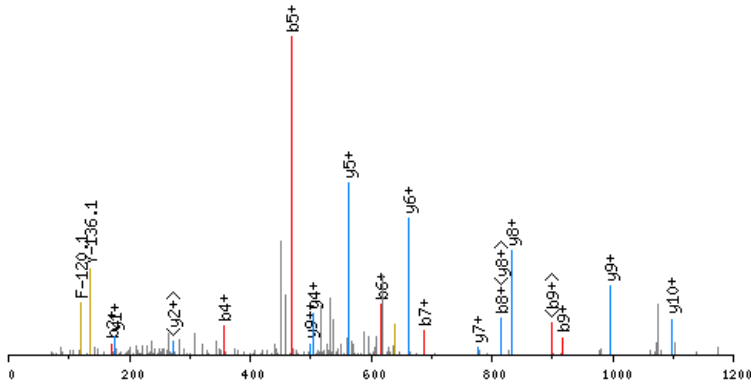


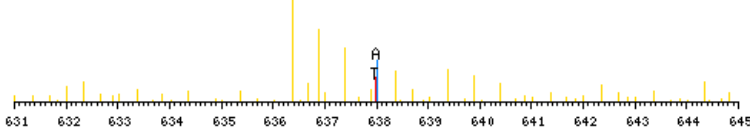
AAANLFAQTYGLTGSQDR, MH+ 1911.9564, m/z 637.9903
 L OS G25 P150811 220811-s1.07081.07081.3.dta

scan 7081; 1.7e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 7077; 638.0 m/z; 3.0e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

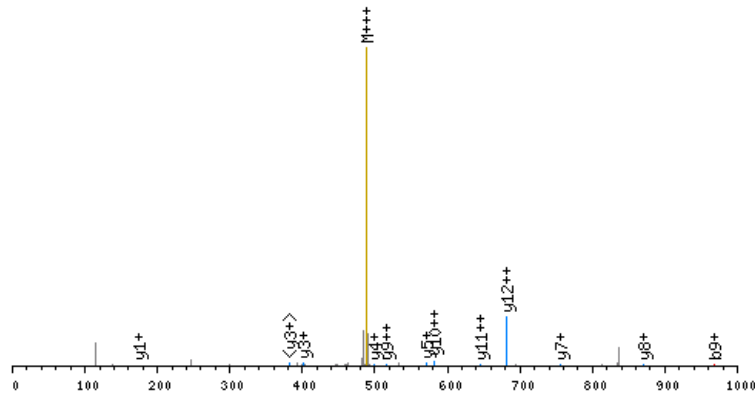
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
100.0762	1	A	18		
171.1133	2	A	17	1812.8881	906.9479
242.1504	3	A	16	1741.8509	871.4294
356.1934	4	N	15	1670.8138	835.9108
469.2774	5	L	14	1556.7709	778.8894
616.3458	6	F	13	1443.6868	722.3473
687.3830	7	A	12	1296.6184	648.8131
815.4415	8	Q	11	1225.5813	613.2946
916.4892	9	T	10	1097.5227	549.2653
1079.5525	10	Y	9	996.4750	498.7414
1136.5740	11	G	8	833.4117	417.2098
1249.6581	12	L	7	776.3903	388.6990
1350.7058	13	T	6	663.3062	332.1570
1407.7272	14	G	5	562.2585	281.6332
1494.7592	15	S	4	505.2370	253.1224
1622.8178	16	Q	3	418.2050	209.6064
1737.8448	17	D	2	290.1464	145.5771
	18	R	1	175.1195	88.0637

N-term:+29.04

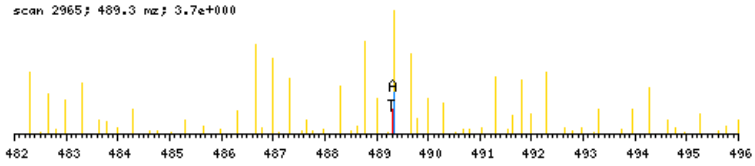
AAEEKLSVAVPQR, MH+ 1465.9015, m/z 489.3053
 H OS G26 P150811 220811-s1.02967.02967.3.dta

scan 2967; 1.3e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2965; 489.3 m/z; 3.7e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

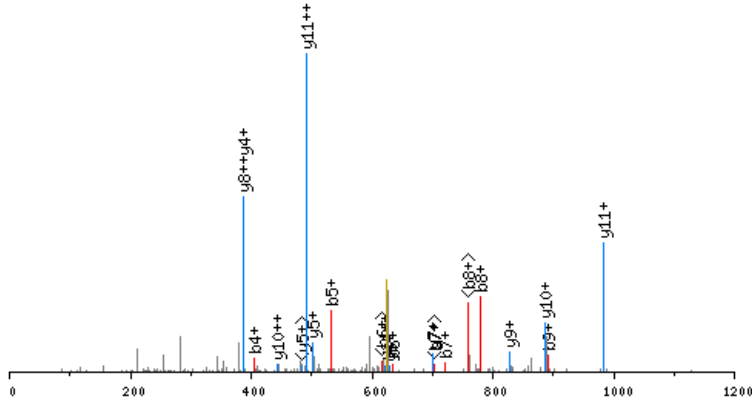
GO

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 13		
177.1451	2	A 12	1360.8013	680.9046
306.1877	3	E 11	1289.7642	645.3860
435.2303	4	E 10	1160.7216	580.8647
597.3884	5	K 9	1031.6790	516.3434
710.4725	6	L 8	869.5209	435.2644
797.5045	7	S 7	756.4368	378.7223
896.5729	8	V 6	669.4048	335.2063
967.6100	9	A 5	570.3364	285.6721
1066.6784	10	V 4	499.2993	250.1535
1163.7312	11	P 3	400.2308	200.6193
1291.7898	12	Q 2	303.1781	152.0930
	13	R 1	175.1195	88.0637

N-term:+35.07 K(5):+162.16

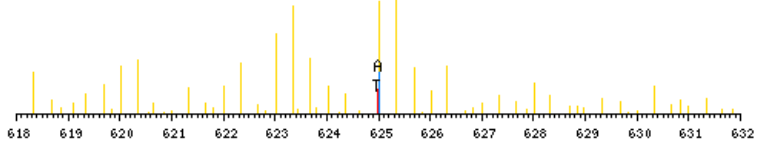
AALDQTSGLPGGAAQDPGGR, MH+ 1872.9628, m/z 624.9924
 H OS G24 P150811 220811-s1.03101.03101.3.dta

scan 3101; 2.2e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 3097; 625.0 m/z; 1.5e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

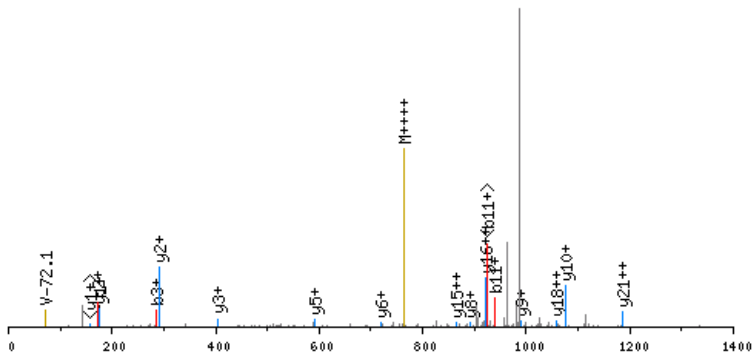
GO

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 20		
177.1451	2	A 19	1767.8626	884.4352
290.2292	3	L 18	1696.8255	848.9166
405.2561	4	D 17	1583.7414	792.3746
533.3147	5	Q 16	1468.7144	734.8611
634.3624	6	T 15	1340.6559	670.8318
721.3944	7	S 14	1239.6082	620.3080
778.4159	8	G 13	1152.5762	576.7920
891.4999	9	L 12	1095.5547	548.2813
988.5527	10	P 11	982.4706	491.7392
1045.5742	11	G 10	885.4179	443.2128
1102.5956	12	G 9	828.3964	414.7021
1173.6328	13	A 8	771.3749	386.1914
1244.6699	14	A 7	700.3378	350.6728
1372.7284	15	Q 6	629.3007	315.1543
1487.7554	16	D 5	501.2421	251.1250
1584.8082	17	P 4	386.2152	193.6115
1641.8296	18	G 3	289.1624	145.0851
1698.8511	19	G 2	232.1410	116.5744
	20	R 1	175.1195	88.0637

N-term:+35.07

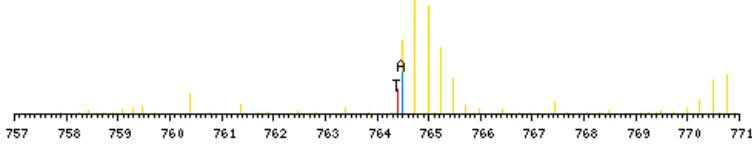
AALGGNSSPSAKDIKKILDSVGI EADDR, MH+ 3054.6324, m/z 764.4135
 L OS G28 P150811 220811-s1.09089.09089.4.dta

scan 9089; 4.4e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 9088; 764.4 m/z; 1.6e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 29		
171.1133	2	A 28	2955.5640	1478.2859
284.1974	3	L 27	2884.5269	1442.7673
341.2189	4	G 26	2771.4428	1386.2253
398.2403	5	G 25	2714.4213	1357.7146
512.2832	6	N 24	2657.3999	1329.2039
599.3153	7	S 23	2543.3569	1272.1824
686.3473	8	S 22	2456.3249	1228.6664
783.4001	9	P 21	2369.2929	1185.1504
870.4321	10	S 20	2272.2401	1136.6240
941.4692	11	A 19	2185.2081	1093.1080
1097.5955	12	K 18	2114.1710	1057.5894
1212.6225	13	D 17	1958.0447	979.5263
1325.7065	14	I 16	1843.0177	922.0128
1481.8328	15	K 15	1729.9337	865.4708
1637.9591	16	K 14	1573.8074	787.4076
1751.0432	17	I 13	1417.6811	709.3445
1864.1272	18	L 12	1304.5970	652.8024
1979.1542	19	D 11	1191.5130	596.2604
2066.1862	20	S 10	1076.4860	538.7469
2165.2546	21	V 9	989.4540	495.2309
2222.2761	22	G 8	890.3856	445.6967
2335.3602	23	I 7	833.3641	417.1860
2464.4028	24	E 6	720.2800	360.6439
2535.4399	25	A 5	591.2374	296.1226
2650.4668	26	D 4	520.2003	260.6041
2765.4938	27	D 3	405.1734	203.0906
2880.5207	28	D 2	290.1464	145.5771
	29	R 1	175.1195	88.0637

N-term: +29.04 K(12): +156.13
 K(15): +156.13 K(16): +156.13

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

AALPADPPASVVVGPVVVPR, MH+ 1939.1380, m/z 647.0509
 L OS G24 P150811 220811-s1.04564.04564.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

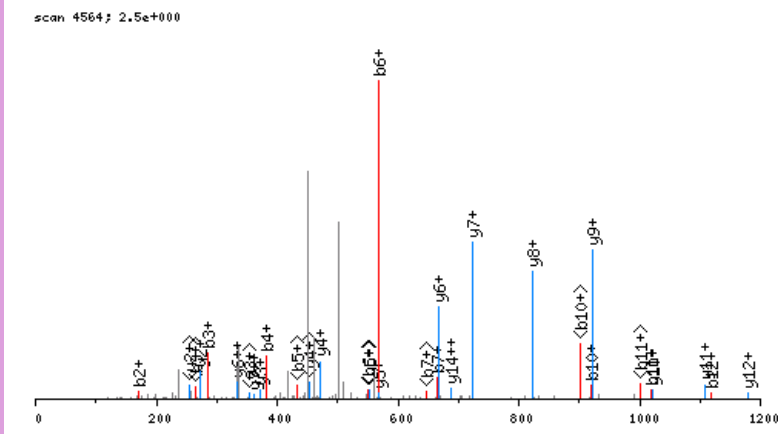
y + 2+ 3+

z + 2+ 3+

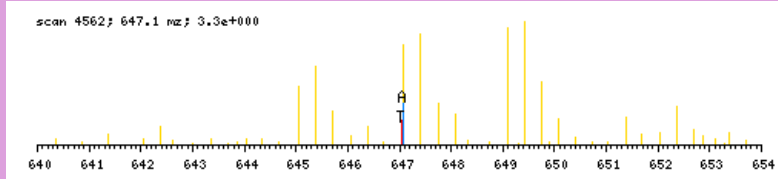
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 20		
171.1133	2	A 19	1840.0696	920.5387
284.1974	3	L 18	1769.0325	885.0202
381.2502	4	P 17	1655.9485	828.4781
452.2873	5	A 16	1558.8957	779.9518
567.3142	6	D 15	1487.8586	744.4332
664.3670	7	P 14	1372.8316	686.9197
761.4197	8	P 13	1275.7789	638.3934
832.4569	9	A 12	1178.7261	589.8670
919.4889	10	S 11	1107.6890	554.3484
1018.5573	11	V 10	1020.6570	510.8324
1117.6257	12	V 9	921.5886	461.2982
1216.6941	13	V 8	822.5201	411.7640
1273.7156	14	G 7	723.4517	362.2298
1370.7684	15	P 6	666.4303	333.7190
1469.8368	16	V 5	569.3775	285.1927
1568.9052	17	V 4	470.3091	235.6585
1667.9736	18	V 3	371.2407	186.1243
1765.0264	19	P 2	272.1723	136.5900
	20	R 1	175.1195	88.0637

N-term:+29.04

AANLFAQTYGLTGSQDR, MH+ 1840.9193, m/z 614.3113
 L OS G25 P150811 220811-s1.06966.06966.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

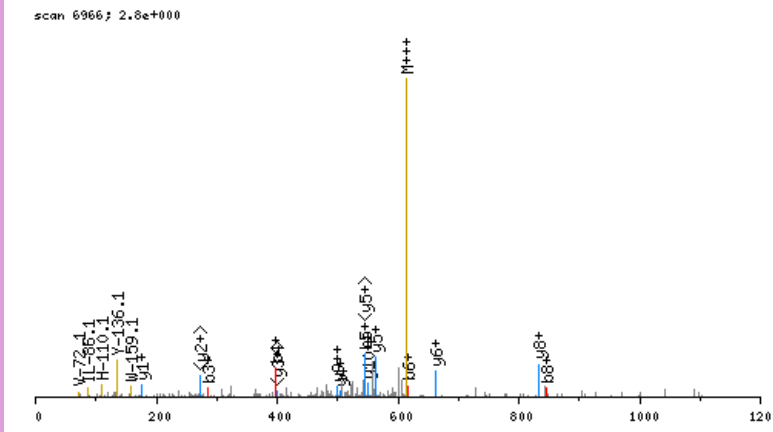
y + 2+ 3+

z + 2+ 3+

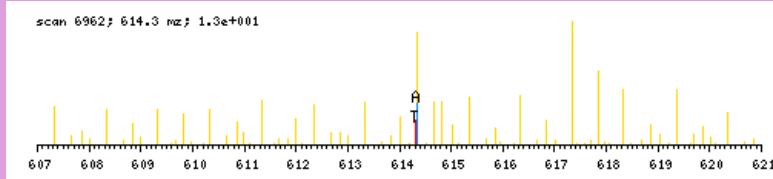
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 17		
171.1133	2	A 16	1741.8509	871.4294
285.1563	3	N 15	1670.8138	835.9108
398.2403	4	L 14	1556.7709	778.8894
545.3087	5	F 13	1443.6868	722.3473
616.3458	6	A 12	1296.6184	648.8131
744.4044	7	Q 11	1225.5813	613.2946
845.4521	8	T 10	1097.5227	549.2653
1008.5154	9	Y 9	996.4750	498.7414
1065.5369	10	G 8	833.4117	417.2098
1178.6210	11	L 7	776.3903	388.6990
1279.6686	12	T 6	663.3062	332.1570
1336.6901	13	G 5	562.2585	281.6332
1423.7221	14	S 4	505.2370	253.1224
1551.7807	15	Q 3	418.2050	209.6064
1666.8077	16	D 2	290.1464	145.5771
	17	R 1	175.1195	88.0637

N-term:+29.04

AAPELPVPTGGPMAGAR, MH+ 1619.8579, m/z 540.6242
 L OS G24 P150811 220811-s1.03920.03920.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

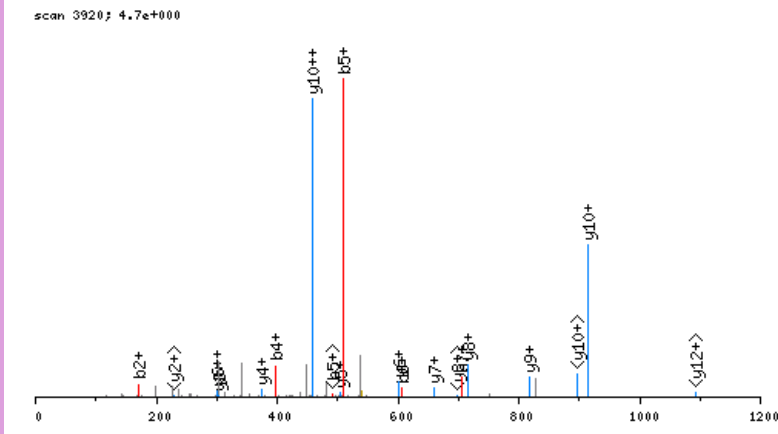
y + 2+ 3+

z + 2+ 3+

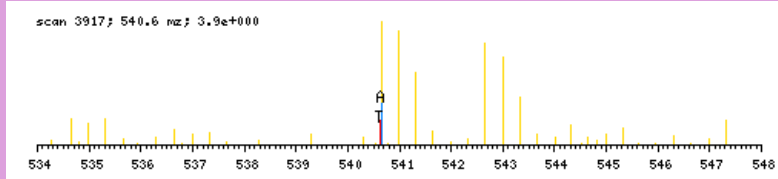
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



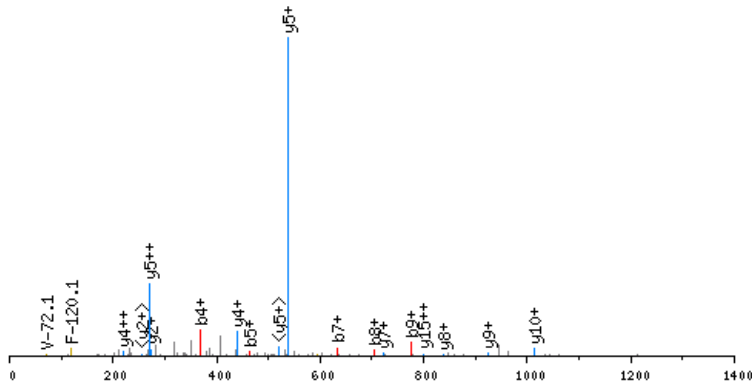
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 17		
171.1133	2	A 16	1520.7895	760.8987
268.1661	3	P 15	1449.7524	725.3801
397.2087	4	E 14	1352.6996	676.8537
510.2927	5	L 13	1223.6571	612.3324
607.3455	6	P 12	1110.5730	555.7904
706.4139	7	V 11	1013.5202	507.2640
803.4667	8	P 10	914.4518	457.7298
904.5144	9	T 9	817.3990	409.2034
961.5358	10	G 8	716.3514	358.6796
1018.5573	11	G 7	659.3299	330.1689
1115.6101	12	P 6	602.3084	301.6581
1246.6505	13	M 5	505.2557	253.1318
1317.6877	14	A 4	374.2152	187.6115
1374.7091	15	G 3	303.1781	152.0930
1445.7462	16	A 2	246.1566	123.5822
	17	R 1	175.1195	88.0637

N-term:+29.04

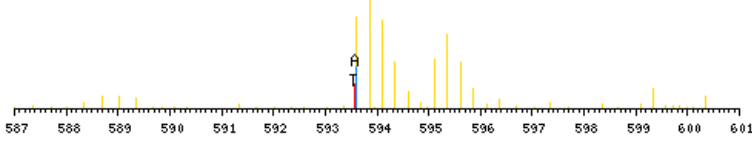
AAPVPPAAAPLLDFSSDSVPPAPR, MH+ 2371.2661, m/z 593.5720
 L OS G24 P150811 220811-s1.04874.04874.4.dta

scan 4874; 7.5e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 4870; 593.6 mz; 1.1e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 24		
171.1133	2	A 23	2272.1978	1136.6028
268.1661	3	P 22	2201.1606	1101.0842
367.2345	4	V 21	2104.1079	1052.5579
464.2873	5	P 20	2005.0395	1003.0236
561.3400	6	P 19	1907.9867	954.4973
632.3771	7	A 18	1810.9339	905.9709
703.4143	8	A 17	1739.8968	870.4523
774.4514	9	A 16	1668.8597	834.9338
871.5041	10	P 15	1597.8226	799.4152
984.5882	11	L 14	1500.7698	750.8888
1097.6723	12	L 13	1387.6858	694.3468
1212.6992	13	D 12	1274.6017	637.8048
1359.7676	14	F 11	1159.5748	580.2913
1446.7997	15	S 10	1012.5063	506.7571
1533.8317	16	S 9	925.4743	463.2411
1648.8586	17	D 8	838.4423	419.7251
1735.8907	18	S 7	723.4153	362.2116
1834.9591	19	V 6	636.3833	318.6956
1932.0118	20	P 5	537.3149	269.1614
2029.0646	21	P 4	440.2621	220.6350
2100.1017	22	A 3	343.2094	172.1086
2197.1545	23	P 2	272.1723	136.5900
	24	R 1	175.1195	88.0637

N-term:+29.04

AASIFGGAKPVDTAAR, MH+ 1599.9495, m/z 533.9880
 H OS G26 P150811 220811-s1.03398.03398.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

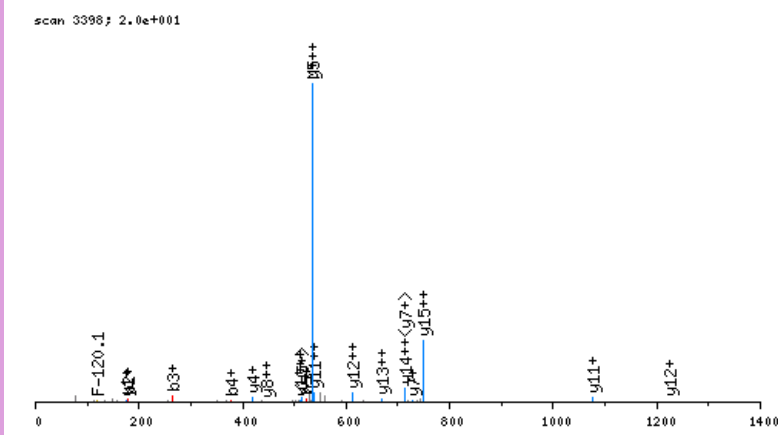
y + 2+ 3+

z + 2+ 3+

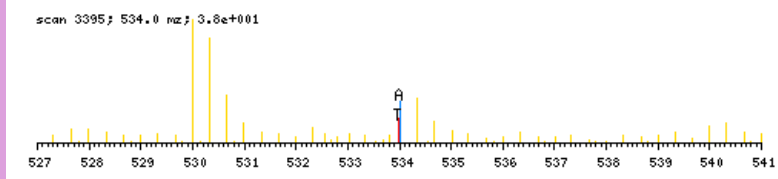
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 16		
177.1451	2	A 15	1494.8493	747.9286
264.1772	3	S 14	1423.8122	712.4100
377.2612	4	I 13	1336.7801	668.8940
524.3296	5	F 12	1223.6961	612.3520
581.3511	6	G 11	1076.6277	538.8177
638.3726	7	G 10	1019.6062	510.3070
709.4097	8	A 9	962.5847	481.7963
871.5678	9	K 8	891.5476	446.2777
968.6205	10	P 7	729.3895	365.1987
1067.6890	11	V 6	632.3368	316.6723
1182.7159	12	D 5	533.2683	267.1381
1283.7636	13	T 4	418.2414	209.6246
1354.8007	14	A 3	317.1937	159.1008
1425.8378	15	A 2	246.1566	123.5822
	16	R 1	175.1195	88.0637

N-term:+35.07 K(9):+162.16

AAVAGQDGGIDADELQR, MH+ 1784.8779, m/z 595.6308
 L OS G25 P150811 220811-s1.04280.04280.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

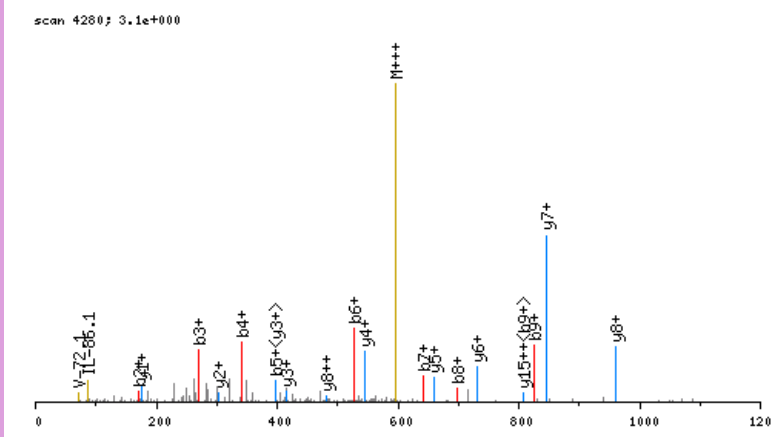
y + 2+ 3+

z + 2+ 3+

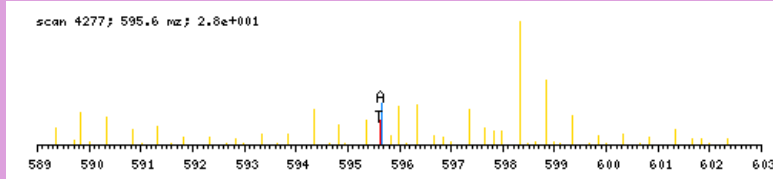
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 17		
171.1133	2	A 16	1685.8095	843.4086
270.1817	3	V 15	1614.7724	807.8901
341.2189	4	A 14	1515.7039	758.3559
398.2403	5	G 13	1444.6668	722.8373
526.2989	6	Q 12	1387.6454	694.3266
641.3258	7	D 11	1259.5868	630.2973
698.3473	8	G 10	1144.5598	572.7838
826.4059	9	Q 9	1087.5384	544.2731
939.4899	10	I 8	959.4798	480.2438
1054.5169	11	D 7	846.3957	423.7018
1125.5540	12	A 6	731.3688	366.1883
1240.5809	13	D 5	660.3317	330.6698
1369.6235	14	E 4	545.3047	273.1563
1482.7076	15	L 3	416.2621	208.6350
1610.7662	16	Q 2	303.1781	152.0930
	17	R 1	175.1195	88.0637

N-term:+29.04

AAVASYNMGSDSLYYFR, MH+ 1942.9009, m/z 648.3052
 L OS G25 P150811 220811-s1.07485.07485.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

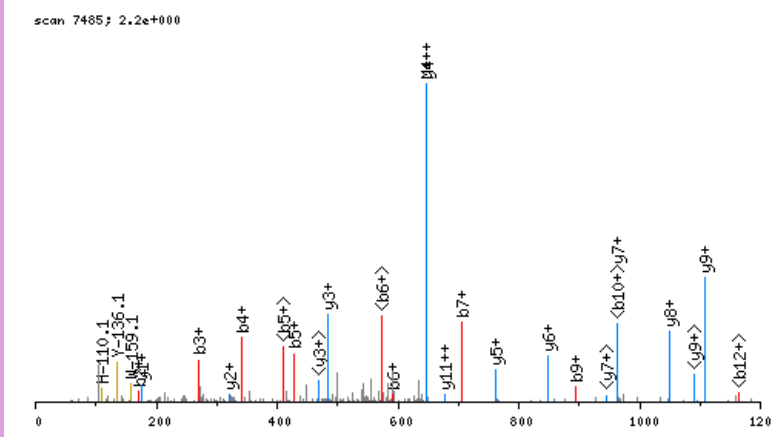
y + 2+ 3+

z + 2+ 3+

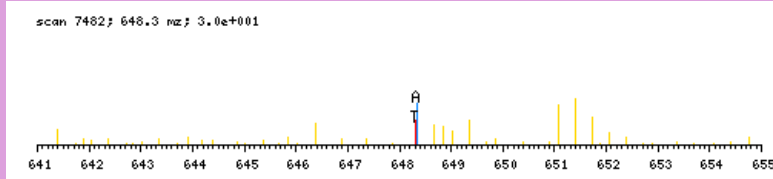
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 17		
171.1133	2	A 16	1843.8325	922.4202
270.1817	3	V 15	1772.7954	886.9016
341.2189	4	A 14	1673.7270	837.3674
428.2509	5	S 13	1602.6899	801.8488
591.3142	6	Y 12	1515.6578	758.3328
705.3571	7	N 11	1352.5945	676.8012
836.3976	8	M 10	1238.5516	619.7797
893.4191	9	G 9	1107.5111	554.2595
980.4511	10	S 8	1050.4896	525.7487
1095.4781	11	D 7	963.4576	482.2327
1182.5101	12	S 6	848.4307	424.7192
1295.5942	13	L 5	761.3986	381.2032
1458.6575	14	Y 4	648.3146	324.6612
1621.7208	15	Y 3	485.2512	243.1295
1768.7892	16	F 2	322.1879	161.5979
	17	R 1	175.1195	88.0637

N-term:+29.04

AAVETPVPSDLQAQR, MH+ 1609.8549, m/z 537.2898
 L OS G24 P150811 220811-s1.03261.03261.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

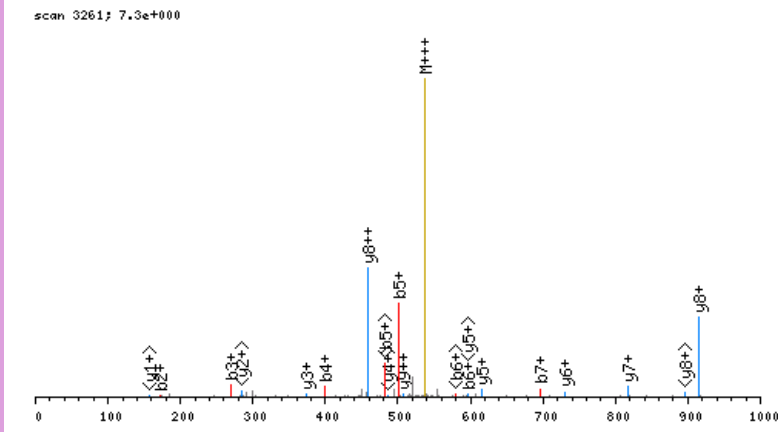
y + 2+ 3+

z + 2+ 3+

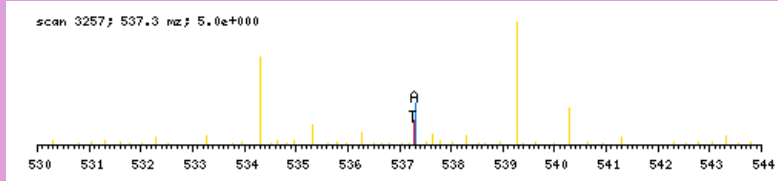
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 15		
171.1133	2	A 14	1510.7865	755.8972
270.1817	3	V 13	1439.7494	720.3786
399.2243	4	E 12	1340.6810	670.8444
500.2720	5	T 11	1211.6384	606.3231
597.3248	6	P 10	1110.5907	555.7993
696.3932	7	V 9	1013.5380	507.2729
793.4460	8	P 8	914.4696	457.7387
880.4780	9	S 7	817.4168	409.2123
995.5049	10	D 6	730.3848	365.6963
1108.5890	11	L 5	615.3578	308.1828
1236.6476	12	Q 4	502.2738	251.6408
1307.6847	13	A 3	374.2152	187.6115
1435.7433	14	Q 2	303.1781	152.0930
	15	R 1	175.1195	88.0637

N-term:+29.04

AAVQQLQAEGLSPR, MH+ 1495.8232, m/z 499.2793
 L OS G25 P150811 220811-s1.04595.04595.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

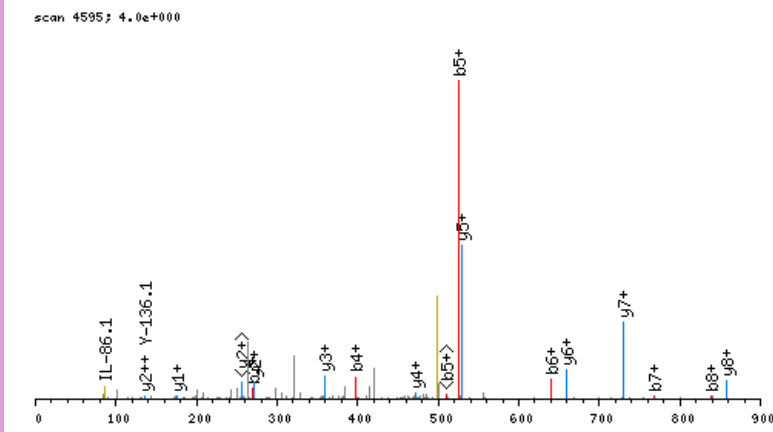
y + 2+ 3+

z + 2+ 3+

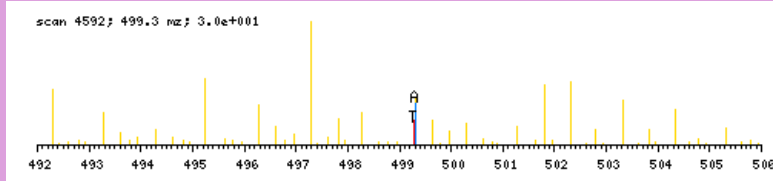
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 14		
171.1133	2	A 13	1396.7549	698.8813
270.1817	3	V 12	1325.7177	663.3628
398.2403	4	Q 11	1226.6493	613.8286
526.2989	5	Q 10	1098.5907	549.7993
639.3830	6	L 9	970.5322	485.7700
767.4415	7	Q 8	857.4481	429.2280
838.4787	8	A 7	729.3895	365.1987
967.5212	9	E 6	658.3524	329.6801
1024.5427	10	G 5	529.3098	265.1588
1137.6268	11	L 4	472.2884	236.6481
1224.6588	12	S 3	359.2043	180.1061
1321.7116	13	P 2	272.1723	136.5900
	14	R 1	175.1195	88.0637

N-term:+29.04

AAVSCLWGKVNSEVGGALGR, MH+ 2331.1767, m/z 583.5496
 L OS G26 P150811 220811-s1.05539.05539.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

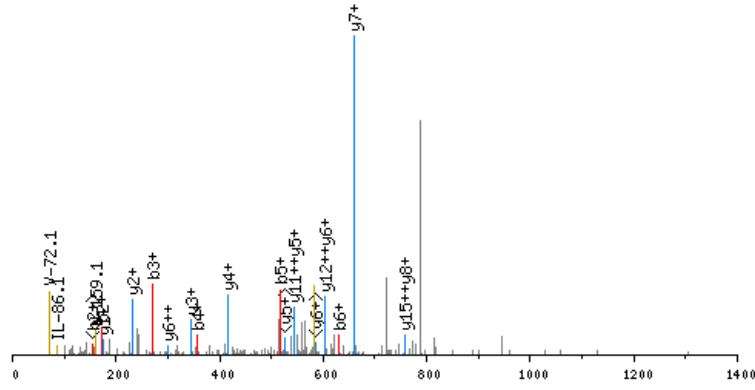
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

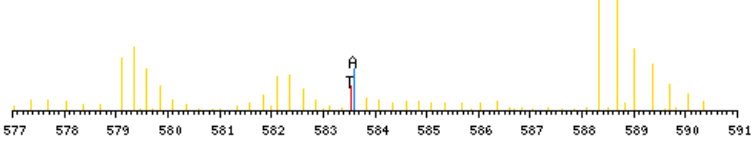
GO

scan 5539; 1.6e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5535; 583.6 m/z; 7.4e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 22		
171.1133	2	A 21	2232.1083	1116.5581
270.1817	3	V 20	2161.0712	1081.0395
357.2138	4	S 19	2062.0028	1031.5053
517.2444	5	C 18	1974.9707	987.9893
630.3284	6	L 17	1814.9401	907.9740
816.4077	7	W 16	1701.8561	851.4319
873.4292	8	G 15	1515.7767	758.3923
1029.5555	9	K 14	1458.7553	729.8816
1128.6239	10	V 13	1302.6290	651.8184
1242.6669	11	N 12	1203.5606	602.2842
1329.6989	12	S 11	1089.5176	545.2627
1444.7258	13	D 10	1002.4856	501.7467
1573.7684	14	E 9	887.4587	444.2332
1672.8368	15	V 8	758.4161	379.7120
1729.8583	16	G 7	659.3477	330.1777
1786.8798	17	G 6	602.3262	301.6670
1915.9224	18	E 5	545.3047	273.1563
1986.9595	19	A 4	416.2621	208.6350
2100.0435	20	L 3	345.2250	173.1164
2157.0650	21	G 2	232.1410	116.5744
	22	R 1	175.1195	88.0637

N-term:+29.04 C(5):+160.03
 K(9):+156.13

AAVTEPADLEYTEVPR, MH+ 1788.9019, m/z 596.9722
 L OS G24 P150811 220811-s1.03748.03748.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

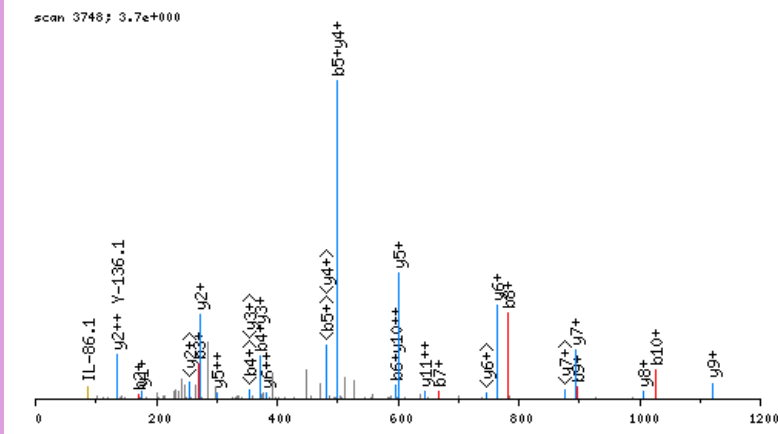
y + 2+ 3+

z + 2+ 3+

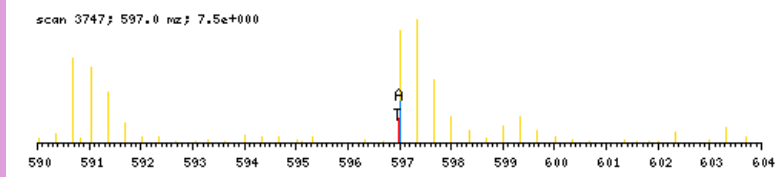
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 16		
171.1133	2	A 15	1689.8336	845.4207
270.1817	3	V 14	1618.7964	809.9021
371.2294	4	T 13	1519.7280	760.3679
500.2720	5	E 12	1418.6803	709.8441
597.3248	6	P 11	1289.6378	645.3228
668.3619	7	A 10	1192.5850	596.7964
783.3888	8	D 9	1121.5479	561.2779
896.4729	9	L 8	1006.5209	503.7644
1025.5155	10	E 7	893.4369	447.2223
1188.5788	11	Y 6	764.3943	382.7011
1289.6265	12	T 5	601.3310	301.1694
1418.6691	13	E 4	500.2833	250.6455
1517.7375	14	V 3	371.2407	186.1243
1614.7903	15	P 2	272.1723	136.5900
	16	R 1	175.1195	88.0637

N-term:+29.04

AAAYISNAVGAAAYSSAR, MH+ 1605.8449, m/z 535.9531
 H OS G26 P150811 220811-s1.06607.06607.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

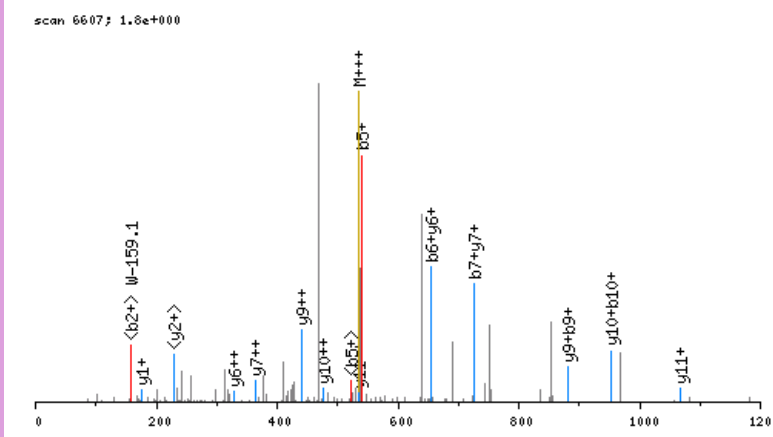
y + 2+ 3+

z + 2+ 3+

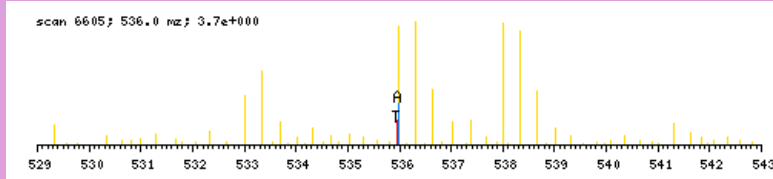
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 16		
177.1451	2	A 15	1500.7447	750.8763
340.2085	3	Y 14	1429.7076	715.3577
453.2925	4	I 13	1266.6442	633.8260
540.3245	5	S 12	1153.5602	577.2840
654.3675	6	N 11	1066.5281	533.7680
725.4046	7	A 10	952.4852	476.7465
824.4730	8	V 9	881.4481	441.2280
881.4945	9	G 8	782.3797	391.6938
952.5316	10	A 7	725.3582	363.1830
1023.5687	11	A 6	654.3211	327.6645
1186.6320	12	Y 5	583.2840	292.1459
1273.6641	13	S 4	420.2207	210.6142
1360.6961	14	S 3	333.1886	167.0982
1431.7332	15	A 2	246.1566	123.5822
	16	R 1	175.1195	88.0637

N-term:+35.07

ADASKGDDLLPAGTEDYIHIR, MH+ 2313.1727, m/z 579.0486
 L OS G28 P150811 220811-s1.07665.07665.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

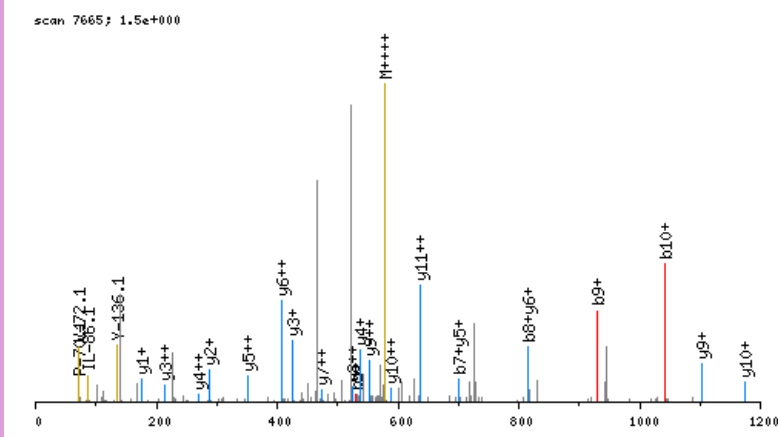
y + 2+ 3+

z + 2+ 3+

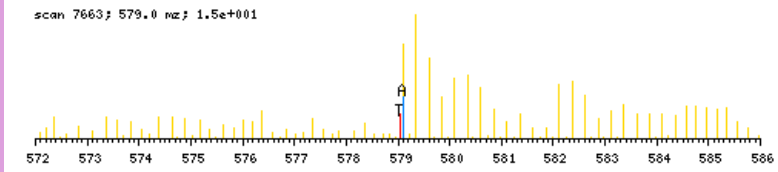
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
100.0762	1	A	21		
215.1032	2	D	20	2214.1043	1107.5561
286.1403	3	A	19	2099.0773	1050.0426
373.1723	4	S	18	2028.0402	1014.5240
529.2986	5	K	17	1941.0082	971.0080
586.3201	6	G	16	1784.8819	892.9449
701.3470	7	D	15	1727.8604	864.4341
816.3739	8	D	14	1612.8335	806.9207
929.4580	9	L	13	1497.8066	749.4072
1042.5421	10	L	12	1384.7225	692.8652
1139.5948	11	P	11	1271.6384	636.3231
1210.6320	12	A	10	1174.5857	587.7967
1267.6534	13	G	9	1103.5485	552.2782
1368.7011	14	T	8	1046.5271	523.7675
1497.7437	15	E	7	945.4794	473.2436
1612.7706	16	D	6	816.4368	408.7223
1775.8340	17	Y	5	701.4099	351.2088
1888.9180	18	I	4	538.3465	269.6772
2025.9769	19	H	3	425.2625	213.1352
2139.0610	20	I	2	288.2036	144.6057
	21	R	1	175.1195	88.0637

N-term:+29.04 K(5):+156.13

ADDDYDEPTDSDLAR, MH+ 1725.7091, m/z 575.9079
 L OS G29 P150811 220811-s1.03274.03274.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

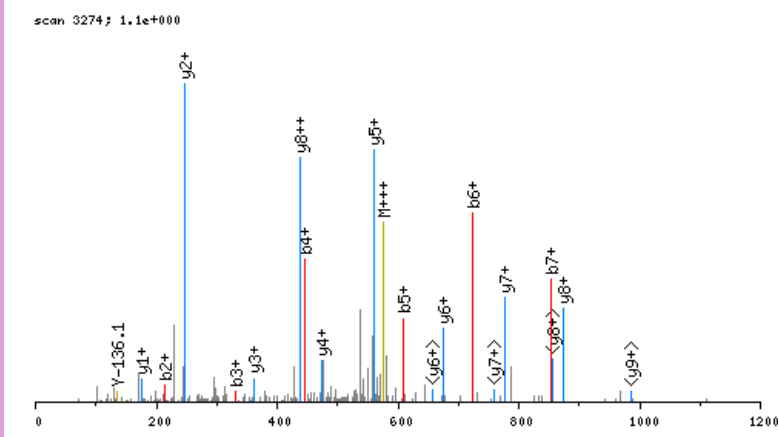
y + 2+ 3+

z + 2+ 3+

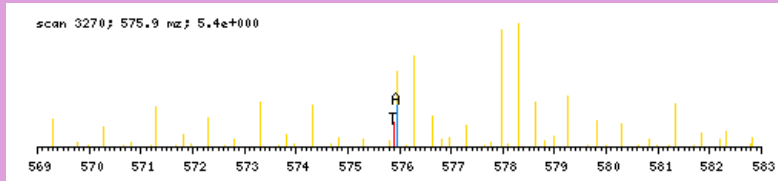
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 15		
215.1032	2	D 14	1626.6407	813.8243
330.1301	3	D 13	1511.6138	756.3108
445.1570	4	D 12	1396.5868	698.7973
608.2204	5	Y 11	1281.5599	641.2839
723.2473	6	D 10	1118.4966	559.7522
852.2899	7	E 9	1003.4696	502.2387
949.3427	8	P 8	874.4270	437.7174
1050.3904	9	T 7	777.3743	389.1910
1165.4173	10	D 6	676.3266	338.6672
1252.4493	11	S 5	561.2997	281.1537
1365.5334	12	L 4	474.2676	237.6377
1480.5603	13	D 3	361.1836	181.0957
1551.5974	14	A 2	246.1566	123.5822
	15	R 1	175.1195	88.0637

N-term:+29.04

ADDLECTPGFQR, MH+ 1442.6797, m/z 481.5648
 H OS G25 P150811 220811-s1.04298.04298.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

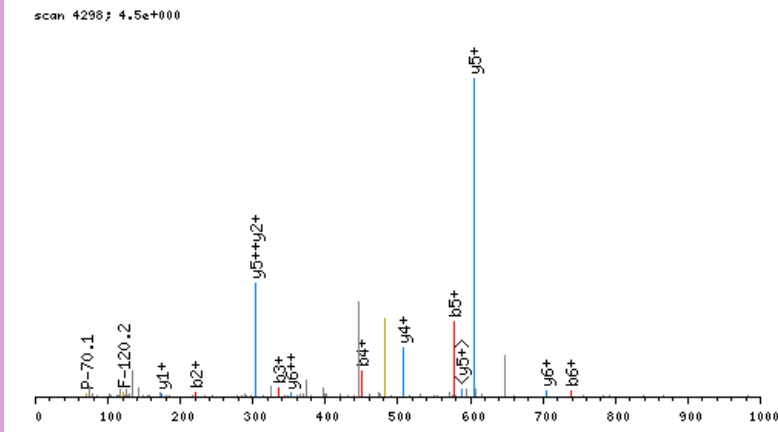
y + 2+ 3+

z + 2+ 3+

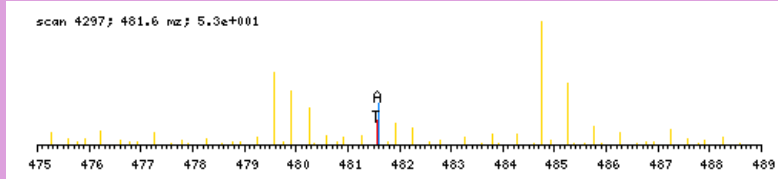
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 12		
221.1350	2	D 11	1337.5795	669.2937
336.1619	3	D 10	1222.5526	611.7802
449.2460	4	L 9	1107.5257	554.2667
578.2886	5	E 8	994.4416	497.7247
738.3192	6	C 7	865.3990	433.2034
839.3668	7	T 6	705.3684	353.1881
936.4196	8	P 5	604.3207	302.6643
993.4411	9	G 4	507.2680	254.1379
1140.5095	10	F 3	450.2465	225.6272
1268.5681	11	Q 2	303.1781	152.0930
	12	R 1	175.1195	88.0637

N-term:+35.07 C(6):+160.03

ADEFEDMVAEKR, MH+ 1507.7739, m/z 503.2628
 H OS G27 P150811 220811-s1.04875.04875.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

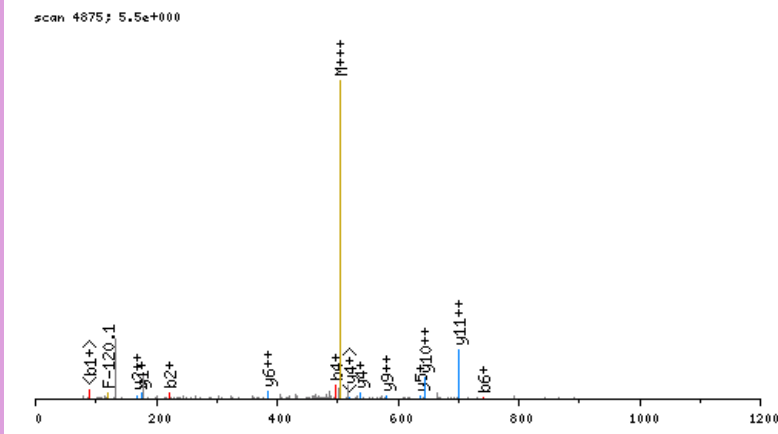
y + 2+ 3+

z + 2+ 3+

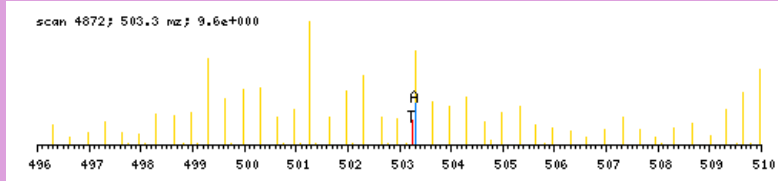
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 12		
221.1350	2	D 11	1402.6737	701.8408
350.1776	3	E 10	1287.6467	644.3273
497.2460	4	F 9	1158.6042	579.8060
626.2886	5	E 8	1011.5357	506.2718
741.3155	6	D 7	882.4931	441.7505
872.3560	7	M 6	767.4662	384.2370
971.4244	8	V 5	636.4257	318.7168
1042.4615	9	A 4	537.3573	269.1826
1171.5041	10	E 3	466.3202	233.6640
1333.6622	11	K 2	337.2776	169.1427
	12	R 1	175.1195	88.0637

N-term:+35.07 K(11):+162.16

ADEVESQLKSIR, MH+ 1442.8491, m/z 481.6212
 H OS G27 P150811 220811-s1.04196.04196.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

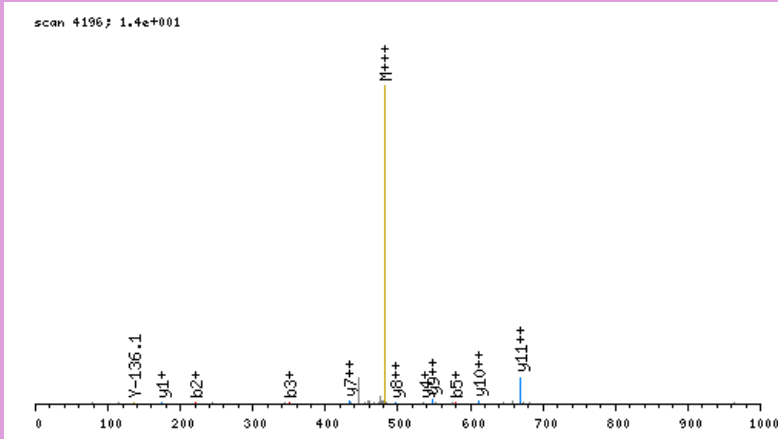
y + 2+ 3+

z + 2+ 3+

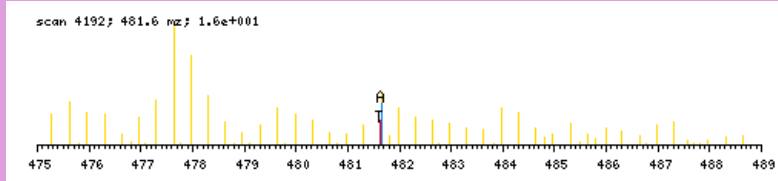
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



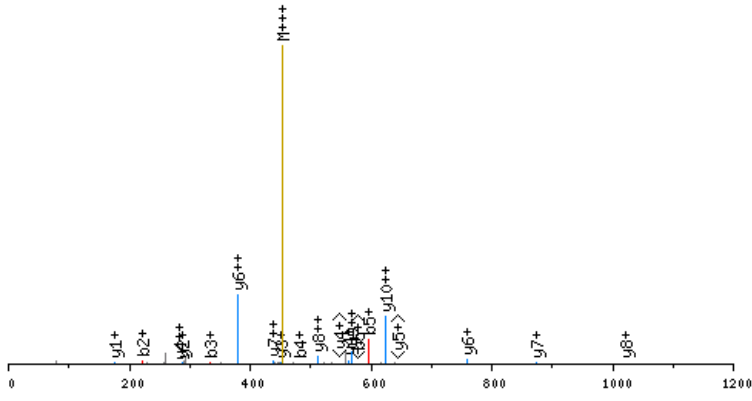
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 12		
221.1350	2	D 11	1337.7489	669.3784
350.1776	3	E 10	1222.7220	611.8649
449.2460	4	V 9	1093.6794	547.3436
578.2886	5	E 8	994.6110	497.8094
665.3206	6	S 7	865.5684	433.2881
793.3792	7	Q 6	778.5363	389.7721
906.4632	8	L 5	650.4778	325.7428
1068.6213	9	K 4	537.3937	269.2008
1155.6534	10	S 3	375.2356	188.1217
1268.7374	11	I 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+35.07 K(9):+162.16

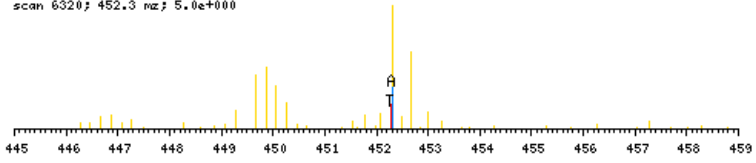
ADLFDPVIKLR, MH+ 1354.8735, m/z 452.2960
 H OS G26 P150811 220811-s1.06321.06321.3.dta

scan 6321; 1.3e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6320; 452.3 m/z; 5.0e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 11		
221.1350	2	D 10	1249.7733	625.3905
334.2190	3	L 9	1134.7463	567.8771
481.2874	4	F 8	1021.6623	511.3350
596.3144	5	D 7	874.5938	437.8008
693.3671	6	P 6	759.5669	380.2874
792.4356	7	V 5	662.5141	331.7610
905.5196	8	I 4	563.4457	282.2268
1067.6777	9	K 3	450.3617	225.6847
1180.7618	10	L 2	288.2036	144.6057
	11	R 1	175.1195	88.0637

N-term:+35.07 K(9):+162.16

ADLVQDLISICTR, MH+ 1511.7951, m/z 504.6032
 H OS G25 P150811 220811-s1.06865.06865.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

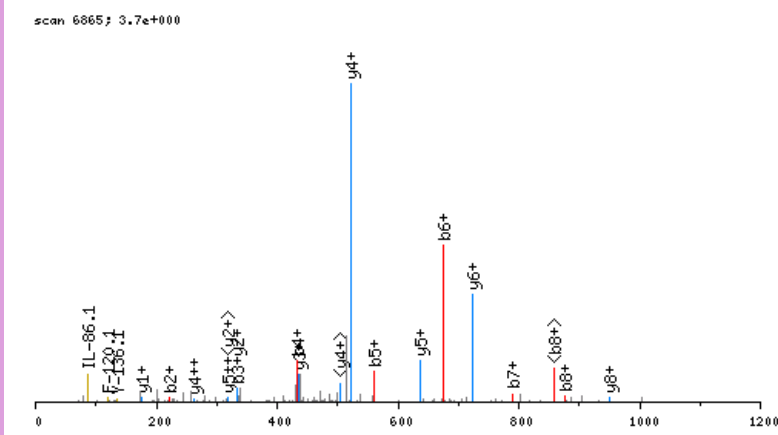
y + 2+ 3+

z + 2+ 3+

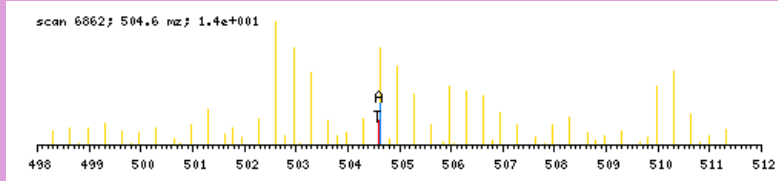
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 13		
221.1350	2	D 12	1406.6949	703.8514
334.2190	3	L 11	1291.6680	646.3379
433.2874	4	V 10	1178.5839	589.7959
561.3460	5	Q 9	1079.5155	540.2617
676.3730	6	D 8	951.4569	476.2324
789.4570	7	L 7	836.4300	418.7189
876.4890	8	S 6	723.3459	362.1769
989.5731	9	I 5	636.3139	318.6608
1076.6051	10	S 4	523.2298	262.1188
1177.6528	11	T 3	436.1978	218.6028
1337.6834	12	C 2	335.1501	168.0790
	13	R 1	175.1195	88.0637

N-term:+35.07 C(12):+160.03

ADMGPPHHHPGHR, MH+ 1479.7240, m/z 493.9128
 H OS G27 P150811 220811-s1.04499.04499.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

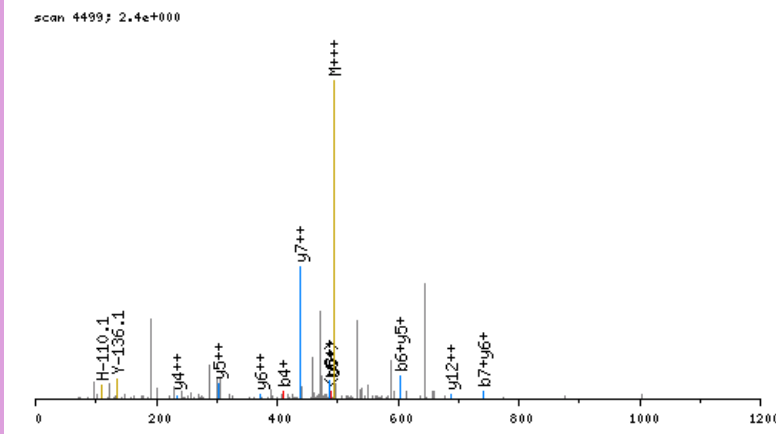
y + 2+ 3+

z + 2+ 3+

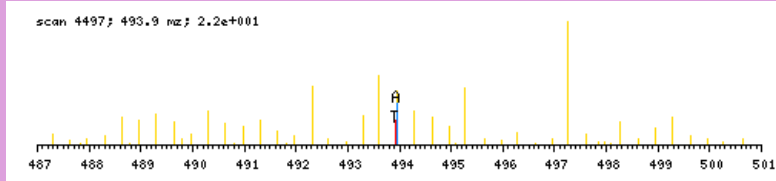
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 13		
221.1350	2	D 12	1374.6238	687.8158
352.1754	3	M 11	1259.5969	630.3023
409.1969	4	G 10	1128.5564	564.7821
506.2497	5	P 9	1071.5349	536.2714
603.3024	6	P 8	974.4821	487.7450
740.3613	7	H 7	877.4294	439.2186
877.4203	8	H 6	740.3705	370.6891
1014.4792	9	H 5	603.3116	302.1597
1111.5319	10	P 4	466.2526	233.6302
1168.5534	11	G 3	369.1999	185.1039
1305.6123	12	H 2	312.1784	156.5931
	13	R 1	175.1195	88.0637

N-term:+35.07

ADTFLEHMCR, MH+ 1307.5876, m/z 436.5340
 L OS G27 P150811 220811-s1.04778.04778.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

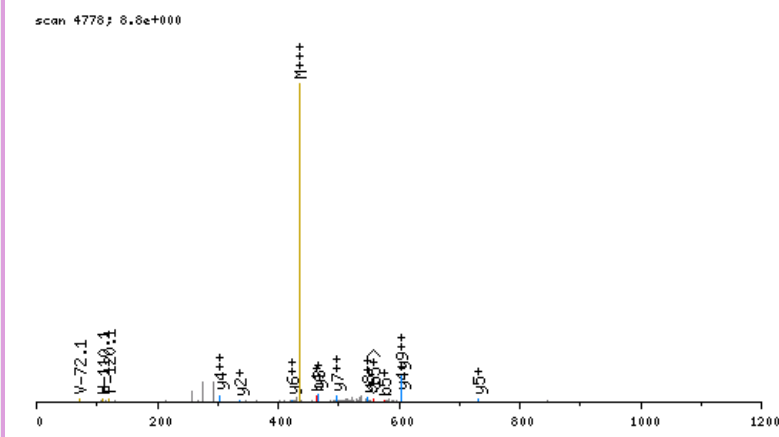
y + 2+ 3+

z + 2+ 3+

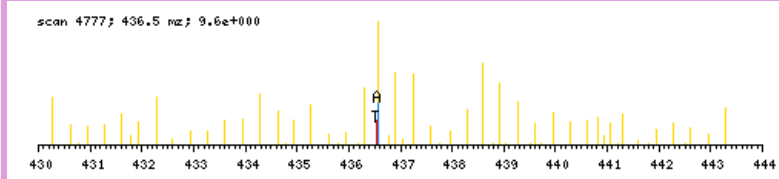
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 10		
215.1032	2	D 9	1208.5192	604.7635
316.1508	3	T 8	1093.4922	547.2500
463.2192	4	F 7	992.4446	496.7262
576.3033	5	L 6	845.3762	423.1920
705.3459	6	E 5	732.2921	366.6500
842.4048	7	H 4	603.2495	302.1287
973.4453	8	M 3	466.1906	233.5992
1133.4759	9	C 2	335.1501	168.0790
	10	R 1	175.1195	88.0637

N-term:+29.04 C(9):+160.03

ADTPGEATPPPR, MH+ 1236.6224, m/z 412.8790
 L OS G25 P150811 220811-s1.02068.02068.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

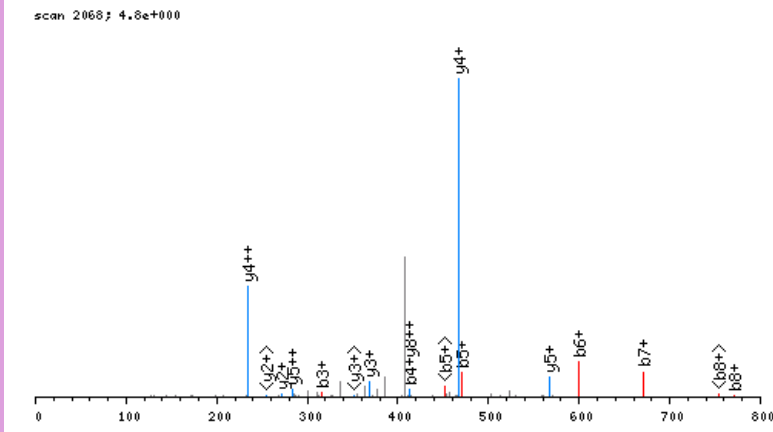
y + 2+ 3+

z + 2+ 3+

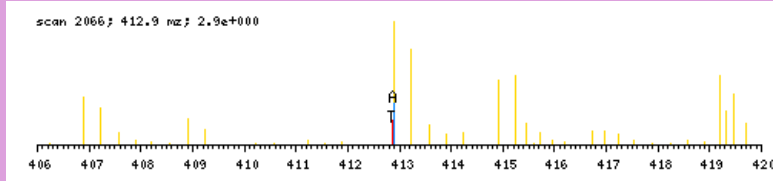
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 12		
215.1032	2	D 11	1137.5540	569.2809
316.1508	3	T 10	1022.5271	511.7675
413.2036	4	P 9	921.4794	461.2436
470.2251	5	G 8	824.4266	412.7172
599.2677	6	E 7	767.4052	384.2065
670.3048	7	A 6	638.3626	319.6852
771.3524	8	T 5	567.3255	284.1666
868.4052	9	P 4	466.2778	233.6428
965.4580	10	P 3	369.2250	185.1164
1062.5107	11	P 2	272.1723	136.5900
	12	R 1	175.1195	88.0637

N-term:+29.04

ADVVFETANDSGHR, MH+ 1416.6871, m/z 472.9006
 L OS G27 P150811 220811-s1.03015.03015.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

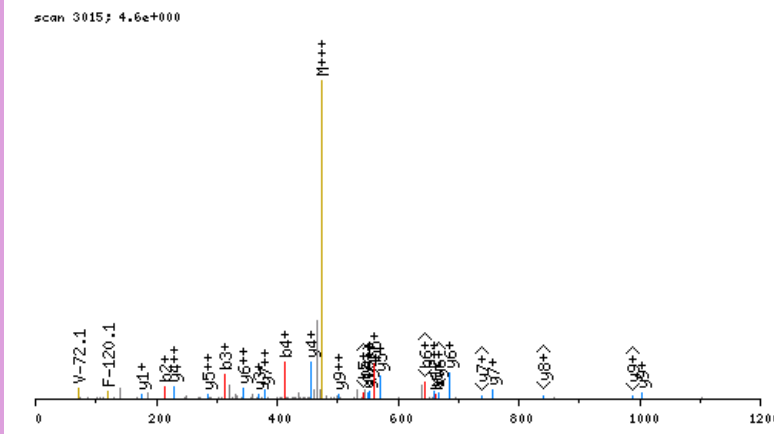
y + 2+ 3+

z + 2+ 3+

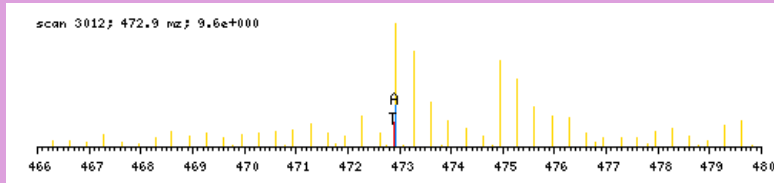
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 13		
215.1032	2	D 12	1317.6188	659.3133
314.1716	3	V 11	1202.5918	601.7998
413.2400	4	V 10	1103.5234	552.2656
560.3084	5	F 9	1004.4550	502.7314
661.3561	6	T 8	857.3866	429.1972
732.3932	7	A 7	756.3389	378.6734
846.4361	8	N 6	685.3018	343.1548
961.4631	9	D 5	571.2588	286.1333
1048.4951	10	S 4	456.2319	228.6199
1105.5166	11	G 3	369.1999	185.1039
1242.5755	12	H 2	312.1784	156.5931
	13	R 1	175.1195	88.0637

N-term:+29.04

AEAPGVLDLILPEGR, MH+ 1521.8277, m/z 507.9474
 L OS G24 P150811 220811-s1.04299.04299.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

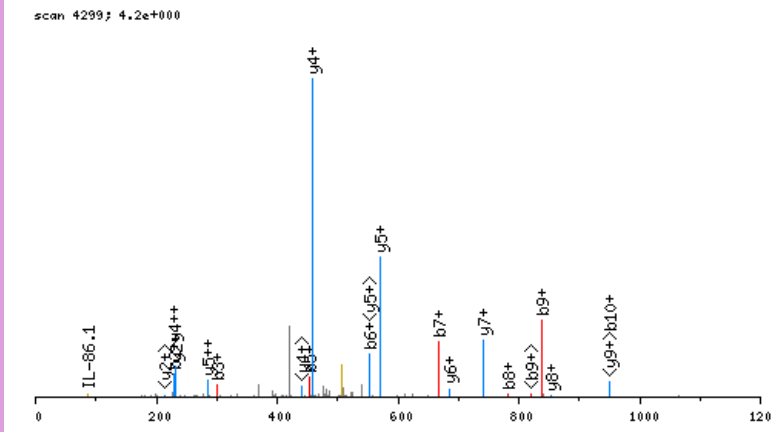
y + 2+ 3+

z + 2+ 3+

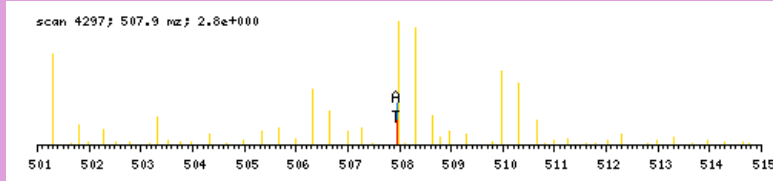
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 15		
229.1188	2	E 14	1422.7593	711.8835
300.1559	3	A 13	1293.7167	647.3623
397.2087	4	P 12	1222.6796	611.8437
454.2301	5	G 11	1125.6268	563.3173
553.2986	6	V 10	1068.6053	534.8066
668.3255	7	D 9	969.5369	485.2724
781.4096	8	L 8	854.5100	427.7589
838.4310	9	G 7	741.4259	371.2169
951.5151	10	I 6	684.4044	342.7061
1064.5992	11	L 5	571.3204	286.1641
1161.6519	12	P 4	458.2363	229.6221
1290.6945	13	E 3	361.1836	181.0957
1347.7160	14	G 2	232.1410	116.5744
	15	R 1	175.1195	88.0637

N-term:+29.04

AEGQVLVLDGR, MH+ 1184.6639, m/z 592.8356
 L OS G25 P150811 220811-s1.04765.04765.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

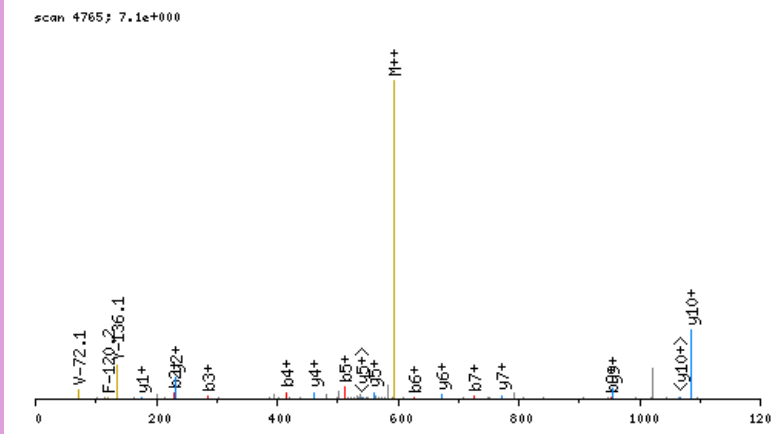
y + 2+ 3+

z + 2+ 3+

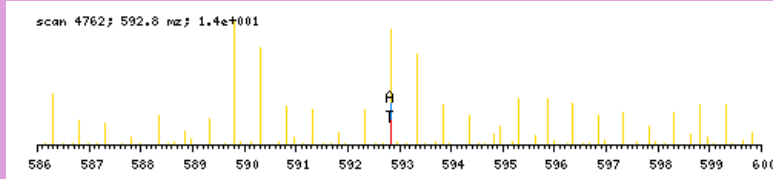
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 11		
229.1188	2	E 10	1085.5955	543.3017
286.1403	3	G 9	956.5529	478.7804
414.1988	4	Q 8	899.5314	450.2696
513.2673	5	V 7	771.4729	386.2403
626.3513	6	L 6	672.4044	336.7061
725.4197	7	V 5	559.3204	280.1641
838.5038	8	L 4	460.2520	230.6299
953.5307	9	D 3	347.1679	174.0879
1010.5522	10	G 2	232.1410	116.5744
	11	R 1	175.1195	88.0637

N-term:+29.04

AEKELCKEFENQVR, MH+ 1863.9639, m/z 466.7464
 L OS G28 P150811 220811-s1.04020.04020.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

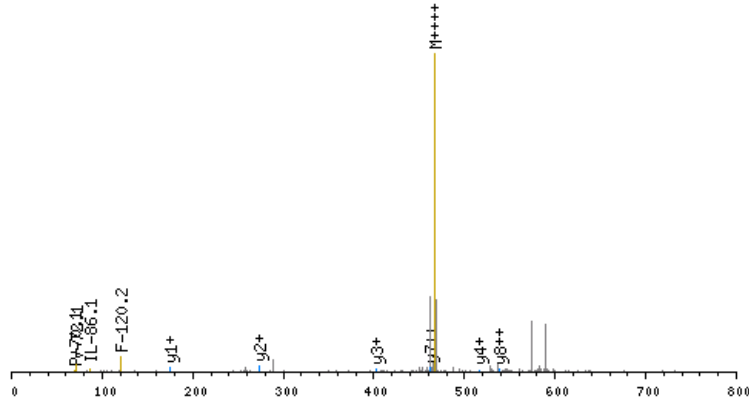
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

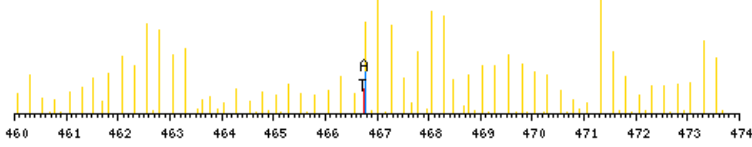
GO

scan 4020; 6.0e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4018; 466.7 m/z; 1.6e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 14		
229.1188	2	E 13	1764.8955	882.9516
385.2451	3	K 12	1635.8529	818.4304
514.2877	4	E 11	1479.7266	740.3672
627.3718	5	L 10	1350.6840	675.8459
787.4024	6	C 9	1237.5999	619.3039
943.5287	7	K 8	1077.5693	539.2886
1072.5713	8	E 7	921.4430	461.2254
1219.6397	9	F 6	792.4004	396.7041
1348.6823	10	E 5	645.3320	323.1699
1462.7252	11	N 4	516.2894	258.6486
1590.7838	12	Q 3	402.2465	201.6272
1689.8522	13	V 2	274.1879	137.5979
	14	R 1	175.1195	88.0637

N-term:+29.04 K(3):+156.13
 C(6):+160.03 K(7):+156.13

AELFDPVIQER, MH+ 1350.7481, m/z 450.9209
 H OS G25 P150811 220811-s1.06774.06774.3.dta

scan 6774; 5.2e+000

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

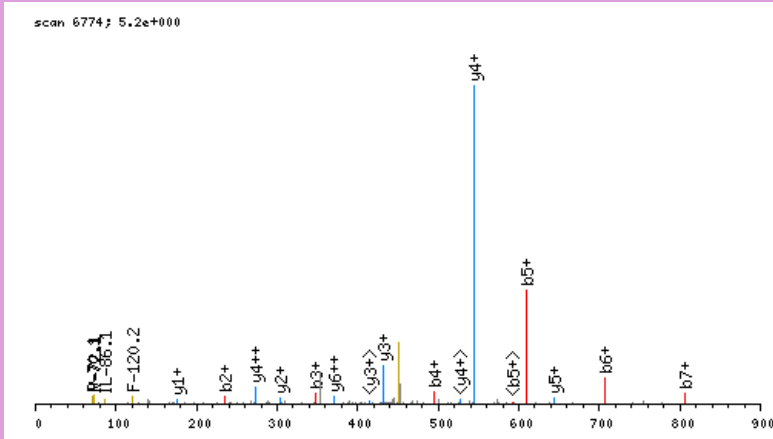
y + 2+ 3+

z + 2+ 3+

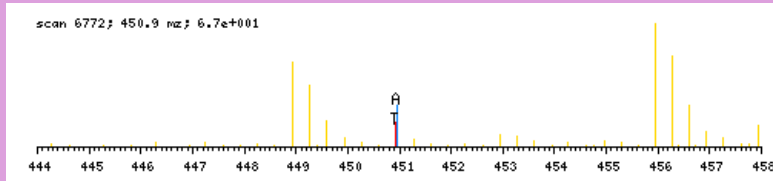
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 11		
235.1506	2	E 10	1245.6479	623.3279
348.2347	3	L 9	1116.6053	558.8066
495.3031	4	F 8	1003.5213	502.2645
610.3300	5	D 7	856.4529	428.7303
707.3828	6	P 6	741.4259	371.2169
806.4512	7	V 5	644.3731	322.6905
919.5353	8	I 4	545.3047	273.1563
1047.5938	9	Q 3	432.2207	216.6142
1176.6364	10	E 2	304.1621	152.5850
	11	R 1	175.1195	88.0637

N-term:+35.07

AEPVDVLEAWGVHR, MH+ 1605.8389, m/z 535.9511
 L OS G26 P150811 220811-s1.06607.06607.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

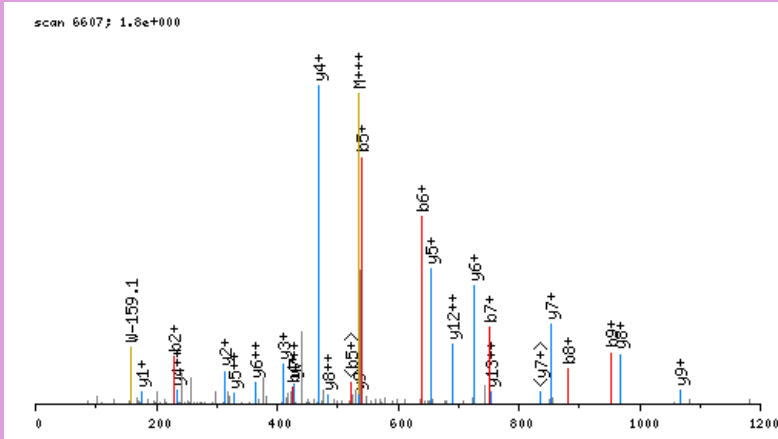
y + 2+ 3+

z + 2+ 3+

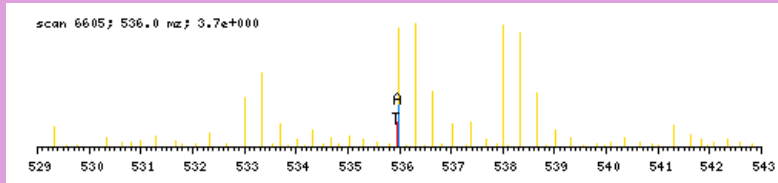
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 14		
229.1188	2	E 13	1506.7705	753.8892
326.1716	3	P 12	1377.7279	689.3679
425.2400	4	V 11	1280.6751	640.8415
540.2669	5	D 10	1181.6067	591.3073
639.3353	6	V 9	1066.5798	533.7938
752.4194	7	L 8	967.5114	484.2596
881.4620	8	E 7	854.4273	427.7176
952.4991	9	A 6	725.3847	363.1963
1138.5784	10	W 5	654.3476	327.6777
1195.5999	11	G 4	468.2683	234.6381
1294.6683	12	V 3	411.2468	206.1273
1431.7272	13	H 2	312.1784	156.5931
	14	R 1	175.1195	88.0637

N-term:+29.04

AEQPICKDVLVR, MH+ 1483.8306, m/z 495.2817
 L OS G26 P150811 220811-s1.03187.03187.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

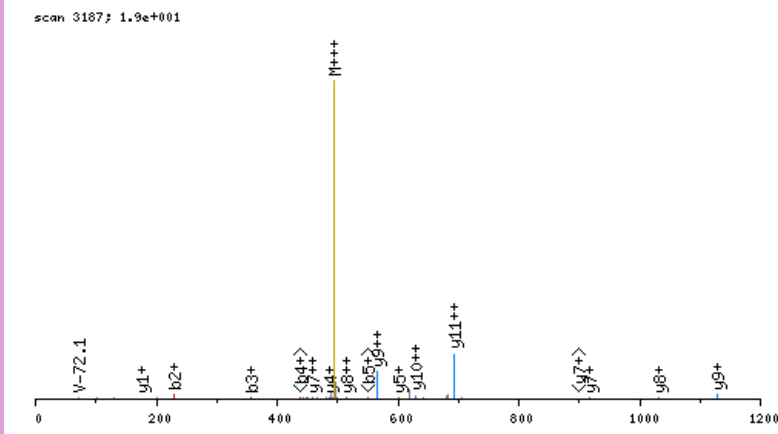
y + 2+ 3+

z + 2+ 3+

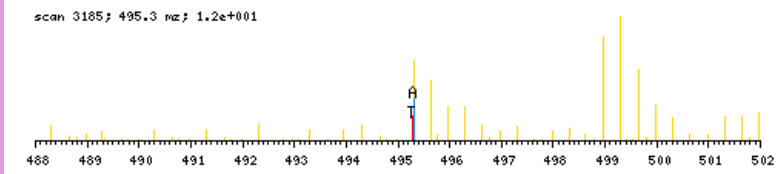
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



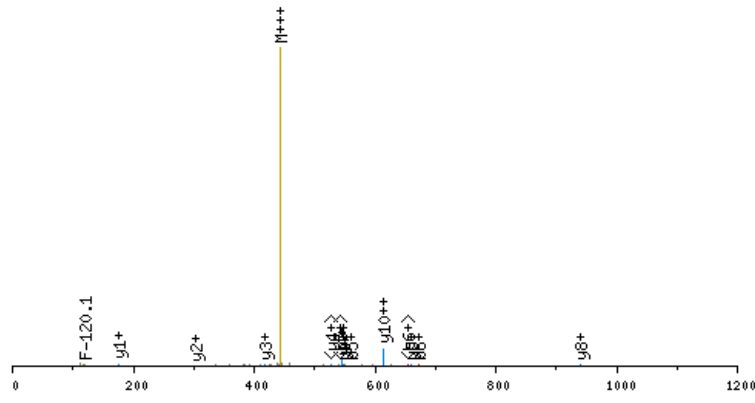
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 12		
229.1188	2	E 11	1384.7622	692.8850
357.1774	3	Q 10	1255.7196	628.3637
454.2301	4	P 9	1127.6611	564.3344
567.3142	5	I 8	1030.6083	515.8081
727.3448	6	C 7	917.5242	459.2660
883.4711	7	K 6	757.4936	379.2507
998.4981	8	D 5	601.3673	301.1876
1097.5665	9	V 4	486.3404	243.6741
1210.6505	10	L 3	387.2720	194.1399
1309.7189	11	V 2	274.1879	137.5979
	12	R 1	175.1195	88.0637

N-term:+29.04 C(6):+160.03
 K(7):+156.13

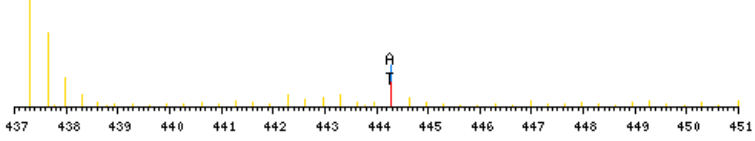
AERPALLELER, MH+ 1330.7906, m/z 444.2684
 H OS G27 P150811 220811-s1.04993.04993.3.dta

scan 4993; 1.9e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4992; 444.3 m/z; 6.1e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 11		
235.1506	2	E 10	1225.6905	613.3491
391.2517	3	R 9	1096.6479	548.8278
488.3045	4	P 8	940.5468	470.7773
559.3416	5	A 7	843.4940	422.2509
672.4257	6	L 6	772.4569	386.7324
785.5097	7	L 5	659.3728	330.1903
914.5523	8	E 4	546.2888	273.6483
1027.6364	9	L 3	417.2462	209.1270
1156.6790	10	E 2	304.1621	152.5850
	11	R 1	175.1195	88.0637

N-term:+35.07

AETFDQGAHHAFGQGR, MH+ 1819.8688, m/z 455.7227
 H OS G28 P150811 220811-s1.02976.02976.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

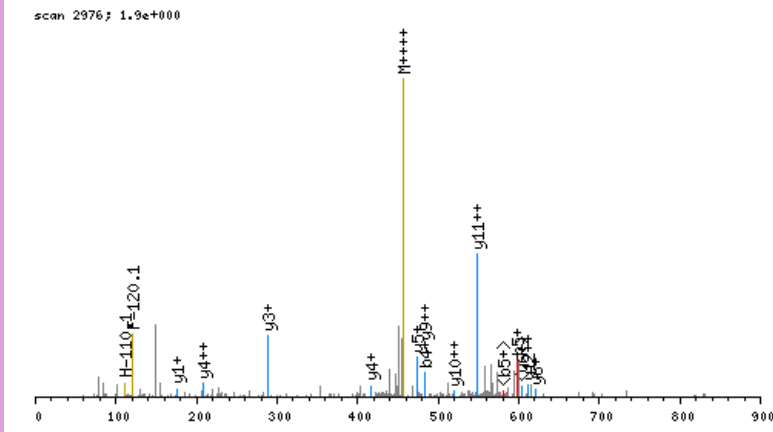
y + 2+ 3+

z + 2+ 3+

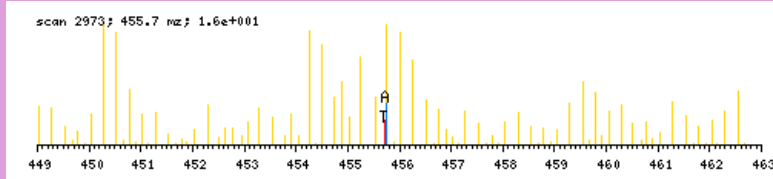
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 17		
235.1506	2	E 16	1714.7686	857.8882
336.1983	3	T 15	1585.7260	793.3669
483.2667	4	F 14	1484.6783	742.8431
598.2936	5	D 13	1337.6099	669.3089
726.3522	6	Q 12	1222.5830	611.7954
783.3737	7	G 11	1094.5244	547.7661
854.4108	8	A 10	1037.5029	519.2554
991.4697	9	H 9	966.4658	483.7368
1128.5286	10	H 8	829.4069	415.2074
1199.5657	11	A 7	692.3480	346.6779
1346.6341	12	F 6	621.3109	311.1594
1403.6556	13	G 5	474.2425	237.6251
1531.7142	14	Q 4	417.2210	209.1144
1588.7357	15	G 3	289.1624	145.0851
1645.7571	16	G 2	232.1410	116.5744
	17	R 1	175.1195	88.0637

N-term:+35.07

AETPVVAALPEFPR, MH+ 1431.8060, m/z 477.9402
 H OS G25 P150811 220811-s1.07006.07006.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

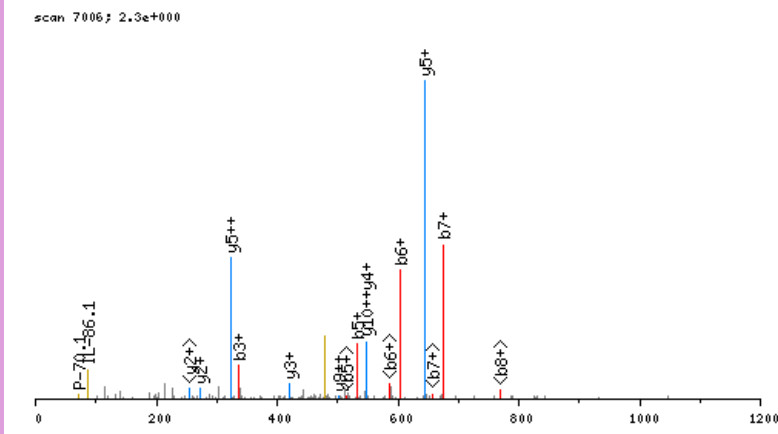
y + 2+ 3+

z + 2+ 3+

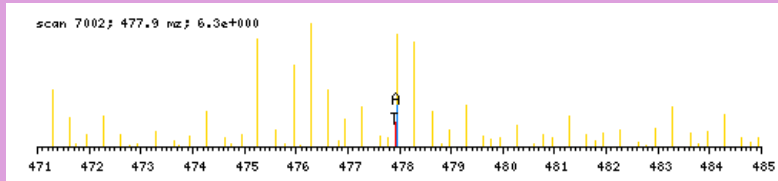
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 13		
235.1506	2	E 12	1326.7058	663.8568
336.1983	3	T 11	1197.6632	599.3355
433.2510	4	P 10	1096.6155	548.8117
532.3195	5	V 9	999.5627	500.2853
603.3566	6	A 8	900.4943	450.7511
674.3937	7	A 7	829.4572	415.2325
787.4778	8	L 6	758.4201	379.7140
884.5305	9	P 5	645.3360	323.1719
1013.5731	10	E 4	548.2833	274.6455
1160.6415	11	F 3	419.2407	210.1243
1257.6943	12	P 2	272.1723	136.5900
	13	R 1	175.1195	88.0637

N-term:+35.07

AEVGVAGPGPQR, MH+ 1293.6915, m/z 431.9020
 L OS G25 P150811 220811-s1.02425.02425.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

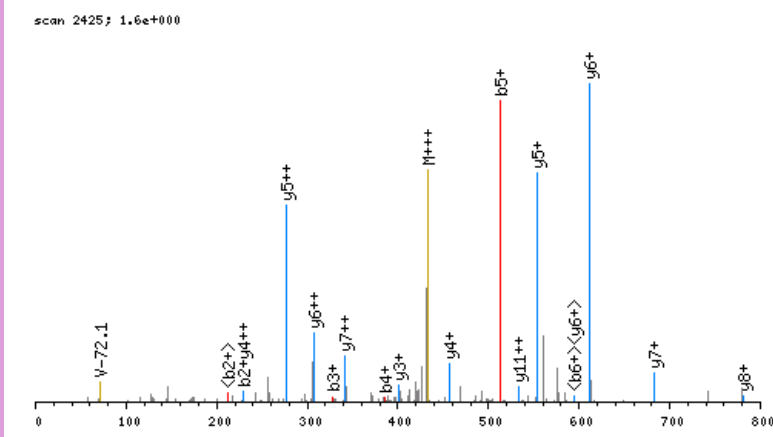
y + 2+ 3+

z + 2+ 3+

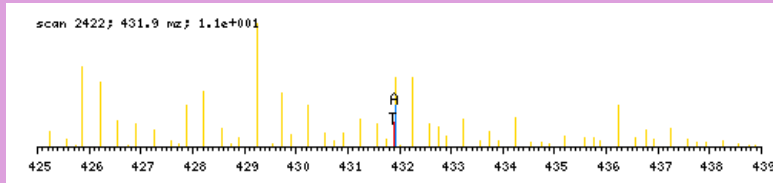
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 13		
229.1188	2	E 12	1194.6231	597.8155
328.1872	3	V 11	1065.5805	533.2942
385.2087	4	G 10	966.5121	483.7600
513.2673	5	Q 9	909.4906	455.2492
612.3357	6	V 8	781.4321	391.2199
683.3728	7	A 7	682.3636	341.6857
740.3943	8	G 6	611.3265	306.1672
837.4470	9	P 5	554.3051	277.6564
894.4685	10	G 4	457.2523	229.1301
991.5212	11	P 3	400.2308	200.6193
1119.5798	12	Q 2	303.1781	152.0930
	13	R 1	175.1195	88.0637

N-term:+29.04

AEVLNDPESMEKR, MH+ 1585.8532, m/z 529.2892
 H OS G26 P150811 220811-s1.02908.02908.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

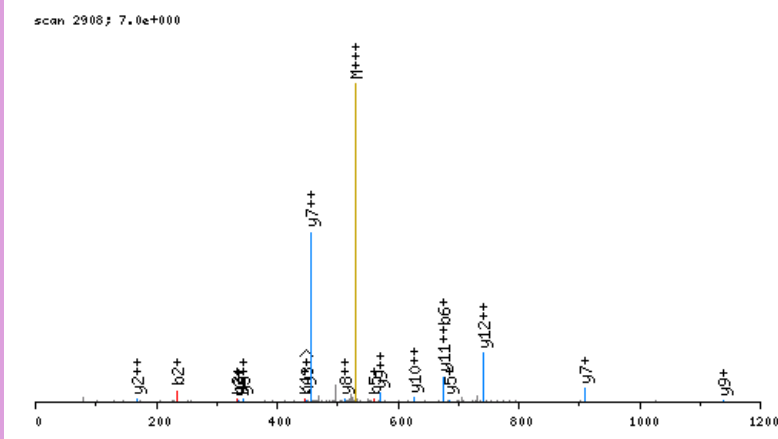
y + 2+ 3+

z + 2+ 3+

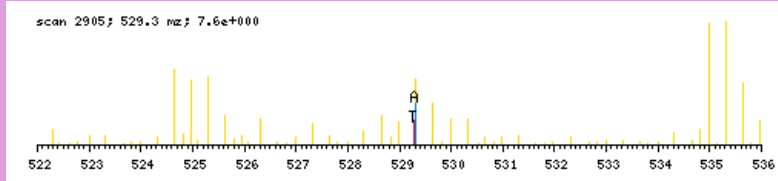
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 13		
235.1506	2	E 12	1480.7530	740.8804
334.2190	3	V 11	1351.7104	676.3591
447.3031	4	L 10	1252.6420	626.8249
561.3460	5	N 9	1139.5579	570.2829
676.3730	6	D 8	1025.5150	513.2614
773.4257	7	P 7	910.4881	455.7479
902.4683	8	E 6	813.4353	407.2216
989.5003	9	S 5	684.3927	342.7003
1120.5408	10	M 4	597.3607	299.1843
1249.5834	11	E 3	466.3202	233.6640
1411.7415	12	K 2	337.2776	169.1427
	13	R 1	175.1195	88.0637

N-term:+35.07 K(12):+162.16

AEVSTIHLQSPGR, MH+ 1428.8023, m/z 476.9389
 H OS G27 P150811 220811-s1.03614.03614.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

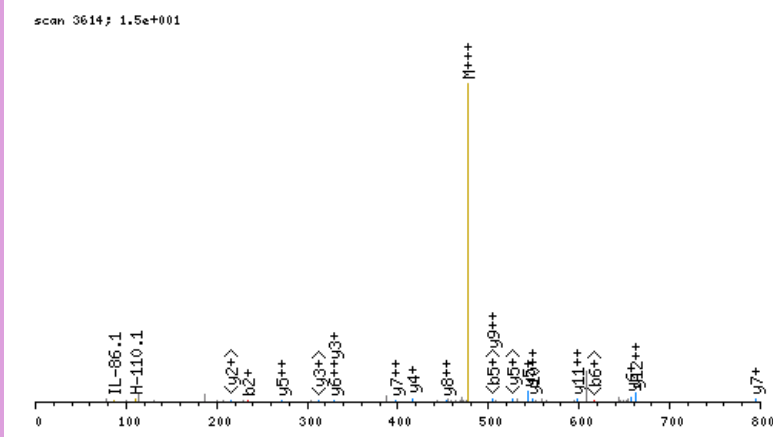
y + 2+ 3+

z + 2+ 3+

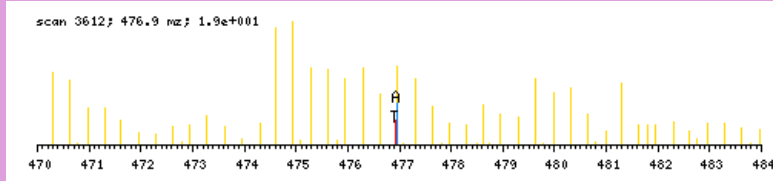
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



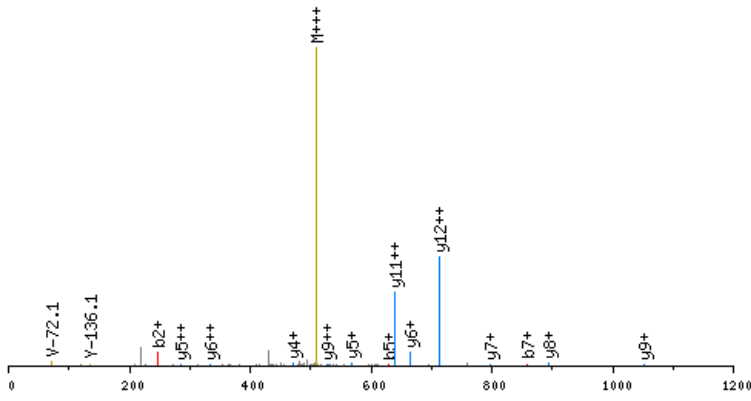
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 13		
235.1506	2	E 12	1323.7021	662.3550
334.2190	3	V 11	1194.6595	597.8337
421.2510	4	S 10	1095.5911	548.2995
522.2987	5	T 9	1008.5591	504.7834
635.3828	6	I 8	907.5114	454.2596
772.4417	7	H 7	794.4273	397.7176
885.5258	8	L 6	657.3684	329.1881
1013.5843	9	Q 5	544.2843	272.6461
1100.6164	10	S 4	416.2258	208.6168
1197.6691	11	P 3	329.1937	165.1008
1254.6906	12	G 2	232.1410	116.5744
	13	R 1	175.1195	88.0637

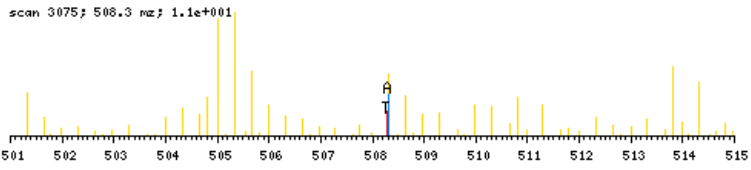
N-term:+35.07

AFPQKVMPPPQAR, MH+ 1522.8568, m/z 508.2905
 L OS G26 P150811 220811-s1.03079.03079.3.dta

scan 3079; 8.1e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 13		
247.1446	2	F 12	1423.7884	712.3981
344.1974	3	P 11	1276.7200	638.8639
472.2560	4	Q 10	1179.6673	590.3375
628.3823	5	K 9	1051.6087	526.3083
727.4507	6	V 8	895.4824	448.2451
858.4912	7	M 7	796.4140	398.7109
955.5439	8	P 6	665.3735	333.1907
1052.5967	9	P 5	568.3207	284.6643
1149.6495	10	P 4	471.2680	236.1379
1277.7080	11	Q 3	374.2152	187.6115
1348.7452	12	A 2	246.1566	123.5822
	13	R 1	175.1195	88.0637

N-term:+29.04 K(5):+156.13

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

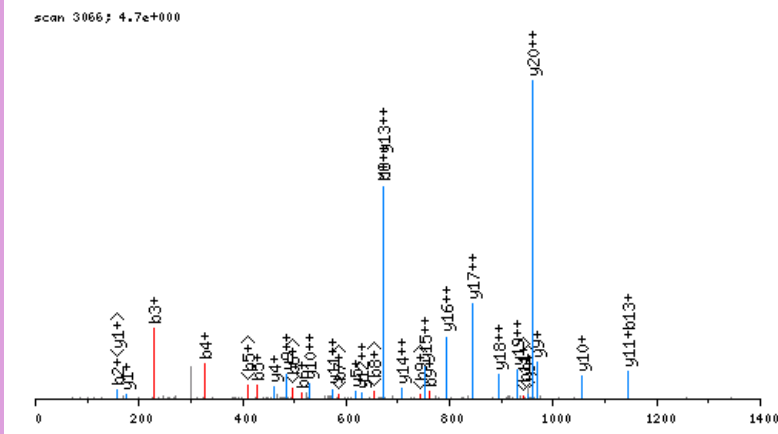
y + 2+ 3+

z + 2+ 3+

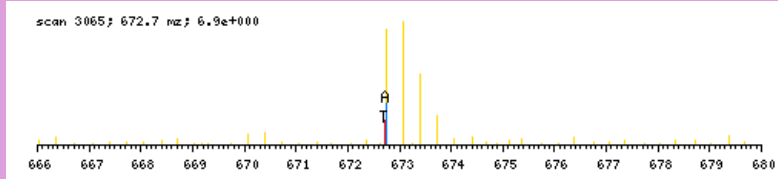
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 21		
157.0977	2	G 20	1917.0406	959.0242
228.1348	3	A 19	1860.0191	930.5135
327.2032	4	V 18	1788.9820	894.9949
428.2509	5	T 17	1689.9136	845.4607
515.2829	6	S 16	1588.8659	794.9369
602.3149	7	S 15	1501.8339	751.4208
673.3521	8	A 14	1414.8018	707.9048
760.3841	9	S 13	1343.7647	672.3863
873.4681	10	L 12	1256.7327	628.8703
960.5002	11	S 11	1143.6486	572.3282
1047.5322	12	S 10	1056.6166	528.8122
1144.5850	13	P 9	969.5846	485.2962
1215.6221	14	A 8	872.5318	436.7698
1328.7061	15	L 7	801.4947	401.2513
1399.7433	16	A 6	688.4106	344.7092
1555.8696	17	K 5	617.3735	309.1907
1612.8910	18	G 4	461.2472	231.1275
1713.9387	19	T 3	404.2258	202.6168
1841.9973	20	Q 2	303.1781	152.0930
	21	R 1	175.1195	88.0637

N-term:+29.04 K(17):+156.13

AGDAFGDTSFLTSLTKAR, MH+ 1699.8655, m/z 567.2934
 L OS G26 P150811 220811-s1.04784.04784.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

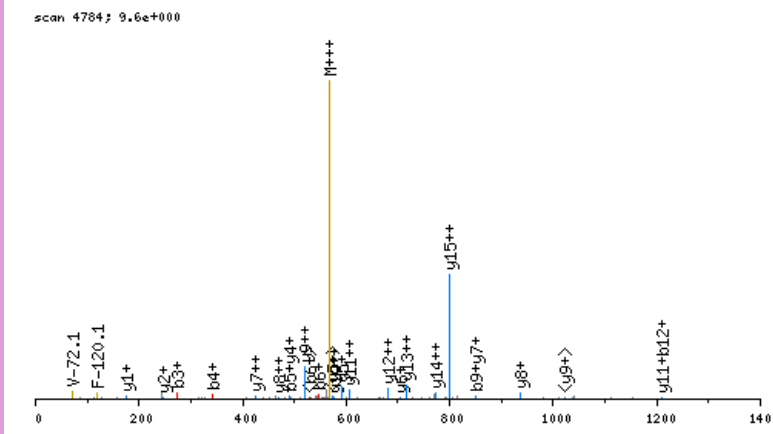
y + 2+ 3+

z + 2+ 3+

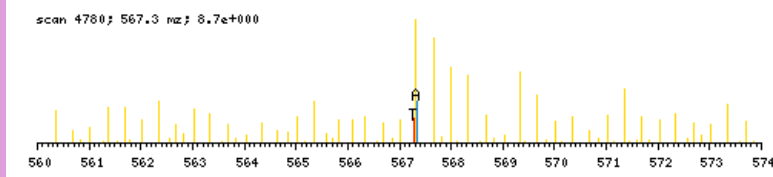
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 16		
157.0977	2	G 15	1600.7971	800.9025
272.1246	3	D 14	1543.7757	772.3918
343.1617	4	A 13	1428.7487	714.8783
490.2301	5	F 12	1357.7116	679.3597
547.2516	6	G 11	1210.6432	605.8255
662.2786	7	D 10	1153.6217	577.3148
763.3262	8	T 9	1038.5948	519.8013
850.3583	9	S 8	937.5471	469.2775
997.4267	10	F 7	850.5151	425.7615
1110.5107	11	L 6	703.4467	352.2273
1211.5584	12	T 5	590.3626	295.6852
1298.5904	13	S 4	489.3149	245.1614
1454.7167	14	K 3	402.2829	201.6454
1525.7539	15	A 2	246.1566	123.5822
	16	R 1	175.1195	88.0637

N-term:+29.04 K(14):+156.13

AGEEAAADSPPELPR, MH+ 1369.6599, m/z 685.3336
 L OS G25 P150811 220811-s1.03226.03226.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

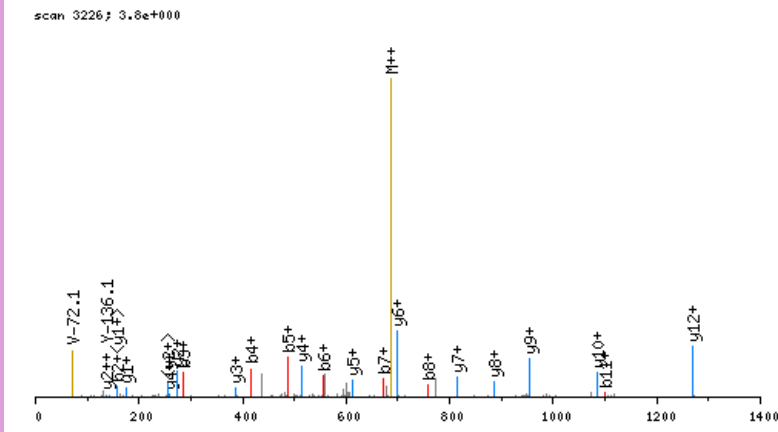
y + 2+ 3+

z + 2+ 3+

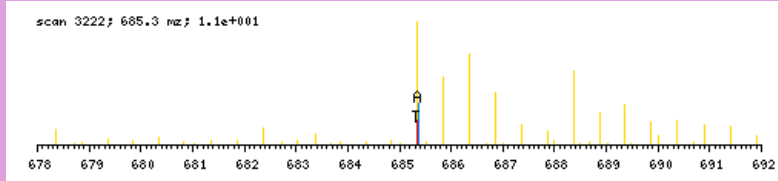
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 13		
157.0977	2	G 12	1270.5915	635.7997
286.1403	3	E 11	1213.5701	607.2889
415.1829	4	E 10	1084.5275	542.7677
486.2200	5	A 9	955.4849	478.2464
557.2571	6	A 8	884.4478	442.7278
672.2840	7	D 7	813.4107	407.2092
759.3161	8	S 6	698.3837	349.6958
856.3688	9	P 5	611.3517	306.1798
985.4114	10	E 4	514.2989	257.6534
1098.4955	11	L 3	385.2563	193.1321
1195.5482	12	P 2	272.1723	136.5900
	13	R 1	175.1195	88.0637

N-term:+29.04

AGEEMEQFGQGV, MH+ 1465.6745, m/z 489.2297
 L OS G25 P150811 220811-s1.04335.04335.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

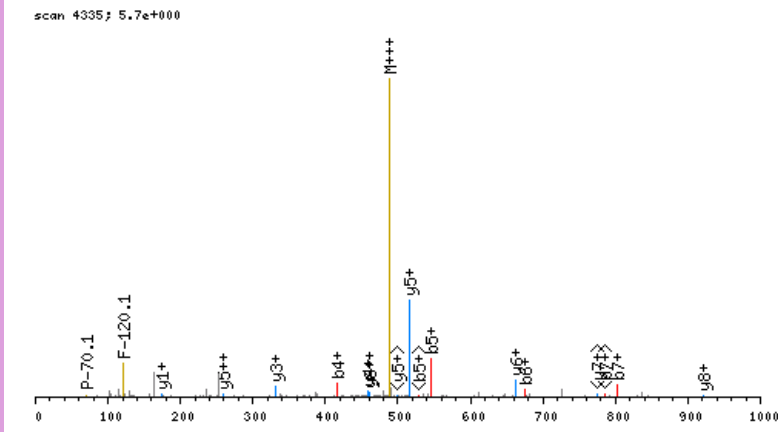
y + 2+ 3+

z + 2+ 3+

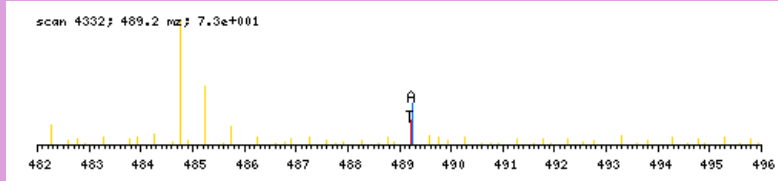
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 13		
157.0977	2	G 12	1366.6061	683.8070
286.1403	3	E 11	1309.5847	655.2963
415.1829	4	E 10	1180.5421	590.7750
546.2233	5	M 9	1051.4995	526.2537
675.2659	6	E 8	920.4590	460.7334
803.3245	7	Q 7	791.4164	396.2121
950.3929	8	F 6	663.3578	332.1828
1007.4144	9	G 5	516.2894	258.6486
1135.4730	10	Q 4	459.2680	230.1379
1192.4944	11	G 3	331.2094	166.1086
1291.5629	12	V 2	274.1879	137.5979
	13	R 1	175.1195	88.0637

N-term:+29.04

AGFAGDDAPR, MH+ 1010.5119, m/z 505.7596
 H OS G25 P150811 220811-s1.02334.02334.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

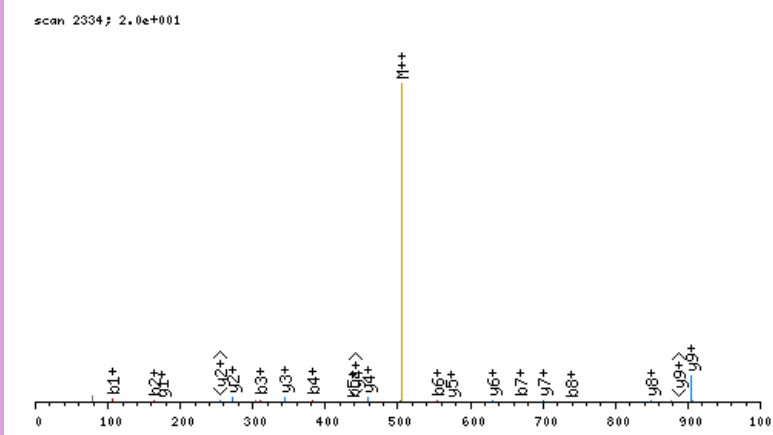
y + 2+ 3+

z + 2+ 3+

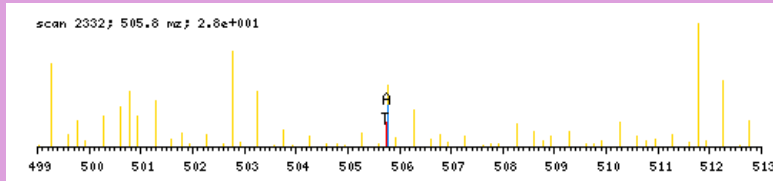
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
106.1080	1	A	10		
163.1295	2	G	9	905.4117	453.2098
310.1979	3	F	8	848.3903	424.6990
381.2350	4	A	7	701.3218	351.1648
438.2565	5	G	6	630.2847	315.6463
553.2834	6	D	5	573.2633	287.1355
668.3104	7	D	4	458.2363	229.6221
739.3475	8	A	3	343.2094	172.1086
836.4002	9	P	2	272.1723	136.5900
	10	R	1	175.1195	88.0637

N-term: +35.07

AGGEAGVTLGQPHLSR, MH+ 1577.8400, m/z 526.6182
 L OS G25 P150811 220811-s1.04778.04778.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

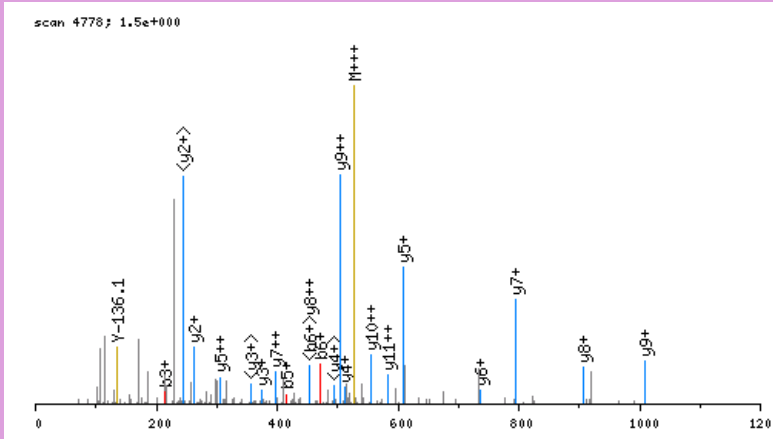
y + 2+ 3+

z + 2+ 3+

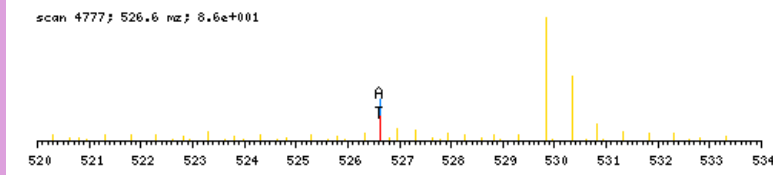
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



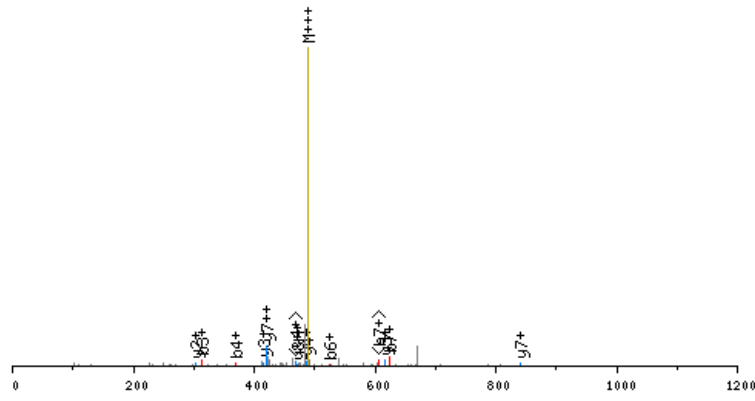
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
100.0762	1	A	16		
157.0977	2	G	15	1478.7716	739.8897
214.1191	3	G	14	1421.7501	711.3790
343.1617	4	E	13	1364.7286	682.8682
414.1988	5	A	12	1235.6860	618.3469
471.2203	6	G	11	1164.6489	582.8284
570.2887	7	V	10	1107.6275	554.3176
671.3364	8	T	9	1008.5591	504.7834
784.4205	9	L	8	907.5114	454.2596
841.4419	10	G	7	794.4273	397.7176
969.5005	11	Q	6	737.4058	369.2068
1066.5533	12	P	5	609.3473	305.1775
1203.6122	13	H	4	512.2945	256.6512
1316.6962	14	L	3	375.2356	188.1217
1403.7283	15	S	2	262.1515	131.5797
	16	R	1	175.1195	88.0637

N-term:+29.04

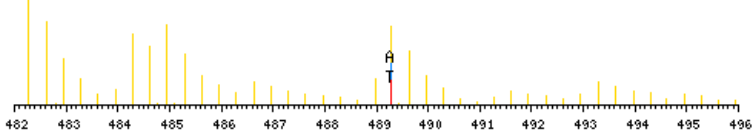
AGKGGPTPQEAIQR, MH+ 1465.8127, m/z 489.2758
 L OS G27 P150811 220811-s1.02215.02215.3.dta

scan 2215; 1.1e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2212; 489.3 m/z; 1.5e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 14		
157.0977	2	G 13	1366.7443	683.8761
313.2240	3	K 12	1309.7229	655.3653
370.2454	4	G 11	1153.5966	577.3022
427.2669	5	G 10	1096.5751	548.7915
524.3197	6	P 9	1039.5536	520.2807
625.3673	7	T 8	942.5009	471.7543
722.4201	8	P 7	841.4532	421.2305
850.4787	9	Q 6	744.4004	372.7041
979.5213	10	E 5	616.3418	308.6748
1050.5584	11	A 4	487.2993	244.1535
1163.6425	12	I 3	416.2621	208.6350
1291.7010	13	Q 2	303.1781	152.0930
	14	R 1	175.1195	88.0637

N-term:+29.04 K(3):+156.13

AGLHGDQGAPGVPVGPAGPR, MH+ 1744.9307, m/z 582.3151
 H OS G27 P150811 220811-s1.02950.02950.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

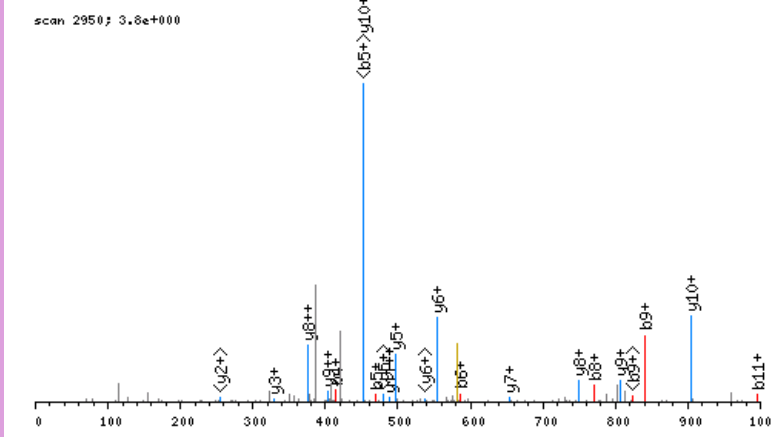
y + 2+ 3+

z + 2+ 3+

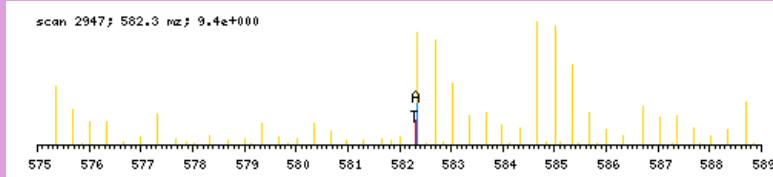
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



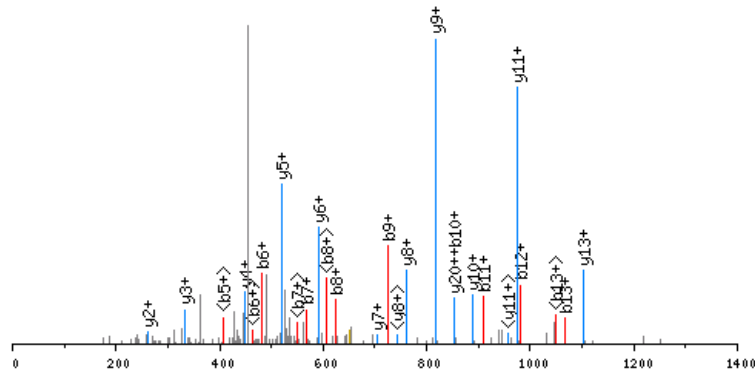
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 19		
163.1295	2	G 18	1639.8305	820.4192
276.2135	3	L 17	1582.8090	791.9084
413.2725	4	H 16	1469.7249	735.3664
470.2939	5	G 15	1332.6660	666.8369
585.3209	6	D 14	1275.6446	638.3262
713.3794	7	Q 13	1160.6176	580.8127
770.4009	8	G 12	1032.5591	516.7834
841.4380	9	A 11	975.5376	488.2727
938.4908	10	P 10	904.5005	452.7542
995.5122	11	G 9	807.4477	404.2278
1092.5650	12	P 8	750.4262	375.7170
1191.6334	13	V 7	653.3735	327.1907
1248.6549	14	G 6	554.3051	277.6564
1345.7076	15	P 5	497.2836	249.1457
1416.7448	16	A 4	400.2308	200.6193
1473.7662	17	G 3	329.1937	165.1008
1570.8190	18	P 2	272.1723	136.5900
	19	R 1	175.1195	88.0637

N-term:+35.07

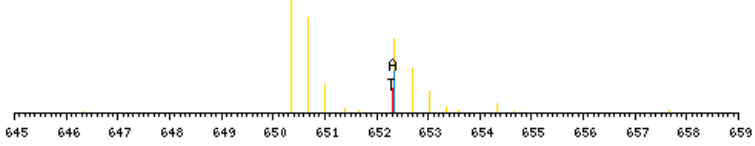
AGSSSGVQASAGGLAADASR, MH+ 1954.9642, m/z 652.3263
 H OS G24 P150811 220811-s1.02798.02798.3.dta

scan 2798; 1.1e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 2796; 652.3 m/z; 1.9e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

0 - 0

MassTol: Y-zoom:

0. 1.

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 23		
163.1295	2	G 22	1849.8640	925.4359
250.1615	3	S 21	1792.8426	896.9252
337.1935	4	S 20	1705.8105	853.4092
424.2256	5	S 19	1618.7785	809.8932
481.2470	6	G 18	1531.7465	766.3771
568.2791	7	S 17	1474.7250	737.8664
625.3005	8	G 16	1387.6930	694.3504
724.3689	9	V 15	1330.6715	665.8397
852.4275	10	Q 14	1231.6031	616.3055
909.4490	11	G 13	1103.5445	552.2762
980.4861	12	A 12	1046.5231	523.7654
1067.5181	13	S 11	975.4859	488.2469
1138.5552	14	A 10	888.4539	444.7309
1195.5767	15	G 9	817.4168	409.2123
1252.5982	16	G 8	760.3953	380.7016
1365.6822	17	L 7	703.3739	352.1909
1436.7193	18	A 6	590.2898	295.6488
1507.7564	19	A 5	519.2527	260.1303
1622.7834	20	D 4	448.2156	224.6117
1693.8205	21	A 3	333.1886	167.0982
1780.8525	22	S 2	262.1515	131.5797
	23	R 1	175.1195	88.0637

N-term:+35.07

AGVGEFEAGISKNGQTR, MH+ 1788.9880, m/z 597.0009
 H OS G26 P150811 220811-s1.03312.03312.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

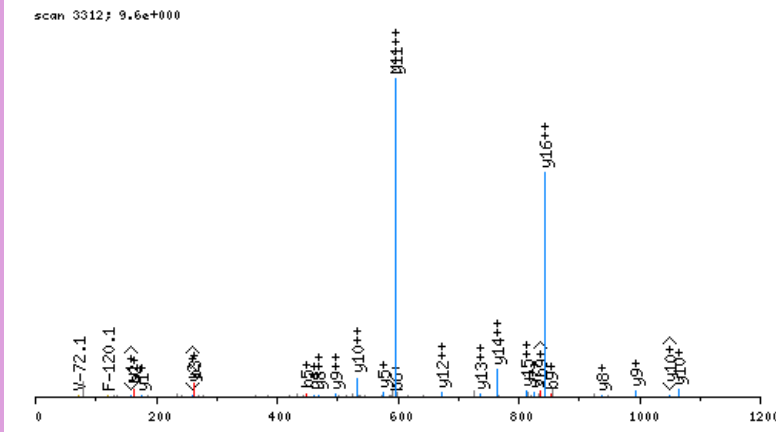
y + 2+ 3+

z + 2+ 3+

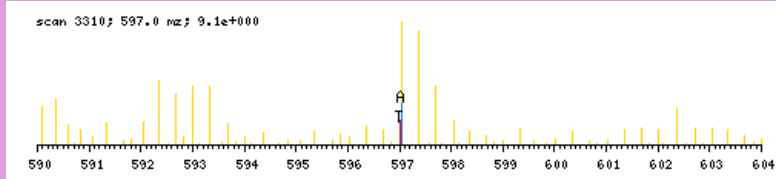
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
106.1080	1	A	17		
163.1295	2	G	16	1683.8879	842.4478
262.1979	3	V	15	1626.8664	813.9371
319.2194	4	G	14	1527.7980	764.4029
448.2619	5	E	13	1470.7765	735.8922
595.3304	6	F	12	1341.7339	671.3709
724.3730	7	E	11	1194.6655	597.8367
795.4101	8	A	10	1065.6229	533.3154
852.4315	9	G	9	994.5858	497.7968
965.5156	10	I	8	937.5643	469.2861
1052.5476	11	S	7	824.4803	412.7441
1214.7057	12	K	6	737.4482	369.2280
1328.7487	13	N	5	575.2901	288.1490
1385.7701	14	G	4	461.2472	231.1275
1513.8287	15	Q	3	404.2258	202.6168
1614.8764	16	T	2	276.1672	138.5875
	17	R	1	175.1195	88.0637

N-term:+35.07 K(12):+162.16

AGVLDKEGPGAEELR, MH+ 1596.8597, m/z 532.9581
 L OS G26 P150811 220811-s1.03207.03207.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

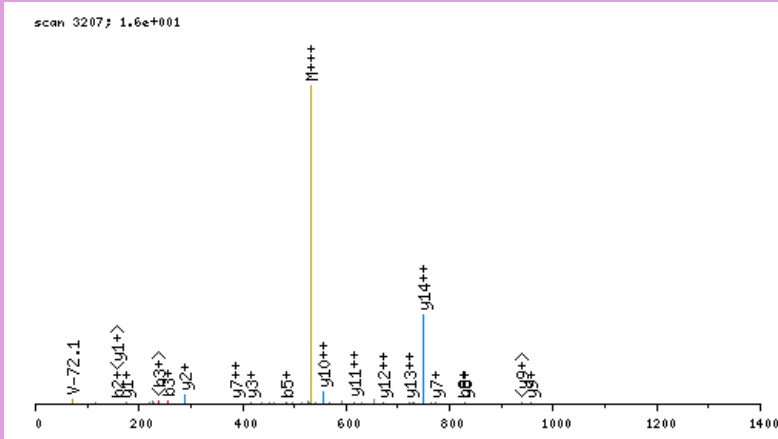
y + 2+ 3+

z + 2+ 3+

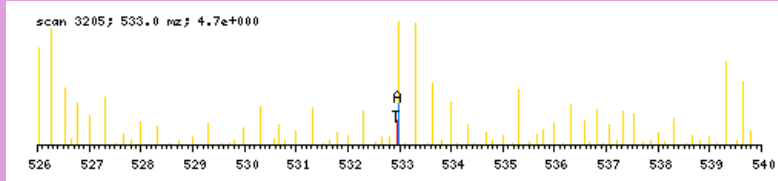
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

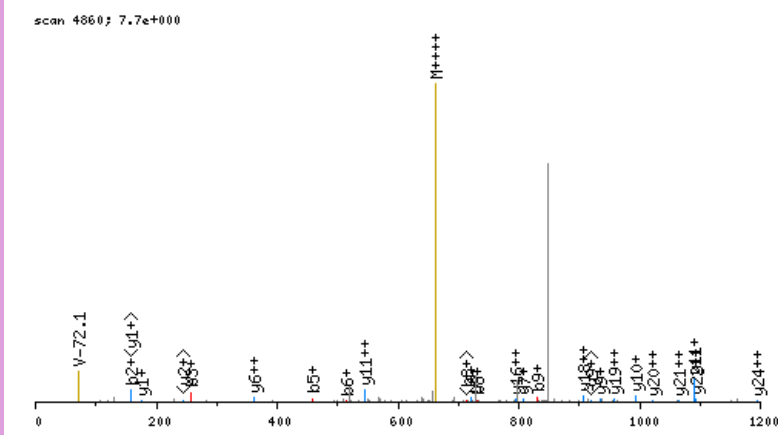


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

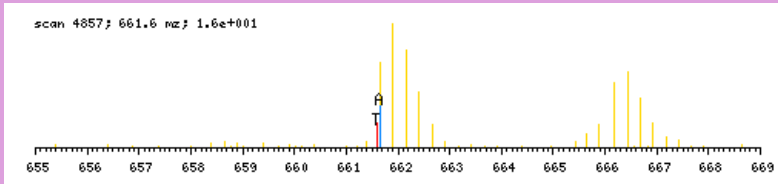
b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 15		
157.0977	2	G 14	1497.7913	749.3996
256.1661	3	V 13	1440.7699	720.8888
369.2502	4	L 12	1341.7015	671.3546
484.2771	5	D 11	1228.6174	614.8126
640.4034	6	K 10	1113.5904	557.2991
769.4460	7	E 9	957.4641	479.2360
826.4675	8	G 8	828.4216	414.7147
923.5202	9	P 7	771.4001	386.2040
980.5417	10	G 6	674.3473	337.6776
1051.5788	11	A 5	617.3259	309.1668
1180.6214	12	E 4	546.2888	273.6483
1309.6640	13	E 3	417.2462	209.1270
1422.7480	14	L 2	288.2036	144.6057
	15	R 1	175.1195	88.0637

N-term:+29.04 K(6):+156.13

AGVSDGSEVAKAQAAPGGASPTIFSR, MH+ 2643.4107, m/z 661.6081
 L OS G27 P150811 220811-s1.04860.04860.4.dta



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



b ⁺	#	AA	#	y ⁺	y ²⁺
100.0762	1	A	27		
157.0977	2	G	26	2544.3423	1272.6750
256.1661	3	V	25	2487.3208	1244.1643
343.1981	4	S	24	2388.2524	1194.6301
458.2251	5	D	23	2301.2204	1151.1141
515.2465	6	G	22	2186.1934	1093.6006
602.2786	7	S	21	2129.1720	1065.0899
731.3211	8	E	20	2042.1399	1021.5739
830.3896	9	V	19	1913.0973	957.0526
901.4267	10	A	18	1814.0289	907.5184
1057.5530	11	K	17	1742.9918	871.9998
1128.5901	12	A	16	1586.8655	793.9367
1256.6487	13	Q	15	1515.8284	758.4181
1412.7750	14	K	14	1387.7698	694.3888
1483.8121	15	A	13	1231.6435	616.3257
1554.8492	16	A	12	1160.6064	580.8071
1651.9020	17	P	11	1089.5693	545.2886
1708.9234	18	G	10	992.5165	496.7622
1765.9449	19	G	9	935.4951	468.2514
1836.9820	20	A	8	878.4736	439.7407
1924.0140	21	S	7	807.4365	404.2222
2021.0668	22	P	6	720.4044	360.7061
2122.1145	23	T	5	623.3517	312.1798
2235.1985	24	I	4	522.3040	261.6559
2382.2669	25	F	3	409.2199	205.1139
2469.2990	26	S	2	262.1515	131.5797
	27	R	1	175.1195	88.0637

N-term: +29.04 K(11): +156.13
 K(14): +156.13

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

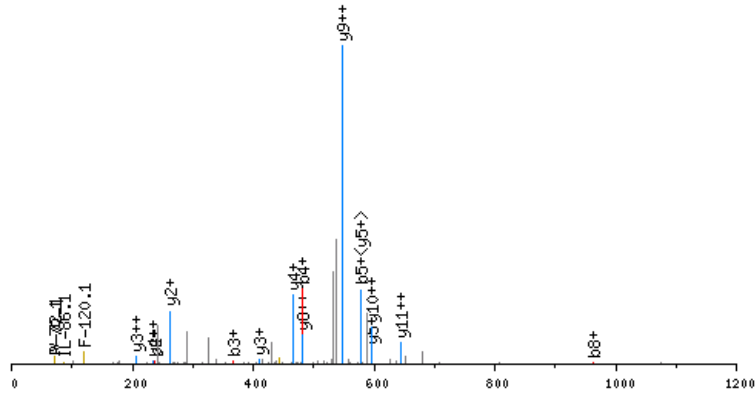
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

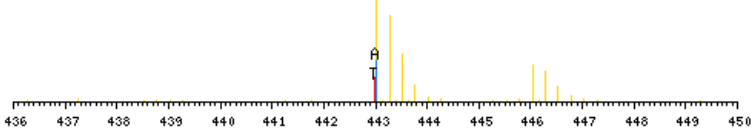
GO

scan 7974; 3.0e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 7973; 443.0 m/z; 2.0e+002



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 15		
237.1351	2	H 14	1669.8550	835.4314
366.1777	3	E 13	1532.7961	766.9020
481.2047	4	D 12	1403.7535	702.3807
578.2574	5	P 11	1288.7265	644.8672
677.3258	6	V 10	1191.6738	596.3408
806.3684	7	E 9	1092.6054	546.8066
962.4947	8	K 8	963.5628	482.2853
1061.5631	9	V 7	807.4365	404.2222
1174.6472	10	I 6	708.3681	354.6879
1303.6898	11	E 5	595.2840	298.1459
1360.7113	12	G 4	466.2414	233.6246
1507.7797	13	F 3	409.2199	205.1139
1594.8117	14	S 2	262.1515	131.5797
	15	R 1	175.1195	88.0637

N-term:+29.04 K(8):+156.13

AHGSVVKSEDYAFPTYADR, MH+ 2169.0617, m/z 543.0209
 L OS G28 P150811 220811-s1.04857.04857.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

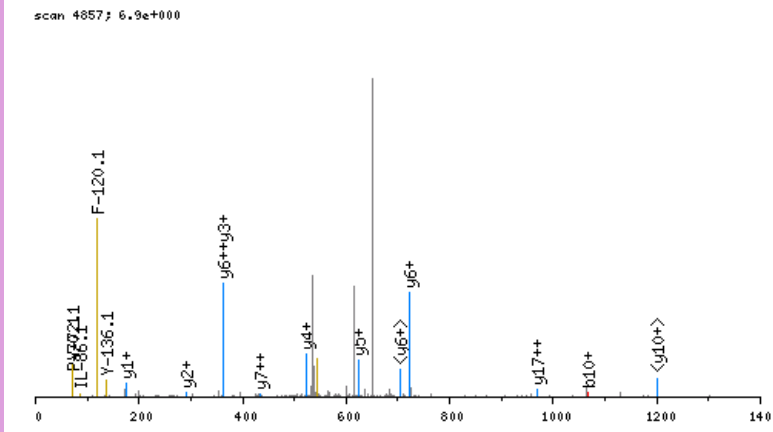
y + 2+ 3+

z + 2+ 3+

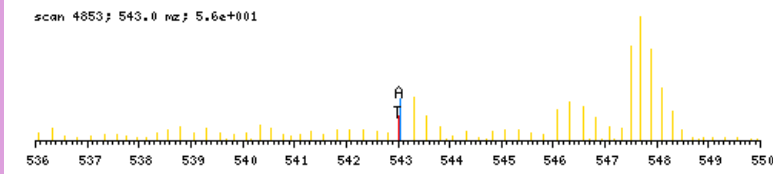
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
100.0762	1	A	19		
237.1351	2	H	18	2069.9933	1035.5006
294.1566	3	G	17	1932.9344	966.9711
381.1886	4	S	16	1875.9129	938.4604
480.2570	5	V	15	1788.8809	894.9444
579.3254	6	V	14	1689.8125	845.4101
735.4517	7	K	13	1590.7440	795.8759
822.4838	8	S	12	1434.6177	717.8128
951.5264	9	E	11	1347.5857	674.2968
1066.5533	10	D	10	1218.5431	609.7755
1229.6166	11	Y	9	1103.5162	552.2620
1300.6538	12	A	8	940.4529	470.7303
1447.7222	13	F	7	869.4157	435.2118
1544.7749	14	P	6	722.3473	361.6776
1645.8226	15	T	5	625.2946	313.1512
1808.8859	16	Y	4	524.2469	262.6274
1879.9231	17	A	3	361.1836	181.0957
1994.9500	18	D	2	290.1464	145.5771
	19	R	1	175.1195	88.0637

N-term:+29.04 K(7):+156.13

AHGSVVKSEDYAFPTYADRR, MH+ 2325.1628, m/z 582.0462
 L OS G28 P150811 220811-s1.04341.04341.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

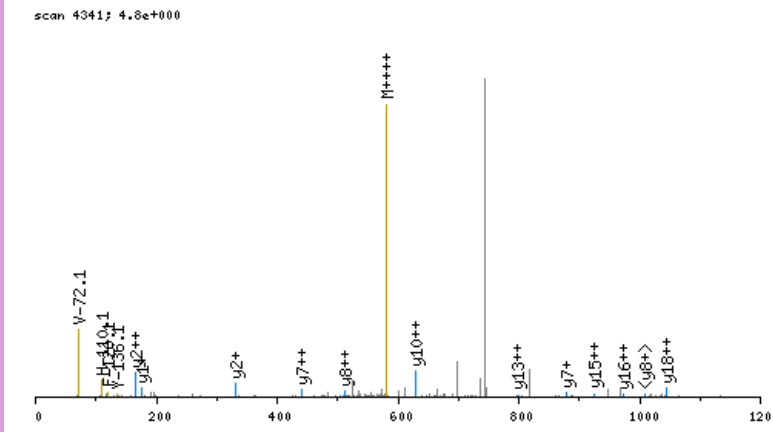
y + 2+ 3+

z + 2+ 3+

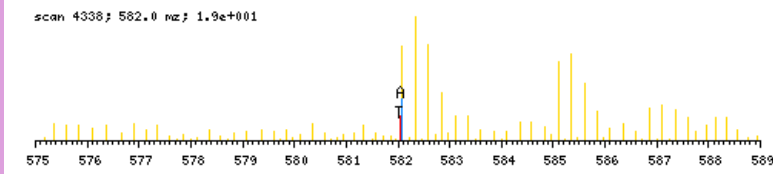
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



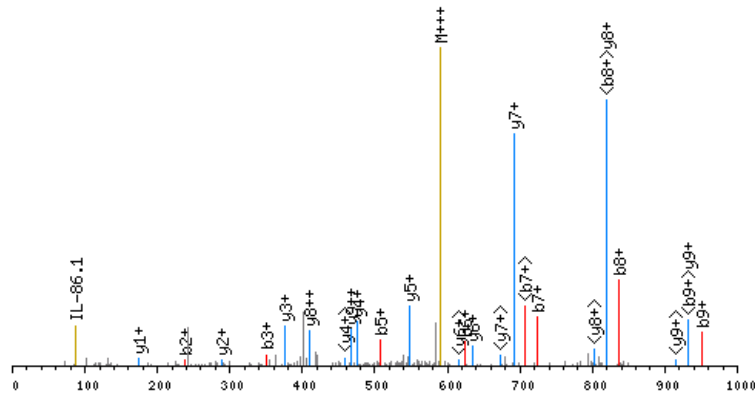
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
100.0762	1	A	20		
237.1351	2	H	19	2226.0944	1113.5511
294.1566	3	G	18	2089.0355	1045.0217
381.1886	4	S	17	2032.0140	1016.5109
480.2570	5	V	16	1944.9820	972.9949
579.3254	6	V	15	1845.9136	923.4607
735.4517	7	K	14	1746.8452	873.9265
822.4838	8	S	13	1590.7189	795.8633
951.5264	9	E	12	1503.6868	752.3473
1066.5533	10	D	11	1374.6442	687.8260
1229.6166	11	Y	10	1259.6173	630.3126
1300.6538	12	A	9	1096.5540	548.7809
1447.7222	13	F	8	1025.5169	513.2623
1544.7749	14	P	7	878.4484	439.7281
1645.8226	15	T	6	781.3957	391.2018
1808.8859	16	Y	5	680.3480	340.6779
1879.9231	17	A	4	517.2847	259.1462
1994.9500	18	D	3	446.2476	223.6277
2151.0511	19	R	2	331.2206	166.1142
	20	R	1	175.1195	88.0637

N-term:+29.04 K(7):+156.13

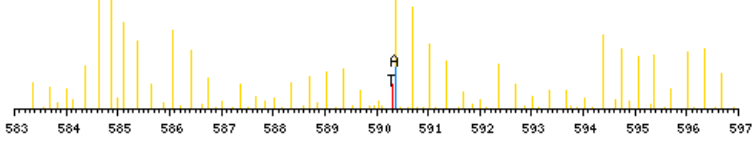
AHLTGDTIIQGSATSLR, MH+ 1768.9557, m/z 590.3234
 L OS G27 P150811 220811-s1.04980.04980.3.dta

scan 4980; 2.2e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4977; 590.3 m/z; 7.1e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 17		
237.1351	2	H 16	1669.8873	835.4476
350.2192	3	L 15	1532.8284	766.9181
451.2669	4	T 14	1419.7443	710.3761
508.2883	5	G 13	1318.6967	659.8522
623.3153	6	D 12	1261.6752	631.3415
724.3630	7	T 11	1146.6483	573.8280
837.4470	8	I 10	1045.6006	523.3042
950.5311	9	I 9	932.5165	466.7622
1078.5897	10	Q 8	819.4325	410.2201
1135.6111	11	G 7	691.3739	346.1909
1222.6432	12	S 6	634.3524	317.6801
1293.6803	13	A 5	547.3204	274.1641
1394.7279	14	T 4	476.2833	238.6455
1481.7600	15	S 3	375.2356	188.1217
1594.8440	16	L 2	288.2036	144.6057
	17	R 1	175.1195	88.0637

N-term:+29.04

AILVDLEPGTMSVR, MH+ 1643.8678, m/z 548.6275
 L OS G24 P150811 220811-s1.04576.04576.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

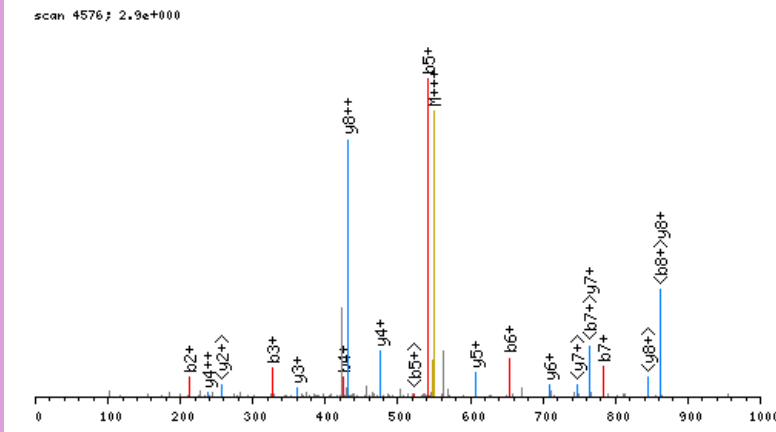
y + 2+ 3+

z + 2+ 3+

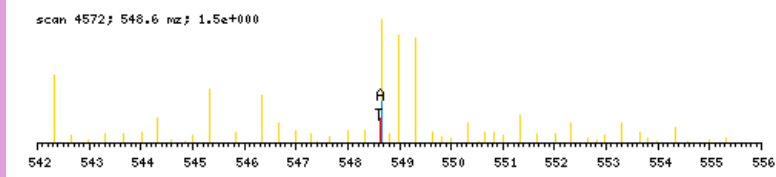
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 15		
213.1603	2	I 14	1544.7994	772.9036
326.2443	3	L 13	1431.7154	716.3616
425.3128	4	V 12	1318.6313	659.8196
540.3397	5	D 11	1219.5629	610.2854
653.4238	6	L 10	1104.5359	552.7719
782.4664	7	E 9	991.4519	496.2298
879.5191	8	P 8	862.4093	431.7086
936.5406	9	G 7	765.3565	383.1822
1037.5883	10	T 6	708.3350	354.6714
1168.6287	11	M 5	607.2874	304.1476
1283.6557	12	D 4	476.2469	238.6274
1370.6877	13	S 3	361.2199	181.1139
1469.7561	14	V 2	274.1879	137.5979
	15	R 1	175.1195	88.0637

N-term:+29.04

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

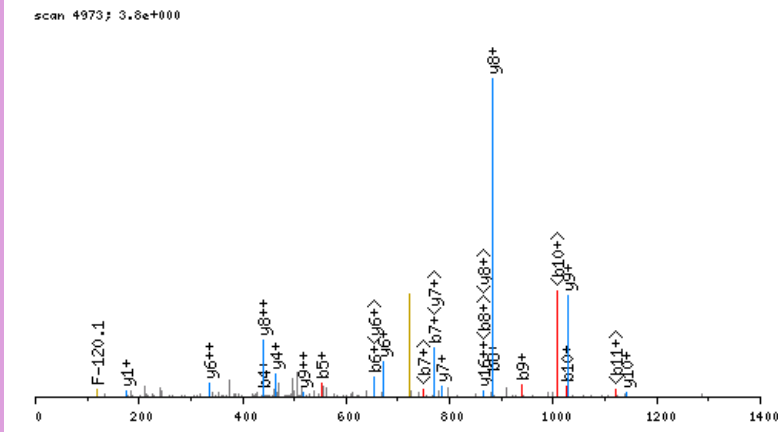
y + 2+ 3+

z + 2+ 3+

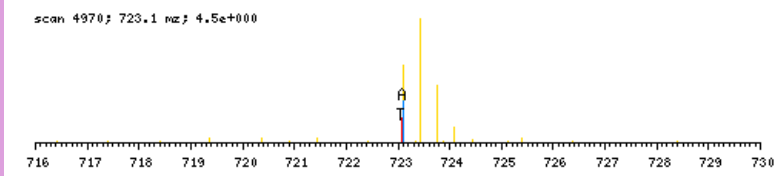
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



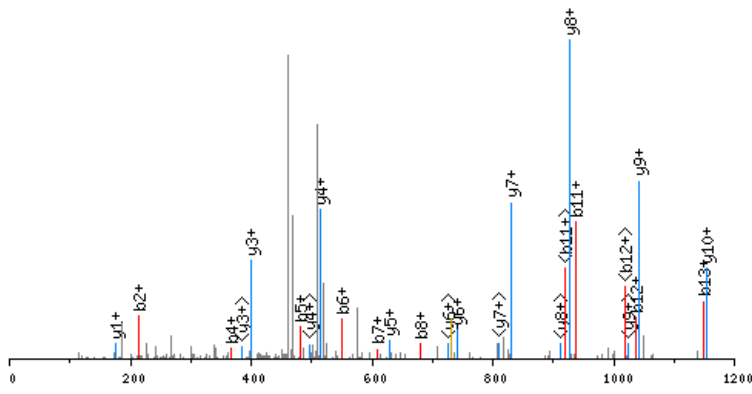
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
100.0762	1	A	20		
213.1603	2	I	19	2068.1079	1034.5579
310.2130	3	P	18	1955.0238	978.0158
439.2556	4	E	17	1857.9711	929.4894
553.2986	5	N	16	1728.9285	864.9681
654.3462	6	T	15	1614.8855	807.9467
768.3892	7	N	14	1513.8379	757.4228
881.4732	8	I	13	1399.7949	700.4014
938.4947	9	G	12	1286.7109	643.8593
1025.5267	10	S	11	1229.6894	615.3486
1138.6108	11	L	10	1142.6574	571.8326
1285.6792	12	F	9	1029.5733	515.2906
1382.7320	13	P	8	882.5049	441.7564
1495.8160	14	I	7	785.4521	393.2300
1592.8688	15	P	6	672.3681	336.6879
1705.9529	16	L	5	575.3153	288.1616
1776.9900	17	A	4	462.2312	231.6195
1878.0377	18	T	3	391.1941	196.1010
1993.0646	19	D	2	290.1464	145.5771
	20	R	1	175.1195	88.0637

N-term:+29.04

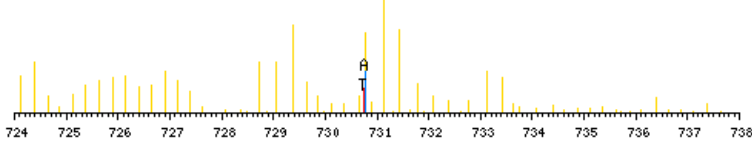
AIPGLAGAGNSVLLVSNLNPGR, MH+ 2190.2246, m/z 730.7464
 L OS G24 P150811 220811-s1.04898.04898.3.dta

scan 4898; 1.5e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 4895; 730.7 m/z; 4.5e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 22		
213.1603	2	I 21	2091.1562	1046.0820
310.2130	3	P 20	1978.0722	989.5400
367.2345	4	G 19	1881.0194	941.0136
480.3186	5	L 18	1823.9979	912.5029
551.3557	6	A 17	1710.9139	855.9608
608.3771	7	G 16	1639.8768	820.4423
679.4143	8	A 15	1582.8553	791.9316
736.4357	9	G 14	1511.8182	756.4130
850.4787	10	N 13	1454.7967	727.9023
937.5107	11	S 12	1340.7538	670.8808
1036.5791	12	V 11	1253.7218	627.3648
1149.6632	13	L 10	1154.6533	577.8306
1262.7472	14	L 9	1041.5693	521.2886
1361.8156	15	V 8	928.4852	464.7465
1448.8477	16	S 7	829.4168	415.2123
1562.8906	17	N 6	742.3848	371.6963
1675.9747	18	L 5	628.3418	314.6748
1790.0176	19	N 4	515.2578	258.1328
1887.0703	20	P 3	401.2149	201.1113
2016.1129	21	E 2	304.1621	152.5850
	22	R 1	175.1195	88.0637

N-term:+29.04

AISEAAAQYNPEPPPPR, MH+ 1841.9610, m/z 614.6585
 H OS G24 P150811 220811-s1.03095.03095.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

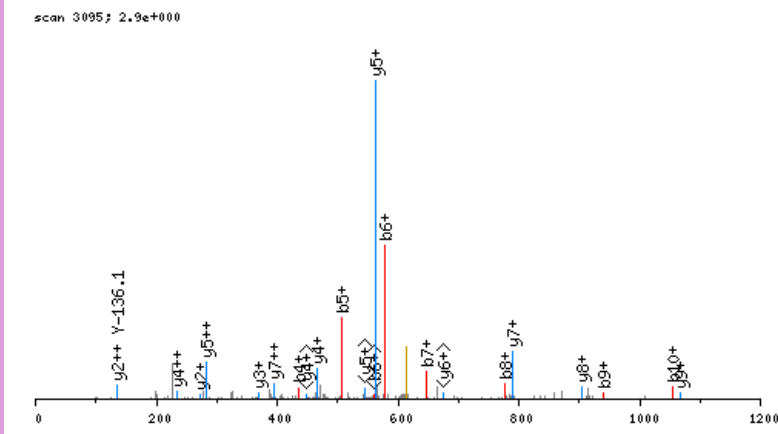
y + 2+ 3+

z + 2+ 3+

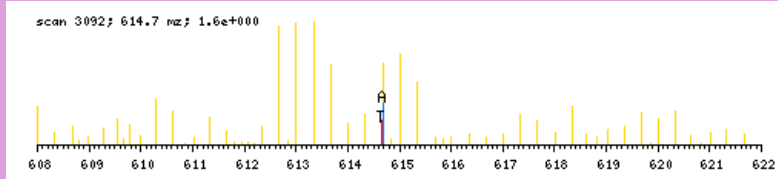
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



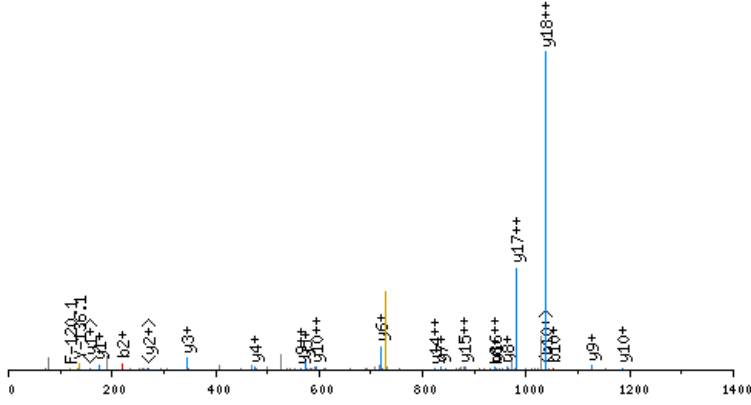
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 17		
219.1921	2	I 16	1736.8608	868.9343
306.2241	3	S 15	1623.7767	812.3923
435.2667	4	E 14	1536.7447	768.8763
506.3038	5	A 13	1407.7021	704.3550
577.3409	6	A 12	1336.6650	668.8364
648.3780	7	A 11	1265.6279	633.3178
776.4366	8	Q 10	1194.5907	597.7993
939.4999	9	Y 9	1066.5322	533.7700
1053.5429	10	N 8	903.4688	452.2383
1150.5956	11	P 7	789.4259	395.2169
1279.6382	12	E 6	692.3731	346.6905
1376.6910	13	P 5	563.3306	282.1692
1473.7438	14	P 4	466.2778	233.6428
1570.7965	15	P 3	369.2250	185.1164
1667.8493	16	P 2	272.1723	136.5900
	17	R 1	175.1195	88.0637

N-term:+35.07

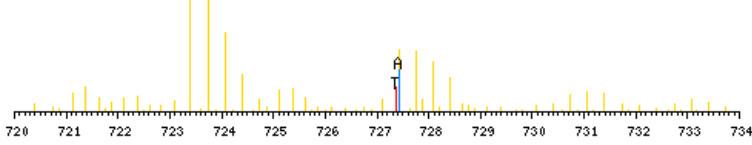
AISNNKDQGGYEDFVEGLR, MH+ 2180.1260, m/z 727.3802
 H OS G26 P150811 220811-s1.05213.05213.3.dta

scan 5213; 7.2e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 5210; 727.4 m/z; 2.5e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
106.1080	1	A	19		
219.1921	2	I	18	2075.0258	1038.0168
306.2241	3	S	17	1961.9417	981.4748
420.2670	4	N	16	1874.9097	937.9588
534.3100	5	N	15	1760.8668	880.9373
696.4681	6	K	14	1646.8239	823.9158
811.4950	7	D	13	1484.6658	742.8368
939.5536	8	Q	12	1369.6388	685.3233
996.5750	9	G	11	1241.5802	621.2940
1053.5965	10	G	10	1184.5588	592.7833
1216.6598	11	Y	9	1127.5373	564.2726
1345.7024	12	E	8	964.4740	482.7409
1460.7294	13	D	7	835.4314	418.2196
1607.7978	14	F	6	720.4044	360.7061
1706.8662	15	V	5	573.3360	287.1719
1835.9088	16	E	4	474.2676	237.6377
1892.9303	17	G	3	345.2250	173.1164
2006.0143	18	L	2	288.2036	144.6057
	19	R	1	175.1195	88.0637

N-term:+35.07 K(6):+162.16

AITATQKTVDGPGSKLWR, MH+ 2013.1497, m/z 504.0429
 L OS G28 P150811 220811-s1.04564.04564.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

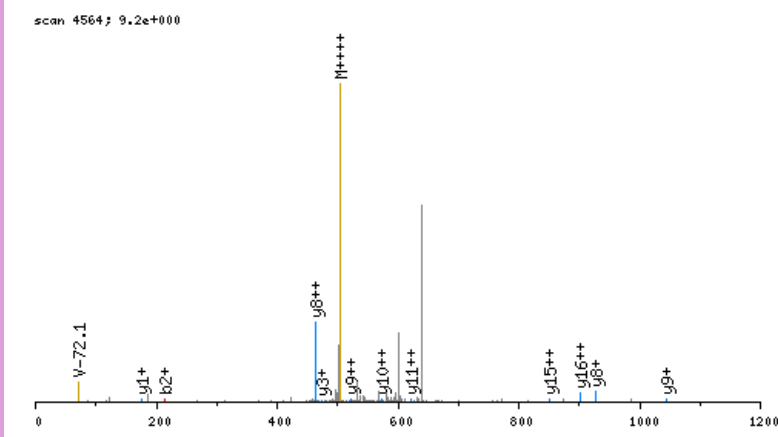
y + 2+ 3+

z + 2+ 3+

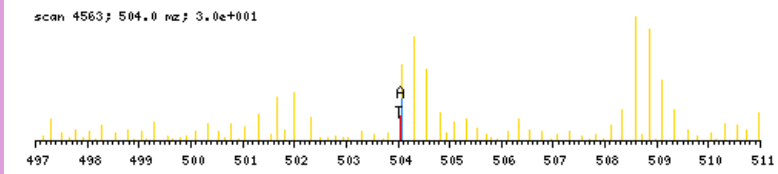
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
100.0762	1	A	18		
213.1603	2	I	17	1914.0813	957.5446
314.2080	3	T	16	1800.9973	901.0026
385.2451	4	A	15	1699.9496	850.4787
486.2927	5	T	14	1628.9125	814.9602
614.3513	6	Q	13	1527.8648	764.4363
770.4776	7	K	12	1399.8062	700.4070
871.5253	8	T	11	1243.6799	622.3439
970.5937	9	V	10	1142.6323	571.8200
1085.6207	10	D	9	1043.5638	522.2858
1142.6421	11	G	8	928.5369	464.7724
1239.6949	12	P	7	871.5154	436.2616
1326.7269	13	S	6	774.4627	387.7352
1383.7484	14	G	5	687.4306	344.2192
1539.8747	15	K	4	630.4092	315.7085
1652.9587	16	L	3	474.2829	237.6454
1839.0381	17	W	2	361.1988	181.1033
	18	R	1	175.1195	88.0637

N-term:+29.04 K(7):+156.13
 K(15):+156.13

AIVEFLEPLEAR, MH+ 1414.7946, m/z 472.2697
 L OS G27 P150811 220811-s1.07053.07053.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

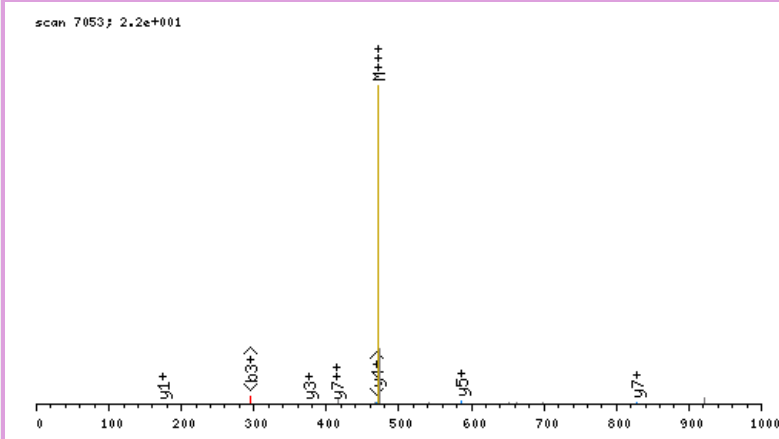
y + 2+ 3+

z + 2+ 3+

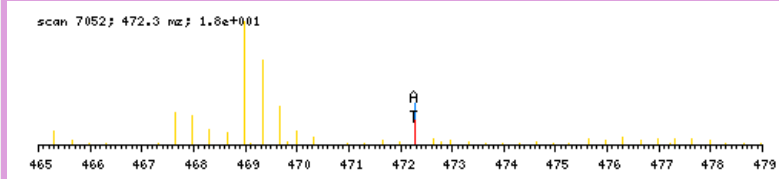
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 12		
213.1603	2	I 11	1315.7262	658.3670
312.2287	3	V 10	1202.6421	601.8250
441.2713	4	E 9	1103.5737	552.2908
588.3397	5	F 8	974.5311	487.7695
701.4238	6	L 7	827.4627	414.2353
830.4664	7	E 6	714.3786	357.6932
927.5191	8	P 5	585.3360	293.1719
1040.6032	9	L 4	488.2833	244.6455
1169.6458	10	E 3	375.1992	188.1035
1240.6829	11	A 2	246.1566	123.5822
	12	R 1	175.1195	88.0637

N-term:+29.04

AIVFIKEPSSQDALQGR, MH+ 1927.1289, m/z 643.0478
 H OS G26 P150811 220811-s1.04753.04753.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

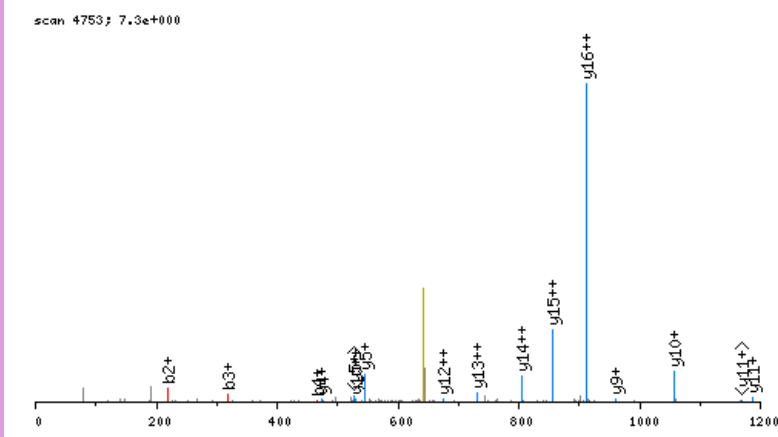
y + 2+ 3+

z + 2+ 3+

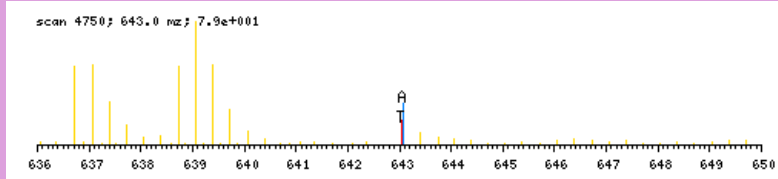
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
106.1080	1	A	17		
219.1921	2	I	16	1822.0287	911.5183
318.2605	3	V	15	1708.9446	854.9762
465.3289	4	F	14	1609.8762	805.4420
578.4130	5	I	13	1462.8078	731.9078
740.5711	6	K	12	1349.7238	675.3658
869.6137	7	E	11	1187.5657	594.2867
966.6664	8	P	10	1058.5231	529.7654
1053.6985	9	S	9	961.4703	481.2391
1140.7305	10	S	8	874.4383	437.7230
1268.7891	11	Q	7	787.4062	394.2070
1383.8160	12	D	6	659.3477	330.1777
1454.8531	13	A	5	544.3207	272.6643
1567.9372	14	L	4	473.2836	237.1457
1695.9958	15	Q	3	360.1995	180.6037
1753.0172	16	G	2	232.1410	116.5744
	17	R	1	175.1195	88.0637

N-term:+35.07 K(6):+162.16

AKVLTPDLYNKLR, MH+ 1633.0901, m/z 409.0280
 H OS G28 P150811 220811-s1.05346.05346.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

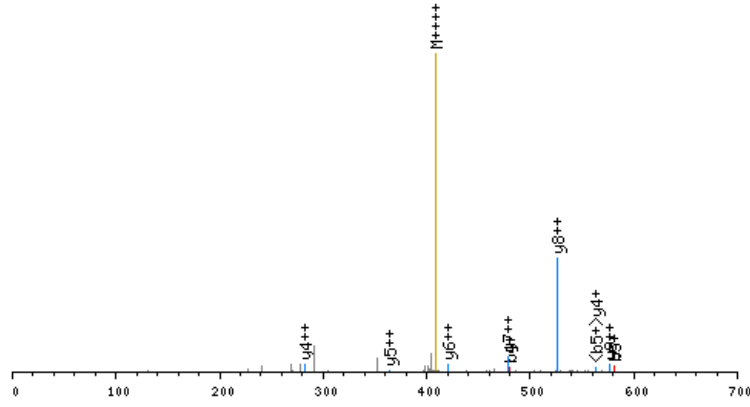
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

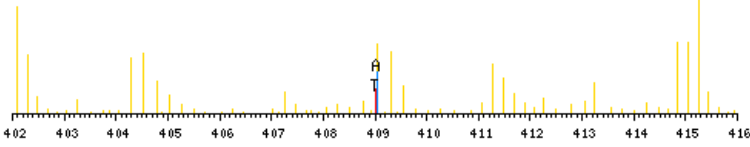
GO

scan 5346; 1.1e+001



click image to zoom in; click top corners to zoom out [precursor±]

scan 5343; 409.0 mz; 1.5e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 13		
268.2661	2	K 12	1527.9899	764.4989
367.3345	3	V 11	1365.8318	683.4198
480.4186	4	L 10	1266.7634	633.8856
581.4663	5	T 9	1153.6794	577.3436
678.5190	6	P 8	1052.6317	526.8198
793.5460	7	D 7	955.5789	478.2934
906.6300	8	L 6	840.5520	420.7799
1069.6934	9	Y 5	727.4679	364.2379
1183.7363	10	N 4	564.4046	282.7062
1345.8944	11	K 3	450.3617	225.6847
1458.9785	12	L 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+35.07 K(2):+162.16
 K(11):+162.16

AKVNPDEVGGEALGR, MH+ 1567.8444, m/z 523.2863
 L OS G27 P150811 220811-s1.03441.03441.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

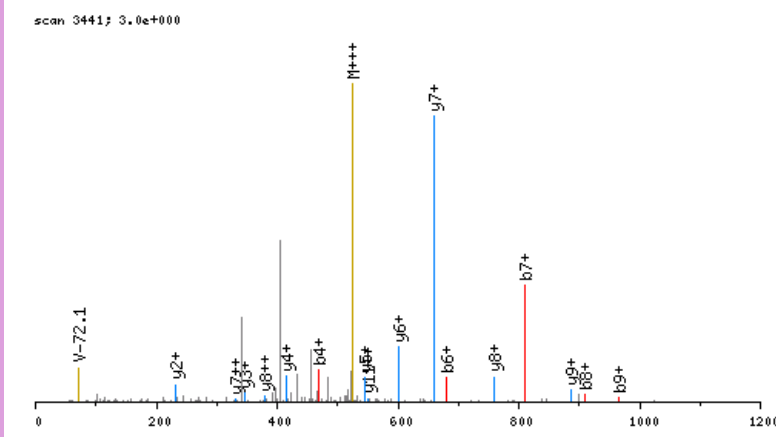
y + 2+ 3+

z + 2+ 3+

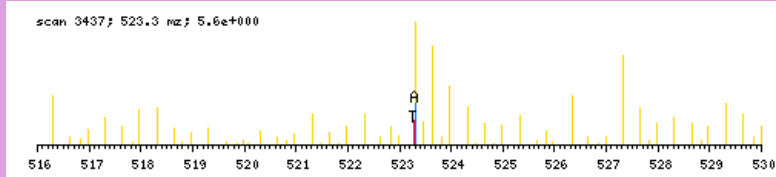
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 15		
256.2025	2	K 14	1468.7760	734.8919
355.2709	3	V 13	1312.6497	656.8288
469.3139	4	N 12	1213.5813	607.2946
566.3666	5	P 11	1099.5384	550.2731
681.3936	6	D 10	1002.4856	501.7467
810.4362	7	E 9	887.4587	444.2332
909.5046	8	V 8	758.4161	379.7120
966.5260	9	G 7	659.3477	330.1777
1023.5475	10	G 6	602.3262	301.6670
1152.5901	11	E 5	545.3047	273.1563
1223.6272	12	A 4	416.2621	208.6350
1336.7113	13	L 3	345.2250	173.1164
1393.7327	14	G 2	232.1410	116.5744
	15	R 1	175.1195	88.0637

N-term:+29.04 K(2):+156.13

ALEGINNGITQAGR, MH+ 1441.7763, m/z 481.2636
 L OS G25 P150811 220811-s1.04789.04789.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

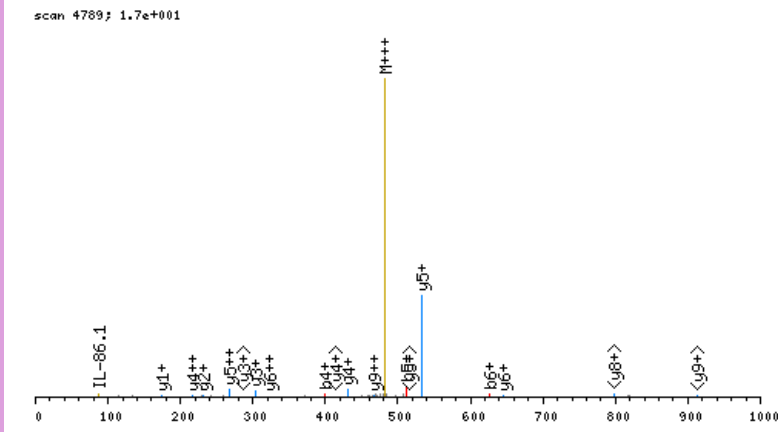
y + 2+ 3+

z + 2+ 3+

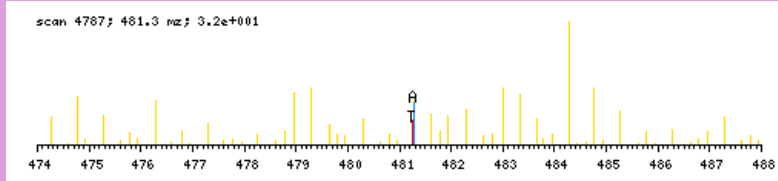
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 14		
213.1603	2	L 13	1342.7079	671.8579
342.2029	3	E 12	1229.6238	615.3158
399.2243	4	G 11	1100.5812	550.7945
512.3084	5	I 10	1043.5598	522.2838
626.3513	6	N 9	930.4757	465.7418
740.3943	7	N 8	816.4328	408.7203
797.4157	8	G 7	702.3899	351.6988
910.4998	9	I 6	645.3684	323.1881
1011.5475	10	T 5	532.2843	266.6461
1139.6060	11	Q 4	431.2367	216.1222
1210.6432	12	A 3	303.1781	152.0930
1267.6646	13	G 2	232.1410	116.5744
	14	R 1	175.1195	88.0637

N-term:+29.04

ALGGNSSPSAKDIKKILDSVIGIEADDR, MH+ 2983.5953, m/z 746.6543
 L OS G28 P150811 220811-s1.09102.09102.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

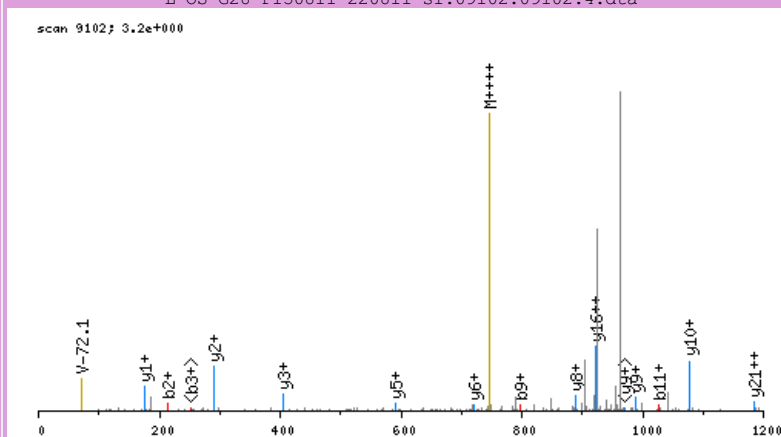
y + 2+ 3+

z + 2+ 3+

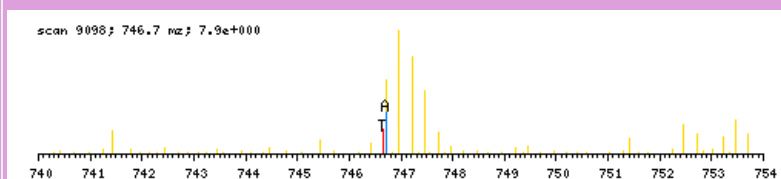
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 28		
213.1603	2	L 27	2884.5269	1442.7673
270.1817	3	G 26	2771.4428	1386.2253
327.2032	4	G 25	2714.4213	1357.7146
441.2461	5	N 24	2657.3999	1329.2039
528.2782	6	S 23	2543.3569	1272.1824
615.3102	7	S 22	2456.3249	1228.6664
712.3630	8	P 21	2369.2929	1185.1504
799.3950	9	S 20	2272.2401	1136.6240
870.4321	10	A 19	2185.2081	1093.1080
1026.5584	11	K 18	2114.1710	1057.5894
1141.5853	12	D 17	1958.0447	979.5263
1254.6694	13	I 16	1843.0177	922.0128
1410.7957	14	K 15	1729.9337	865.4708
1566.9220	15	K 14	1573.8074	787.4076
1680.0061	16	I 13	1417.6811	709.3445
1793.0901	17	L 12	1304.5970	652.8024
1908.1171	18	D 11	1191.5130	596.2604
1995.1491	19	S 10	1076.4860	538.7469
2094.2175	20	V 9	989.4540	495.2309
2151.2390	21	G 8	890.3856	445.6967
2264.3230	22	I 7	833.3641	417.1860
2393.3656	23	E 6	720.2800	360.6439
2464.4028	24	A 5	591.2374	296.1226
2579.4297	25	D 4	520.2003	260.6041
2694.4566	26	D 3	405.1734	203.0906
2809.4836	27	D 2	290.1464	145.5771
	28	R 1	175.1195	88.0637

N-term:+29.04 K(11):+156.13
 K(14):+156.13 K(15):+156.13

ALIDSHFEAR, MH+ 1192.6538, m/z 398.2228
 H OS G27 P150811 220811-s1.04165.04165.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

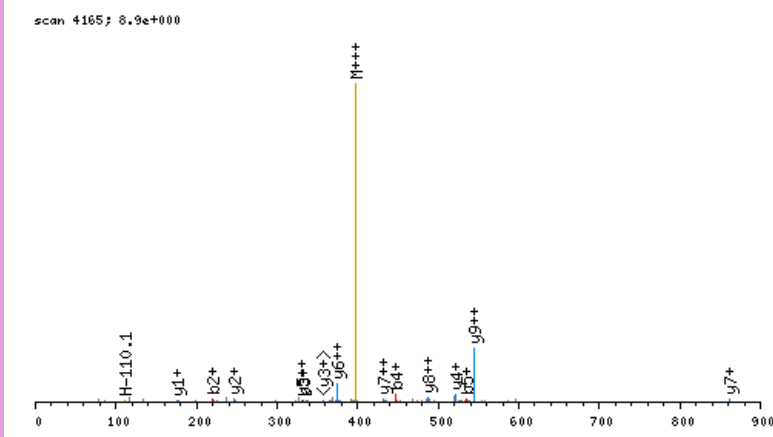
y + 2+ 3+

z + 2+ 3+

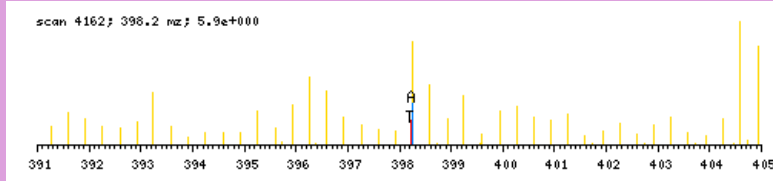
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 10		
219.1921	2	L 9	1087.5536	544.2807
332.2761	3	I 8	974.4696	487.7387
447.3031	4	D 7	861.3855	431.1967
534.3351	5	S 6	746.3586	373.6832
671.3940	6	H 5	659.3265	330.1672
818.4624	7	F 4	522.2676	261.6377
947.5050	8	E 3	375.1992	188.1035
1018.5421	9	A 2	246.1566	123.5822
	10	R 1	175.1195	88.0637

N-term:+35.07

ALIGTQANVTKELEK, MH+ 1698.9754, m/z 566.9967
 L OS G26 P150811 220811-s1.04141.04141.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

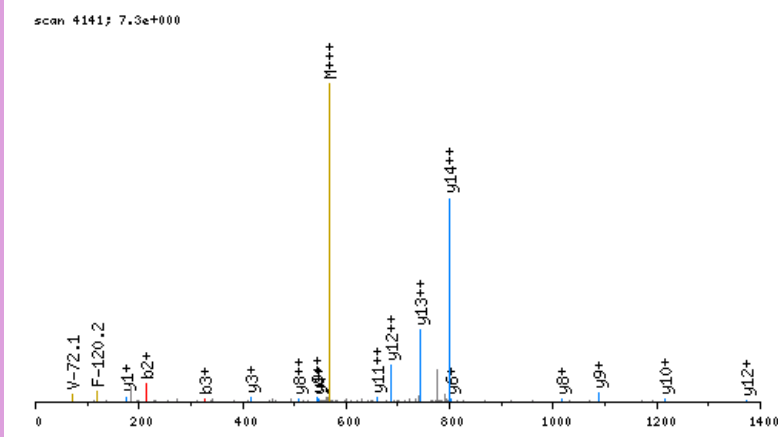
y + 2+ 3+

z + 2+ 3+

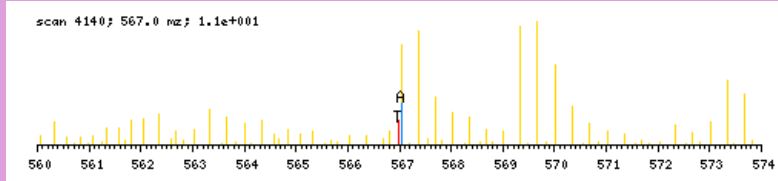
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 15		
213.1603	2	L 14	1599.9070	800.4574
326.2443	3	I 13	1486.8230	743.9154
383.2658	4	G 12	1373.7389	687.3734
484.3135	5	T 11	1316.7174	658.8626
612.3721	6	Q 10	1215.6698	608.3388
683.4092	7	A 9	1087.6112	544.3095
797.4521	8	N 8	1016.5741	508.7909
896.5205	9	V 7	902.5311	451.7695
997.5682	10	T 6	803.4627	402.2353
1153.6945	11	K 5	702.4151	351.7114
1282.7371	12	E 4	546.2888	273.6483
1395.8212	13	L 3	417.2462	209.1270
1524.8637	14	E 2	304.1621	152.5850
	15	R 1	175.1195	88.0637

N-term:+29.04 K(11):+156.13

ALNEDTQDELGDPR, MH+ 1606.7772, m/z 536.2639
 H OS G25 P150811 220811-s1.03784.03784.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

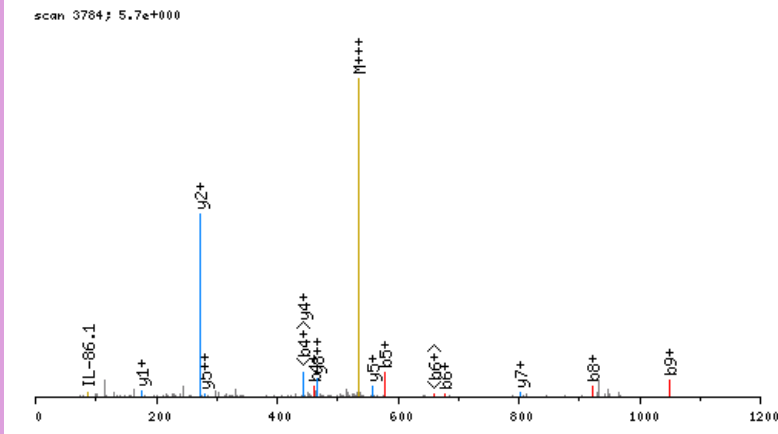
y + 2+ 3+

z + 2+ 3+

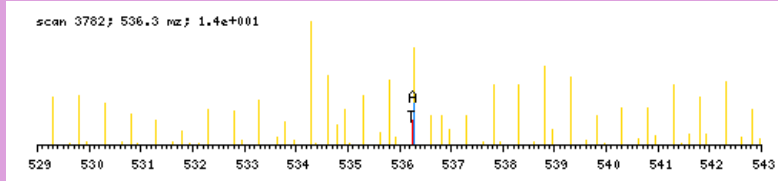
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 14		
219.1921	2	L 13	1501.6771	751.3424
333.2350	3	N 12	1388.5930	694.8004
462.2776	4	E 11	1274.5501	637.7789
577.3045	5	D 10	1145.5075	573.2576
678.3522	6	T 9	1030.4805	515.7442
806.4108	7	Q 8	929.4328	465.2203
921.4377	8	D 7	801.3743	401.1910
1050.4803	9	E 6	686.3473	343.6776
1163.5644	10	L 5	557.3047	279.1563
1220.5859	11	G 4	444.2207	222.6142
1335.6128	12	D 3	387.1992	194.1035
1432.6656	13	P 2	272.1723	136.5900
	14	R 1	175.1195	88.0637

N-term:+35.07

ALTSELANAR, MH+ 1073.5955, m/z 537.3014
 L OS G25 P150811 220811-s1.03509.03509.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

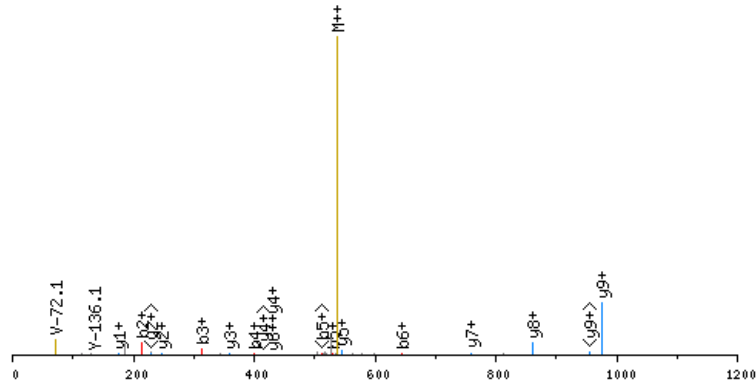
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

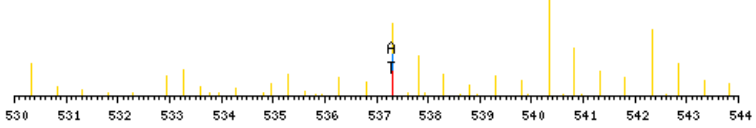
GO

scan 3509; 1.4e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 3507; 537.3 m/z; 2.3e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
100.0762	1	A	10		
213.1603	2	L	9	974.5271	487.7675
314.2080	3	T	8	861.4430	431.2254
401.2400	4	S	7	760.3953	380.7016
530.2826	5	E	6	673.3633	337.1856
643.3666	6	L	5	544.3207	272.6643
714.4038	7	A	4	431.2367	216.1222
828.4467	8	N	3	360.1995	180.6037
899.4838	9	A	2	246.1566	123.5822
	10	R	1	175.1195	88.0637

N-term: +29.04

ALVNDPQPEHPLR, MH+ 1513.8127, m/z 505.2757
 L OS G26 P150811 220811-s1.02841.02841.3.dta

scan 2841; 3.9e+000

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

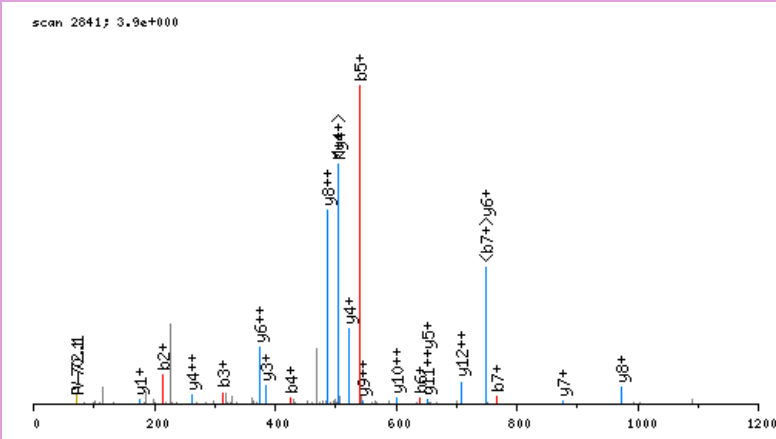
y + 2+ 3+

z + 2+ 3+

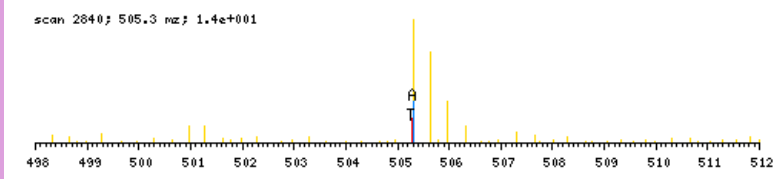
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



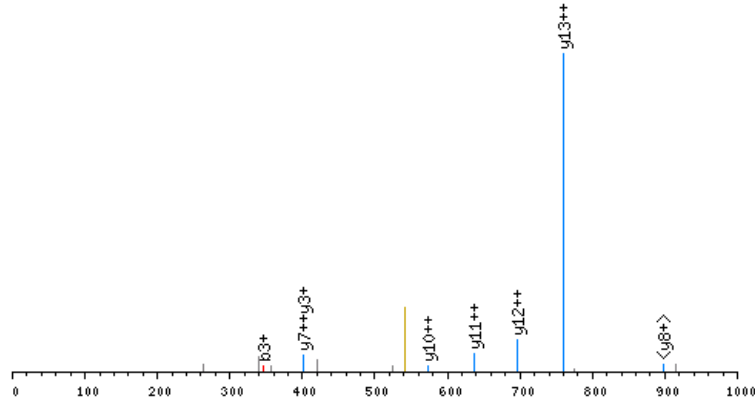
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 13		
213.1603	2	L 12	1414.7443	707.8761
312.2287	3	V 11	1301.6602	651.3340
426.2716	4	N 10	1202.5918	601.7998
541.2986	5	D 9	1088.5489	544.7784
638.3513	6	P 8	973.5219	487.2649
766.4099	7	Q 7	876.4692	438.7385
863.4627	8	P 6	748.4106	374.7092
992.5053	9	E 5	651.3578	326.1828
1129.5642	10	H 4	522.3152	261.6615
1226.6169	11	P 3	385.2563	193.1321
1339.7010	12	L 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+29.04

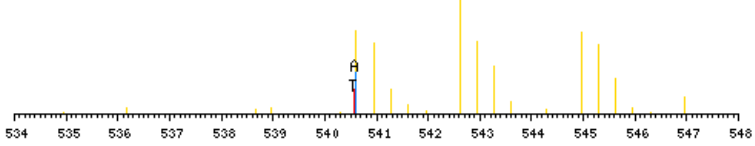
AMDECADEGGRPQR, MH+ 1619.6905, m/z 540.5684
 L OS G27 P150811 220811-s1.01928.01928.3.dta

scan 1928; 1.0e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 1927; 540.6 m/z; 2.0e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 14		
231.1167	2	M 13	1520.6222	760.8150
346.1436	3	D 12	1389.5817	695.2947
475.1862	4	E 11	1274.5547	637.7813
635.2168	5	C 10	1145.5121	573.2600
706.2539	6	A 9	985.4815	493.2447
821.2809	7	D 8	914.4444	457.7261
950.3235	8	E 7	799.4175	400.2126
1007.3449	9	G 6	670.3749	335.6914
1064.3664	10	G 5	613.3534	307.1806
1220.4675	11	R 4	556.3320	278.6699
1317.5203	12	P 3	400.2308	200.6193
1445.5789	13	Q 2	303.1781	152.0930
	14	R 1	175.1195	88.0637

N-term:+29.04 C(5):+160.03

AMEGPWKTVAIAADR, MH+ 1671.8892, m/z 557.9679
 L OS G27 P150811 220811-s1.05959.05959.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

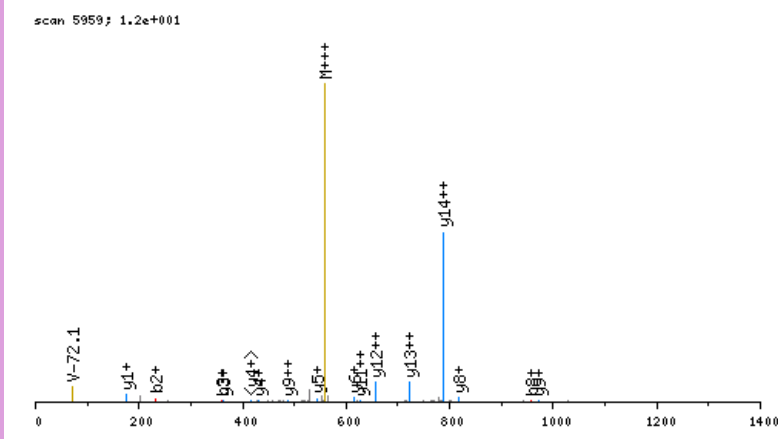
y + 2+ 3+

z + 2+ 3+

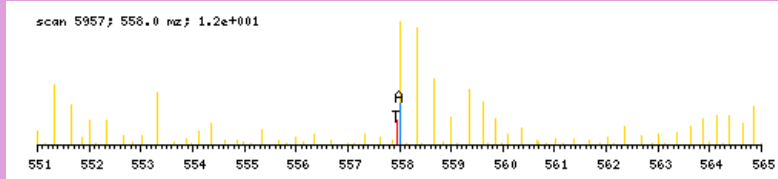
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 15		
231.1167	2	M 14	1572.8209	786.9143
360.1593	3	E 13	1441.7804	721.3941
417.1808	4	G 12	1312.7378	656.8728
514.2335	5	P 11	1255.7163	628.3621
700.3128	6	W 10	1158.6636	579.8357
856.4391	7	K 9	972.5842	486.7960
957.4868	8	T 8	816.4579	408.7329
1056.5552	9	V 7	715.4103	358.2090
1127.5923	10	A 6	616.3418	308.6748
1240.6764	11	I 5	545.3047	273.1563
1311.7135	12	A 4	432.2207	216.6142
1382.7506	13	A 3	361.1836	181.0957
1497.7776	14	D 2	290.1464	145.5771
	15	R 1	175.1195	88.0637

N-term:+29.04 K(7):+156.13

AMPVFFTEPELKPKR, MH+ 1695.0032, m/z 424.5063
 L OS G28 P150811 220811-s1.06111.06111.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

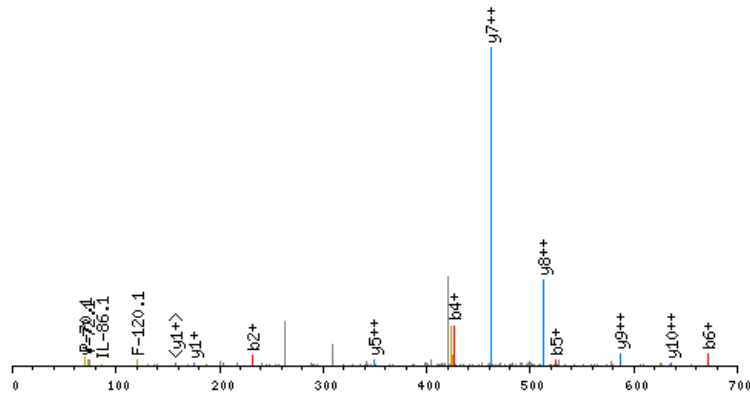
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

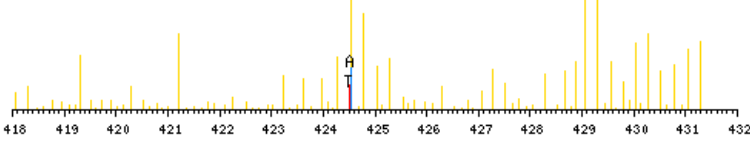
GO

scan 6111; 5.1e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6108; 424.5 mz; 4.9e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
100.0762	1	A	14		
231.1167	2	M	13	1595.9348	798.4713
328.1695	3	P	12	1464.8943	732.9511
427.2379	4	V	11	1367.8416	684.4247
524.2906	5	P	10	1268.7731	634.8905
671.3591	6	F	9	1171.7204	586.3641
772.4067	7	T	8	1024.6520	512.8299
869.4595	8	P	7	923.6043	462.3061
998.5021	9	E	6	826.5515	413.7797
1111.5862	10	L	5	697.5089	349.2584
1267.7125	11	K	4	584.4249	292.7163
1364.7652	12	P	3	428.2986	214.6532
1520.8915	13	K	2	331.2458	166.1268
	14	R	1	175.1195	88.0637

N-term:+29.04 K(11):+156.13
 K(13):+156.13

AMQISEKEDDDNEKR, MH+ 1891.9072, m/z 473.7323
 L OS G28 P150811 220811-s1.02015.02015.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

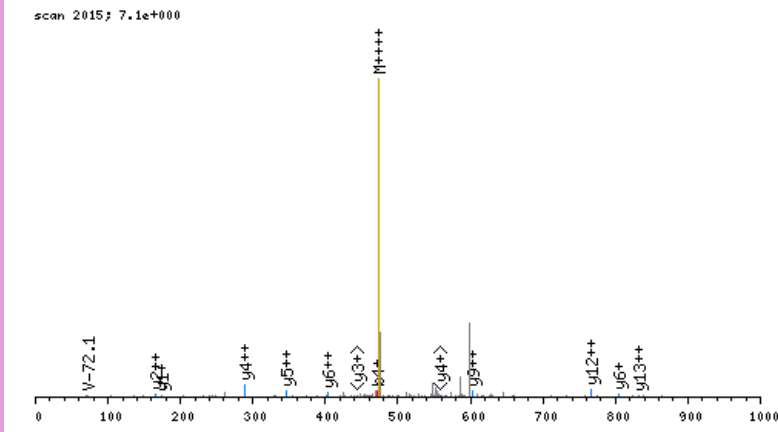
y + 2+ 3+

z + 2+ 3+

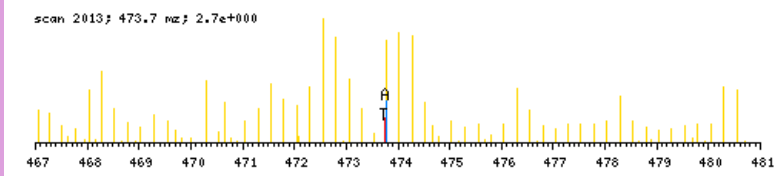
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 15		
231.1167	2	M 14	1792.8388	896.9233
359.1753	3	Q 13	1661.7983	831.4031
472.2593	4	I 12	1533.7397	767.3738
559.2914	5	S 11	1420.6557	710.8317
688.3340	6	E 10	1333.6236	667.3157
844.4603	7	K 9	1204.5810	602.7944
973.5029	8	E 8	1048.4547	524.7313
1088.5298	9	D 7	919.4122	460.2100
1203.5567	10	D 6	804.3852	402.6965
1318.5837	11	D 5	689.3583	345.1830
1432.6266	12	N 4	574.3313	287.6696
1561.6692	13	E 3	460.2884	230.6481
1717.7955	14	K 2	331.2458	166.1268
	15	R 1	175.1195	88.0637

N-term:+29.04 K(7):+156.13
 K(14):+156.13

AMSTTSVTSSQPGKLR, MH+ 1706.9111, m/z 569.6419
 L OS G26 P150811 220811-s1.02556.02556.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

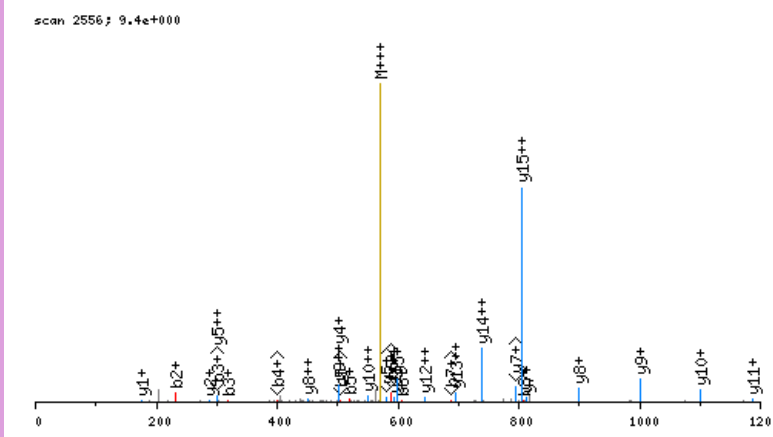
y + 2+ 3+

z + 2+ 3+

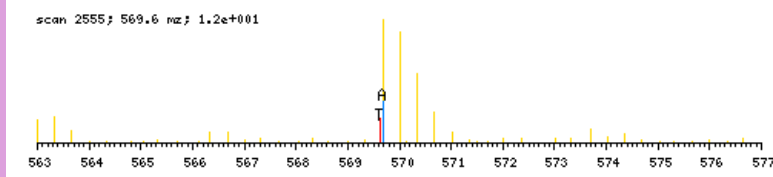
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 16		
231.1167	2	M 15	1607.8427	804.4253
318.1487	3	S 14	1476.8022	738.9050
419.1964	4	T 13	1389.7702	695.3890
520.2441	5	T 12	1288.7225	644.8652
607.2761	6	S 11	1187.6748	594.3413
706.3445	7	V 10	1100.6428	550.8253
807.3922	8	T 9	1001.5744	501.2911
894.4242	9	S 8	900.5267	450.7673
981.4563	10	S 7	813.4947	407.2513
1109.5148	11	Q 6	726.4627	363.7352
1206.5676	12	P 5	598.4041	299.7060
1263.5891	13	G 4	501.3513	251.1796
1419.7154	14	K 3	444.3299	222.6688
1532.7994	15	L 2	288.2036	144.6057
	16	R 1	175.1195	88.0637

N-term:+29.04 K(14):+156.13

ANDGSFLELFKR, MH+ 1464.8487, m/z 488.9544
 H OS G27 P150811 220811-s1.07063.07063.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

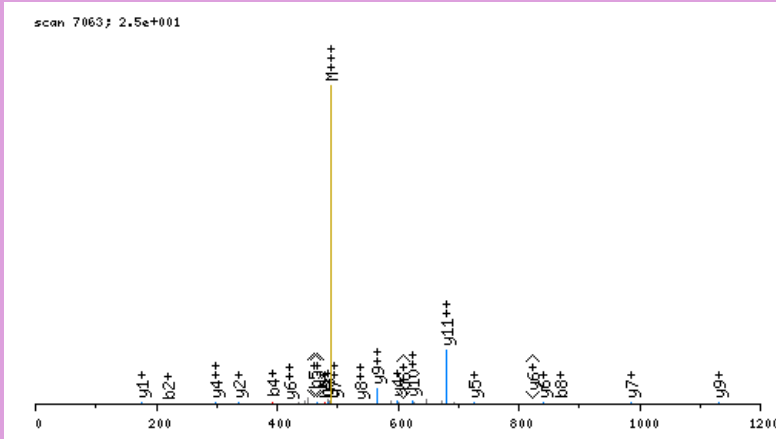
y + 2+ 3+

z + 2+ 3+

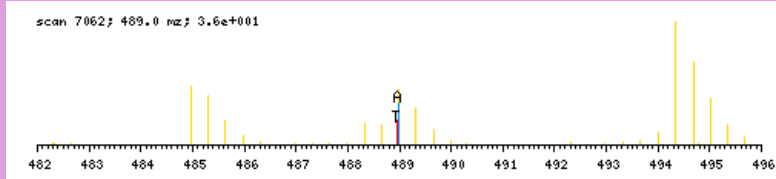
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 12		
220.1509	2	N 11	1359.7485	680.3782
335.1779	3	D 10	1245.7056	623.3567
392.1993	4	G 9	1130.6786	565.8432
479.2314	5	S 8	1073.6572	537.3325
626.2998	6	F 7	986.6251	493.8165
739.3839	7	L 6	839.5567	420.2823
868.4264	8	E 5	726.4727	363.7402
981.5105	9	L 4	597.4301	299.2190
1128.5789	10	F 3	484.3460	242.6769
1290.7370	11	K 2	337.2776	169.1427
	12	R 1	175.1195	88.0637

N-term:+35.07 K(11):+162.16

ANINIPMGAFRPGAGQPPR, MH+ 1992.0601, m/z 664.6916
 L OS G26 P150811 220811-s1.05191.05191.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

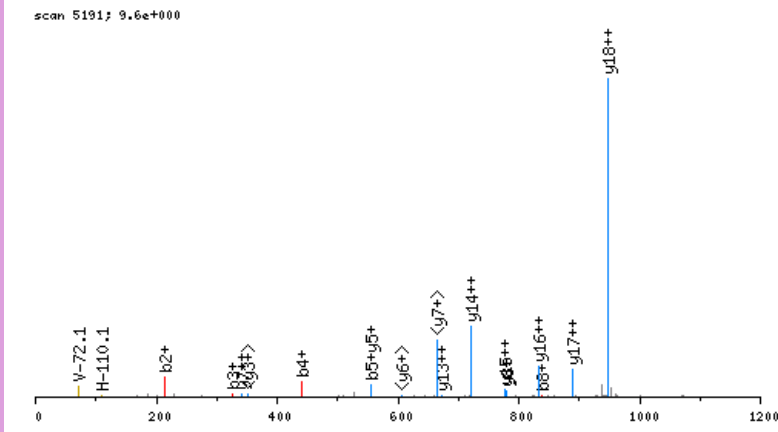
y + 2+ 3+

z + 2+ 3+

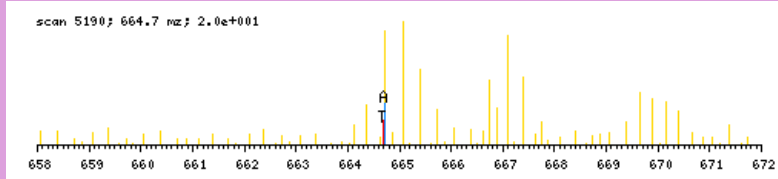
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 19		
214.1191	2	N 18	1892.9917	946.9998
327.2032	3	I 17	1778.9488	889.9783
441.2461	4	N 16	1665.8648	833.4363
554.3302	5	I 15	1551.8218	776.4148
651.3830	6	P 14	1438.7378	719.8728
782.4234	7	M 13	1341.6850	671.3464
839.4449	8	G 12	1210.6445	605.8262
910.4820	9	A 11	1153.6231	577.3154
1057.5504	10	F 10	1082.5859	541.7969
1213.6515	11	R 9	935.5175	468.2627
1310.7043	12	P 8	779.4164	390.2121
1367.7258	13	G 7	682.3636	341.6857
1438.7629	14	A 6	625.3422	313.1750
1495.7844	15	G 5	554.3051	277.6564
1623.8429	16	Q 4	497.2836	249.1457
1720.8957	17	P 3	369.2250	185.1164
1817.9485	18	P 2	272.1723	136.5900
	19	R 1	175.1195	88.0637

N-term:+29.04

ANIPDLPSSYIPSR, MH+ 1563.8595, m/z 521.9580
 H OS G25 P150811 220811-s1.06945.06945.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

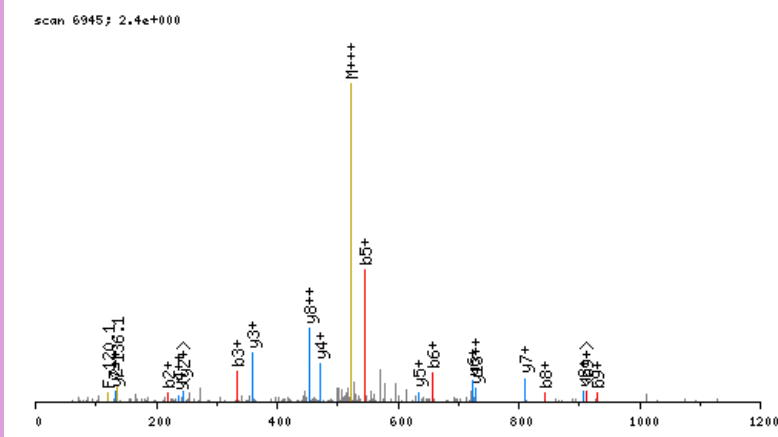
y + 2+ 3+

z + 2+ 3+

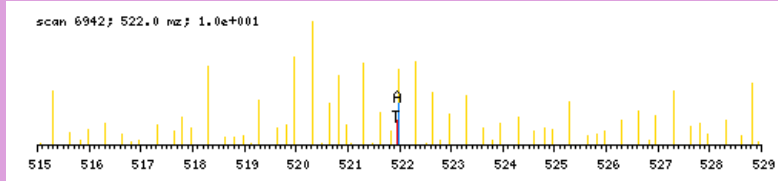
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 14		
220.1509	2	N 13	1458.7593	729.8835
333.2350	3	I 12	1344.7163	672.8621
430.2878	4	P 11	1231.6323	616.3201
545.3147	5	D 10	1134.5795	567.7937
658.3988	6	L 9	1019.5526	510.2802
755.4515	7	P 8	906.4685	453.7382
842.4836	8	S 7	809.4157	405.2118
929.5156	9	S 6	722.3837	361.6958
1092.5789	10	Y 5	635.3517	318.1798
1205.6630	11	I 4	472.2884	236.6481
1302.7158	12	P 3	359.2043	180.1061
1389.7478	13	S 2	262.1515	131.5797
	14	R 1	175.1195	88.0637

N-term:+35.07

ANNVMSGTTMYPGIADR, MH+ 1882.8791, m/z 628.2979
 L OS G25 P150811 220811-s1.05615.05615.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

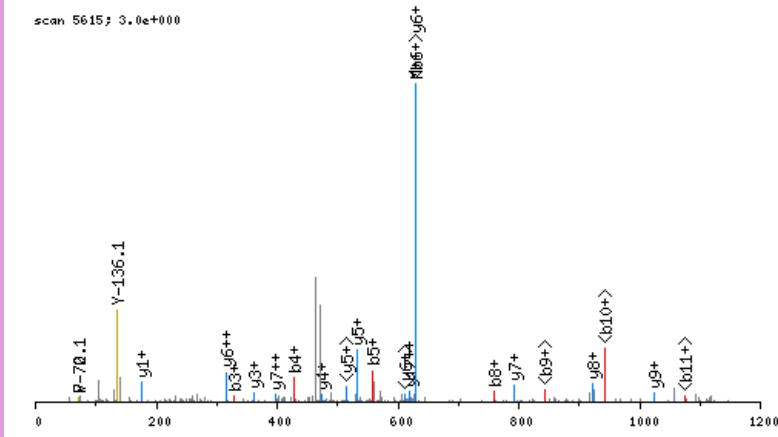
y + 2+ 3+

z + 2+ 3+

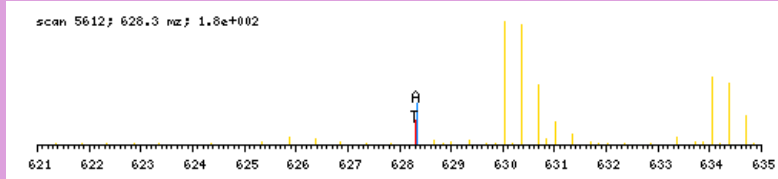
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 18		
214.1191	2	N 17	1783.8107	892.4093
328.1621	3	N 16	1669.7678	835.3878
427.2305	4	V 15	1555.7249	778.3663
558.2710	5	M 14	1456.6565	728.8321
645.3030	6	S 13	1325.6160	663.3119
702.3245	7	G 12	1238.5839	619.7959
759.3459	8	G 11	1181.5625	591.2852
860.3936	9	T 10	1124.5410	562.7744
961.4413	10	T 9	1023.4933	512.2506
1092.4818	11	M 8	922.4457	461.7267
1255.5451	12	Y 7	791.4052	396.2065
1352.5979	13	P 6	628.3418	314.6748
1409.6193	14	G 5	531.2891	266.1485
1522.7034	15	I 4	474.2676	237.6377
1593.7405	16	A 3	361.1836	181.0957
1708.7674	17	D 2	290.1464	145.5771
	18	R 1	175.1195	88.0637

N-term:+29.04

ANQDTIFEGIGGPR, MH+ 1508.7921, m/z 754.8997
 H OS G25 P150811 220811-s1.06256.06256.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

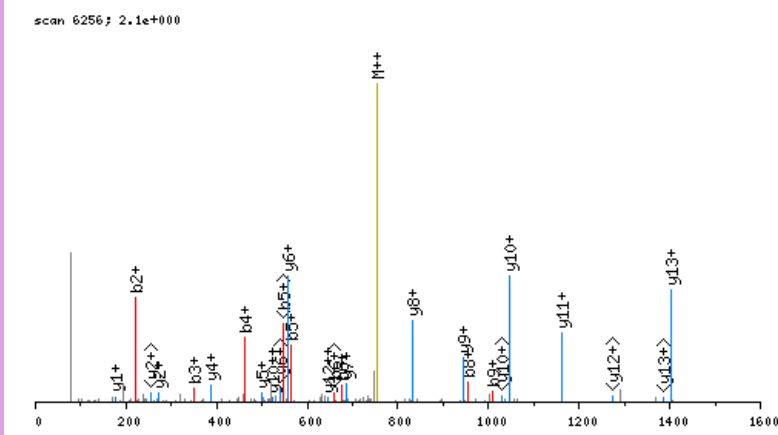
y + 2+ 3+

z + 2+ 3+

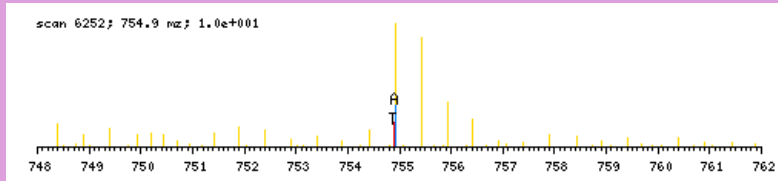
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 14		
220.1509	2	N 13	1403.6919	702.3499
348.2095	3	Q 12	1289.6490	645.3284
463.2365	4	D 11	1161.5904	581.2991
564.2841	5	T 10	1046.5635	523.7856
677.3682	6	I 9	945.5158	473.2618
824.4366	7	F 8	832.4317	416.7198
953.4792	8	E 7	685.3633	343.1856
1010.5007	9	G 6	556.3207	278.6643
1123.5847	10	I 5	499.2993	250.1535
1180.6062	11	G 4	386.2152	193.6115
1237.6277	12	G 3	329.1937	165.1008
1334.6804	13	P 2	272.1723	136.5900
	14	R 1	175.1195	88.0637

N-term:+35.07

ANVIDTIPEPLR, MH+ 1365.7742, m/z 683.3907
 L OS G25 P150811 220811-s1.07074.07074.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

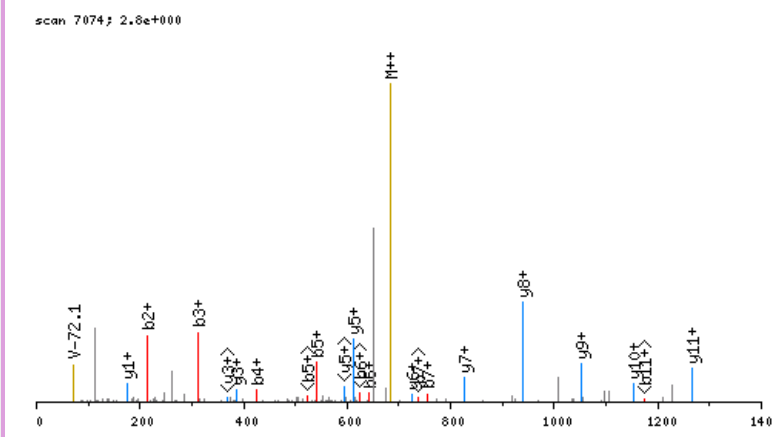
y + 2+ 3+

z + 2+ 3+

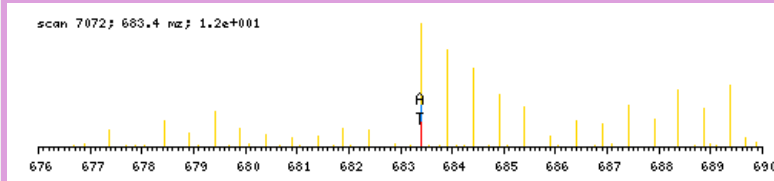
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 12		
214.1191	2	N 11	1266.7058	633.8568
313.1876	3	V 10	1152.6628	576.8353
426.2716	4	I 9	1053.5944	527.3011
541.2986	5	D 8	940.5104	470.7591
642.3462	6	T 7	825.4834	413.2456
755.4303	7	I 6	724.4357	362.7218
852.4831	8	P 5	611.3517	306.1798
981.5257	9	E 4	514.2989	257.6534
1078.5784	10	P 3	385.2563	193.1321
1191.6625	11	L 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+29.04

ANVYVDAVKDSGR, MH+ 1449.7702, m/z 483.9282
 L OS G27 P150811 220811-s1.03525.03525.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

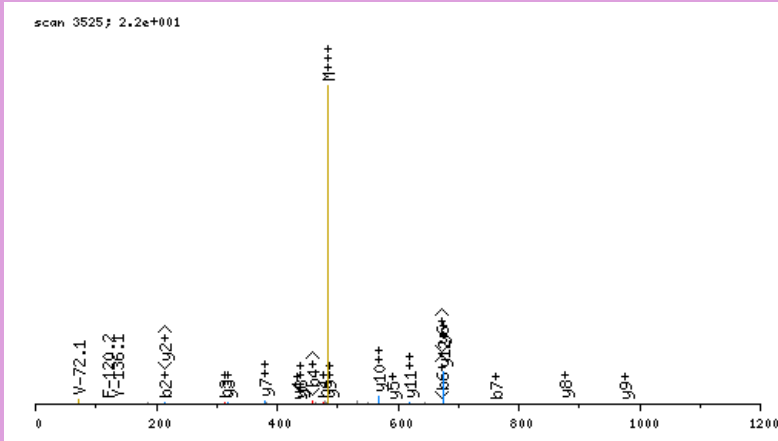
y + 2+ 3+

z + 2+ 3+

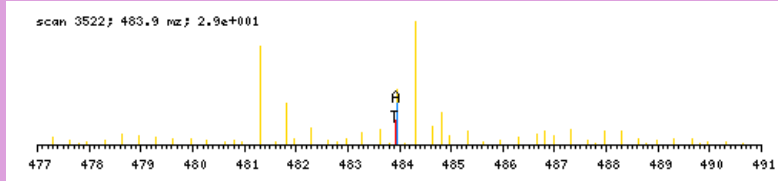
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 13		
214.1191	2	N 12	1350.7018	675.8548
313.1876	3	V 11	1236.6589	618.8333
476.2509	4	Y 10	1137.5904	569.2991
575.3193	5	V 9	974.5271	487.7675
690.3462	6	D 8	875.4587	438.2333
761.3834	7	A 7	760.4318	380.7198
860.4518	8	V 6	689.3946	345.2012
1016.5781	9	K 5	590.3262	295.6670
1131.6050	10	D 4	434.1999	217.6039
1218.6370	11	S 3	319.1730	160.0904
1275.6585	12	G 2	232.1410	116.5744
	13	R 1	175.1195	88.0637

N-term:+29.04 K(9):+156.13

APAPPPAASFTPAEVQR, MH+ 1734.9179, m/z 578.9775
 L OS G24 P150811 220811-s1.03421.03421.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

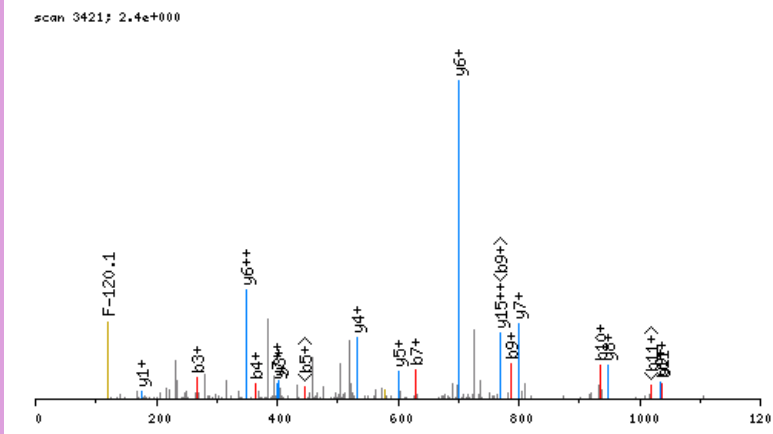
y + 2+ 3+

z + 2+ 3+

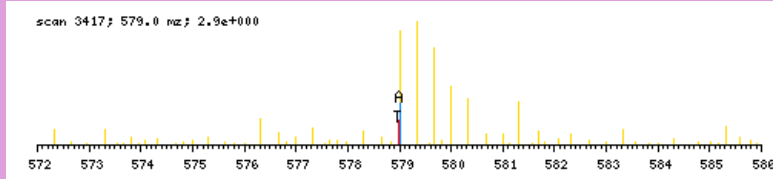
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 17		
197.1290	2	P 16	1635.8495	818.4287
268.1661	3	A 15	1538.7967	769.9023
365.2189	4	P 14	1467.7596	734.3837
462.2716	5	P 13	1370.7068	685.8573
559.3244	6	P 12	1273.6541	637.3310
630.3615	7	A 11	1176.6013	588.8046
701.3986	8	A 10	1105.5642	553.2860
788.4306	9	S 9	1034.5271	517.7675
935.4991	10	F 8	947.4951	474.2514
1036.5467	11	T 7	800.4266	400.7172
1133.5995	12	P 6	699.3790	350.1934
1204.6366	13	A 5	602.3262	301.6670
1333.6792	14	E 4	531.2891	266.1485
1432.7476	15	V 3	402.2465	201.6272
1560.8062	16	Q 2	303.1781	152.0930
	17	R 1	175.1195	88.0637

N-term:+29.04

APDQDEIDCLPGLAKQPSFR, MH+ 2325.2185, m/z 582.0601
H OS G26 P150811 220811-s1.05724.05724.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

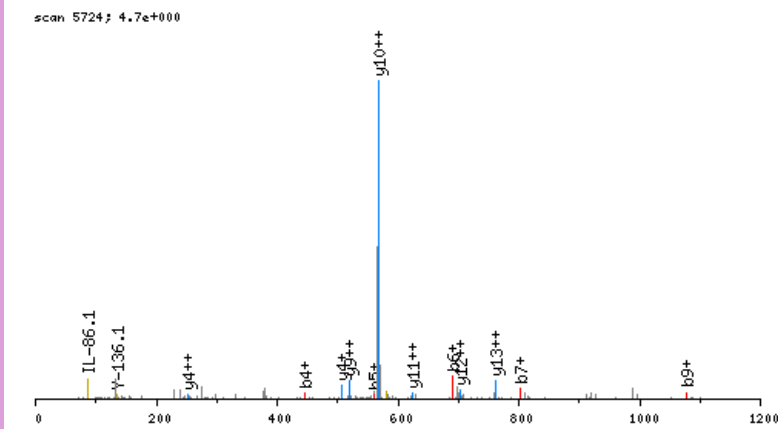
y + 2+ 3+

z + 2+ 3+

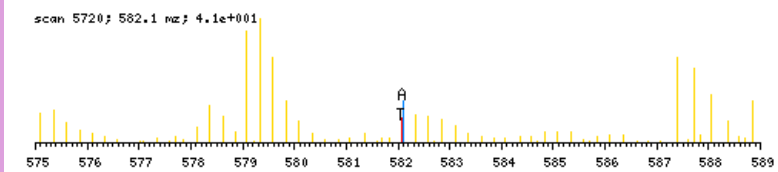
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
106.1080	1	A	20		
203.1608	2	P	19	2220.1183	1110.5631
318.1877	3	D	18	2123.0655	1062.0367
446.2463	4	Q	17	2008.0386	1004.5232
561.2732	5	D	16	1879.9800	940.4939
690.3158	6	E	15	1764.9531	882.9804
803.3999	7	I	14	1635.9105	818.4591
918.4268	8	D	13	1522.8264	761.9171
1078.4574	9	C	12	1407.7995	704.4036
1191.5415	10	L	11	1247.7689	624.3883
1288.5943	11	P	10	1134.6848	567.8463
1345.6157	12	G	9	1037.6320	519.3199
1458.6998	13	L	8	980.6106	490.8092
1529.7369	14	A	7	867.5265	434.2672
1691.8950	15	K	6	796.4894	398.7486
1819.9536	16	Q	5	634.3313	317.6696
1917.0064	17	P	4	506.2727	253.6403
2004.0384	18	S	3	409.2199	205.1139
2151.1068	19	F	2	322.1879	161.5979
	20	R	1	175.1195	88.0637

N-term:+35.07 C(9):+160.03
K(15):+162.16

APEEHPTLLTEAPLNPKANR, MH+ 2254.2196, m/z 564.3103
 L OS G27 P150811 220811-s1.04890.04890.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

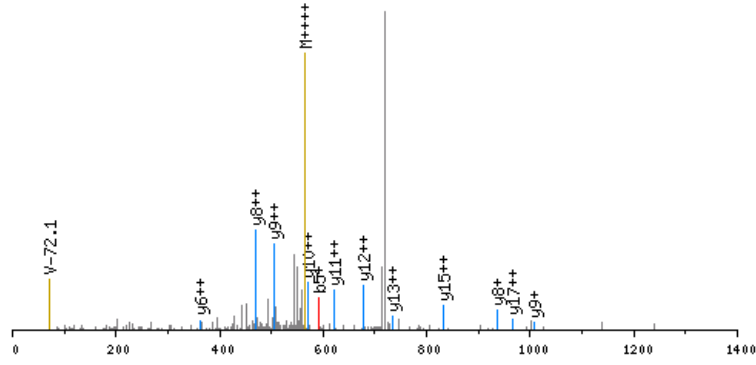
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

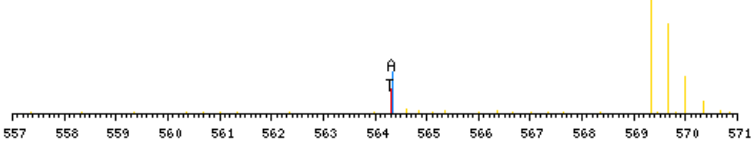
GO

scan 4890; 2.1e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4887; 564.3 mz; 2.2e+002



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 20		
197.1290	2	P 19	2155.1512	1078.0795
326.1716	3	E 18	2058.0984	1029.5531
455.2142	4	E 17	1929.0558	965.0318
592.2731	5	H 16	1800.0132	900.5105
689.3258	6	P 15	1662.9543	831.9811
790.3735	7	T 14	1565.9016	783.4547
903.4576	8	L 13	1464.8539	732.9308
1016.5416	9	L 12	1351.7698	676.3888
1117.5893	10	T 11	1238.6857	619.8468
1246.6319	11	E 10	1137.6381	569.3229
1317.6690	12	A 9	1008.5955	504.8017
1414.7218	13	P 8	937.5584	469.2831
1527.8059	14	L 7	840.5056	420.7567
1641.8488	15	N 6	727.4215	364.2147
1738.9016	16	P 5	613.3786	307.1932
1895.0279	17	K 4	516.3258	258.6668
1966.0650	18	A 3	360.1995	180.6037
2080.1079	19	N 2	289.1624	145.0851
	20	R 1	175.1195	88.0637

N-term:+29.04 K(17):+156.13

APEEHPVLLTEAPLNPKANR, MH+ 2252.2403, m/z 563.8155
 L OS G27 P150811 220811-s1.05108.05108.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

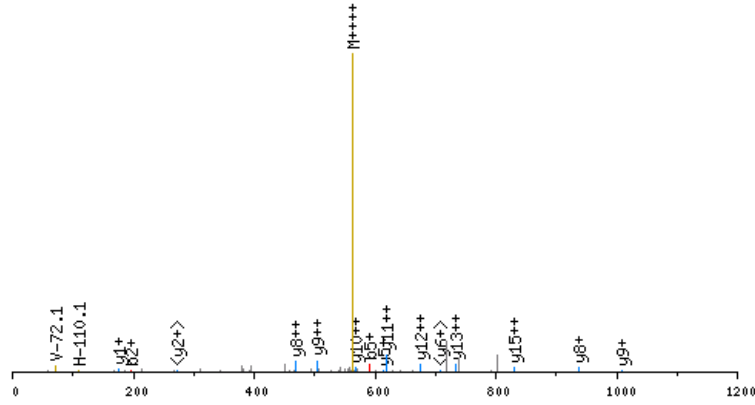
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

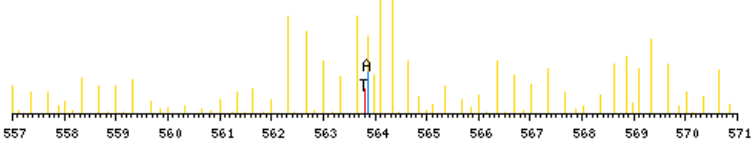
GO

scan 5108; 1.5e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5107; 563.8 mz; 1.5e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
100.0762	1	A	20		
197.1290	2	P	19	2153.1719	1077.0899
326.1716	3	E	18	2056.1192	1028.5635
455.2142	4	E	17	1927.0766	964.0422
592.2731	5	H	16	1798.0340	899.5209
689.3258	6	P	15	1660.9751	830.9914
788.3943	7	V	14	1563.9223	782.4651
901.4783	8	L	13	1464.8539	732.9308
1014.5624	9	L	12	1351.7698	676.3888
1115.6101	10	T	11	1238.6857	619.8468
1244.6527	11	E	10	1137.6381	569.3229
1315.6898	12	A	9	1008.5955	504.8017
1412.7425	13	P	8	937.5584	469.2831
1525.8266	14	L	7	840.5056	420.7567
1639.8695	15	N	6	727.4215	364.2147
1736.9223	16	P	5	613.3786	307.1932
1893.0486	17	K	4	516.3258	258.6668
1964.0857	18	A	3	360.1995	180.6037
2078.1286	19	N	2	289.1624	145.0851
	20	R	1	175.1195	88.0637

N-term:+29.04 K(17):+156.13

APLDLDKYVEIAR, MH+ 1570.9481, m/z 524.3209
 H OS G26 P150811 220811-s1.06169.06169.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

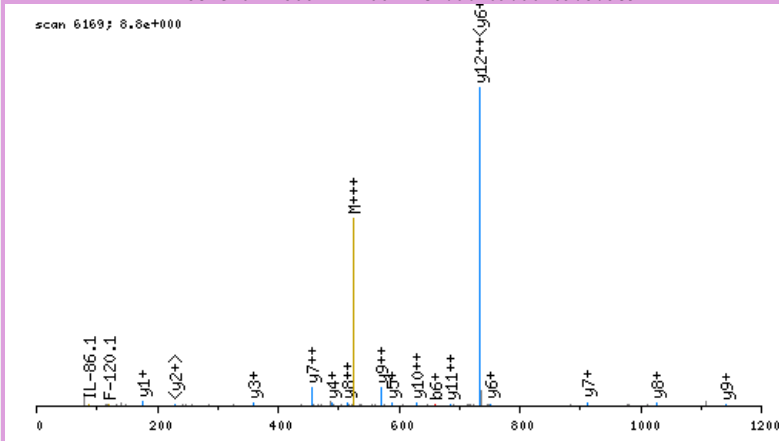
y + 2+ 3+

z + 2+ 3+

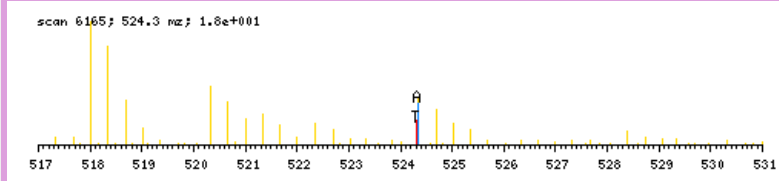
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 13		
203.1608	2	P 12	1465.8479	733.4279
316.2448	3	L 11	1368.7951	684.9015
431.2718	4	D 10	1255.7111	628.3594
544.3558	5	L 9	1140.6841	570.8460
659.3828	6	D 8	1027.6001	514.3039
821.5409	7	K 7	912.5731	456.7905
984.6042	8	Y 6	750.4150	375.7114
1083.6726	9	V 5	587.3517	294.1798
1212.7152	10	E 4	488.2833	244.6455
1325.7993	11	I 3	359.2407	180.1243
1396.8364	12	A 2	246.1566	123.5822
	13	R 1	175.1195	88.0637

N-term:+35.07 K(7):+162.16

APLDTINVHLR, MH+ 1282.7695, m/z 428.2614
 H OS G27 P150811 220811-s1.05351.05351.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

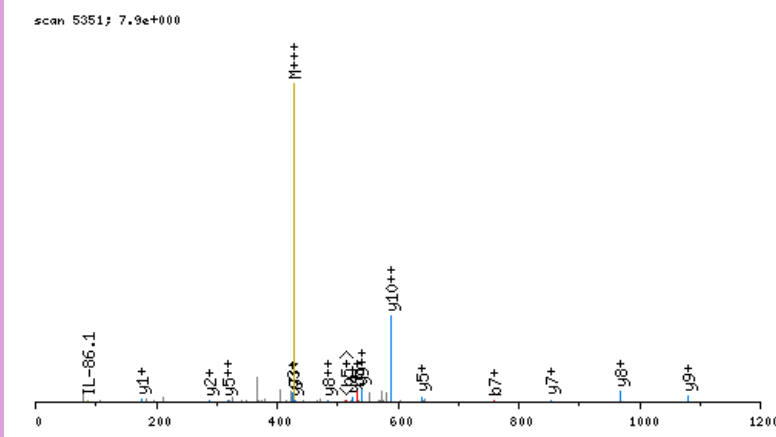
y + 2+ 3+

z + 2+ 3+

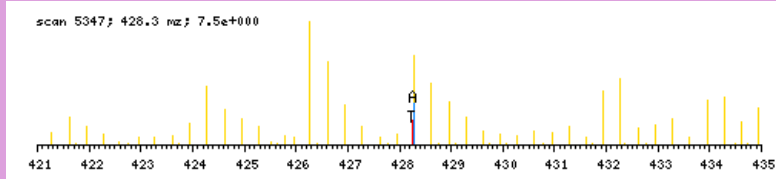
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 11		
203.1608	2	P 10	1177.6693	589.3386
316.2448	3	L 9	1080.6166	540.8122
431.2718	4	D 8	967.5325	484.2702
532.3195	5	T 7	852.5056	426.7567
645.4035	6	I 6	751.4579	376.2329
759.4465	7	N 5	638.3738	319.6908
858.5149	8	V 4	524.3309	262.6694
995.5738	9	H 3	425.2625	213.1352
1108.6578	10	L 2	288.2036	144.6057
	11	R 1	175.1195	88.0637

N-term:+35.07

APNVLASEPEIIPKGIK, MH+ 1747.0118, m/z 583.0088
 L OS G26 P150811 220811-s1.04678.04678.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

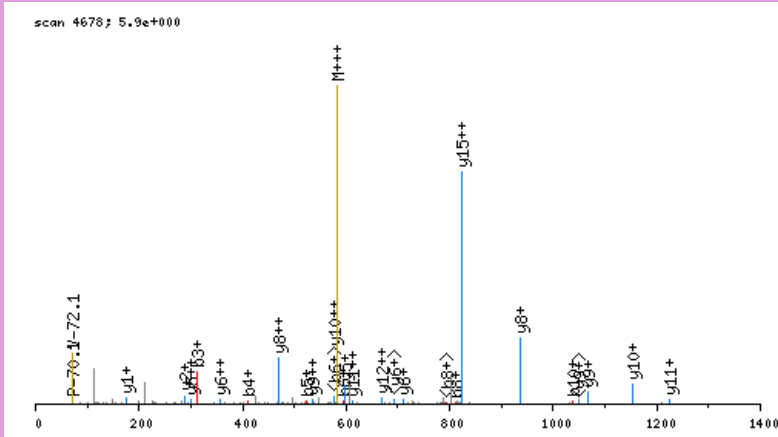
y + 2+ 3+

z + 2+ 3+

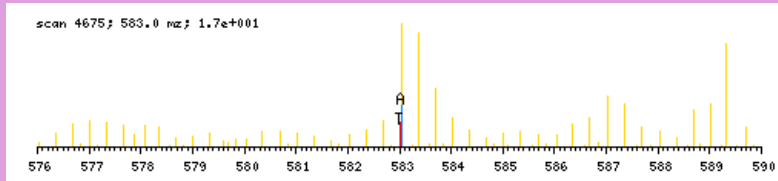
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 16		
197.1290	2	P 15	1647.9434	824.4756
311.1719	3	N 14	1550.8907	775.9492
410.2403	4	V 13	1436.8477	718.9278
523.3244	5	L 12	1337.7793	669.3936
594.3615	6	A 11	1224.6952	612.8515
681.3935	7	S 10	1153.6581	577.3330
810.4361	8	E 9	1066.6261	533.8170
907.4889	9	P 8	937.5835	469.2957
1036.5315	10	E 7	840.5307	420.7693
1149.6155	11	I 6	711.4882	356.2480
1246.6683	12	P 5	598.4041	299.7060
1402.7946	13	K 4	501.3513	251.1796
1459.8161	14	G 3	345.2250	173.1164
1572.9001	15	I 2	288.2036	144.6057
	16	R 1	175.1195	88.0637

N-term:+29.04 K(13):+156.13

APQGSLGEYLFR, MH+ 1500.7910, m/z 500.9352
 H OS G25 P150811 220811-s1.07179.07179.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

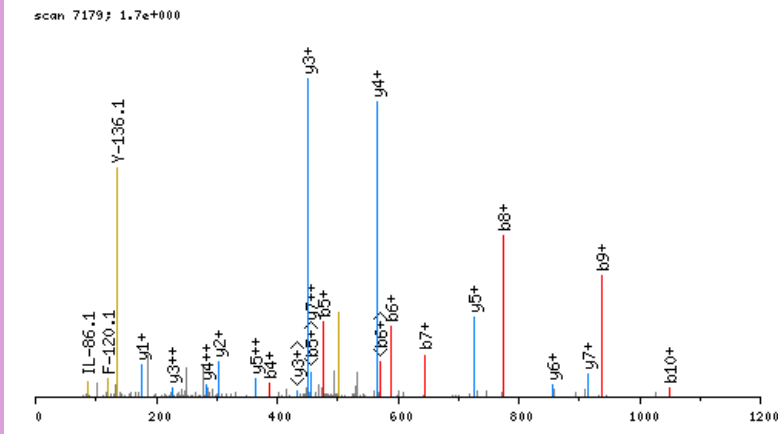
y + 2+ 3+

z + 2+ 3+

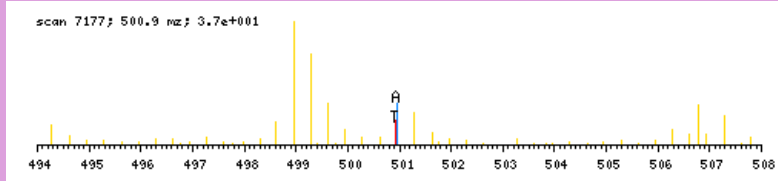
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 13		
203.1608	2	P 12	1395.6909	698.3493
331.2194	3	Q 11	1298.6381	649.8230
388.2408	4	G 10	1170.5795	585.7937
475.2728	5	S 9	1113.5580	557.2829
588.3569	6	L 8	1026.5260	513.7669
645.3784	7	G 7	913.4420	457.2249
774.4210	8	E 6	856.4205	428.7142
937.4843	9	Y 5	727.3779	364.1929
1050.5684	10	L 4	564.3146	282.6612
1197.6368	11	F 3	451.2305	226.1192
1326.6794	12	E 2	304.1621	152.5850
	13	R 1	175.1195	88.0637

N-term:+35.07

APQVSTPTLVEAAR, MH+ 1467.8171, m/z 489.9439
 L OS G24 P150811 220811-s1.03355.03355.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

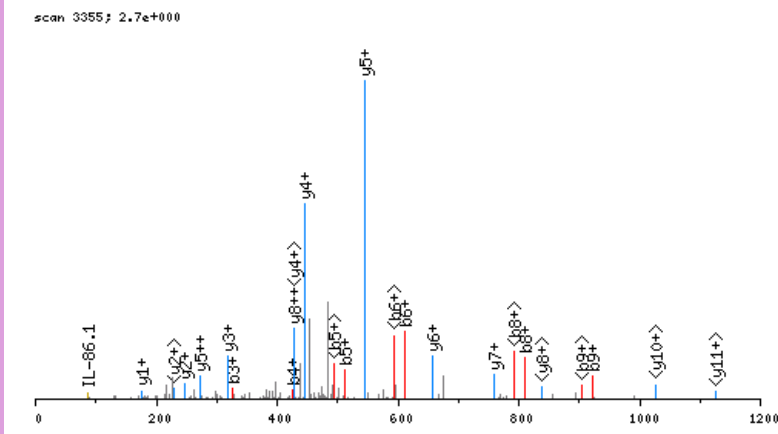
y + 2+ 3+

z + 2+ 3+

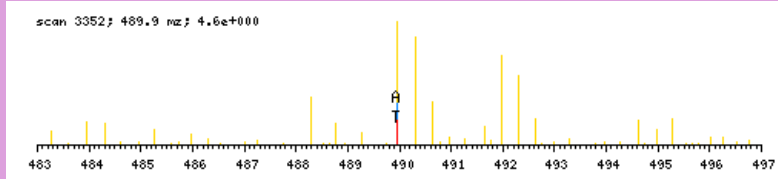
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 14		
197.1290	2	P 13	1368.7487	684.8783
325.1876	3	Q 12	1271.6959	636.3519
424.2560	4	V 11	1143.6374	572.3226
511.2880	5	S 10	1044.5689	522.7884
612.3357	6	T 9	957.5369	479.2724
709.3884	7	P 8	856.4892	428.7485
810.4361	8	T 7	759.4365	380.2222
923.5202	9	L 6	658.3888	329.6983
1022.5886	10	V 5	545.3047	273.1563
1151.6312	11	E 4	446.2363	223.6221
1222.6683	12	A 3	317.1937	159.1008
1293.7054	13	A 2	246.1566	123.5822
	14	R 1	175.1195	88.0637

N-term:+29.04

APSASPLAIHASR, MH+ 1305.7279, m/z 435.9141
 L OS G27 P150811 220811-s1.03164.03164.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

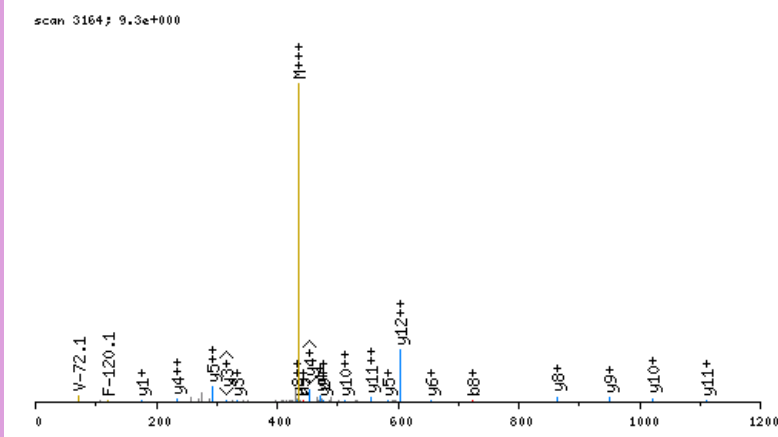
y + 2+ 3+

z + 2+ 3+

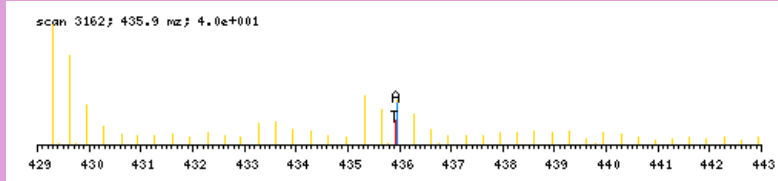
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



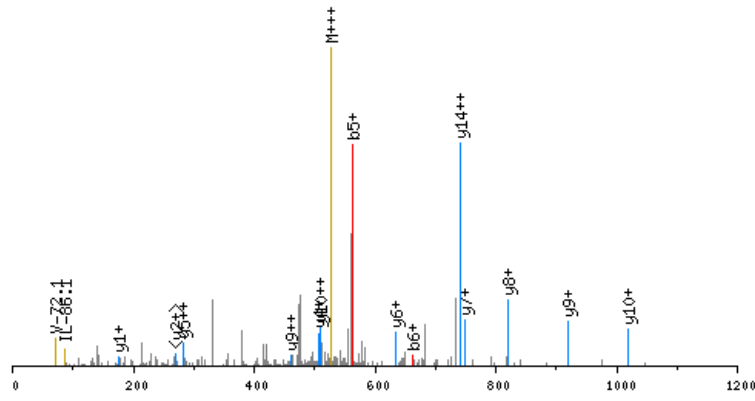
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 13		
197.1290	2	P 12	1206.6595	603.8337
284.1610	3	S 11	1109.6067	555.3073
355.1981	4	A 10	1022.5747	511.7913
442.2301	5	S 9	951.5376	476.2727
539.2829	6	P 8	864.5056	432.7567
652.3670	7	L 7	767.4528	384.2303
723.4041	8	A 6	654.3687	327.6883
836.4882	9	I 5	583.3316	292.1697
973.5471	10	H 4	470.2476	235.6277
1044.5842	11	A 3	333.1886	167.0982
1131.6162	12	S 2	262.1515	131.5797
	13	R 1	175.1195	88.0637

N-term:+29.04

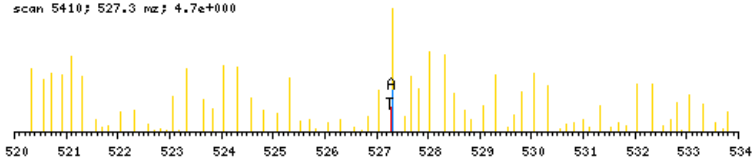
APVEHVADAGAFRLR, MH+ 1579.8596, m/z 527.2914
 L OS G26 P150811 220811-s1.05413.05413.3.dta

scan 5413; 1.1e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5410; 527.3 m/z; 4.7e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 15		
197.1290	2	P 14	1480.7912	740.8995
296.1974	3	V 13	1383.7385	692.3731
425.2400	4	E 12	1284.6701	642.8389
562.2989	5	H 11	1155.6275	578.3176
661.3673	6	V 10	1018.5686	509.7882
760.4357	7	V 9	919.5001	460.2540
831.4728	8	A 8	820.4317	410.7198
946.4998	9	D 7	749.3946	375.2012
1017.5369	10	A 6	634.3677	317.6877
1074.5584	11	G 5	563.3306	282.1692
1145.5955	12	A 4	506.3091	253.6585
1292.6639	13	F 3	435.2720	218.1399
1405.7480	14	L 2	288.2036	144.6057
	15	R 1	175.1195	88.0637

N-term:+29.04

APVIEPSGPELVVEPGETVTLR, MH+ 2317.2655, m/z 773.0933
 L OS G24 P150811 220811-s1.04674.04674.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

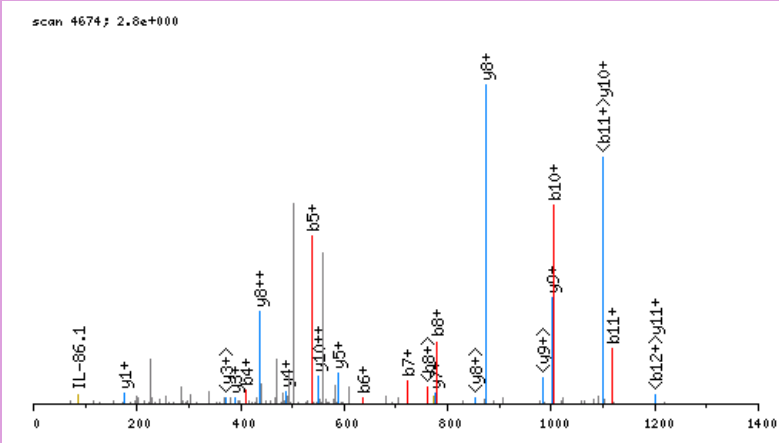
y + 2+ 3+

z + 2+ 3+

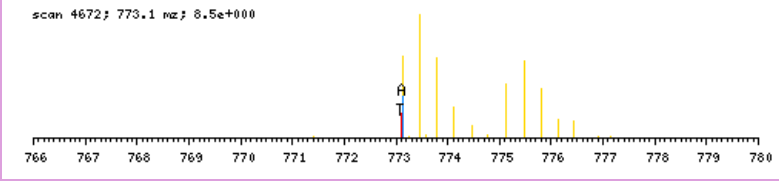
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 22		
197.1290	2	P 21	2218.1971	1109.6025
296.1974	3	V 20	2121.1443	1061.0761
409.2815	4	I 19	2022.0759	1011.5419
538.3240	5	E 18	1908.9918	954.9998
635.3768	6	P 17	1779.9493	890.4785
722.4088	7	S 16	1682.8965	841.9522
779.4303	8	G 15	1595.8645	798.4361
876.4831	9	P 14	1538.8430	769.9254
1005.5257	10	E 13	1441.7902	721.3990
1118.6097	11	L 12	1312.7476	656.8777
1217.6781	12	V 11	1199.6636	600.3357
1316.7466	13	V 10	1100.5952	550.8015
1445.7891	14	E 9	1001.5267	501.2673
1542.8419	15	P 8	872.4842	436.7460
1599.8634	16	G 7	775.4314	388.2196
1728.9060	17	E 6	718.4099	359.7089
1829.9536	18	T 5	589.3673	295.1876
1929.0221	19	V 4	488.3197	244.6637
2030.0697	20	T 3	389.2512	195.1295
2143.1538	21	L 2	288.2036	144.6057
	22	R 1	175.1195	88.0637

N-term:+29.04

AQDGVINEEALSVTELDLDR, MH+ 1986.9984, m/z 663.0043
 L OS G24 P150811 220811-s1.04385.04385.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

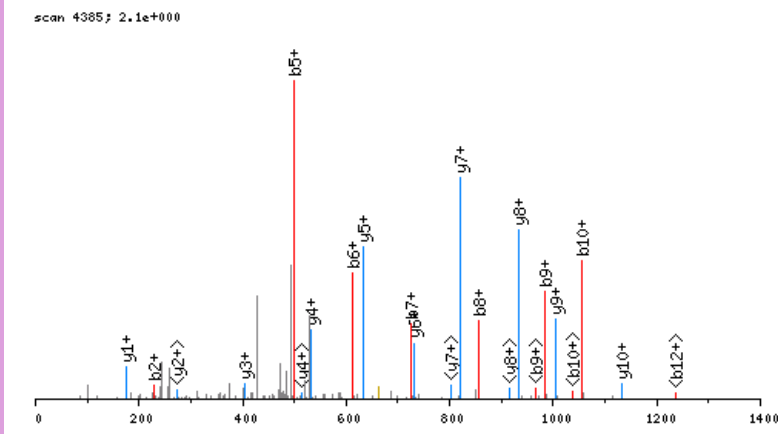
y + 2+ 3+

z + 2+ 3+

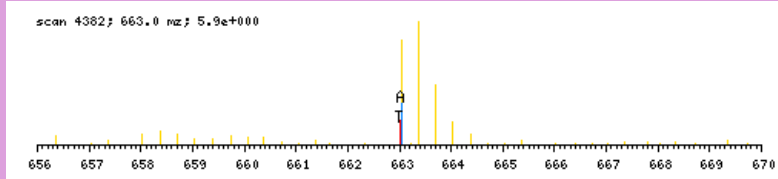
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



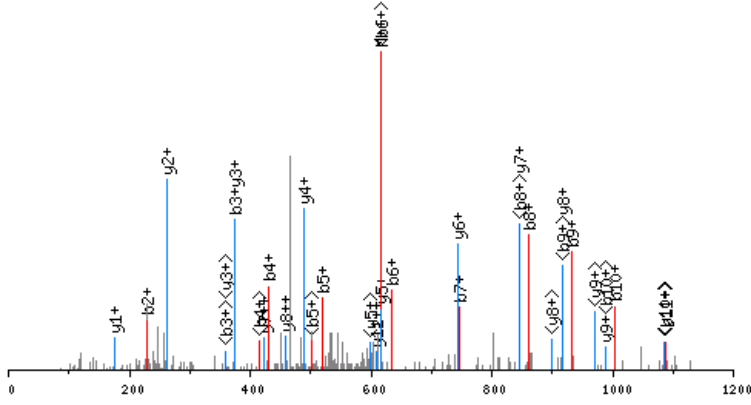
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 18		
228.1348	2	Q 17	1887.9300	944.4689
343.1617	3	D 16	1759.8714	880.4396
400.1832	4	G 15	1644.8445	822.9261
499.2516	5	V 14	1587.8230	794.4154
612.3357	6	I 13	1488.7546	744.8812
726.3786	7	N 12	1375.6705	688.3392
855.4212	8	E 11	1261.6276	631.3177
984.4638	9	E 10	1132.5850	566.7964
1055.5009	10	A 9	1003.5424	502.2751
1168.5850	11	L 8	932.5053	466.7566
1255.6170	12	S 7	819.4212	410.2145
1354.6854	13	V 6	732.3892	366.6985
1455.7331	14	T 5	633.3208	317.1643
1584.7757	15	E 4	532.2731	266.6405
1697.8597	16	L 3	403.2305	202.1192
1812.8867	17	D 2	290.1464	145.5771
	18	R 1	175.1195	88.0637

N-term:+29.04

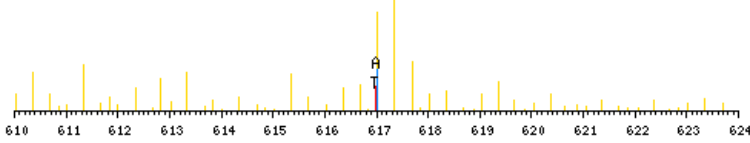
AQFGSDLDAATQQLLSR, MH+ 1848.9455, m/z 616.9867
 L OS G25 P150811 220811-s1.07991.07991.3.dta

scan 7991; 8.4e-001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 7987; 617.0 m/z; 4.1e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 17		
228.1348	2	Q 16	1749.8772	875.4425
375.2032	3	F 15	1621.8186	811.4132
432.2247	4	G 14	1474.7502	737.8790
519.2567	5	S 13	1417.7287	709.3683
634.2836	6	D 12	1330.6967	665.8522
747.3677	7	L 11	1215.6697	608.3388
862.3946	8	D 10	1102.5857	551.7967
933.4318	9	A 9	987.5587	494.2833
1004.4689	10	A 8	916.5216	458.7647
1105.5166	11	T 7	845.4845	423.2462
1233.5751	12	Q 6	744.4368	372.7223
1361.6337	13	Q 5	616.3782	308.6930
1474.7178	14	L 4	488.3197	244.6637
1587.8018	15	L 3	375.2356	188.1217
1674.8339	16	S 2	262.1515	131.5797
	17	R 1	175.1195	88.0637

N-term:+29.04

AQGDSASKGPTTHSLYPQFLR, MH+ 2317.1941, m/z 580.0540
 L OS G28 P150811 220811-s1.05466.05466.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

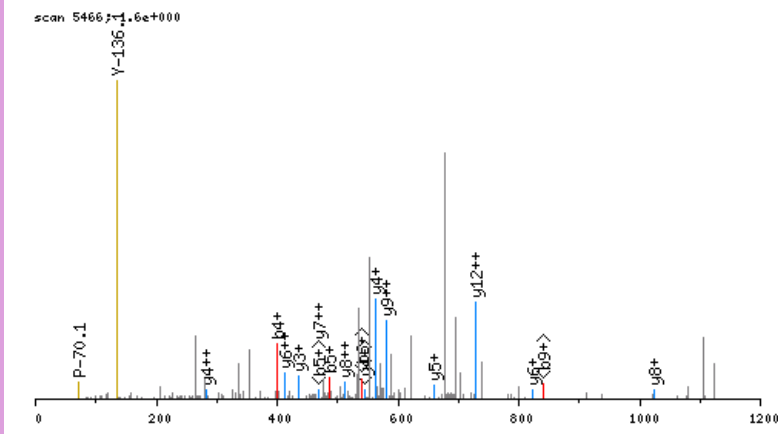
y + 2+ 3+

z + 2+ 3+

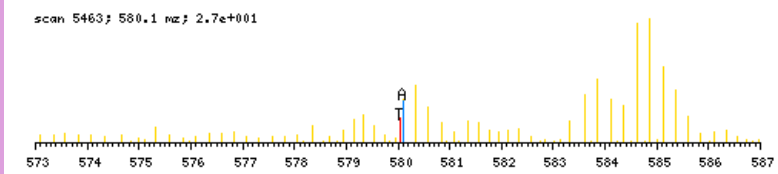
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 21		
228.1348	2	Q 20	2218.1257	1109.5668
285.1563	3	G 19	2090.0671	1045.5375
400.1832	4	D 18	2033.0457	1017.0267
487.2152	5	S 17	1918.0187	959.5133
558.2523	6	A 16	1830.9867	915.9973
645.2844	7	S 15	1759.9496	880.4787
801.4107	8	K 14	1672.9175	836.9627
858.4321	9	G 13	1516.7912	758.8995
955.4849	10	P 12	1459.7698	730.3888
1056.5326	11	T 11	1362.7170	681.8624
1157.5803	12	T 10	1261.6693	631.3386
1294.6392	13	H 9	1160.6217	580.8147
1381.6712	14	S 8	1023.5627	512.2853
1494.7553	15	L 7	936.5307	468.7693
1657.8186	16	Y 6	823.4466	412.2272
1754.8714	17	P 5	660.3833	330.6956
1882.9299	18	Q 4	563.3306	282.1692
2029.9983	19	F 3	435.2720	218.1399
2143.0824	20	L 2	288.2036	144.6057
	21	R 1	175.1195	88.0637

N-term:+29.04 K(8):+156.13

AQGGTTSAITFPPEEQEDPR, MH+ 2165.0574, m/z 722.3573
 H OS G24 P150811 220811-s1.03588.03588.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

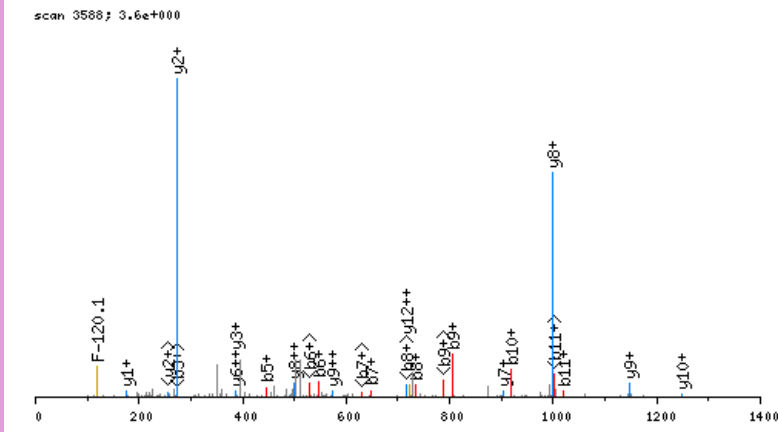
y + 2+ 3+

z + 2+ 3+

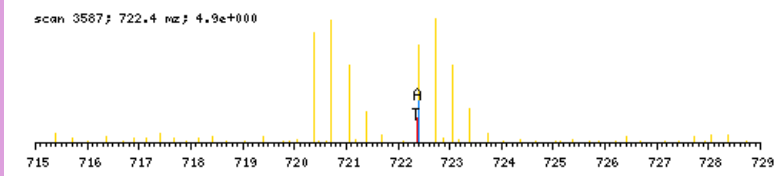
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



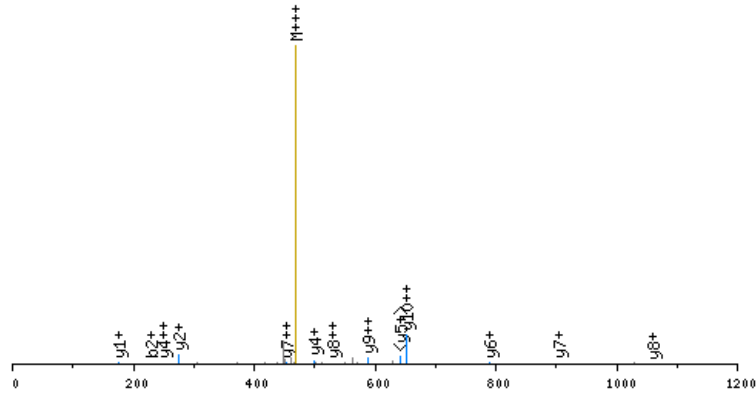
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
106.1080	1	A	20		
234.1666	2	Q	19	2059.9573	1030.4825
291.1881	3	G	18	1931.8987	966.4533
388.2408	4	P	17	1874.8772	937.9425
445.2623	5	G	16	1777.8244	889.4161
546.3100	6	T	15	1720.8030	860.9054
647.3576	7	T	14	1619.7553	810.3816
734.3897	8	S	13	1518.7076	759.8577
805.4268	9	A	12	1431.6756	716.3417
918.5108	10	I	11	1360.6385	680.8232
1019.5585	11	T	10	1247.5544	624.2811
1166.6269	12	F	9	1146.5067	573.7573
1263.6797	13	P	8	999.4383	500.2231
1392.7223	14	E	7	902.3856	451.6967
1521.7649	15	E	6	773.3430	387.1754
1649.8235	16	Q	5	644.3004	322.6541
1778.8661	17	E	4	516.2418	258.6248
1893.8930	18	D	3	387.1992	194.1035
1990.9458	19	P	2	272.1723	136.5900
	20	R	1	175.1195	88.0637

N-term:+35.07

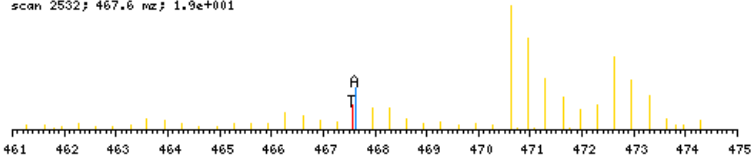
AQLKDECEVVR, MH+ 1400.7207, m/z 467.5784
 L OS G27 P150811 220811-s1.02533.02533.3.dta

scan 2533; 1.8e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2532; 467.6 mz; 1.9e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A	11	
228.1348	2	Q	10	1301.6523
341.2189	3	L	9	1173.5938
497.3452	4	K	8	1060.5097
612.3721	5	D	7	904.3834
741.4147	6	E	6	789.3565
901.4453	7	C	5	660.3139
998.4981	8	P	4	500.2833
1127.5406	9	E	3	403.2305
1226.6091	10	V	2	274.1879
	11	R	1	175.1195

N-term:+29.04 K(4):+156.13
 C(7):+160.03

AQMIGTEYMQDPDEEALR, MH+ 2118.9536, m/z 706.9894
 H OS G24 P150811 220811-s1.03604.03604.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

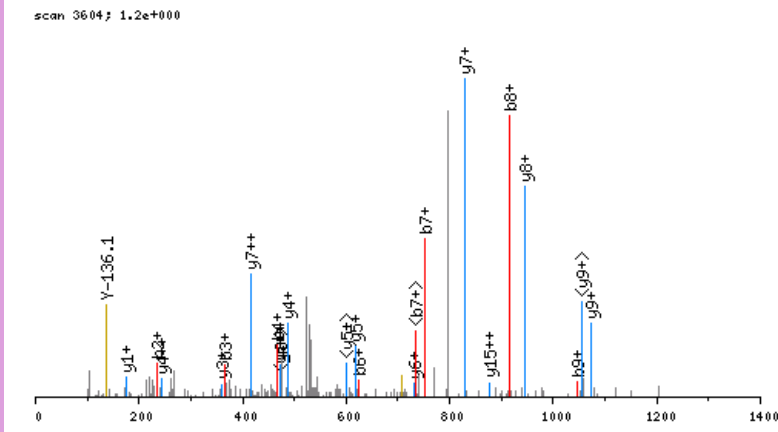
y + 2+ 3+

z + 2+ 3+

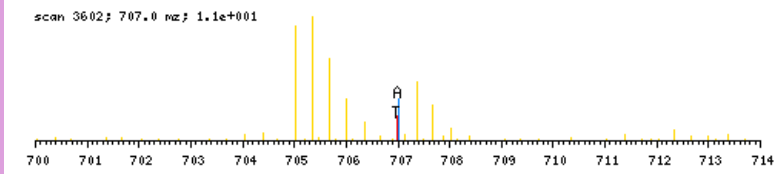
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 18		
234.1666	2	Q 17	2013.8534	1007.4306
365.2071	3	M 16	1885.7948	943.4013
466.2548	4	T 15	1754.7543	877.8811
523.2762	5	G 14	1653.7066	827.3572
624.3239	6	T 13	1596.6852	798.8465
753.3665	7	E 12	1495.6375	748.3227
916.4298	8	Y 11	1366.5949	683.8014
1047.4703	9	M 10	1203.5316	602.2697
1175.5289	10	Q 9	1072.4911	536.7495
1290.5558	11	D 8	944.4325	472.7202
1387.6086	12	P 7	829.4056	415.2067
1502.6355	13	D 6	732.3528	366.6803
1631.6781	14	E 5	617.3259	309.1668
1760.7207	15	E 4	488.2833	244.6455
1831.7578	16	A 3	359.2407	180.1243
1944.8419	17	L 2	288.2036	144.6057
	18	R 1	175.1195	88.0637

N-term:+35.07

AQNFGQLQHLSSGHLR, MH+ 1805.9775, m/z 452.2498
 L OS G28 P150811 220811-s1.06056.06056.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

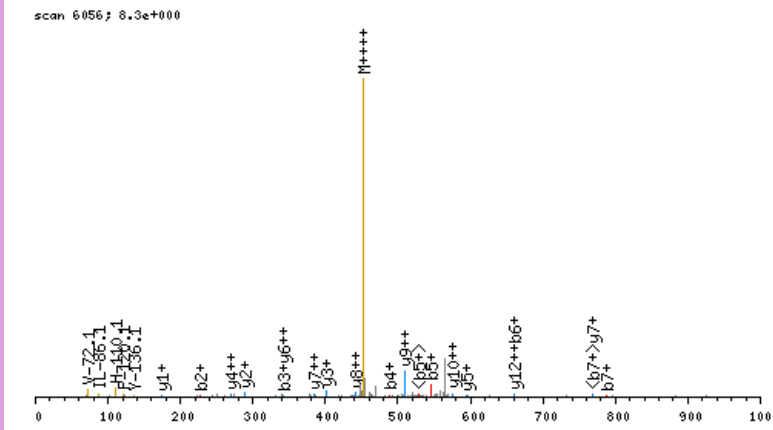
y + 2+ 3+

z + 2+ 3+

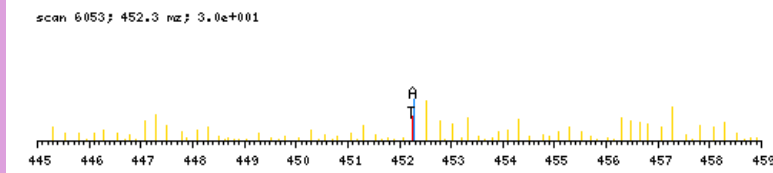
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 16		
228.1348	2	Q 15	1706.9091	853.9584
342.1777	3	N 14	1578.8505	789.9292
489.2461	4	F 13	1464.8076	732.9077
546.2676	5	G 12	1317.7391	659.3735
659.3517	6	L 11	1260.7177	630.8628
787.4102	7	Q 10	1147.6336	574.3207
924.4691	8	H 9	1019.5750	510.2914
1037.5532	9	L 8	882.5161	441.7620
1124.5852	10	S 7	769.4321	385.2199
1211.6173	11	S 6	682.4000	341.7039
1268.6387	12	G 5	595.3680	298.1879
1405.6976	13	H 4	538.3465	269.6772
1518.7817	14	L 3	401.2876	201.1477
1631.8658	15	L 2	288.2036	144.6057
	16	R 1	175.1195	88.0637

N-term:+29.04

AQPKNLEGVVGFFANLPNQVYR, MH+ 2434.2883, m/z 609.3275
 L OS G26 P150811 220811-s1.06122.06122.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

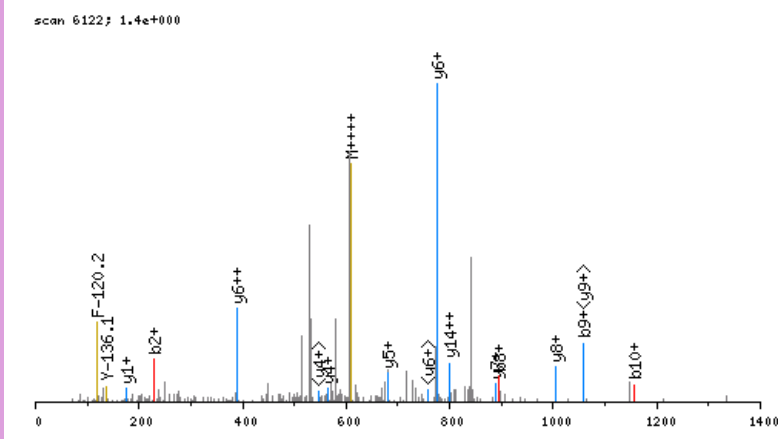
y + 2+ 3+

z + 2+ 3+

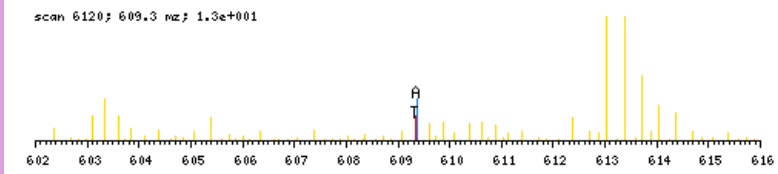
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
100.0762	1	A	21		
228.1348	2	Q	20	2335.2199	1168.1139
325.1876	3	P	19	2207.1613	1104.0846
481.3139	4	K	18	2110.1086	1055.5582
595.3568	5	N	17	1953.9823	977.4951
708.4408	6	L	16	1839.9394	920.4736
837.4834	7	E	15	1726.8553	863.9316
894.5049	8	G	14	1597.8127	799.4103
1057.5682	9	Y	13	1540.7912	770.8995
1156.6366	10	V	12	1377.7279	689.3679
1213.6581	11	G	11	1278.6595	639.8337
1360.7265	12	F	10	1221.6380	611.3229
1431.7636	13	A	9	1074.5696	537.7887
1545.8066	14	N	8	1003.5325	502.2702
1658.8906	15	L	7	889.4896	445.2487
1755.9434	16	P	6	776.4055	388.7067
1869.9863	17	N	5	679.3527	340.1803
1998.0449	18	Q	4	565.3098	283.1588
2097.1133	19	V	3	437.2512	219.1295
2260.1766	20	Y	2	338.1828	169.5953
	21	R	1	175.1195	88.0637

N-term:+29.04 K(4):+156.13

AQPPAAAAPSavgspaaapr, MH+ 1791.9929, m/z 598.0025
 H OS G24 P150811 220811-s1.02896.02896.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

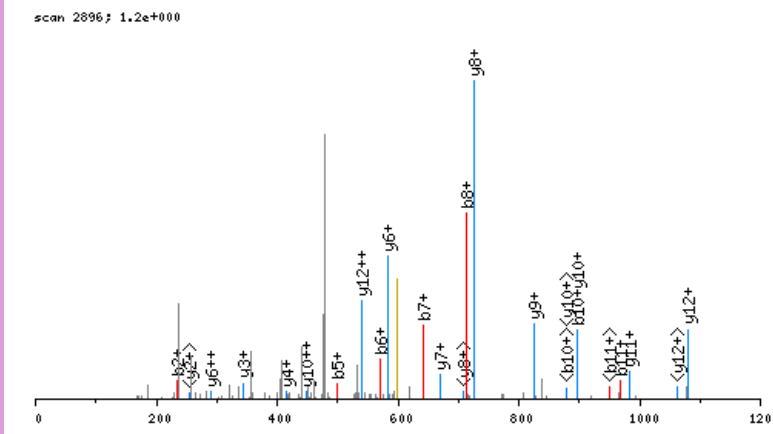
y + 2+ 3+

z + 2+ 3+

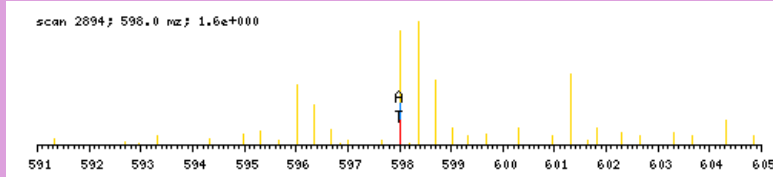
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 20		
234.1666	2	Q 19	1686.8927	843.9503
331.2194	3	P 18	1558.8342	779.9210
428.2721	4	P 17	1461.7814	731.3946
499.3092	5	A 16	1364.7286	682.8682
570.3463	6	A 15	1293.6915	647.3497
641.3835	7	A 14	1222.6544	611.8311
712.4206	8	A 13	1151.6173	576.3126
809.4733	9	P 12	1080.5802	540.7940
896.5054	10	S 11	983.5274	492.2676
967.5425	11	A 10	896.4954	448.7516
1066.6109	12	V 9	825.4583	413.2331
1123.6324	13	G 8	726.3899	363.6988
1210.6644	14	S 7	669.3684	335.1881
1307.7172	15	P 6	582.3364	291.6721
1378.7543	16	A 5	485.2836	243.1457
1449.7914	17	A 4	414.2465	207.6272
1520.8285	18	A 3	343.2094	172.1086
1617.8813	19	P 2	272.1723	136.5900
	20	R 1	175.1195	88.0637

N-term:+35.07

ARDDLITDLLNEAKQR, MH+ 1927.0613, m/z 482.5208
 L OS G28 P150811 220811-s1.09041.09041.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

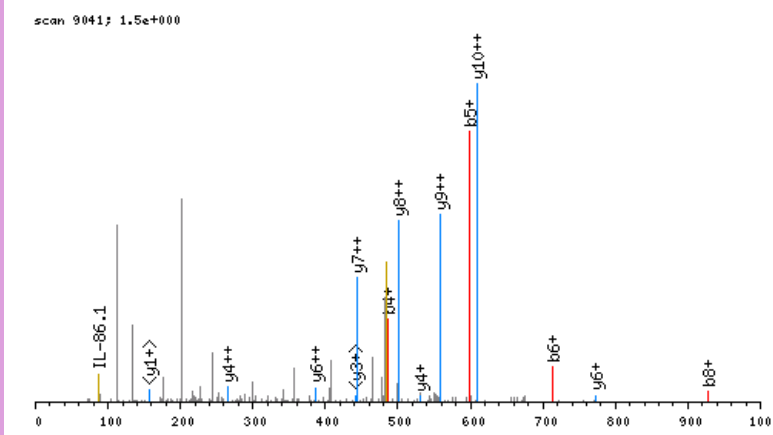
y + 2+ 3+

z + 2+ 3+

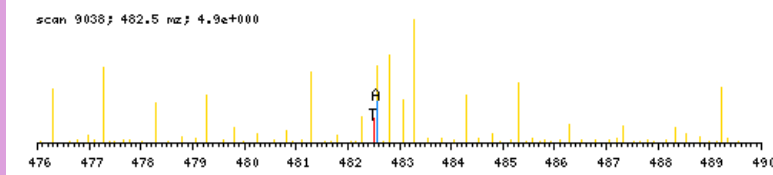
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



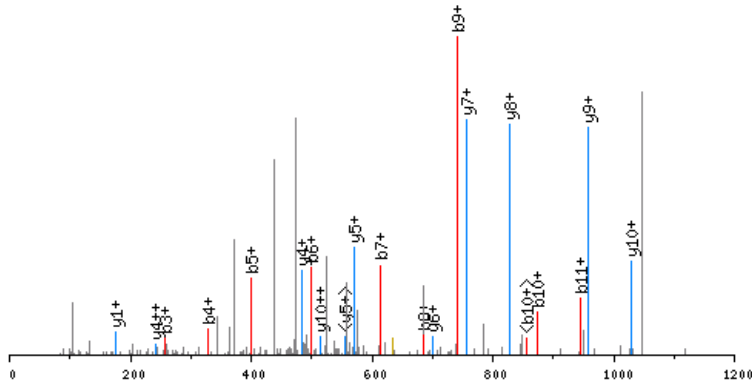
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 16		
256.1773	2	R 15	1827.9929	914.5004
371.2043	3	D 14	1671.8918	836.4498
486.2312	4	D 13	1556.8648	778.9363
599.3153	5	L 12	1441.8379	721.4229
712.3993	6	I 11	1328.7538	664.8808
813.4470	7	T 10	1215.6698	608.3388
928.4740	8	D 9	1114.6221	557.8150
1041.5580	9	L 8	999.5951	500.3015
1154.6421	10	L 7	886.5111	443.7595
1268.6850	11	N 6	773.4270	387.2174
1397.7276	12	E 5	659.3841	330.1960
1468.7647	13	A 4	530.3415	265.6747
1624.8910	14	K 3	459.3044	230.1561
1752.9496	15	Q 2	303.1781	152.0930
	16	R 1	175.1195	88.0637

N-term:+29.04 K(14):+156.13

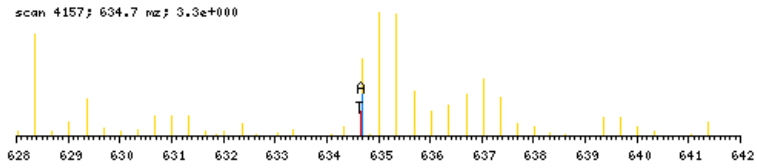
ASAAAVDAGMAMAGQSPVLR, MH+ 1901.9577, m/z 634.6574
 L OS G24 P150811 220811-s1.04161.04161.3.dta

scan 4161; 1.2e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 4157; 634.7 m/z; 3.3e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
100.0762	1	A	20		
187.1082	2	S	19	1802.8893	901.9486
258.1454	3	A	18	1715.8573	858.4326
329.1825	4	A	17	1644.8202	822.9140
400.2196	5	A	16	1573.7831	787.3954
499.2880	6	V	15	1502.7459	751.8769
614.3149	7	D	14	1403.6775	702.3427
685.3521	8	A	13	1288.6506	644.8292
742.3735	9	G	12	1217.6135	609.3106
873.4140	10	M	11	1160.5920	580.7999
944.4511	11	A	10	1029.5515	515.2797
1075.4916	12	M	9	958.5144	479.7611
1146.5287	13	A	8	827.4739	414.2409
1203.5502	14	G	7	756.4368	378.7223
1331.6088	15	Q	6	699.4153	350.2116
1418.6408	16	S	5	571.3568	286.1823
1515.6935	17	P	4	484.3247	242.6663
1614.7620	18	V	3	387.2720	194.1399
1727.8460	19	L	2	288.2036	144.6057
	20	R	1	175.1195	88.0637

N-term:+29.04

ASAESEDDVEEAALKLR, MH+ 1846.9034, m/z 616.3060
 L OS G26 P150811 220811-s1.04182.04182.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

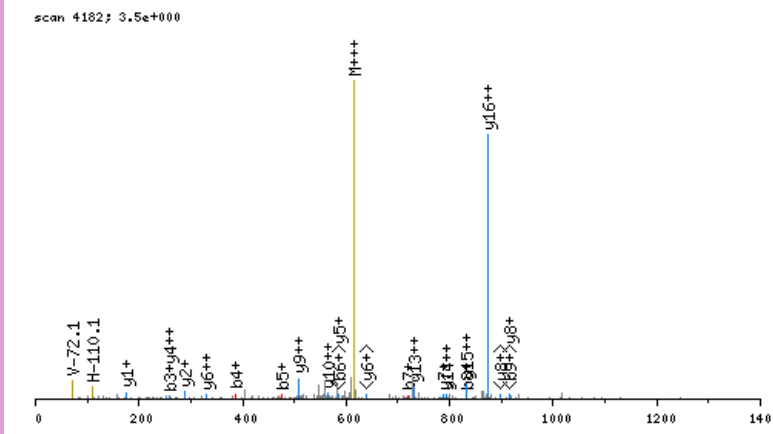
y + 2+ 3+

z + 2+ 3+

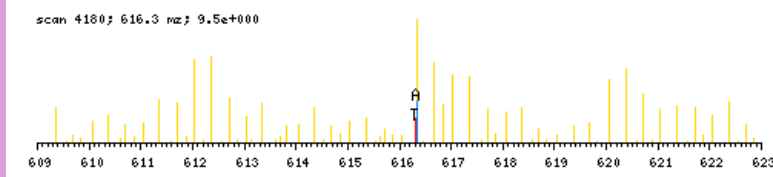
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 17		
187.1082	2	S 16	1747.8350	874.4214
258.1454	3	A 15	1660.8030	830.9054
387.1879	4	E 14	1589.7659	795.3869
474.2200	5	S 13	1460.7233	730.8656
603.2626	6	E 12	1373.6913	687.3496
718.2895	7	D 11	1244.6487	622.8283
833.3165	8	D 10	1129.6217	565.3148
932.3849	9	V 9	1014.5948	507.8013
1061.4275	10	E 8	915.5264	458.2671
1190.4701	11	E 7	786.4838	393.7458
1261.5072	12	A 6	657.4412	329.2245
1332.5443	13	A 5	586.4041	293.7060
1488.6706	14	K 4	515.3670	258.1874
1559.7077	15	A 3	359.2407	180.1243
1672.7918	16	L 2	288.2036	144.6057
	17	R 1	175.1195	88.0637

N-term:+29.04 K(14):+156.13

ASAFGSSTESLVAR, MH+ 1410.7229, m/z 705.8651
 L OS G25 P150811 220811-s1.04848.04848.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

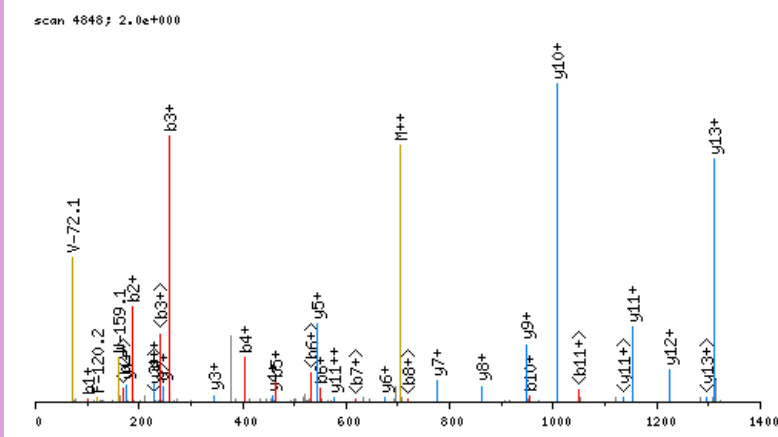
y + 2+ 3+

z + 2+ 3+

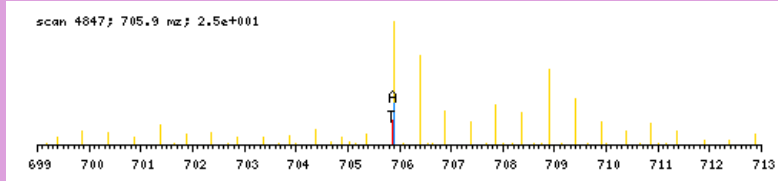
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 14		
187.1082	2	S 13	1311.6545	656.3311
258.1454	3	A 12	1224.6224	612.8151
405.2138	4	F 11	1153.5853	577.2966
462.2352	5	G 10	1006.5169	503.7624
549.2673	6	S 9	949.4954	475.2516
636.2993	7	S 8	862.4634	431.7356
737.3470	8	T 7	775.4314	388.2196
866.3896	9	E 6	674.3837	337.6958
953.4216	10	S 5	545.3411	273.1745
1066.5057	11	L 4	458.3091	229.6585
1165.5741	12	V 3	345.2250	173.1164
1236.6112	13	A 2	246.1566	123.5822
	14	R 1	175.1195	88.0637

N-term:+29.04

ASALWNDEVKAEQELR, MH+ 2030.0195, m/z 677.3447
L OS G26 P150811 220811-s1.06174.06174.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

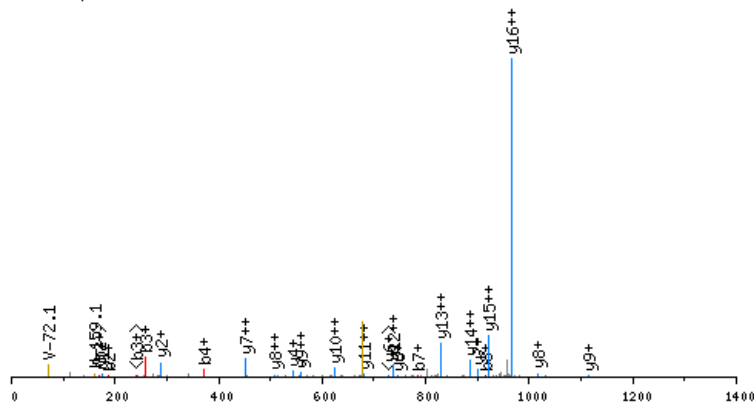
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

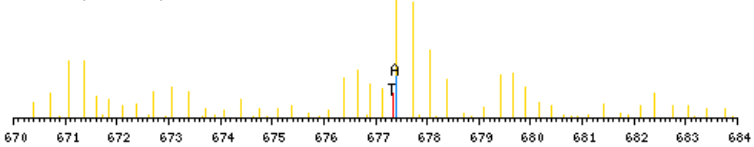
GO

scan 6174; 7.3e+000



[click image to zoom in; click top corners to zoom out](#) [\[precursor±\]](#)

scan 6170; 677.3 m/z; 8.4e+000



[zoomed in precursor plot; T=theoretical m/z, A=acquired m/z](#)

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 17		
187.1082	2	S 16	1930.9511	965.9795
258.1454	3	A 15	1843.9191	922.4634
371.2294	4	L 14	1772.8819	886.9449
557.3087	5	W 13	1659.7979	830.4029
671.3517	6	N 12	1473.7186	737.3632
786.3786	7	D 11	1359.6756	680.3417
915.4212	8	E 10	1244.6487	622.8283
1014.4896	9	V 9	1115.6061	558.3070
1129.5166	10	D 8	1016.5377	508.7728
1285.6429	11	K 7	901.5107	451.2593
1356.6800	12	A 6	745.3844	373.1961
1485.7226	13	E 5	674.3473	337.6776
1613.7811	14	Q 4	545.3047	273.1563
1742.8237	15	E 3	417.2462	209.1270
1855.9078	16	L 2	288.2036	144.6057
	17	R 1	175.1195	88.0637

N-term:+29.04 K(11):+156.13

ASEPQEVLHIGSAHNR, MH+ 1772.9043, m/z 443.9815
 L OS G28 P150811 220811-s1.03824.03824.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

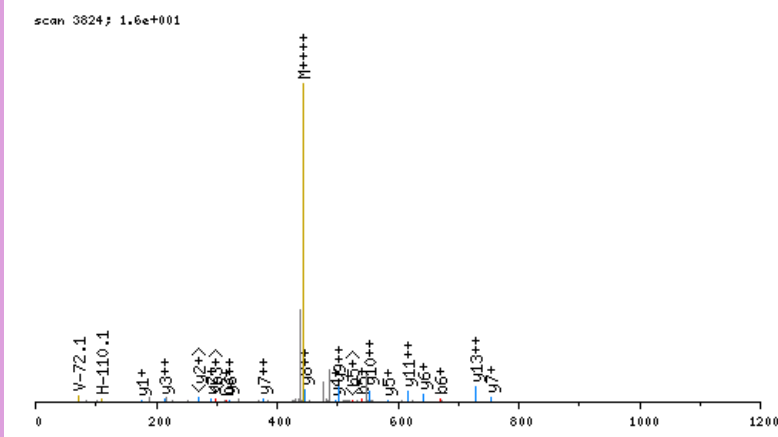
y + 2+ 3+

z + 2+ 3+

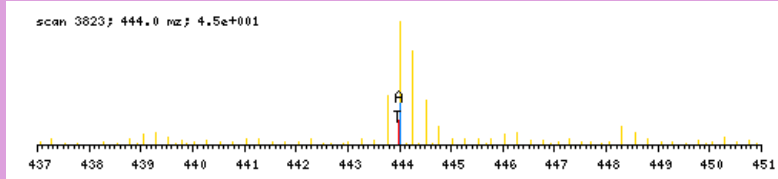
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 16		
187.1082	2	S 15	1673.8360	837.4219
316.1508	3	E 14	1586.8039	793.9059
413.2036	4	P 13	1457.7613	729.3846
541.2622	5	Q 12	1360.7086	680.8582
670.3048	6	E 11	1232.6500	616.8289
769.3732	7	V 10	1103.6074	552.3076
882.4572	8	L 9	1004.5390	502.7734
1019.5162	9	H 8	891.4549	446.2314
1132.6002	10	I 7	754.3960	377.7019
1189.6217	11	G 6	641.3119	321.1599
1276.6537	12	S 5	584.2905	292.6492
1347.6908	13	A 4	497.2585	249.1331
1484.7497	14	H 3	426.2213	213.6146
1598.7927	15	N 2	289.1624	145.0851
	16	R 1	175.1195	88.0637

N-term:+29.04

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

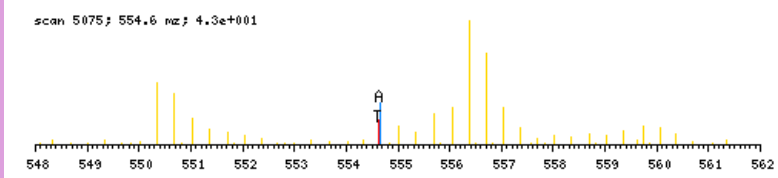
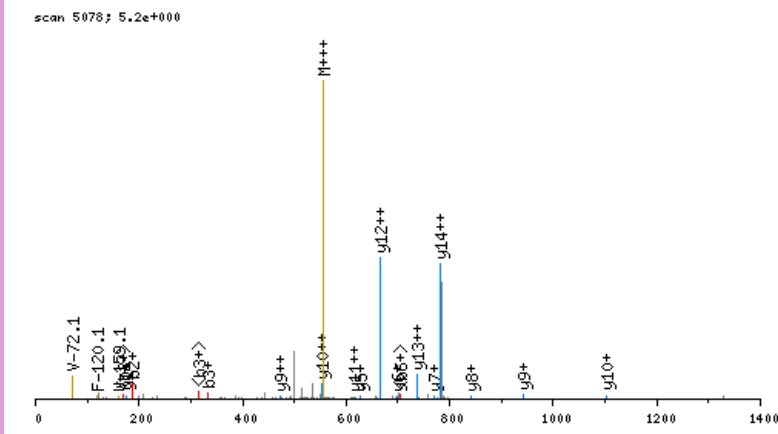
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO



b ⁺	#	AA	#	y ⁺	y ²⁺
100.0762	1	A	15		
187.1082	2	S	14	1562.8365	781.9221
334.1767	3	F	13	1475.8044	738.4061
431.2294	4	P	12	1328.7360	664.8719
560.2720	5	E	11	1231.6833	616.3455
720.3026	6	C	10	1102.6407	551.8242
821.3503	7	T	9	942.6101	471.8089
892.3874	8	A	8	841.5624	421.2851
963.4245	9	A	7	770.5253	385.7665
1034.4616	10	A	6	699.4882	350.2480
1147.5457	11	I	5	628.4510	314.7294
1303.6720	12	K	4	515.3670	258.1874
1374.7091	13	A	3	359.2407	180.1243
1487.7932	14	I	2	288.2036	144.6057
	15	R	1	175.1195	88.0637

N-term:+29.04 C(6):+160.03
 K(12):+156.13

ASGDKEAEGAPQVEAGKR, MH+ 1902.0781, m/z 476.2750
 H OS G28 P150811 220811-s1.01895.01895.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

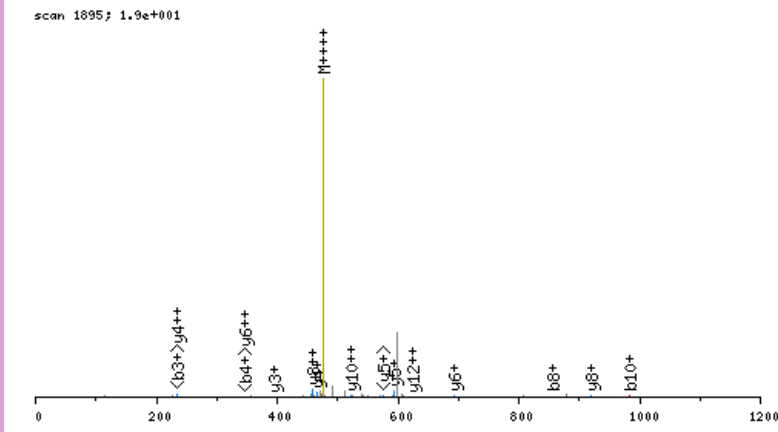
y + 2+ 3+

z + 2+ 3+

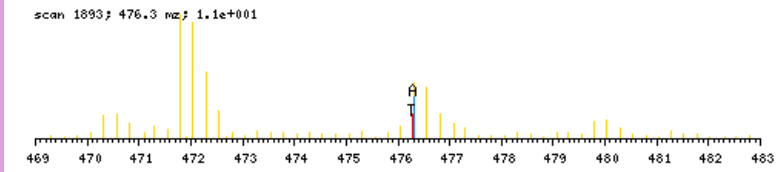
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 18		
193.1400	2	S 17	1796.9779	898.9929
250.1615	3	G 16	1709.9459	855.4769
365.1884	4	D 15	1652.9244	826.9661
527.3465	5	K 14	1537.8975	769.4527
656.3891	6	E 13	1375.7394	688.3736
727.4263	7	A 12	1246.6968	623.8523
856.4688	8	E 11	1175.6597	588.3338
913.4903	9	G 10	1046.6171	523.8125
984.5274	10	A 9	989.5956	495.3017
1081.5802	11	P 8	918.5585	459.7832
1209.6388	12	Q 7	821.5058	411.2568
1308.7072	13	V 6	693.4472	347.2275
1437.7498	14	E 5	594.3788	297.6933
1508.7869	15	A 4	465.3362	233.1720
1565.8084	16	G 3	394.2991	197.6534
1727.9665	17	K 2	337.2776	169.1427
	18	R 1	175.1195	88.0637

N-term:+35.07 K(5):+162.16
 K(17):+162.16

ASGGVPTDEEQATGLER, MH+ 1801.8568, m/z 601.2904
 L OS G25 P150811 220811-s1.03724.03724.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

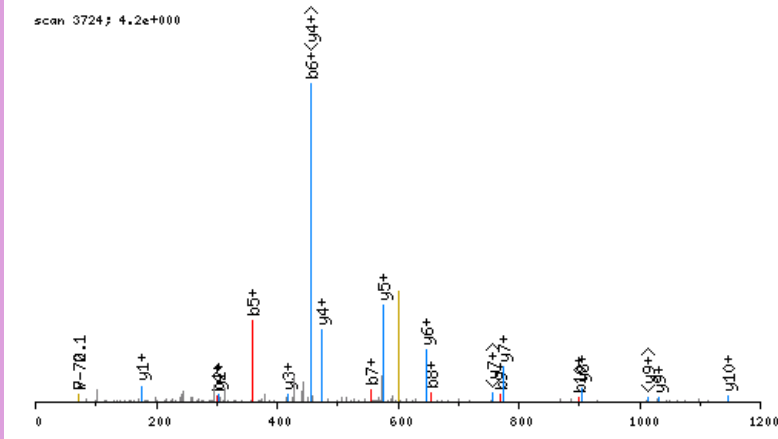
y + 2+ 3+

z + 2+ 3+

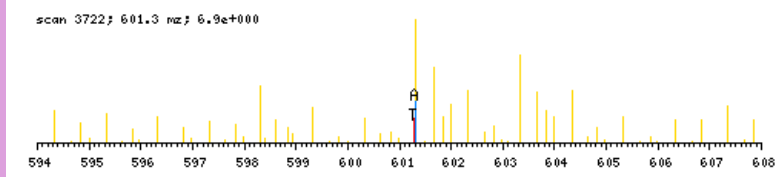
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 18		
187.1082	2	S 17	1702.7884	851.8981
244.1297	3	G 16	1615.7564	808.3821
301.1512	4	G 15	1558.7349	779.8714
358.1726	5	G 14	1501.7134	751.3606
457.2410	6	V 13	1444.6920	722.8499
554.2938	7	P 12	1345.6236	673.3157
655.3415	8	T 11	1248.5708	624.7893
770.3684	9	D 10	1147.5231	574.2655
899.4110	10	E 9	1032.4962	516.7520
1028.4536	11	E 8	903.4536	452.2307
1156.5122	12	Q 7	774.4110	387.7094
1227.5493	13	A 6	646.3524	323.6801
1328.5970	14	T 5	575.3153	288.1616
1385.6185	15	G 4	474.2676	237.6377
1498.7025	16	L 3	417.2462	209.1270
1627.7451	17	E 2	304.1621	152.5850
	18	R 1	175.1195	88.0637

N-term:+29.04

ASGPGGLHADLLR, MH+ 1291.7122, m/z 431.2423
 L OS G27 P150811 220811-s1.04433.04433.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

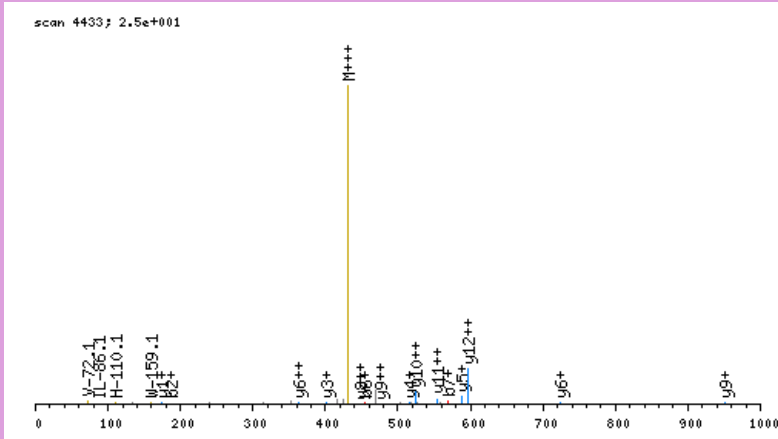
y + 2+ 3+

z + 2+ 3+

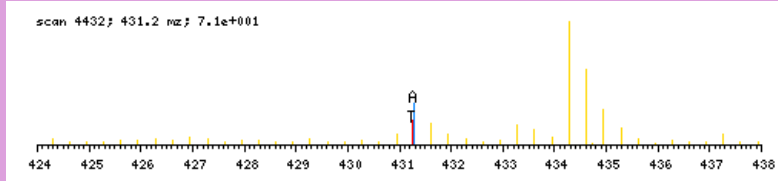
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 13		
187.1082	2	S 12	1192.6438	596.8258
244.1297	3	G 11	1105.6118	553.3098
341.1825	4	P 10	1048.5904	524.7991
398.2039	5	G 9	951.5376	476.2727
455.2254	6	G 8	894.5161	447.7620
568.3095	7	L 7	837.4947	419.2512
705.3684	8	H 6	724.4106	362.7092
776.4055	9	A 5	587.3517	294.1798
891.4324	10	D 4	516.3146	258.6612
1004.5165	11	L 3	401.2876	201.1477
1117.6006	12	L 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+29.04

ASIFGGAKPVDTAAR, MH+ 1516.8488, m/z 506.2878
 L OS G26 P150811 220811-s1.03316.03316.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

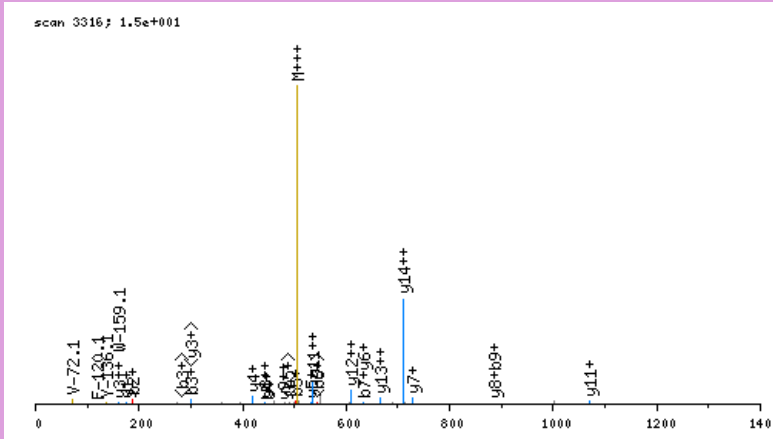
y + 2+ 3+

z + 2+ 3+

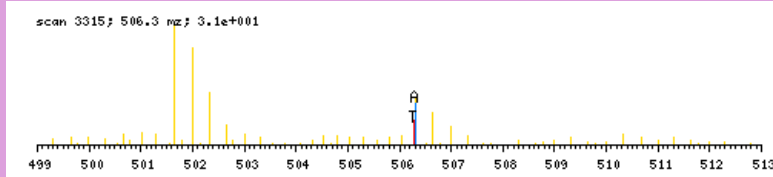
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 15		
187.1082	2	S 14	1417.7804	709.3941
300.1923	3	I 13	1330.7483	665.8781
447.2607	4	F 12	1217.6643	609.3361
504.2822	5	G 11	1070.5959	535.8018
561.3036	6	G 10	1013.5744	507.2911
632.3408	7	A 9	956.5529	478.7804
788.4671	8	K 8	885.5158	443.2618
885.5198	9	P 7	729.3895	365.1987
984.5882	10	V 6	632.3368	316.6723
1099.6152	11	D 5	533.2683	267.1381
1200.6629	12	T 4	418.2414	209.6246
1271.7000	13	A 3	317.1937	159.1008
1342.7371	14	A 2	246.1566	123.5822
	15	R 1	175.1195	88.0637

N-term:+29.04 K(8):+156.13

ASKPTLNEVVIVSAIR, MH+ 1753.0588, m/z 585.0244
 L OS G26 P150811 220811-s1.05436.05436.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

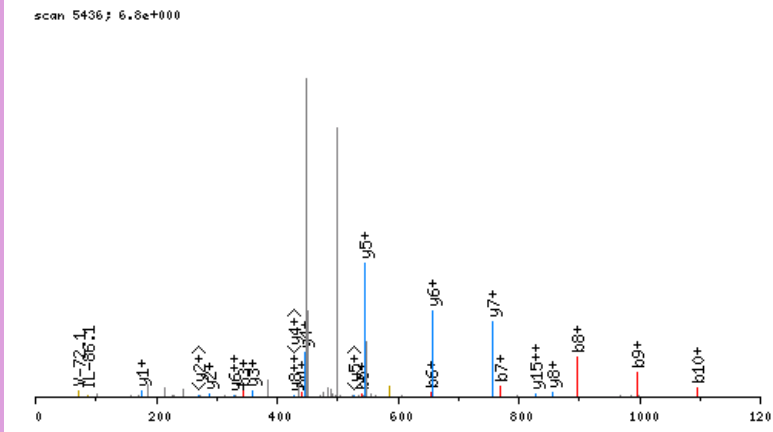
y + 2+ 3+

z + 2+ 3+

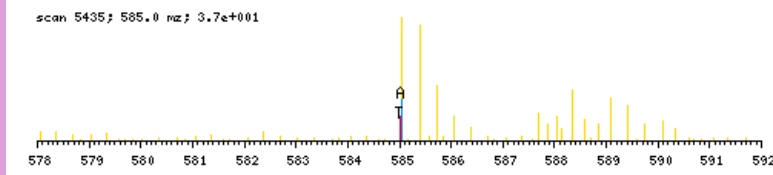
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 16		
187.1082	2	S 15	1653.9904	827.4991
343.2345	3	K 14	1566.9583	783.9831
440.2873	4	P 13	1410.8320	705.9199
541.3350	5	T 12	1313.7793	657.3936
654.4190	6	L 11	1212.7316	606.8697
768.4620	7	N 10	1099.6475	550.3277
897.5046	8	E 9	985.6046	493.3062
996.5730	9	V 8	856.5620	428.7849
1095.6414	10	V 7	757.4936	379.2507
1208.7255	11	I 6	658.4252	329.7165
1307.7939	12	V 5	545.3411	273.1745
1394.8259	13	S 4	446.2727	223.6403
1465.8630	14	A 3	359.2407	180.1243
1578.9471	15	I 2	288.2036	144.6057
	16	R 1	175.1195	88.0637

N-term:+29.04 K(3):+156.13

ASLSEKPPAIDWAYR, MH+ 1923.0016, m/z 641.6721
 L OS G26 P150811 220811-s1.05537.05537.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

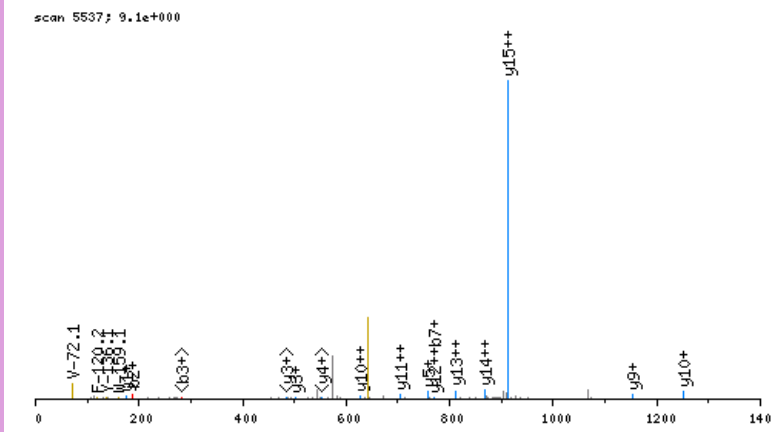
y + 2+ 3+

z + 2+ 3+

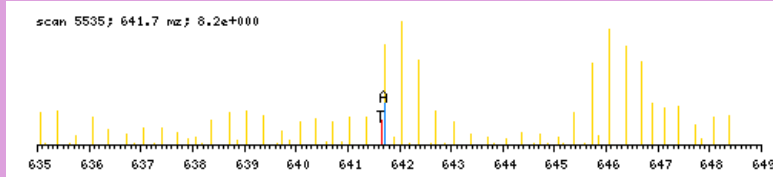
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



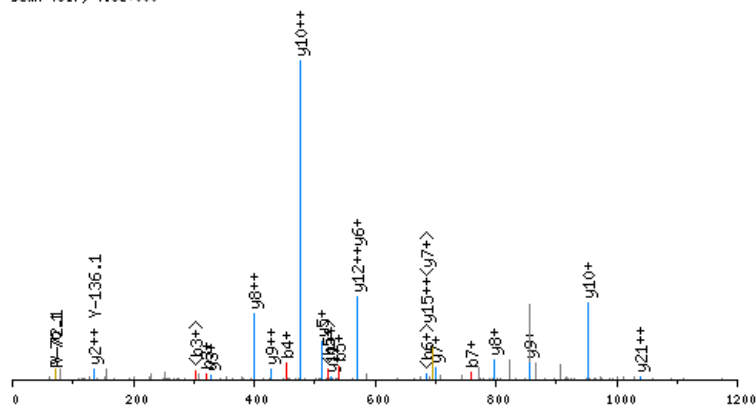
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 16		
187.1082	2	S 15	1823.9332	912.4705
300.1923	3	L 14	1736.9012	868.9545
387.2243	4	S 13	1623.8172	812.4125
516.2669	5	E 12	1536.7851	768.8965
672.3932	6	K 11	1407.7425	704.3752
769.4460	7	P 10	1251.6162	626.3120
866.4988	8	P 9	1154.5635	577.7856
937.5359	9	A 8	1057.5107	529.2593
1050.6199	10	I 7	986.4736	493.7407
1165.6469	11	D 6	873.3895	437.1987
1351.7262	12	W 5	758.3626	379.6852
1422.7633	13	A 4	572.2833	286.6455
1585.8266	14	Y 3	501.2462	251.1270
1748.8900	15	Y 2	338.1828	169.5953
	16	R 1	175.1195	88.0637

N-term:+29.04 K(6):+156.13

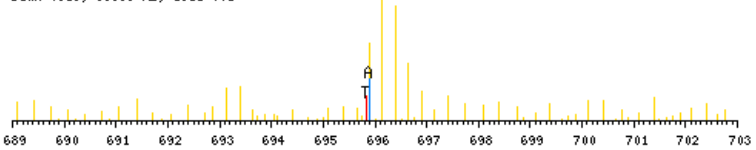
ASQMSYGYDEKSAGVSPGPMGPGSPGR, MH+ 2780.3660, m/z 695.8470
 H OS G26 P150811 220811-s1.04617.04617.4.dta

scan 4617; 4.3e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 4615; 695.8 m/z; 1.1e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

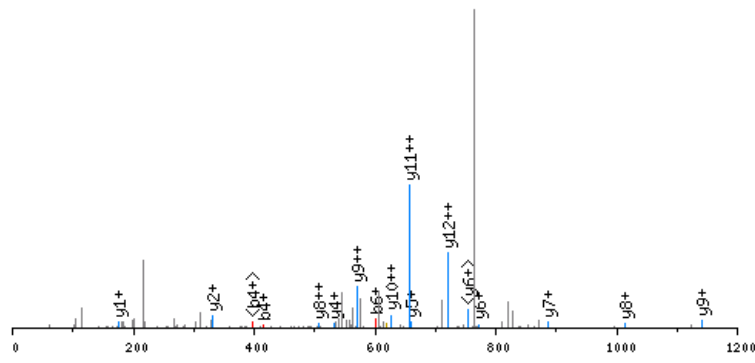
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
106.1080	1	A	27		
193.1400	2	S	26	2675.2658	1338.1368
321.1986	3	Q	25	2588.2338	1294.6208
452.2391	4	M	24	2460.1752	1230.5915
539.2711	5	S	23	2329.1347	1165.0713
702.3345	6	Y	22	2242.1027	1121.5553
759.3559	7	G	21	2079.0394	1040.0236
922.4193	8	Y	20	2022.0179	1011.5129
1037.4462	9	D	19	1858.9546	929.9812
1166.4888	10	E	18	1743.9276	872.4677
1328.6469	11	K	17	1614.8850	807.9464
1415.6789	12	S	16	1452.7269	726.8674
1486.7160	13	A	15	1365.6949	683.3514
1543.7375	14	G	14	1294.6578	647.8328
1642.8059	15	V	13	1237.6363	619.3221
1729.8379	16	S	12	1138.5679	569.7879
1828.9064	17	V	11	1051.5359	526.2718
1925.9591	18	P	10	952.4675	476.7376
1982.9806	19	G	9	855.4147	428.2113
2080.0333	20	P	8	798.3932	399.7005
2211.0738	21	M	7	701.3405	351.1741
2268.0953	22	G	6	570.3000	285.6539
2365.1481	23	P	5	513.2785	257.1432
2452.1801	24	S	4	416.2258	208.6168
2509.2015	25	G	3	329.1937	165.1008
2606.2543	26	P	2	272.1723	136.5900
	27	R	1	175.1195	88.0637

N-term:+35.07 K(11):+162.16

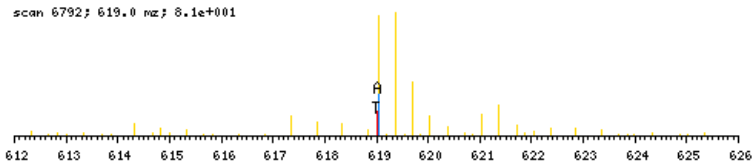
ASQTQGIQQLLQAEKR, MH+ 1855.0401, m/z 619.0182
 L OS G25 P150811 220811-s1.06793.06793.3.dta

scan 6793; 1.2e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6792; 619.0 m/z; 8.1e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 16		
187.1082	2	S 15	1755.9718	878.4898
315.1668	3	Q 14	1668.9397	834.9738
416.2145	4	T 13	1540.8812	770.9445
544.2731	5	Q 12	1439.8335	720.4206
601.2945	6	G 11	1311.7749	656.3914
714.3786	7	I 10	1254.7534	627.8806
842.4372	8	Q 9	1141.6694	571.3386
970.4958	9	Q 8	1013.6108	507.3093
1083.5798	10	L 7	885.5522	443.2800
1196.6639	11	L 6	772.4681	386.7380
1324.7225	12	Q 5	659.3841	330.1960
1395.7596	13	A 4	531.3255	266.1667
1524.8022	14	E 3	460.2884	230.6481
1680.9285	15	K 2	331.2458	166.1268
	16	R 1	175.1195	88.0637

N-term:+29.04 K(15):+156.13

ASSLSSASLVPR, MH+ 1202.6745, m/z 601.8409
 L OS G25 P150811 220811-s1.04485.04485.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

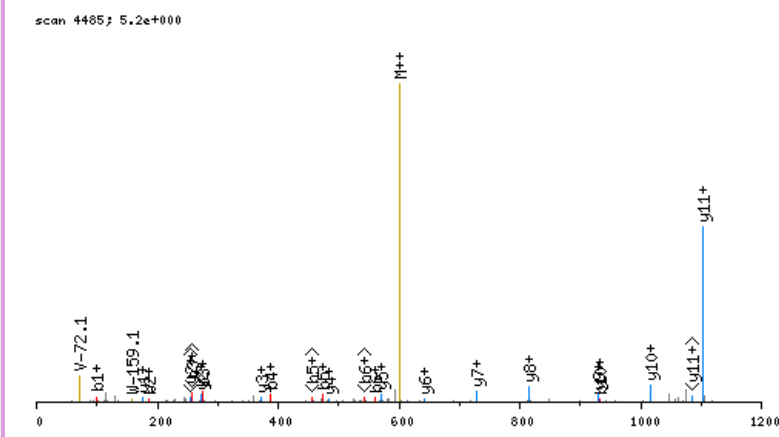
y + 2+ 3+

z + 2+ 3+

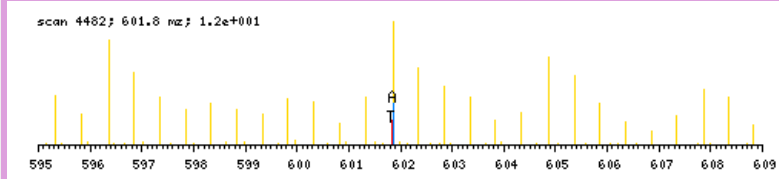
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 12		
187.1082	2	S 11	1103.6061	552.3069
274.1403	3	S 10	1016.5740	508.7909
387.2243	4	L 9	929.5420	465.2749
474.2564	5	S 8	816.4579	408.7329
561.2884	6	S 7	729.4259	365.2169
632.3255	7	A 6	642.3939	321.7009
719.3575	8	S 5	571.3568	286.1823
832.4416	9	L 4	484.3247	242.6663
931.5100	10	V 3	371.2407	186.1243
1028.5628	11	P 2	272.1723	136.5900
	12	R 1	175.1195	88.0637

N-term:+29.04

ASSTNLKDVLSNLPKEQAR, MH+ 2286.3882, m/z 572.3525
 H OS G27 P150811 220811-s1.07257.07257.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

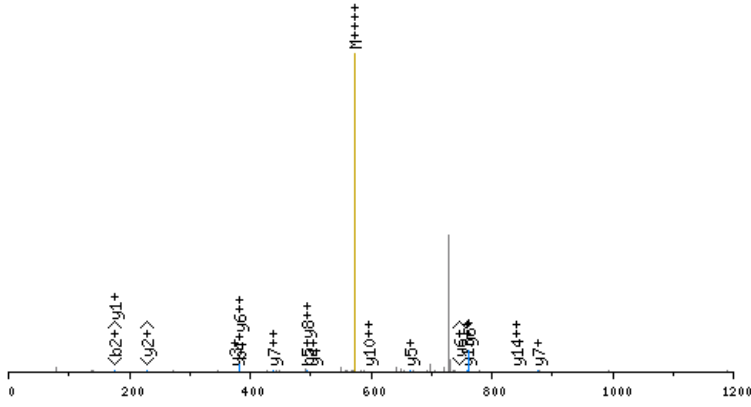
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

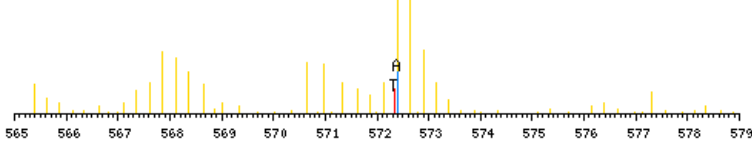
GO

scan 7257; 1.6e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 7255; 572.4 m/z; 9.8e+000



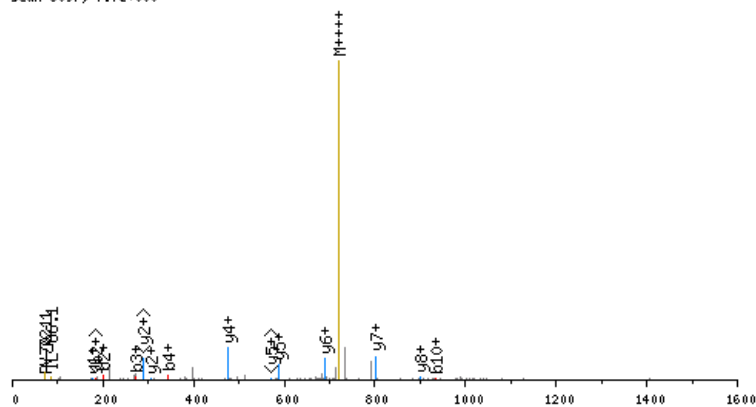
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
106.1080	1	A	20		
193.1400	2	S	19	2181.2880	1091.1479
280.1721	3	S	18	2094.2560	1047.6319
381.2197	4	T	17	2007.2239	1004.1159
495.2627	5	N	16	1906.1762	953.5920
608.3467	6	L	15	1792.1333	896.5706
770.5048	7	K	14	1679.0493	840.0285
885.5318	8	D	13	1516.8912	758.9495
984.6002	9	V	12	1401.8642	701.4360
1097.6843	10	L	11	1302.7958	651.9018
1184.7163	11	S	10	1189.7117	595.3598
1298.7592	12	N	9	1102.6797	551.8438
1411.8433	13	L	8	988.6368	494.8223
1524.9273	14	I	7	875.5527	438.2803
1621.9801	15	P	6	762.4686	381.7382
1784.1382	16	K	5	665.4159	333.2119
1913.1808	17	E	4	503.2578	252.1328
2041.2394	18	Q	3	374.2152	187.6115
2112.2765	19	A	2	246.1566	123.5822
	20	R	1	175.1195	88.0637

N-term: +35.07 K(7): +162.16
 K(16): +162.16

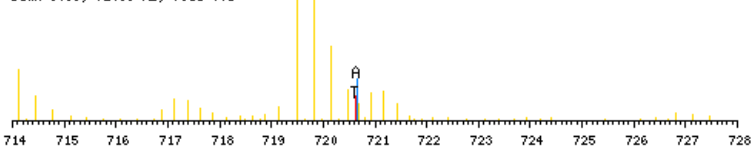
ATAASSSLEKSYELPDGQVITIGNER, MH+ 2879.4638, m/z 720.6214
 L OS G26 P150811 220811-s1.06097.06097.4.dta

scan 6097; 7.7e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6095; 720.6 m/z; 7.1e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
100.0762	1	A	27		
201.1239	2	T	26	2780.3954	1390.7016
272.1610	3	A	25	2679.3478	1340.1778
343.1981	4	A	24	2608.3107	1304.6592
430.2301	5	S	23	2537.2735	1269.1407
517.2622	6	S	22	2450.2415	1225.6247
604.2942	7	S	21	2363.2095	1182.1087
691.3262	8	S	20	2276.1775	1138.5926
804.4103	9	L	19	2189.1454	1095.0766
933.4529	10	E	18	2076.0614	1038.5346
1089.5792	11	K	17	1947.0188	974.0133
1176.6112	12	S	16	1790.8925	895.9501
1339.6745	13	Y	15	1703.8604	852.4341
1468.7171	14	E	14	1540.7971	770.9025
1581.8012	15	L	13	1411.7545	706.3812
1678.8540	16	P	12	1298.6705	649.8391
1793.8809	17	D	11	1201.6177	601.3128
1850.9024	18	G	10	1086.5907	543.7993
1978.9610	19	Q	9	1029.5693	515.2886
2078.0294	20	V	8	901.5107	451.2593
2191.1134	21	I	7	802.4423	401.7251
2292.1611	22	T	6	689.3582	345.1830
2405.2452	23	I	5	588.3105	294.6592
2462.2666	24	G	4	475.2265	238.1172
2576.3096	25	N	3	418.2050	209.6064
2705.3522	26	E	2	304.1621	152.5850
	27	R	1	175.1195	88.0637

N-term:+29.04 K(11):+156.13

AEMVEVGPEDDEVGAER, MH+ 1966.9128, m/z 656.3091
 H OS G24 P150811 220811-s1.03381.03381.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

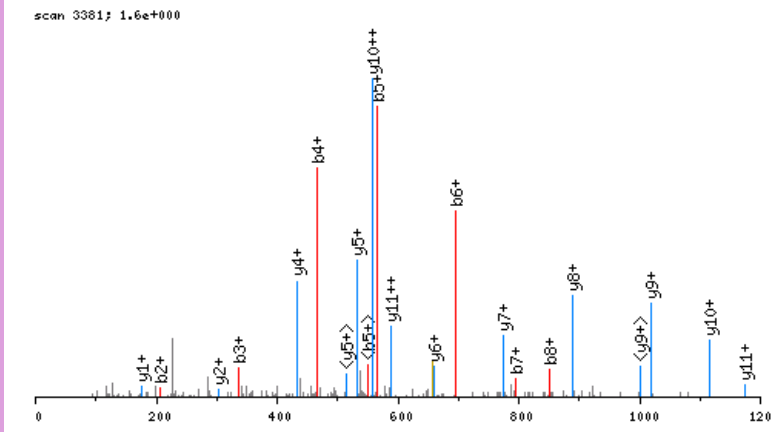
y + 2+ 3+

z + 2+ 3+

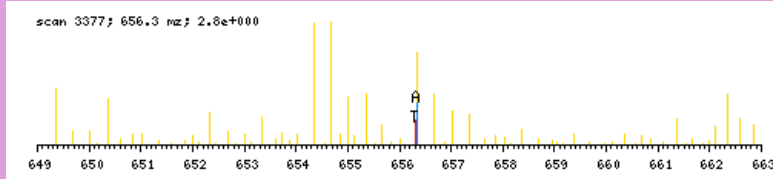
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 18		
207.1557	2	T 17	1861.8126	931.4102
336.1983	3	E 16	1760.7649	880.8864
467.2388	4	M 15	1631.7223	816.3651
566.3072	5	V 14	1500.6818	750.8448
695.3498	6	E 13	1401.6134	701.3106
794.4182	7	V 12	1272.5708	636.7893
851.4397	8	G 11	1173.5024	587.2551
948.4924	9	P 10	1116.4809	558.7444
1077.5350	10	E 9	1019.4282	510.2180
1192.5620	11	D 8	890.3856	445.6967
1307.5889	12	D 7	775.3586	388.1832
1436.6315	13	E 6	660.3317	330.6698
1535.6999	14	V 5	531.2891	266.1485
1592.7214	15	G 4	432.2207	216.6142
1663.7585	16	A 3	375.1992	188.1035
1792.8011	17	E 2	304.1621	152.5850
	18	R 1	175.1195	88.0637

N-term:+35.07

ATEPVISFYDKR, MH+ 1493.8640, m/z 498.6262
 H OS G27 P150811 220811-s1.05158.05158.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

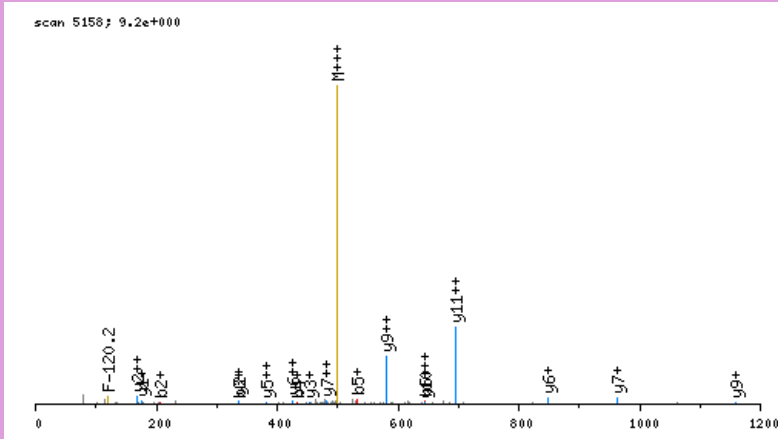
y + 2+ 3+

z + 2+ 3+

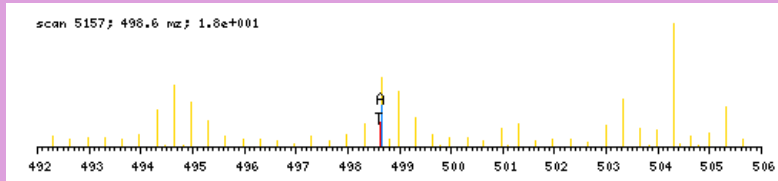
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 12		
207.1557	2	T 11	1388.7638	694.8858
336.1983	3	E 10	1287.7161	644.3620
433.2510	4	P 9	1158.6736	579.8407
532.3195	5	V 8	1061.6208	531.3143
645.4035	6	I 7	962.5524	481.7801
732.4356	7	S 6	849.4683	425.2381
879.5040	8	F 5	762.4363	381.7221
1042.5673	9	Y 4	615.3679	308.1878
1157.5942	10	D 3	452.3045	226.6562
1319.7523	11	K 2	337.2776	169.1427
	12	R 1	175.1195	88.0637

N-term:+35.07 K(11):+162.16

ATGSVFDISNLDR, MH+ 1422.7229, m/z 711.8651
 L OS G25 P150811 220811-s1.07154.07154.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

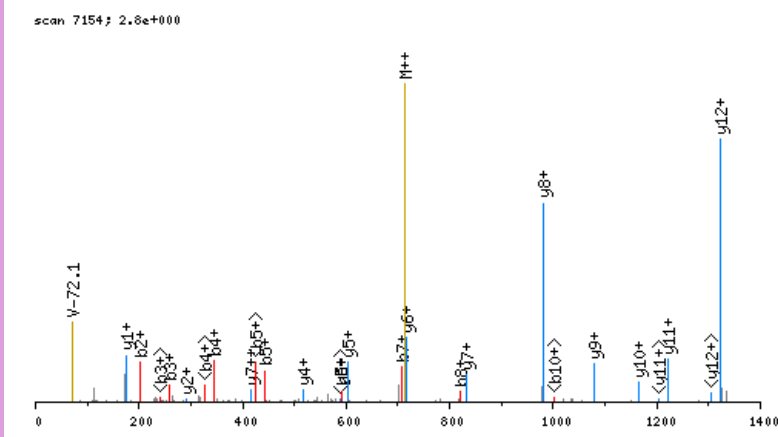
y + 2+ 3+

z + 2+ 3+

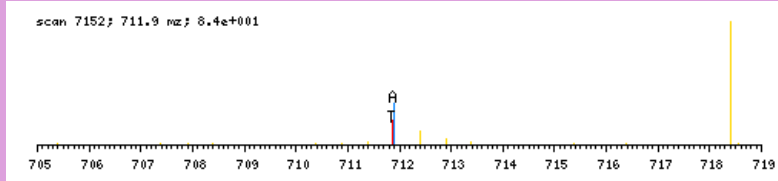
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



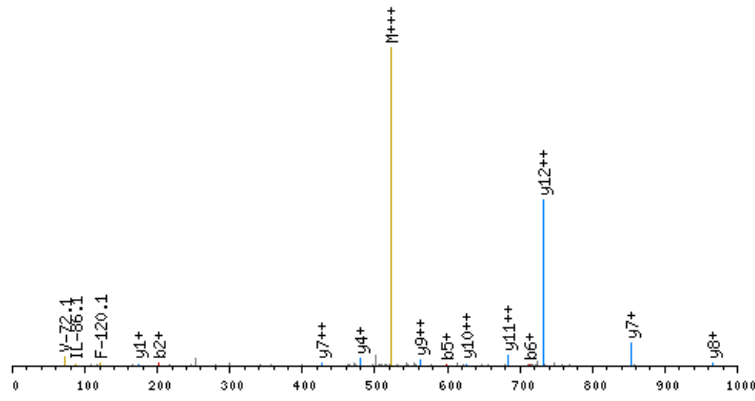
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 13		
201.1239	2	T 12	1323.6545	662.3311
258.1454	3	G 11	1222.6068	611.8073
345.1774	4	S 10	1165.5853	583.2966
444.2458	5	V 9	1078.5533	539.7806
591.3142	6	F 8	979.4849	490.2464
706.3412	7	D 7	832.4165	416.7121
819.4252	8	I 6	717.3895	359.1987
906.4572	9	S 5	604.3055	302.6566
1020.5002	10	N 4	517.2734	259.1406
1133.5842	11	L 3	403.2305	202.1192
1248.6112	12	D 2	290.1464	145.5771
	13	R 1	175.1195	88.0637

N-term:+29.04

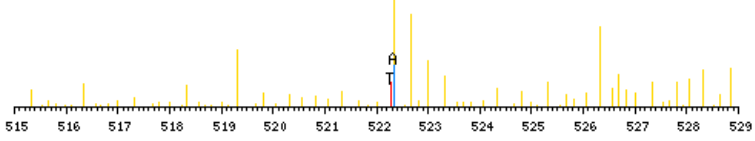
ATIEKIPFESAFR, MH+ 1564.8739, m/z 522.2962
L OS G26 P150811 220811-s1.05526.05526.3.dta

scan 5526; 9.5e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5525; 522.3 m/z; 5.8e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 13		
201.1239	2	T 12	1465.8055	733.4067
314.2080	3	I 11	1364.7578	682.8828
443.2505	4	E 10	1251.6738	626.3408
599.3768	5	K 9	1122.6312	561.8195
712.4609	6	I 8	966.5049	483.7564
809.5137	7	P 7	853.4208	427.2143
956.5821	8	F 6	756.3681	378.6879
1085.6247	9	E 5	609.2997	305.1537
1172.6567	10	S 4	480.2571	240.6324
1243.6938	11	A 3	393.2250	197.1164
1390.7622	12	F 2	322.1879	161.5979
	13	R 1	175.1195	88.0637

N-term:+29.04 K(5):+156.13

ATLDVYNPFENR, MH+ 1472.7597, m/z 491.5914
 H OS G25 P150811 220811-s1.07475.07475.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

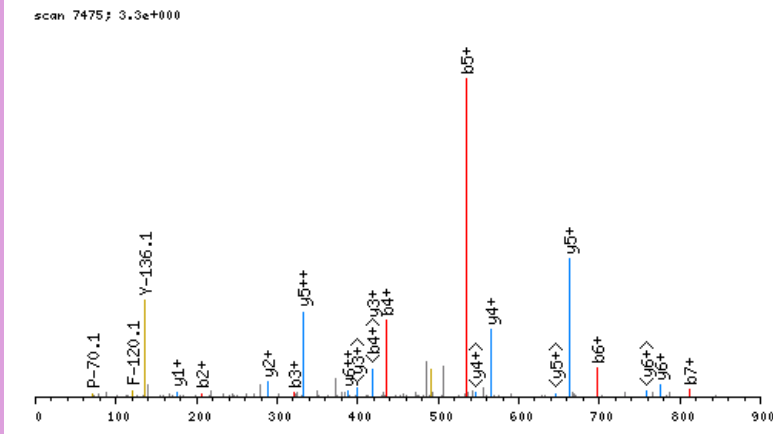
y + 2+ 3+

z + 2+ 3+

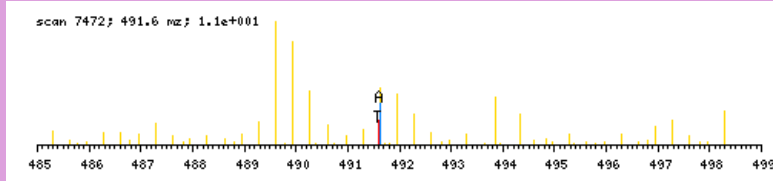
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



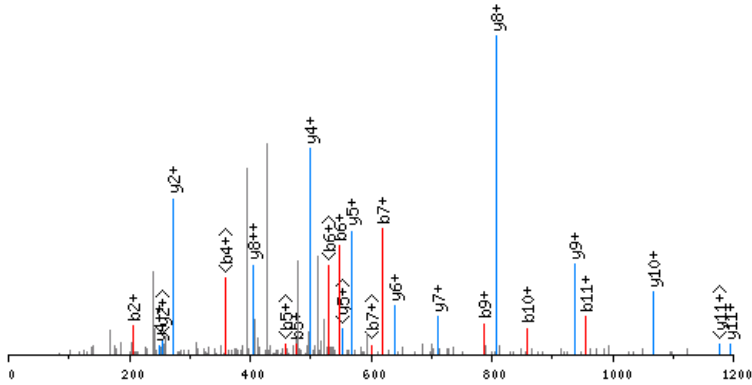
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 12		
207.1557	2	T 11	1367.6596	684.3337
320.2398	3	L 10	1266.6119	633.8099
435.2667	4	D 9	1153.5278	577.2678
534.3351	5	V 8	1038.5009	519.7543
697.3984	6	Y 7	939.4325	470.2201
811.4414	7	N 6	776.3691	388.6885
908.4941	8	P 5	662.3262	331.6670
1055.5625	9	F 4	565.2734	283.1406
1184.6051	10	E 3	418.2050	209.6064
1298.6481	11	N 2	289.1624	145.0851
	12	R 1	175.1195	88.0637

N-term:+35.07

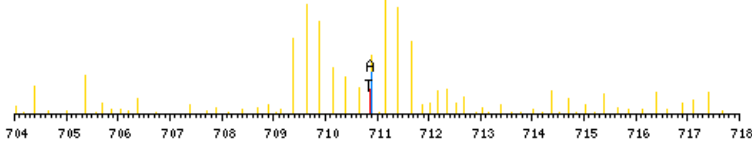
ATPATAAPAASAAATTTSAQEPPAAPEPR, MH+ 2840.4490, m/z 710.8677
 H OS G24 P150811 220811-s1.03440.03440.4.dta

scan 3440: 1.2e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 3437: 710.9 m/z; 2.2e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 30		
207.1557	2	T 29	2735.3488	1368.1783
304.2085	3	P 28	2634.3011	1317.6545
375.2456	4	A 27	2537.2483	1269.1281
476.2932	5	T 26	2466.2112	1233.6095
547.3304	6	A 25	2365.1636	1183.0857
618.3675	7	A 24	2294.1264	1147.5671
715.4202	8	P 23	2223.0893	1112.0486
786.4574	9	A 22	2126.0366	1063.5222
857.4945	10	A 21	2054.9995	1028.0036
956.5629	11	V 20	1983.9623	992.4851
1043.5949	12	S 19	1884.8939	942.9509
1114.6320	13	A 18	1797.8619	899.4349
1185.6691	14	A 17	1726.8248	863.9163
1286.7168	15	T 16	1655.7877	828.3977
1387.7645	16	T 15	1554.7400	777.8739
1488.8122	17	T 14	1453.6923	727.3501
1575.8442	18	S 13	1352.6446	676.8262
1646.8813	19	A 12	1265.6126	633.3102
1774.9399	20	Q 11	1194.5755	597.7917
1903.9825	21	E 10	1066.5169	533.7624
2033.0251	22	E 9	937.4743	469.2411
2130.0778	23	P 8	808.4317	404.7198
2201.1150	24	A 7	711.3790	356.1934
2272.1521	25	A 6	640.3418	320.6748
2343.1892	26	A 5	569.3047	285.1563
2440.2419	27	P 4	498.2676	249.6377
2569.2845	28	E 3	401.2149	201.1113
2666.3373	29	P 2	272.1723	136.5900
	30	R 1	175.1195	88.0637

N-term:+35.07

ATPESLEVPEVTEDVDR, MH+ 1919.9662, m/z 640.6602
 H OS G24 P150811 220811-s1.03990.03990.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

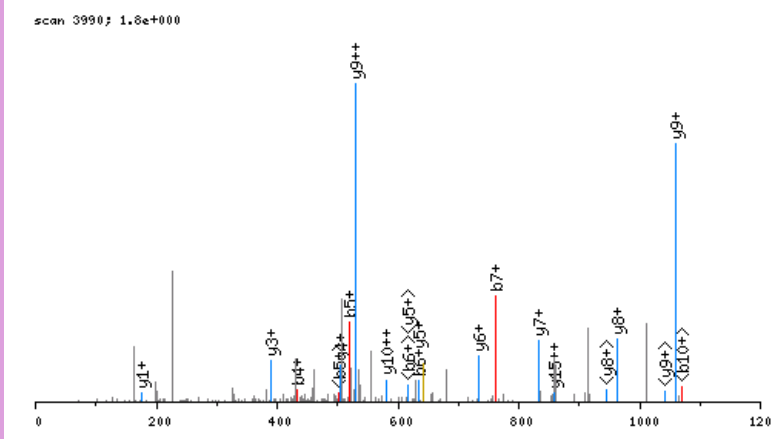
y + 2+ 3+

z + 2+ 3+

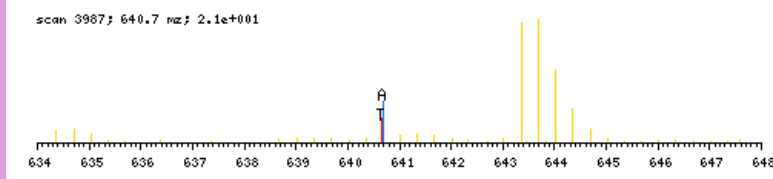
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 17		
207.1557	2	T 16	1814.8660	907.9369
304.2085	3	P 15	1713.8183	857.4131
433.2510	4	E 14	1616.7655	808.8867
520.2831	5	S 13	1487.7229	744.3654
633.3671	6	L 12	1400.6909	700.8494
762.4097	7	E 11	1287.6069	644.3073
861.4781	8	V 10	1158.5643	579.7860
958.5309	9	P 9	1059.4958	530.2518
1087.5735	10	E 8	962.4431	481.7255
1186.6419	11	V 7	833.4005	417.2042
1287.6896	12	T 6	734.3321	367.6699
1416.7322	13	E 5	633.2844	317.1461
1531.7591	14	D 4	504.2418	252.6248
1630.8275	15	V 3	389.2149	195.1113
1745.8545	16	D 2	290.1464	145.5771
	17	R 1	175.1195	88.0637

N-term:+35.07

ATPLPAEGKKNTLR, MH+ 1598.0490, m/z 400.2677
 H OS G28 P150811 220811-s1.02334.02334.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

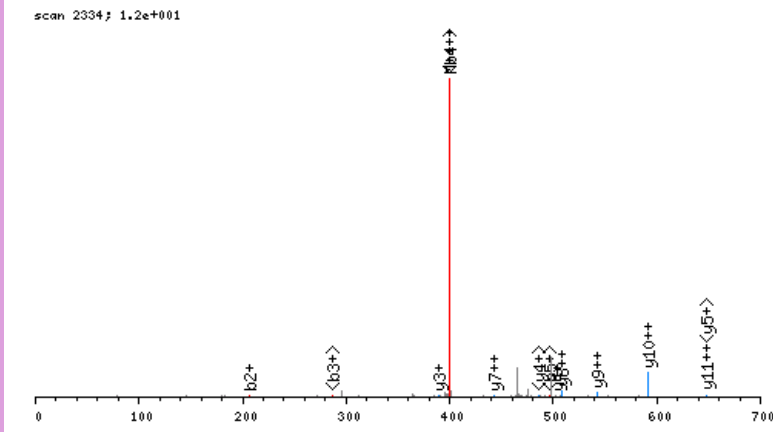
y + 2+ 3+

z + 2+ 3+

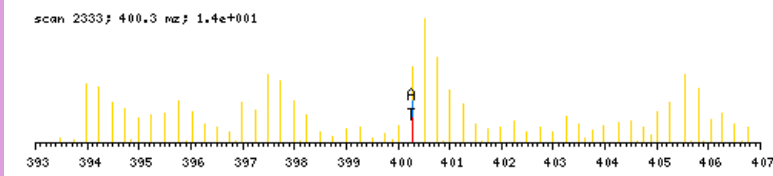
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 14		
207.1557	2	T 13	1492.9488	746.9783
304.2085	3	P 12	1391.9011	696.4545
417.2925	4	L 11	1294.8484	647.9281
514.3453	5	P 10	1181.7643	591.3861
585.3824	6	A 9	1084.7115	542.8597
714.4250	7	E 8	1013.6744	507.3411
771.4465	8	G 7	884.6318	442.8198
933.6046	9	K 6	827.6104	414.3091
1095.7627	10	K 5	665.4523	333.2300
1209.8056	11	N 4	503.2942	252.1510
1310.8533	12	T 3	389.2512	195.1295
1423.9373	13	L 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+35.07 K(9):+162.16
 K(10):+162.16

ATPPEDSDMASLQQQR, MH+ 1801.8390, m/z 601.2845
 L OS G24 P150811 220811-s1.03003.03003.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

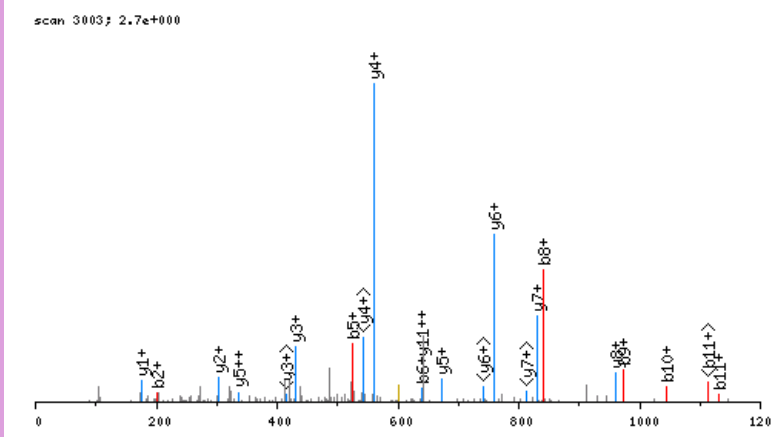
y + 2+ 3+

z + 2+ 3+

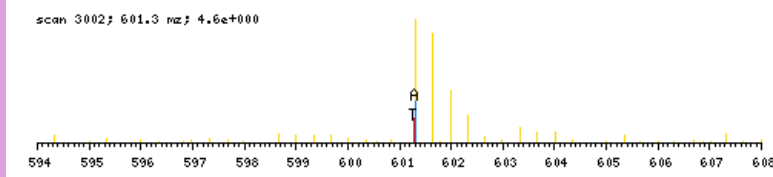
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 16		
201.1239	2	T 15	1702.7706	851.8892
298.1767	3	P 14	1601.7230	801.3654
395.2294	4	P 13	1504.6702	752.8390
524.2720	5	E 12	1407.6174	704.3126
639.2990	6	D 11	1278.5748	639.7913
726.3310	7	S 10	1163.5479	582.2779
841.3579	8	D 9	1076.5159	538.7618
972.3984	9	M 8	961.4889	481.2484
1043.4355	10	A 7	830.4484	415.7281
1130.4676	11	S 6	759.4113	380.2096
1243.5516	12	L 5	672.3793	336.6936
1371.6102	13	Q 4	559.2952	280.1515
1499.6688	14	Q 3	431.2367	216.1222
1627.7274	15	Q 2	303.1781	152.0930
	16	R 1	175.1195	88.0637

N-term:+29.04

ATVLEEMPPPPER, MH+ 1543.7830, m/z 515.2659
 L OS G25 P150811 220811-s1.07389.07389.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

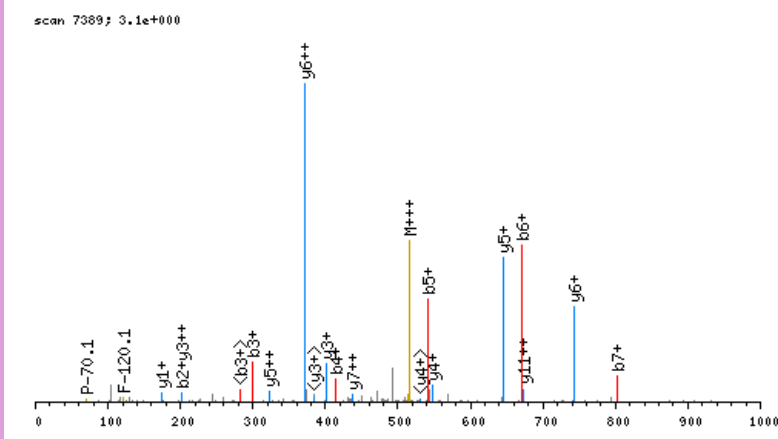
y + 2+ 3+

z + 2+ 3+

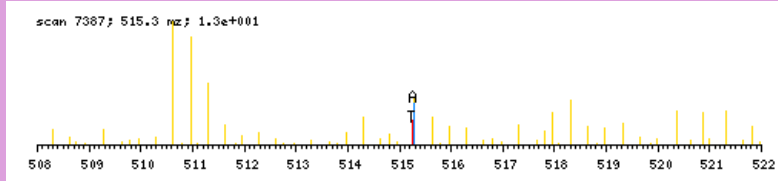
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 13		
201.1239	2	T 12	1444.7146	722.8612
300.1923	3	V 11	1343.6669	672.3374
413.2764	4	L 10	1244.5985	622.8032
542.3190	5	E 9	1131.5145	566.2611
671.3616	6	E 8	1002.4719	501.7399
802.4020	7	M 7	873.4293	437.2186
899.4548	8	P 6	742.3888	371.6983
996.5076	9	P 5	645.3360	323.1719
1143.5760	10	F 4	548.2833	274.6455
1240.6287	11	P 3	401.2149	201.1113
1369.6713	12	E 2	304.1621	152.5850
	13	R 1	175.1195	88.0637

N-term:+29.04

AVAASGPGSSFR, MH+ 1134.5907, m/z 567.7990
 L OS G25 P150811 220811-s1.02664.02664.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

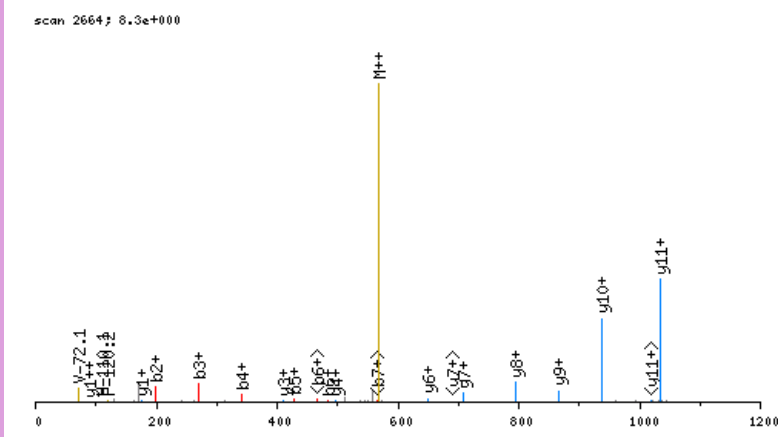
y + 2+ 3+

z + 2+ 3+

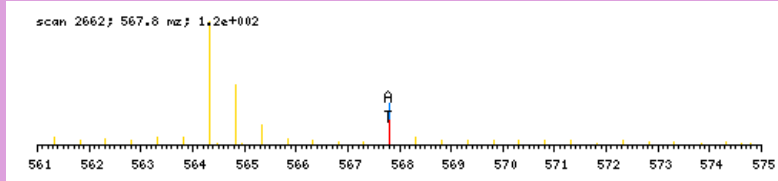
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
100.0762	1	A	12		
199.1446	2	V	11	1035.5223	518.2651
270.1817	3	A	10	936.4539	468.7309
341.2189	4	A	9	865.4168	433.2123
428.2509	5	S	8	794.3797	397.6938
485.2723	6	G	7	707.3477	354.1777
582.3251	7	P	6	650.3262	325.6670
639.3466	8	G	5	553.2734	277.1406
726.3786	9	S	4	496.2520	248.6299
813.4106	10	S	3	409.2199	205.1139
960.4790	11	F	2	322.1879	161.5979
	12	R	1	175.1195	88.0637

N-term:+29.04

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

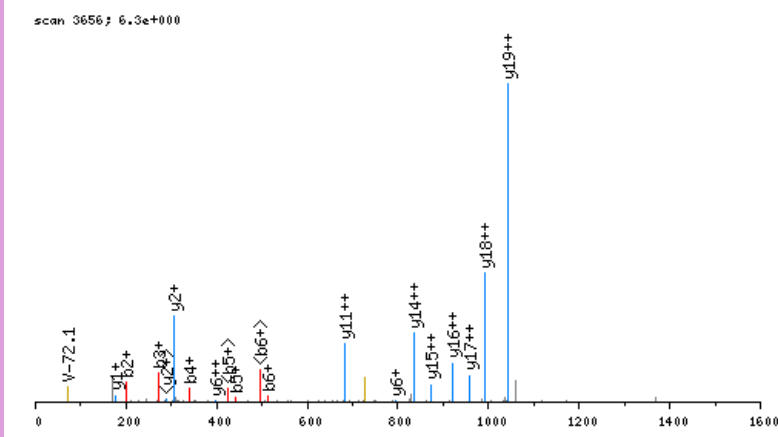
y + 2+ 3+

z + 2+ 3+

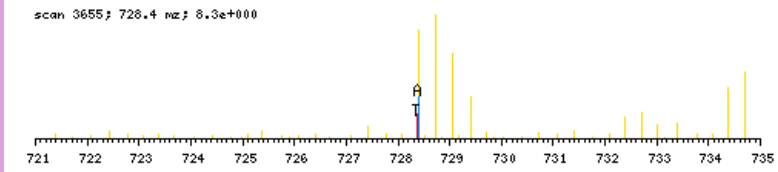
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
100.0762	1	A	20		
199.1446	2	V	19	2084.0049	1042.5063
270.1817	3	A	18	1984.9365	992.9721
341.2189	4	A	17	1913.8993	957.4536
442.2665	5	T	16	1842.8622	921.9350
513.3036	6	A	15	1741.8146	871.4112
610.3564	7	P	14	1670.7774	835.8926
707.4092	8	P	13	1573.7247	787.3662
822.4361	9	D	12	1476.6719	738.8399
893.4732	10	A	11	1361.6450	681.3264
990.5260	11	P	10	1290.6079	645.8078
1104.5689	12	N	9	1193.5551	597.2815
1260.6700	13	R	8	1079.5122	540.2600
1389.7126	14	E	7	923.4111	462.2094
1518.7552	15	E	6	794.3685	397.6881
1617.8236	16	V	5	665.3259	333.1668
1764.8920	17	F	4	566.2575	283.6326
1879.9190	18	D	3	419.1890	210.0984
2008.9616	19	E	2	304.1621	152.5850
	20	R	1	175.1195	88.0637

N-term:+29.04

AVASAAAGQQVPGFPTAPTR, MH+ 1925.0245, m/z 642.3463
 L OS G24 P150811 220811-s1.03590.03590.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

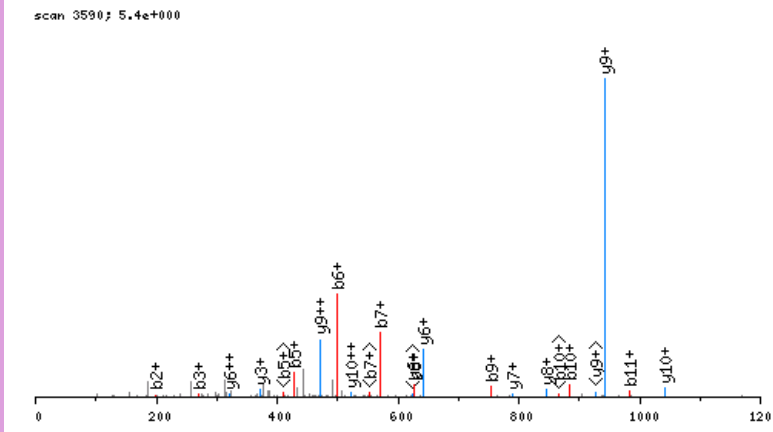
y + 2+ 3+

z + 2+ 3+

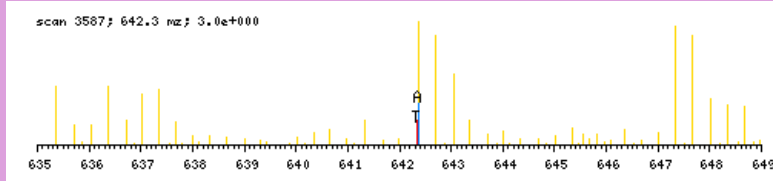
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



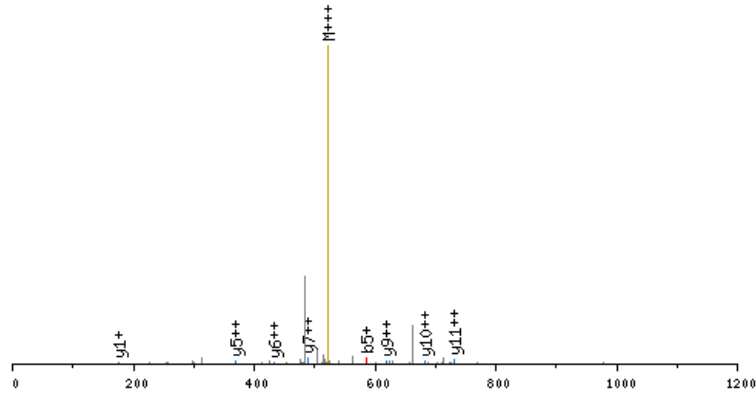
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 20		
199.1446	2	V 19	1825.9561	913.4819
270.1817	3	A 18	1726.8877	863.9477
357.2138	4	S 17	1655.8505	828.4292
428.2509	5	A 16	1568.8185	784.9132
499.2880	6	A 15	1497.7814	749.3946
570.3251	7	A 14	1426.7443	713.8761
627.3466	8	G 13	1355.7072	678.3575
755.4052	9	Q 12	1298.6857	649.8468
883.4637	10	Q 11	1170.6271	585.8175
982.5321	11	V 10	1042.5686	521.7882
1079.5849	12	P 9	943.5001	472.2540
1136.6064	13	G 8	846.4474	423.7276
1283.6748	14	F 7	789.4259	395.2169
1380.7275	15	P 6	642.3575	321.6827
1481.7752	16	T 5	545.3047	273.1563
1552.8123	17	A 4	444.2571	222.6324
1649.8651	18	P 3	373.2199	187.1139
1750.9128	19	T 2	276.1672	138.5875
	20	R 1	175.1195	88.0637

N-term:+29.04

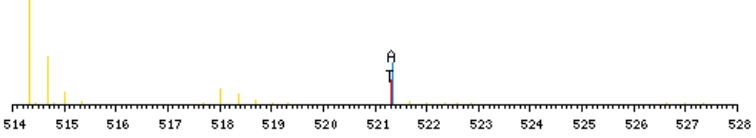
AVEEQIEYLQKK, MH+ 1561.8842, m/z 521.2996
 L OS G27 P150811 220811-s1.06769.06769.3.dta

scan 6769; 1.1e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6767; 521.3 mz; 4.0e+002



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
100.0762	1	A	12		
199.1446	2	V	11	1462.8158	731.9118
328.1872	3	E	10	1363.7474	682.3776
457.2298	4	E	9	1234.7048	617.8563
585.2884	5	Q	8	1105.6622	553.3350
698.3725	6	I	7	977.6036	489.3057
827.4150	7	E	6	864.5196	432.7637
990.4784	8	Y	5	735.4770	368.2424
1103.5624	9	L	4	572.4136	286.7107
1231.6210	10	Q	3	459.3296	230.1687
1387.7473	11	K	2	331.2710	166.1394
	12	K	1	175.1447	88.0763

N-term:+29.04 K(11):+156.13
 K(12):+156.13

AVEEQYSCEYGSGR, MH+ 1668.7387, m/z 556.9178
 H OS G25 P150811 220811-s1.02939.02939.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

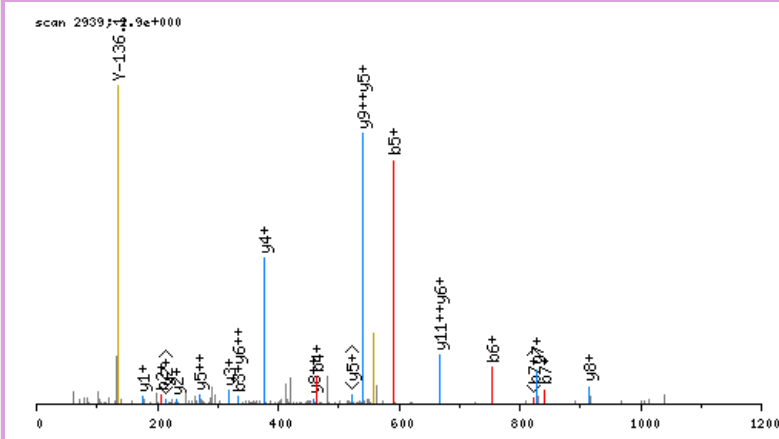
y + 2+ 3+

z + 2+ 3+

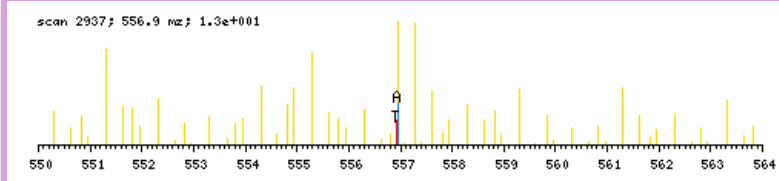
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 14		
205.1764	2	V 13	1563.6385	782.3232
334.2190	3	E 12	1464.5701	732.7890
463.2616	4	E 11	1335.5275	668.2677
591.3202	5	Q 10	1206.4849	603.7464
754.3835	6	Y 9	1078.4263	539.7171
841.4155	7	S 8	915.3630	458.1854
1001.4461	8	C 7	828.3310	414.6694
1130.4887	9	E 6	668.3004	334.6541
1293.5521	10	Y 5	539.2578	270.1328
1350.5735	11	G 4	376.1945	188.6011
1437.6056	12	S 3	319.1730	160.0904
1494.6270	13	G 2	232.1410	116.5744
	14	R 1	175.1195	88.0637

N-term:+35.07 C(8):+160.03

AVGKVIPELNGKLTGMAFR, MH+ 2085.2259, m/z 522.0619
 L OS G27 P150811 220811-s1.06643.06643.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

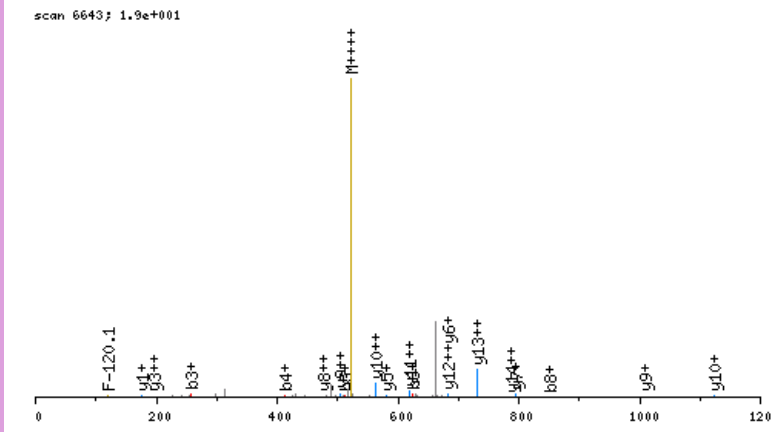
y + 2+ 3+

z + 2+ 3+

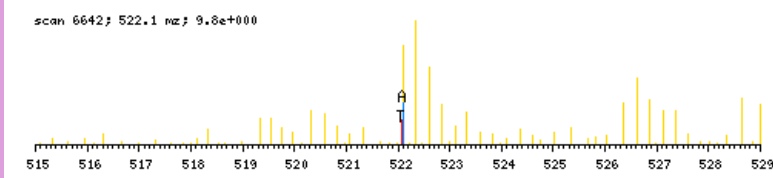
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
100.0762	1	A	19		
199.1446	2	V	18	1986.1575	993.5827
256.1661	3	G	17	1887.0891	944.0484
412.2924	4	K	16	1830.0676	915.5377
511.3608	5	V	15	1673.9413	837.4746
624.4449	6	I	14	1574.8729	787.9404
721.4976	7	P	13	1461.7888	731.3983
850.5402	8	E	12	1364.7361	682.8719
963.6243	9	L	11	1235.6935	618.3506
1077.6672	10	N	10	1122.6094	561.8086
1134.6887	11	G	9	1008.5665	504.7872
1290.8150	12	K	8	951.5450	476.2764
1403.8990	13	L	7	795.4187	398.2133
1504.9467	14	T	6	682.3347	341.6712
1561.9682	15	G	5	581.2870	291.1474
1693.0087	16	M	4	524.2655	262.6367
1764.0458	17	A	3	393.2250	197.1164
1911.1142	18	F	2	322.1879	161.5979
	19	R	1	175.1195	88.0637

N-term: +29.04 K(4): +156.13
 K(12): +156.13

AVLDLPDLPEDELAR, MH+ 1693.9012, m/z 565.3053
 L OS G24 P150811 220811-s1.04844.04844.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

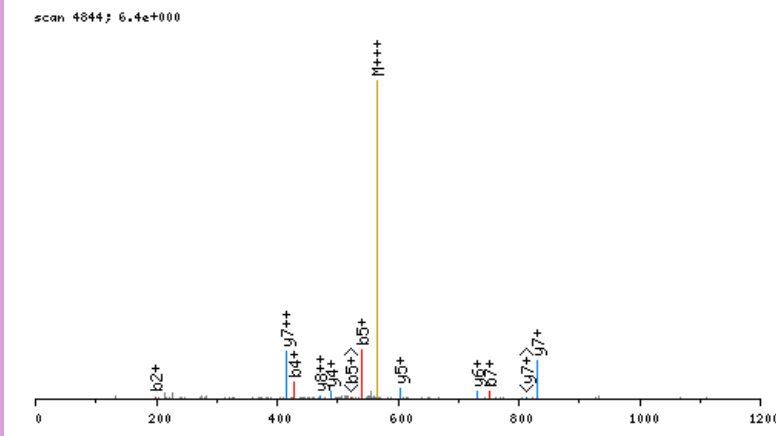
y + 2+ 3+

z + 2+ 3+

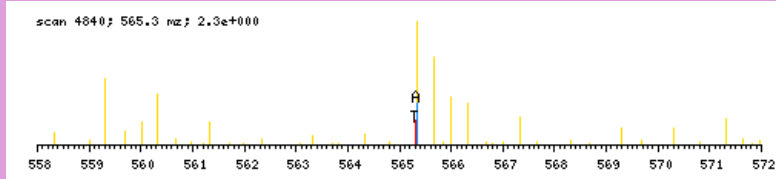
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



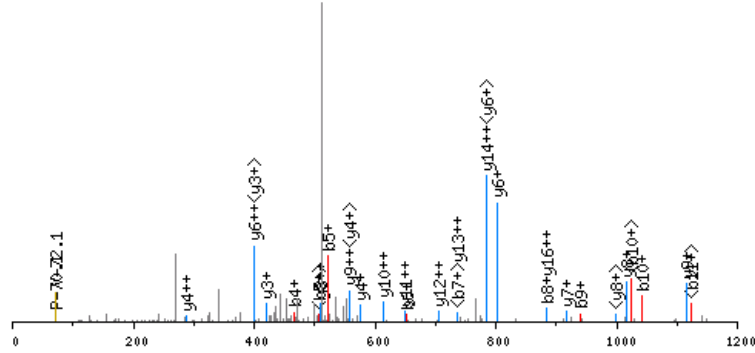
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 15		
199.1446	2	V 14	1594.8328	797.9203
312.2287	3	L 13	1495.7644	748.3861
427.2556	4	D 12	1382.6803	691.8441
540.3397	5	L 11	1267.6534	634.3306
637.3925	6	P 10	1154.5693	577.7886
752.4194	7	D 9	1057.5166	529.2622
865.5035	8	L 8	942.4896	471.7487
962.5562	9	P 7	829.4056	415.2067
1091.5988	10	E 6	732.3528	366.6803
1206.6258	11	D 5	603.3102	302.1590
1335.6684	12	E 4	488.2833	244.6455
1448.7524	13	L 3	359.2407	180.1243
1519.7895	14	A 2	246.1566	123.5822
	15	R 1	175.1195	88.0637

N-term:+29.04

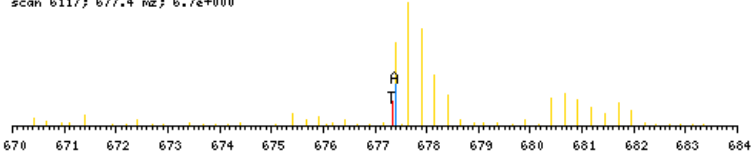
AVMHGETEGTVPGNALVVDPEKPF, MH+ 2706.3925, m/z 677.3536
 L OS G27 P150811 220811-s1.06119.06119.4.dta

scan 6119; 2.6e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 6117; 677.4 mz; 6.7e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

0 - 0

MassTol: Y-zoom:

0. 1.

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

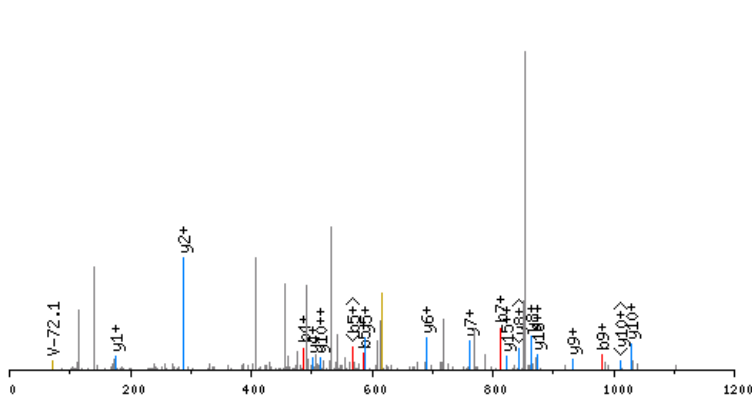
GO

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 25		
199.1446	2	V 24	2607.3241	1304.1660
330.1851	3	M 23	2508.2557	1254.6318
467.2440	4	H 22	2377.2152	1189.1115
524.2655	5	G 21	2240.1563	1120.5821
653.3081	6	E 20	2183.1349	1092.0713
754.3558	7	T 19	2054.0923	1027.5500
883.3984	8	E 18	1953.0446	977.0262
940.4198	9	G 17	1824.0020	912.5049
1041.4675	10	T 16	1766.9805	883.9942
1140.5359	11	V 15	1665.9329	833.4703
1237.5887	12	P 14	1566.8644	783.9361
1294.6101	13	G 13	1469.8117	735.4098
1408.6531	14	N 12	1412.7902	706.8990
1479.6902	15	A 11	1298.7473	649.8776
1592.7742	16	L 10	1227.7102	614.3590
1691.8427	17	V 9	1114.6261	557.8170
1790.9111	18	V 8	1015.5577	508.2828
1905.9380	19	D 7	916.4893	458.7486
2002.9908	20	P 6	801.4623	401.2351
2132.0334	21	E 5	704.4096	352.7087
2288.1597	22	K 4	575.3670	288.1874
2385.2124	23	P 3	419.2407	210.1243
2532.2808	24	F 2	322.1879	161.5979
	25	R 1	175.1195	88.0637

N-term:+29.04 K(22):+156.13

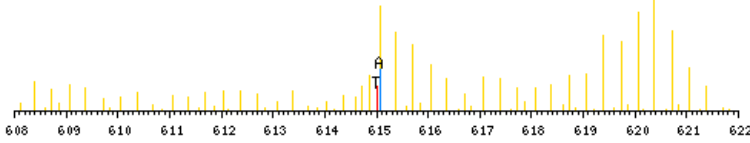
AVMKVIDPATATSVDLR, MH+ 1843.0363, m/z 615.0170
 L OS G26 P150811 220811-s1.05136.05136.3.dta

scan 5136; 1.8e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5135; 615.0 m/z; 1.7e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 17		
199.1446	2	V 16	1743.9679	872.4879
330.1851	3	M 15	1644.8995	822.9537
486.3114	4	K 14	1513.8590	757.4334
585.3798	5	V 13	1357.7327	679.3703
698.4639	6	I 12	1258.6643	629.8361
813.4908	7	D 11	1145.5802	573.2940
910.5436	8	P 10	1030.5533	515.7806
981.5807	9	A 9	933.5005	467.2542
1082.6284	10	T 8	862.4634	431.7356
1153.6655	11	A 7	761.4157	381.2118
1254.7132	12	T 6	690.3786	345.6932
1341.7452	13	S 5	589.3310	295.1694
1440.8136	14	V 4	502.2989	251.6534
1555.8406	15	D 3	403.2305	202.1192
1668.9246	16	L 2	288.2036	144.6057
	17	R 1	175.1195	88.0637

N-term:+29.04 K(4):+156.13

AVPIAQKSEPOLLSNEALMR, MH+ 2237.2600, m/z 560.0705
 H OS G26 P150811 220811-s1.04252.04252.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

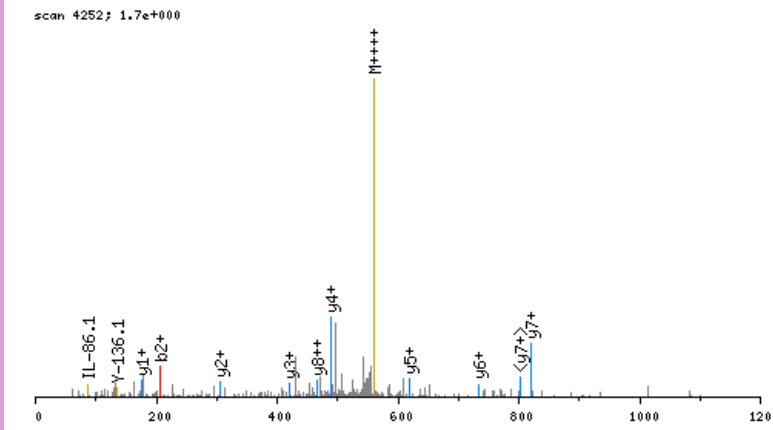
y + 2+ 3+

z + 2+ 3+

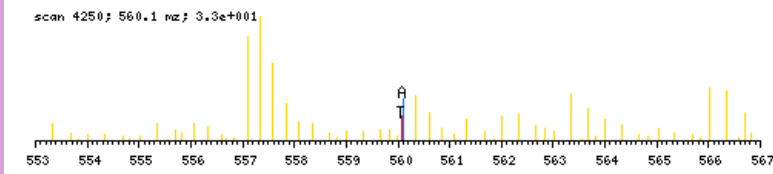
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
106.1080	1	A	20		
205.1764	2	V	19	2132.1598	1066.5838
302.2292	3	P	18	2033.0914	1017.0496
415.3133	4	I	17	1936.0386	968.5232
486.3504	5	A	16	1822.9546	911.9812
614.4089	6	Q	15	1751.9174	876.4626
776.5670	7	K	14	1623.8589	812.4333
863.5991	8	S	13	1461.7008	731.3543
992.6417	9	E	12	1374.6687	687.8383
1089.6944	10	P	11	1245.6261	623.3170
1217.7530	11	Q	10	1148.5734	574.7906
1304.7850	12	S	9	1020.5148	510.7613
1417.8691	13	L	8	933.4828	467.2453
1504.9011	14	S	7	820.3987	410.7033
1618.9441	15	N	6	733.3667	367.1873
1747.9867	16	E	5	619.3238	310.1658
1819.0238	17	A	4	490.2812	245.6445
1932.1078	18	L	3	419.2440	210.1259
2063.1483	19	M	2	306.1600	153.5839
	20	R	1	175.1195	88.0637

N-term:+35.07 K(7):+162.16

AVQEEWLDIPSKLDNR, MH+ 1969.0395, m/z 657.0180
 L OS G26 P150811 220811-s1.06213.06213.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

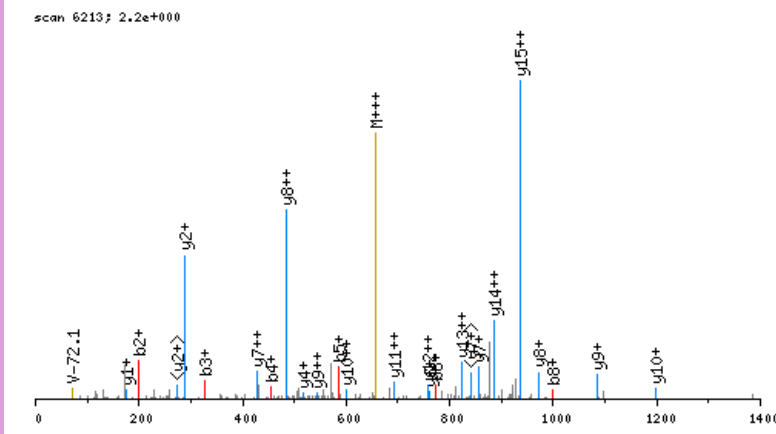
y + 2+ 3+

z + 2+ 3+

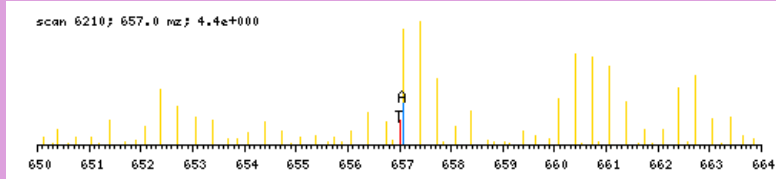
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 16		
199.1446	2	V 15	1869.9711	935.4895
327.2032	3	Q 14	1770.9027	885.9553
456.2458	4	E 13	1642.8441	821.9260
585.2884	5	E 12	1513.8015	757.4047
771.3677	6	W 11	1384.7589	692.8834
884.4518	7	L 10	1198.6796	599.8437
999.4787	8	D 9	1085.5955	543.3017
1112.5628	9	I 8	970.5686	485.7882
1209.6155	10	P 7	857.4845	429.2462
1296.6476	11	S 6	760.4318	380.7198
1452.7739	12	K 5	673.3997	337.2038
1565.8579	13	L 4	517.2734	259.1406
1680.8849	14	D 3	404.1894	202.5986
1794.9278	15	N 2	289.1624	145.0851
	16	R 1	175.1195	88.0637

N-term:+29.04 K(12):+156.13

AVRPLQLLGTCAEELCR, MH+ 1891.0469, m/z 631.0205
 H OS G27 P150811 220811-s1.06581.06581.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

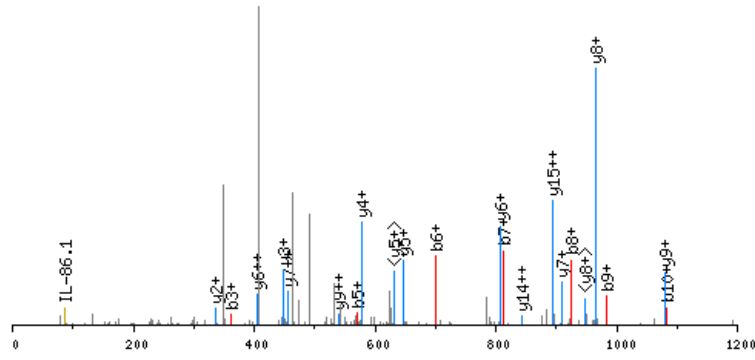
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

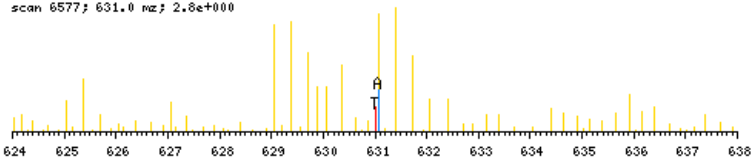
GO

scan 6581; 1.8e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6577; 631.0 mz; 2.8e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 16		
205.1764	2	V 15	1785.9467	893.4772
361.2775	3	R 14	1686.8783	843.9430
458.3303	4	P 13	1530.7771	765.8925
571.4144	5	L 12	1433.7244	717.3661
699.4729	6	Q 11	1320.6403	660.8241
812.5570	7	L 10	1192.5817	596.7948
925.6411	8	L 9	1079.4977	540.2528
982.6625	9	G 8	966.4136	483.7107
1083.7102	10	T 7	909.3922	455.2000
1243.7408	11	C 6	808.3445	404.6761
1314.7779	12	A 5	648.3139	324.6608
1443.8205	13	E 4	577.2768	289.1423
1556.9046	14	L 3	448.2342	224.6210
1716.9352	15	C 2	335.1501	168.0790
	16	R 1	175.1195	88.0637

N-term:+35.07 C(11):+160.03
 C(15):+160.03

AVSEQGVCTLEIR, MH+ 1489.7684, m/z 497.2610
 L OS G25 P150811 220811-s1.05066.05066.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

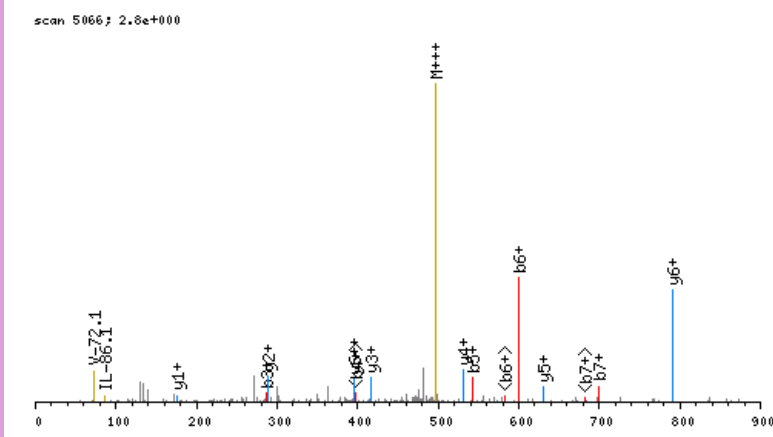
y + 2+ 3+

z + 2+ 3+

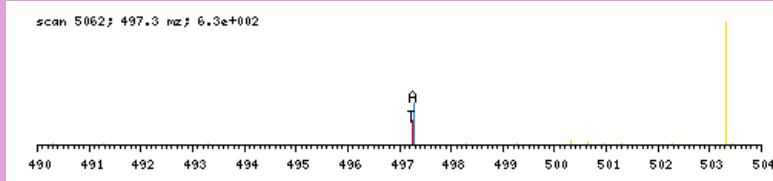
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



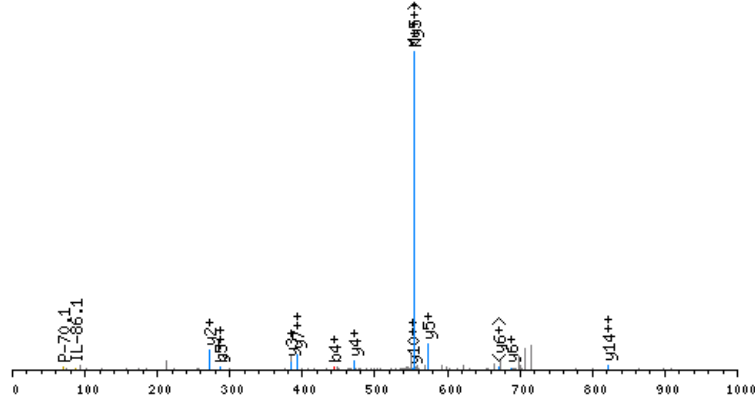
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 13		
199.1446	2	V 12	1390.7000	695.8539
286.1767	3	S 11	1291.6316	646.3197
415.2192	4	E 10	1204.5995	602.8037
543.2778	5	Q 9	1075.5570	538.2824
600.2993	6	G 8	947.4984	474.2531
699.3677	7	V 7	890.4769	445.7424
859.3983	8	C 6	791.4085	396.2082
960.4460	9	T 5	631.3779	316.1929
1073.5300	10	L 4	530.3302	265.6690
1202.5726	11	E 3	417.2462	209.1270
1315.6567	12	I 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+29.04 C(8):+160.03

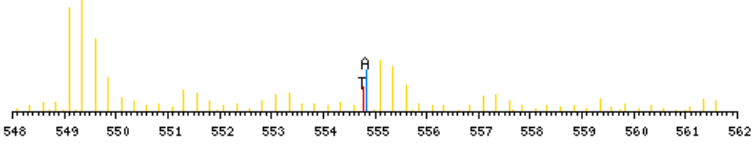
AVSKEKEEETSPTSIPR, MH+ 2216.1298, m/z 554.7879
 L OS G28 P150811 220811-s1.02801.02801.4.dta

scan 2801; 8.6e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 2798; 554.8 m/z; 3.0e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
100.0762	1	A	19		
199.1446	2	V	18	2117.0615	1059.0346
286.1767	3	S	17	2017.9930	1009.5004
442.3030	4	K	16	1930.9610	965.9844
571.3455	5	E	15	1774.8347	887.9213
727.4718	6	K	14	1645.7921	823.4000
856.5144	7	E	13	1489.6658	745.3368
985.5570	8	E	12	1360.6232	680.8155
1114.5996	9	E	11	1231.5806	616.2942
1243.6422	10	E	10	1102.5380	551.7729
1344.6899	11	T	9	973.4954	487.2516
1431.7219	12	S	8	872.4478	436.7278
1528.7747	13	P	7	785.4157	393.2118
1643.8016	14	D	6	688.3630	344.6854
1744.8493	15	T	5	573.3360	287.1719
1831.8813	16	S	4	472.2884	236.6481
1944.9654	17	I	3	385.2563	193.1321
2042.0182	18	P	2	272.1723	136.5900
	19	R	1	175.1195	88.0637

N-term: +29.04 K(4): +156.13
 K(6): +156.13

AVSSLASTGLSLTKVDER, MH+ 1902.1184, m/z 634.7110
 H OS G26 P150811 220811-s1.05196.05196.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

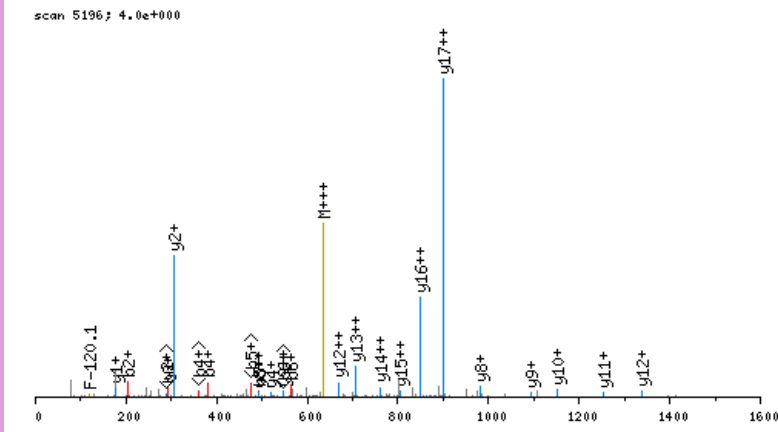
y + 2+ 3+

z + 2+ 3+

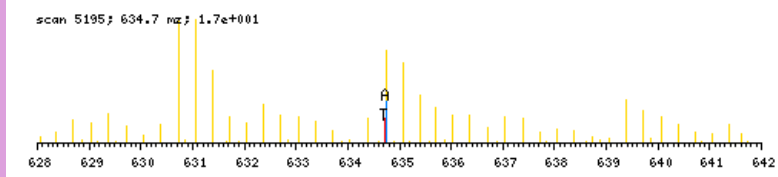
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 18		
205.1764	2	V 17	1797.0182	899.0130
292.2085	3	S 16	1697.9498	849.4788
379.2405	4	S 15	1610.9178	805.9628
492.3245	5	L 14	1523.8857	762.4468
563.3617	6	A 13	1410.8017	705.9047
650.3937	7	S 12	1339.7646	670.3862
751.4414	8	T 11	1252.7325	626.8702
808.4628	9	G 10	1151.6848	576.3463
921.5469	10	L 9	1094.6634	547.8356
1008.5789	11	S 8	981.5793	491.2936
1121.6630	12	L 7	894.5473	447.7776
1222.7107	13	T 6	781.4632	391.2355
1384.8688	14	K 5	680.4156	340.7117
1483.9372	15	V 4	518.2575	259.6326
1598.9641	16	D 3	419.1890	210.0984
1728.0067	17	E 2	304.1621	152.5850
	18	R 1	175.1195	88.0637

N-term:+35.07 K(14):+162.16

AVSSLATAKGGPSEVR, MH+ 1585.8914, m/z 529.3020
 L OS G26 P150811 220811-s1.02516.02516.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

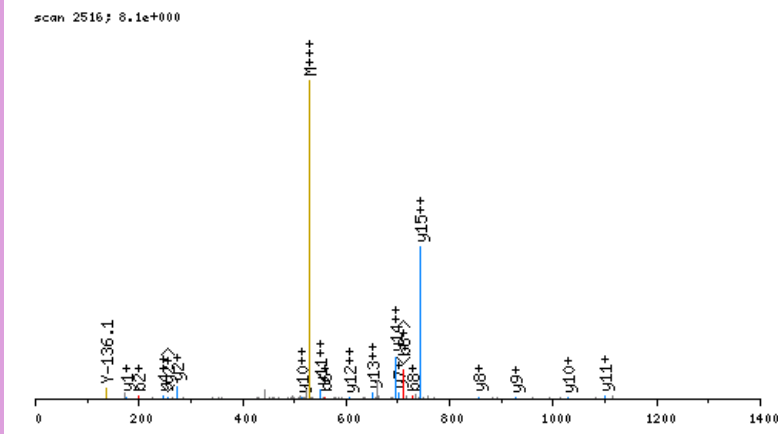
y + 2+ 3+

z + 2+ 3+

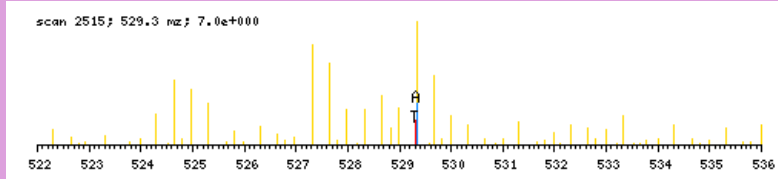
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 16		
199.1446	2	V 15	1486.8230	743.9154
286.1767	3	S 14	1387.7546	694.3812
373.2087	4	S 13	1300.7225	650.8652
486.2927	5	L 12	1213.6905	607.3492
557.3299	6	A 11	1100.6064	550.8071
658.3775	7	T 10	1029.5693	515.2886
729.4147	8	A 9	928.5216	464.7647
885.5410	9	K 8	857.4845	429.2462
942.5624	10	G 7	701.3582	351.1830
999.5839	11	G 6	644.3368	322.6723
1096.6366	12	P 5	587.3153	294.1616
1183.6687	13	S 4	490.2625	245.6352
1312.7113	14	E 3	403.2305	202.1192
1411.7797	15	V 2	274.1879	137.5979
	16	R 1	175.1195	88.0637

N-term:+29.04 K(9):+156.13

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

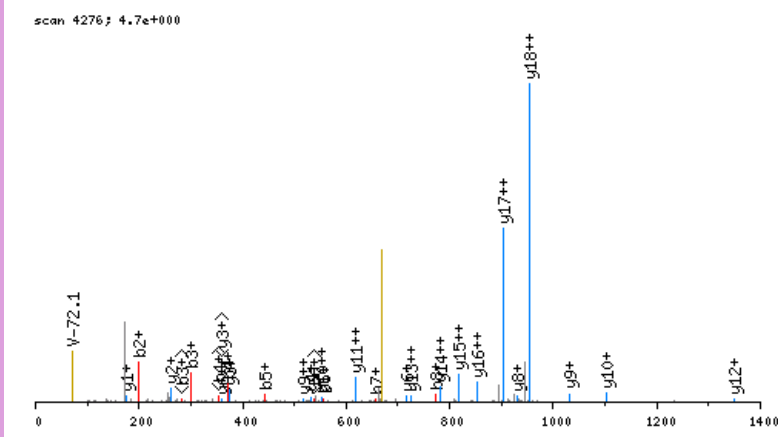
y + 2+ 3+

z + 2+ 3+

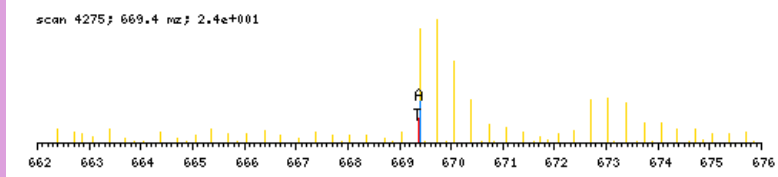
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
100.0762	1	A	19		
199.1446	2	V	18	1906.9908	953.9993
300.1923	3	T	17	1807.9224	904.4651
371.2294	4	A	16	1706.8747	853.9413
442.2665	5	A	15	1635.8376	818.4227
556.3095	6	N	14	1564.8005	782.9042
657.3571	7	T	13	1450.7576	725.8827
772.3841	8	D	12	1349.7099	675.3589
903.4246	9	M	11	1234.6830	617.8454
974.4617	10	A	10	1103.6425	552.3252
1075.5094	11	T	9	1032.6054	516.8066
1162.5414	12	S	8	931.5577	466.2828
1291.5840	13	E	7	844.5257	422.7667
1362.6211	14	A	6	715.4831	358.2454
1475.7052	15	L	5	644.4460	322.7269
1631.8315	16	K	4	531.3619	266.1849
1744.9155	17	I	3	375.2356	188.1217
1831.9476	18	S	2	262.1515	131.5797
	19	R	1	175.1195	88.0637

N-term:+29.04 K(16):+156.13

AVVTCGSVVKLLNTR, MH+ 1672.9784, m/z 558.3310
 L OS G26 P150811 220811-s1.05252.05252.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

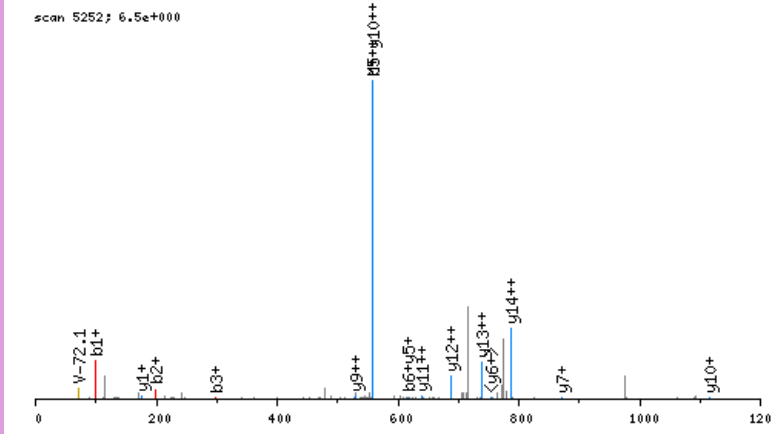
y + 2+ 3+

z + 2+ 3+

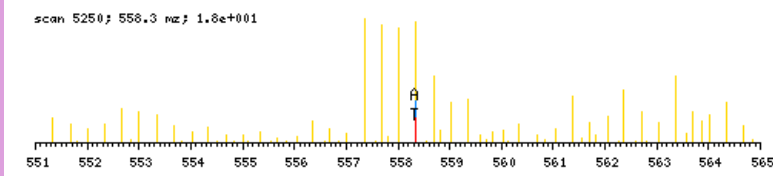
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
100.0762	1	A	15		
199.1446	2	V	14	1573.9100	787.4589
298.2130	3	V	13	1474.8415	737.9247
399.2607	4	T	12	1375.7731	688.3905
559.2913	5	C	11	1274.7255	637.8666
616.3128	6	G	10	1114.6949	557.8513
703.3448	7	S	9	1057.6734	529.3406
802.4132	8	V	8	970.6414	485.8246
901.4816	9	V	7	871.5729	436.2904
1057.6079	10	K	6	772.5045	386.7562
1170.6920	11	L	5	616.3782	308.6930
1283.7761	12	L	4	503.2942	252.1510
1397.8190	13	N	3	390.2101	195.6090
1498.8667	14	T	2	276.1672	138.5875
	15	R	1	175.1195	88.0637

N-term:+29.04 C(5):+160.03
 K(10):+156.13

AYLTIEQLLEKR, MH+ 1532.9052, m/z 511.6399
 L OS G26 P150811 220811-s1.06668.06668.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

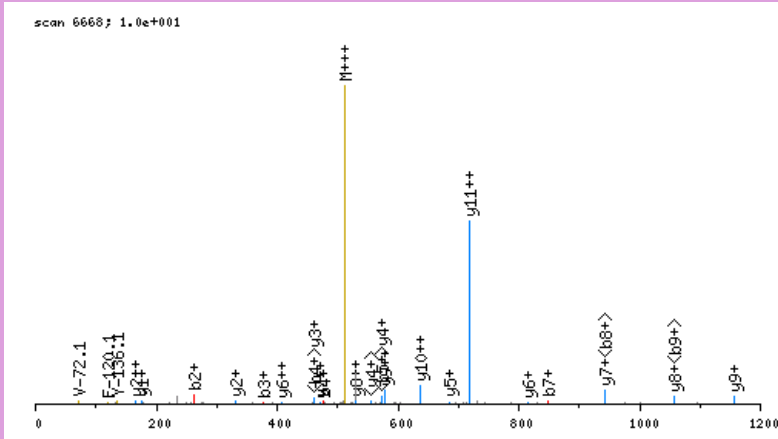
y + 2+ 3+

z + 2+ 3+

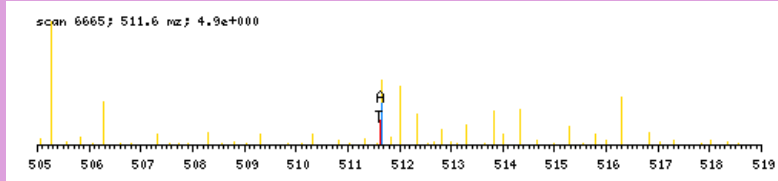
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



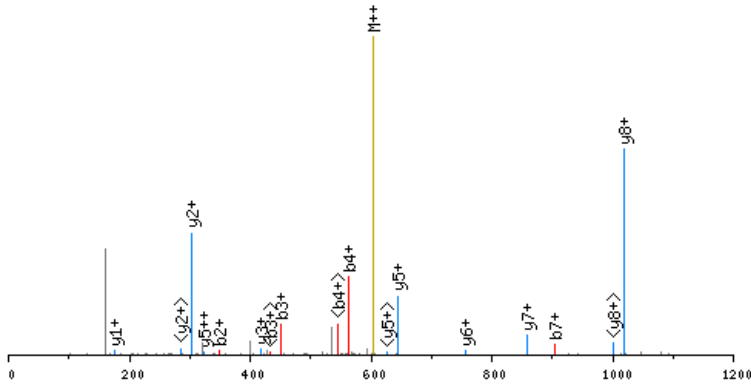
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 12		
263.1395	2	Y 11	1433.8368	717.4223
376.2236	3	L 10	1270.7735	635.8907
477.2713	4	T 9	1157.6894	579.3486
590.3553	5	I 8	1056.6418	528.8248
719.3979	6	E 7	943.5577	472.2828
847.4565	7	Q 6	814.5151	407.7615
960.5406	8	L 5	686.4565	343.7322
1073.6246	9	L 4	573.3725	287.1901
1202.6672	10	E 3	460.2884	230.6481
1358.7935	11	K 2	331.2458	166.1268
	12	R 1	175.1195	88.0637

N-term:+29.04 K(11):+156.13

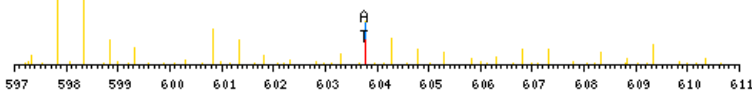
CCTLPEDQR, MH+ 1206.5246, m/z 603.7659
 L OS G25 P150811 220811-s1.02178.02178.2.dta

scan 2178; 3.9e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 2177; 603.8 m/z; 1.3e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

0 - 0

MassTol: Y-zoom:

0. 1.

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

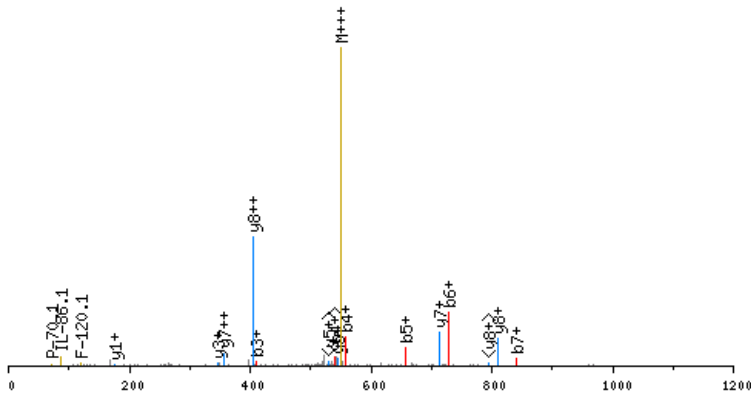
GO

b ⁺	#	AA #	y ⁺	y ²⁺
189.0697	1	C	9	
349.1003	2	C	8	1018.4627 509.7353
450.1480	3	T	7	858.4321 429.7200
563.2320	4	L	6	757.3844 379.1961
660.2848	5	P	5	644.3004 322.6541
789.3274	6	E	4	547.2476 274.1277
904.3543	7	D	3	418.2050 209.6064
1032.4129	8	Q	2	303.1781 152.0930
	9	R	1	175.1195 88.0637

N-term:+29.04 C(1):+160.03
 C(2):+160.03

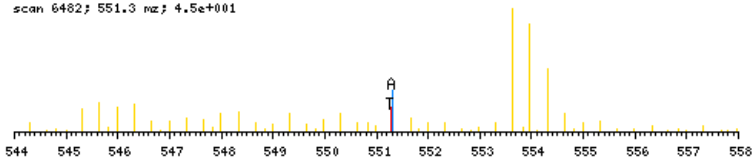
CDTFVALPPATVGNR, MH+ 1651.8689, m/z 551.2945
 H OS G25 P150811 220811-s1.06486.06486.3.dta

scan 6486; 6.1e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 6482; 551.3 m/z; 4.5e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

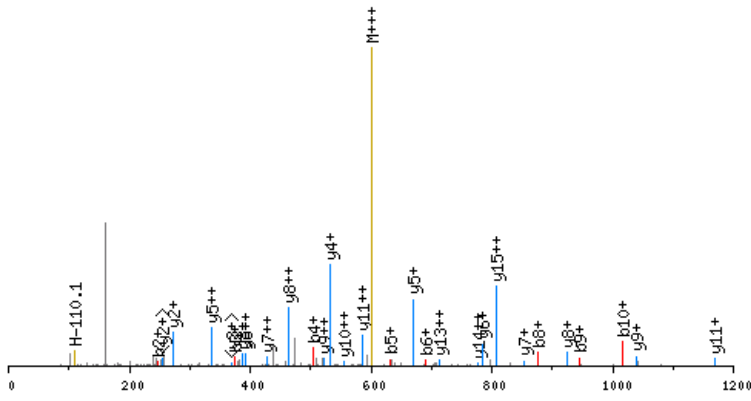
GO

b ⁺	#	AA #	y ⁺	y ²⁺
195.1015	1	C 15		
310.1284	2	D 14	1457.7753	729.3915
411.1761	3	T 13	1342.7483	671.8781
558.2445	4	F 12	1241.7006	621.3542
657.3129	5	V 11	1094.6322	547.8200
728.3501	6	A 10	995.5638	498.2858
841.4341	7	L 9	924.5267	462.7673
938.4869	8	P 8	811.4426	406.2252
1035.5397	9	P 7	714.3899	357.6988
1106.5768	10	A 6	617.3371	309.1725
1207.6244	11	T 5	546.3000	273.6539
1306.6929	12	V 4	445.2523	223.1301
1363.7143	13	G 3	346.1839	173.5959
1477.7573	14	N 2	289.1624	145.0851
	15	R 1	175.1195	88.0637

N-term:+35.07 C(1):+160.03

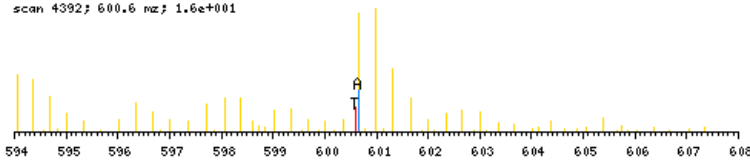
CGEEQGADAALHFNPR, MH+ 1799.8134, m/z 600.6093
 L OS G27 P150811 220811-s1.04394.04394.3.dta

scan 4394; 4.0e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4392; 600.6 m/z; 1.6e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
189.0697	1	C 16		
246.0912	2	G 15	1611.7516	806.3797
375.1338	3	E 14	1554.7301	777.8690
504.1764	4	E 13	1425.6875	713.3477
632.2349	5	Q 12	1296.6449	648.8264
689.2564	6	G 11	1168.5863	584.7971
760.2935	7	A 10	1111.5649	556.2863
875.3204	8	D 9	1040.5278	520.7678
946.3576	9	A 8	925.5008	463.2543
1017.3947	10	A 7	854.4637	427.7358
1130.4787	11	L 6	783.4266	392.2172
1267.5377	12	H 5	670.3425	335.6752
1414.6061	13	F 4	533.2836	267.1457
1528.6490	14	N 3	386.2152	193.6115
1625.7018	15	P 2	272.1723	136.5900
	16	R 1	175.1195	88.0637

N-term:+29.04 C(1):+160.03

CKAADKDTCFSTEGPNLVTR, MH+ 2354.1484, m/z 589.2926
 L OS G28 P150811 220811-s1.04446.04446.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

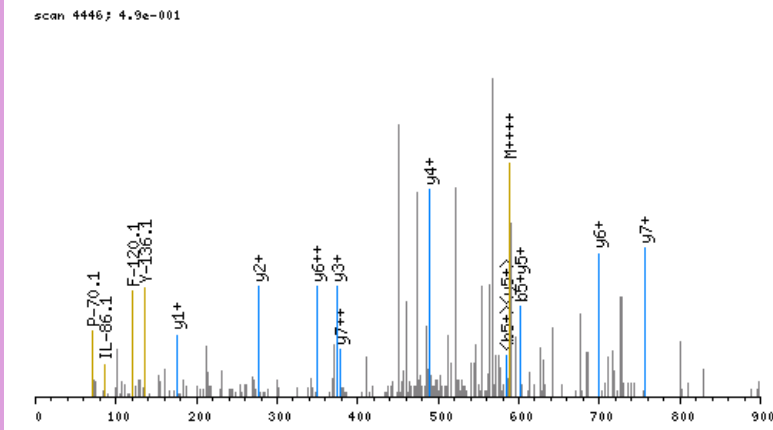
y + 2+ 3+

z + 2+ 3+

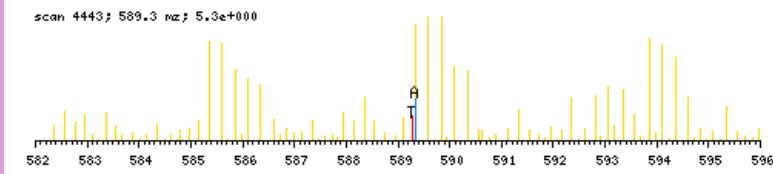
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
189.0697	1	C	20		
345.1960	2	K	19	2166.0865	1083.5472
416.2331	3	A	18	2009.9602	1005.4840
487.2702	4	A	17	1938.9231	969.9655
602.2972	5	D	16	1867.8860	934.4469
758.4235	6	K	15	1752.8590	876.9334
873.4504	7	D	14	1596.7327	798.8703
974.4981	8	T	13	1481.7058	741.3568
1134.5287	9	C	12	1380.6581	690.8330
1281.5971	10	F	11	1220.6275	610.8177
1368.6291	11	S	10	1073.5591	537.2835
1469.6768	12	T	9	986.5271	493.7675
1598.7194	13	E	8	885.4794	443.2436
1655.7409	14	G	7	756.4368	378.7223
1752.7936	15	P	6	699.4153	350.2116
1866.8366	16	N	5	602.3626	301.6852
1979.9206	17	L	4	488.3197	244.6637
2078.9890	18	V	3	375.2356	188.1217
2180.0367	19	T	2	276.1672	138.5875
	20	R	1	175.1195	88.0637

N-term:+29.04 C(1):+160.03
 K(2):+156.13 K(6):+156.13 C(9):+160.03

CSPDPGLTALLSDHR, MH+ 1666.8222, m/z 556.2789
 L OS G26 P150811 220811-s1.05449.05449.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

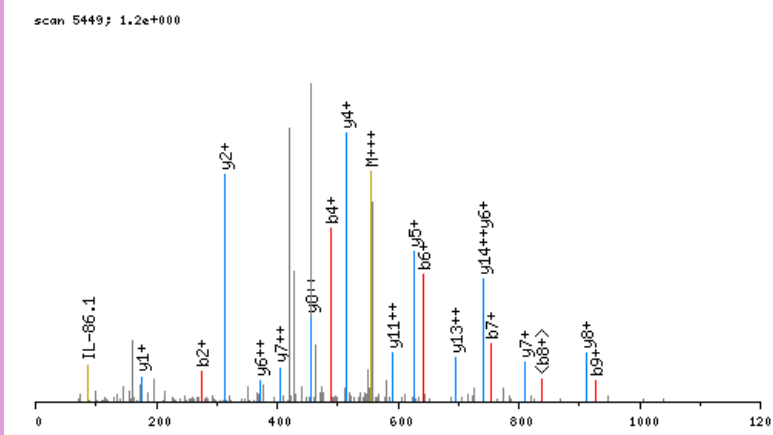
y + 2+ 3+

z + 2+ 3+

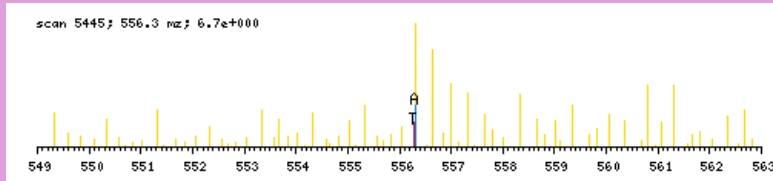
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
189.0697	1	C 15		
276.1017	2	S 14	1478.7603	739.8841
373.1545	3	P 13	1391.7283	696.3681
488.1814	4	D 12	1294.6755	647.8417
585.2342	5	P 11	1179.6486	590.3282
642.2557	6	G 10	1082.5958	541.8018
755.3397	7	L 9	1025.5744	513.2911
856.3874	8	T 8	912.4903	456.7491
927.4245	9	A 7	811.4426	406.2252
1040.5086	10	L 6	740.4055	370.7067
1153.5926	11	L 5	627.3214	314.1646
1240.6247	12	S 4	514.2374	257.6226
1355.6516	13	D 3	427.2054	214.1066
1492.7105	14	H 2	312.1784	156.5931
	15	R 1	175.1195	88.0637

N-term:+29.04 C(1):+160.03

CVTDISHLVR, MH+ 1227.6519, m/z 409.8888
 L OS G27 P150811 220811-s1.05140.05140.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

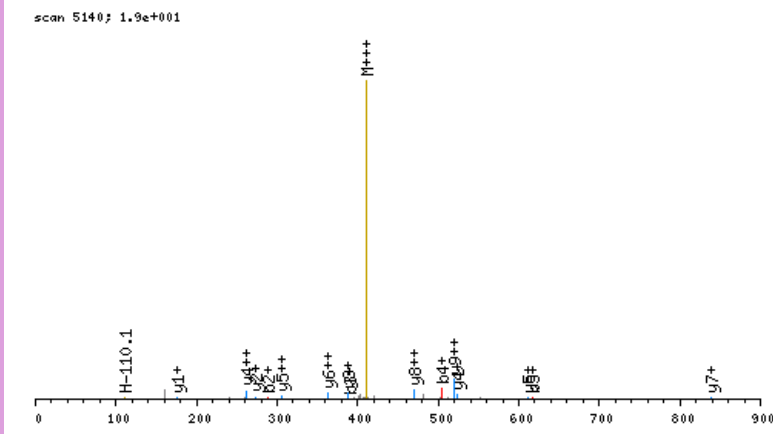
y + 2+ 3+

z + 2+ 3+

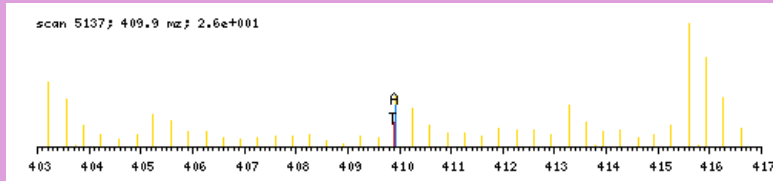
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
189.0697	1	C 10		
288.1381	2	V 9	1039.5900	520.2989
389.1858	3	T 8	940.5216	470.7647
504.2127	4	D 7	839.4739	420.2409
617.2968	5	I 6	724.4470	362.7274
704.3288	6	S 5	611.3629	306.1854
841.3877	7	H 4	524.3309	262.6694
954.4718	8	L 3	387.2720	194.1399
1053.5402	9	V 2	274.1879	137.5979
	10	R 1	175.1195	88.0637

N-term:+29.04 C(1):+160.03

DADGGDISVKELGTVMR, MH+ 1888.0122, m/z 630.0089
 H OS G26 P150811 220811-s1.05334.05334.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

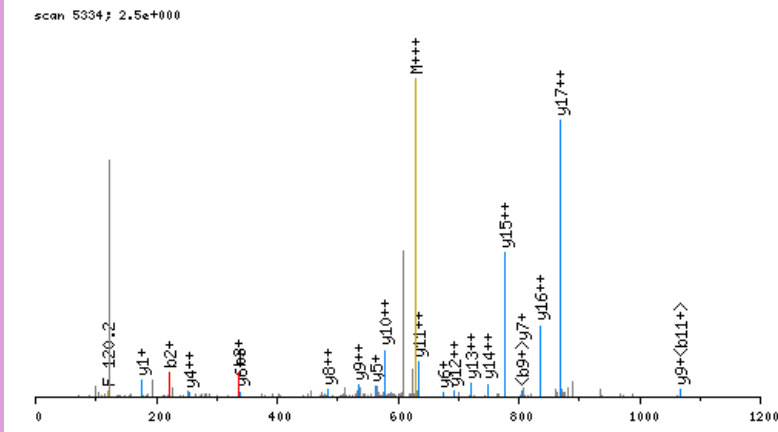
y + 2+ 3+

z + 2+ 3+

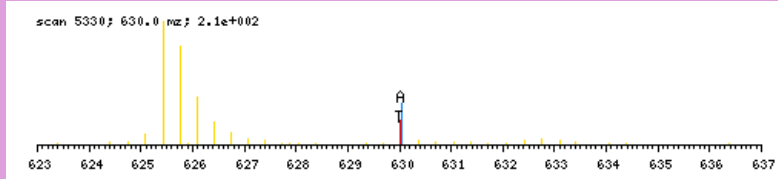
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
150.0978	1	D 18		
221.1350	2	A 17	1738.9222	869.9650
336.1619	3	D 16	1667.8851	834.4465
393.1834	4	G 15	1552.8581	776.9330
450.2048	5	G 14	1495.8367	748.4223
507.2263	6	G 13	1438.8152	719.9115
622.2532	7	D 12	1381.7937	691.4008
735.3373	8	I 11	1266.7668	633.8873
822.3693	9	S 10	1153.6827	577.3453
921.4377	10	V 9	1066.6507	533.8293
1083.5958	11	K 8	967.5823	484.2951
1212.6384	12	E 7	805.4242	403.2160
1325.7225	13	L 6	676.3816	338.6947
1382.7440	14	G 5	563.2975	282.1527
1483.7916	15	T 4	506.2761	253.6420
1582.8601	16	V 3	405.2284	203.1181
1713.9005	17	M 2	306.1600	153.5839
	18	R 1	175.1195	88.0637

N-term:+35.07 K(11):+162.16

DALYKLGMTDAFGGR, MH+ 1682.9212, m/z 561.6453
 H OS G26 P150811 220811-s1.05919.05919.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

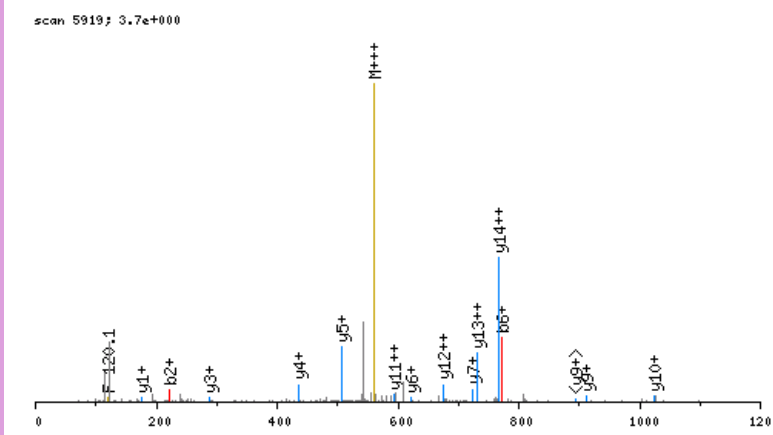
y + 2+ 3+

z + 2+ 3+

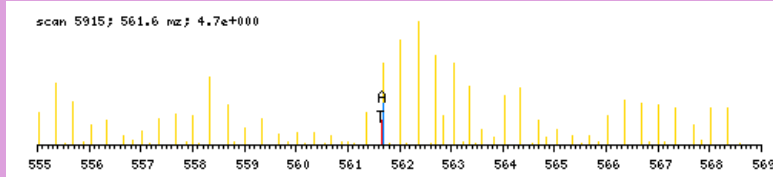
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



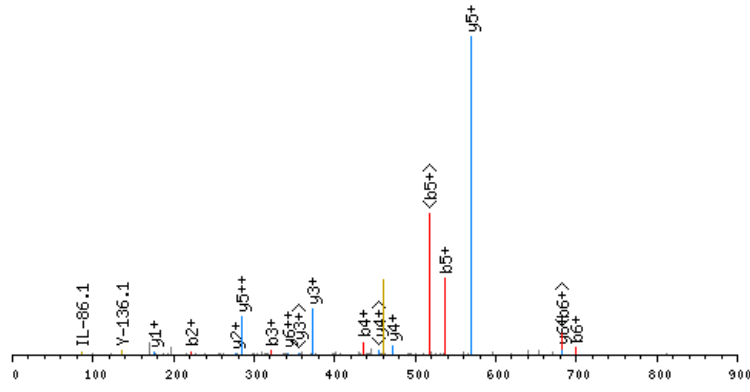
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
150.0978	1	D 15		
221.1350	2	A 14	1533.8312	767.4195
334.2190	3	L 13	1462.7941	731.9010
497.2823	4	Y 12	1349.7100	675.3589
659.4404	5	K 11	1186.6467	593.8273
772.5245	6	L 10	1024.4886	512.7482
829.5460	7	G 9	911.4045	456.2062
960.5865	8	M 8	854.3831	427.6954
1061.6341	9	T 7	723.3426	362.1752
1176.6611	10	D 6	622.2949	311.6514
1247.6982	11	A 5	507.2680	254.1379
1394.7666	12	F 4	436.2308	218.6193
1451.7881	13	G 3	289.1624	145.0851
1508.8095	14	G 2	232.1410	116.5744
	15	R 1	175.1195	88.0637

N-term:+35.07 K(5):+162.16

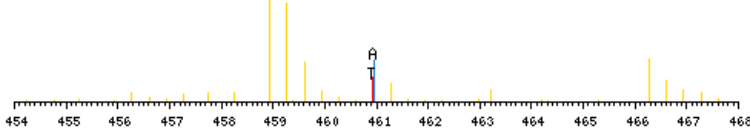
DAVDTYIPVPTK, MH+ 1380.7587, m/z 460.9244
 H OS G24 P150811 220811-s1.03948.03948.3.dta

scan 3948; 4.8e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 3947; 460.9 m/z; 7.7e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
150.0978	1	D 12		
221.1350	2	A 11	1231.6687	616.3382
320.2034	3	V 10	1160.6315	580.8197
435.2303	4	D 9	1061.5631	531.2855
536.2780	5	T 8	946.5362	473.7720
699.3413	6	Y 7	845.4885	423.2482
812.4254	7	I 6	682.4252	341.7165
909.4781	8	P 5	569.3411	285.1745
1008.5466	9	V 4	472.2884	236.6481
1105.5993	10	P 3	373.2199	187.1139
1206.6470	11	T 2	276.1672	138.5875
	12	R 1	175.1195	88.0637

N-term:+35.07

DCILPPTRPDKPLR, MH+ 1835.0213, m/z 459.5108
 L OS G28 P150811 220811-s1.04547.04547.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

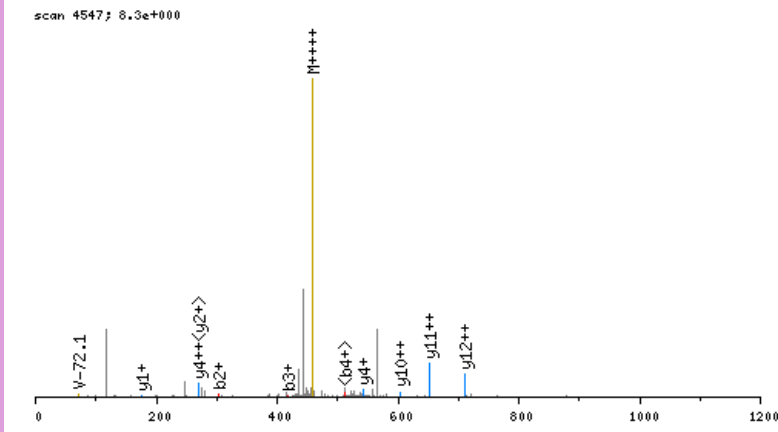
y + 2+ 3+

z + 2+ 3+

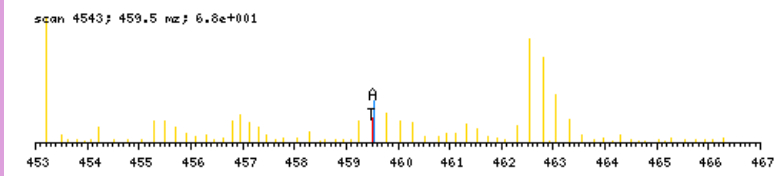
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D	15	
304.0966	2	C	14	1691.9631 846.4854
417.1807	3	I	13	1531.9325 766.4701
530.2648	4	L	12	1418.8484 709.9281
627.3175	5	P	11	1305.7643 653.3861
724.3703	6	P	10	1208.7116 604.8597
825.4180	7	T	9	1111.6588 556.3333
981.5191	8	R	8	1010.6111 505.8095
1078.5719	9	P	7	854.5100 427.7589
1179.6195	10	T	6	757.4573 379.2325
1294.6465	11	D	5	656.4096 328.7087
1450.7728	12	K	4	541.3826 271.1952
1547.8255	13	P	3	385.2563 193.1321
1660.9096	14	L	2	288.2036 144.6057
	15	R	1	175.1195 88.0637

N-term:+29.04 C(2):+160.03
 K(12):+156.13

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

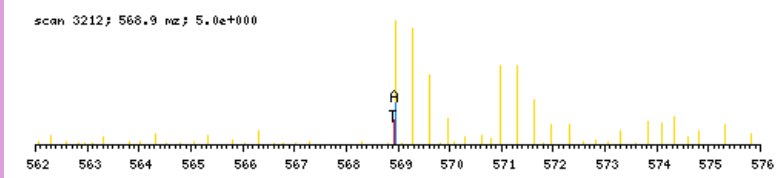
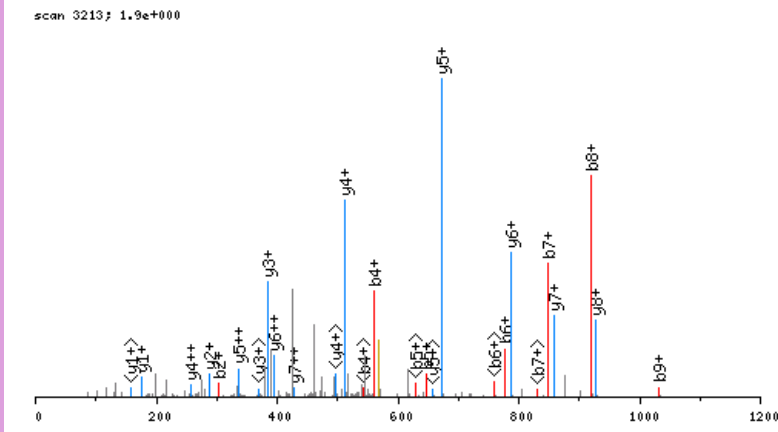
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO



b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D	14	
304.0966	2	C	13	1561.6924 781.3501
401.1494	3	P	12	1401.6618 701.3348
561.1800	4	C	11	1304.6090 652.8084
648.2120	5	S	10	1144.5784 572.7931
777.2546	6	E	9	1057.5464 529.2771
848.2917	7	A	8	928.5038 464.7558
919.3289	8	A	7	857.4667 429.2373
1032.4129	9	L	6	786.4296 393.7187
1192.4435	10	C	5	673.3455 337.1767
1320.5021	11	Q	4	513.3149 257.1614
1417.5549	12	P	3	385.2563 193.1321
1530.6389	13	I	2	288.2036 144.6057
	14	R	1	175.1195 88.0637

N-term:+29.04 C(2):+160.03
 C(4):+160.03 C(10):+160.03

DDEVAPDAAAENCLAER, MH+ 1873.8237, m/z 625.2794
 L OS G24 P150811 220811-s1.03316.03316.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

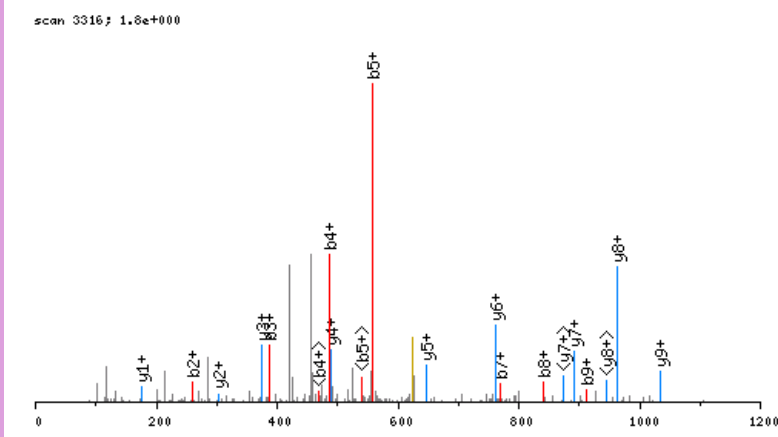
y + 2+ 3+

z + 2+ 3+

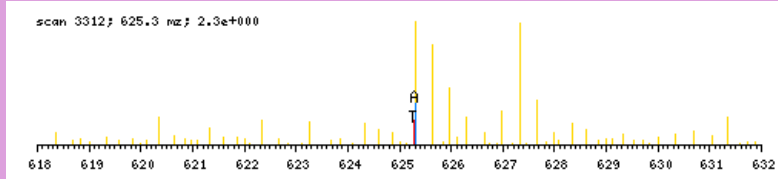
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 17		
259.0930	2	D 16	1730.7655	865.8867
388.1356	3	E 15	1615.7386	808.3732
487.2040	4	V 14	1486.6960	743.8519
558.2411	5	A 13	1387.6276	694.3177
655.2939	6	P 12	1316.5904	658.7991
770.3208	7	D 11	1219.5377	610.2728
841.3579	8	A 10	1104.5107	552.7593
912.3950	9	A 9	1033.4736	517.2407
983.4322	10	A 8	962.4365	481.7222
1112.4747	11	E 7	891.3994	446.2036
1226.5177	12	N 6	762.3568	381.6823
1386.5483	13	C 5	648.3139	324.6608
1499.6323	14	L 4	488.2833	244.6455
1570.6695	15	A 3	375.1992	188.1035
1699.7120	16	E 2	304.1621	152.5850
	17	R 1	175.1195	88.0637

N-term:+29.04 C(13):+160.03

DDEVVDVDTVEEDLGKSR, MH+ 2046.0151, m/z 682.6766
 H OS G26 P150811 220811-s1.04768.04768.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

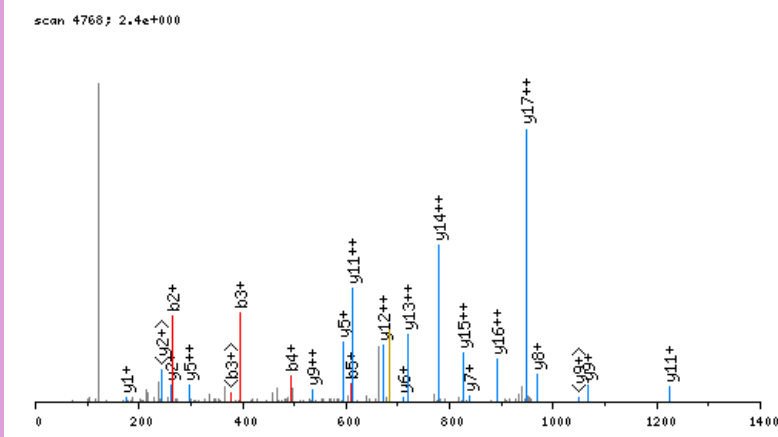
y + 2+ 3+

z + 2+ 3+

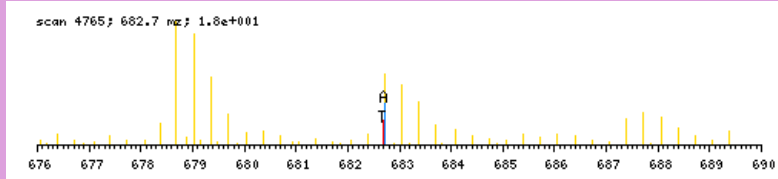
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



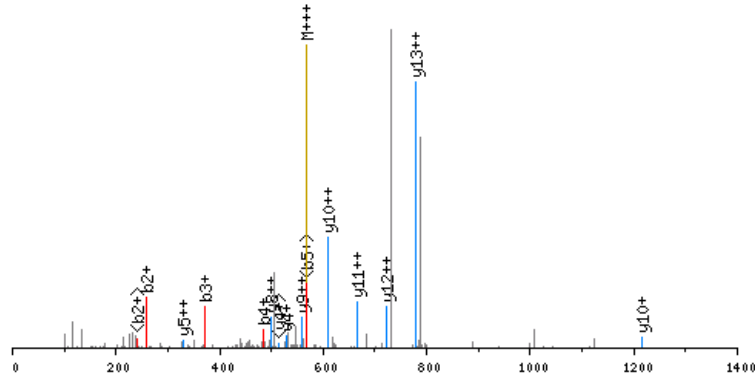
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
150.0978	1	D 18		
265.1248	2	D 17	1896.9251	948.9665
394.1674	3	E 16	1781.8981	891.4530
493.2358	4	V 15	1652.8556	826.9317
608.2627	5	D 14	1553.7871	777.3975
707.3312	6	V 13	1438.7602	719.8840
822.3581	7	D 12	1339.6918	670.3498
879.3796	8	G 11	1224.6648	612.8363
980.4272	9	T 10	1167.6434	584.3256
1079.4956	10	V 9	1066.5957	533.8018
1208.5382	11	E 8	967.5273	484.2676
1337.5808	12	E 7	838.4847	419.7463
1452.6078	13	D 6	709.4421	355.2250
1565.6918	14	L 5	594.4152	297.7115
1622.7133	15	G 4	481.3311	241.1695
1784.8714	16	K 3	424.3096	212.6587
1871.9034	17	S 2	262.1515	131.5797
	18	R 1	175.1195	88.0637

N-term:+35.07 K(16):+162.16

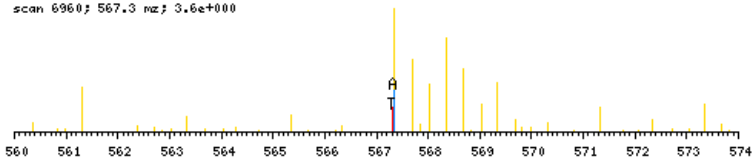
DDLITDLLNEAKQR, MH+ 1699.9231, m/z 567.3125
 L OS G26 P150811 220811-s1.06962.06962.3.dta

scan 6962; 1.9e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6960; 567.3 m/z; 3.6e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D	14	
259.0930	2	D	13	1556.8648
372.1771	3	L	12	1441.8379
485.2611	4	I	11	1328.7538
586.3088	5	T	10	1215.6698
701.3357	6	D	9	1114.6221
814.4198	7	L	8	999.5951
927.5039	8	L	7	886.5111
1041.5468	9	N	6	773.4270
1170.5894	10	E	5	659.3841
1241.6265	11	A	4	530.3415
1397.7528	12	K	3	459.3044
1525.8114	13	Q	2	303.1781
	14	R	1	175.1195

N-term:+29.04 K(12):+156.13

DDPHKTPASPVVHIR, MH+ 1737.0084, m/z 435.0076
 H OS G28 P150811 220811-s1.02889.02889.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

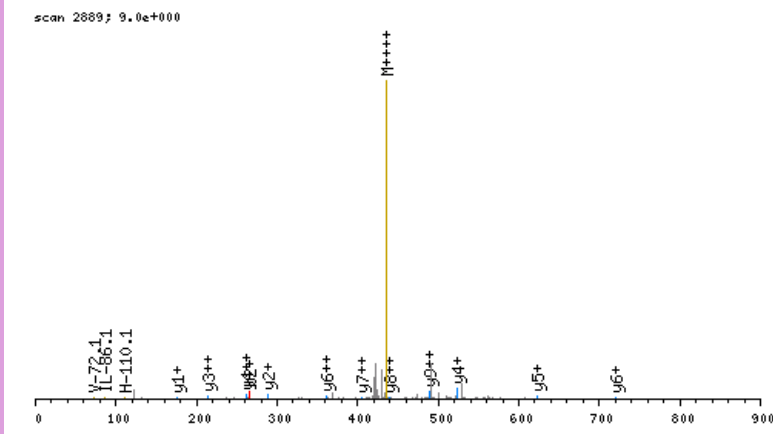
y + 2+ 3+

z + 2+ 3+

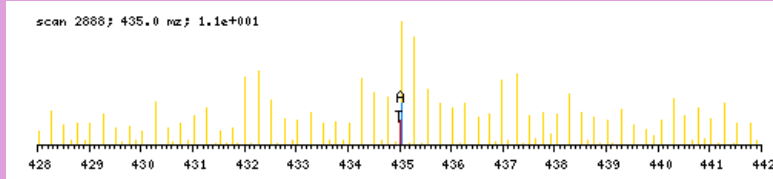
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
150.0978	1	D	15	
265.1248	2	D	14	1587.9184 794.4631
362.1776	3	P	13	1472.8914 736.9496
499.2365	4	H	12	1375.8387 688.4232
661.3946	5	K	11	1238.7798 619.8938
762.4422	6	T	10	1076.6217 538.8147
859.4950	7	P	9	975.5740 488.2909
930.5321	8	A	8	878.5212 439.7645
1017.5641	9	S	7	807.4841 404.2460
1114.6169	10	P	6	720.4521 360.7299
1213.6853	11	V	5	623.3993 312.2036
1312.7537	12	V	4	524.3309 262.6694
1449.8127	13	H	3	425.2625 213.1352
1562.8967	14	I	2	288.2036 144.6057
	15	R	1	175.1195 88.0637

N-term:+35.07 K(5):+162.16

DDPSYVNIQNLDKAR, MH+ 1803.9241, m/z 601.9796
 L OS G26 P150811 220811-s1.04612.04612.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

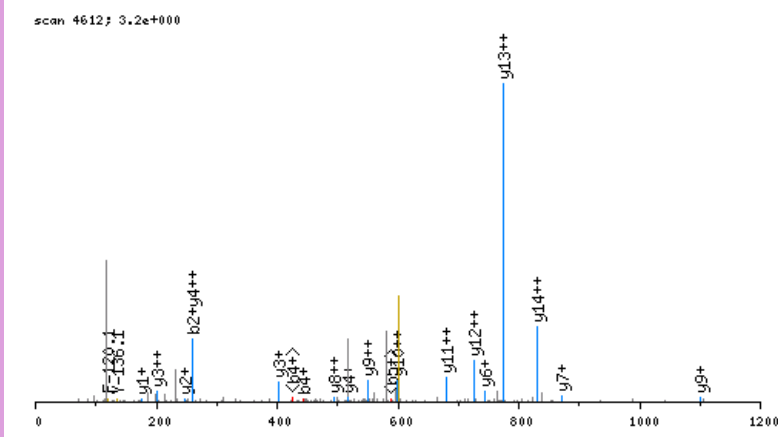
y + 2+ 3+

z + 2+ 3+

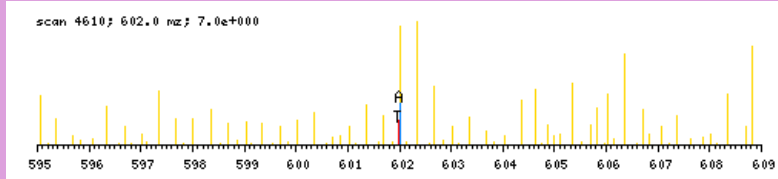
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



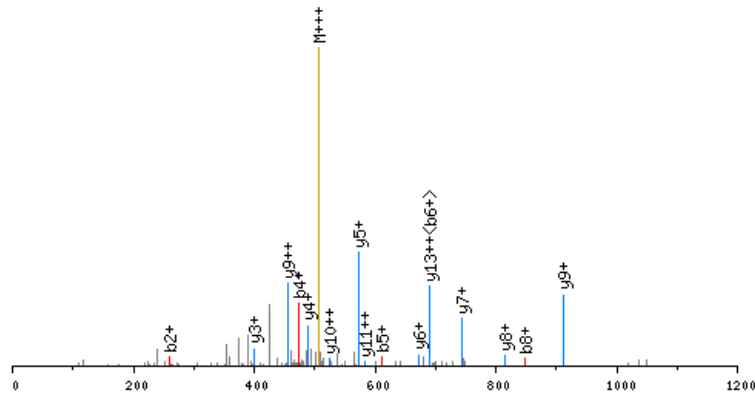
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 15		
259.0930	2	D 14	1660.8659	830.9369
356.1458	3	P 13	1545.8390	773.4234
443.1778	4	S 12	1448.7862	724.8970
606.2411	5	Y 11	1361.7542	681.3810
705.3095	6	V 10	1198.6908	599.8493
819.3524	7	N 9	1099.6224	550.3151
932.4365	8	I 8	985.5795	493.2937
1060.4951	9	Q 7	872.4954	436.7516
1174.5380	10	N 6	744.4368	372.7223
1287.6221	11	L 5	630.3939	315.7009
1402.6490	12	D 4	517.3099	259.1588
1558.7753	13	K 3	402.2829	201.6454
1629.8124	14	A 2	246.1566	123.5822
	15	R 1	175.1195	88.0637

N-term:+29.04 K(13):+156.13

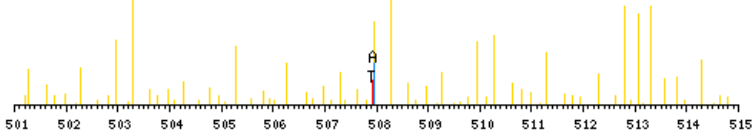
DDVDHPAAVSSPQR, MH+ 1521.7297, m/z 507.9148
 L OS G26 P150811 220811-s1.02154.02154.3.dta

scan 2154; 1.4e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2151; 507.9 m/z; 1.3e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 14		
259.0930	2	D 13	1378.6715	689.8397
358.1614	3	V 12	1263.6446	632.3262
473.1883	4	D 11	1164.5762	582.7920
610.2473	5	H 10	1049.5492	525.2785
707.3000	6	P 9	912.4903	456.7491
778.3371	7	A 8	815.4375	408.2227
849.3742	8	A 7	744.4004	372.7041
948.4427	9	V 6	673.3633	337.1856
1035.4747	10	S 5	574.2949	287.6514
1122.5067	11	S 4	487.2629	244.1353
1219.5595	12	P 3	400.2308	200.6193
1347.6181	13	Q 2	303.1781	152.0930
	14	R 1	175.1195	88.0637

N-term:+29.04

DEEAIGTIQEDYLR, MH+ 1679.8128, m/z 560.6091
 L OS G24 P150811 220811-s1.04285.04285.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

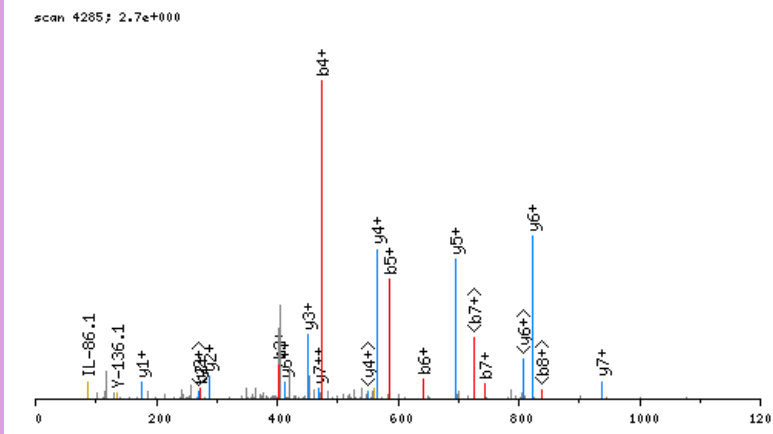
y + 2+ 3+

z + 2+ 3+

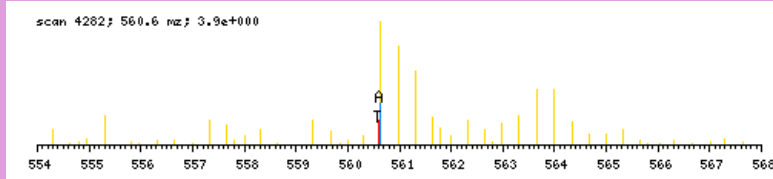
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



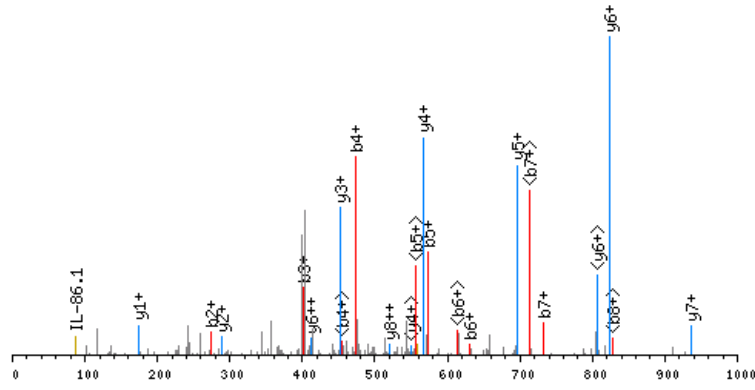
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 14		
273.1086	2	E 13	1536.7546	768.8812
402.1512	3	E 12	1407.7120	704.3599
473.1883	4	A 11	1278.6694	639.8386
586.2724	5	I 10	1207.6323	604.3201
643.2939	6	G 9	1094.5482	547.7780
744.3415	7	T 8	1037.5267	519.2673
857.4256	8	I 7	936.4791	468.7434
985.4842	9	Q 6	823.3950	412.2014
1114.5268	10	E 5	695.3364	348.1721
1229.5537	11	D 4	566.2938	283.6508
1392.6171	12	Y 3	451.2669	226.1374
1505.7011	13	L 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+29.04

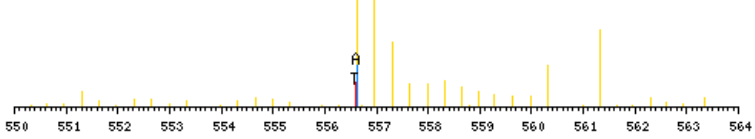
DEEATGTTIQEDYLR, MH+ 1667.7764, m/z 556.5970
 L OS G24 P150811 220811-s1.03558.03558.3.dta

scan 3558; 1.5e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 3557; 556.6 m/z; 5.9e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

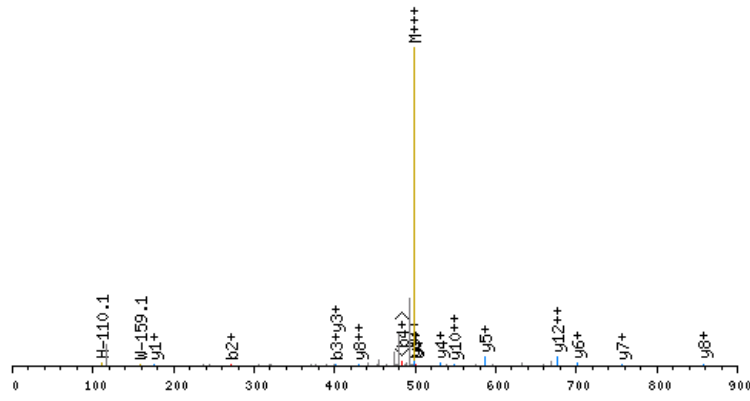
GO

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 14		
273.1086	2	E 13	1524.7182	762.8630
402.1512	3	E 12	1395.6756	698.3417
473.1883	4	A 11	1266.6330	633.8204
574.2360	5	T 10	1195.5959	598.3019
631.2575	6	G 9	1094.5482	547.7780
732.3052	7	T 8	1037.5267	519.2673
845.3892	8	I 7	936.4791	468.7434
973.4478	9	Q 6	823.3950	412.2014
1102.4904	10	E 5	695.3364	348.1721
1217.5173	11	D 4	566.2938	283.6508
1380.5807	12	Y 3	451.2669	226.1374
1493.6647	13	L 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+29.04

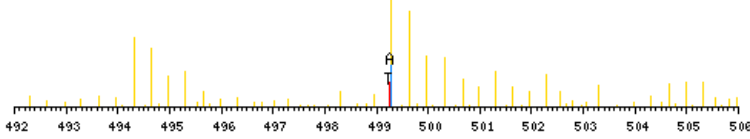
DEEVHTGLGELLR, MH+ 1495.7756, m/z 499.2634
 L OS G26 P150811 220811-s1.05259.05259.3.dta

scan 5259; 1.4e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5255; 499.3 m/z; 1.7e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 13		
273.1086	2	E 12	1352.7174	676.8626
402.1512	3	E 11	1223.6748	612.3413
501.2196	4	V 10	1094.6322	547.8200
638.2786	5	H 9	995.5638	498.2858
739.3262	6	T 8	858.5049	429.7564
796.3477	7	G 7	757.4572	379.2325
909.4318	8	L 6	700.4357	350.7218
966.4532	9	G 5	587.3517	294.1798
1095.4958	10	E 4	530.3302	265.6690
1208.5799	11	L 3	401.2876	201.1477
1321.6639	12	L 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+29.04

DEKLDITLTLGVPEEHIKTR, MH+ 2397.4090, m/z 600.1077
 H OS G28 P150811 220811-s1.07397.07397.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

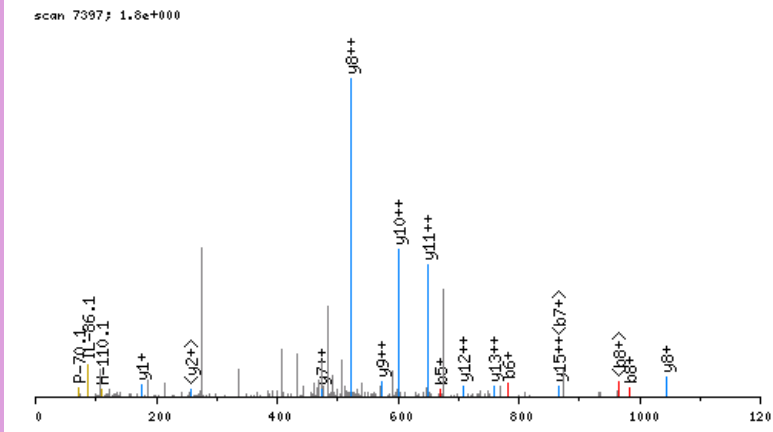
y + 2+ 3+

z + 2+ 3+

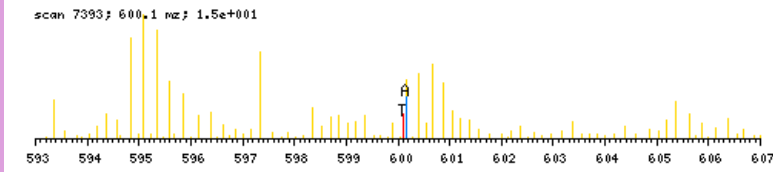
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
150.0978	1	D	20		
279.1404	2	E	19	2248.3189	1124.6634
441.2985	3	K	18	2119.2764	1060.1421
554.3826	4	L	17	1957.1183	979.0630
669.4095	5	D	16	1844.0342	922.5210
782.4936	6	I	15	1729.0072	865.0075
883.5413	7	T	14	1615.9232	808.4655
984.5890	8	T	13	1514.8755	757.9417
1097.6730	9	L	12	1413.8278	707.4178
1198.7207	10	T	11	1300.7438	650.8758
1255.7422	11	G	10	1199.6961	600.3520
1354.8106	12	V	9	1142.6746	571.8412
1451.8633	13	P	8	1043.6062	522.3070
1580.9059	14	E	7	946.5534	473.7806
1709.9485	15	E	6	817.5108	409.2593
1847.0074	16	H	5	688.4683	344.7380
1960.0915	17	I	4	551.4093	276.2086
2122.2496	18	K	3	438.3253	219.6666
2223.2973	19	T	2	276.1672	138.5875
	20	R	1	175.1195	88.0637

N-term:+35.07 K(3):+162.16
 K(18):+162.16

DEKSAGVSVPGMGPSPGR, MH+ 1893.0176, m/z 631.6774
 H OS G26 P150811 220811-s1.03627.03627.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

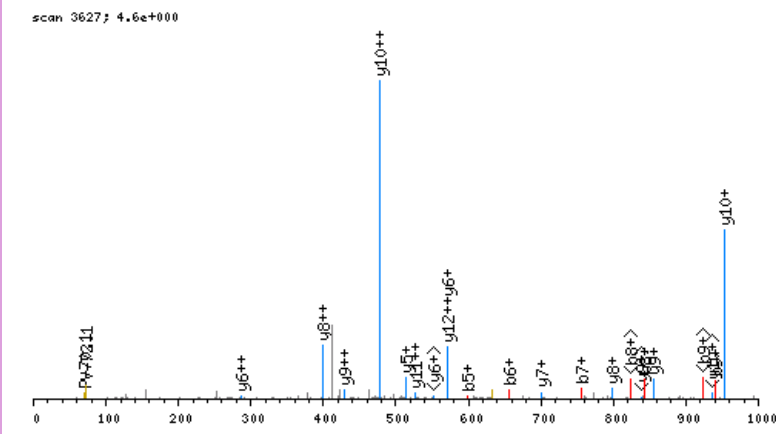
y + 2+ 3+

z + 2+ 3+

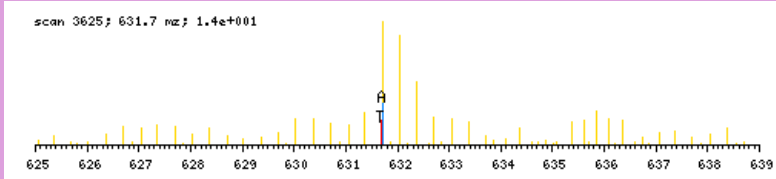
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

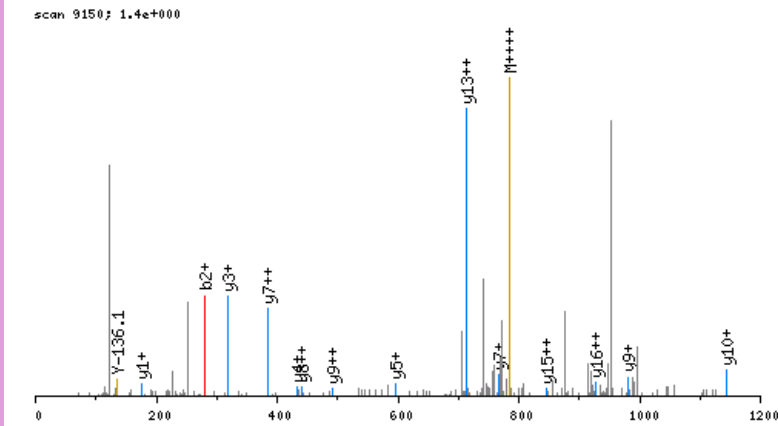


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

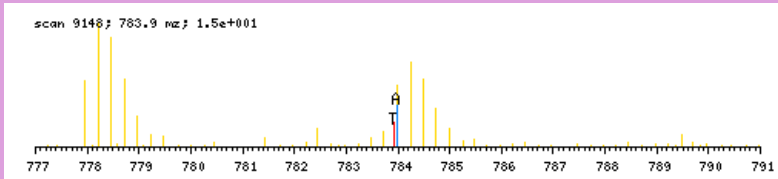
b ⁺	#	AA #	y ⁺	y ²⁺
150.0978	1	D 19		
279.1404	2	E 18	1743.9276	872.4677
441.2985	3	K 17	1614.8850	807.9464
528.3306	4	S 16	1452.7269	726.8674
599.3677	5	A 15	1365.6949	683.3514
656.3891	6	G 14	1294.6578	647.8328
755.4576	7	V 13	1237.6363	619.3221
842.4896	8	S 12	1138.5679	569.7879
941.5580	9	V 11	1051.5359	526.2718
1038.6108	10	P 10	952.4675	476.7376
1095.6322	11	G 9	855.4147	428.2113
1192.6850	12	P 8	798.3932	399.7005
1323.7255	13	M 7	701.3405	351.1741
1380.7469	14	G 6	570.3000	285.6539
1477.7997	15	P 5	513.2785	257.1432
1564.8317	16	S 4	416.2258	208.6168
1621.8532	17	G 3	329.1937	165.1008
1718.9060	18	P 2	272.1723	136.5900
	19	R 1	175.1195	88.0637

N-term:+35.07 K(3):+162.16

DEPQSQWDKVKDFANVYVDAVKDSGR, MH+ 3132.6915, m/z 783.9283
 H OS G28_P150811_220811-s1.09150.09150.4.dta



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
150.0978	1	D 26		
279.1404	2	E 25	2983.6015	1492.3046
376.1932	3	P 24	2854.5589	1427.7834
504.2518	4	Q 23	2757.5061	1379.2570
591.2838	5	S 22	2629.4475	1315.2277
719.3424	6	Q 21	2542.4155	1271.7117
905.4217	7	W 20	2414.3569	1207.6824
1020.4486	8	D 19	2228.2776	1114.6427
1182.6067	9	K 18	2113.2507	1057.1293
1281.6752	10	V 17	1951.0926	976.0502
1443.8333	11	K 16	1852.0242	926.5160
1558.8602	12	D 15	1689.8661	845.4369
1705.9286	13	F 14	1574.8391	787.9235
1776.9657	14	A 13	1427.7707	714.3893
1891.0087	15	N 12	1356.7336	678.8707
1990.0771	16	V 11	1242.6907	621.8492
2153.1404	17	Y 10	1143.6222	572.3150
2252.2088	18	V 9	980.5589	490.7834
2367.2358	19	D 8	881.4905	441.2492
2438.2729	20	A 7	766.4636	383.7357
2537.3413	21	V 6	695.4264	348.2171
2699.4994	22	K 5	596.3580	298.6829
2814.5263	23	D 4	434.1999	217.6039
2901.5584	24	S 3	319.1730	160.0904
2958.5798	25	G 2	232.1410	116.5744
	26	R 1	175.1195	88.0637

N-term:+35.07 K(9):+162.16
 K(11):+162.16 K(22):+162.16

DETEQALANER, MH+ 1303.6130, m/z 652.3101
 L OS G25 P150811 220811-s1.02898.02898.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

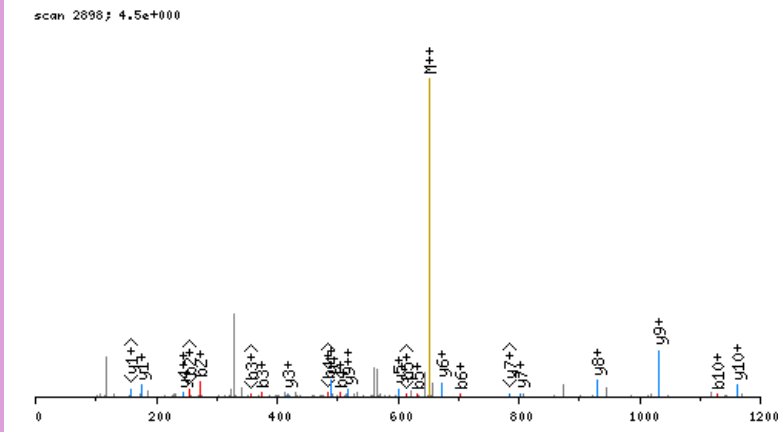
y + 2+ 3+

z + 2+ 3+

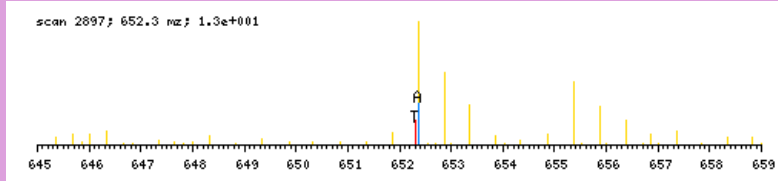
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D	11	
273.1086	2	E	10	1160.5548 580.7813
374.1563	3	T	9	1031.5122 516.2600
503.1989	4	E	8	930.4645 465.7362
631.2575	5	Q	7	801.4219 401.2149
702.2946	6	A	6	673.3633 337.1856
815.3787	7	L	5	602.3262 301.6670
886.4158	8	A	4	489.2421 245.1250
1000.4587	9	N	3	418.2050 209.6064
1129.5013	10	E	2	304.1621 152.5850
	11	R	1	175.1195 88.0637

N-term:+29.04

DEVAPFLTAQATHLR, MH+ 1702.9340, m/z 426.4890
 H OS G28 P150811 220811-s1.02669.02669.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

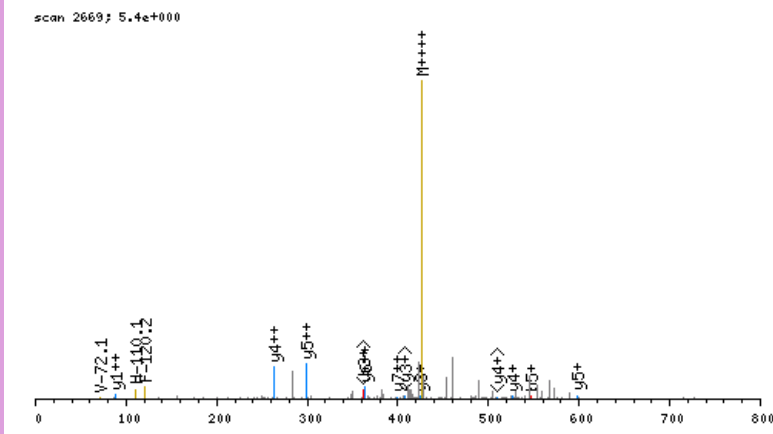
y + 2+ 3+

z + 2+ 3+

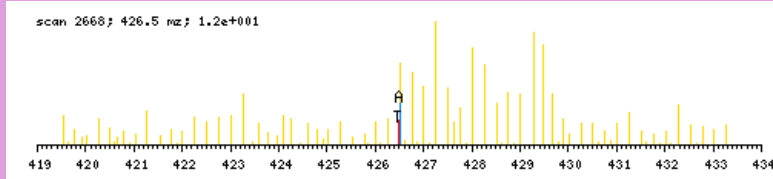
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
150.0978	1	D 15		
279.1404	2	E 14	1553.8440	777.4259
378.2089	3	V 13	1424.8014	712.9046
449.2460	4	A 12	1325.7330	663.3704
546.2987	5	P 11	1254.6959	627.8519
693.3671	6	F 10	1157.6431	579.3255
806.4512	7	L 9	1010.5747	505.7913
907.4989	8	T 8	897.4906	449.2492
978.5360	9	A 7	796.4430	398.7254
1106.5946	10	Q 6	725.4058	363.2068
1177.6317	11	A 5	597.3473	299.1775
1278.6794	12	T 4	526.3102	263.6590
1415.7383	13	H 3	425.2625	213.1352
1528.8223	14	L 2	288.2036	144.6057
	15	R 1	175.1195	88.0637

N-term:+35.07

DFCPMGLLAGDVAFPRR, MH+ 2013.0262, m/z 671.6802
 H OS G24 P150811 220811-s1.03844.03844.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

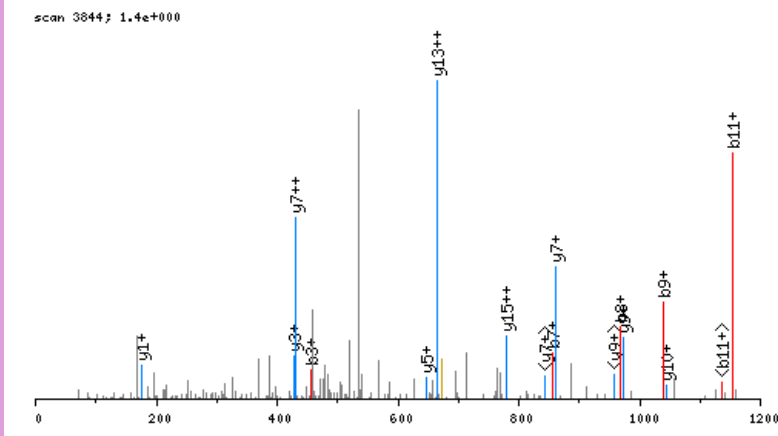
y + 2+ 3+

z + 2+ 3+

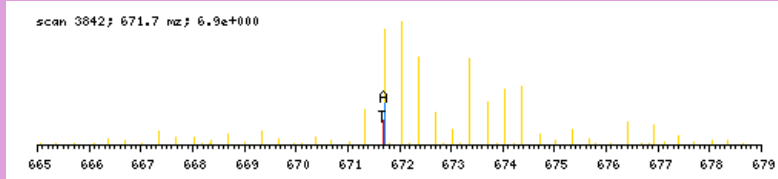
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
150.0978	1	D 18		
297.1663	2	F 17	1863.9362	932.4720
457.1969	3	C 16	1716.8677	858.9378
554.2496	4	P 15	1556.8371	778.9225
685.2901	5	M 14	1459.7844	730.3961
742.3116	6	G 13	1328.7439	664.8759
855.3956	7	L 12	1271.7224	636.3651
968.4797	8	L 11	1158.6384	579.8231
1039.5168	9	A 10	1045.5543	523.2811
1096.5383	10	G 9	974.5172	487.7625
1153.5597	11	G 8	917.4957	459.2518
1268.5867	12	D 7	860.4743	430.7410
1367.6551	13	V 6	745.4473	373.2276
1438.6922	14	A 5	646.3789	323.6934
1585.7606	15	F 4	575.3418	288.1748
1682.8134	16	P 3	428.2734	214.6406
1838.9145	17	R 2	331.2206	166.1142
	18	R 1	175.1195	88.0637

N-term:+35.07 C(3):+160.03

DFNPDADAKALR, MH+ 1388.7174, m/z 463.5773
 L OS G27 P150811 220811-s1.04555.04555.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

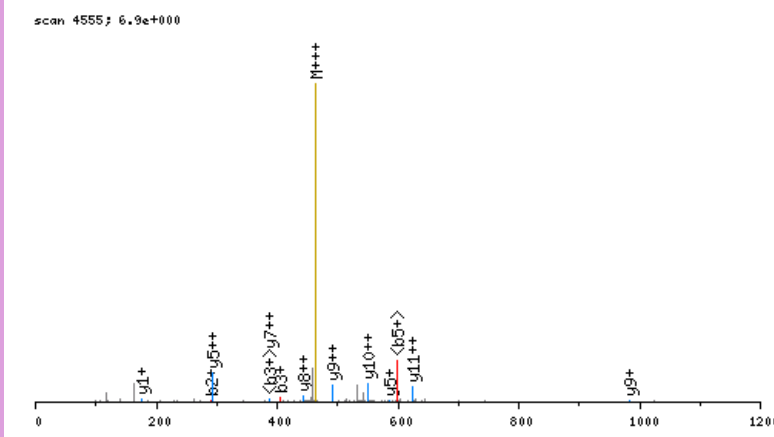
y + 2+ 3+

z + 2+ 3+

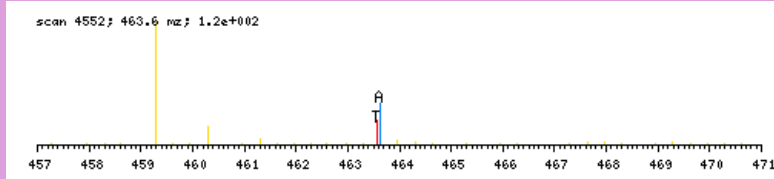
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 12		
291.1345	2	F 11	1245.6592	623.3335
405.1774	3	N 10	1098.5908	549.7993
502.2301	4	P 9	984.5479	492.7778
617.2571	5	D 8	887.4951	444.2515
688.2942	6	A 7	772.4681	386.7380
803.3211	7	D 6	701.4310	351.2194
874.3583	8	A 5	586.4041	293.7060
1030.4846	9	K 4	515.3670	258.1874
1101.5217	10	A 3	359.2407	180.1243
1214.6057	11	L 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+29.04 K(9):+156.13

DFSEGGQAVGAHR, MH+ 1301.6238, m/z 434.5461
 L OS G27 P150811 220811-s1.02895.02895.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

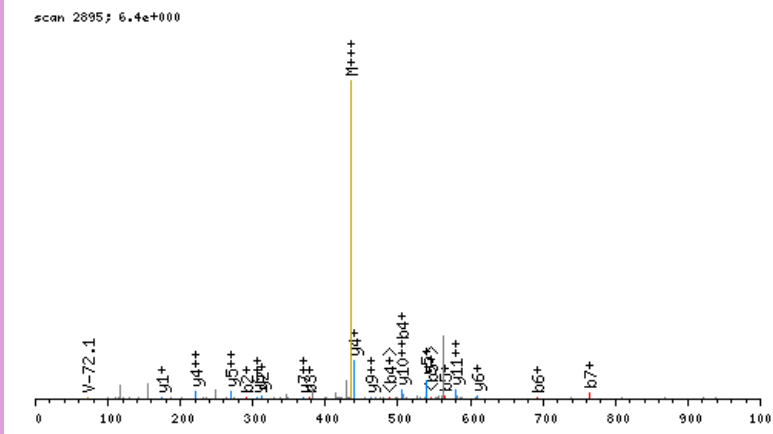
y + 2+ 3+

z + 2+ 3+

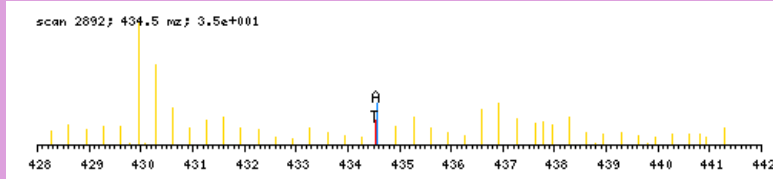
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 12		
291.1345	2	F 11	1158.5656	579.7867
378.1665	3	S 10	1011.4972	506.2525
507.2091	4	E 9	924.4652	462.7365
564.2305	5	G 8	795.4226	398.2152
692.2891	6	Q 7	738.4011	369.7045
763.3262	7	A 6	610.3425	305.6752
862.3946	8	V 5	539.3054	270.1566
919.4161	9	G 4	440.2370	220.6224
990.4532	10	A 3	383.2155	192.1117
1127.5121	11	H 2	312.1784	156.5931
	12	R 1	175.1195	88.0637

N-term:+29.04

DGDKLVVECVMKGVSTTR, MH+ 2078.0990, m/z 520.2802
 L OS G27 P150811 220811-s1.06603.06603.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

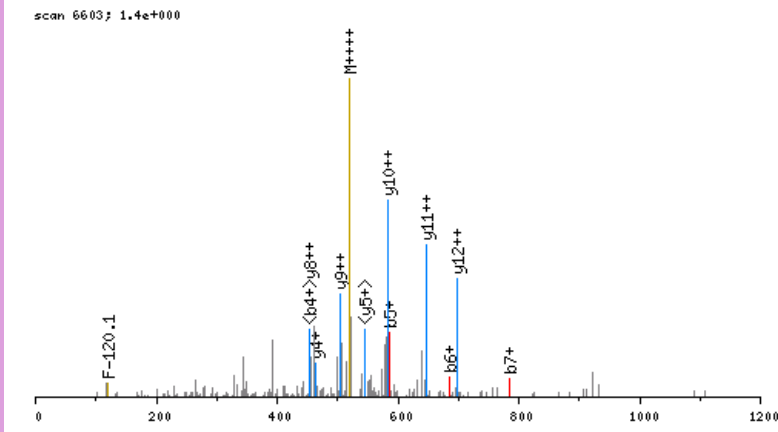
y + 2+ 3+

z + 2+ 3+

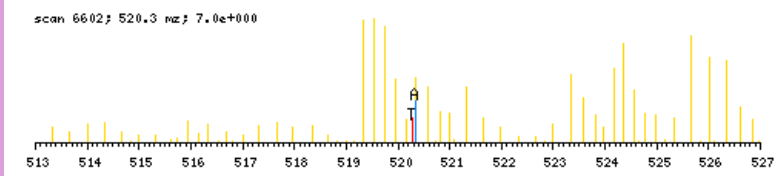
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



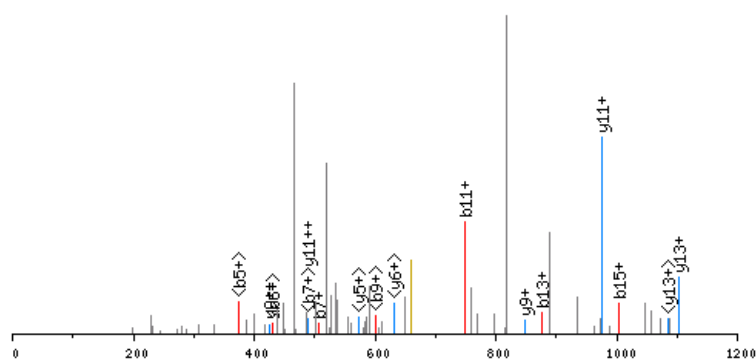
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
144.0660	1	D	18		
201.0875	2	G	17	1935.0408	968.0243
316.1144	3	D	16	1878.0193	939.5136
472.2407	4	K	15	1762.9923	882.0001
585.3248	5	L	14	1606.8660	803.9369
684.3932	6	V	13	1493.7820	747.3949
783.4616	7	V	12	1394.7136	697.8607
912.5042	8	E	11	1295.6452	648.3265
1072.5348	9	C	10	1166.6026	583.8052
1171.6032	10	V	9	1006.5720	503.7899
1302.6437	11	M	8	907.5035	454.2557
1458.7700	12	K	7	776.4631	388.7354
1515.7915	13	G	6	620.3368	310.6723
1614.8599	14	V	5	563.3153	282.1616
1715.9076	15	T	4	464.2469	232.6274
1802.9396	16	S	3	363.1992	182.1035
1903.9873	17	T	2	276.1672	138.5875
	18	R	1	175.1195	88.0637

N-term: +29.04 K(4): +156.13
 C(9): +160.03 K(12): +156.13

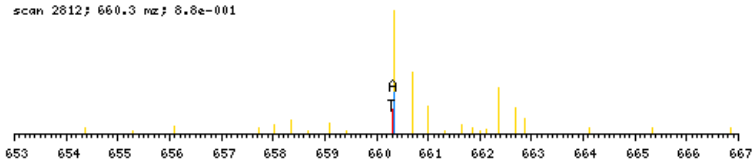
DGGGAGGGGAGGAGAAGAAGGPDFR, MH+ 1978.9179, m/z 660.3108
 H OS G24 P150811 220811-s1.02813.02813.3.dta

scan 2813; 5.0e-001



click image to zoom in; click top corners to zoom out [precursor±]

scan 2812; 660.3 m/z; 8.8e-001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
150.0978	1	D 26		
207.1193	2	G 25	1829.8279	915.4179
264.1408	3	G 24	1772.8064	886.9071
321.1622	4	G 23	1715.7850	858.3964
392.1993	5	A 22	1658.7635	829.8857
449.2208	6	G 21	1587.7264	794.3671
506.2423	7	G 20	1530.7049	765.8564
563.2637	8	G 19	1473.6835	737.3457
620.2852	9	G 18	1416.6620	708.8349
691.3223	10	A 17	1359.6406	680.3242
748.3438	11	G 16	1288.6034	644.8056
805.3652	12	G 15	1231.5820	616.2949
876.4024	13	A 14	1174.5605	587.7842
933.4238	14	G 13	1103.5234	552.2656
1004.4609	15	A 12	1046.5019	523.7549
1075.4980	16	A 11	975.4648	488.2363
1132.5195	17	G 10	904.4277	452.7178
1203.5566	18	A 9	847.4062	424.2070
1274.5937	19	A 8	776.3691	388.6885
1331.6152	20	G 7	705.3320	353.1699
1388.6367	21	G 6	648.3105	324.6592
1445.6581	22	G 5	591.2891	296.1485
1542.7109	23	P 4	534.2676	267.6377
1657.7378	24	D 3	437.2149	219.1113
1804.8063	25	F 2	322.1879	161.5979
	26	R 1	175.1195	88.0637

N-term:+35.07

DGSFLELFKR, MH+ 1267.7051, m/z 423.2399
 L OS G27 P150811 220811-s1.07244.07244.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

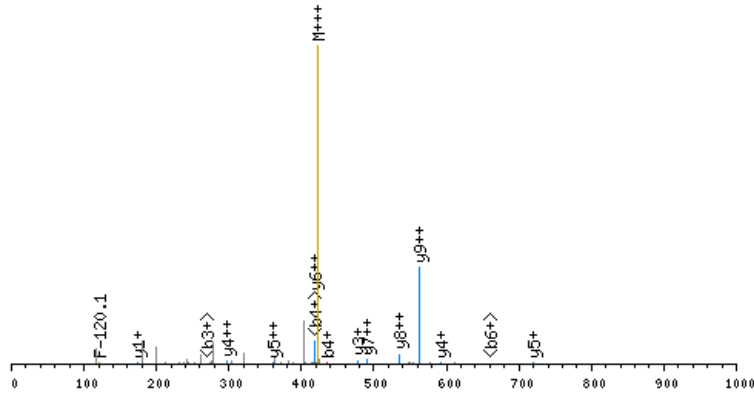
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

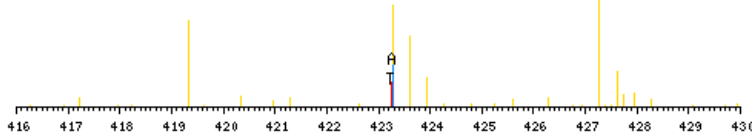
GO

scan 7244; 8.5e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 7240; 423.2 m/z; 2.5e+000



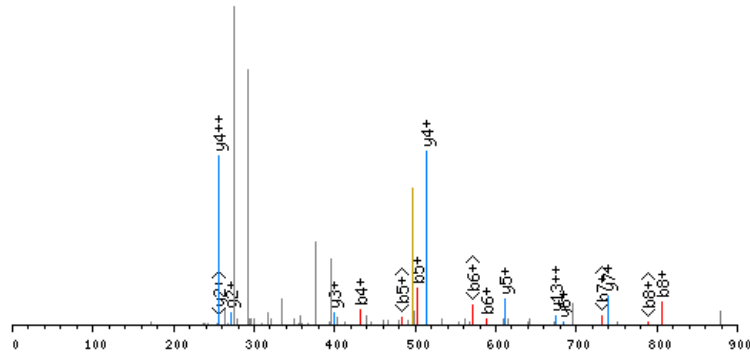
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 10		
201.0875	2	G 9	1124.6468	562.8273
288.1195	3	S 8	1067.6254	534.3166
435.1879	4	F 7	980.5933	490.8006
548.2720	5	L 6	833.5249	417.2664
677.3146	6	E 5	720.4409	360.7243
790.3987	7	L 4	591.3983	296.2031
937.4671	8	F 3	478.3142	239.6610
1093.5934	9	K 2	331.2458	166.1268
	10	R 1	175.1195	88.0637

N-term:+29.04 K(9):+156.13

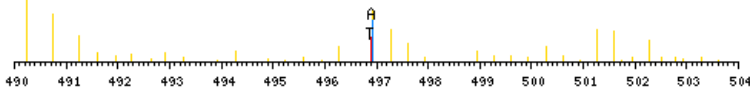
DGTEASCGAVIQPR, MH+ 1488.7116, m/z 496.9087
 L OS G24 P150811 220811-s1.02730.02730.3.dta

scan 2730; 1.0e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2729; 496.9 m/z; 2.0e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 14		
201.0875	2	G 13	1345.6534	673.3306
302.1352	3	T 12	1288.6319	644.8199
431.1778	4	E 11	1187.5842	594.2960
502.2149	5	A 10	1058.5416	529.7747
589.2469	6	S 9	987.5045	494.2562
749.2775	7	C 8	900.4725	450.7402
806.2990	8	G 7	740.4419	370.7249
877.3361	9	A 6	683.4204	342.2141
976.4045	10	V 5	612.3833	306.6956
1089.4886	11	I 4	513.3149	257.1614
1217.5472	12	Q 3	400.2308	200.6193
1314.5999	13	P 2	272.1723	136.5900
	14	R 1	175.1195	88.0637

N-term:+29.04 C(7):+160.03

DHASIQMNVAEVDR, MH+ 1612.7753, m/z 538.2633
 L OS G27 P150811 220811-s1.04506.04506.3.dta

scan 4506; 2.2e+000

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

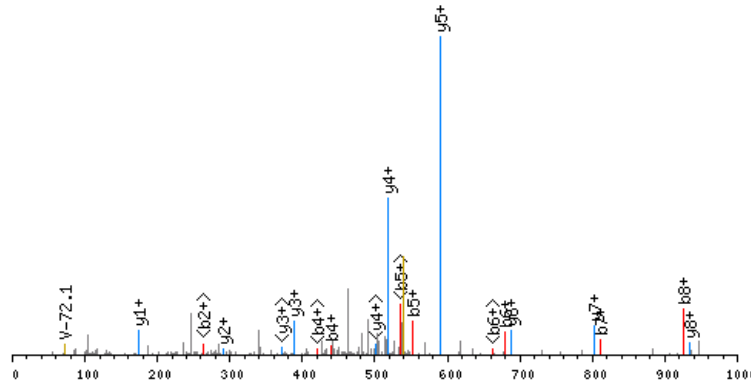
y + 2+ 3+

z + 2+ 3+

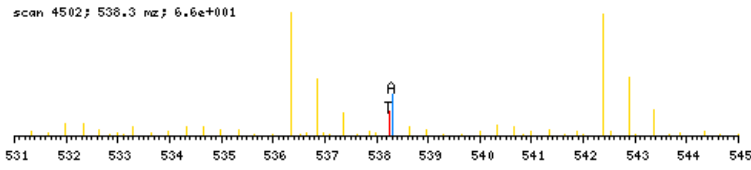
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 14		
281.1250	2	H 13	1469.7171	735.3625
352.1621	3	A 12	1332.6582	666.8330
439.1941	4	S 11	1261.6211	631.3144
552.2782	5	I 10	1174.5890	587.7984
680.3367	6	Q 9	1061.5050	531.2564
811.3772	7	M 8	933.4464	467.2271
925.4202	8	N 7	802.4059	401.7069
1024.4886	9	V 6	688.3630	344.6854
1095.5257	10	A 5	589.2946	295.1512
1224.5683	11	E 4	518.2575	259.6326
1323.6367	12	V 3	389.2149	195.1113
1438.6636	13	D 2	290.1464	145.5771
	14	R 1	175.1195	88.0637

N-term:+29.04

DIALAPMEAAKVR, MH+ 1440.8249, m/z 480.9465
 L OS G26 P150811 220811-s1.04803.04803.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

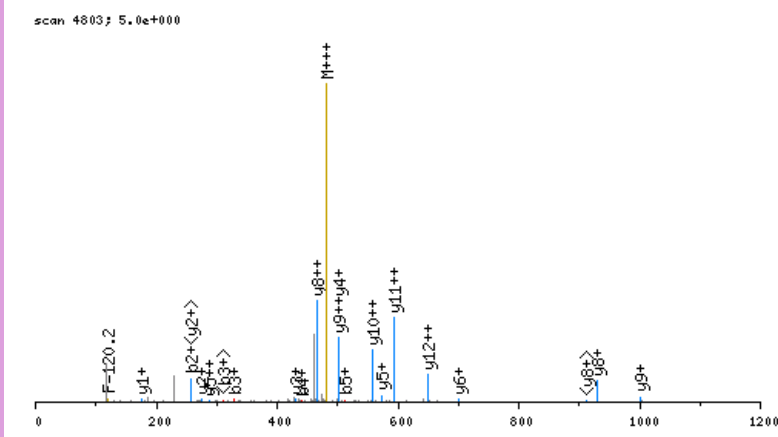
y + 2+ 3+

z + 2+ 3+

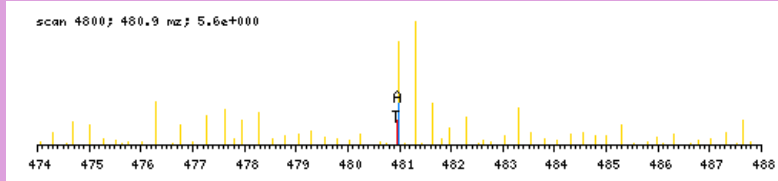
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D	13	
257.1501	2	I	12	1297.7666 649.3872
328.1872	3	A	11	1184.6826 592.8452
441.2713	4	L	10	1113.6455 557.3266
512.3084	5	A	9	1000.5614 500.7846
609.3612	6	P	8	929.5243 465.2661
740.4016	7	M	7	832.4715 416.7397
869.4442	8	E	6	701.4310 351.2194
940.4814	9	A	5	572.3884 286.6981
1011.5185	10	A	4	501.3513 251.1796
1167.6448	11	K	3	430.3142 215.6610
1266.7132	12	V	2	274.1879 137.5979
	13	R	1	175.1195 88.0637

N-term:+29.04 K(11):+156.13

DIDLPEFDAR, MH+ 1319.6483, m/z 660.3278
 L OS G24 P150811 220811-s1.04306.04306.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

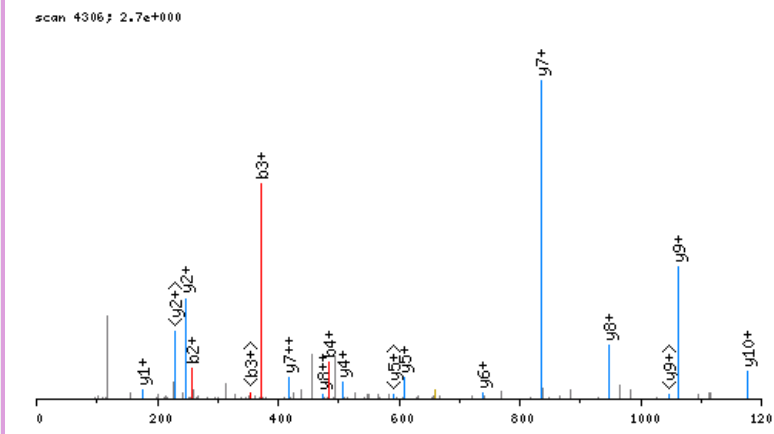
y + 2+ 3+

z + 2+ 3+

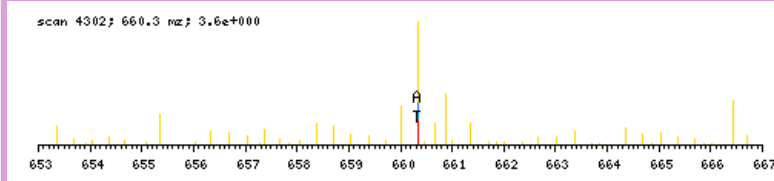
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 11		
257.1501	2	I 10	1176.5901	588.7990
372.1771	3	D 9	1063.5060	532.2569
485.2611	4	L 8	948.4791	474.7434
582.3139	5	P 7	835.3950	418.2014
711.3565	6	E 6	738.3422	369.6750
812.4041	7	T 5	609.2997	305.1537
959.4726	8	F 4	508.2520	254.6299
1074.4995	9	D 3	361.1836	181.0957
1145.5366	10	A 2	246.1566	123.5822
	11	R 1	175.1195	88.0637

N-term:+29.04

DIKMTQSPSSMYASLGER, MH+ 2057.0047, m/z 686.3398
 L OS G26 P150811 220811-s1.05172.05172.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

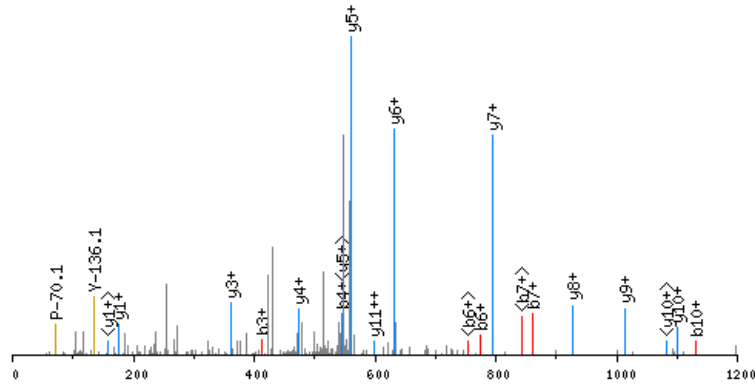
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

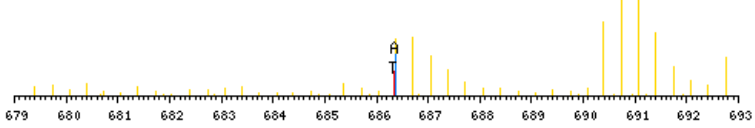
GO

scan 5172; 1.5e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5170; 686.3 m/z; 2.3e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 18		
257.1501	2	I 17	1913.9465	957.4772
413.2764	3	K 16	1800.8625	900.9351
544.3169	4	M 15	1644.7362	822.8720
645.3646	5	T 14	1513.6957	757.3518
773.4231	6	Q 13	1412.6480	706.8279
860.4552	7	S 12	1284.5894	642.7986
957.5079	8	P 11	1197.5574	599.2826
1044.5400	9	S 10	1100.5046	550.7562
1131.5720	10	S 9	1013.4726	507.2402
1262.6125	11	M 8	926.4406	463.7242
1425.6758	12	Y 7	795.4001	398.2040
1496.7129	13	A 6	632.3368	316.6723
1583.7450	14	S 5	561.2997	281.1537
1696.8290	15	L 4	474.2676	237.6377
1753.8505	16	G 3	361.1836	181.0957
1882.8931	17	E 2	304.1621	152.5850
	18	R 1	175.1195	88.0637

N-term:+29.04 K(3):+156.13

DILLTQSPAILSVSPGER, MH+ 1924.0755, m/z 642.0300
 L OS G24 P150811 220811-s1.04826.04826.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

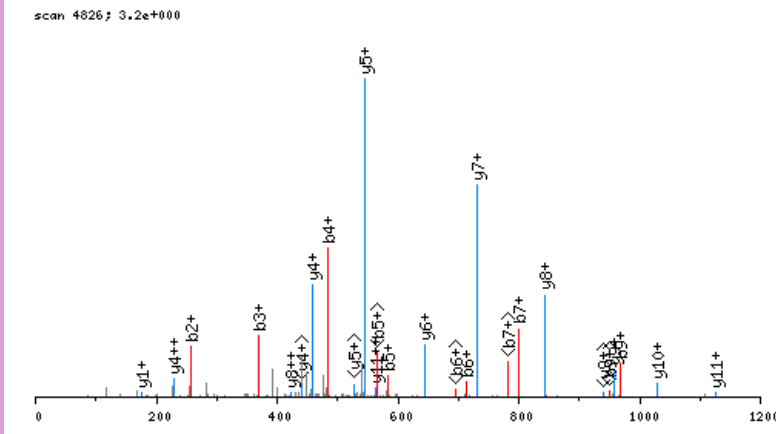
y + 2+ 3+

z + 2+ 3+

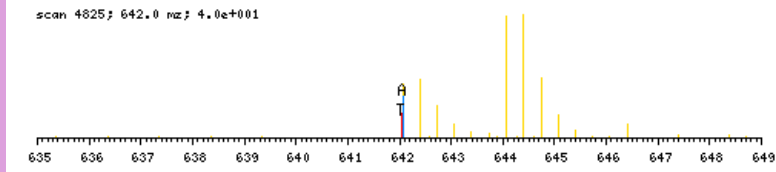
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



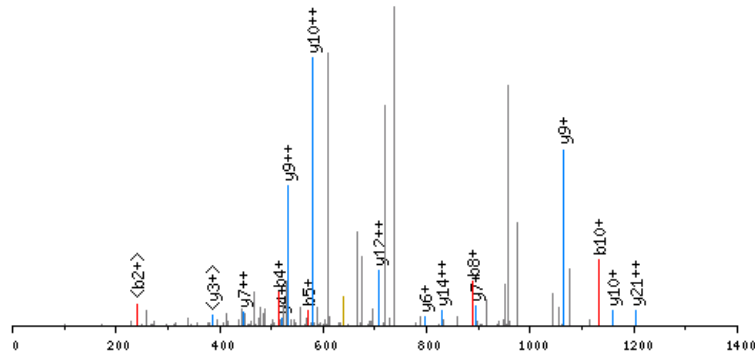
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 18		
257.1501	2	I 17	1781.0173	891.0125
370.2342	3	L 16	1667.9332	834.4705
483.3182	4	L 15	1554.8491	777.9285
584.3659	5	T 14	1441.7651	721.3865
712.4245	6	Q 13	1340.7174	670.8626
799.4565	7	S 12	1212.6588	606.8333
896.5093	8	P 11	1125.6268	563.3173
967.5464	9	A 10	1028.5740	514.7909
1080.6305	10	I 9	957.5369	479.2724
1193.7145	11	L 8	844.4529	422.7303
1280.7466	12	S 7	731.3688	366.1883
1379.8150	13	V 6	644.3368	322.6723
1466.8470	14	S 5	545.2683	273.1381
1563.8998	15	P 4	458.2363	229.6221
1620.9212	16	G 3	361.1836	181.0957
1749.9638	17	E 2	304.1621	152.5850
	18	R 1	175.1195	88.0637

N-term:+29.04

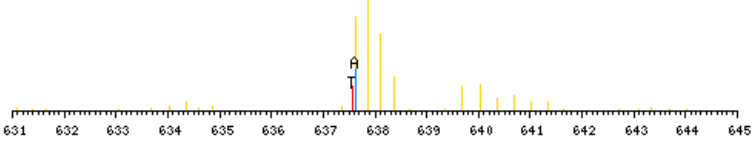
DIQEGADMLMVKPGLPYLDMVR, MH+ 2547.3025, m/z 637.5811
 L OS G26 P150811 220811-s1.02086.02086.4.dta

scan 2086; 1.8e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 2084; 637.6 mz; 3.2e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 22		
257.1501	2	I 21	2404.2443	1202.6261
385.2087	3	Q 20	2291.1602	1146.0840
514.2513	4	E 19	2163.1017	1082.0547
571.2727	5	G 18	2034.0591	1017.5334
642.3099	6	A 17	1977.0376	989.0227
757.3368	7	D 16	1906.0005	953.5042
888.3773	8	M 15	1790.9735	895.9907
1001.4613	9	L 14	1659.9331	830.4704
1132.5018	10	M 13	1546.8490	773.9284
1231.5702	11	V 12	1415.8085	708.4082
1387.6965	12	K 11	1316.7401	658.8740
1484.7493	13	P 10	1160.6138	580.8108
1541.7708	14	G 9	1063.5610	532.2844
1654.8548	15	L 8	1006.5396	503.7737
1751.9076	16	P 7	893.4555	447.2317
1914.9709	17	Y 6	796.4027	398.7053
2028.0550	18	L 5	633.3394	317.1736
2143.0819	19	D 4	520.2553	260.6316
2274.1224	20	M 3	405.2284	203.1181
2373.1908	21	V 2	274.1879	137.5979
	22	R 1	175.1195	88.0637

N-term:+29.04 K(12):+156.13

DIQMTQSPSSLSASLGER, MH+ 1934.9493, m/z 645.6546
 L OS G24 P150811 220811-s1.04033.04033.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

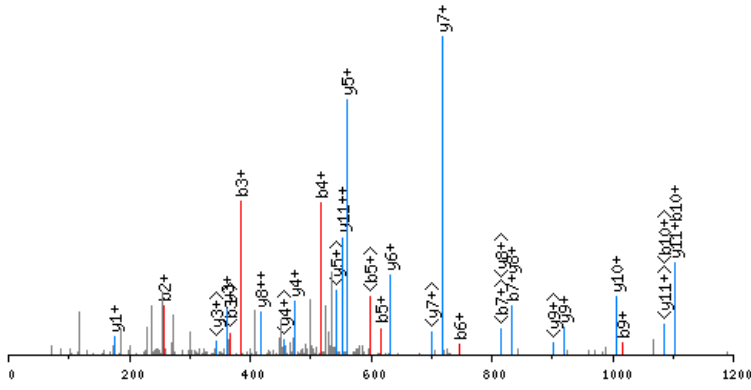
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

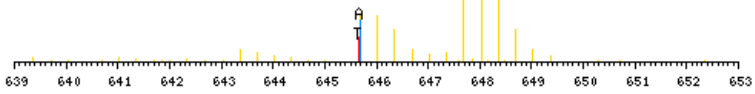
GO

scan 4033; 1.6e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4032; 645.7 m/z; 2.1e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 18		
257.1501	2	I 17	1791.8911	896.4495
385.2087	3	Q 16	1678.8070	839.9074
516.2492	4	M 15	1550.7484	775.8781
617.2968	5	T 14	1419.7080	710.3579
745.3554	6	Q 13	1318.6603	659.8341
832.3875	7	S 12	1190.6017	595.8048
929.4402	8	P 11	1103.5697	552.2888
1016.4722	9	S 10	1006.5169	503.7624
1103.5043	10	S 9	919.4849	460.2464
1216.5883	11	L 8	832.4529	416.7303
1303.6204	12	S 7	719.3688	360.1883
1374.6575	13	A 6	632.3368	316.6723
1461.6895	14	S 5	561.2997	281.1537
1574.7736	15	L 4	474.2676	237.6377
1631.7950	16	G 3	361.1836	181.0957
1760.8376	17	E 2	304.1621	152.5850
	18	R 1	175.1195	88.0637

N-term:+29.04

DISMEACCTDGNQMANQHR, MH+ 2265.9108, m/z 567.2332
 L OS G26 P150811 220811-s1.03123.03123.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

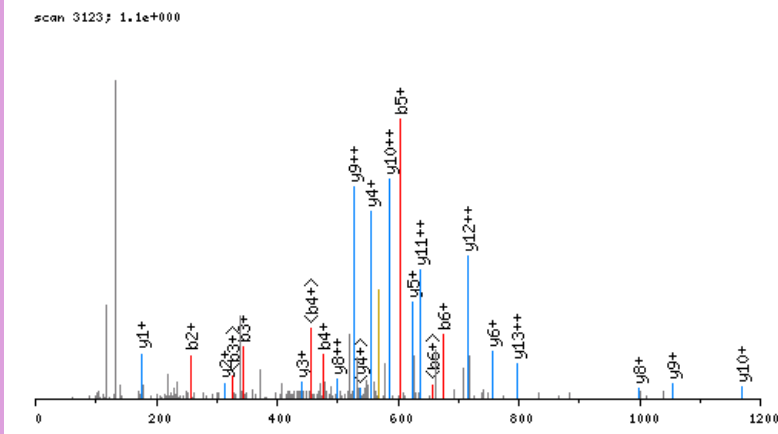
y + 2+ 3+

z + 2+ 3+

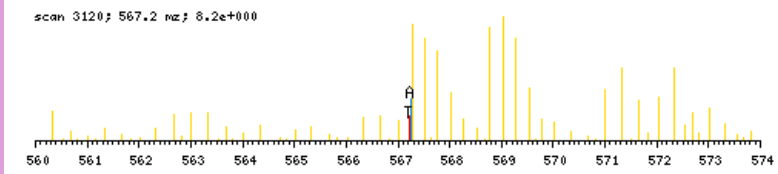
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



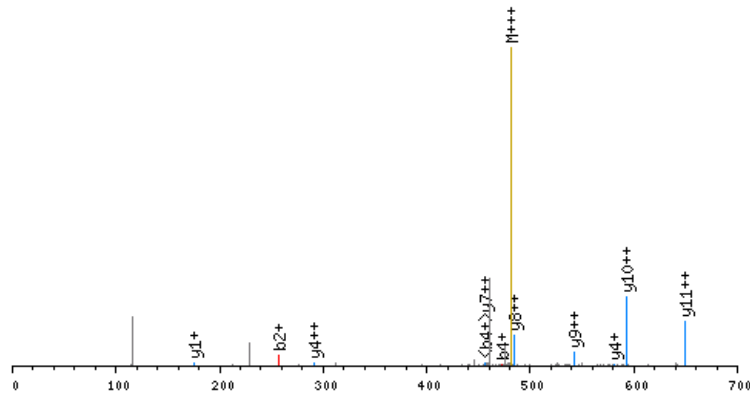
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
144.0660	1	D	19		
257.1501	2	I	18	2122.8526	1061.9302
344.1821	3	S	17	2009.7685	1005.3882
475.2226	4	M	16	1922.7365	961.8722
604.2652	5	E	15	1791.6960	896.3519
675.3023	6	A	14	1662.6534	831.8306
835.3329	7	C	13	1591.6163	796.3121
995.3635	8	C	12	1431.5857	716.2968
1096.4112	9	T	11	1271.5551	636.2815
1211.4381	10	D	10	1170.5074	585.7576
1268.4596	11	G	9	1055.4805	528.2442
1382.5025	12	N	8	998.4590	499.7334
1510.5611	13	Q	7	884.4161	442.7120
1641.6016	14	M	6	756.3575	378.6827
1712.6387	15	A	5	625.3170	313.1624
1826.6816	16	N	4	554.2799	277.6439
1954.7402	17	Q	3	440.2370	220.6224
2091.7991	18	H	2	312.1784	156.5931
	19	R	1	175.1195	88.0637

N-term:+29.04 C(7):+160.03
 C(8):+160.03

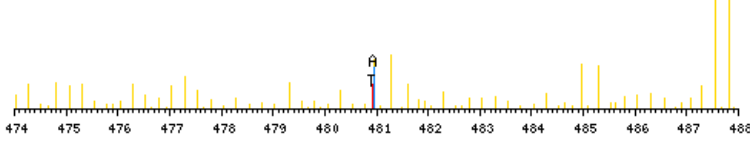
DITDGNSEHLKR, MH+ 1440.7447, m/z 480.9197
 L OS G28 P150811 220811-s1.02272.02272.3.dta

scan 2272; 6.6e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2268; 480.9 m/z; 9.8e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
144.0660	1	D	12		
257.1501	2	I	11	1297.6865	649.3472
358.1978	3	T	10	1184.6024	592.8051
473.2247	4	D	9	1083.5547	542.2813
530.2462	5	G	8	968.5278	484.7678
644.2891	6	N	7	911.5063	456.2571
731.3211	7	S	6	797.4634	399.2356
860.3637	8	E	5	710.4314	355.7196
997.4227	9	H	4	581.3888	291.1983
1110.5067	10	L	3	444.3299	222.6688
1266.6330	11	K	2	331.2458	166.1268
	12	R	1	175.1195	88.0637

N-term:+29.04 K(11):+156.13

DIVMTQSHKFMSTSVGDR, MH+ 2095.0316, m/z 524.5134
 L OS G28 P150811 220811-s1.05974.05974.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

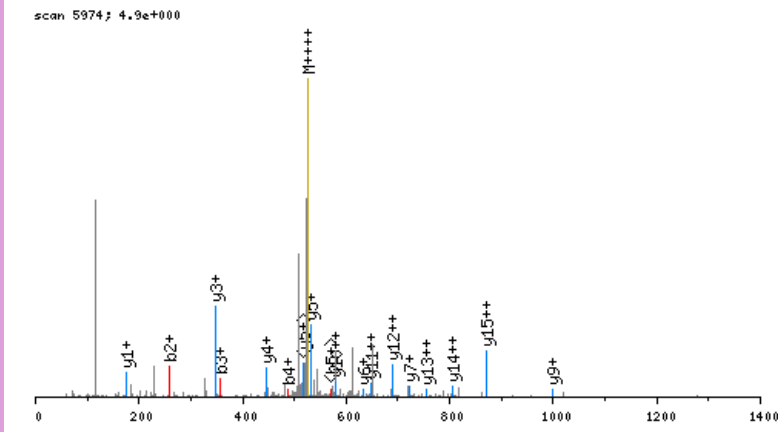
y + 2+ 3+

z + 2+ 3+

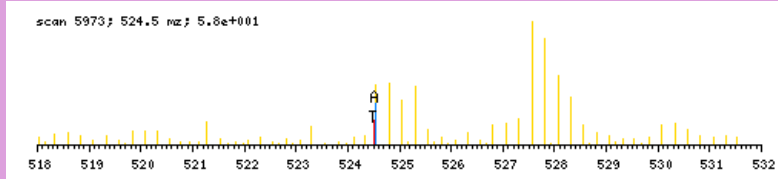
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 18		
257.1501	2	I 17	1951.9734	976.4906
356.2185	3	V 16	1838.8894	919.9486
487.2590	4	M 15	1739.8209	870.4144
588.3067	5	T 14	1608.7805	804.8941
716.3653	6	Q 13	1507.7328	754.3703
803.3973	7	S 12	1379.6742	690.3410
940.4562	8	H 11	1292.6422	646.8250
1096.5825	9	K 10	1155.5833	578.2955
1243.6509	10	F 9	999.4570	500.2324
1374.6914	11	M 8	852.3885	426.6982
1461.7234	12	S 7	721.3481	361.1779
1562.7711	13	T 6	634.3160	317.6619
1649.8031	14	S 5	533.2683	267.1381
1748.8715	15	V 4	446.2363	223.6221
1805.8930	16	G 3	347.1679	174.0879
1920.9200	17	D 2	290.1464	145.5771
	18	R 1	175.1195	88.0637

N-term:+29.04 K(9):+156.13

DKDTCFSTEGPNLVTR, MH+ 1895.9173, m/z 632.6439
 L OS G26 P150811 220811-s1.03846.03846.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

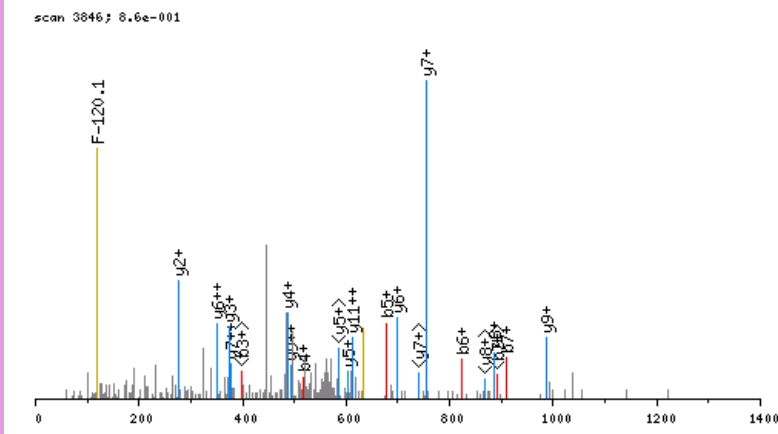
y + 2+ 3+

z + 2+ 3+

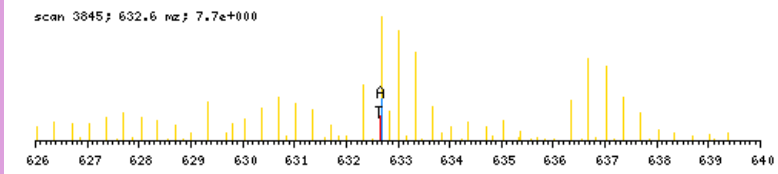
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
144.0660	1	D	16		
300.1923	2	K	15	1752.8590	876.9334
415.2193	3	D	14	1596.7327	798.8703
516.2670	4	T	13	1481.7058	741.3568
676.2976	5	C	12	1380.6581	690.8330
823.3660	6	F	11	1220.6275	610.8177
910.3980	7	S	10	1073.5591	537.2835
1011.4457	8	T	9	986.5271	493.7675
1140.4883	9	E	8	885.4794	443.2436
1197.5097	10	G	7	756.4368	378.7223
1294.5625	11	P	6	699.4153	350.2116
1408.6054	12	N	5	602.3626	301.6852
1521.6895	13	L	4	488.3197	244.6637
1620.7579	14	V	3	375.2356	188.1217
1721.8056	15	T	2	276.1672	138.5875
	16	R	1	175.1195	88.0637

N-term:+29.04 K(2):+156.13
 C(5):+160.03

DKPVSPLLTAAGMAR, MH+ 1582.8991, m/z 528.3045
 L OS G26 P150811 220811-s1.05114.05114.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

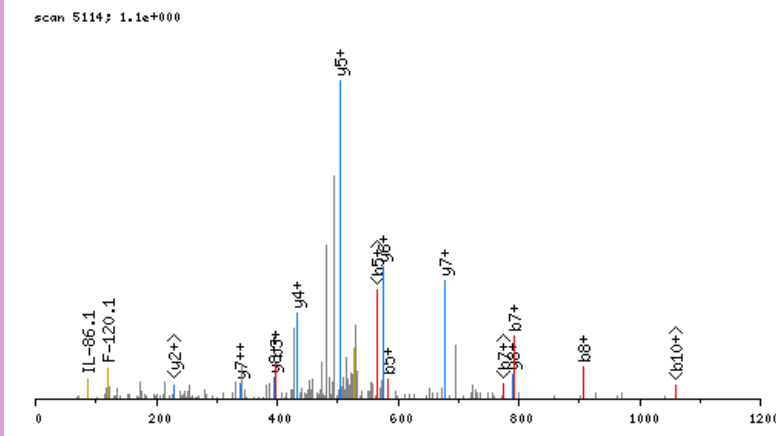
y + 2+ 3+

z + 2+ 3+

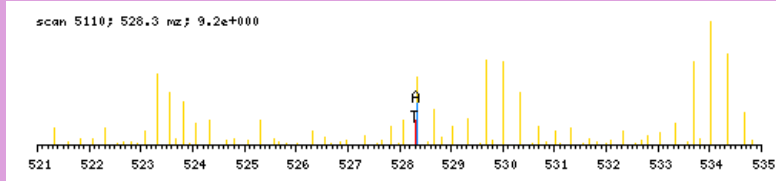
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 15		
300.1923	2	K 14	1439.8409	720.4243
397.2451	3	P 13	1283.7146	642.3612
496.3135	4	V 12	1186.6618	593.8348
583.3455	5	S 11	1087.5934	544.3006
680.3983	6	P 10	1000.5614	500.7846
793.4824	7	L 9	903.5086	452.2582
906.5664	8	L 8	790.4245	395.7162
1007.6141	9	T 7	677.3405	339.1741
1078.6512	10	A 6	576.2928	288.6503
1149.6883	11	A 5	505.2557	253.1318
1206.7098	12	G 4	434.2186	217.6132
1337.7503	13	M 3	377.1971	189.1025
1408.7874	14	A 2	246.1566	123.5822
	15	R 1	175.1195	88.0637

N-term:+29.04 K(2):+156.13

DLAKDITSDTSGDFR, MH+ 1696.8394, m/z 566.2846
 L OS G26 P150811 220811-s1.04909.04909.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

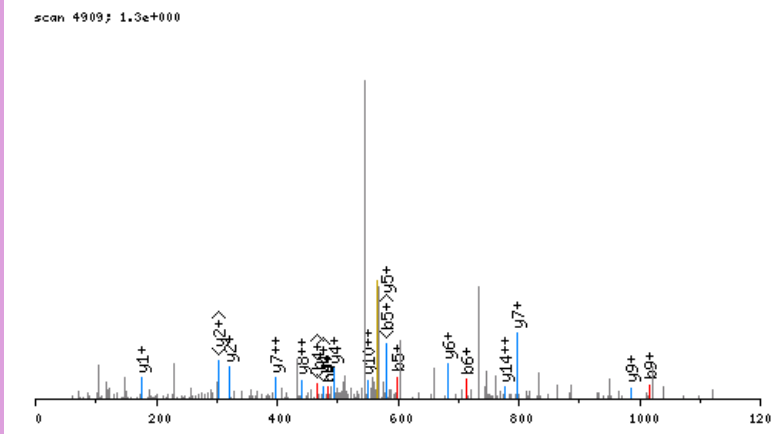
y + 2+ 3+

z + 2+ 3+

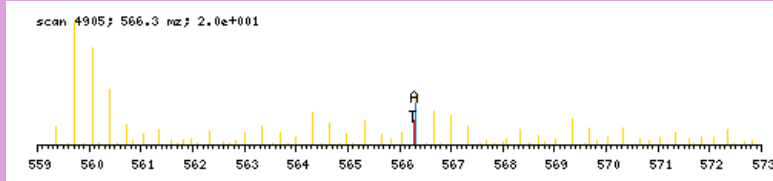
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 15		
257.1501	2	L 14	1553.7812	777.3945
328.1872	3	A 13	1440.6971	720.8525
484.3135	4	K 12	1369.6600	685.3339
599.3405	5	D 11	1213.5337	607.2708
712.4245	6	I 10	1098.5067	549.7573
813.4722	7	T 9	985.4227	493.2153
900.5042	8	S 8	884.3750	442.6914
1015.5312	9	D 7	797.3430	399.1754
1116.5789	10	T 6	682.3160	341.6619
1203.6109	11	S 5	581.2683	291.1381
1260.6323	12	G 4	494.2363	247.6221
1375.6593	13	D 3	437.2149	219.1113
1522.7277	14	F 2	322.1879	161.5979
	15	R 1	175.1195	88.0637

N-term:+29.04 K(4):+156.13

DLEPTVIDEVR, MH+ 1313.6952, m/z 657.3513
 L OS G24 P150811 220811-s1.03998.03998.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

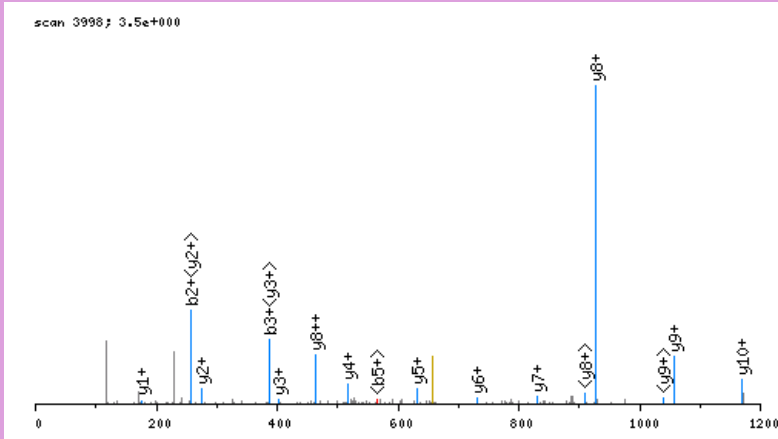
y + 2+ 3+

z + 2+ 3+

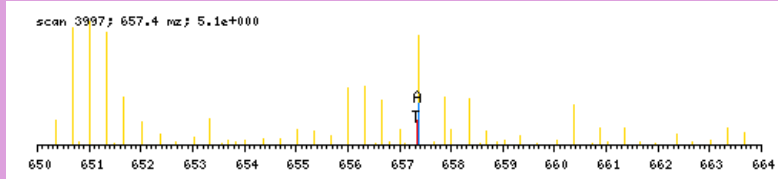
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

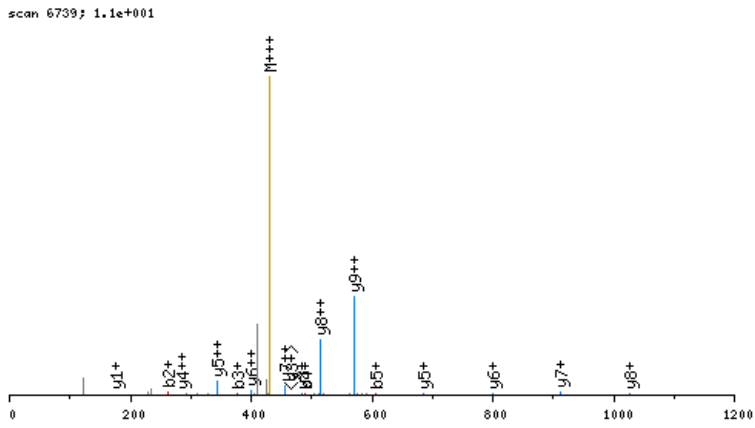


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

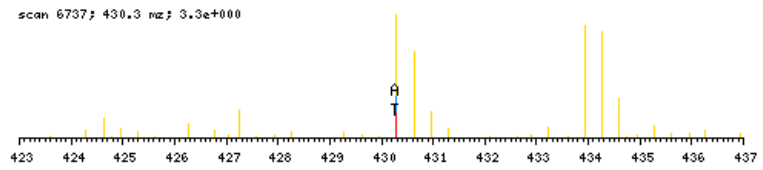
b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 11		
257.1501	2	L 10	1170.6370	585.8224
386.1927	3	E 9	1057.5530	529.2804
483.2455	4	P 8	928.5104	464.7591
584.2931	5	T 7	831.4576	416.2327
683.3616	6	V 6	730.4099	365.7089
796.4456	7	I 5	631.3415	316.1747
911.4726	8	D 4	518.2575	259.6326
1040.5152	9	E 3	403.2305	202.1192
1139.5836	10	V 2	274.1879	137.5979
	11	R 1	175.1195	88.0637

N-term:+29.04

DLNLDLSKFR, MH+ 1288.7901, m/z 430.2682
 H OS G27 P150811 220811-s1.06739.06739.3.dta



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
150.0978	1	D	10	
263.1819	2	L	9	1139.7001 570.3540
377.2248	3	N	8	1026.6160 513.8119
490.3089	4	L	7	912.5731 456.7905
605.3358	5	D	6	799.4891 400.2484
718.4199	6	L	5	684.4621 342.7350
805.4519	7	S	4	571.3780 286.1929
967.6100	8	K	3	484.3460 242.6769
1114.6784	9	F	2	322.1879 161.5979
	10	R	1	175.1195 88.0637

N-term:+35.07 K(8):+162.16

DLPCTPPPPAPIPSVR, MH+ 1741.9310, m/z 581.3152
 L OS G24 P150811 220811-s1.04114.04114.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

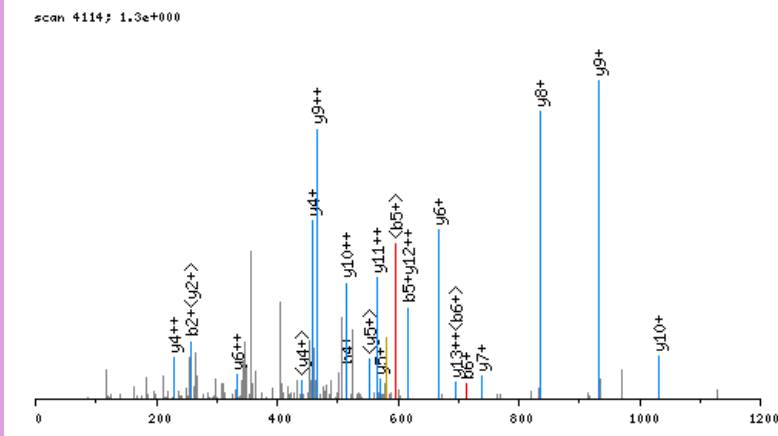
y + 2+ 3+

z + 2+ 3+

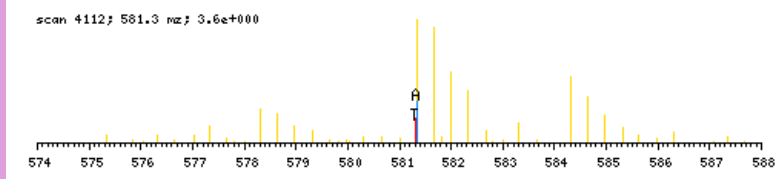
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



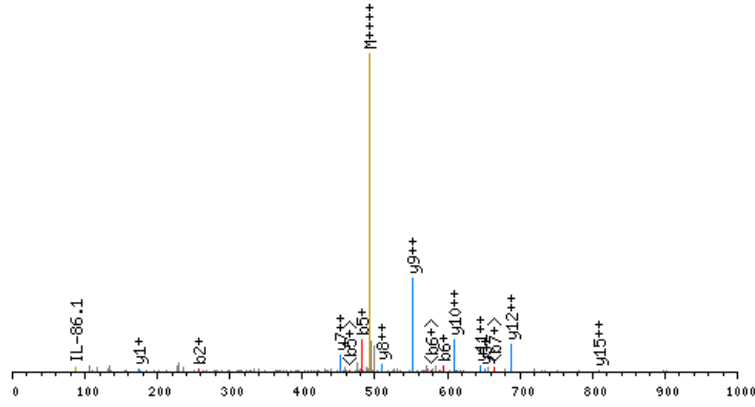
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 16		
257.1501	2	L 15	1598.8728	799.9403
354.2029	3	P 14	1485.7887	743.3983
514.2335	4	C 13	1388.7360	694.8719
615.2811	5	T 12	1228.7054	614.8566
712.3339	6	P 11	1127.6577	564.3328
809.3867	7	P 10	1030.6049	515.8064
906.4394	8	P 9	933.5522	467.2800
1003.4922	9	P 8	836.4994	418.7536
1074.5293	10	A 7	739.4466	370.2272
1171.5821	11	P 6	668.4095	334.7087
1284.6661	12	I 5	571.3568	286.1823
1381.7189	13	P 4	458.2727	229.6403
1468.7509	14	S 3	361.2199	181.1139
1567.8194	15	V 2	274.1879	137.5979
	16	R 1	175.1195	88.0637

N-term:+29.04 C(4):+160.03

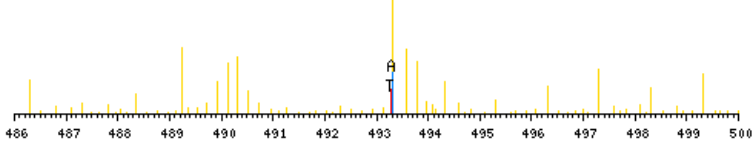
DLPGALSALSDLHAKLR, MH+ 1970.1187, m/z 493.2851
 L OS G28 P150811 220811-s1.08374.08374.4.dta

scan 8374; 5.3e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 8373; 493.3 m/z; 5.4e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 18		
257.1501	2	L 17	1827.0605	914.0342
354.2029	3	P 16	1713.9764	857.4921
411.2243	4	G 15	1616.9237	808.9658
482.2614	5	A 14	1559.9022	780.4550
595.3455	6	L 13	1488.8651	744.9365
682.3775	7	S 12	1375.7810	688.3944
753.4147	8	A 11	1288.7490	644.8784
866.4987	9	L 10	1217.7119	609.3599
953.5307	10	S 9	1104.6278	552.8178
1068.5577	11	D 8	1017.5958	509.3018
1181.6418	12	L 7	902.5689	451.7883
1318.7007	13	H 6	789.4848	395.2463
1389.7378	14	A 5	652.4259	326.7169
1526.7967	15	H 4	581.3888	291.1983
1682.9230	16	K 3	444.3299	222.6688
1796.0071	17	L 2	288.2036	144.6057
	18	R 1	175.1195	88.0637

N-term:+29.04 K(16):+156.13

DLSLEEIQKKLEAAEER, MH+ 2103.2398, m/z 526.5654
 H OS G28 P150811 220811-s1.08884.08884.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

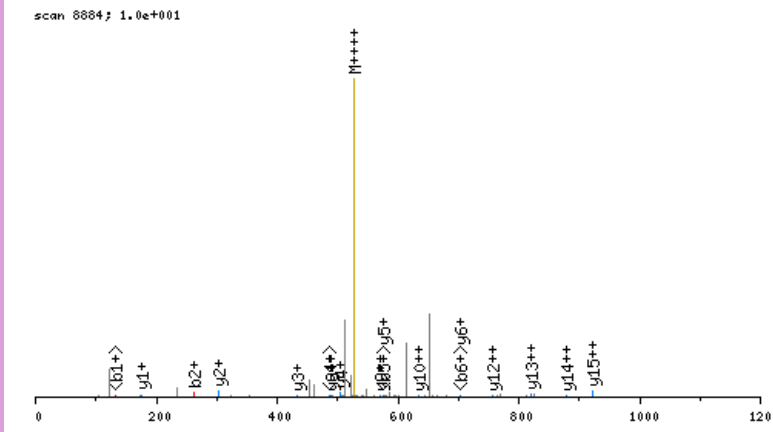
y + 2+ 3+

z + 2+ 3+

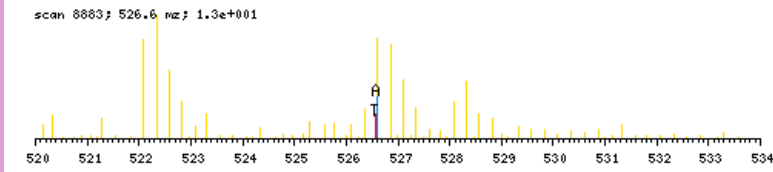
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
150.0978	1	D	17		
263.1819	2	L	16	1954.1498	977.5788
350.2139	3	S	15	1841.0657	921.0368
463.2980	4	L	14	1754.0337	877.5207
592.3406	5	E	13	1640.9496	820.9787
721.3832	6	E	12	1511.9070	756.4574
834.4672	7	I	11	1382.8644	691.9361
962.5258	8	Q	10	1269.7803	635.3941
1124.6839	9	K	9	1141.7218	571.3648
1286.8420	10	K	8	979.5637	490.2857
1399.9261	11	L	7	817.4056	409.2067
1528.9687	12	E	6	704.3215	352.6647
1600.0058	13	A	5	575.2789	288.1434
1671.0429	14	A	4	504.2418	252.6248
1800.0855	15	E	3	433.2047	217.1063
1929.1281	16	E	2	304.1621	152.5850
	17	R	1	175.1195	88.0637

N-term:+35.07 K(9):+162.16
 K(10):+162.16

DLSSSDLSTASK, MH+ 1266.6429, m/z 633.8251
 L OS G24 P150811 220811-s1.02858.02858.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

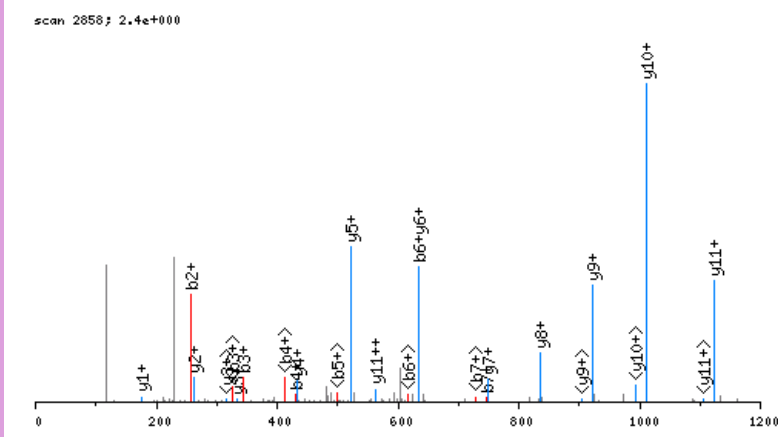
y + 2+ 3+

z + 2+ 3+

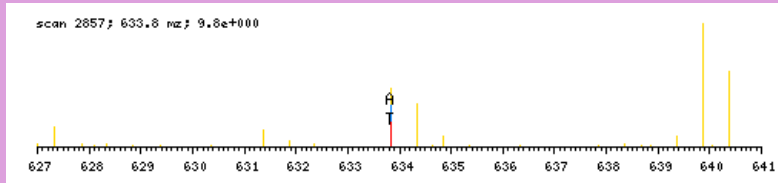
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 12		
257.1501	2	L 11	1123.5847	562.2963
344.1821	3	S 10	1010.5006	505.7542
431.2142	4	S 9	923.4686	462.2382
518.2462	5	S 8	836.4366	418.7222
633.2731	6	D 7	749.4045	375.2062
746.3572	7	L 6	634.3776	317.6927
833.3892	8	S 5	521.2935	261.1507
934.4369	9	T 4	434.2615	217.6347
1005.4740	10	A 3	333.2138	167.1108
1092.5060	11	S 2	262.1767	131.5923
	12	K 1	175.1447	88.0763

N-term:+29.04 K(12):+156.13

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

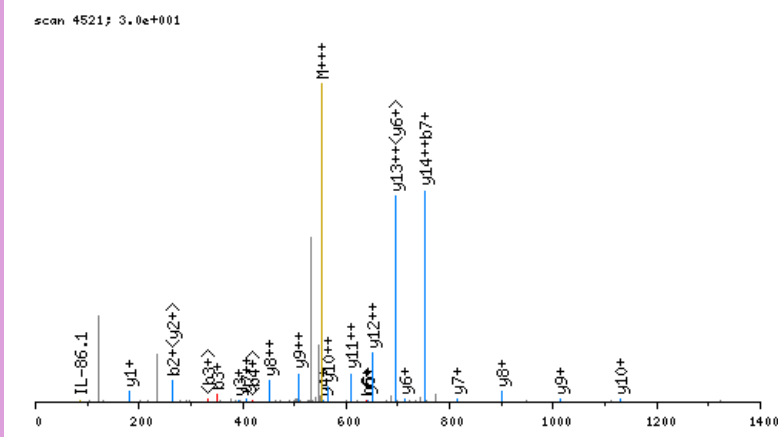
y + 2+ 3+

z + 2+ 3+

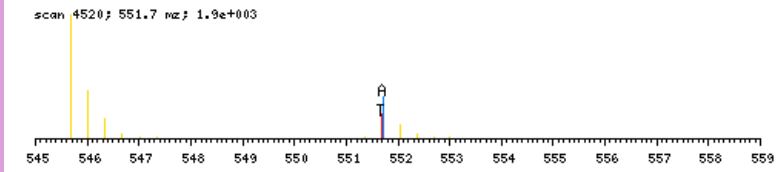
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



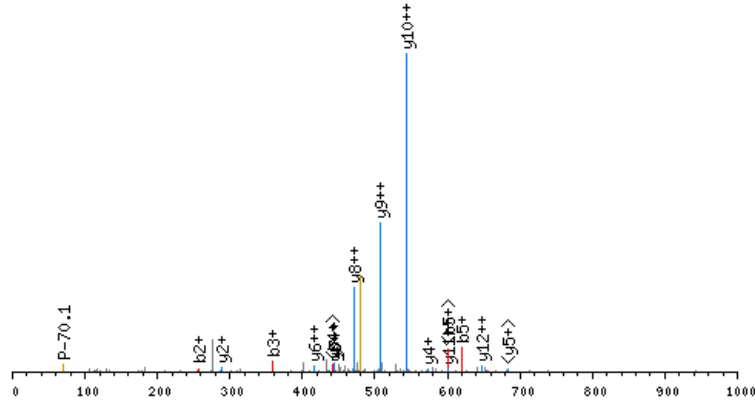
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
150.0978	1	D	15		
263.1819	2	L	14	1503.9271	752.4674
350.2139	3	S	13	1390.8430	695.9254
437.2460	4	S	12	1303.8110	652.4094
524.2780	5	S	11	1216.7790	608.8934
639.3049	6	D	10	1129.7469	565.3774
752.3890	7	L	9	1014.7200	507.8639
839.4210	8	S	8	901.6359	451.3219
940.4687	9	T	7	814.6039	407.8059
1011.5058	10	A	6	713.5562	357.2820
1098.5378	11	S	5	642.5191	321.7635
1260.6959	12	K	4	555.4871	278.2474
1373.7800	13	I	3	393.3290	197.1684
1472.8484	14	V	2	280.2449	140.6264
	15	K	1	181.1765	91.0922

N-term:+35.07 K(12):+162.16
 K(15):+162.16

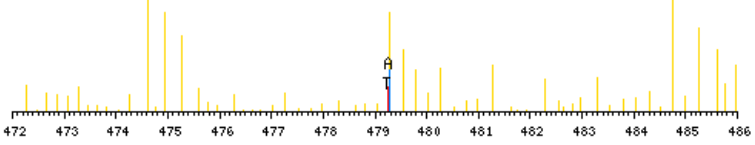
DLTTCPPLAAGGQEKLR, MH+ 1914.0118, m/z 479.2584
 L OS G26 P150811 220811-s1.04053.04053.4.dta

scan 4053; 5.7e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4050; 479.3 m/z; 9.0e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
144.0660	1	D	17		
257.1501	2	L	16	1770.9536	885.9807
358.1978	3	T	15	1657.8696	829.4387
459.2455	4	T	14	1556.8219	778.9148
619.2761	5	C	13	1455.7742	728.3910
716.3288	6	P	12	1295.7436	648.3757
829.4129	7	L	11	1198.6908	599.8493
900.4500	8	A	10	1085.6068	543.3073
971.4871	9	A	9	1014.5697	507.7887
1028.5086	10	G	8	943.5325	472.2702
1085.5300	11	G	7	886.5111	443.7595
1213.5886	12	Q	6	829.4896	415.2487
1341.6472	13	Q	5	701.4310	351.2194
1470.6898	14	E	4	573.3725	287.1901
1626.8161	15	K	3	444.3299	222.6688
1739.9002	16	L	2	288.2036	144.6057
	17	R	1	175.1195	88.0637

N-term: +29.04 C(5): +160.03
 K(15): +156.13

DLVSSKMFEELKNR, MH+ 1779.9679, m/z 445.7474
 L OS G28 P150811 220811-s1.07659.07659.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

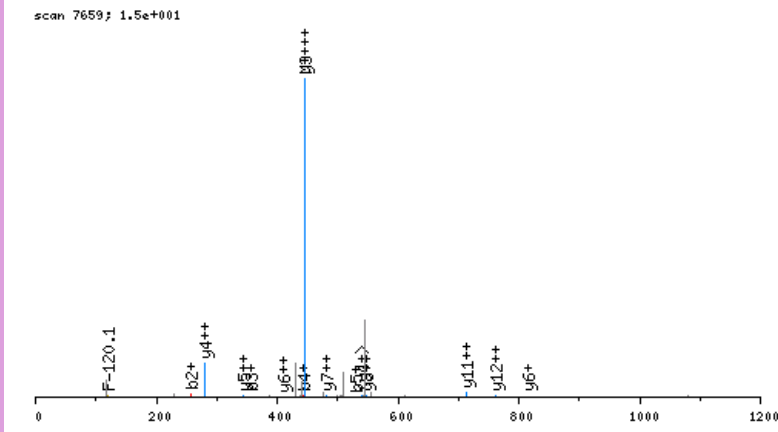
y + 2+ 3+

z + 2+ 3+

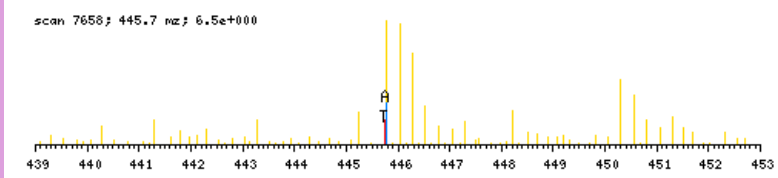
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D	14	
257.1501	2	L	13	1636.9097 818.9588
356.2185	3	V	12	1523.8256 762.4167
443.2505	4	S	11	1424.7572 712.8825
530.2826	5	S	10	1337.7252 669.3665
686.4089	6	K	9	1250.6932 625.8505
817.4494	7	M	8	1094.5669 547.7874
964.5178	8	F	7	963.5264 482.2671
1093.5604	9	E	6	816.4580 408.7329
1222.6030	10	E	5	687.4154 344.2116
1335.6870	11	L	4	558.3728 279.6903
1491.8133	12	K	3	445.2887 223.1483
1605.8563	13	N	2	289.1624 145.0851
	14	R	1	175.1195 88.0637

N-term:+29.04 K(6):+156.13
 K(12):+156.13

DLYANNMSGGTTMYPGIADR, MH+ 2274.0535, m/z 758.6893
 L OS G24 P150811 220811-s1.04528.04528.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

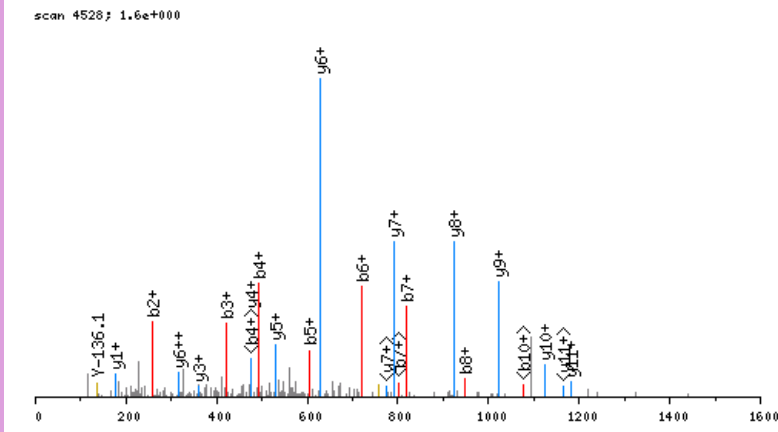
y + 2+ 3+

z + 2+ 3+

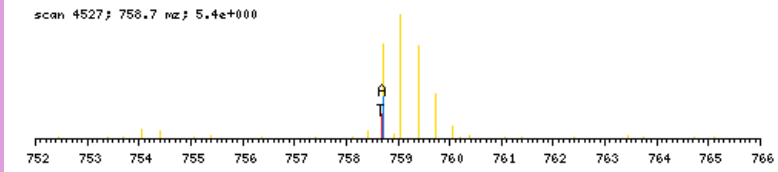
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]

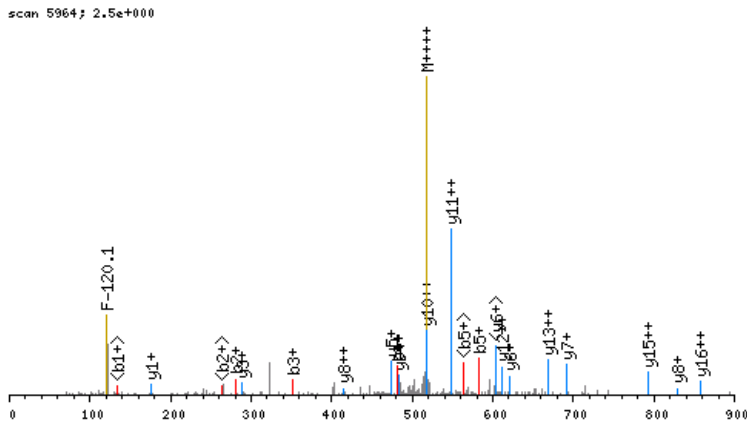


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

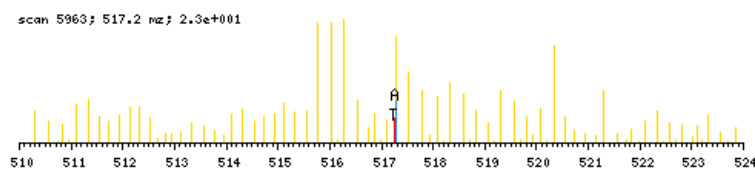
b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 21		
257.1501	2	L 20	2130.9952	1066.0015
420.2134	3	Y 19	2017.9112	1009.4595
491.2505	4	A 18	1854.8478	927.9278
605.2935	5	N 17	1783.8107	892.4093
719.3364	6	N 16	1669.7678	835.3878
818.4048	7	V 15	1555.7249	778.3663
949.4453	8	M 14	1456.6565	728.8321
1036.4773	9	S 13	1325.6160	663.3119
1093.4988	10	G 12	1238.5839	619.7959
1150.5203	11	G 11	1181.5625	591.2852
1251.5679	12	T 10	1124.5410	562.7744
1352.6156	13	T 9	1023.4933	512.2506
1483.6561	14	M 8	922.4457	461.7267
1646.7194	15	Y 7	791.4052	396.2065
1743.7722	16	P 6	628.3418	314.6748
1800.7937	17	G 5	531.2891	266.1485
1913.8777	18	I 4	474.2676	237.6377
1984.9148	19	A 3	361.1836	181.0957
2099.9418	20	D 2	290.1464	145.5771
	21	R 1	175.1195	88.0637

N-term:+29.04

DMAETFDQGAHHAFGQGGGR, MH+ 2065.9362, m/z 517.2395
 H OS G28 P150811 220811-s1.05964.05964.4.dta



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range: -

MassTol: Y-zoom:

MassType: AVG MONO

Axis: 1 2

Label: I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

b ⁺	#	AA #	y ⁺	y ²⁺
150.0978	1	D 19		
281.1383	2	M 18	1916.8462	958.9270
352.1754	3	A 17	1785.8057	893.4068
481.2180	4	E 16	1714.7686	857.8882
582.2657	5	T 15	1585.7260	793.3669
729.3341	6	F 14	1484.6783	742.8431
844.3611	7	D 13	1337.6099	669.3089
972.4196	8	Q 12	1222.5830	611.7954
1029.4411	9	G 11	1094.5244	547.7661
1100.4782	10	A 10	1037.5029	519.2554
1237.5371	11	H 9	966.4658	483.7368
1374.5960	12	H 8	829.4069	415.2074
1445.6332	13	A 7	692.3480	346.6779
1592.7016	14	F 6	621.3109	311.1594
1649.7230	15	G 5	474.2425	237.6251
1777.7816	16	Q 4	417.2210	209.1144
1834.8031	17	G 3	289.1624	145.0851
1891.8245	18	G 2	232.1410	116.5744
	19	R 1	175.1195	88.0637

N-term:+35.07

DMVTDCSYTVAQVR, MH+ 1678.7992, m/z 560.2712
 H OS G24 P150811 220811-s1.03615.03615.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

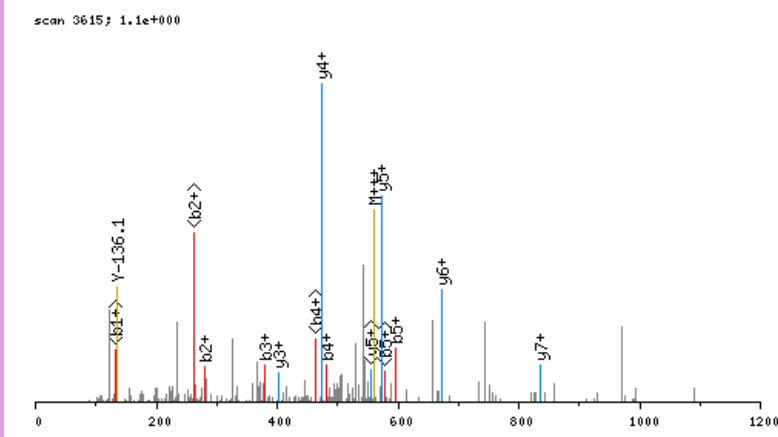
y + 2+ 3+

z + 2+ 3+

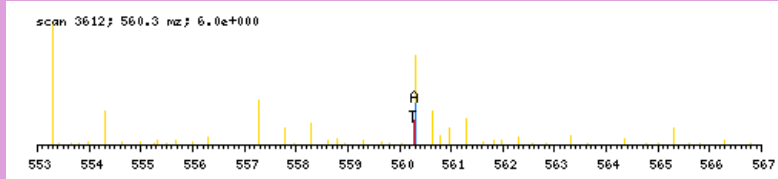
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
150.0978	1	D 14		
281.1383	2	M 13	1529.7092	765.3585
380.2067	3	V 12	1398.6687	699.8383
481.2544	4	T 11	1299.6003	650.3041
596.2814	5	D 10	1198.5526	599.7802
756.3120	6	C 9	1083.5257	542.2667
843.3440	7	S 8	923.4951	462.2514
1006.4073	8	Y 7	836.4630	418.7354
1107.4550	9	T 6	673.3997	337.2038
1206.5234	10	V 5	572.3520	286.6799
1277.5605	11	A 4	473.2836	237.1457
1405.6191	12	Q 3	402.2465	201.6272
1504.6875	13	V 2	274.1879	137.5979
	14	R 1	175.1195	88.0637

N-term:+35.07 C(6):+160.03

DNGSGLVKAGFAGDDAPR, MH+ 1802.9037, m/z 601.6394
 L OS G26 P150811 220811-s1.03732.03732.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

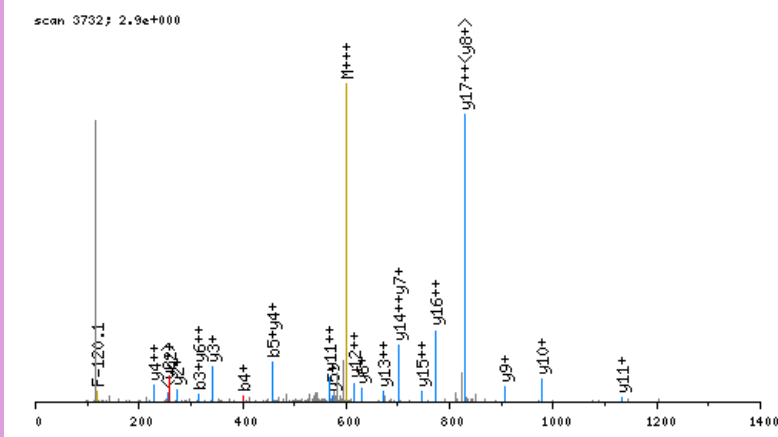
y + 2+ 3+

z + 2+ 3+

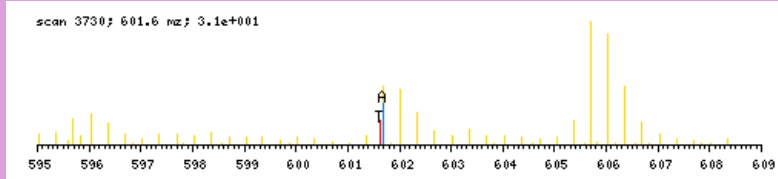
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



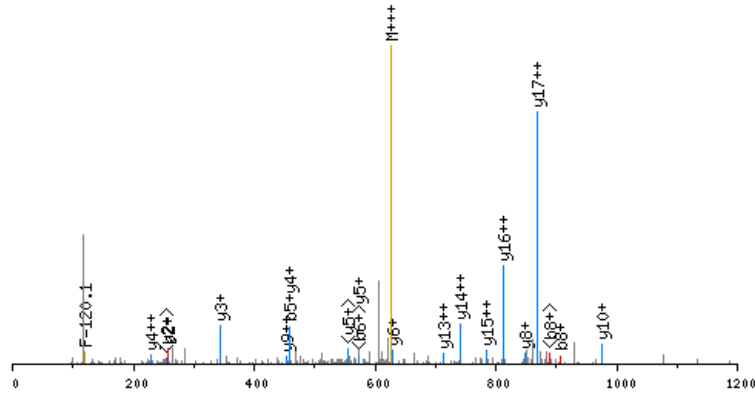
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
144.0660	1	D	18		
258.1090	2	N	17	1659.8455	830.4267
315.1304	3	G	16	1545.8026	773.4052
402.1625	4	S	15	1488.7811	744.8945
459.1839	5	G	14	1401.7491	701.3785
572.2680	6	L	13	1344.7276	672.8677
671.3364	7	V	12	1231.6435	616.3257
827.4627	8	K	11	1132.5751	566.7915
898.4998	9	A	10	976.4488	488.7283
955.5213	10	G	9	905.4117	453.2098
1102.5897	11	F	8	848.3903	424.6990
1173.6268	12	A	7	701.3218	351.1648
1230.6483	13	G	6	630.2847	315.6463
1345.6752	14	D	5	573.2633	287.1355
1460.7022	15	D	4	458.2363	229.6221
1531.7393	16	A	3	343.2094	172.1086
1628.7920	17	P	2	272.1723	136.5900
	18	R	1	175.1195	88.0637

N-term:+29.04 K(8):+156.13

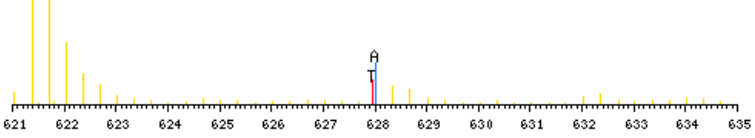
DNGSGMCKAGFAGDDAPR, MH+ 1881.8223, m/z 627.9456
 L OS G26 P150811 220811-s1.02758.02758.3.dta

scan 2758; 1.7e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2755; 627.9 m/z; 2.9e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
144.0660	1	D	18		
258.1090	2	N	17	1738.7641	869.8860
315.1304	3	G	16	1624.7212	812.8645
402.1625	4	S	15	1567.6997	784.3538
459.1839	5	G	14	1480.6677	740.8378
590.2244	6	M	13	1423.6462	712.3270
750.2550	7	C	12	1292.6057	646.8068
906.3813	8	K	11	1132.5751	566.7915
977.4184	9	A	10	976.4488	488.7283
1034.4399	10	G	9	905.4117	453.2098
1181.5083	11	F	8	848.3903	424.6990
1252.5454	12	A	7	701.3218	351.1648
1309.5669	13	G	6	630.2847	315.6463
1424.5938	14	D	5	573.2633	287.1355
1539.6208	15	D	4	458.2363	229.6221
1610.6579	16	A	3	343.2094	172.1086
1707.7106	17	P	2	272.1723	136.5900
	18	R	1	175.1195	88.0637

N-term:+29.04 C(7):+160.03
 K(8):+156.13

DNKSFLLVWVNEEDHLR, MH+ 2069.1092, m/z 518.0328
 H OS G28 P150811 220811-s1.08649.08649.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

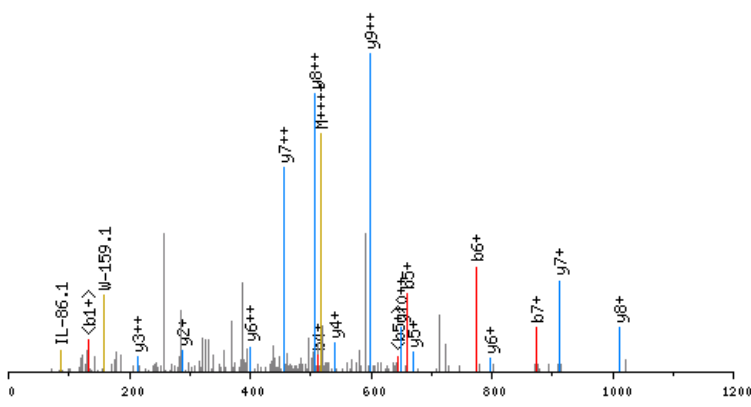
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

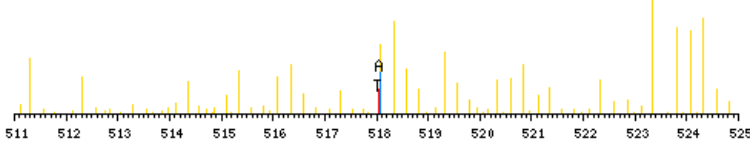
GO

scan 8649; 9.5e-001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 8648; 518.0 m/z; 6.5e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
150.0978	1	D 16		
264.1408	2	N 15	1920.0192	960.5135
426.2989	3	K 14	1805.9763	903.4921
513.3309	4	S 13	1643.8182	822.4130
660.3993	5	F 12	1556.7862	778.8970
773.4834	6	L 11	1409.7177	705.3628
872.5518	7	V 10	1296.6337	648.8207
1058.6311	8	W 9	1197.5653	599.2865
1157.6995	9	V 8	1011.4859	506.2469
1271.7424	10	N 7	912.4175	456.7127
1400.7850	11	E 6	798.3746	399.6912
1529.8276	12	E 5	669.3320	335.1699
1644.8546	13	D 4	540.2894	270.6486
1781.9135	14	H 3	425.2625	213.1352
1894.9976	15	L 2	288.2036	144.6057
	16	R 1	175.1195	88.0637

N-term:+35.07 K(3):+162.16

DNNKISNIPDEYFKR, MH+ 1955.1087, m/z 489.5326
 H OS G28 P150811 220811-s1.06177.06177.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

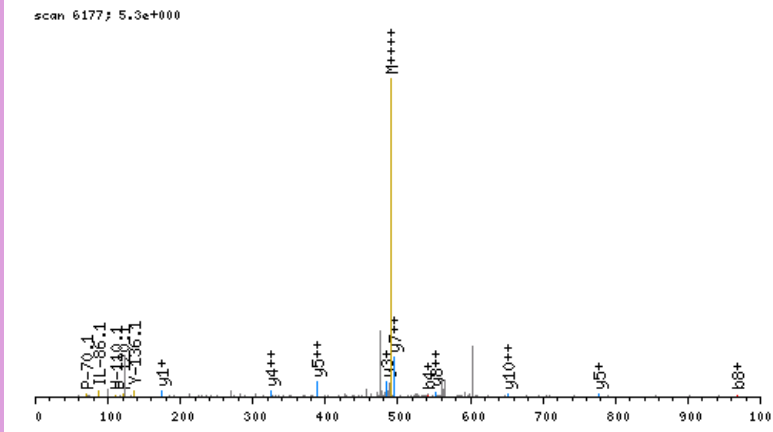
y + 2+ 3+

z + 2+ 3+

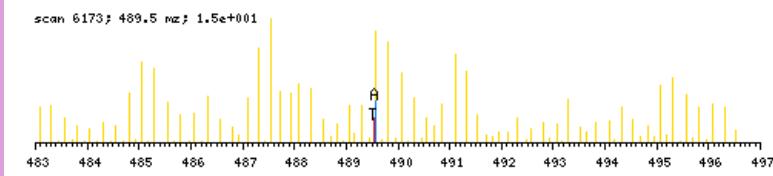
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
150.0978	1	D	15		
264.1408	2	N	14	1806.0187	903.5133
378.1837	3	N	13	1691.9758	846.4918
540.3418	4	K	12	1577.9328	789.4703
653.4259	5	I	11	1415.7747	708.3913
740.4579	6	S	10	1302.6907	651.8492
854.5008	7	N	9	1215.6586	608.3332
967.5849	8	I	8	1101.6157	551.3118
1064.6376	9	P	7	988.5316	494.7697
1179.6646	10	D	6	891.4789	446.2434
1308.7072	11	E	5	776.4519	388.7299
1471.7705	12	Y	4	647.4093	324.2086
1618.8389	13	F	3	484.3460	242.6769
1780.9970	14	K	2	337.2776	169.1427
	15	R	1	175.1195	88.0637

N-term:+35.07 K(4):+162.16
 K(14):+162.16

DNVETIPNSGHMEEPR, MH+ 1858.8817, m/z 620.2988
 H OS G24 P150811 220811-s1.02740.02740.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

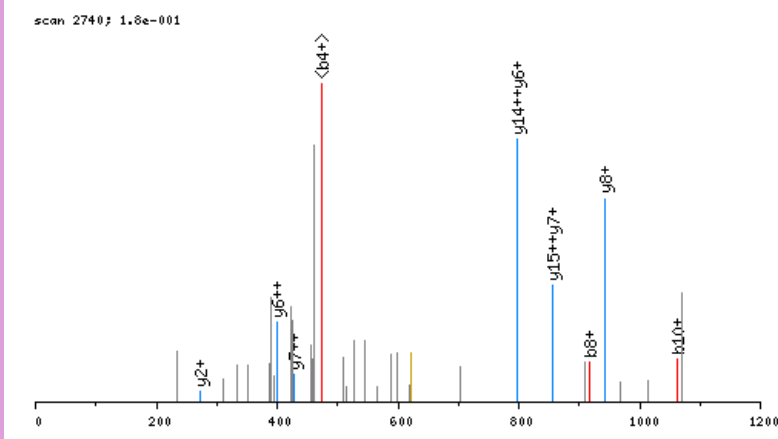
y + 2+ 3+

z + 2+ 3+

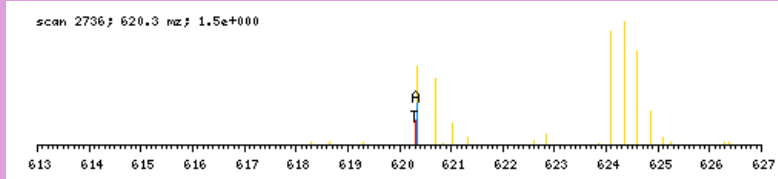
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



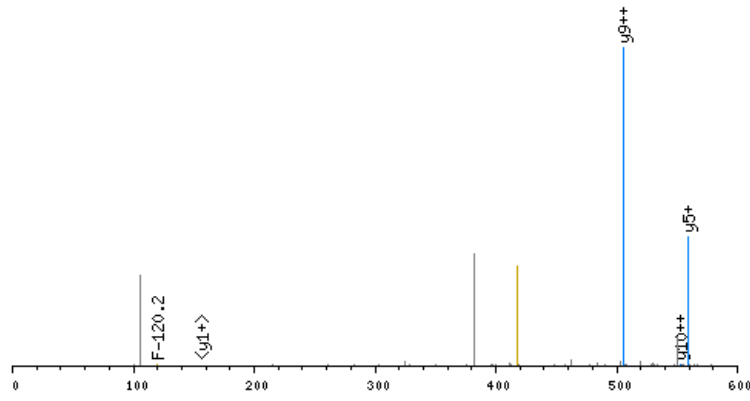
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
150.0978	1	D 16		
264.1408	2	N 15	1709.7917	855.3998
363.2092	3	V 14	1595.7488	798.3783
492.2518	4	E 13	1496.6804	748.8441
593.2995	5	T 12	1367.6378	684.3228
706.3835	6	I 11	1266.5901	633.7990
803.4363	7	P 10	1153.5060	577.2569
917.4792	8	N 9	1056.4533	528.7305
1004.5112	9	S 8	942.4103	471.7091
1061.5327	10	G 7	855.3783	428.1931
1198.5916	11	H 6	798.3568	399.6823
1329.6321	12	M 5	661.2979	331.1529
1458.6747	13	E 4	530.2575	265.6326
1587.7173	14	E 3	401.2149	201.1113
1684.7701	15	P 2	272.1723	136.5900
	16	R 1	175.1195	88.0637

N-term:+35.07

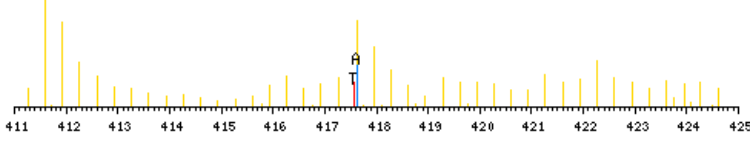
DPAKHSLLSAR, MH+ 1250.7221, m/z 417.5789
 L OS G27 P150811 220811-s1.02883.02883.3.dta

scan 2883; 6.3e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2882; 417.6 m/z; 2.0e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 11		
241.1188	2	P 10	1107.6639	554.3359
312.1559	3	A 9	1010.6111	505.8095
468.2822	4	K 8	939.5740	470.2909
605.3411	5	H 7	783.4477	392.2278
692.3732	6	S 6	646.3888	323.6983
805.4572	7	L 5	559.3568	280.1823
918.5413	8	L 4	446.2727	223.6403
1005.5733	9	S 3	333.1886	167.0982
1076.6104	10	A 2	246.1566	123.5822
	11	R 1	175.1195	88.0637

N-term:+29.04 K(4):+156.13

DPEATSHSTQDPLEAQAKSR, MH+ 2224.0846, m/z 556.7766
 L OS G27 P150811 220811-s1.02810.02810.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

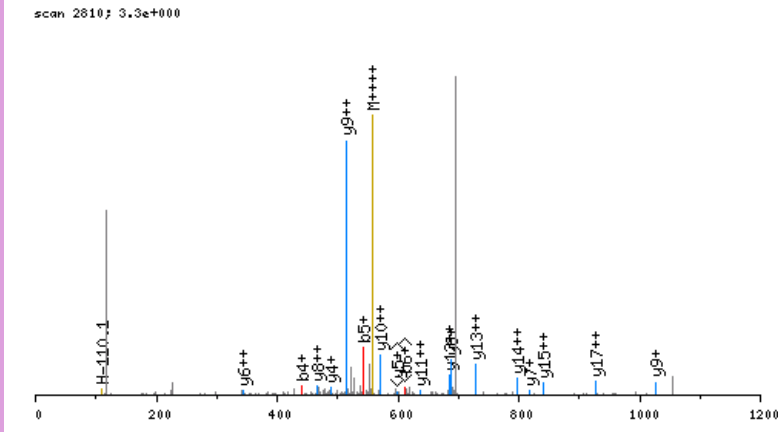
y + 2+ 3+

z + 2+ 3+

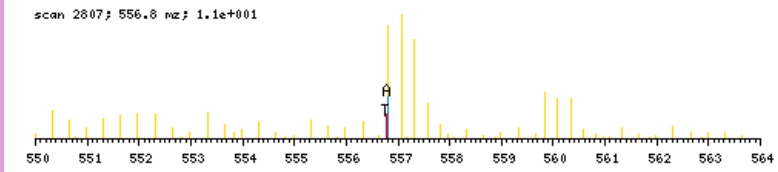
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D	20	
241.1188	2	P	19	2081.0264
370.1614	3	E	18	1983.9736
441.1985	4	A	17	1854.9310
542.2462	5	T	16	1783.8939
629.2782	6	S	15	1682.8462
766.3371	7	H	14	1595.8142
853.3692	8	S	13	1458.7553
954.4168	9	T	12	1371.7233
1082.4754	10	Q	11	1270.6756
1197.5024	11	D	10	1142.6170
1294.5551	12	P	9	1027.5901
1407.6392	13	L	8	930.5373
1536.6818	14	E	7	817.4532
1607.7189	15	A	6	688.4106
1735.7775	16	Q	5	617.3735
1806.8146	17	A	4	489.3149
1962.9409	18	K	3	418.2778
2049.9729	19	S	2	262.1515
	20	R	1	175.1195

N-term:+29.04 K(18):+156.13

DPPASVVVGPVVVPR, MH+ 1515.8899, m/z 505.9681
 L OS G24 P150811 220811-s1.04249.04249.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

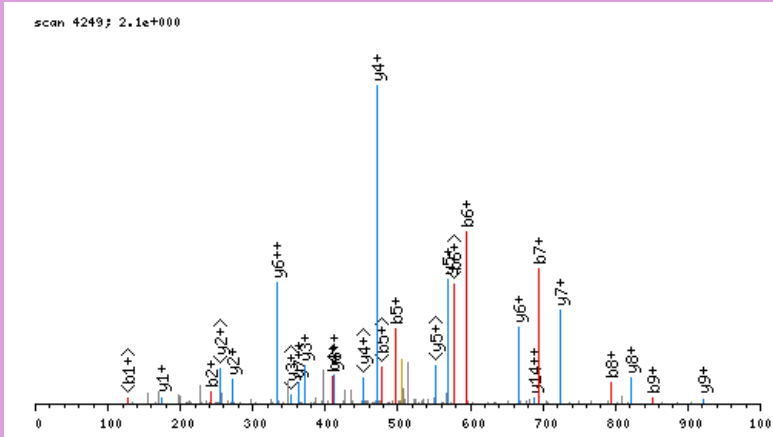
y + 2+ 3+

z + 2+ 3+

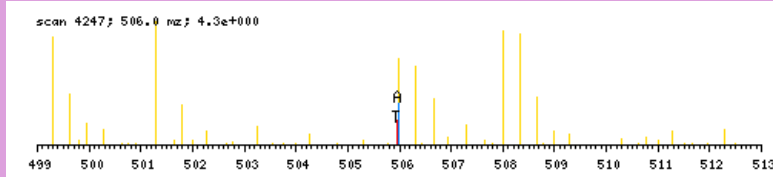
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 15		
241.1188	2	P 14	1372.8316	686.9197
338.1716	3	P 13	1275.7789	638.3934
409.2087	4	A 12	1178.7261	589.8670
496.2407	5	S 11	1107.6890	554.3484
595.3091	6	V 10	1020.6570	510.8324
694.3775	7	V 9	921.5886	461.2982
793.4460	8	V 8	822.5201	411.7640
850.4674	9	G 7	723.4517	362.2298
947.5202	10	P 6	666.4303	333.7190
1046.5886	11	V 5	569.3775	285.1927
1145.6570	12	V 4	470.3091	235.6585
1244.7254	13	V 3	371.2407	186.1243
1341.7782	14	P 2	272.1723	136.5900
	15	R 1	175.1195	88.0637

N-term:+29.04

DPTSVTLKPMIEIR, MH+ 1554.9202, m/z 518.9782
 H OS G26 P150811 220811-s1.04577.04577.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

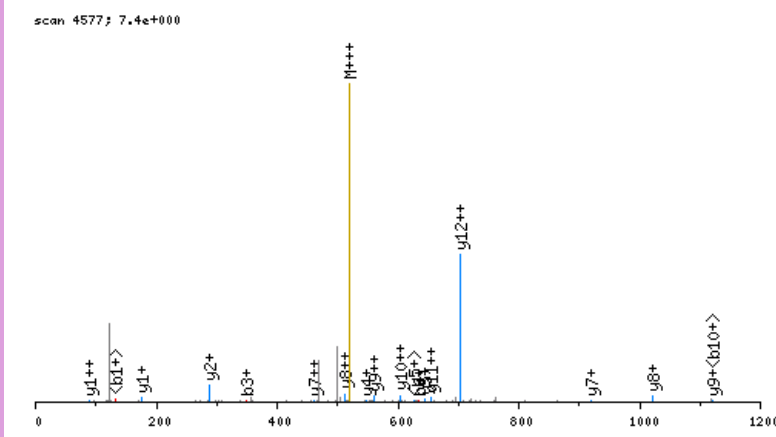
y + 2+ 3+

z + 2+ 3+

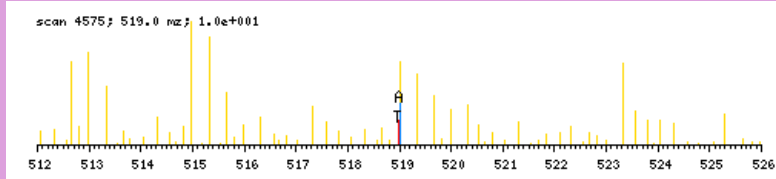
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
150.0978	1	D 13		
247.1506	2	P 12	1405.8301	703.4190
348.1983	3	T 11	1308.7774	654.8926
435.2303	4	S 10	1207.7297	604.3688
534.2987	5	V 9	1120.6977	560.8527
635.3464	6	T 8	1021.6292	511.3185
748.4305	7	L 7	920.5816	460.7947
910.5886	8	K 6	807.4975	404.2527
1007.6413	9	P 5	645.3394	323.1736
1138.6818	10	M 4	548.2866	274.6472
1267.7244	11	E 3	417.2462	209.1270
1380.8085	12	I 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+35.07 K(8):+162.16

DPVLCFTQYEESSGR, MH+ 1815.8223, m/z 605.9456
 L OS G24 P150811 220811-s1.04379.04379.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

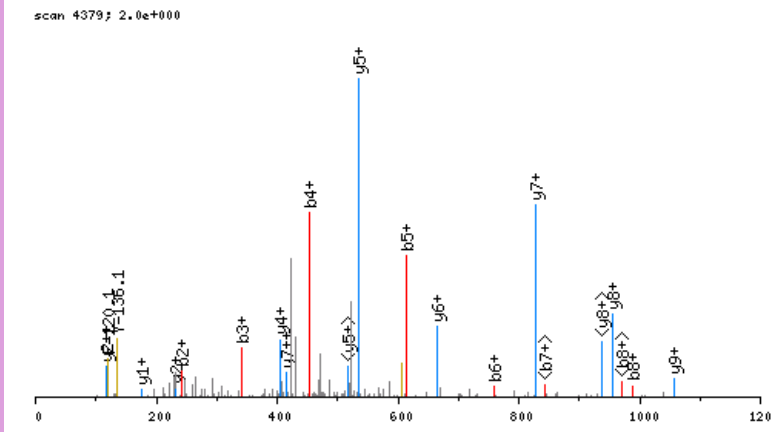
y + 2+ 3+

z + 2+ 3+

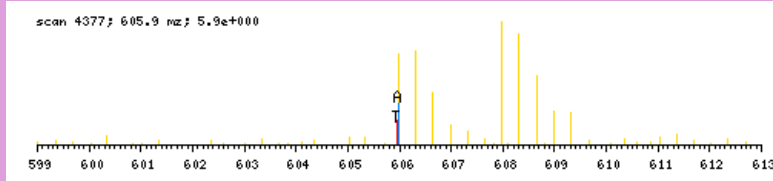
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 15		
241.1188	2	P 14	1672.7640	836.8859
340.1872	3	V 13	1575.7113	788.3596
453.2713	4	L 12	1476.6429	738.8253
613.3019	5	C 11	1363.5588	682.2833
760.3703	6	F 10	1203.5282	602.2680
861.4180	7	T 9	1056.4598	528.7338
989.4766	8	Q 8	955.4121	478.2100
1152.5399	9	Y 7	827.3535	414.1807
1281.5825	10	E 6	664.2902	332.6490
1410.6251	11	E 5	535.2476	268.1277
1497.6571	12	S 4	406.2050	203.6064
1584.6891	13	S 3	319.1730	160.0904
1641.7106	14	G 2	232.1410	116.5744
	15	R 1	175.1195	88.0637

N-term:+29.04 C(5):+160.03

DQDEIDCLPGLAKQPSFR, MH+ 2145.0650, m/z 715.6932
 L OS G26 P150811 220811-s1.05792.05792.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

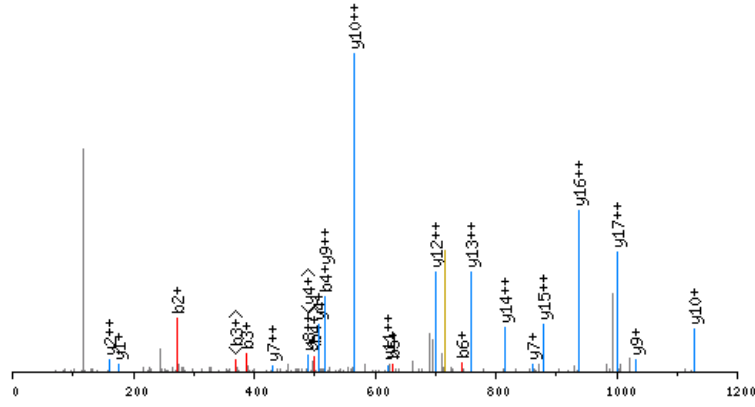
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

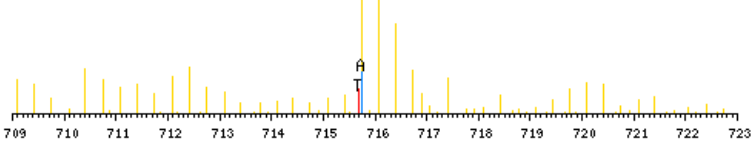
GO

scan 5792; 2.2e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5790; 715.7 nz; 8.2e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D	18	
272.1246	2	Q	17	2002.0068
387.1516	3	D	16	1873.9482
516.1942	4	E	15	1758.9213
629.2782	5	I	14	1629.8787
744.3052	6	D	13	1516.7946
904.3358	7	C	12	1401.7677
1017.4198	8	L	11	1241.7371
1114.4726	9	P	10	1128.6530
1171.4941	10	G	9	1031.6002
1284.5781	11	L	8	974.5788
1355.6152	12	A	7	861.4947
1511.7415	13	K	6	790.4576
1639.8001	14	Q	5	634.3313
1736.8529	15	P	4	506.2727
1823.8849	16	S	3	409.2199
1970.9533	17	F	2	322.1879
	18	R	1	175.1195

N-term: +29.04 C(7): +160.03
 K(13): +156.13

DQGAPGVPVGPAGPR, MH+ 1309.7076, m/z 437.2407
 H OS G27 P150811 220811-s1.02961.02961.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

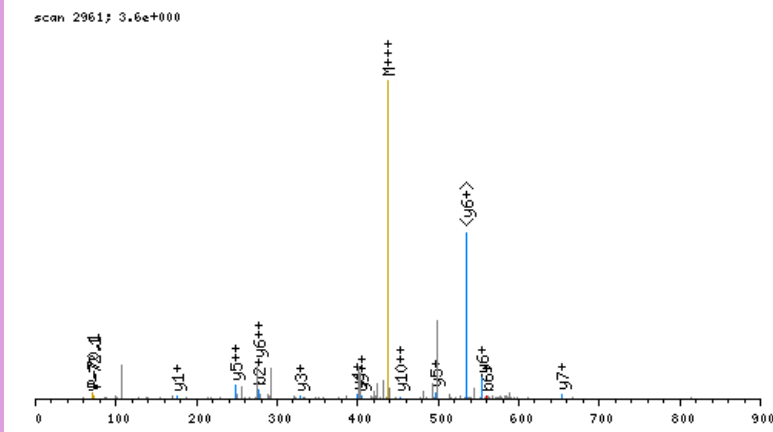
y + 2+ 3+

z + 2+ 3+

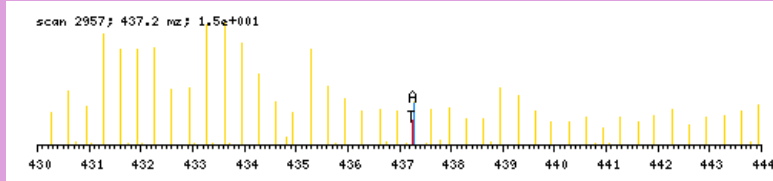
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



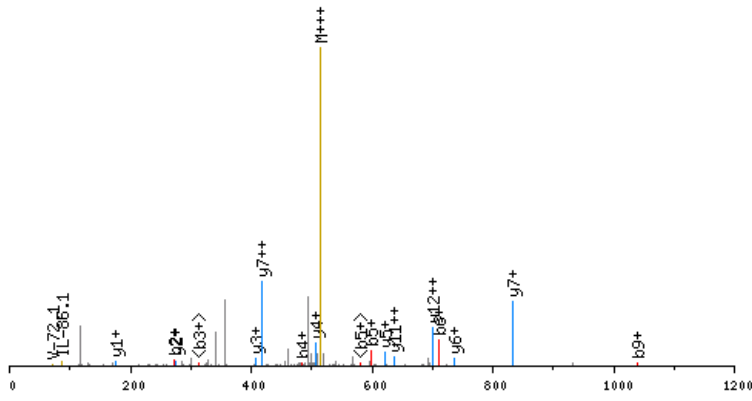
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
150.0978	1	D 14		
278.1564	2	Q 13	1160.6176	580.8127
335.1779	3	G 12	1032.5591	516.7834
406.2150	4	A 11	975.5376	488.2727
503.2678	5	P 10	904.5005	452.7542
560.2892	6	G 9	807.4477	404.2278
657.3420	7	P 8	750.4262	375.7170
756.4104	8	V 7	653.3735	327.1907
813.4319	9	G 6	554.3051	277.6564
910.4846	10	P 5	497.2836	249.1457
981.5217	11	A 4	400.2308	200.6193
1038.5432	12	G 3	329.1937	165.1008
1135.5960	13	P 2	272.1723	136.5900
	14	R 1	175.1195	88.0637

N-term:+35.07

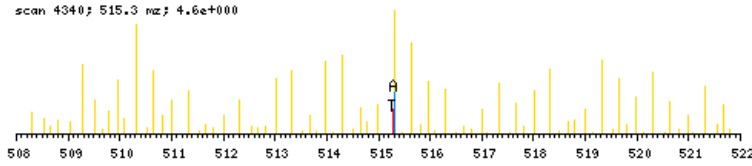
DQGKLIPDDVMTR, MH+ 1543.8154, m/z 515.2767
 L OS G26 P150811 220811-s1.04343.04343.3.dta

scan 4343; 4.6e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4340; 515.3 m/z; 4.6e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 13		
272.1246	2	Q 12	1400.7572	700.8825
329.1461	3	G 11	1272.6986	636.8532
485.2724	4	K 10	1215.6772	608.3425
598.3564	5	L 9	1059.5509	530.2793
711.4405	6	I 8	946.4668	473.7373
808.4933	7	P 7	833.3827	417.1953
923.5202	8	D 6	736.3300	368.6689
1038.5472	9	D 5	621.3030	311.1554
1137.6156	10	V 4	506.2761	253.6420
1268.6561	11	M 3	407.2077	204.1077
1369.7037	12	T 2	276.1672	138.5875
	13	R 1	175.1195	88.0637

N-term:+29.04 K(4):+156.13

DQSHSNLTPEER, MH+ 1496.7306, m/z 499.5817
 H OS G27 P150811 220811-s1.03576.03576.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

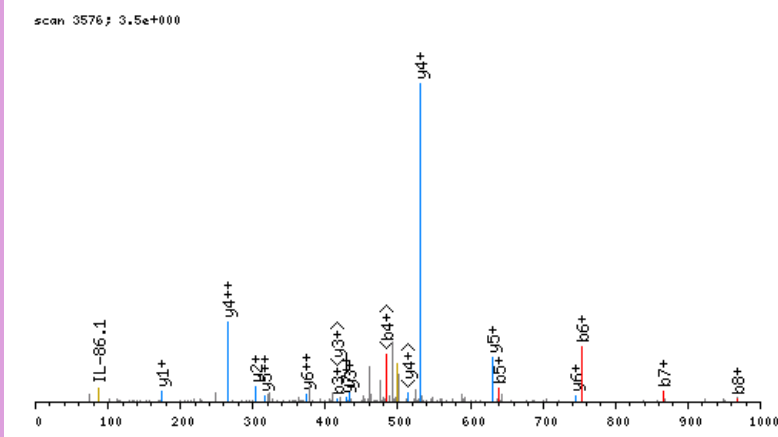
y + 2+ 3+

z + 2+ 3+

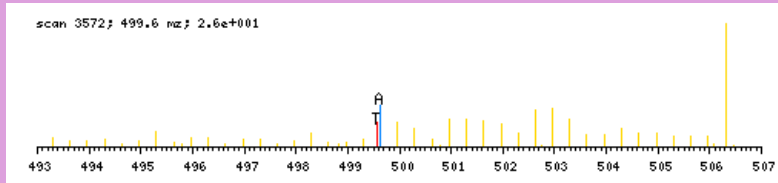
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
150.0978	1	D 12		
278.1564	2	Q 11	1347.6406	674.3242
415.2153	3	H 10	1219.5820	610.2949
502.2474	4	S 9	1082.5231	541.7654
639.3063	5	H 8	995.4910	498.2494
753.3492	6	N 7	858.4321	429.7200
866.4333	7	L 6	744.3892	372.6985
967.4809	8	T 5	631.3051	316.1565
1064.5337	9	P 4	530.2575	265.6326
1193.5763	10	E 3	433.2047	217.1063
1322.6189	11	E 2	304.1621	152.5850
	12	R 1	175.1195	88.0637

N-term:+35.07

DQQLQGDGKLIDR, MH+ 1553.8924, m/z 518.6356
 H OS G26 P150811 220811-s1.02909.02909.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

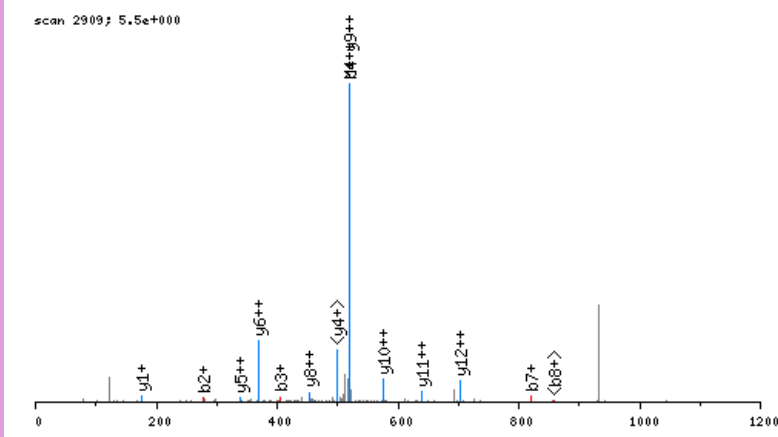
y + 2+ 3+

z + 2+ 3+

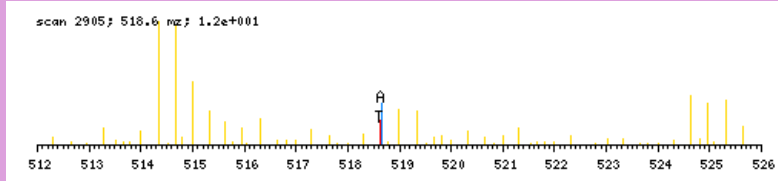
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
150.0978	1	D	13	
278.1564	2	Q	12	1404.8023
406.2150	3	Q	11	1276.7438
519.2991	4	L	10	1148.6852
647.3576	5	Q	9	1035.6011
704.3791	6	G	8	907.5425
819.4060	7	D	7	850.5211
876.4275	8	G	6	735.4941
1038.5856	9	K	5	678.4727
1151.6697	10	L	4	516.3146
1264.7537	11	I	3	403.2305
1379.7807	12	D	2	290.1464
	13	R	1	175.1195

N-term:+35.07 K(9):+162.16

DQSPASHEIATNLGDFALR, MH+ 2070.0256, m/z 690.6800
 L OS G26 P150811 220811-s1.06004.06004.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

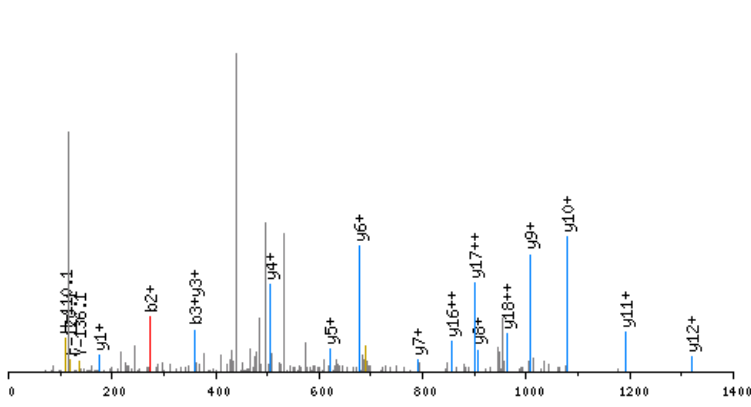
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

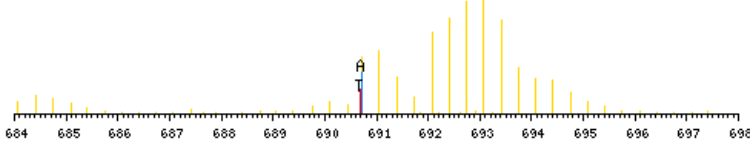
GO

scan 6004; 1.5e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6000; 690.7 m/z; 2.2e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 19		
272.1246	2	Q 18	1926.9674	963.9876
359.1566	3	S 17	1798.9088	899.9583
456.2094	4	P 16	1711.8768	856.4423
527.2465	5	A 15	1614.8240	807.9159
614.2786	6	S 14	1543.7869	772.3974
751.3375	7	H 13	1456.7549	728.8813
880.3801	8	E 12	1319.6959	660.3519
993.4641	9	I 11	1190.6533	595.8306
1064.5012	10	A 10	1077.5693	539.2886
1165.5489	11	T 9	1006.5322	503.7700
1279.5918	12	N 8	905.4845	453.2462
1392.6759	13	L 7	791.4416	396.2247
1449.6974	14	G 6	678.3575	339.6827
1564.7243	15	D 5	621.3360	311.1719
1711.7927	16	F 4	506.3091	253.6585
1782.8298	17	A 3	359.2407	180.1243
1895.9139	18	L 2	288.2036	144.6057
	19	R 1	175.1195	88.0637

N-term:+29.04

DQTQIQEFKEAFTVIDQNR, MH+ 2366.1992, m/z 789.4046
 L OS G26 P150811 220811-s1.06833.06833.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

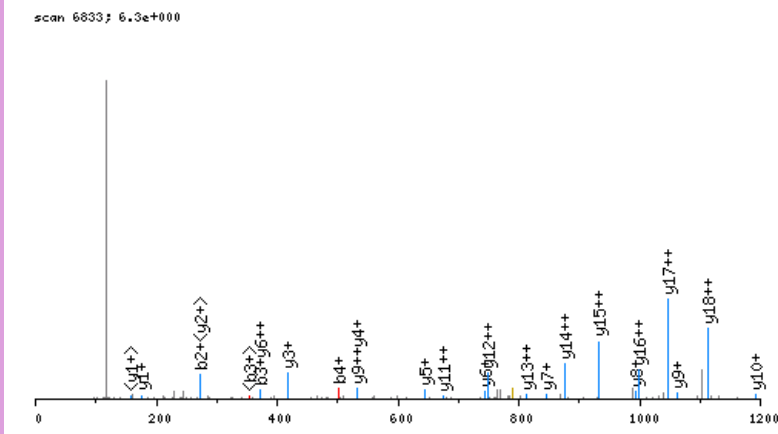
y + 2+ 3+

z + 2+ 3+

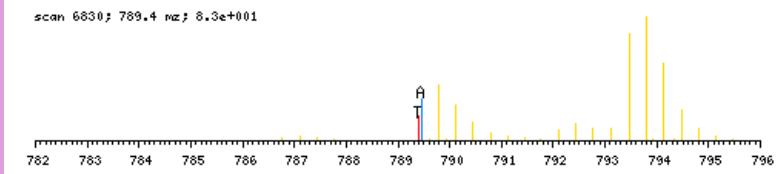
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



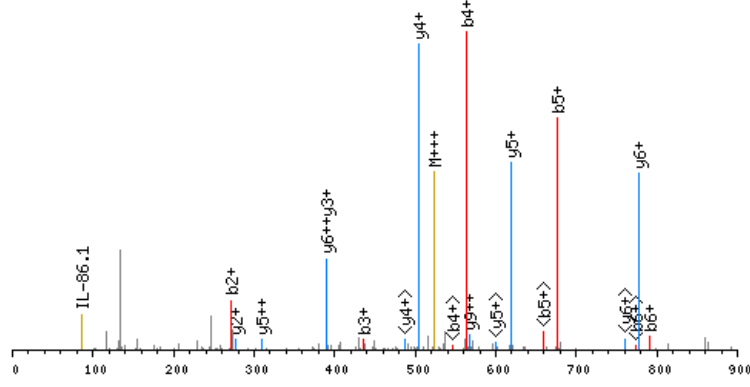
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
144.0660	1	D	19		
272.1246	2	Q	18	2223.1410	1112.0744
373.1723	3	T	17	2095.0824	1048.0451
501.2309	4	Q	16	1994.0348	997.5213
614.3149	5	I	15	1865.9762	933.4920
742.3735	6	Q	14	1752.8921	876.9500
871.4161	7	E	13	1624.8335	812.9207
1018.4845	8	F	12	1495.7909	748.3994
1174.6108	9	K	11	1348.7225	674.8652
1303.6534	10	E	10	1192.5962	596.8020
1374.6905	11	A	9	1063.5536	532.2807
1521.7589	12	F	8	992.5165	496.7622
1622.8066	13	T	7	845.4481	423.2280
1721.8750	14	V	6	744.4004	372.7041
1834.9591	15	I	5	645.3320	323.1699
1949.9860	16	D	4	532.2479	266.6279
2078.0446	17	Q	3	417.2210	209.1144
2192.0876	18	N	2	289.1624	145.0851
	19	R	1	175.1195	88.0637

N-term:+29.04 K(9):+156.13

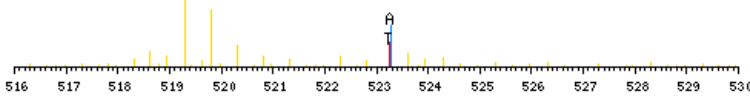
DQYELLCLDNTR, MH+ 1567.7426, m/z 523.2524
 L OS G25 P150811 220811-s1.07020.07020.3.dta

scan 7020; 2.3e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 7017; 523.3 m/z; 6.1e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

0 - 0

MassTol: Y-zoom:

0. 1.

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 12		
272.1246	2	Q 11	1424.6843	712.8461
435.1879	3	Y 10	1296.6258	648.8168
564.2305	4	E 9	1133.5624	567.2851
677.3146	5	L 8	1004.5198	502.7638
790.3987	6	L 7	891.4358	446.2218
950.4293	7	C 6	778.3517	389.6798
1063.5133	8	L 5	618.3211	309.6645
1178.5403	9	D 4	505.2370	253.1224
1292.5832	10	N 3	390.2101	195.6090
1393.6309	11	T 2	276.1672	138.5875
	12	R 1	175.1195	88.0637

N-term:+29.04 C(7):+160.03

DRGEAGAAGPSGPAGPR, MH+ 1556.7993, m/z 519.6046
 H OS G27 P150811 220811-s1.01985.01985.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

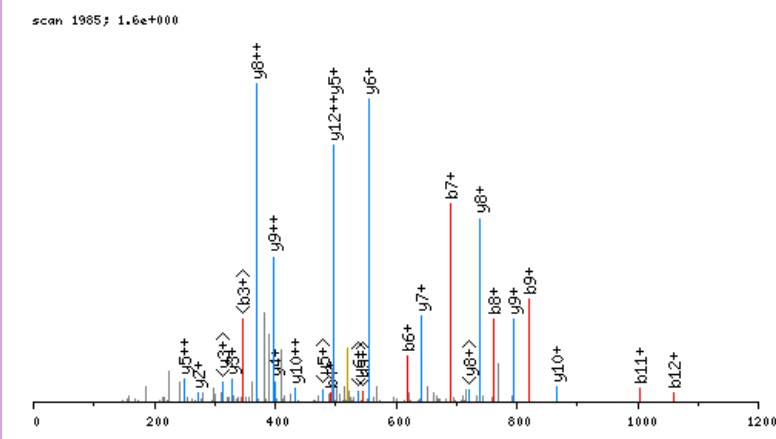
y + 2+ 3+

z + 2+ 3+

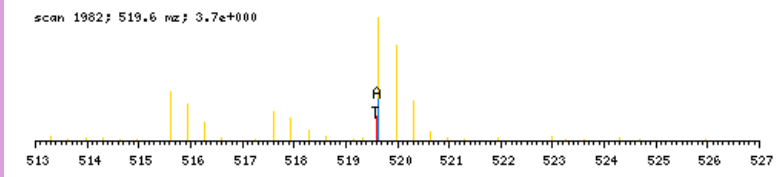
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



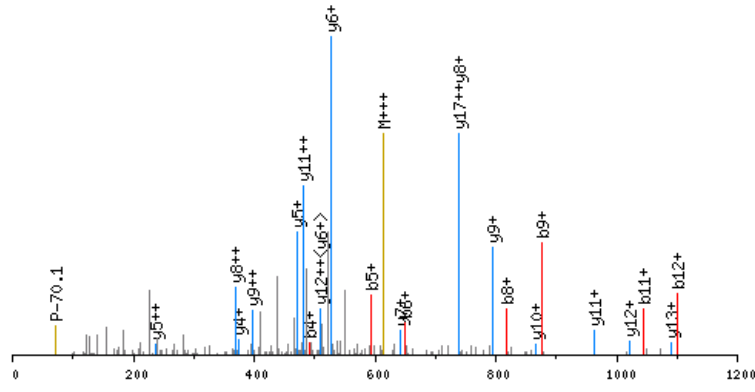
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
150.0978	1	D 17		
306.1990	2	R 16	1407.7093	704.3586
363.2204	3	G 15	1251.6082	626.3080
492.2630	4	E 14	1194.5867	597.7973
563.3001	5	A 13	1065.5441	533.2760
620.3216	6	G 12	994.5070	497.7574
691.3587	7	A 11	937.4856	469.2467
762.3958	8	A 10	866.4484	433.7281
819.4173	9	G 9	795.4113	398.2096
916.4700	10	P 8	738.3899	369.6988
1003.5021	11	S 7	641.3371	321.1725
1060.5235	12	G 6	554.3051	277.6564
1157.5763	13	P 5	497.2836	249.1457
1228.6134	14	A 4	400.2308	200.6193
1285.6349	15	G 3	329.1937	165.1008
1382.6876	16	P 2	272.1723	136.5900
	17	R 1	175.1195	88.0637

N-term:+35.07

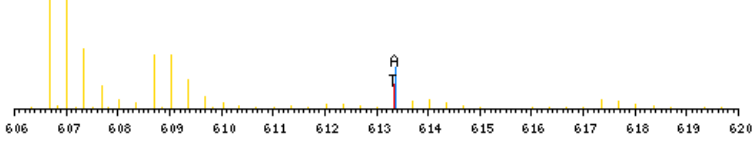
DRGETGPAGPAGPIGPAGAR, MH+ 1837.9733, m/z 613.3293
 H OS G26 P150811 220811-s1.02772.02772.3.dta

scan 2772; 1.4e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2770; 613.3 m/z; 8.6e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
150.0978	1	D 20		
306.1990	2	R 19	1688.8832	844.9455
363.2204	3	G 18	1532.7821	766.8950
492.2630	4	E 17	1475.7607	738.3842
593.3107	5	T 16	1346.7181	673.8629
650.3322	6	G 15	1245.6704	623.3391
747.3849	7	P 14	1188.6489	594.8284
818.4220	8	A 13	1091.5962	546.3020
875.4435	9	G 12	1020.5591	510.7834
972.4963	10	P 11	963.5376	482.2727
1043.5334	11	A 10	866.4848	433.7463
1100.5548	12	G 9	795.4477	398.2278
1197.6076	13	P 8	738.4262	369.7170
1310.6917	14	I 7	641.3735	321.1907
1367.7131	15	G 6	528.2894	264.6486
1464.7659	16	P 5	471.2680	236.1379
1535.8030	17	A 4	374.2152	187.6115
1592.8245	18	G 3	303.1781	152.0930
1663.8616	19	A 2	246.1566	123.5822
	20	R 1	175.1195	88.0637

N-term:+35.07

DSFRDQAVAIMR, MH+ 1436.7320, m/z 479.5822
 L OS G27 P150811 220811-s1.05665.05665.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

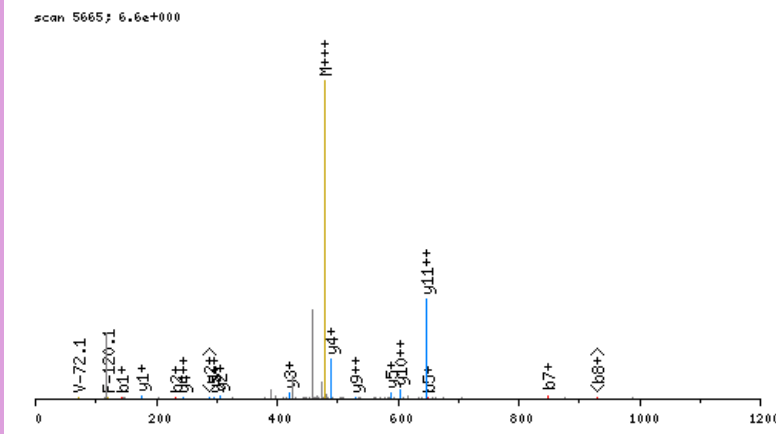
y + 2+ 3+

z + 2+ 3+

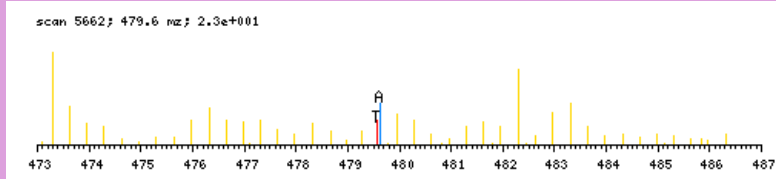
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 12		
231.0981	2	S 11	1293.6738	647.3408
378.1665	3	F 10	1206.6417	603.8248
534.2676	4	R 9	1059.5733	530.2906
649.2945	5	D 8	903.4722	452.2400
777.3531	6	Q 7	788.4453	394.7265
848.3902	7	A 6	660.3867	330.6973
947.4586	8	V 5	589.3496	295.1787
1018.4958	9	A 4	490.2812	245.6445
1131.5798	10	I 3	419.2440	210.1259
1262.6203	11	M 2	306.1600	153.5839
	12	R 1	175.1195	88.0637

N-term:+29.04

DSMDTGAGSIR, MH+ 1143.5528, m/z 572.2800
 H OS G25 P150811 220811-s1.02536.02536.2.dta

scan 2536; 2.8e+001

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

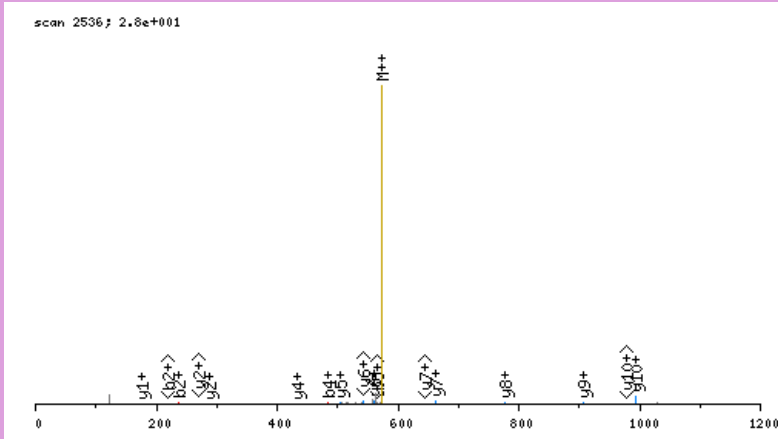
y + 2+ 3+

z + 2+ 3+

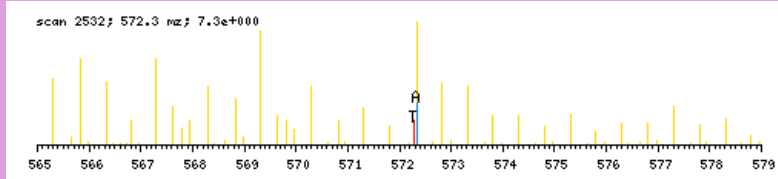
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
150.0978	1	D	11	
237.1299	2	S	10	994.4628 497.7353
368.1704	3	M	9	907.4307 454.2193
483.1973	4	D	8	776.3903 388.6990
584.2450	5	T	7	661.3633 331.1856
641.2664	6	G	6	560.3156 280.6617
712.3036	7	A	5	503.2942 252.1510
769.3250	8	G	4	432.2571 216.6324
856.3570	9	S	3	375.2356 188.1217
969.4411	10	I	2	288.2036 144.6057
	11	R	1	175.1195 88.0637

N-term: +35.07

DSQVHSGVQVEGR, MH+ 1425.7086, m/z 475.9077
 L OS G27 P150811 220811-s1.02105.02105.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

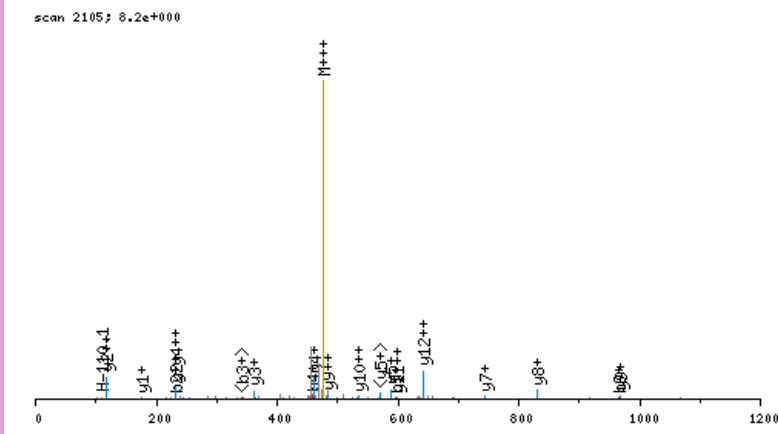
y + 2+ 3+

z + 2+ 3+

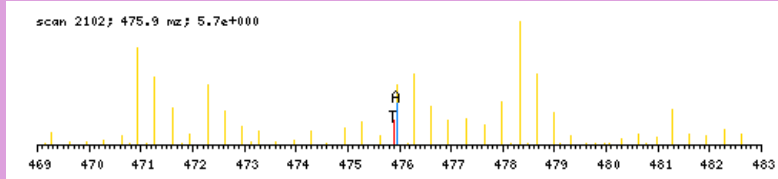
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 13		
231.0981	2	S 12	1282.6504	641.8291
359.1566	3	Q 11	1195.6184	598.3131
458.2251	4	V 10	1067.5598	534.2838
595.2840	5	H 9	968.4914	484.7496
682.3160	6	S 8	831.4325	416.2201
739.3375	7	G 7	744.4004	372.7041
838.4059	8	V 6	687.3790	344.1934
966.4645	9	Q 5	588.3105	294.6592
1065.5329	10	V 4	460.2520	230.6299
1194.5755	11	E 3	361.1836	181.0957
1251.5969	12	G 2	232.1410	116.5744
	13	R 1	175.1195	88.0637

N-term:+29.04

DSSDSMDTGAGSIR, MH+ 1426.6120, m/z 713.8096
 L OS G25 P150811 220811-s1.02826.02826.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

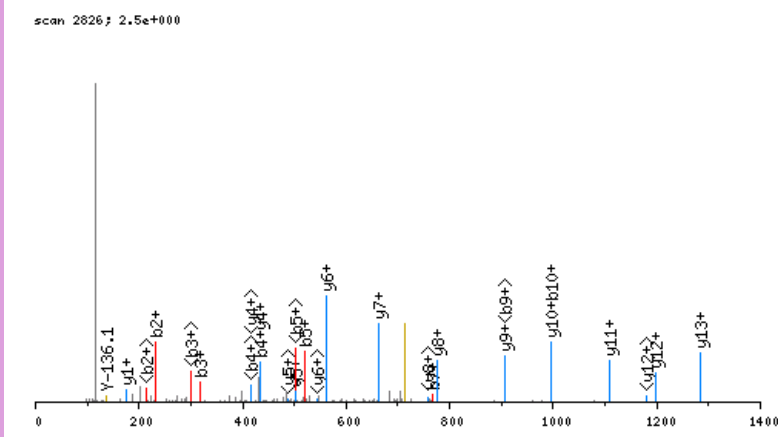
y + 2+ 3+

z + 2+ 3+

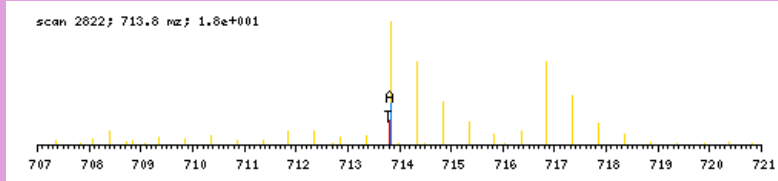
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

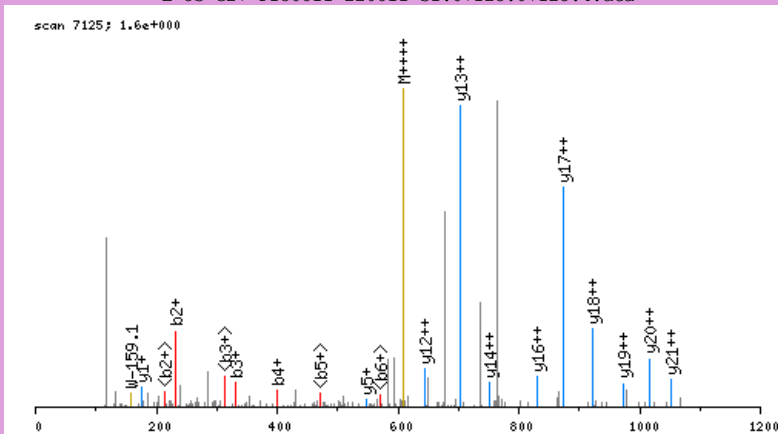


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

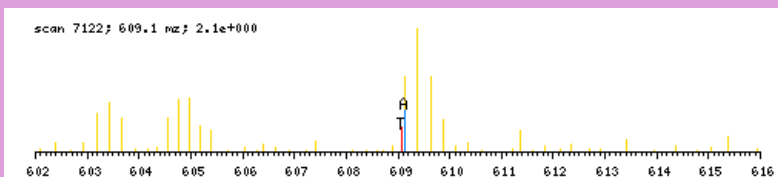
b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 14		
231.0981	2	S 13	1283.5538	642.2808
318.1301	3	S 12	1196.5217	598.7648
433.1570	4	D 11	1109.4897	555.2488
520.1891	5	S 10	994.4628	497.7353
651.2296	6	M 9	907.4307	454.2193
766.2565	7	D 8	776.3903	388.6990
867.3042	8	T 7	661.3633	331.1856
924.3256	9	G 6	560.3156	280.6617
995.3628	10	A 5	503.2942	252.1510
1052.3842	11	G 4	432.2571	216.6324
1139.4162	12	S 3	375.2356	188.1217
1252.5003	13	I 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+29.04

DSVASTVSGVVDKTKGAVTGSVER, MH+ 2433.3201, m/z 609.0855
 I OS G27 P150811 220811-s1.07125.07125.4.dta



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
144.0660	1	D	24		
231.0981	2	S	23	2290.2619	1145.6349
330.1665	3	V	22	2203.2299	1102.1188
401.2036	4	A	21	2104.1614	1052.5846
488.2356	5	S	20	2033.1243	1017.0661
589.2833	6	T	19	1946.0923	973.5501
688.3517	7	V	18	1845.0446	923.0262
775.3837	8	S	17	1745.9762	873.4920
832.4052	9	G	16	1658.9442	829.9760
931.4736	10	V	15	1601.9227	801.4653
1030.5420	11	V	14	1502.8543	751.9311
1145.5690	12	D	13	1403.7859	702.3969
1301.6953	13	K	12	1288.7589	644.8834
1402.7430	14	T	11	1132.6326	566.8202
1558.8693	15	K	10	1031.5850	516.2964
1615.8907	16	G	9	875.4587	438.2332
1686.9278	17	A	8	818.4372	409.7225
1785.9963	18	V	7	747.4001	374.2040
1887.0439	19	T	6	648.3317	324.6698
1944.0654	20	G	5	547.2840	274.1459
2031.0974	21	S	4	490.2625	245.6352
2130.1658	22	V	3	403.2305	202.1192
2259.2084	23	E	2	304.1621	152.5850
	24	R	1	175.1195	88.0637

N-term: +29.04 K(13) : +156.13
 K(15) : +156.13

DSVSVFNGAVSDDSKR, MH+ 1750.9248, m/z 584.3131
 H OS G26 P150811 220811-s1.03681.03681.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

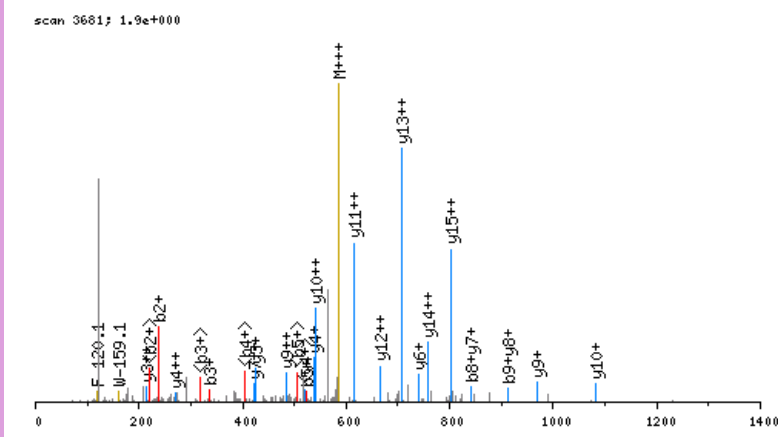
y + 2+ 3+

z + 2+ 3+

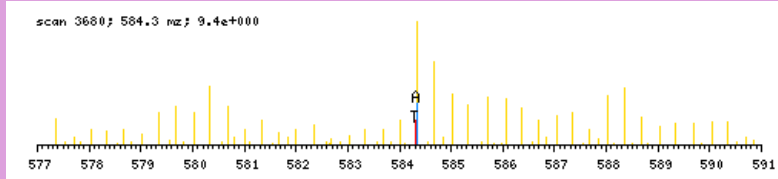
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



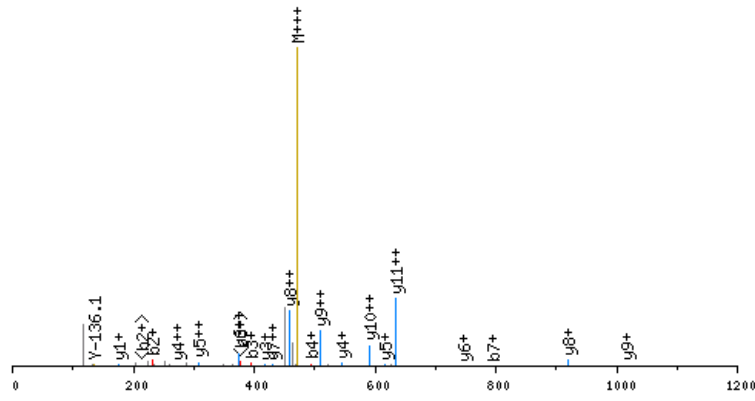
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
150.0978	1	D 16		
237.1299	2	S 15	1601.8348	801.4213
336.1983	3	V 14	1514.8027	757.9053
423.2303	4	S 13	1415.7343	708.3711
522.2987	5	V 12	1328.7023	664.8551
669.3671	6	F 11	1229.6339	615.3209
783.4101	7	N 10	1082.5655	541.7866
840.4315	8	G 9	968.5225	484.7652
911.4686	9	A 8	911.5011	456.2544
1010.5371	10	V 7	840.4640	420.7359
1097.5691	11	S 6	741.3955	371.2017
1212.5960	12	D 5	654.3635	327.6857
1327.6230	13	D 4	539.3366	270.1722
1414.6550	14	S 3	424.3096	212.6587
1576.8131	15	K 2	337.2776	169.1427
	16	R 1	175.1195	88.0637

N-term:+35.07 K(15):+162.16

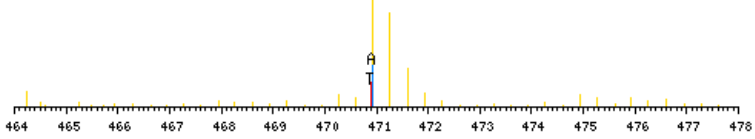
DSYVGVDEAQSQR, MH+ 1410.6865, m/z 470.9004
 L OS G27 P150811 220811-s1.02063.02063.3.dta

scan 2063; 1.2e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2062; 470.9 m/z; 1.8e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 12		
231.0981	2	S 11	1267.6283	634.3181
394.1614	3	Y 10	1180.5963	590.8020
493.2298	4	V 9	1017.5329	509.2704
550.2513	5	G 8	918.4645	459.7362
665.2782	6	D 7	861.4431	431.2254
794.3208	7	E 6	746.4161	373.7120
865.3579	8	A 5	617.3735	309.1907
993.4165	9	Q 4	546.3364	273.6721
1080.4485	10	S 3	418.2778	209.6428
1236.5748	11	K 2	331.2458	166.1268
	12	R 1	175.1195	88.0637

N-term:+29.04 K(11):+156.13

DTKNEIAELTR, MH+ 1345.7327, m/z 449.2491
 L OS G27 P150811 220811-s1.04463.04463.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

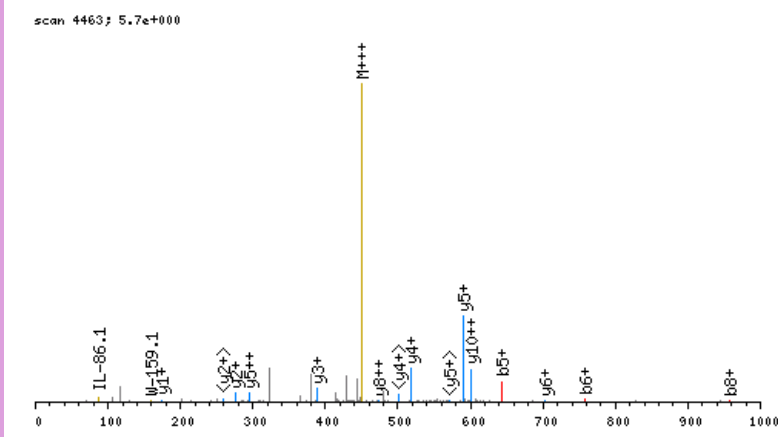
y + 2+ 3+

z + 2+ 3+

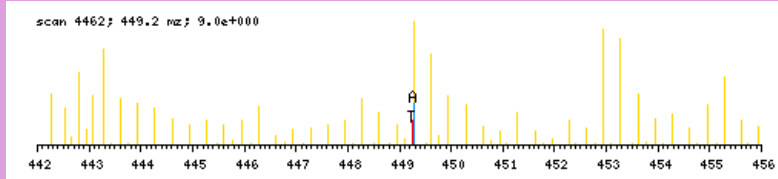
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 11		
245.1137	2	T 10	1202.6745	601.8412
401.2400	3	K 9	1101.6268	551.3173
515.2829	4	N 8	945.5005	473.2542
644.3255	5	E 7	831.4576	416.2327
757.4096	6	I 6	702.4150	351.7114
828.4467	7	A 5	589.3310	295.1694
957.4893	8	E 4	518.2938	259.6508
1070.5734	9	L 3	389.2512	195.1295
1171.6211	10	T 2	276.1672	138.5875
	11	R 1	175.1195	88.0637

N-term:+29.04 K(3):+156.13

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

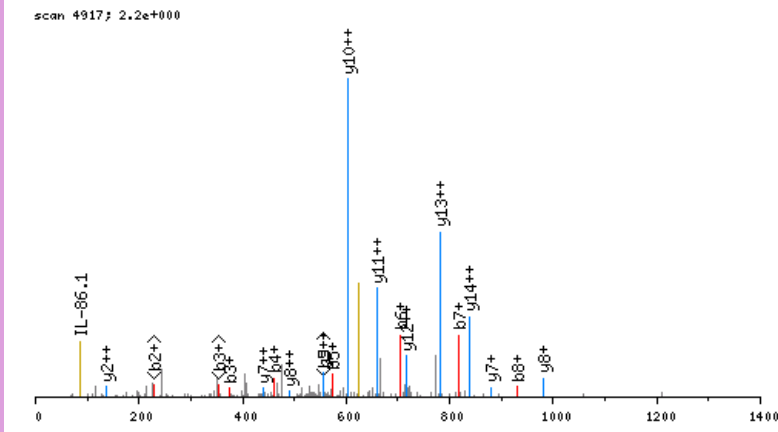
y + 2+ 3+

z + 2+ 3+

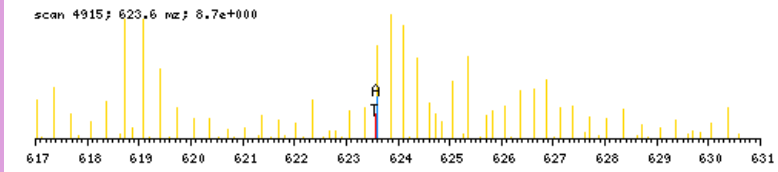
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 21		
245.1137	2	T 20	2348.2098	1174.6088
373.1723	3	Q 19	2247.1621	1124.0850
460.2043	4	S 18	2119.1036	1060.0557
574.2473	5	N 17	2032.0715	1016.5397
703.2898	6	E 16	1918.0286	959.5182
816.3739	7	L 15	1788.9860	894.9969
929.4580	8	I 14	1675.9019	838.4549
1058.5006	9	E 13	1562.8179	781.9129
1171.5846	10	I 12	1433.7753	717.3916
1285.6276	11	N 11	1320.6912	660.8495
1382.6803	12	P 10	1206.6483	603.8281
1510.7389	13	Q 9	1109.5955	555.3017
1611.7866	14	T 8	981.5370	491.2724
1740.8292	15	E 7	880.4893	440.7486
1797.8506	16	G 6	751.4467	376.2273
1953.9769	17	K 5	694.4252	347.7165
2053.0454	18	V 4	538.2989	269.6534
2216.1087	19	Y 3	439.2305	220.1192
2317.1564	20	T 2	276.1672	138.5875
	21	R 1	175.1195	88.0637

N-term:+29.04 K(17):+156.13

DVALEGVGHFFR, MH+ 1374.7170, m/z 458.9105
 L OS G27 P150811 220811-s1.06876.06876.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

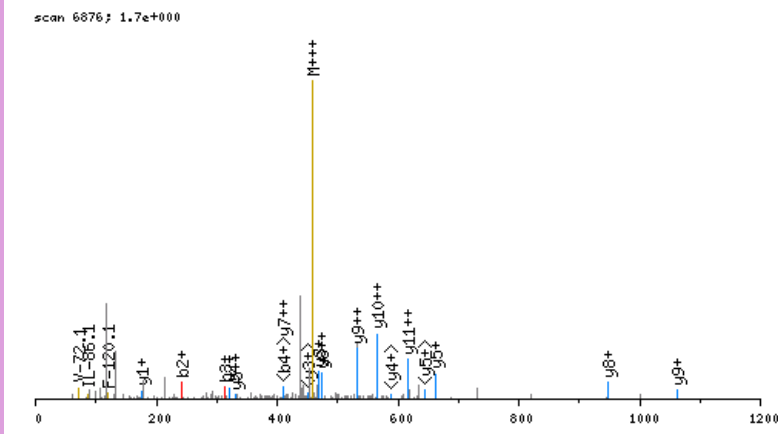
y + 2+ 3+

z + 2+ 3+

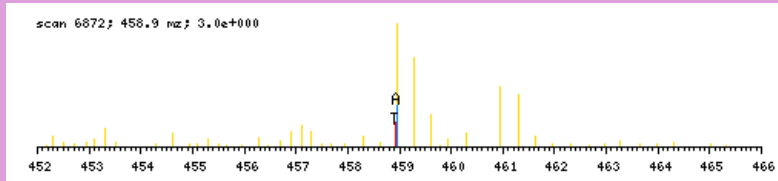
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



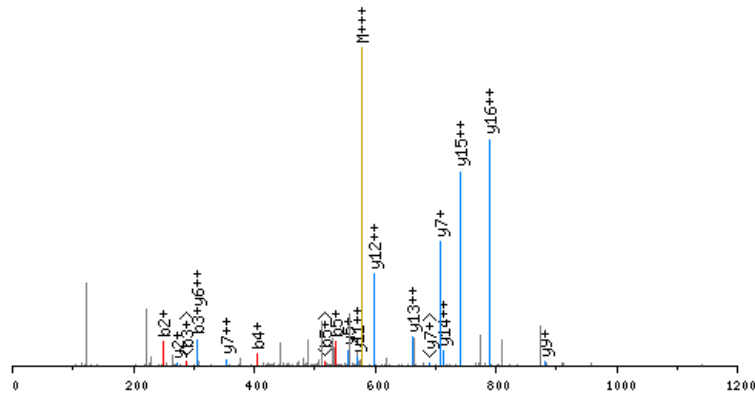
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 12		
243.1345	2	V 11	1231.6588	616.3333
314.1716	3	A 10	1132.5904	566.7991
427.2556	4	L 9	1061.5532	531.2805
556.2982	5	E 8	948.4692	474.7385
613.3197	6	G 7	819.4266	410.2172
712.3881	7	V 6	762.4051	381.7065
769.4096	8	G 5	663.3367	332.1723
906.4685	9	H 4	606.3152	303.6615
1053.5369	10	F 3	469.2563	235.1321
1200.6053	11	F 2	322.1879	161.5979
	12	R 1	175.1195	88.0637

N-term:+29.04

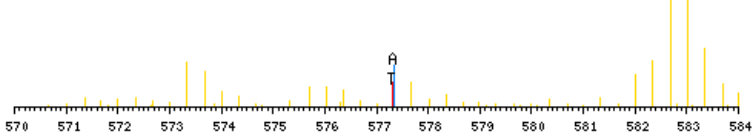
DVGVEGPKGDGPGQGR, MH+ 1729.9509, m/z 577.3218
 H OS G26 P150811 220811-s1.02532.02532.3.dta

scan 2532; 3.0e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2530; 577.3 m/z; 6.4e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
150.0978	1	D	17		
249.1663	2	V	16	1580.8609	790.9344
306.1877	3	G	15	1481.7925	741.4002
405.2561	4	V	14	1424.7710	712.8894
534.2987	5	E	13	1325.7026	663.3552
591.3202	6	G	12	1196.6600	598.8339
688.3730	7	P	11	1139.6386	570.3232
850.5311	8	K	10	1042.5858	521.7968
907.5525	9	G	9	880.4277	440.7178
1022.5795	10	D	8	823.4062	412.2070
1119.6322	11	P	7	708.3793	354.6936
1176.6537	12	G	6	611.3265	306.1672
1273.7065	13	P	5	554.3051	277.6564
1401.7650	14	Q	4	457.2523	229.1301
1458.7865	15	G	3	329.1937	165.1008
1555.8393	16	P	2	272.1723	136.5900
	17	R	1	175.1195	88.0637

N-term:+35.07 K(8):+162.16

DVPVVADPTVPNVTVTR, MH+ 1806.9965, m/z 603.0037
 L OS G24 P150811 220811-s1.04183.04183.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

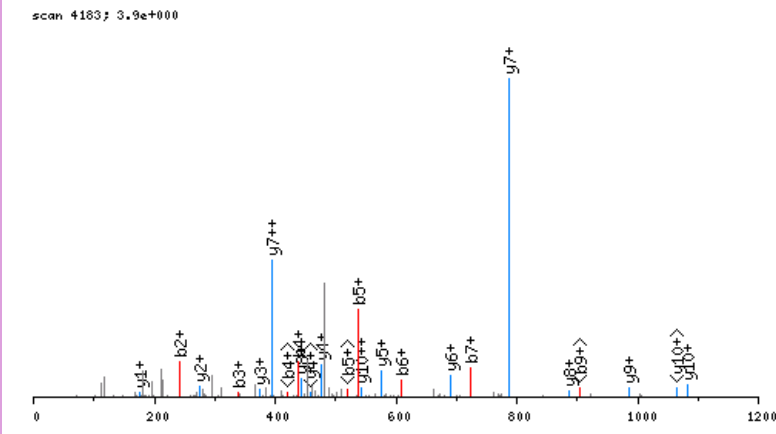
y + 2+ 3+

z + 2+ 3+

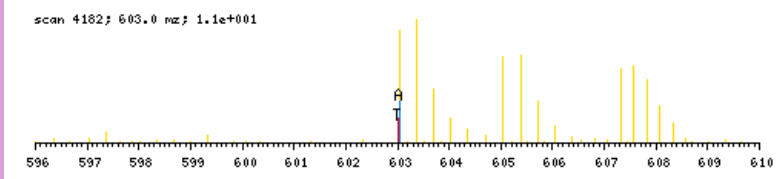
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 17		
243.1345	2	V 16	1663.9383	832.4731
340.1872	3	P 15	1564.8699	782.9389
439.2556	4	V 14	1467.8171	734.4125
538.3240	5	V 13	1368.7487	684.8783
609.3612	6	A 12	1269.6803	635.3441
724.3881	7	D 11	1198.6432	599.8255
821.4409	8	P 10	1083.6162	542.3120
922.4885	9	T 9	986.5635	493.7856
1021.5570	10	V 8	885.5158	443.2618
1118.6097	11	P 7	786.4474	393.7276
1232.6527	12	N 6	689.3946	345.2012
1331.7211	13	V 5	575.3517	288.1798
1432.7687	14	T 4	476.2833	238.6455
1531.8372	15	V 3	375.2356	188.1217
1632.8848	16	T 2	276.1672	138.5875
	17	R 1	175.1195	88.0637

N-term:+29.04

DVQLVESGGGLVQPGGSR, MH+ 1782.9350, m/z 594.9832
 L OS G24 P150811 220811-s1.03894.03894.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

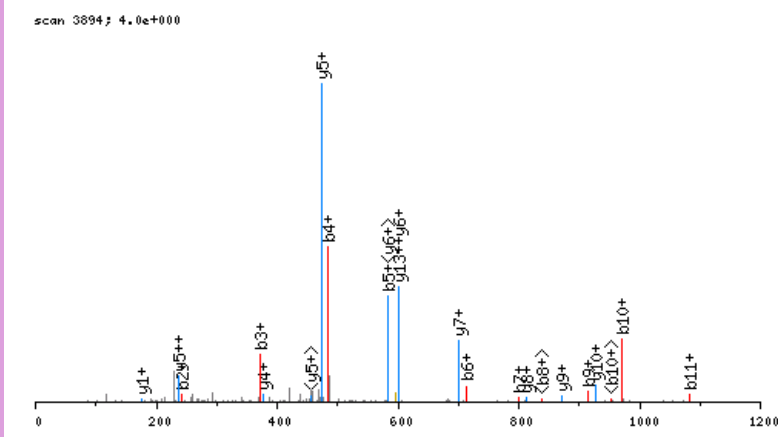
y + 2+ 3+

z + 2+ 3+

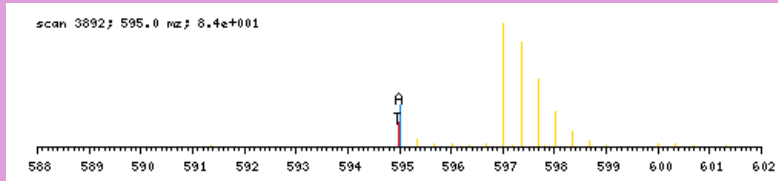
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



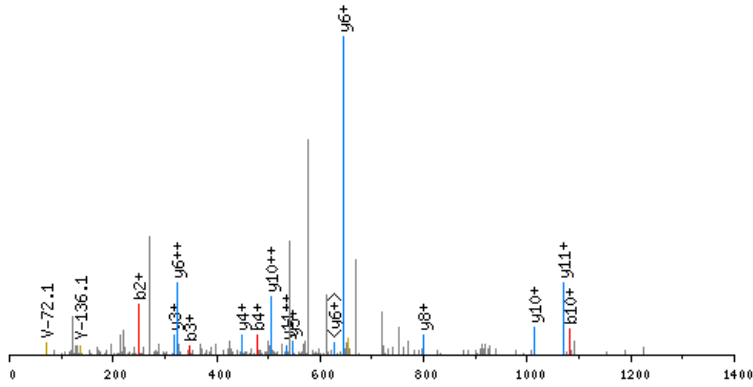
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
144.0660	1	D	18		
243.1345	2	V	17	1639.8768	820.4423
371.1930	3	Q	16	1540.8083	770.9081
484.2771	4	L	15	1412.7498	706.8788
583.3455	5	V	14	1299.6657	650.3368
712.3881	6	E	13	1200.5973	600.8026
799.4201	7	S	12	1071.5547	536.2813
856.4416	8	G	11	984.5227	492.7652
913.4631	9	G	10	927.5012	464.2545
970.4845	10	G	9	870.4797	435.7438
1083.5686	11	L	8	813.4583	407.2331
1182.6370	12	V	7	700.3742	350.6910
1310.6956	13	Q	6	601.3058	301.1568
1407.7483	14	P	5	473.2472	237.1275
1464.7698	15	G	4	376.1945	188.6011
1521.7913	16	G	3	319.1730	160.0904
1608.8233	17	S	2	262.1515	131.5797
	18	R	1	175.1195	88.0637

N-term:+29.04

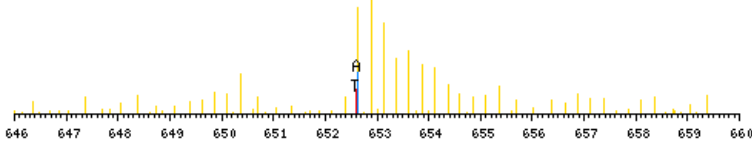
DVVEGEGKAEAAANVTGPDGVPVEGSR, MH+ 2607.3538, m/z 652.5939
 H OS G26 P150811 220811-s1.03953.03953.4.dta

scan 3953; 1.7e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 3950; 652.6 m/z; 8.6e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
150.0978	1	D	26		
249.1663	2	V	25	2458.2638	1229.6358
348.2347	3	V	24	2359.1954	1180.1016
477.2773	4	E	23	2260.1270	1130.5674
534.2987	5	G	22	2131.0844	1066.0461
663.3413	6	E	21	2074.0629	1037.5354
825.4994	7	K	20	1945.0203	973.0141
882.5209	8	G	19	1782.8622	891.9350
953.5580	9	A	18	1725.8408	863.4243
1082.6006	10	E	17	1654.8037	827.9057
1153.6377	11	A	16	1525.7611	763.3844
1224.6748	12	A	15	1454.7239	727.8659
1338.7177	13	N	14	1383.6868	692.3473
1437.7862	14	V	13	1269.6439	635.3259
1538.8338	15	T	12	1170.5755	585.7917
1595.8553	16	G	11	1069.5278	535.2678
1692.9081	17	P	10	1012.5063	506.7571
1807.9350	18	D	9	915.4536	458.2307
1864.9565	19	G	8	800.4266	400.7172
1964.0249	20	V	7	743.4052	372.2065
2061.0777	21	P	6	644.3368	322.6723
2160.1461	22	V	5	547.2840	274.1459
2289.1887	23	E	4	448.2156	224.6117
2346.2101	24	G	3	319.1730	160.0904
2433.2422	25	S	2	262.1515	131.5797
	26	R	1	175.1195	88.0637

N-term:+35.07 K(7):+162.16

DVYKIGGIGTVPVGR, MH+ 1586.9270, m/z 529.6472
 L OS G26 P150811 220811-s1.05107.05107.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

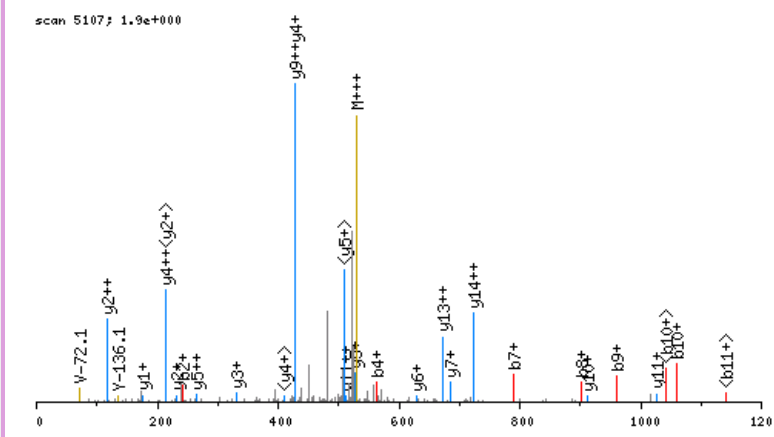
y + 2+ 3+

z + 2+ 3+

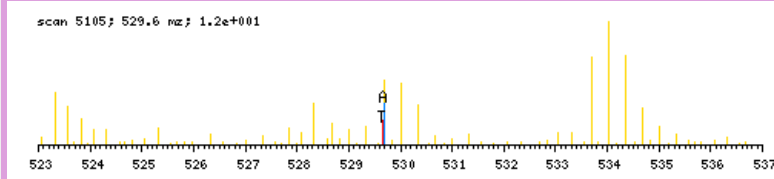
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 15		
243.1345	2	V 14	1443.8688	722.4383
406.1978	3	Y 13	1344.8004	672.9041
562.3241	4	K 12	1181.7371	591.3724
675.4081	5	I 11	1025.6108	513.3093
732.4296	6	G 10	912.5267	456.7673
789.4511	7	G 9	855.5052	428.2565
902.5351	8	I 8	798.4838	399.7458
959.5566	9	G 7	685.3997	343.2038
1060.6043	10	T 6	628.3782	314.6930
1159.6727	11	V 5	527.3306	264.1692
1256.7255	12	P 4	428.2621	214.6350
1355.7939	13	V 3	331.2094	166.1086
1412.8153	14	G 2	232.1410	116.5744
	15	R 1	175.1195	88.0637

N-term:+29.04 K(4):+156.13

DWLSISLPHR, MH+ 1251.6850, m/z 417.8998
 L OS G27 P150811 220811-s1.07005.07005.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

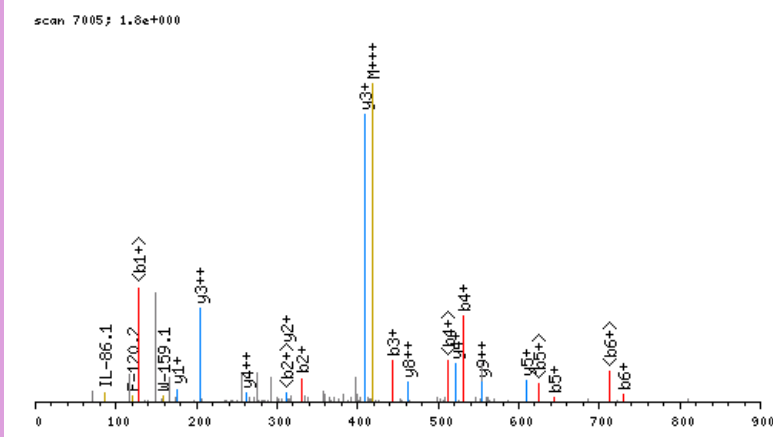
y + 2+ 3+

z + 2+ 3+

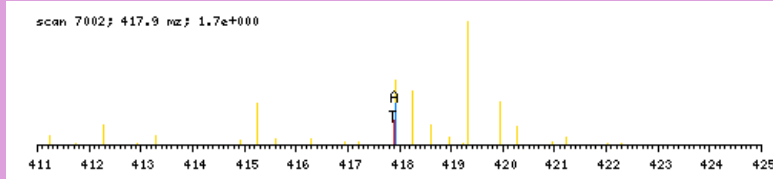
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D	10	
330.1454	2	W	9	1108.6267
443.2294	3	L	8	922.5474
530.2614	4	S	7	809.4634
643.3455	5	I	6	722.4313
730.3775	6	S	5	609.3473
843.4616	7	L	4	522.3152
940.5144	8	P	3	409.2312
1077.5733	9	H	2	312.1784
	10	R	1	175.1195

N-term:+29.04

DYMKEVGVGFATR, MH+ 1528.7834, m/z 510.2660
 L OS G26 P150811 220811-s1.05096.05096.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

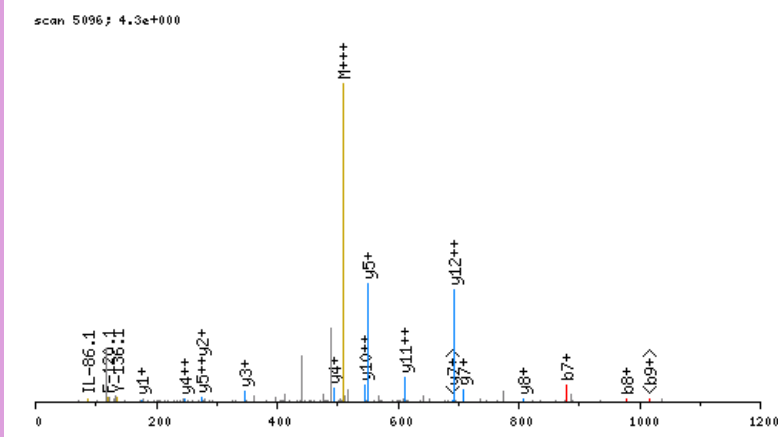
y + 2+ 3+

z + 2+ 3+

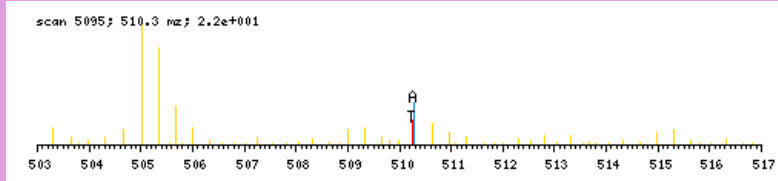
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 13		
307.1294	2	Y 12	1385.7252	693.3665
438.1699	3	M 11	1222.6618	611.8348
594.2962	4	K 10	1091.6214	546.3146
723.3387	5	E 9	935.4951	468.2514
822.4072	6	V 8	806.4525	403.7301
879.4286	7	G 7	707.3840	354.1959
978.4970	8	V 6	650.3626	325.6852
1035.5185	9	G 5	551.2942	276.1510
1182.5869	10	F 4	494.2727	247.6403
1253.6240	11	A 3	347.2043	174.1061
1354.6717	12	T 2	276.1672	138.5875
	13	R 1	175.1195	88.0637

N-term:+29.04 K(4):+156.13

EACCVLLLLWLALFLSIQPR, MH+ 2429.3452, m/z 608.0917
 L OS G28 P150811 220811-s1.08070.08070.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

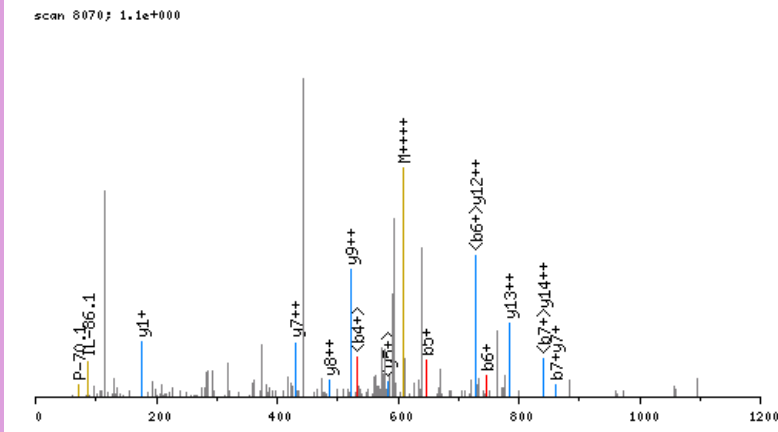
y + 2+ 3+

z + 2+ 3+

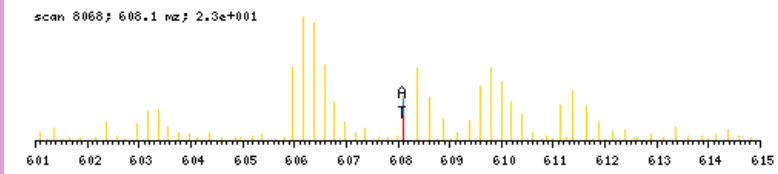
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
158.0817	1	E	20		
229.1188	2	A	19	2272.2713	1136.6396
389.1494	3	C	18	2201.2342	1101.1210
549.1800	4	C	17	2041.2036	1021.1057
648.2484	5	V	16	1881.1730	941.0904
747.3168	6	V	15	1782.1046	891.5562
860.4009	7	L	14	1683.0362	842.0220
973.4850	8	L	13	1569.9521	785.4800
1086.5690	9	L	12	1456.8680	728.9379
1272.6483	10	W	11	1343.7840	672.3959
1385.7324	11	L	10	1157.7047	579.3562
1456.7695	12	A	9	1044.6206	522.8142
1569.8536	13	L	8	973.5835	487.2957
1716.9220	14	F	7	860.4994	430.7536
1830.0061	15	L	6	713.4310	357.2194
1917.0381	16	S	5	600.3469	300.6774
2030.1222	17	I	4	513.3149	257.1614
2158.1807	18	Q	3	400.2308	200.6193
2255.2335	19	P	2	272.1723	136.5900
	20	R	1	175.1195	88.0637

N-term:+29.04 C(3):+160.03
 C(4):+160.03

EADENENITVVKGIR, MH+ 1742.9289, m/z 581.6478
 L OS G26 P150811 220811-s1.03407.03407.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

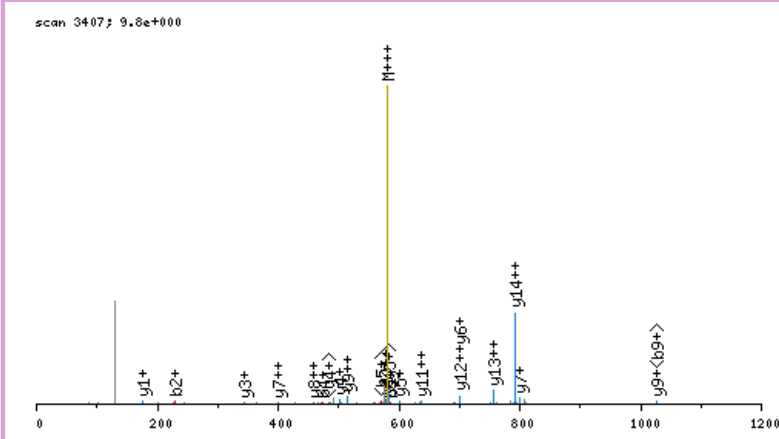
y + 2+ 3+

z + 2+ 3+

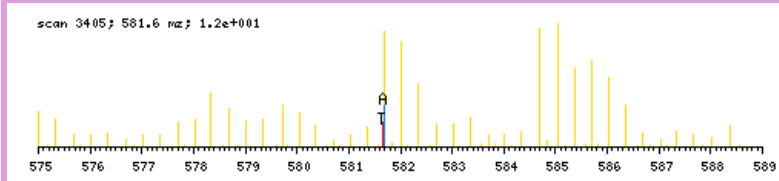
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 15		
229.1188	2	A 14	1585.8550	793.4314
344.1458	3	D 13	1514.8179	757.9129
473.1883	4	E 12	1399.7909	700.3994
587.2313	5	N 11	1270.7483	635.8781
716.2739	6	E 10	1156.7054	578.8566
830.3168	7	N 9	1027.6628	514.3353
943.4009	8	I 8	913.6199	457.3139
1044.4485	9	T 7	800.5358	400.7718
1143.5169	10	V 6	699.4882	350.2480
1242.5854	11	V 5	600.4197	300.7138
1398.7117	12	K 4	501.3513	251.1796
1455.7331	13	G 3	345.2250	173.1164
1568.8172	14	I 2	288.2036	144.6057
	15	R 1	175.1195	88.0637

N-term:+29.04 K(12):+156.13

EALDCILPPTRPDKPLR, MH+ 2160.2486, m/z 540.8176
 H OS G28 P150811 220811-s1.06386.06386.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

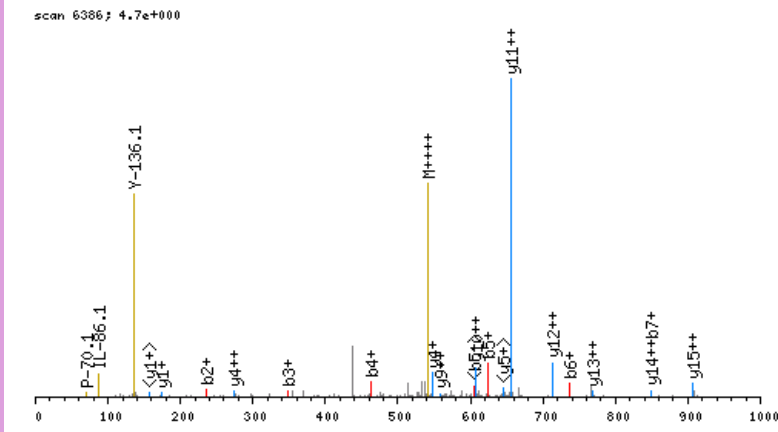
y + 2+ 3+

z + 2+ 3+

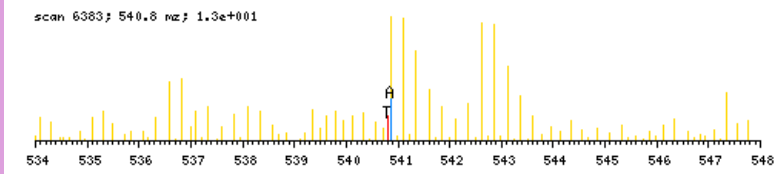
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
164.1135	1	E 18		
235.1506	2	A 17	1997.1430	999.0754
348.2347	3	L 16	1926.1059	963.5568
463.2616	4	D 15	1813.0218	907.0148
623.2922	5	C 14	1697.9949	849.5013
736.3763	6	I 13	1537.9643	769.4860
849.4603	7	L 12	1424.8802	712.9440
946.5131	8	P 11	1311.7961	656.4020
1043.5659	9	P 10	1214.7434	607.8756
1144.6135	10	T 9	1117.6906	559.3492
1300.7147	11	R 8	1016.6429	508.8254
1397.7674	12	P 7	860.5418	430.7748
1498.8151	13	T 6	763.4891	382.2484
1613.8420	14	D 5	662.4414	331.7246
1776.0001	15	K 4	547.4144	274.2111
1873.0529	16	P 3	385.2563	193.1321
1986.1370	17	L 2	288.2036	144.6057
	18	R 1	175.1195	88.0637

N-term:+35.07 C(5):+160.03
 K(15):+162.16

EALDTILPPTRPDKPLR, MH+ 2101.2657, m/z 526.0719
 H OS G27 P150811 220811-s1.05561.05561.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

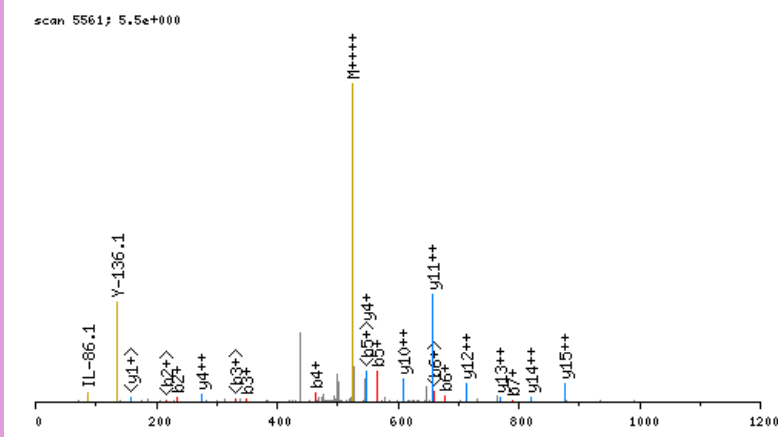
y + 2+ 3+

z + 2+ 3+

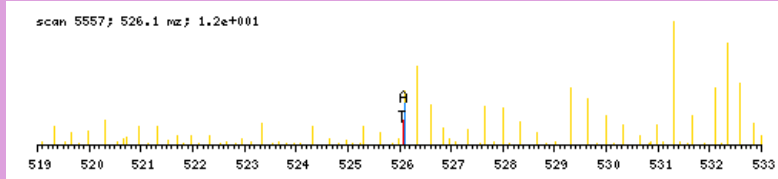
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
164.1135	1	E 18		
235.1506	2	A 17	1938.1601	969.5839
348.2347	3	L 16	1867.1229	934.0654
463.2616	4	D 15	1754.0389	877.5234
564.3093	5	T 14	1639.0119	820.0099
677.3934	6	I 13	1537.9643	769.4860
790.4774	7	L 12	1424.8802	712.9440
887.5302	8	P 11	1311.7961	656.4020
984.5829	9	P 10	1214.7434	607.8756
1085.6306	10	T 9	1117.6906	559.3492
1241.7317	11	R 8	1016.6429	508.8254
1338.7845	12	P 7	860.5418	430.7748
1439.8322	13	T 6	763.4891	382.2484
1554.8591	14	D 5	662.4414	331.7246
1717.0172	15	K 4	547.4144	274.2111
1814.0700	16	P 3	385.2563	193.1321
1927.1541	17	L 2	288.2036	144.6057
	18	R 1	175.1195	88.0637

N-term:+35.07 K(15):+162.16

EALGIKEGTIPPEYR, MH+ 1728.9536, m/z 576.9894
 L OS G26 P150811 220811-s1.04234.04234.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

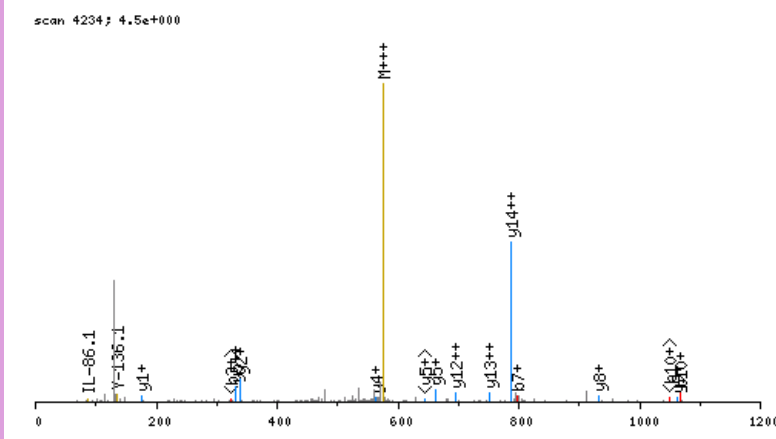
y + 2+ 3+

z + 2+ 3+

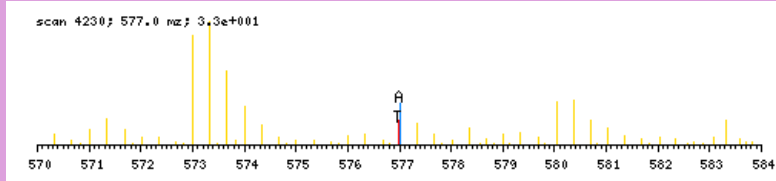
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 15		
229.1188	2	A 14	1571.8798	786.4438
342.2029	3	L 13	1500.8426	750.9252
399.2243	4	G 12	1387.7586	694.3832
512.3084	5	I 11	1330.7371	665.8725
668.4347	6	K 10	1217.6530	609.3304
797.4773	7	E 9	1061.5267	531.2673
854.4988	8	G 8	932.4842	466.7460
955.5464	9	T 7	875.4627	438.2353
1068.6305	10	I 6	774.4150	387.7114
1165.6833	11	P 5	661.3310	331.1694
1262.7360	12	P 4	564.2782	282.6430
1391.7786	13	E 3	467.2254	234.1166
1554.8419	14	Y 2	338.1828	169.5953
	15	R 1	175.1195	88.0637

N-term:+29.04 K(6):+156.13

EAPKVVVEEQESR, MH+ 1456.7648, m/z 486.2598
 L OS G27 P150811 220811-s1.02290.02290.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

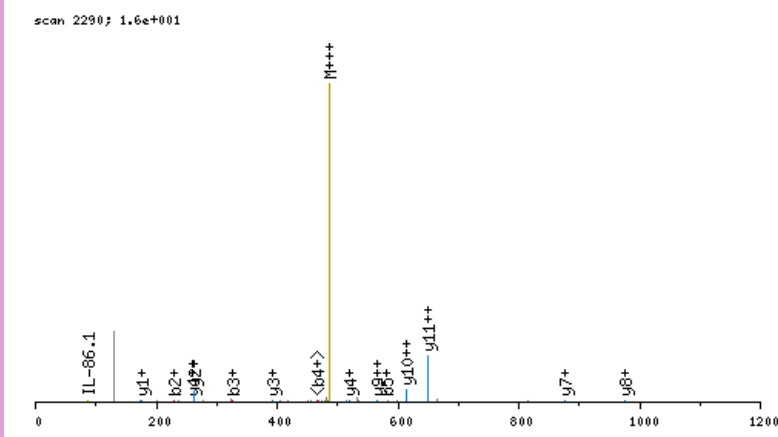
y + 2+ 3+

z + 2+ 3+

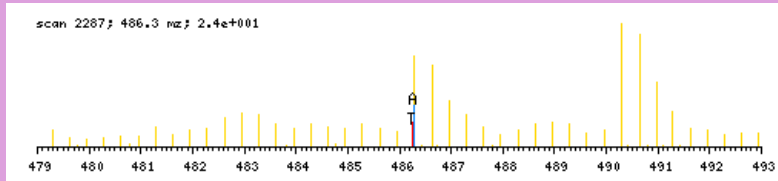
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 12		
229.1188	2	A 11	1299.6909	650.3494
326.1716	3	P 10	1228.6538	614.8308
482.2979	4	K 9	1131.6010	566.3044
581.3663	5	V 8	975.4747	488.2413
680.4347	6	V 7	876.4063	438.7071
809.4773	7	E 6	777.3379	389.1729
938.5199	8	E 5	648.2953	324.6516
1066.5785	9	Q 4	519.2527	260.1303
1195.6211	10	E 3	391.1941	196.1010
1282.6531	11	S 2	262.1515	131.5797
	12	R 1	175.1195	88.0637

N-term:+29.04 K(4):+156.13

ECIGSGVKPPDALQATAR, MH+ 1926.0118, m/z 642.6755
 L OS G26 P150811 220811-s1.03776.03776.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

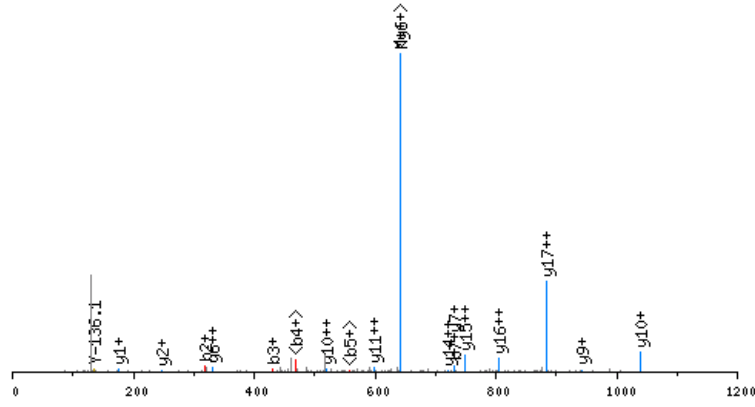
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

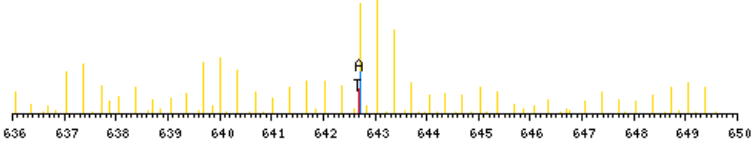
GO

scan 3776; 6.7e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 3775; 642.7 m/z; 1.4e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
158.0817	1	E	18		
318.1123	2	C	17	1768.9380	884.9729
431.1964	3	I	16	1608.9074	804.9576
488.2178	4	G	15	1495.8233	748.4156
575.2498	5	S	14	1438.8018	719.9048
632.2713	6	G	13	1351.7698	676.3888
731.3397	7	V	12	1294.7483	647.8781
887.4660	8	K	11	1195.6799	598.3439
984.5188	9	P	10	1039.5536	520.2807
1081.5716	10	P	9	942.5009	471.7543
1196.5985	11	D	8	845.4481	423.2280
1267.6356	12	A	7	730.4212	365.7145
1380.7197	13	L	6	659.3840	330.1959
1508.7783	14	Q	5	546.3000	273.6539
1579.8154	15	A	4	418.2414	209.6246
1680.8630	16	T	3	347.2043	174.1061
1751.9002	17	A	2	246.1566	123.5822
	18	R	1	175.1195	88.0637

N-term:+29.04 C(2):+160.03
 K(8):+156.13

EDEEHSVIPQR, MH+ 1366.6603, m/z 456.2249
 L OS G27 P150811 220811-s1.02616.02616.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

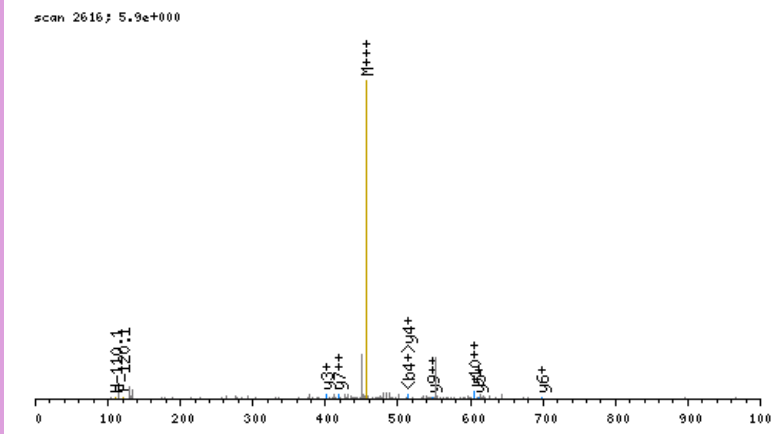
y + 2+ 3+

z + 2+ 3+

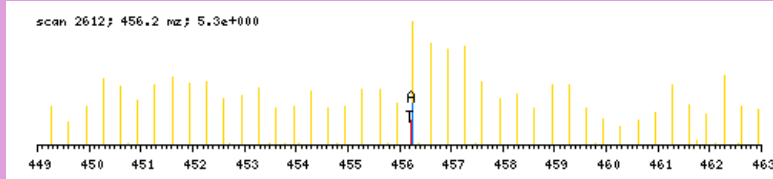
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



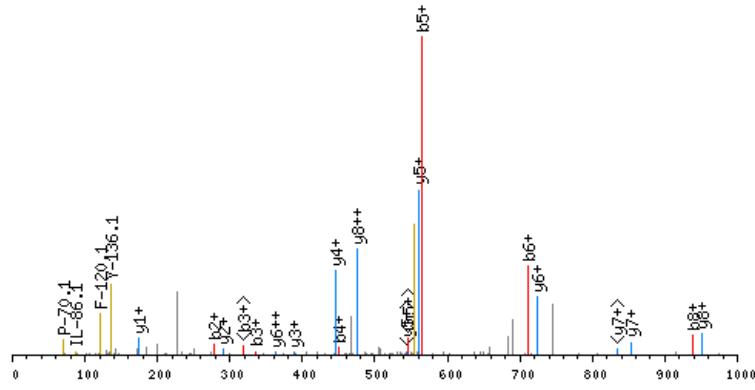
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 11		
273.1086	2	D 10	1209.5864	605.2971
402.1512	3	E 9	1094.5594	547.7836
531.1938	4	E 8	965.5169	483.2623
668.2527	5	H 7	836.4743	418.7410
755.2848	6	S 6	699.4153	350.2116
854.3532	7	V 5	612.3833	306.6956
967.4372	8	I 4	513.3149	257.1614
1064.4900	9	P 3	400.2308	200.6193
1192.5486	10	Q 2	303.1781	152.0930
	11	R 1	175.1195	88.0637

N-term:+29.04

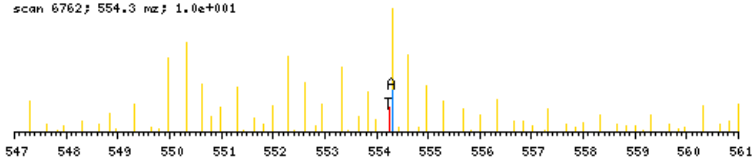
EDGLDFPEYDGVDR, MH+ 1660.7554, m/z 554.2567
 H OS G25 P150811 220811-s1.06763.06763.3.dta

scan 6763; 3.0e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6762; 554.3 m/z; 1.0e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
164.1135	1	E 14		
279.1404	2	D 13	1497.6498	749.3288
336.1619	3	G 12	1382.6228	691.8153
449.2460	4	L 11	1325.6014	663.3046
564.2729	5	D 10	1212.5173	606.7626
711.3413	6	F 9	1097.4904	549.2491
808.3941	7	P 8	950.4220	475.7149
937.4367	8	E 7	853.3692	427.1885
1100.5000	9	Y 6	724.3266	362.6672
1215.5269	10	D 5	561.2633	281.1355
1272.5484	11	G 4	446.2363	223.6221
1371.6168	12	V 3	389.2149	195.1113
1486.6438	13	D 2	290.1464	145.5771
	14	R 1	175.1195	88.0637

N-term:+35.07

EDICPSTHNMDVPNIKR, MH+ 2082.0112, m/z 521.2583
 L OS G28 P150811 220811-s1.04831.04831.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a 2+ 3+

b 2+ 3+

c 2+ 3+

x 2+ 3+

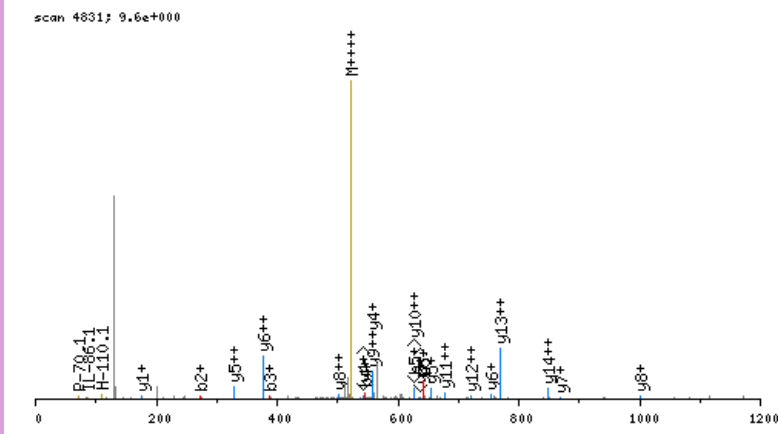
y 2+ 3+

z 2+ 3+

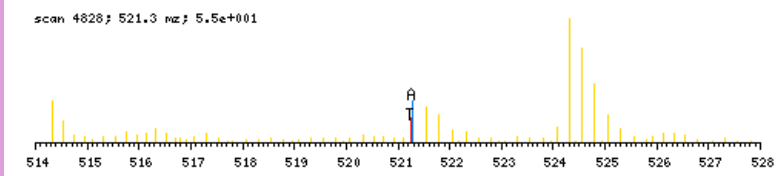
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
158.0817	1	E	17		
273.1086	2	D	16	1924.9373	962.9726
386.1927	3	I	15	1809.9104	905.4591
546.2233	4	C	14	1696.8263	848.9171
643.2761	5	P	13	1536.7957	768.9018
730.3081	6	S	12	1439.7429	720.3754
831.3558	7	T	11	1352.7109	676.8594
968.4147	8	H	10	1251.6632	626.3355
1082.4576	9	N	9	1114.6043	557.8061
1213.4981	10	M	8	1000.5614	500.7846
1328.5250	11	D	7	869.5209	435.2644
1427.5935	12	V	6	754.4940	377.7509
1524.6462	13	P	5	655.4256	328.2167
1638.6891	14	N	4	558.3728	279.6903
1751.7732	15	I	3	444.3299	222.6688
1907.8995	16	K	2	331.2458	166.1268
	17	R	1	175.1195	88.0637

N-term: +29.04 C(4): +160.03
 K(16): +156.13

EDIDLPEPFDAR, MH+ 1448.6909, m/z 483.5685
 L OS G25 P150811 220811-s1.06785.06785.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

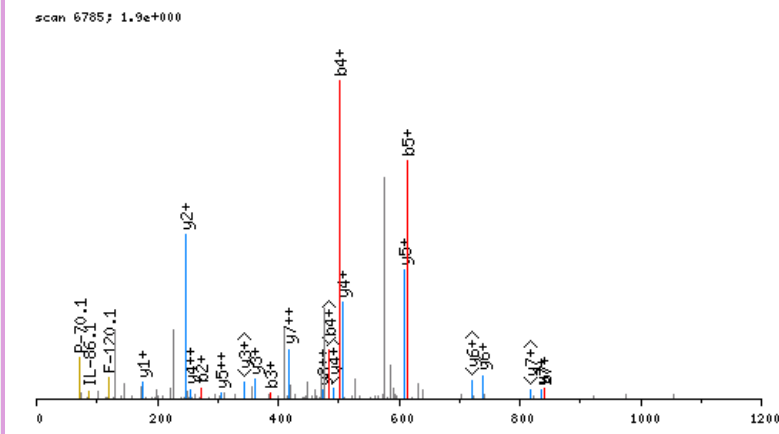
y + 2+ 3+

z + 2+ 3+

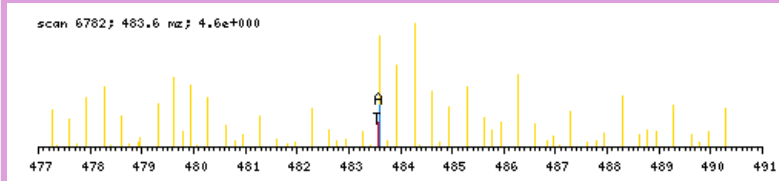
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 12		
273.1086	2	D 11	1291.6170	646.3124
386.1927	3	I 10	1176.5901	588.7990
501.2196	4	D 9	1063.5060	532.2569
614.3037	5	L 8	948.4791	474.7434
711.3565	6	P 7	835.3950	418.2014
840.3991	7	E 6	738.3422	369.6750
941.4467	8	T 5	609.2997	305.1537
1088.5152	9	F 4	508.2520	254.6299
1203.5421	10	D 3	361.1836	181.0957
1274.5792	11	A 2	246.1566	123.5822
	12	R 1	175.1195	88.0637

N-term:+29.04

EDIPEVSCIHNGLR, MH+ 1666.8222, m/z 556.2789
 L OS G27 P150811 220811-s1.05294.05294.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

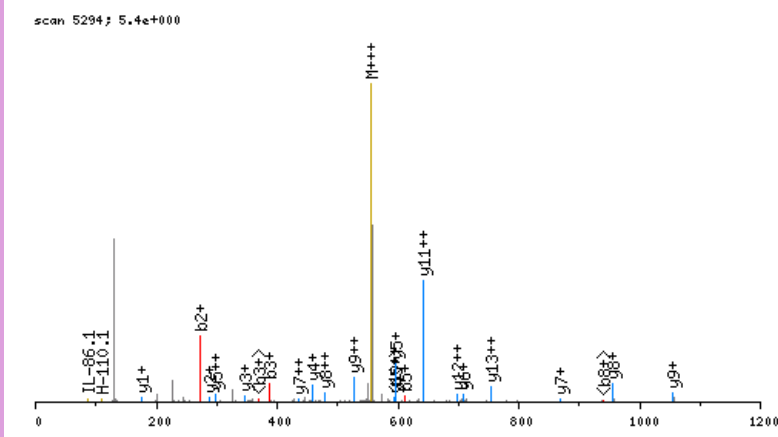
y + 2+ 3+

z + 2+ 3+

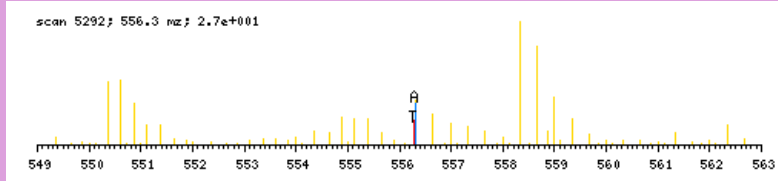
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



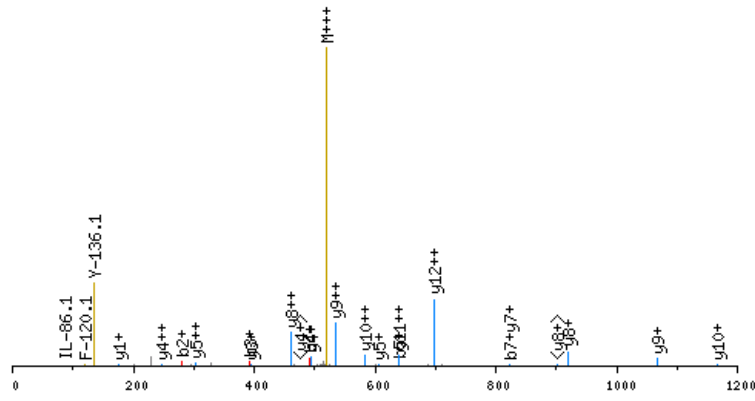
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 14		
273.1086	2	D 13	1509.7483	755.3781
386.1927	3	I 12	1394.7214	697.8646
483.2455	4	P 11	1281.6373	641.3226
612.2881	5	E 10	1184.5846	592.7962
711.3565	6	V 9	1055.5420	528.2749
798.3885	7	S 8	956.4736	478.7407
958.4191	8	C 7	869.4415	435.2247
1071.5032	9	I 6	709.4109	355.2094
1208.5621	10	H 5	596.3269	298.6673
1322.6050	11	N 4	459.2680	230.1379
1379.6265	12	G 3	345.2250	173.1164
1492.7105	13	L 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+29.04 C(8):+160.03

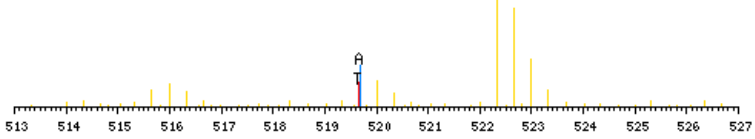
EDLVFPSEIVGKR, MH+ 1556.9324, m/z 519.6490
 H OS G26 P150811 220811-s1.05561.05561.3.dta

scan 5561: 1.2e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5560: 519.6 m/z; 5.6e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
164.1135	1	E 13		
279.1404	2	D 12	1393.8268	697.4173
392.2245	3	L 11	1278.7998	639.9038
491.2929	4	V 10	1165.7158	583.3618
638.3613	5	F 9	1066.6473	533.8276
735.4141	6	P 8	919.5789	460.2934
822.4461	7	S 7	822.5262	411.7670
951.4887	8	E 6	735.4941	368.2510
1064.5728	9	I 5	606.4515	303.7297
1163.6412	10	V 4	493.3675	247.1877
1220.6627	11	G 3	394.2991	197.6534
1382.8208	12	K 2	337.2776	169.1427
	13	R 1	175.1195	88.0637

N-term:+35.07 K(12):+162.16

EDPVKVIIEGFSR, MH+ 1572.8910, m/z 524.9685
 H OS G26 P150811 220811-s1.06566.06566.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

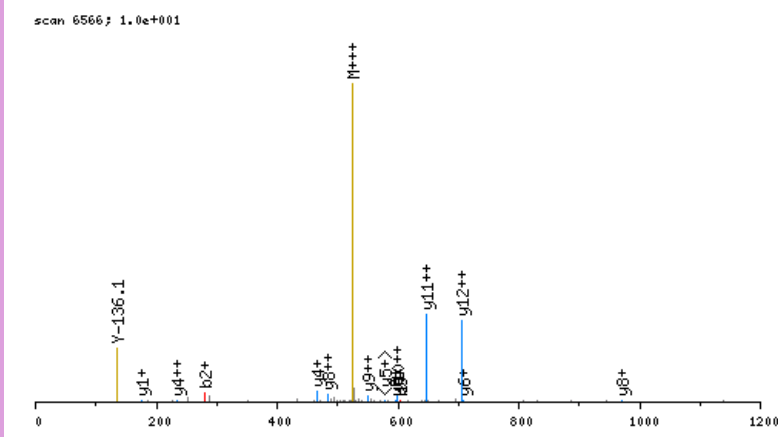
y + 2+ 3+

z + 2+ 3+

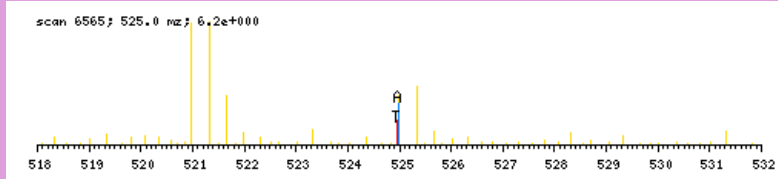
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
164.1135	1	E	13		
279.1404	2	D	12	1409.7853	705.3966
376.1932	3	P	11	1294.7583	647.8831
475.2616	4	V	10	1197.7056	599.3567
604.3042	5	E	9	1098.6372	549.8225
766.4623	6	K	8	969.5946	485.3012
865.5307	7	V	7	807.4365	404.2222
978.6148	8	I	6	708.3681	354.6879
1107.6574	9	E	5	595.2840	298.1459
1164.6788	10	G	4	466.2414	233.6246
1311.7473	11	F	3	409.2199	205.1139
1398.7793	12	S	2	262.1515	131.5797
	13	R	1	175.1195	88.0637

N-term:+35.07 K(6):+162.16

EDTEDWRPR, MH+ 1237.6025, m/z 413.2057
 H OS G28 P150811 220811-s1.02940.02940.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

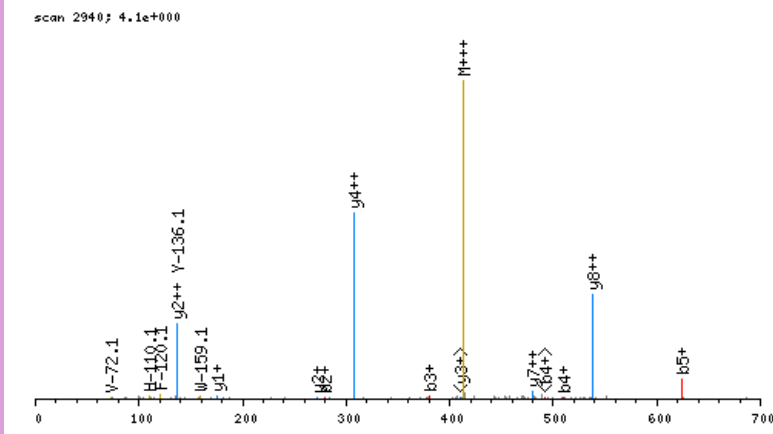
y + 2+ 3+

z + 2+ 3+

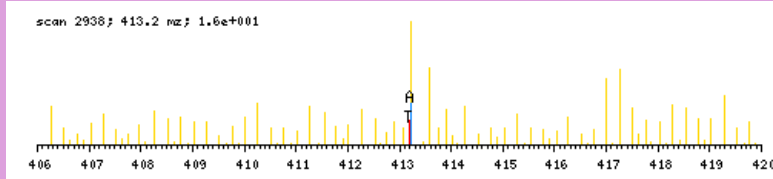
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



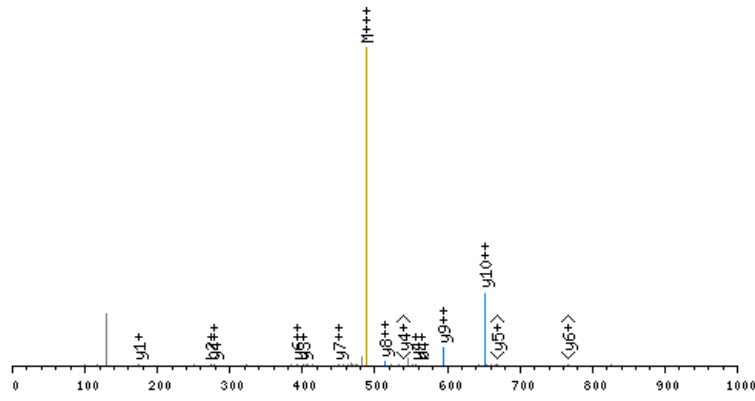
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
164.1135	1	E	9	
279.1404	2	D	8	1074.4968
380.1881	3	T	7	959.4699
509.2307	4	E	6	858.4222
624.2577	5	D	5	729.3796
810.3370	6	W	4	614.3527
966.4381	7	R	3	428.2734
1063.4908	8	P	2	272.1723
	9	R	1	175.1195

N-term: +35.07

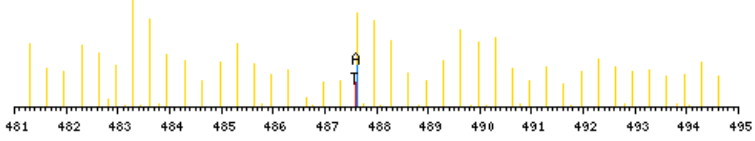
EDYQIVERPQR, MH+ 1460.7497, m/z 487.5881
 L OS G27 P150811 220811-s1.03130.03130.3.dta

scan 3130; 1.2e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 3127; 487.6 m/z; 5.5e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E	11	
273.1086	2	D	10	1303.6759
436.1720	3	Y	9	1188.6489
564.2305	4	Q	8	1025.5856
677.3146	5	I	7	897.5270
776.3830	6	V	6	784.4430
905.4256	7	E	5	685.3745
1061.5267	8	R	4	556.3320
1158.5795	9	P	3	400.2308
1286.6381	10	Q	2	303.1781
	11	R	1	175.1195

N-term:+29.04

EDYYYYHPPPR, MH+ 1370.6593, m/z 457.5580
 H OS G27 P150811 220811-s1.03081.03081.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

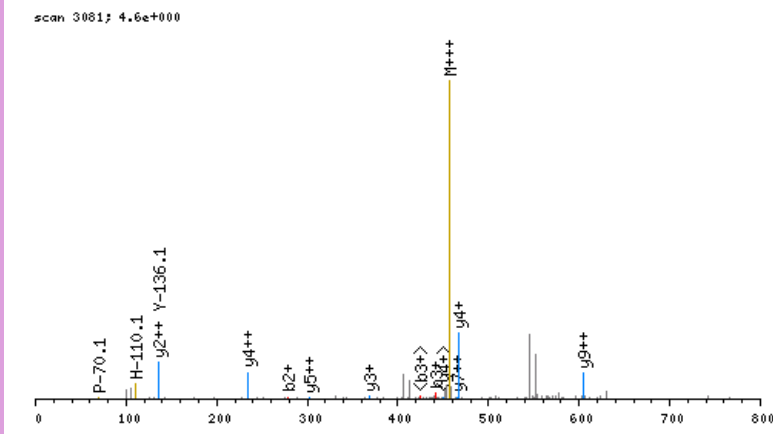
y + 2+ 3+

z + 2+ 3+

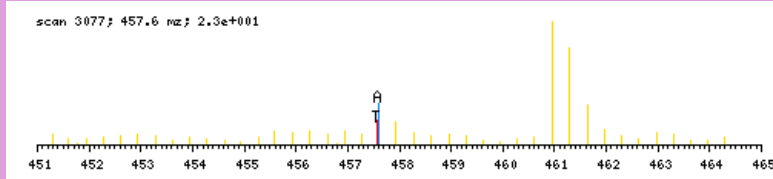
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
164.1135	1	E 10		
279.1404	2	D 9	1207.5536	604.2807
442.2038	3	Y 8	1092.5267	546.7673
605.2671	4	Y 7	929.4634	465.2356
768.3304	5	Y 6	766.4000	383.7039
905.3893	6	H 5	603.3367	302.1723
1002.4421	7	P 4	466.2778	233.6428
1099.4949	8	P 3	369.2250	185.1164
1196.5476	9	P 2	272.1723	136.5900
	10	R 1	175.1195	88.0637

N-term:+35.07

EEALGDKAVFAGR, MH+ 1430.8280, m/z 477.6142
 H OS G27 P150811 220811-s1.04126.04126.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

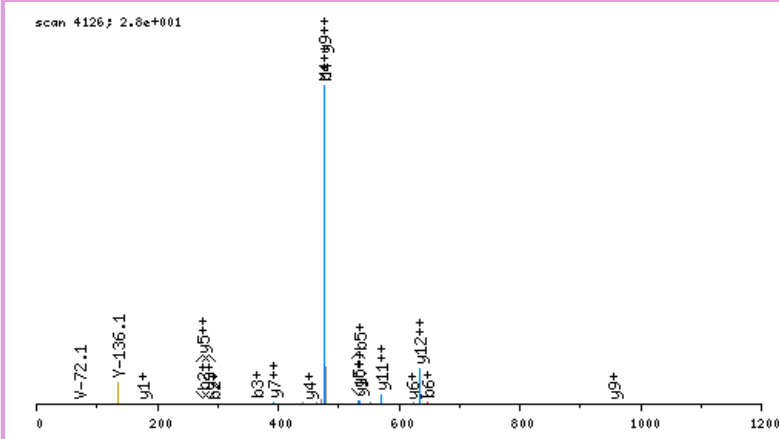
y + 2+ 3+

z + 2+ 3+

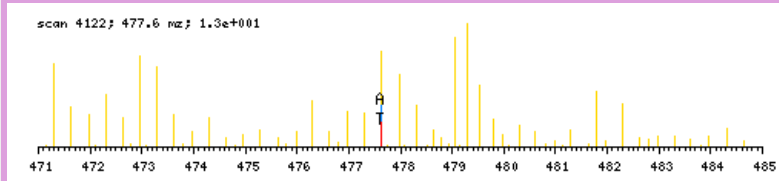
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
164.1135	1	E 13		
293.1561	2	E 12	1267.7223	634.3651
364.1932	3	A 11	1138.6797	569.8438
477.2773	4	L 10	1067.6426	534.3252
534.2987	5	G 9	954.5585	477.7832
649.3257	6	D 8	897.5371	449.2724
811.4838	7	K 7	782.5101	391.7590
882.5209	8	A 6	620.3520	310.6799
981.5893	9	V 5	549.3149	275.1614
1128.6577	10	F 4	450.2465	225.6272
1199.6948	11	A 3	303.1781	152.0930
1256.7163	12	G 2	232.1410	116.5744
	13	R 1	175.1195	88.0637

N-term:+35.07 K(7):+162.16

EEIAMATVTALR, MH+ 1338.7515, m/z 669.8794
 H OS G25 P150811 220811-s1.06498.06498.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

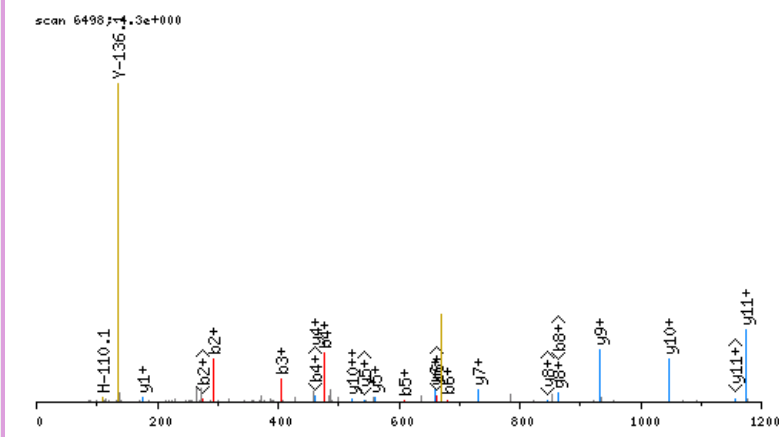
y + 2+ 3+

z + 2+ 3+

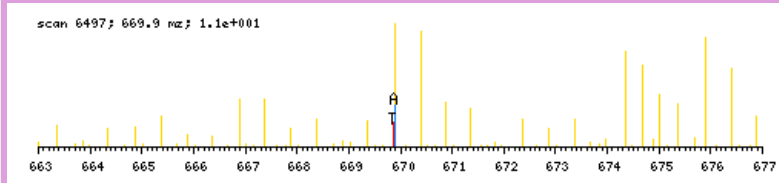
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
164.1135	1	E 12		
293.1561	2	E 11	1175.6458	588.3268
406.2402	3	I 10	1046.6032	523.8055
477.2773	4	A 9	933.5192	467.2635
608.3177	5	M 8	862.4820	431.7449
679.3549	6	A 7	731.4416	366.2247
780.4025	7	T 6	660.4044	330.7061
879.4710	8	V 5	559.3568	280.1823
980.5186	9	T 4	460.2884	230.6481
1051.5557	10	A 3	359.2407	180.1243
1164.6398	11	L 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+35.07

EEIDNAPEER, MH+ 1229.5650, m/z 615.2861
 L OS G25 P150811 220811-s1.02160.02160.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

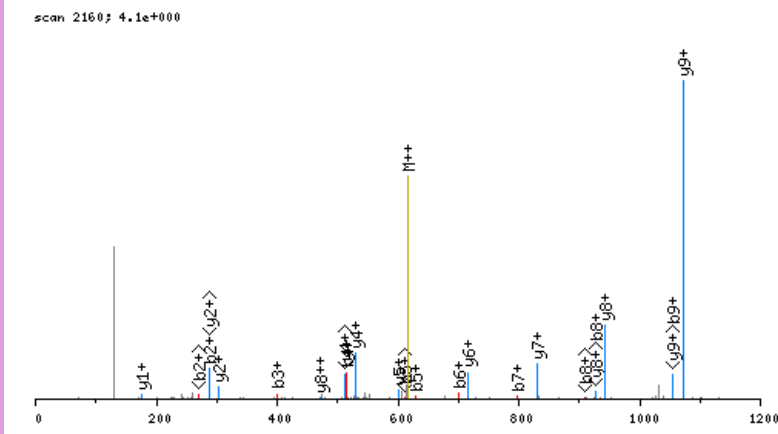
y + 2+ 3+

z + 2+ 3+

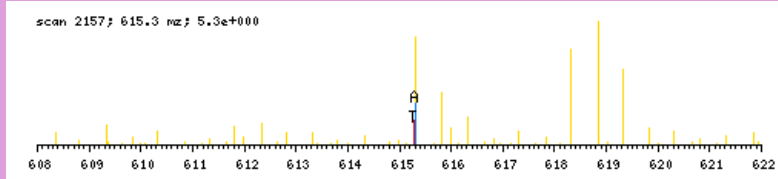
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 10		
287.1243	2	E 9	1072.4911	536.7495
400.2084	3	I 8	943.4485	472.2282
515.2353	4	D 7	830.3644	415.6861
629.2782	5	N 6	715.3375	358.1727
700.3153	6	A 5	601.2946	301.1512
797.3681	7	P 4	530.2575	265.6326
926.4107	8	E 3	433.2047	217.1063
1055.4533	9	E 2	304.1621	152.5850
	10	R 1	175.1195	88.0637

N-term:+29.04

EEIKDFLLTAR, MH+ 1390.7946, m/z 464.2697
 L OS G27 P150811 220811-s1.06604.06604.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

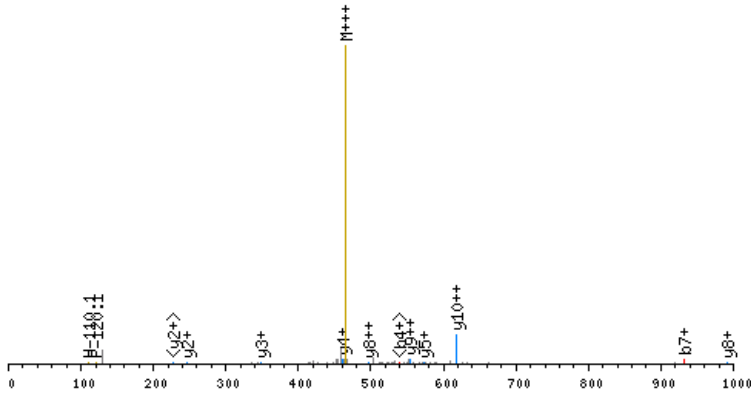
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

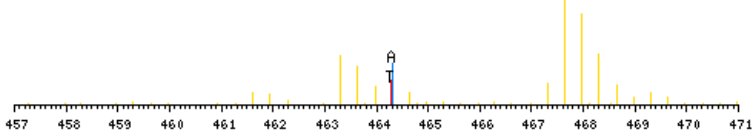
GO

scan 6604; 1.0e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6602; 464.3 m/z; 2.0e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 11		
287.1243	2	E 10	1233.7207	617.3643
400.2084	3	I 9	1104.6781	552.8430
556.3347	4	K 8	991.5941	496.3010
671.3616	5	D 7	835.4678	418.2378
818.4300	6	F 6	720.4408	360.7243
931.5141	7	L 5	573.3724	287.1901
1044.5981	8	L 4	460.2884	230.6481
1145.6458	9	T 3	347.2043	174.1061
1216.6829	10	A 2	246.1566	123.5822
	11	R 1	175.1195	88.0637

N-term:+29.04 K(4):+156.13

EKQCDFPTVENGR, MH+ 1764.8226, m/z 588.9457
 L OS G27 P150811 220811-s1.03236.03236.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

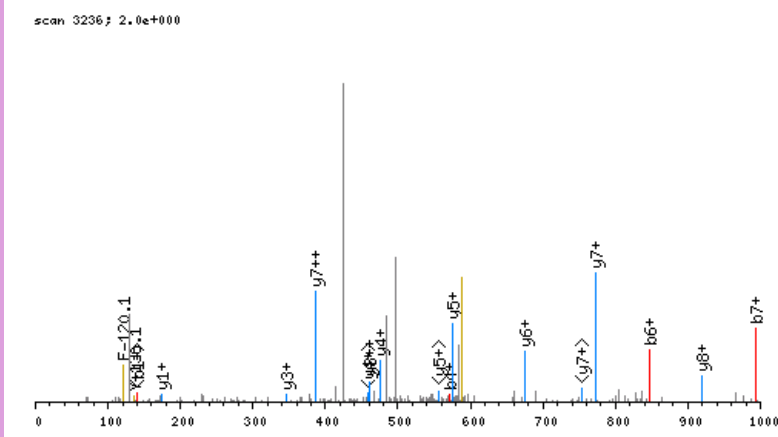
y + 2+ 3+

z + 2+ 3+

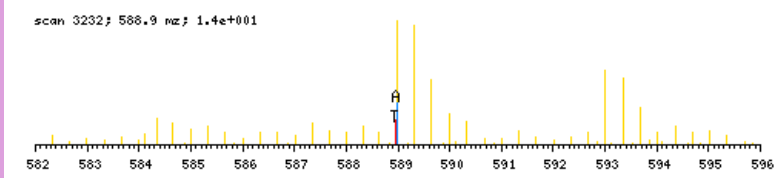
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 14		
287.1243	2	E 13	1607.7488	804.3783
443.2506	3	K 12	1478.7062	739.8570
571.3092	4	Q 11	1322.5799	661.7939
731.3398	5	C 10	1194.5213	597.7646
846.3667	6	D 9	1034.4907	517.7493
993.4351	7	F 8	919.4638	460.2358
1090.4879	8	P 7	772.3953	386.7016
1191.5356	9	T 6	675.3426	338.1752
1290.6040	10	V 5	574.2949	287.6514
1419.6466	11	E 4	475.2265	238.1172
1533.6895	12	N 3	346.1839	173.5959
1590.7110	13	G 2	232.1410	116.5744
	14	R 1	175.1195	88.0637

N-term:+29.04 K(3):+156.13
 C(5):+160.03

EEQGADAALHFNPR, MH+ 1582.7614, m/z 528.2586
 L OS G27 P150811 220811-s1.04214.04214.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

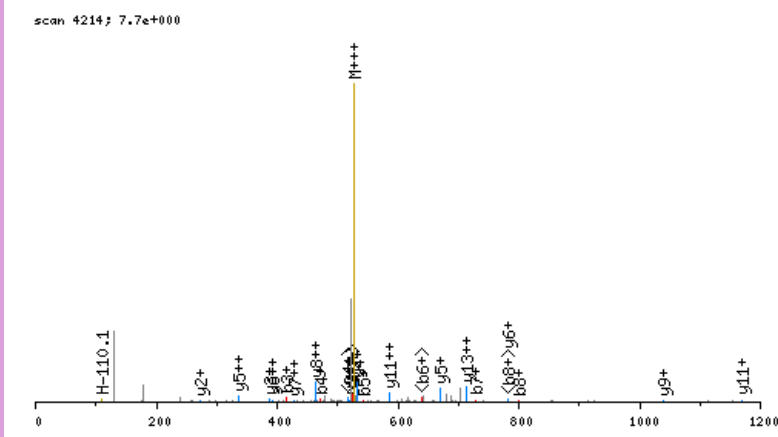
y + 2+ 3+

z + 2+ 3+

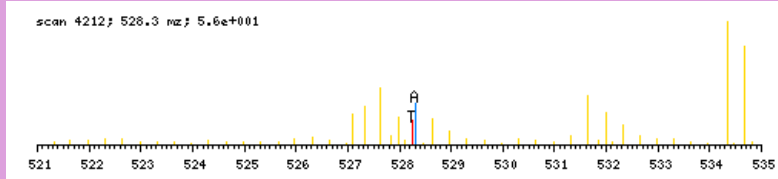
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 14		
287.1243	2	E 13	1425.6875	713.3477
415.1829	3	Q 12	1296.6449	648.8264
472.2043	4	G 11	1168.5863	584.7971
543.2414	5	A 10	1111.5649	556.2863
658.2684	6	D 9	1040.5278	520.7678
729.3055	7	A 8	925.5008	463.2543
800.3426	8	A 7	854.4637	427.7358
913.4267	9	L 6	783.4266	392.2172
1050.4856	10	H 5	670.3425	335.6752
1197.5540	11	F 4	533.2836	267.1457
1311.5969	12	N 3	386.2152	193.6115
1408.6497	13	P 2	272.1723	136.5900
	14	R 1	175.1195	88.0637

N-term:+29.04

EEQLDEEHLESHR, MH+ 1678.7672, m/z 420.4473
 L OS G28 P150811 220811-s1.02754.02754.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

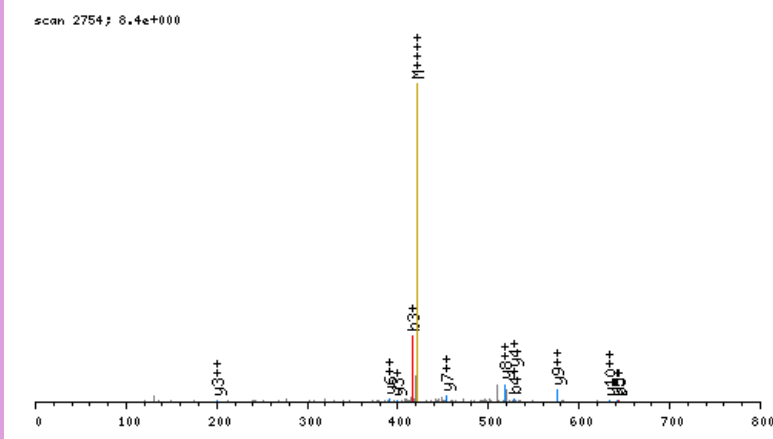
y + 2+ 3+

z + 2+ 3+

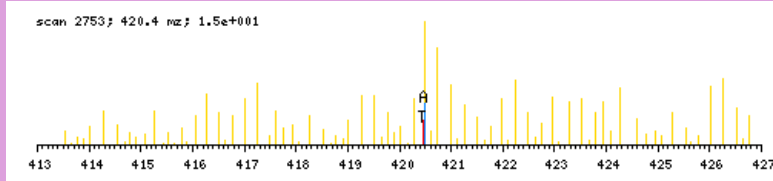
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 13		
287.1243	2	E 12	1521.6934	761.3506
415.1829	3	Q 11	1392.6508	696.8293
528.2669	4	L 10	1264.5922	632.8000
643.2939	5	D 9	1151.5081	576.2580
772.3365	6	E 8	1036.4812	518.7445
901.3791	7	E 7	907.4386	454.2232
1038.4380	8	H 6	778.3960	389.7019
1151.5220	9	L 5	641.3371	321.1725
1280.5646	10	E 4	528.2530	264.6304
1367.5967	11	S 3	399.2104	200.1091
1504.6556	12	H 2	312.1784	156.5931
	13	R 1	175.1195	88.0637

N-term:+29.04

EEVEDASEEAPLR, MH+ 1507.7340, m/z 754.3706
 H OS G25 P150811 220811-s1.03646.03646.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

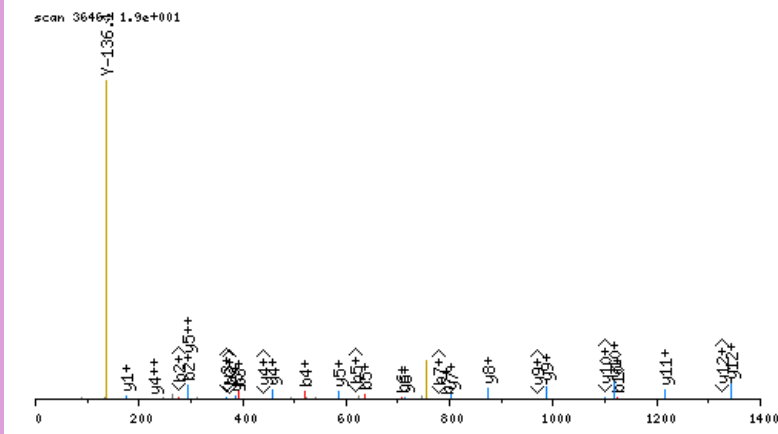
y + 2+ 3+

z + 2+ 3+

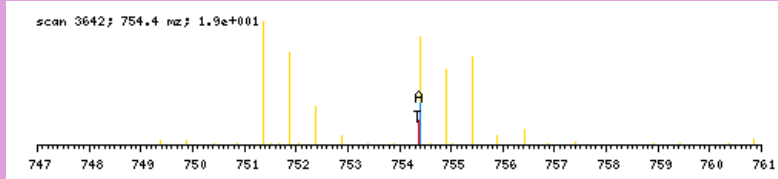
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
164.1135	1	E 13		
293.1561	2	E 12	1344.6283	672.8181
392.2245	3	V 11	1215.5857	608.2968
521.2671	4	E 10	1116.5173	558.7626
636.2940	5	D 9	987.4747	494.2413
707.3312	6	A 8	872.4478	436.7278
794.3632	7	S 7	801.4107	401.2092
923.4058	8	E 6	714.3786	357.6932
1052.4484	9	E 5	585.3360	293.1719
1123.4855	10	A 4	456.2934	228.6506
1220.5382	11	P 3	385.2563	193.1321
1333.6223	12	L 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+35.07

EEVHVSSNADEEDIR, MH+ 1756.7989, m/z 586.2712
 L OS G27 P150811 220811-s1.03043.03043.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

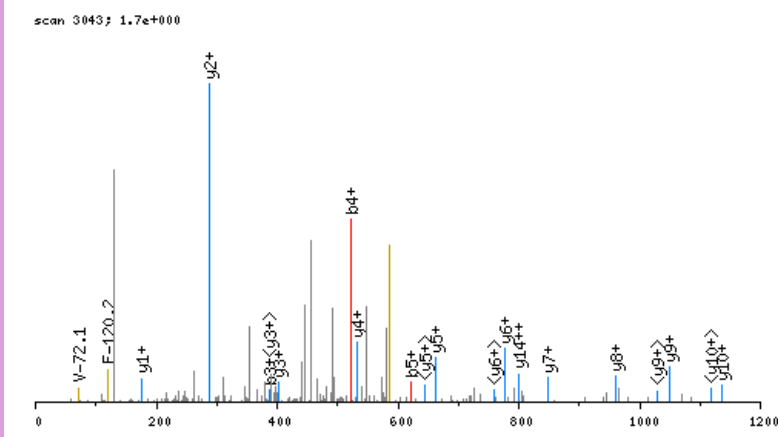
y + 2+ 3+

z + 2+ 3+

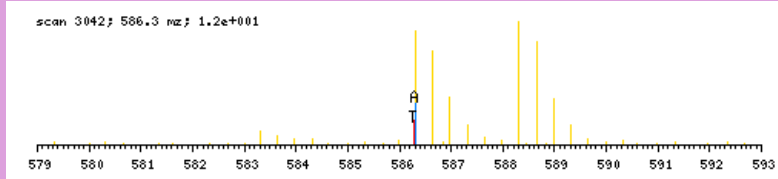
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 15		
287.1243	2	E 14	1599.7251	800.3664
386.1927	3	V 13	1470.6825	735.8452
523.2516	4	H 12	1371.6141	686.3109
622.3200	5	V 11	1234.5551	617.7815
709.3521	6	S 10	1135.4867	568.2473
796.3841	7	S 9	1048.4547	524.7313
910.4270	8	N 8	961.4227	481.2153
981.4641	9	A 7	847.3798	424.1938
1096.4911	10	D 6	776.3426	388.6752
1225.5337	11	E 5	661.3157	331.1618
1354.5763	12	E 4	532.2731	266.6405
1469.6032	13	D 3	403.2305	202.1192
1582.6873	14	I 2	288.2036	144.6057
	15	R 1	175.1195	88.0637

N-term:+29.04

EEVTLEPLPETLQAKNR, MH+ 2035.1712, m/z 679.0619
 H OS G26 P150811 220811-s1.05074.05074.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

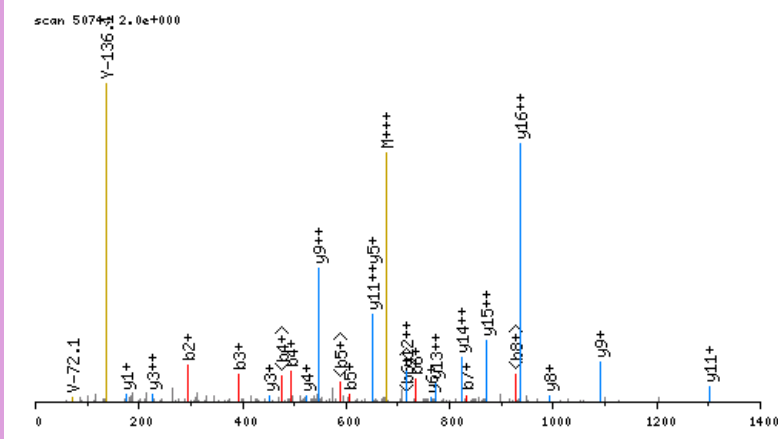
y + 2+ 3+

z + 2+ 3+

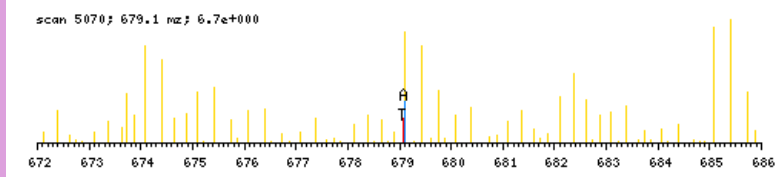
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
164.1135	1	E	17		
293.1561	2	E	16	1872.0655	936.5367
392.2245	3	V	15	1743.0229	872.0154
493.2722	4	T	14	1643.9545	822.4812
606.3562	5	L	13	1542.9068	771.9573
735.3988	6	E	12	1429.8227	715.4153
832.4516	7	P	11	1300.7801	650.8940
945.5357	8	L	10	1203.7274	602.3676
1042.5884	9	P	9	1090.6433	545.8256
1171.6310	10	E	8	993.5906	497.2992
1272.6787	11	T	7	864.5480	432.7779
1385.7628	12	L	6	763.5003	382.2541
1513.8213	13	Q	5	650.4162	325.7120
1584.8585	14	A	4	522.3576	261.6827
1747.0166	15	K	3	451.3205	226.1642
1861.0595	16	N	2	289.1624	145.0851
	17	R	1	175.1195	88.0637

N-term:+35.07 K(15):+162.16

EEYGKIDTIEIITDR, MH+ 1863.0387, m/z 621.6844
 H OS G26 P150811 220811-s1.05552.05552.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

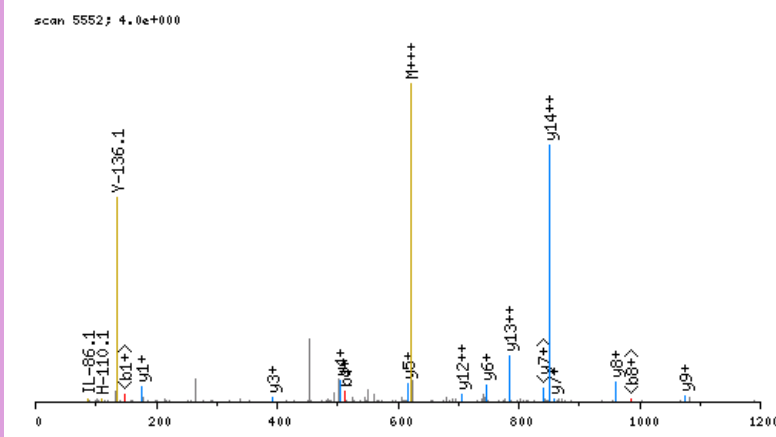
y + 2+ 3+

z + 2+ 3+

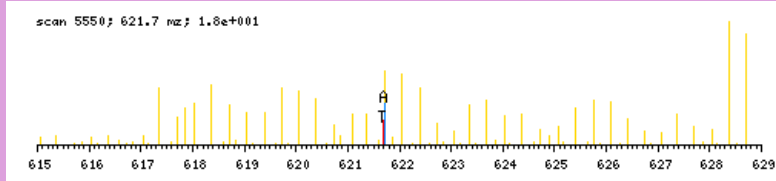
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
164.1135	1	E 15		
293.1561	2	E 14	1699.9331	850.4705
456.2194	3	Y 13	1570.8905	785.9492
513.2409	4	G 12	1407.8272	704.4175
675.3990	5	K 11	1350.8057	675.9068
788.4830	6	I 10	1188.6476	594.8277
903.5100	7	D 9	1075.5635	538.2857
1004.5577	8	T 8	960.5366	480.7722
1117.6417	9	I 7	859.4889	430.2484
1246.6843	10	E 6	746.4048	373.7063
1359.7684	11	I 5	617.3623	309.1850
1472.8524	12	I 4	504.2782	252.6430
1573.9001	13	T 3	391.1941	196.1010
1688.9271	14	D 2	290.1464	145.5771
	15	R 1	175.1195	88.0637

N-term:+35.07 K(5):+162.16

EFKEAFTVIDQNR, MH+ 1664.9284, m/z 555.6477
H OS G27 P150811 220811-s1.05878.05878.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

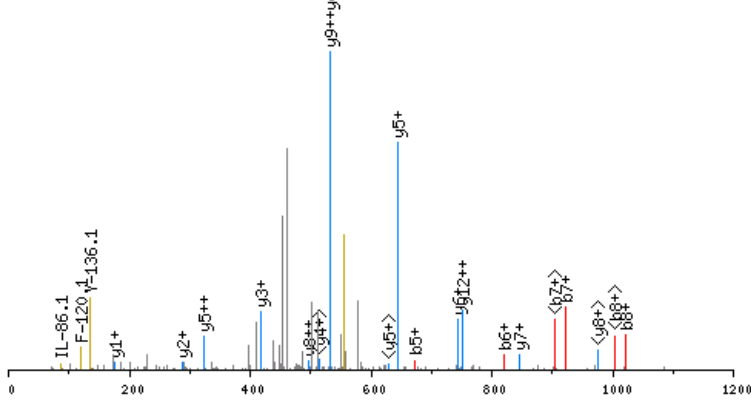
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

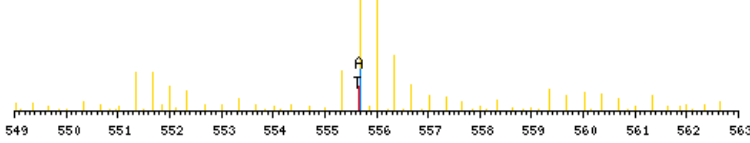
GO

scan 5878; 2.2e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5877; 555.6 m/z; 1.5e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
164.1135	1	E 13		
311.1819	2	F 12	1501.8227	751.4153
473.3400	3	K 11	1354.7543	677.8811
602.3826	4	E 10	1192.5962	596.8020
673.4197	5	A 9	1063.5536	532.2807
820.4881	6	F 8	992.5165	496.7622
921.5358	7	T 7	845.4481	423.2280
1020.6042	8	V 6	744.4004	372.7041
1133.6883	9	I 5	645.3320	323.1699
1248.7152	10	D 4	532.2479	266.6279
1376.7738	11	Q 3	417.2210	209.1144
1490.8167	12	N 2	289.1624	145.0851
	13	R 1	175.1195	88.0637

N-term:+35.07 K(3):+162.16

EGATAAPELSALEEAFRR, MH+ 1945.9983, m/z 649.3376
 L OS G26 P150811 220811-s1.06748.06748.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

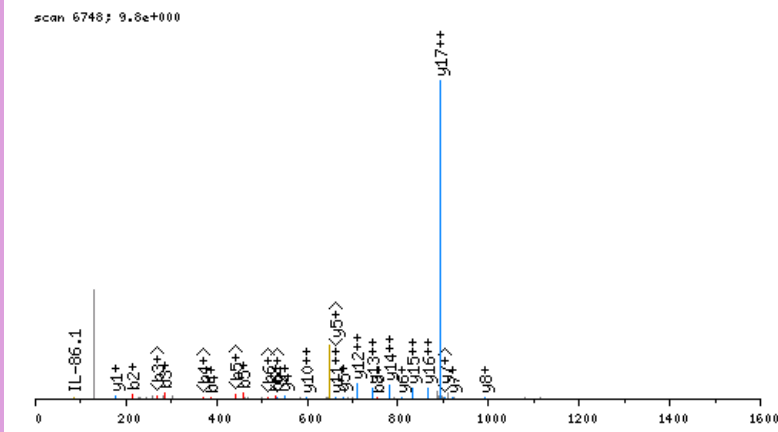
y + 2+ 3+

z + 2+ 3+

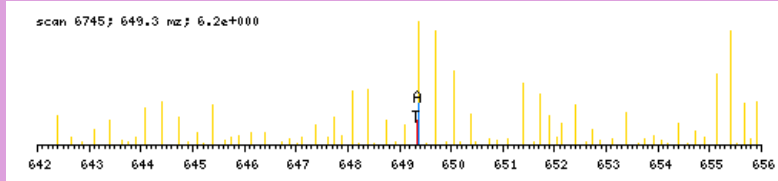
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 18		
215.1032	2	G 17	1788.9244	894.9661
286.1403	3	A 16	1731.9030	866.4554
387.1879	4	T 15	1660.8659	830.9368
458.2251	5	A 14	1559.8182	780.4130
529.2622	6	A 13	1488.7811	744.8944
626.3149	7	P 12	1417.7440	709.3759
755.3575	8	E 11	1320.6912	660.8495
868.4416	9	L 10	1191.6486	596.3282
955.4736	10	S 9	1078.5645	539.7862
1026.5107	11	A 8	991.5325	496.2702
1139.5948	12	L 7	920.4954	460.7516
1268.6374	13	E 6	807.4113	404.2096
1397.6800	14	E 5	678.3687	339.6883
1468.7171	15	A 4	549.3261	275.1670
1615.7855	16	F 3	478.2890	239.6484
1771.8866	17	R 2	331.2206	166.1142
	18	R 1	175.1195	88.0637

N-term:+29.04

EGDFDFESANAQFNRR, MH+ 1780.7990, m/z 594.2712
 H OS G25 P150811 220811-s1.06425.06425.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

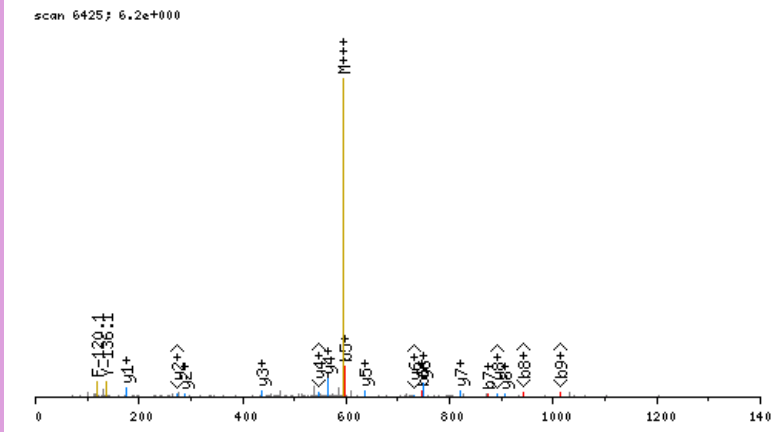
y + 2+ 3+

z + 2+ 3+

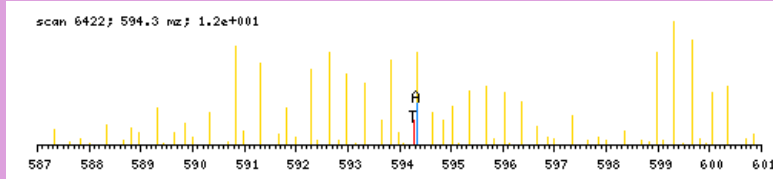
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
164.1135	1	E 15		
221.1350	2	G 14	1617.6934	809.3506
336.1619	3	D 13	1560.6719	780.8399
483.2303	4	F 12	1445.6450	723.3264
598.2573	5	D 11	1298.5766	649.7922
745.3257	6	F 10	1183.5496	592.2787
874.3683	7	E 9	1036.4812	518.7445
961.4003	8	S 8	907.4386	454.2232
1032.4374	9	A 7	820.4066	410.7072
1146.4803	10	N 6	749.3695	375.1886
1217.5174	11	A 5	635.3265	318.1672
1345.5760	12	Q 4	564.2894	282.6486
1492.6444	13	F 3	436.2308	218.6193
1606.6874	14	N 2	289.1624	145.0851
	15	R 1	175.1195	88.0637

N-term:+35.07

EGHSDFSEGOAVGAHR, MH+ 1711.7788, m/z 428.7002
 L OS G28 P150811 220811-s1.02240.02240.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

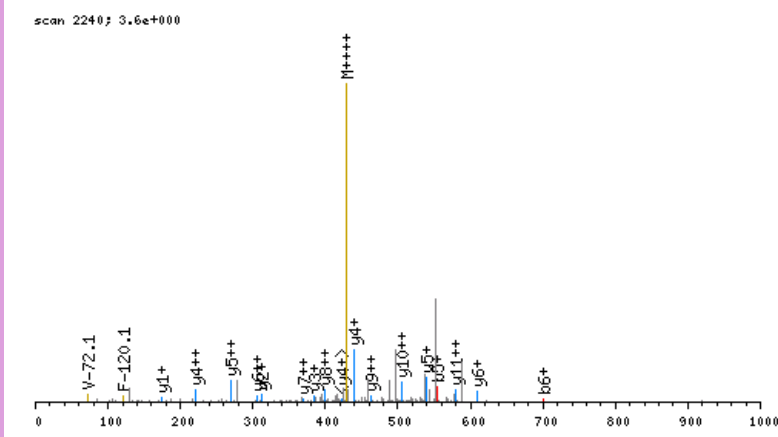
y + 2+ 3+

z + 2+ 3+

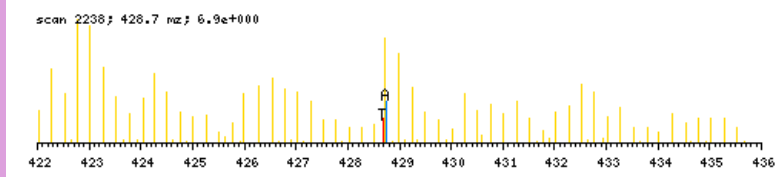
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 16		
215.1032	2	G 15	1554.7049	777.8564
352.1621	3	H 14	1497.6835	749.3457
439.1941	4	S 13	1360.6246	680.8162
554.2210	5	D 12	1273.5925	637.3002
701.2895	6	F 11	1158.5656	579.7867
788.3215	7	S 10	1011.4972	506.2525
917.3641	8	E 9	924.4652	462.7365
974.3855	9	G 8	795.4226	398.2152
1102.4441	10	Q 7	738.4011	369.7045
1173.4812	11	A 6	610.3425	305.6752
1272.5496	12	V 5	539.3054	270.1566
1329.5711	13	G 4	440.2370	220.6224
1400.6082	14	A 3	383.2155	192.1117
1537.6671	15	H 2	312.1784	156.5931
	16	R 1	175.1195	88.0637

N-term:+29.04

EHLGYVLTCPNLTGLR, MH+ 2015.0383, m/z 672.3510
 L OS G27 P150811 220811-s1.06384.06384.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

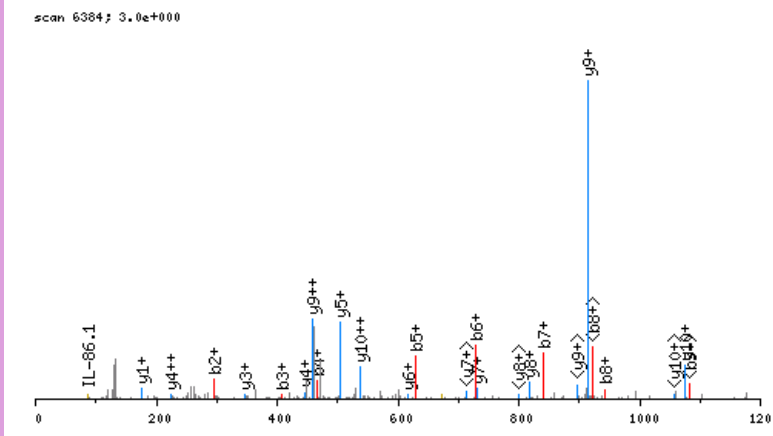
y + 2+ 3+

z + 2+ 3+

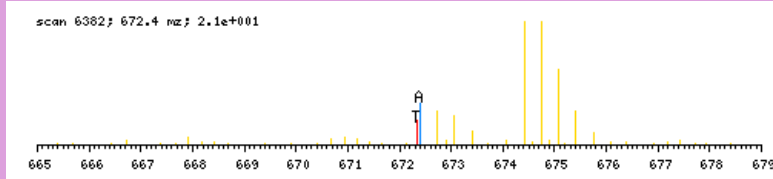
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
158.0817	1	E	18		
295.1406	2	H	17	1857.9645	929.4862
408.2247	3	L	16	1720.9056	860.9567
465.2461	4	G	15	1607.8215	804.4147
628.3095	5	Y	14	1550.8000	775.9039
727.3779	6	V	13	1387.7367	694.3723
840.4619	7	L	12	1288.6683	644.8381
941.5096	8	T	11	1175.5842	588.2960
1101.5402	9	C	10	1074.5366	537.7722
1198.5930	10	P	9	914.5060	457.7569
1285.6250	11	S	8	817.4532	409.2305
1399.6679	12	N	7	730.4212	365.7145
1512.7520	13	L	6	616.3782	308.6930
1569.7735	14	G	5	503.2942	252.1510
1670.8211	15	T	4	446.2727	223.6403
1727.8426	16	G	3	345.2250	173.1164
1840.9267	17	L	2	288.2036	144.6057
	18	R	1	175.1195	88.0637

N-term:+29.04 C(9):+160.03

EHLNHQNPNTFESR, MH+ 1750.8261, m/z 438.4620
 L OS G28 P150811 220811-s1.02034.02034.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

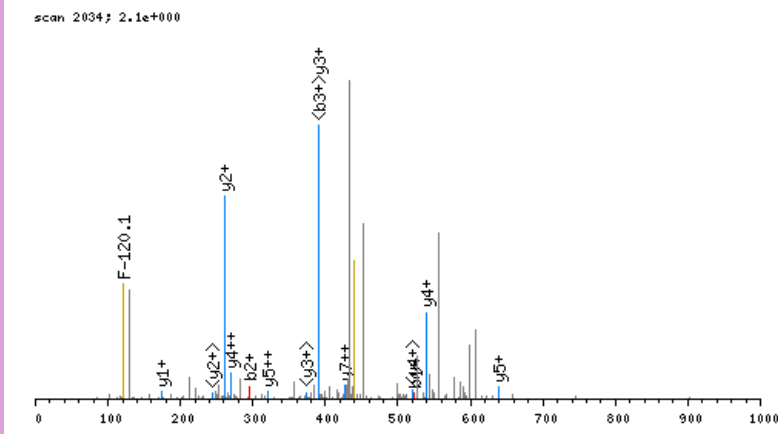
y + 2+ 3+

z + 2+ 3+

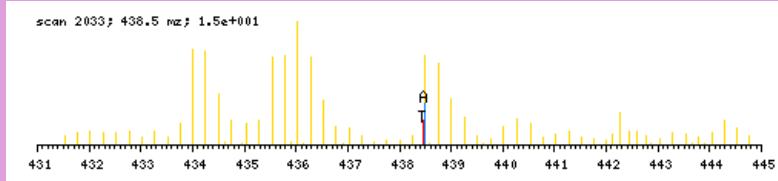
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



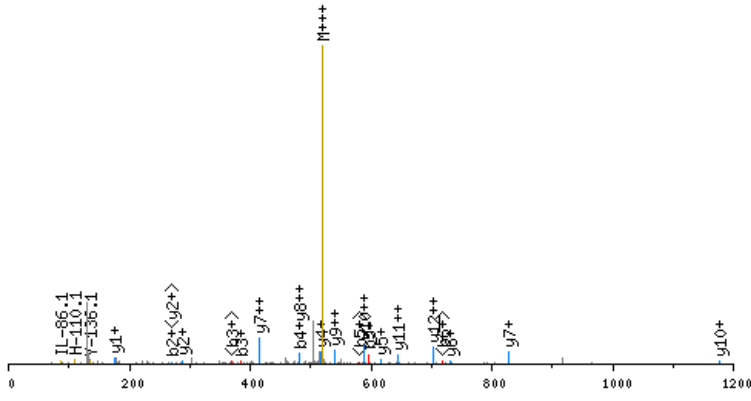
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 14		
295.1406	2	H 13	1593.7522	797.3800
408.2247	3	L 12	1456.6933	728.8506
522.2676	4	N 11	1343.6093	672.3085
659.3265	5	H 10	1229.5663	615.2871
787.3851	6	Q 9	1092.5074	546.7576
901.4280	7	N 8	964.4488	482.7283
998.4808	8	P 7	850.4059	425.7069
1112.5237	9	N 6	753.3531	377.1805
1213.5714	10	T 5	639.3102	320.1590
1360.6398	11	F 4	538.2625	269.6352
1489.6824	12	E 3	391.1941	196.1010
1576.7144	13	S 2	262.1515	131.5797
	14	R 1	175.1195	88.0637

N-term:+29.04

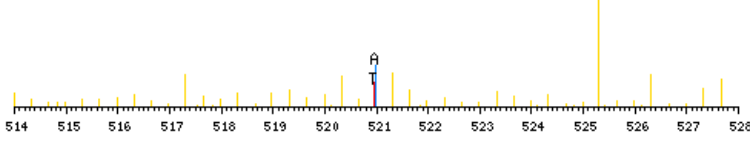
EINPDHPIVETLR, MH+ 1560.8386, m/z 520.9510
 L OS G27 P150811 220811-s1.05010.05010.3.dta

scan 5010; 5.3e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5007; 521.0 m/z; 2.1e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

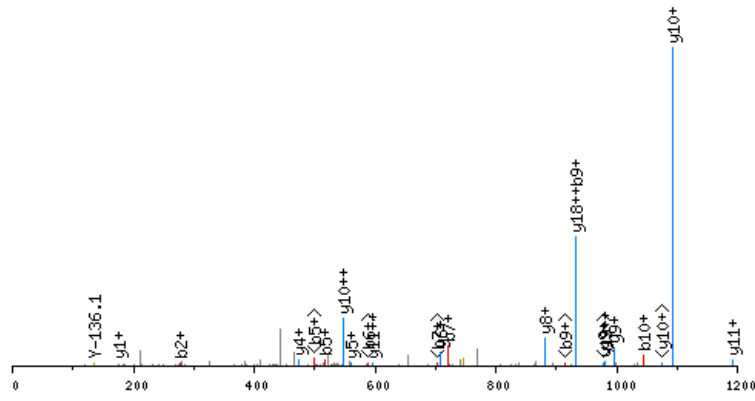
GO

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 13		
271.1658	2	I 12	1403.7647	702.3863
385.2087	3	N 11	1290.6806	645.8442
482.2614	4	P 10	1176.6377	588.8228
597.2884	5	D 9	1079.5849	540.2964
734.3473	6	H 8	964.5580	482.7829
831.4001	7	P 7	827.4991	414.2535
944.4841	8	I 6	730.4463	365.7271
1043.5525	9	V 5	617.3623	309.1850
1172.5951	10	E 4	518.2938	259.6508
1273.6428	11	T 3	389.2512	195.1295
1386.7269	12	L 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+29.04

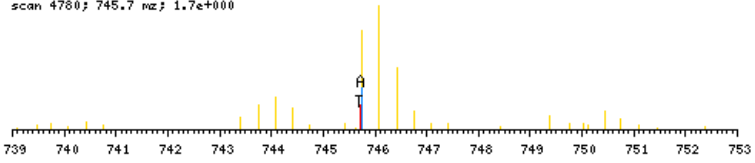
EIPGSSDPNIVPDGDFSSSLVR, MH+ 2235.1357, m/z 745.7167
 H OS G24 P150811 220811-s1.04784.04784.3.dta

scan 4784; 3.6e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 4780; 745.7 mz; 1.7e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
164.1135	1	E 21		
277.1976	2	I 20	2072.0300	1036.5189
374.2503	3	P 19	1958.9460	979.9769
431.2718	4	G 18	1861.8932	931.4505
518.3038	5	S 17	1804.8717	902.9398
605.3358	6	S 16	1717.8397	859.4238
720.3628	7	D 15	1630.8077	815.9078
817.4155	8	P 14	1515.7807	758.3943
931.4585	9	N 13	1418.7280	709.8679
1044.5425	10	I 12	1304.6850	652.8464
1143.6110	11	V 11	1191.6010	596.3044
1240.6637	12	P 10	1092.5326	546.7702
1355.6907	13	D 9	995.4798	498.2438
1412.7121	14	G 8	880.4529	440.7303
1527.7391	15	D 7	823.4314	412.2196
1674.8075	16	F 6	708.4044	354.7061
1761.8395	17	S 5	561.3360	281.1719
1848.8715	18	S 4	474.3040	237.6559
1961.9556	19	L 3	387.2720	194.1399
2061.0240	20	V 2	274.1879	137.5979
	21	R 1	175.1195	88.0637

N-term:+35.07

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

EISDEFSEAIGALR, MH+ 1564.7859, m/z 522.2668
 L OS G25 P150811 220811-s1.08045.08045.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

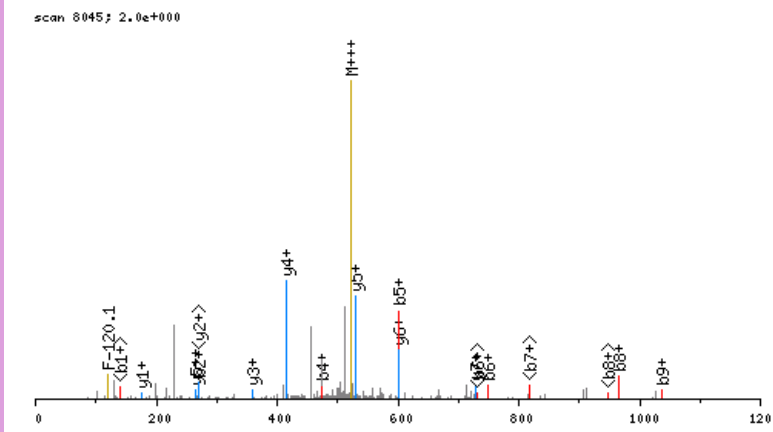
y + 2+ 3+

z + 2+ 3+

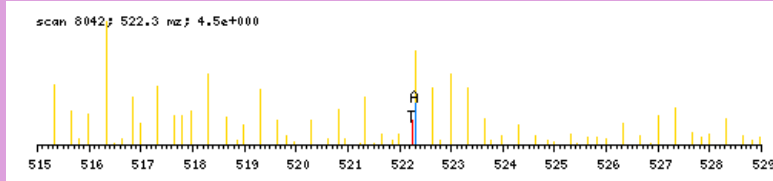
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 14		
271.1658	2	I 13	1407.7120	704.3599
358.1978	3	S 12	1294.6279	647.8179
473.2247	4	D 11	1207.5959	604.3019
602.2673	5	E 10	1092.5689	546.7884
749.3357	6	F 9	963.5264	482.2671
836.3678	7	S 8	816.4579	408.7329
965.4104	8	E 7	729.4259	365.2169
1036.4475	9	A 6	600.3833	300.6956
1149.5315	10	I 5	529.3462	265.1770
1206.5530	11	G 4	416.2621	208.6350
1277.5901	12	A 3	359.2407	180.1243
1390.6742	13	L 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+29.04

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

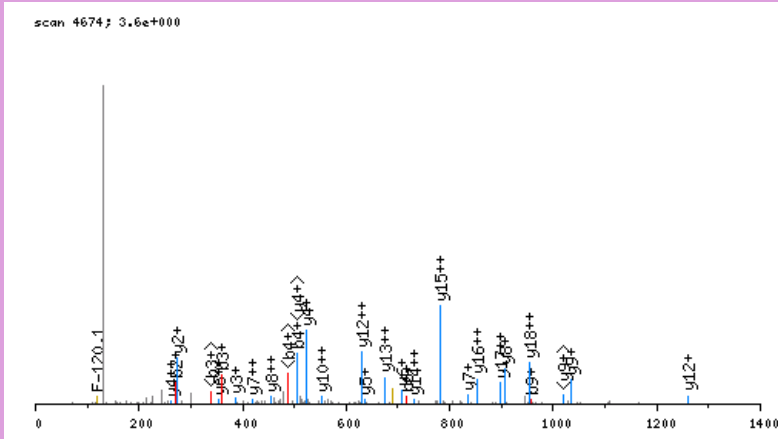
y + 2+ 3+

z + 2+ 3+

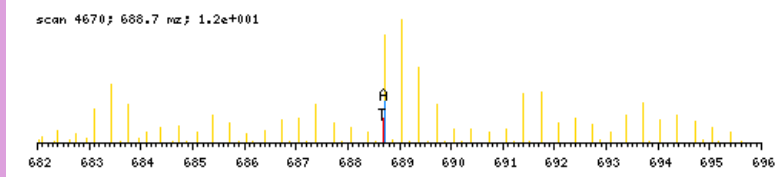
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 19		
271.1658	2	I 18	1906.9411	953.9745
358.1978	3	S 17	1793.8571	897.4325
505.2662	4	F 16	1706.8251	853.9164
602.3190	5	P 15	1559.7566	780.3822
717.3459	6	D 14	1462.7039	731.8559
804.3779	7	S 13	1347.6769	674.3424
901.4307	8	P 12	1260.6449	630.8264
958.4522	9	G 11	1163.5921	582.3000
1029.4893	10	A 10	1106.5707	553.7893
1157.5479	11	Q 9	1035.5336	518.2707
1228.5850	12	A 8	907.4750	454.2414
1356.6435	13	Q 7	836.4379	418.7228
1427.6807	14	A 6	708.3793	354.6936
1542.7076	15	D 5	637.3422	319.1750
1679.7665	16	H 4	522.3152	261.6615
1792.8506	17	L 3	385.2563	193.1321
1889.9033	18	P 2	272.1723	136.5900
	19	R 1	175.1195	88.0637

N-term:+29.04

EITALAPSTMKIKIAPPER, MH+ 2263.3464, m/z 566.5921
 L OS G27 P150811 220811-s1.06628.06628.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

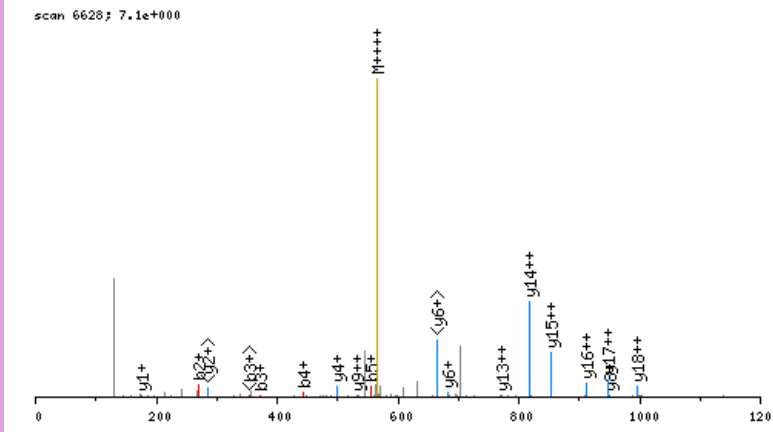
y + 2+ 3+

z + 2+ 3+

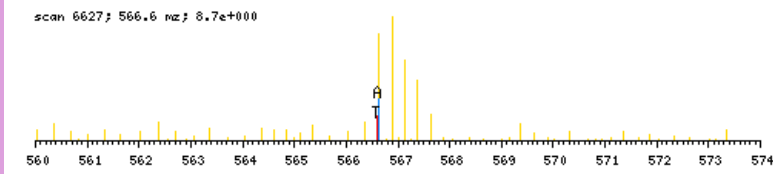
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
158.0817	1	E	20		
271.1658	2	I	19	2106.2725	1053.6402
372.2134	3	T	18	1993.1885	997.0981
443.2505	4	A	17	1892.1408	946.5743
556.3346	5	L	16	1821.1037	911.0557
627.3717	6	A	15	1708.0196	854.5137
724.4245	7	P	14	1636.9825	818.9952
811.4565	8	S	13	1539.9297	770.4688
912.5042	9	T	12	1452.8977	726.9528
1043.5447	10	M	11	1351.8500	676.4289
1199.6710	11	K	10	1220.8095	610.9087
1312.7550	12	I	9	1064.6832	532.8455
1468.8813	13	K	8	951.5992	476.3035
1581.9654	14	I	7	795.4729	398.2403
1695.0495	15	I	6	682.3888	341.6983
1766.0866	16	A	5	569.3047	285.1563
1863.1394	17	P	4	498.2676	249.6377
1960.1921	18	P	3	401.2149	201.1113
2089.2347	19	E	2	304.1621	152.5850
	20	R	1	175.1195	88.0637

N-term: +29.04 K(11): +156.13
 K(13): +156.13

EKFVEGVYR, MH+ 1182.6523, m/z 394.8889
 L OS G27 P150811 220811-s1.03299.03299.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

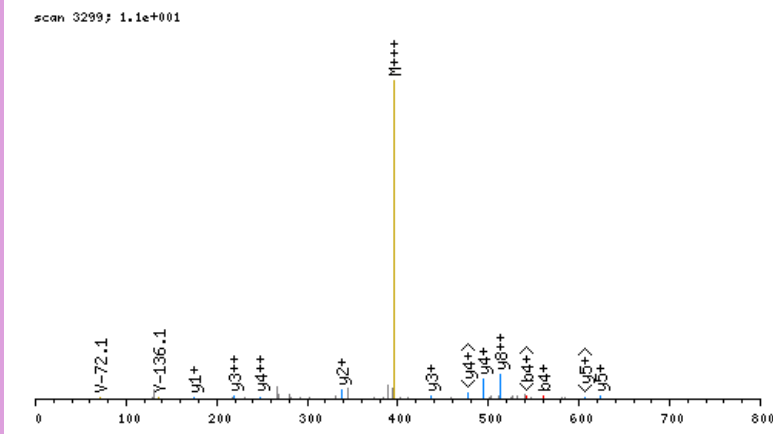
y + 2+ 3+

z + 2+ 3+

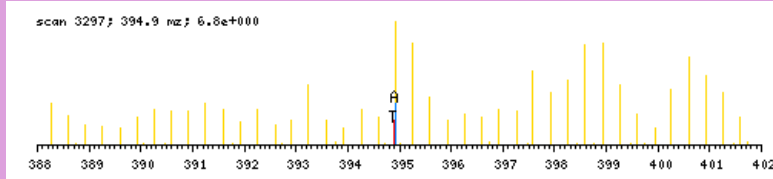
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
158.0817	1	E	9		
314.2080	2	K	8	1025.5784	513.2931
461.2764	3	F	7	869.4521	435.2300
560.3448	4	V	6	722.3837	361.6958
689.3874	5	E	5	623.3153	312.1616
746.4089	6	G	4	494.2727	247.6403
845.4773	7	V	3	437.2512	219.1295
1008.5406	8	Y	2	338.1828	169.5953
	9	R	1	175.1195	88.0637

N-term:+29.04 K(2):+156.13

EKIPFESAFR, MH+ 1279.7051, m/z 427.2399
 L OS G27 P150811 220811-s1.05634.05634.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

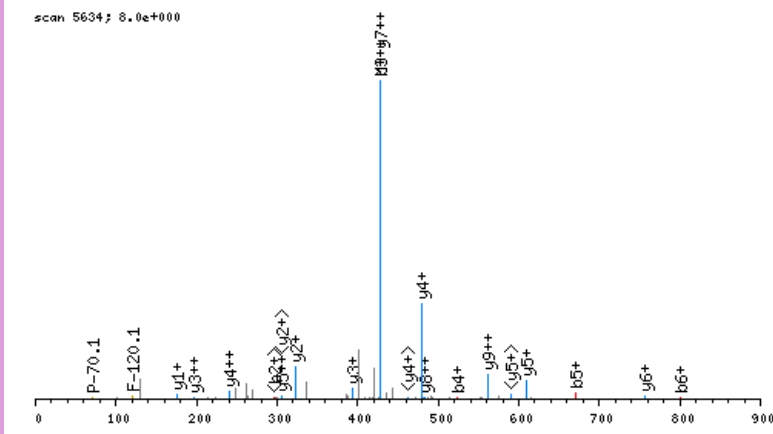
y + 2+ 3+

z + 2+ 3+

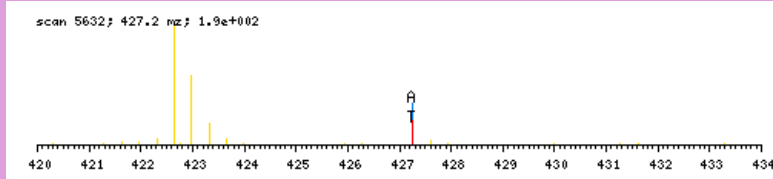
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 10		
314.2080	2	K 9	1122.6312	561.8195
427.2921	3	I 8	966.5049	483.7564
524.3448	4	P 7	853.4208	427.2143
671.4132	5	F 6	756.3681	378.6879
800.4558	6	E 5	609.2997	305.1537
887.4879	7	S 4	480.2571	240.6324
958.5250	8	A 3	393.2250	197.1164
1105.5934	9	F 2	322.1879	161.5979
	10	R 1	175.1195	88.0637

N-term:+29.04 K(2):+156.13

EKNGIDIYSLTVDSR, MH+ 1765.9336, m/z 589.3161
 L OS G27 P150811 220811-s1.06164.06164.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

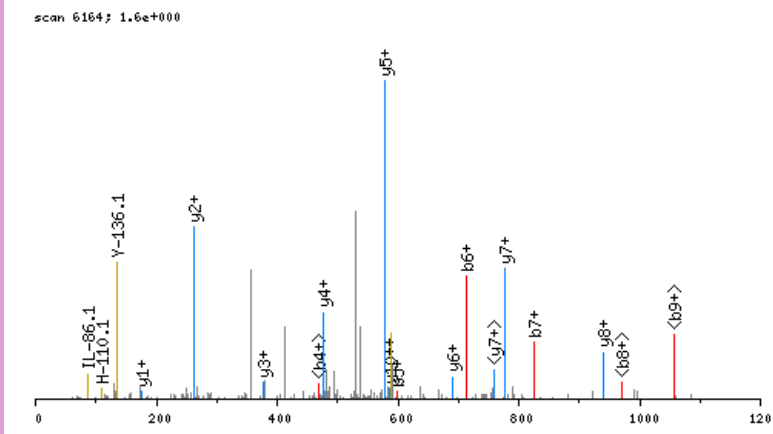
y + 2+ 3+

z + 2+ 3+

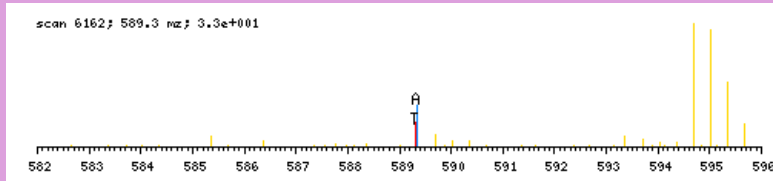
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 15		
314.2080	2	K 14	1608.8597	804.9338
428.2509	3	N 13	1452.7334	726.8706
485.2724	4	G 12	1338.6905	669.8492
598.3564	5	I 11	1281.6691	641.3384
713.3834	6	D 10	1168.5850	584.7964
826.4675	7	I 9	1053.5580	527.2829
989.5308	8	Y 8	940.4740	470.7409
1076.5628	9	S 7	777.4107	389.2092
1189.6469	10	L 6	690.3786	345.6932
1290.6946	11	T 5	577.2946	289.1512
1389.7630	12	V 4	476.2469	238.6274
1504.7899	13	D 3	377.1785	189.0931
1591.8219	14	S 2	262.1515	131.5797
	15	R 1	175.1195	88.0637

N-term:+29.04 K(2):+156.13

EKNQLEEVPSALPR, MH+ 1677.9812, m/z 559.9986
 H OS G27 P150811 220811-s1.04865.04865.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

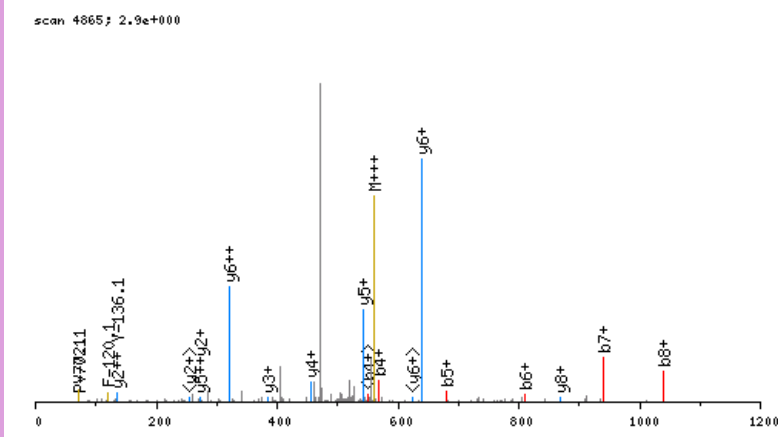
y + 2+ 3+

z + 2+ 3+

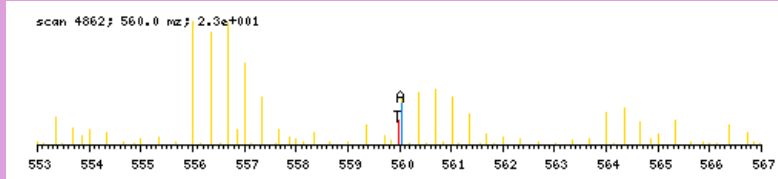
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
164.1135	1	E 14		
326.2716	2	K 13	1514.8755	757.9417
440.3145	3	N 12	1352.7174	676.8626
568.3731	4	Q 11	1238.6745	619.8412
681.4572	5	L 10	1110.6159	555.8119
810.4998	6	E 9	997.5318	499.2698
939.5423	7	E 8	868.4892	434.7485
1038.6108	8	V 7	739.4466	370.2272
1135.6635	9	P 6	640.3782	320.6930
1222.6956	10	S 5	543.3255	272.1666
1293.7327	11	A 4	456.2934	228.6506
1406.8167	12	L 3	385.2563	193.1321
1503.8695	13	P 2	272.1723	136.5900
	14	R 1	175.1195	88.0637

N-term:+35.07 K(2):+162.16

EKQLDQLEEEIR, MH+ 1584.8597, m/z 396.9704
 L OS G28 P150811 220811-s1.03185.03185.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

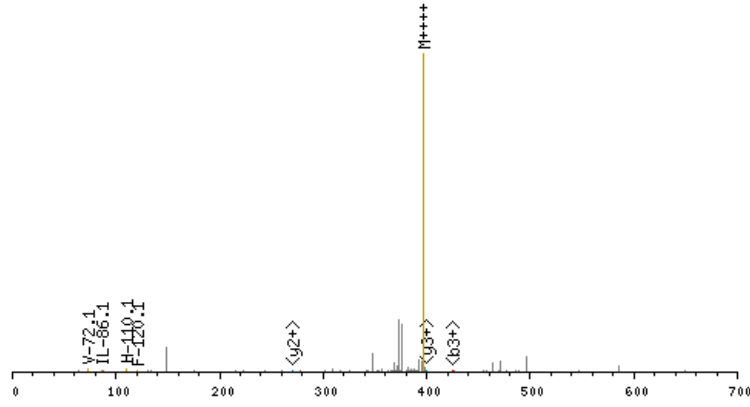
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

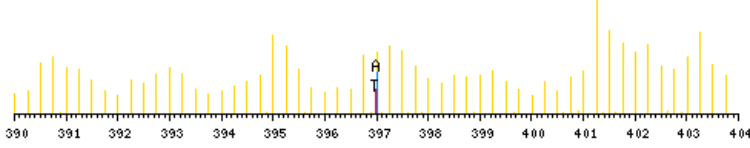
scan 3185; 7.9e+000



click image to zoom in; click top corners to zoom out

[precursor±]

scan 3183; 397.0 m/z; 1.7e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 12		
314.2080	2	K 11	1427.7859	714.3968
442.2666	3	Q 10	1271.6596	636.3337
555.3506	4	L 9	1143.6010	572.3044
683.4092	5	Q 8	1030.5169	515.7624
798.4362	6	D 7	902.4583	451.7331
926.4947	7	Q 6	787.4314	394.2196
1039.5788	8	L 5	659.3728	330.1903
1168.6214	9	E 4	546.2888	273.6483
1297.6640	10	E 3	417.2462	209.1270
1410.7480	11	I 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+29.04 K(2):+156.13

EKSAGVSVPGMGPSPGPR, MH+ 1777.9907, m/z 593.3351
 H OS G26 P150811 220811-s1.03179.03179.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

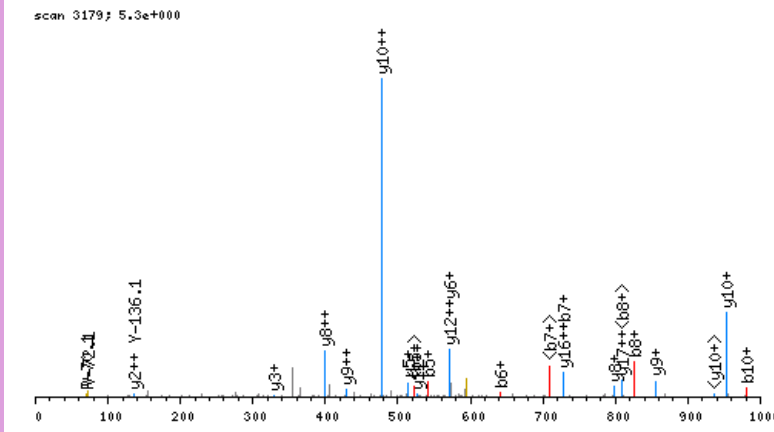
y + 2+ 3+

z + 2+ 3+

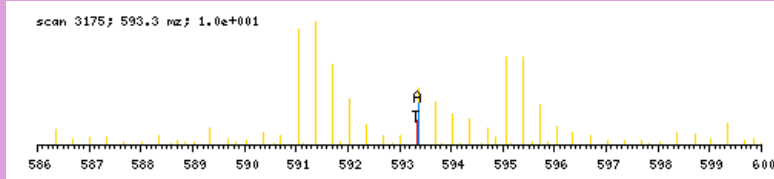
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
164.1135	1	E 18		
326.2716	2	K 17	1614.8850	807.9464
413.3036	3	S 16	1452.7269	726.8674
484.3407	4	A 15	1365.6949	683.3514
541.3622	5	G 14	1294.6578	647.8328
640.4306	6	V 13	1237.6363	619.3221
727.4626	7	S 12	1138.5679	569.7879
826.5311	8	V 11	1051.5359	526.2718
923.5838	9	P 10	952.4675	476.7376
980.6053	10	G 9	855.4147	428.2113
1077.6580	11	P 8	798.3932	399.7005
1208.6985	12	M 7	701.3405	351.1741
1265.7200	13	G 6	570.3000	285.6539
1362.7728	14	P 5	513.2785	257.1432
1449.8048	15	S 4	416.2258	208.6168
1506.8263	16	G 3	329.1937	165.1008
1603.8790	17	P 2	272.1723	136.5900
	18	R 1	175.1195	88.0637

N-term:+35.07 K(2):+162.16

ELADCCTKQEPER, MH+ 1691.7732, m/z 564.5959
 L OS G27 P150811 220811-s1.02049.02049.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

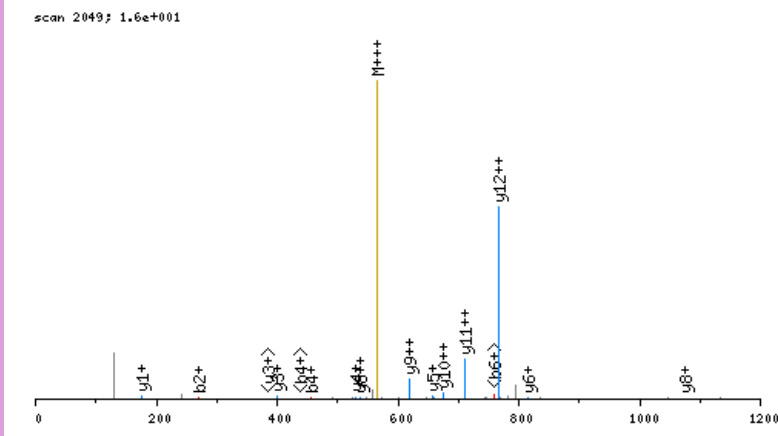
y + 2+ 3+

z + 2+ 3+

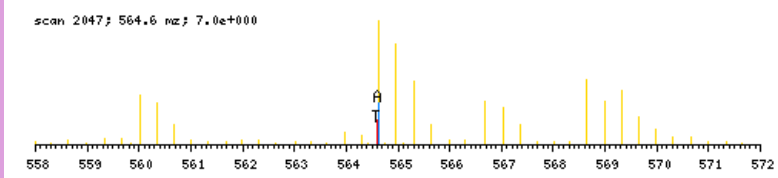
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 13		
271.1658	2	L 12	1534.6993	767.8536
342.2029	3	A 11	1421.6153	711.3115
457.2298	4	D 10	1350.5782	675.7930
617.2604	5	C 9	1235.5512	618.2795
777.2910	6	C 8	1075.5206	538.2642
878.3387	7	T 7	915.4900	458.2489
1034.4650	8	K 6	814.4423	407.7251
1162.5236	9	Q 5	658.3160	329.6619
1291.5662	10	E 4	530.2575	265.6326
1388.6189	11	P 3	401.2149	201.1113
1517.6615	12	E 2	304.1621	152.5850
	13	R 1	175.1195	88.0637

N-term:+29.04 C(5):+160.03
 C(6):+160.03 K(8):+156.13

ELISNASDALDKIR, MH+ 1600.8910, m/z 534.3019
 L OS G26 P150811 220811-s1.05068.05068.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

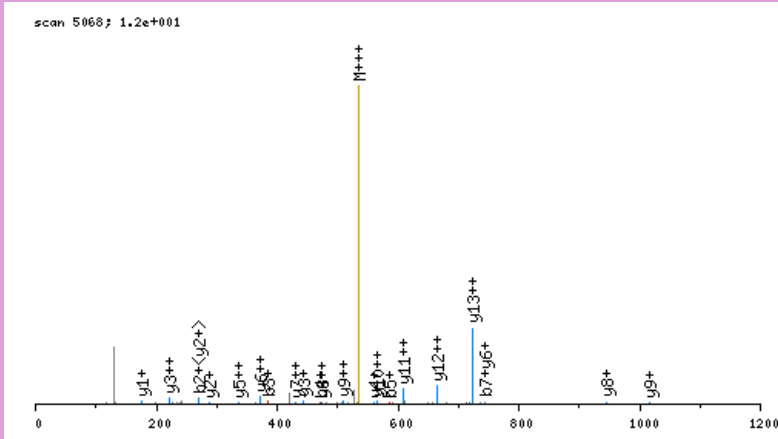
y + 2+ 3+

z + 2+ 3+

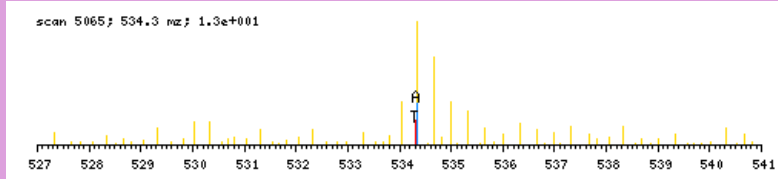
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 14		
271.1658	2	L 13	1443.8172	722.4125
384.2498	3	I 12	1330.7331	665.8705
471.2818	4	S 11	1217.6490	609.3284
585.3248	5	N 10	1130.6170	565.8124
656.3619	6	A 9	1016.5741	508.7909
743.3939	7	S 8	945.5370	473.2724
858.4209	8	D 7	858.5049	429.7564
929.4580	9	A 6	743.4780	372.2429
1042.5420	10	L 5	672.4409	336.7243
1157.5690	11	D 4	559.3568	280.1823
1313.6953	12	K 3	444.3299	222.6688
1426.7793	13	I 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+29.04 K(12):+156.13

ELMELEIFLSQR, MH+ 1535.8143, m/z 512.6096
 L OS G27 P150811 220811-s1.06559.06559.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

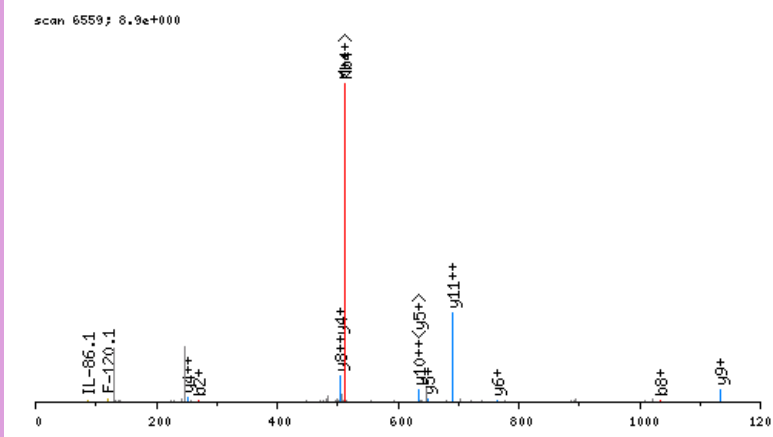
y + 2+ 3+

z + 2+ 3+

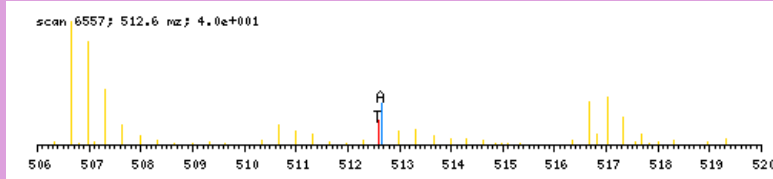
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 12		
271.1658	2	L 11	1378.7404	689.8741
402.2062	3	M 10	1265.6564	633.3321
531.2488	4	E 9	1134.6159	567.8119
644.3329	5	L 8	1005.5733	503.2906
773.3755	6	E 7	892.4892	446.7485
886.4596	7	I 6	763.4466	382.2272
1033.5280	8	F 5	650.3626	325.6852
1146.6120	9	L 4	503.2942	252.1510
1233.6441	10	S 3	390.2101	195.6090
1361.7026	11	Q 2	303.1781	152.0930
	12	R 1	175.1195	88.0637

N-term:+29.04

ELPDGQVITIGNER, MH+ 1568.8284, m/z 523.6143
 L OS G25 P150811 220811-s1.06185.06185.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

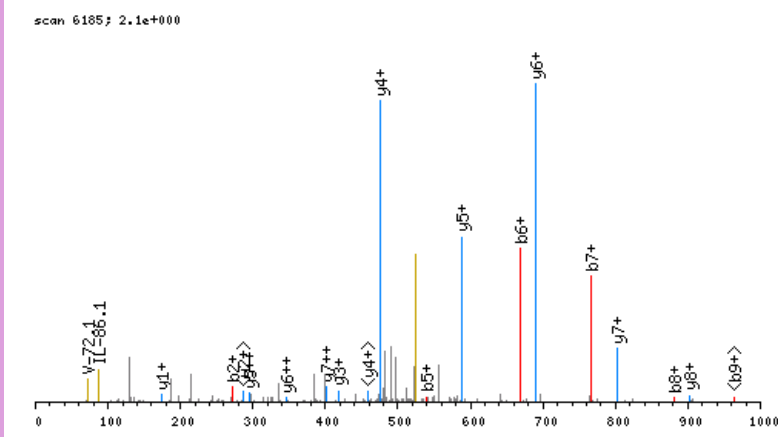
y + 2+ 3+

z + 2+ 3+

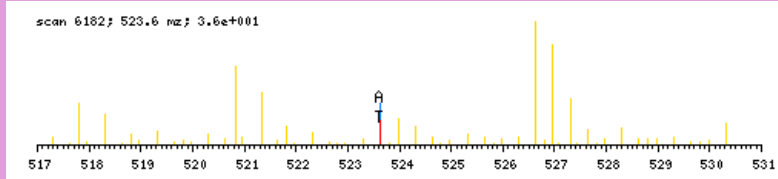
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 14		
271.1658	2	L 13	1411.7545	706.3812
368.2185	3	P 12	1298.6705	649.8391
483.2455	4	D 11	1201.6177	601.3128
540.2669	5	G 10	1086.5907	543.7993
668.3255	6	Q 9	1029.5693	515.2886
767.3939	7	V 8	901.5107	451.2593
880.4780	8	I 7	802.4423	401.7251
981.5257	9	T 6	689.3582	345.1830
1094.6097	10	I 5	588.3105	294.6592
1151.6312	11	G 4	475.2265	238.1172
1265.6741	12	N 3	418.2050	209.6064
1394.7167	13	E 2	304.1621	152.5850
	14	R 1	175.1195	88.0637

N-term:+29.04

ELQALIDSHFEAR, MH+ 1562.8391, m/z 521.6179
 H OS G27 P150811 220811-s1.06321.06321.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

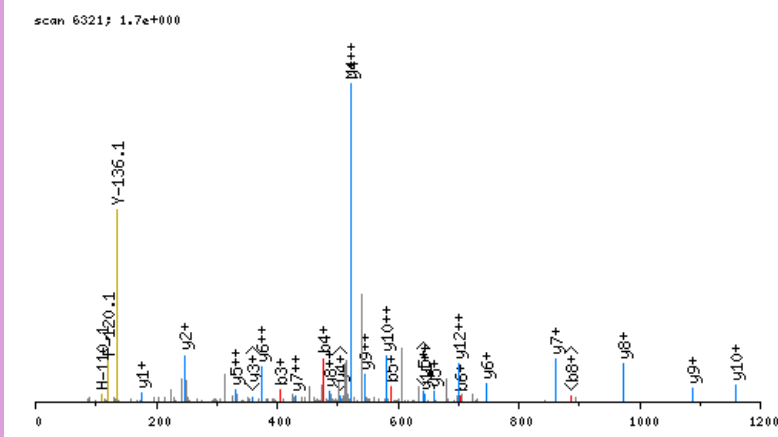
y + 2+ 3+

z + 2+ 3+

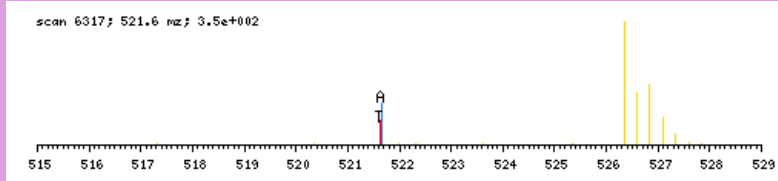
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
164.1135	1	E 13		
277.1976	2	L 12	1399.7334	700.3706
405.2561	3	Q 11	1286.6493	643.8286
476.2932	4	A 10	1158.5907	579.7993
589.3773	5	L 9	1087.5536	544.2807
702.4614	6	I 8	974.4696	487.7387
817.4883	7	D 7	861.3855	431.1967
904.5203	8	S 6	746.3586	373.6832
1041.5793	9	H 5	659.3265	330.1672
1188.6477	10	F 4	522.2676	261.6377
1317.6903	11	E 3	375.1992	188.1035
1388.7274	12	A 2	246.1566	123.5822
	13	R 1	175.1195	88.0637

N-term:+35.07

ELVQSGKSEISELR, MH+ 1630.9016, m/z 544.3054
 L OS G26 P150811 220811-s1.03482.03482.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

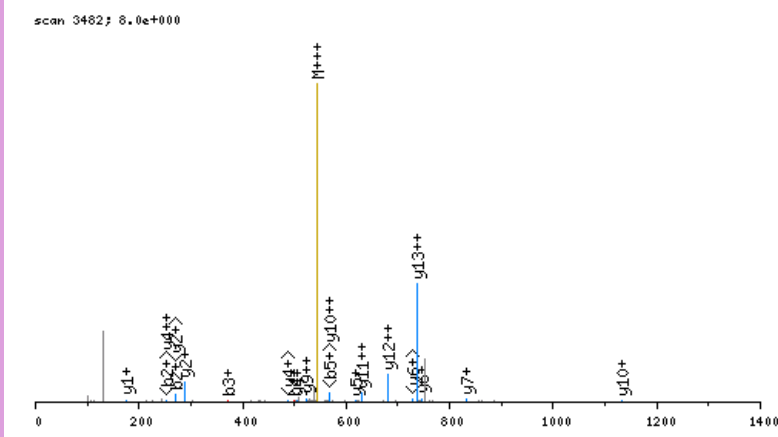
y + 2+ 3+

z + 2+ 3+

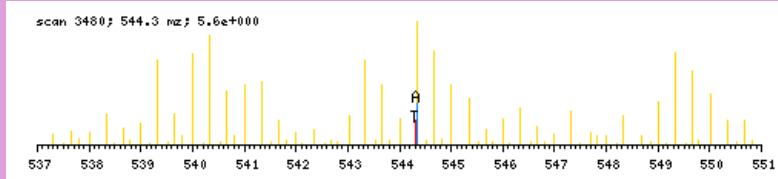
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 14		
271.1658	2	L 13	1473.8277	737.4178
370.2342	3	V 12	1360.7437	680.8757
498.2927	4	Q 11	1261.6752	631.3415
585.3248	5	S 10	1133.6167	567.3122
642.3462	6	G 9	1046.5846	523.7962
798.4725	7	K 8	989.5632	495.2855
885.5046	8	S 7	833.4369	417.2223
1014.5472	9	E 6	746.4048	373.7063
1127.6312	10	I 5	617.3623	309.1850
1214.6633	11	S 4	504.2782	252.6430
1343.7058	12	E 3	417.2462	209.1270
1456.7899	13	L 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+29.04 K(7):+156.13

ENWDTLGSTVSQLQER, MH+ 1890.9197, m/z 630.9781
 L OS G25 P150811 220811-s1.07344.07344.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

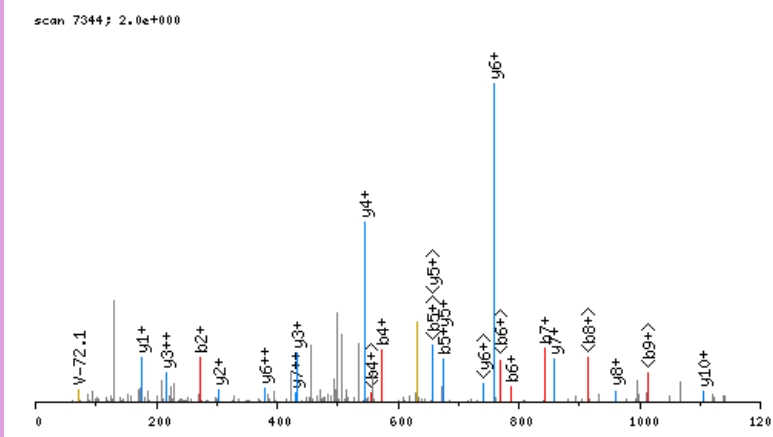
y + 2+ 3+

z + 2+ 3+

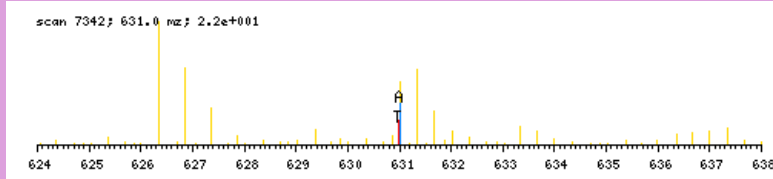
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
158.0817	1	E	16		
272.1246	2	N	15	1733.8459	867.4268
458.2039	3	W	14	1619.8029	810.4054
573.2309	4	D	13	1433.7236	717.3657
674.2786	5	T	12	1318.6967	659.8522
787.3626	6	L	11	1217.6490	609.3284
844.3841	7	G	10	1104.5649	552.7864
931.4161	8	S	9	1047.5435	524.2756
1032.4638	9	T	8	960.5114	480.7596
1131.5322	10	V	7	859.4638	430.2358
1218.5642	11	S	6	760.3953	380.7016
1346.6228	12	Q	5	673.3633	337.1856
1459.7069	13	L	4	545.3047	273.1563
1587.7655	14	Q	3	432.2207	216.6142
1716.8080	15	E	2	304.1621	152.5850
	16	R	1	175.1195	88.0637

N-term:+29.04

ENYGLADCCTKQEPER, MH+ 2154.9435, m/z 718.9860
 L OS G26 P150811 220811-s1.02853.02853.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

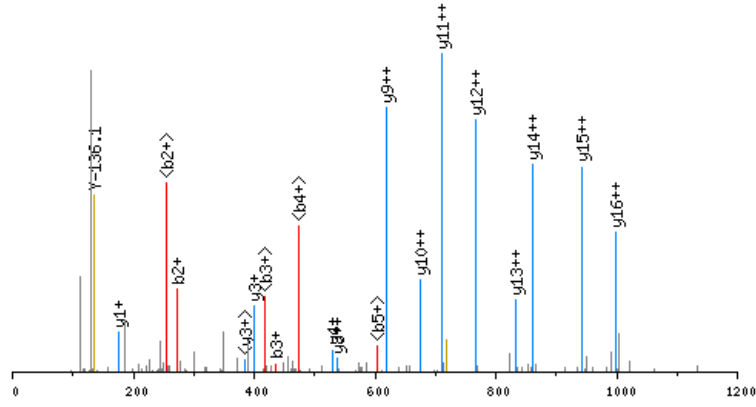
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

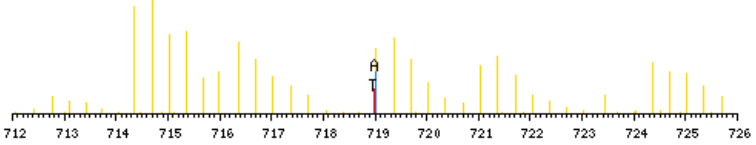
GO

scan 2853; 1.5e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2850; 718.0 Hz; 1.3e+001



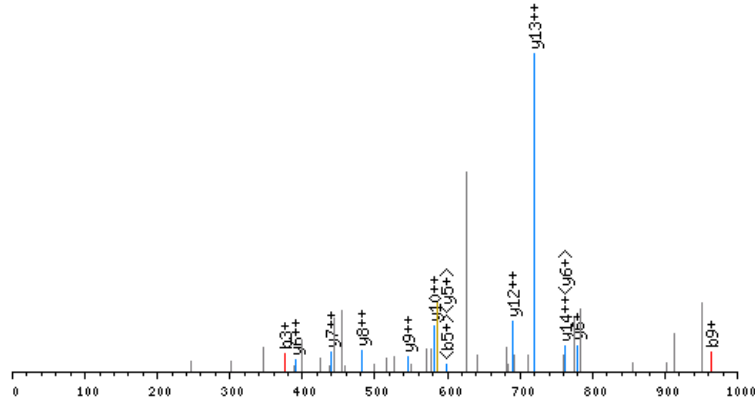
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
158.0817	1	E	17		
272.1246	2	N	16	1997.8696	999.4387
435.1879	3	Y	15	1883.8267	942.4173
492.2094	4	G	14	1720.7634	860.8856
621.2520	5	E	13	1663.7419	832.3749
734.3361	6	L	12	1534.6993	767.8536
805.3732	7	A	11	1421.6153	711.3115
920.4001	8	D	10	1350.5782	675.7930
1080.4307	9	C	9	1235.5512	618.2795
1240.4613	10	C	8	1075.5206	538.2642
1341.5090	11	T	7	915.4900	458.2489
1497.6353	12	K	6	814.4423	407.7251
1625.6939	13	Q	5	658.3160	329.6619
1754.7365	14	E	4	530.2575	265.6326
1851.7892	15	P	3	401.2149	201.1113
1980.8318	16	E	2	304.1621	152.5850
	17	R	1	175.1195	88.0637

N-term:+29.04 C(9):+160.03
 C(10):+160.03 K(12):+156.13

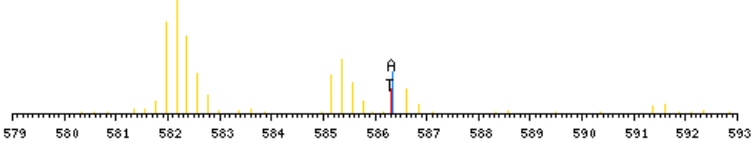
EPDIQDSSGSEAQSVKPTRR, MH+ 2342.2224, m/z 586.3111
 H OS G28 P150811 220811-s1.01778.01778.4.dta

scan 1778; 3.8e-001



click image to zoom in; click top corners to zoom out [precursor±]

scan 1777; 586.3 nz; 4.9e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
164.1135	1	E 21		
261.1663	2	P 20	2179.1168	1090.0623
376.1932	3	D 19	2082.0640	1041.5359
489.2773	4	I 18	1967.0370	984.0224
617.3358	5	Q 17	1853.9530	927.4804
732.3628	6	D 16	1725.8944	863.4511
819.3948	7	S 15	1610.8675	805.9376
906.4268	8	S 14	1523.8354	762.4216
963.4483	9	G 13	1436.8034	718.9056
1050.4803	10	S 12	1379.7819	690.3949
1179.5229	11	E 11	1292.7499	646.8789
1250.5600	12	A 10	1163.7073	582.3576
1378.6186	13	Q 9	1092.6702	546.8390
1465.6506	14	S 8	964.6116	482.8097
1564.7191	15	V 7	877.5796	439.2937
1726.8772	16	K 6	778.5112	389.7595
1823.9299	17	P 5	616.3531	308.6805
1910.9620	18	S 4	519.3003	260.1541
2012.0096	19	T 3	432.2683	216.6381
2168.1107	20	R 2	331.2206	166.1142
	21	R 1	175.1195	88.0637

N-term:+35.07 K(16):+162.16

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

EQQCYNCGKPGHLAR, MH+ 1905.8521, m/z 477.2185
 L OS G28 P150811 220811-s1.01984.01984.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

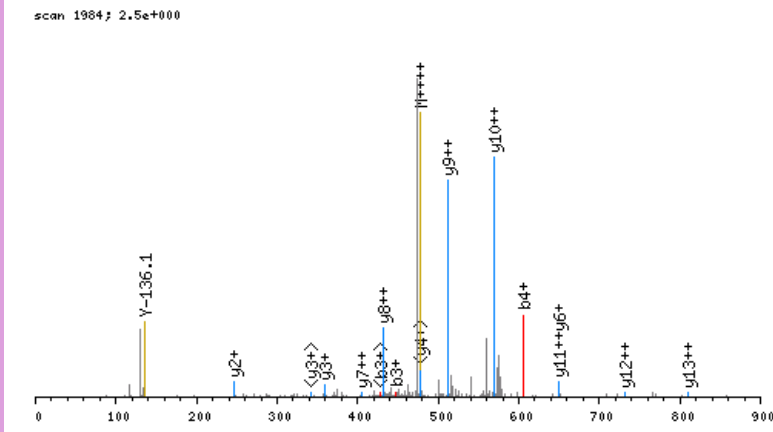
y + 2+ 3+

z + 2+ 3+

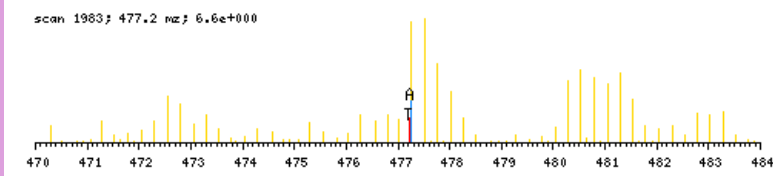
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
158.0817	1	E	15		
286.1403	2	Q	14	1748.7782	874.8930
446.1709	3	C	13	1620.7196	810.8637
606.2015	4	C	12	1460.6890	730.8484
769.2648	5	Y	11	1300.6584	650.8331
883.3077	6	N	10	1137.5951	569.3015
1043.3383	7	C	9	1023.5522	512.2800
1100.3598	8	G	8	863.5216	432.2647
1256.4861	9	K	7	806.5001	403.7540
1353.5389	10	P	6	650.3738	325.6908
1410.5603	11	G	5	553.3211	277.1644
1547.6192	12	H	4	496.2996	248.6537
1660.7033	13	L	3	359.2407	180.1243
1731.7404	14	A	2	246.1566	123.5822
	15	R	1	175.1195	88.0637

N-term:+29.04 C(3):+160.03
 C(4):+160.03 C(7):+160.03 K(9):+156.13

EQDFYDFKAVNIR, MH+ 1700.8648, m/z 567.6265
 L OS G27 P150811 220811-s1.06370.06370.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

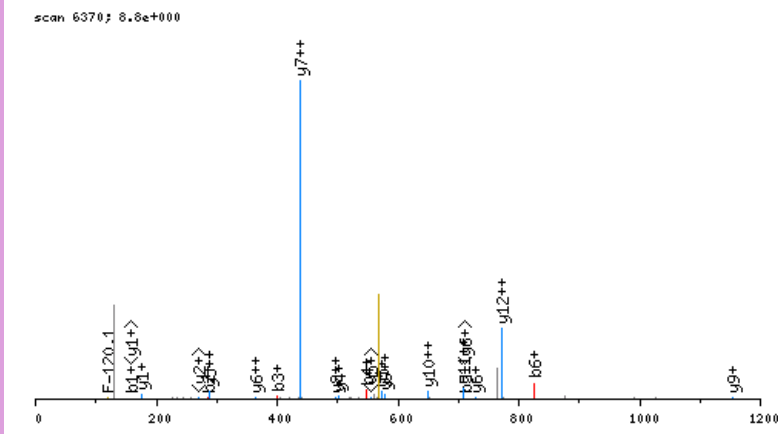
y + 2+ 3+

z + 2+ 3+

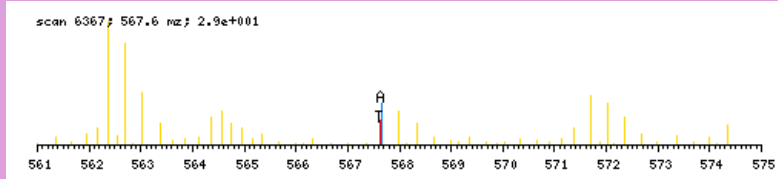
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



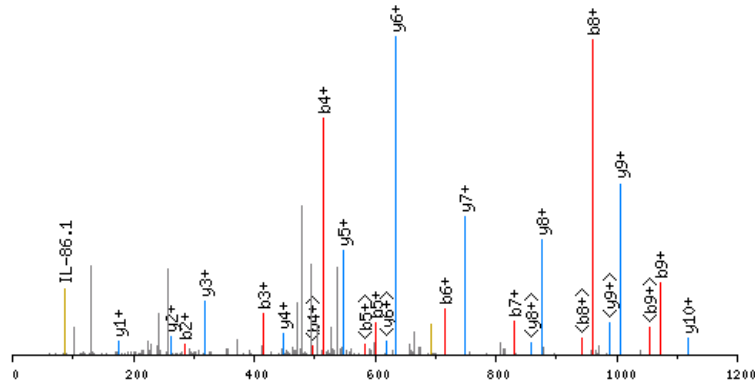
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 13		
286.1403	2	Q 12	1543.7909	772.3994
401.1672	3	D 11	1415.7324	708.3701
548.2356	4	F 10	1300.7054	650.8566
711.2990	5	Y 9	1153.6370	577.3224
826.3259	6	D 8	990.5737	495.7908
973.3943	7	F 7	875.5467	438.2773
1129.5206	8	K 6	728.4783	364.7431
1200.5577	9	A 5	572.3520	286.6799
1299.6261	10	V 4	501.3149	251.1614
1413.6691	11	N 3	402.2465	201.6272
1526.7531	12	I 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+29.04 K(8):+156.13

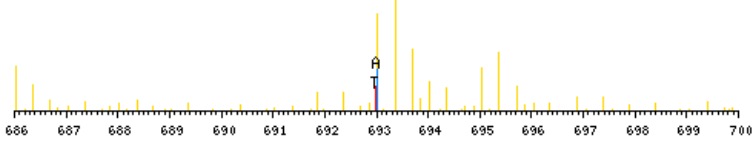
EQEVSVDNELQELSTQGSR, MH+ 2076.9685, m/z 692.9944
 L OS G25 P150811 220811-s1.05375.05375.3.dta

scan 5375; 1.7e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5372; 693.0 m/z; 2.1e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
158.0817	1	E	18		
286.1403	2	Q	17	1919.8947	960.4512
415.1829	3	E	16	1791.8361	896.4220
514.2513	4	V	15	1662.7935	831.9007
601.2833	5	S	14	1563.7251	782.3664
716.3102	6	D	13	1476.6930	738.8504
830.3532	7	N	12	1361.6661	681.3370
959.3958	8	E	11	1247.6232	624.3155
1072.4798	9	L	10	1118.5806	559.7942
1200.5384	10	Q	9	1005.4965	503.2522
1329.5810	11	E	8	877.4379	439.2229
1442.6651	12	L	7	748.3953	374.7016
1529.6971	13	S	6	635.3113	318.1596
1630.7448	14	T	5	548.2792	274.6435
1758.8034	15	Q	4	447.2316	224.1197
1815.8248	16	G	3	319.1730	160.0904
1902.8568	17	S	2	262.1515	131.5797
	18	R	1	175.1195	88.0637

N-term:+29.04

EQFQEALAEELAKKR, MH+ 1821.0971, m/z 456.0297
 H OS G28 P150811 220811-s1.07852.07852.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

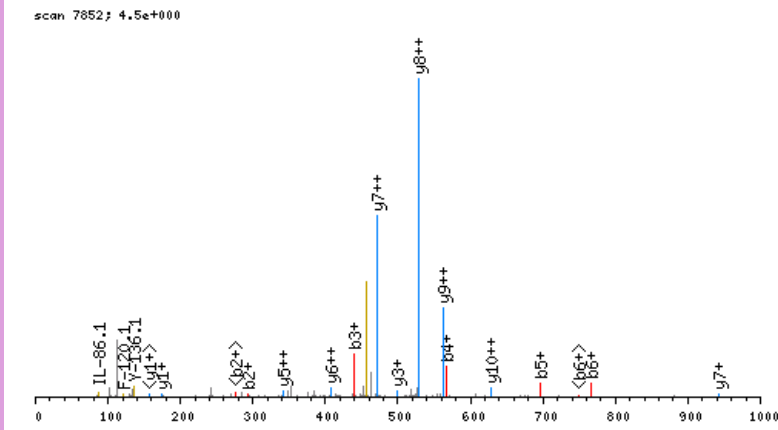
y + 2+ 3+

z + 2+ 3+

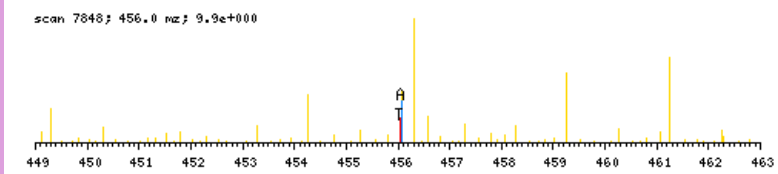
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
164.1135	1	E	14		
292.1721	2	Q	13	1657.9914	829.4996
439.2405	3	F	12	1529.9328	765.4703
567.2991	4	Q	11	1382.8644	691.9361
696.3417	5	E	10	1254.8058	627.9068
767.3788	6	A	9	1125.7632	563.3855
880.4628	7	L	8	1054.7261	527.8670
1009.5054	8	E	7	941.6421	471.3249
1138.5480	9	E	6	812.5995	406.8036
1251.6321	10	L	5	683.5569	342.2824
1322.6692	11	A	4	570.4728	285.7403
1484.8273	12	K	3	499.4357	250.2218
1646.9854	13	K	2	337.2776	169.1427
	14	R	1	175.1195	88.0637

N-term:+35.07 K(12):+162.16
 K(13):+162.16

EQKTVIPGMPTVIPPLTR, MH+ 2090.2048, m/z 697.4064
 L OS G26 P150811 220811-s1.06448.06448.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

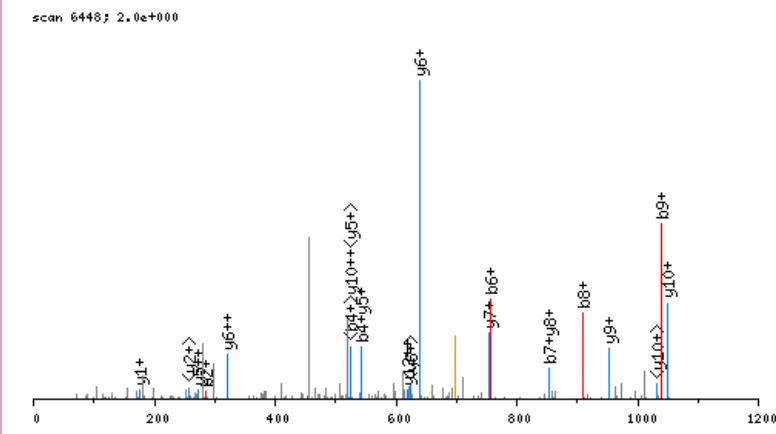
y + 2+ 3+

z + 2+ 3+

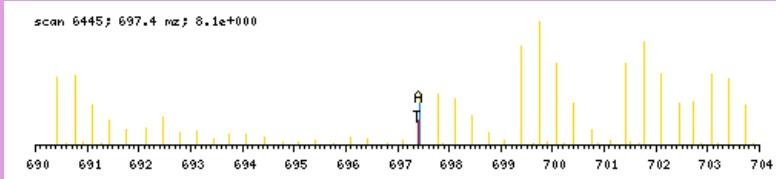
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 19		
286.1403	2	Q 18	1933.1309	967.0694
442.2666	3	K 17	1805.0723	903.0401
543.3142	4	T 16	1648.9460	824.9769
642.3827	5	V 15	1547.8983	774.4531
755.4667	6	I 14	1448.8299	724.9189
852.5195	7	P 13	1335.7459	668.3768
909.5410	8	G 12	1238.6931	619.8505
1040.5814	9	M 11	1181.6716	591.3397
1137.6342	10	P 10	1050.6312	525.8195
1238.6819	11	T 9	953.5784	477.2931
1337.7503	12	V 8	852.5307	426.7693
1450.8344	13	I 7	753.4623	377.2351
1547.8871	14	P 6	640.3782	320.6930
1644.9399	15	P 5	543.3255	272.1666
1701.9614	16	G 4	446.2727	223.6403
1815.0454	17	L 3	389.2512	195.1295
1916.0931	18	T 2	276.1672	138.5875
	19	R 1	175.1195	88.0637

N-term:+29.04 K(3):+156.13

ESEVASSLVLER, MH+ 1346.7167, m/z 673.8620
 L OS G25 P150811 220811-s1.05193.05193.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

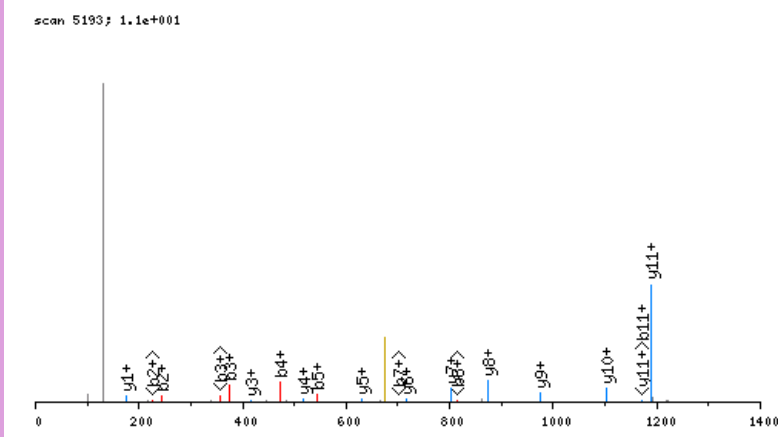
y + 2+ 3+

z + 2+ 3+

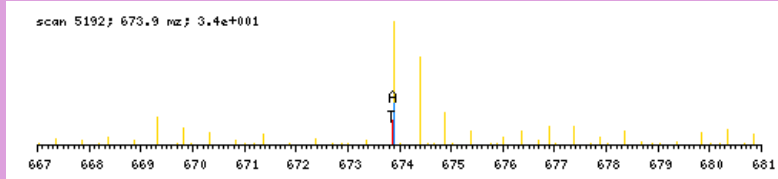
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 12		
245.1137	2	S 11	1189.6428	595.3253
374.1563	3	E 10	1102.6108	551.8093
473.2247	4	V 9	973.5682	487.2880
544.2618	5	A 8	874.4998	437.7538
631.2939	6	S 7	803.4627	402.2353
718.3259	7	S 6	716.4307	358.7192
831.4100	8	L 5	629.3986	315.2032
930.4784	9	V 4	516.3146	258.6612
1043.5624	10	L 3	417.2462	209.1270
1172.6050	11	E 2	304.1621	152.5850
	12	R 1	175.1195	88.0637

N-term:+29.04

ESISIIDTPGILSGAKQR, MH+ 1941.1021, m/z 647.7055
 L OS G26 P150811 220811-s1.05903.05903.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

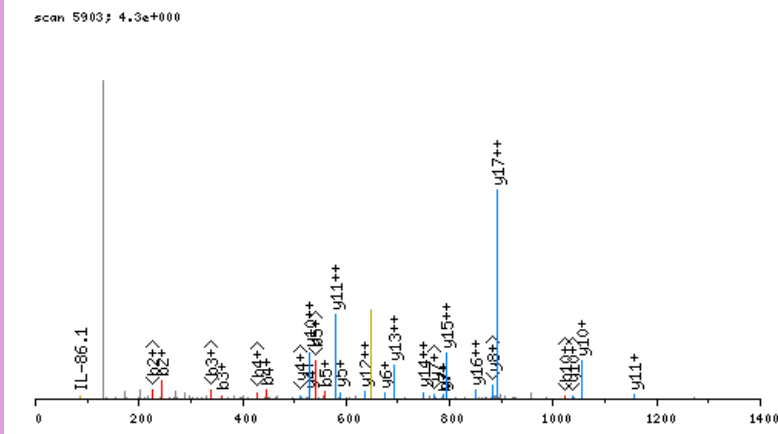
y + 2+ 3+

z + 2+ 3+

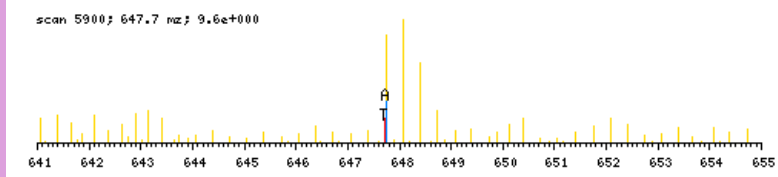
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 18		
245.1137	2	S 17	1784.0282	892.5180
358.1978	3	I 16	1696.9962	849.0020
445.2298	4	S 15	1583.9121	792.4600
558.3139	5	I 14	1496.8801	748.9440
671.3979	6	I 13	1383.7960	692.4019
786.4249	7	D 12	1270.7120	635.8599
887.4726	8	T 11	1155.6850	578.3464
984.5253	9	P 10	1054.6373	527.8226
1041.5468	10	G 9	957.5846	479.2962
1154.6309	11	I 8	900.5631	450.7855
1267.7149	12	L 7	787.4790	394.2434
1354.7469	13	S 6	674.3950	337.7014
1411.7684	14	G 5	587.3630	294.1854
1482.8055	15	A 4	530.3415	265.6747
1638.9318	16	K 3	459.3044	230.1561
1766.9904	17	Q 2	303.1781	152.0930
	18	R 1	175.1195	88.0637

N-term:+29.04 K(16):+156.13

ESKCLPMVKVLDVAVR, MH+ 1829.0393, m/z 458.0153
 L OS G28 P150811 220811-s1.08216.08216.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

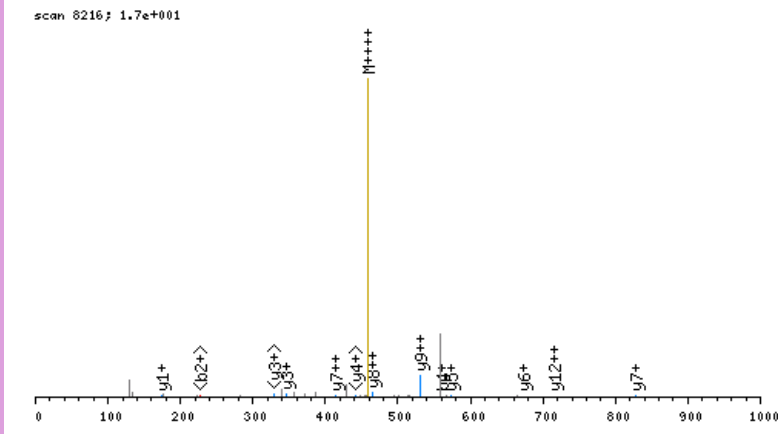
y + 2+ 3+

z + 2+ 3+

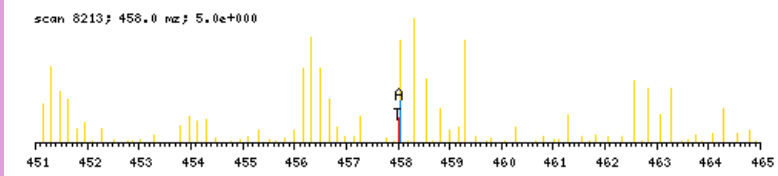
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



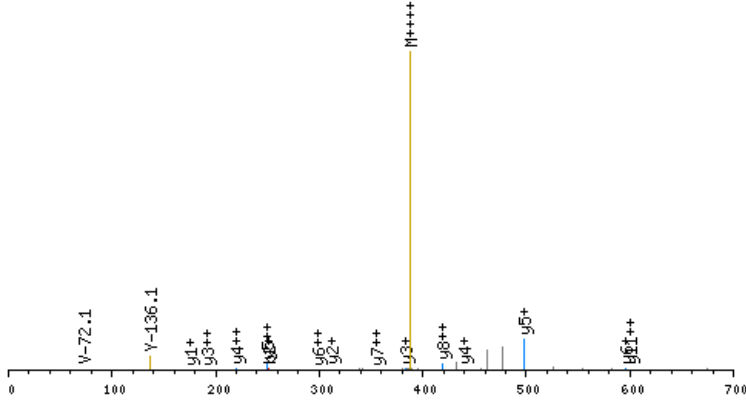
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
158.0817	1	E	15		
245.1137	2	S	14	1671.9654	836.4866
401.2400	3	K	13	1584.9334	792.9706
561.2706	4	C	12	1428.8071	714.9075
658.3234	5	P	11	1268.7765	634.8922
771.4074	6	L	10	1171.7237	586.3658
902.4479	7	M	9	1058.6396	529.8237
1001.5163	8	V	8	927.5992	464.3035
1157.6426	9	K	7	828.5307	414.7693
1256.7111	10	V	6	672.4044	336.7061
1369.7951	11	L	5	573.3360	287.1719
1484.8221	12	D	4	460.2520	230.6299
1555.8592	13	A	3	345.2250	173.1164
1654.9276	14	V	2	274.1879	137.5979
	15	R	1	175.1195	88.0637

N-term:+29.04 K(3):+156.13
 C(4):+160.03 K(9):+156.13

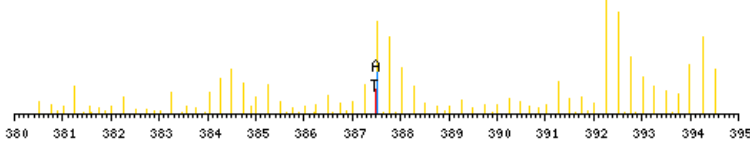
ESPTKVQLVGGAGR, MH+ 1546.9342, m/z 387.4890
 H OS G28 P150811 220811-s1.02634.02634.4.dta

scan 2634; 2.3e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2633; 387.5 m/z; 1.2e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
164.1135	1	E	14		
251.1455	2	S	13	1383.8285	692.4182
348.1983	3	P	12	1296.7965	648.9021
449.2460	4	T	11	1199.7437	600.3758
611.4041	5	K	10	1098.6960	549.8519
710.4725	6	V	9	936.5379	468.7729
838.5311	7	Q	8	837.4695	419.2387
951.6151	8	L	7	709.4109	355.2094
1050.6835	9	V	6	596.3269	298.6673
1107.7050	10	G	5	497.2585	249.1331
1164.7265	11	G	4	440.2370	220.6224
1235.7636	12	A	3	383.2155	192.1117
1372.8225	13	H	2	312.1784	156.5931
	14	R	1	175.1195	88.0637

N-term:+35.07 K(5):+162.16

ESVMKTEPSVAEYTVR, MH+ 1881.9632, m/z 627.9926
 L OS G26 P150811 220811-s1.03762.03762.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

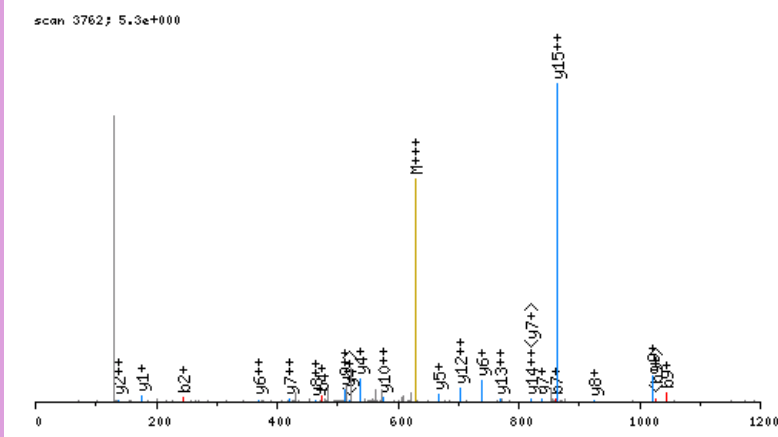
y + 2+ 3+

z + 2+ 3+

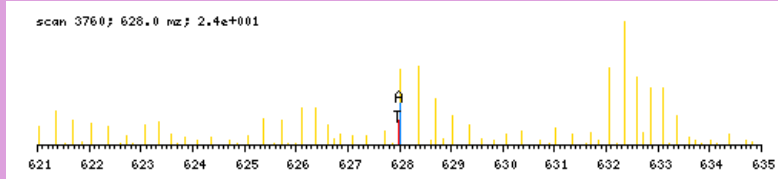
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
158.0817	1	E	16		
245.1137	2	S	15	1724.8893	862.9486
344.1821	3	V	14	1637.8573	819.4326
475.2226	4	M	13	1538.7889	769.8984
631.3489	5	K	12	1407.7484	704.3781
732.3966	6	T	11	1251.6221	626.3150
861.4392	7	E	10	1150.5744	575.7911
958.4920	8	P	9	1021.5318	511.2698
1045.5240	9	S	8	924.4791	462.7434
1144.5924	10	V	7	837.4470	419.2274
1215.6295	11	A	6	738.3786	369.6932
1344.6721	12	E	5	667.3415	334.1747
1507.7354	13	Y	4	538.2989	269.6534
1608.7831	14	T	3	375.2356	188.1217
1707.8515	15	V	2	274.1879	137.5979
	16	R	1	175.1195	88.0637

N-term:+29.04 K(5):+156.13

ETFDQGAHHAFGQGGGR, MH+ 1742.7999, m/z 436.4554
 L OS G28 P150811 220811-s1.03007.03007.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

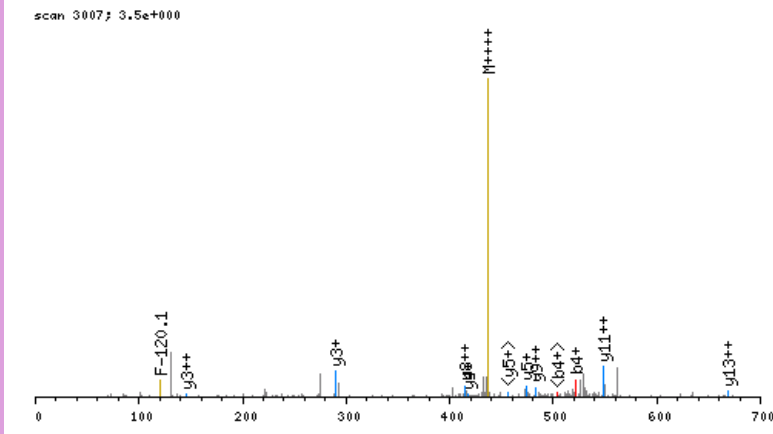
y + 2+ 3+

z + 2+ 3+

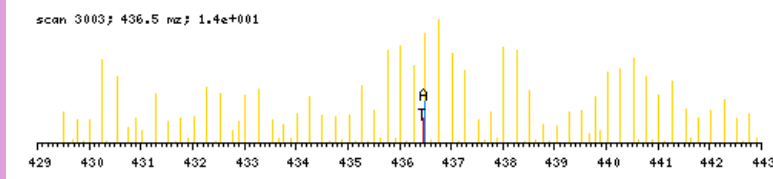
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



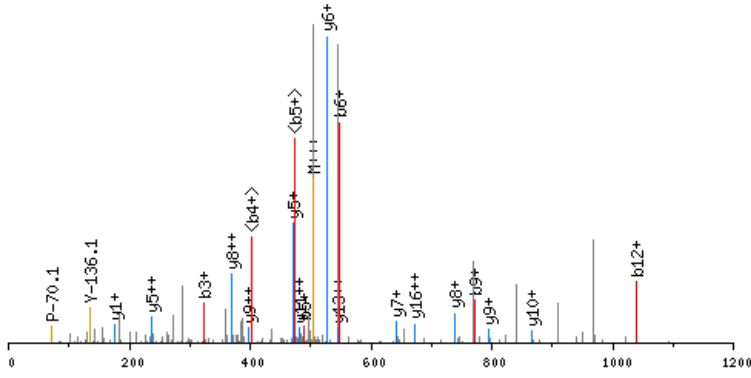
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 16		
259.1294	2	T 15	1585.7260	793.3669
406.1978	3	F 14	1484.6783	742.8431
521.2247	4	D 13	1337.6099	669.3089
649.2833	5	Q 12	1222.5830	611.7954
706.3048	6	G 11	1094.5244	547.7661
777.3419	7	A 10	1037.5029	519.2554
914.4008	8	H 9	966.4658	483.7368
1051.4597	9	H 8	829.4069	415.2074
1122.4968	10	A 7	692.3480	346.6779
1269.5652	11	F 6	621.3109	311.1594
1326.5867	12	G 5	474.2425	237.6251
1454.6453	13	Q 4	417.2210	209.1144
1511.6667	14	G 3	289.1624	145.0851
1568.6882	15	G 2	232.1410	116.5744
	16	R 1	175.1195	88.0637

N-term:+29.04

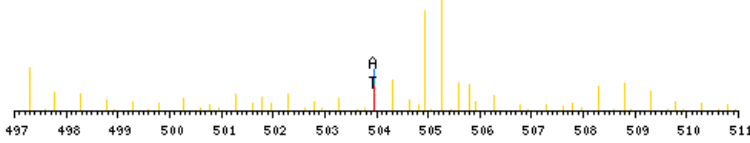
ETGPAGPAGPIGPAGAR, MH+ 1509.8237, m/z 503.9461
 H OS G25 P150811 220811-s1.03510.03510.3.dta

scan 3510; 2.0e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 3507; 503.9 m/z; 4.8e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
164.1135	1	E 17		
265.1612	2	T 16	1346.7181	673.8629
322.1826	3	G 15	1245.6704	623.3391
419.2354	4	P 14	1188.6489	594.8284
490.2725	5	A 13	1091.5962	546.3020
547.2940	6	G 12	1020.5591	510.7834
644.3467	7	P 11	963.5376	482.2727
715.3839	8	A 10	866.4848	433.7463
772.4053	9	G 9	795.4477	398.2278
869.4581	10	P 8	738.4262	369.7170
982.5421	11	I 7	641.3735	321.1907
1039.5636	12	G 6	528.2894	264.6486
1136.6164	13	P 5	471.2680	236.1379
1207.6535	14	A 4	374.2152	187.6115
1264.6750	15	G 3	303.1781	152.0930
1335.7121	16	A 2	246.1566	123.5822
	17	R 1	175.1195	88.0637

N-term:+35.07

ETTSSIPEAGEGQIR, MH+ 1602.7975, m/z 534.9373
 L OS G25 P150811 220811-s1.03673.03673.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

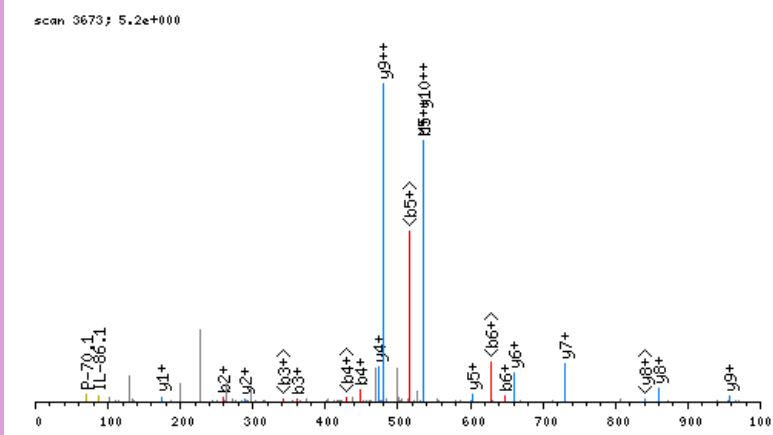
y + 2+ 3+

z + 2+ 3+

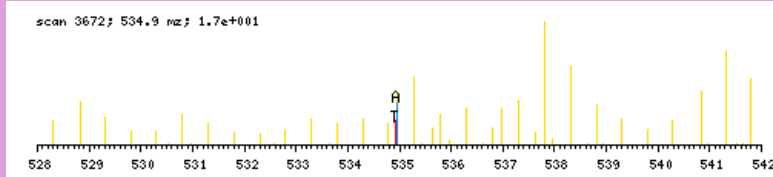
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



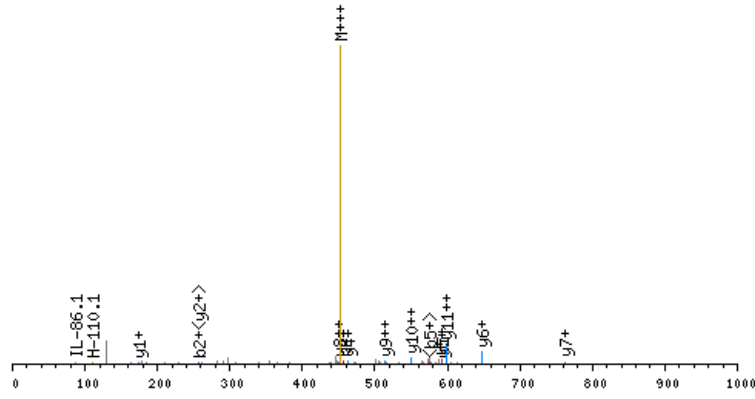
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 15		
259.1294	2	T 14	1445.7236	723.3657
360.1771	3	T 13	1344.6759	672.8419
447.2091	4	S 12	1243.6283	622.3180
534.2411	5	S 11	1156.5962	578.8020
647.3252	6	I 10	1069.5642	535.2860
744.3779	7	P 9	956.4801	478.7440
873.4205	8	E 8	859.4274	430.2176
944.4576	9	A 7	730.3848	365.6963
1001.4791	10	G 6	659.3477	330.1777
1130.5217	11	E 5	602.3262	301.6670
1187.5432	12	G 4	473.2836	237.1457
1315.6017	13	Q 3	416.2621	208.6350
1428.6858	14	I 2	288.2036	144.6057
	15	R 1	175.1195	88.0637

N-term:+29.04

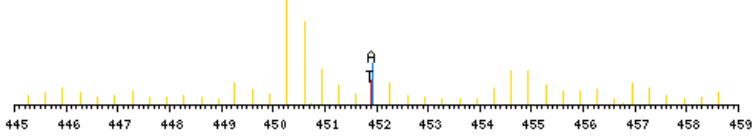
EVAQHLGESTVR, MH+ 1353.7126, m/z 451.9091
 L OS G27 P150811 220811-s1.02423.02423.3.dta

scan 2423; 1.1e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2422; 451.9 m/z; 3.1e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 12		
257.1501	2	V 11	1196.6388	598.8233
328.1872	3	A 10	1097.5703	549.2891
456.2458	4	Q 9	1026.5332	513.7705
593.3047	5	H 8	898.4747	449.7412
706.3888	6	L 7	761.4157	381.2118
763.4102	7	G 6	648.3317	324.6698
892.4528	8	E 5	591.3102	296.1590
979.4849	9	S 4	462.2676	231.6377
1080.5325	10	T 3	375.2356	188.1217
1179.6010	11	V 2	274.1879	137.5979
	12	R 1	175.1195	88.0637

N-term:+29.04

EVEDASEEAPLR, MH+ 1372.6596, m/z 458.2247
 L OS G25 P150811 220811-s1.03165.03165.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

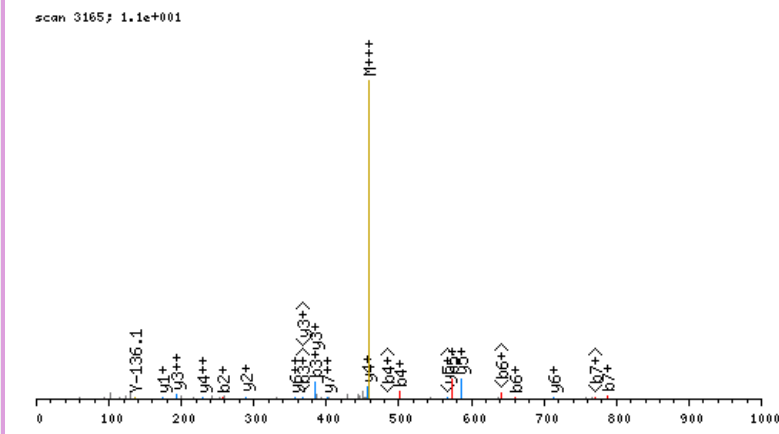
y + 2+ 3+

z + 2+ 3+

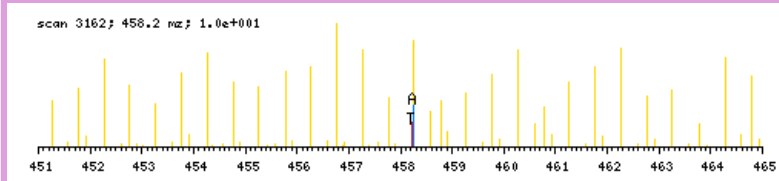
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 12		
257.1501	2	V 11	1215.5857	608.2968
386.1927	3	E 10	1116.5173	558.7626
501.2196	4	D 9	987.4747	494.2413
572.2568	5	A 8	872.4478	436.7278
659.2888	6	S 7	801.4107	401.2092
788.3314	7	E 6	714.3786	357.6932
917.3740	8	E 5	585.3360	293.1719
988.4111	9	A 4	456.2934	228.6506
1085.4638	10	P 3	385.2563	193.1321
1198.5479	11	L 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+29.04

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

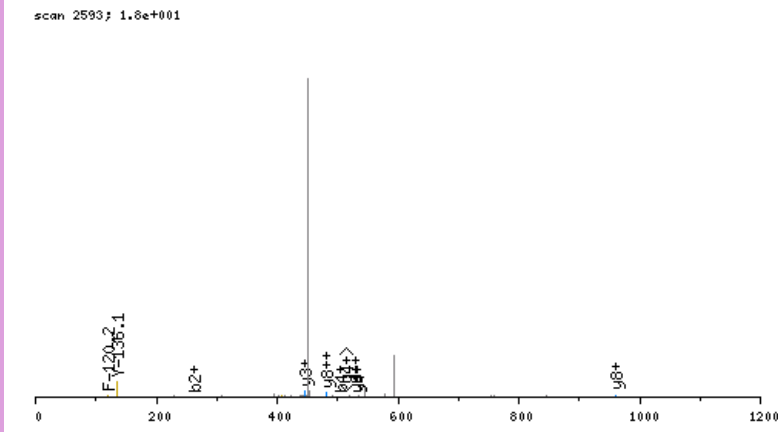
y + 2+ 3+

z + 2+ 3+

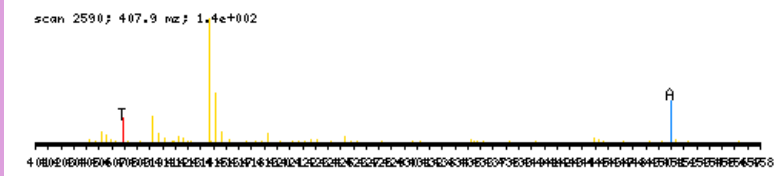
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



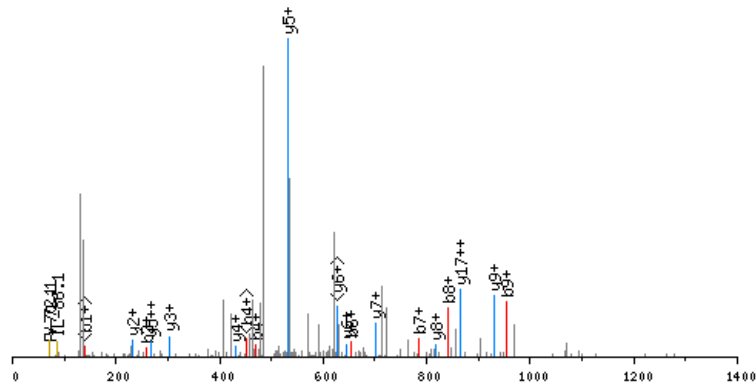
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
164.1135	1	E 10		
263.1819	2	V 9	1058.7098	529.8588
392.2245	3	E 8	959.6414	480.3246
505.3086	4	L 7	830.5988	415.8033
592.3406	5	S 6	717.5147	359.2613
691.4090	6	V 5	630.4827	315.7453
778.4410	7	S 4	531.4143	266.2111
879.4887	8	T 3	444.3823	222.6950
1041.6468	9	K 2	343.3346	172.1712
	10	K 1	181.1765	91.0922

N-term:+35.07 K(9):+162.16
 K(10):+162.16

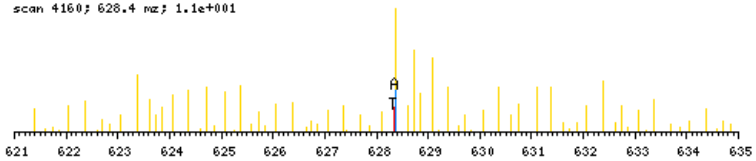
EVGKALEGINNGITQAGR, MH+ 1883.0351, m/z 628.3499
L OS G26 P150811 220811-s1.04163.04163.3.dta

scan 4163; 1.4e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4160; 628.4 m/z; 1.1e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 18		
257.1501	2	V 17	1725.9612	863.4845
314.1716	3	G 16	1626.8928	813.9503
470.2979	4	K 15	1569.8713	785.4396
541.3350	5	A 14	1413.7450	707.3764
654.4190	6	L 13	1342.7079	671.8579
783.4616	7	E 12	1229.6238	615.3158
840.4831	8	G 11	1100.5812	550.7945
953.5672	9	I 10	1043.5598	522.2838
1067.6101	10	N 9	930.4757	465.7418
1181.6530	11	N 8	816.4328	408.7203
1238.6745	12	G 7	702.3899	351.6988
1351.7586	13	I 6	645.3684	323.1881
1452.8062	14	T 5	532.2843	266.6461
1580.8648	15	Q 4	431.2367	216.1222
1651.9019	16	A 3	303.1781	152.0930
1708.9234	17	G 2	232.1410	116.5744
	18	R 1	175.1195	88.0637

N-term:+29.04 K(4):+156.13

EVHTGLGELLR, MH+ 1251.7061, m/z 417.9069
 L OS G27 P150811 220811-s1.05594.05594.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

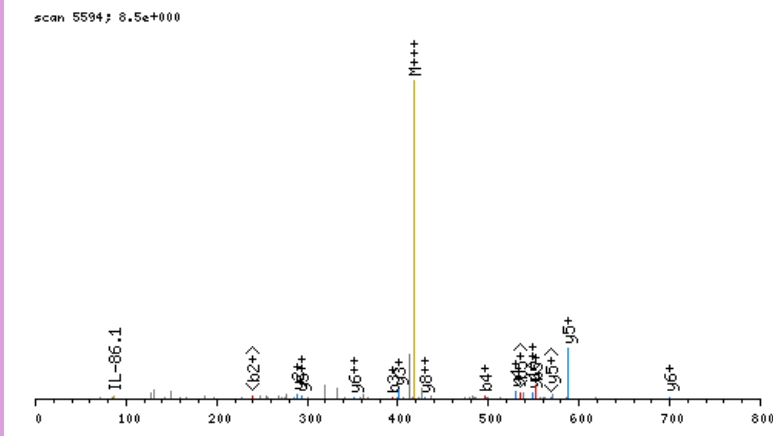
y + 2+ 3+

z + 2+ 3+

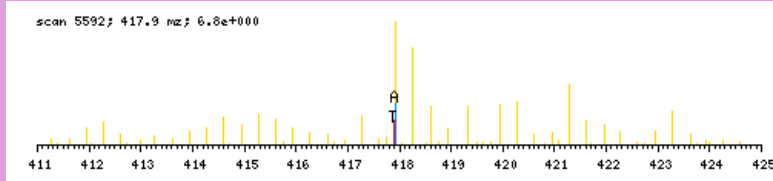
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 11		
257.1501	2	V 10	1094.6322	547.8200
394.2090	3	H 9	995.5638	498.2858
495.2567	4	T 8	858.5049	429.7564
552.2782	5	G 7	757.4572	379.2325
665.3622	6	L 6	700.4357	350.7218
722.3837	7	G 5	587.3517	294.1798
851.4263	8	E 4	530.3302	265.6690
964.5103	9	L 3	401.2876	201.1477
1077.5944	10	L 2	288.2036	144.6057
	11	R 1	175.1195	88.0637

N-term:+29.04

EVIETHITLVTEHQK, MH+ 1818.9714, m/z 606.9953
 L OS G26 P150811 220811-s1.05152.05152.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

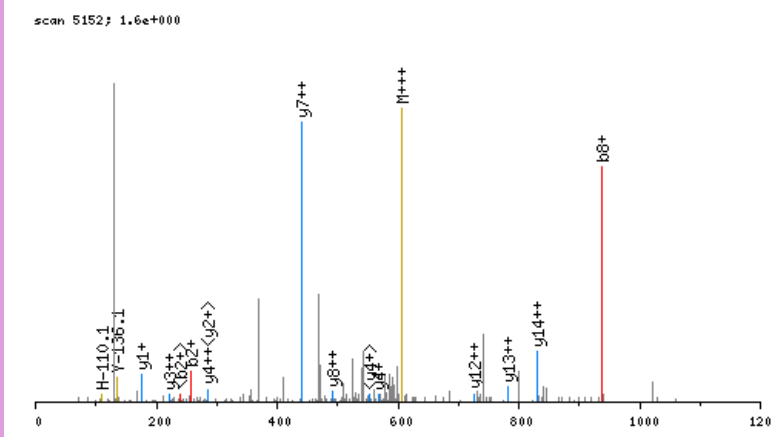
y + 2+ 3+

z + 2+ 3+

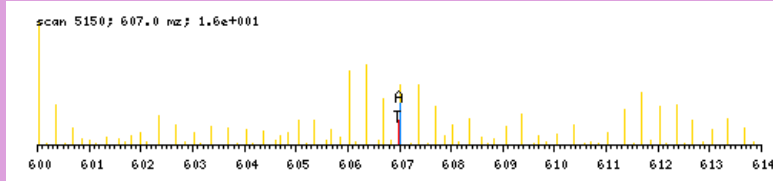
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 15		
257.1501	2	V 14	1661.8975	831.4527
370.2342	3	I 13	1562.8291	781.9185
499.2768	4	E 12	1449.7450	725.3764
600.3244	5	T 11	1320.7024	660.8551
737.3834	6	H 10	1219.6547	610.3313
838.4310	7	T 9	1082.5958	541.8018
937.4994	8	V 8	981.5482	491.2780
1050.5835	9	L 7	882.4797	441.7438
1149.6519	10	V 6	769.3957	385.2018
1250.6996	11	T 5	670.3273	335.6675
1379.7422	12	E 4	569.2796	285.1437
1516.8011	13	H 3	440.2370	220.6224
1644.8597	14	Q 2	303.1781	152.0930
	15	R 1	175.1195	88.0637

N-term:+29.04

EVKCDMEVSCPEGYTCCR, MH+ 2335.9488, m/z 779.3211
 L OS G26 P150811 220811-s1.03341.03341.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

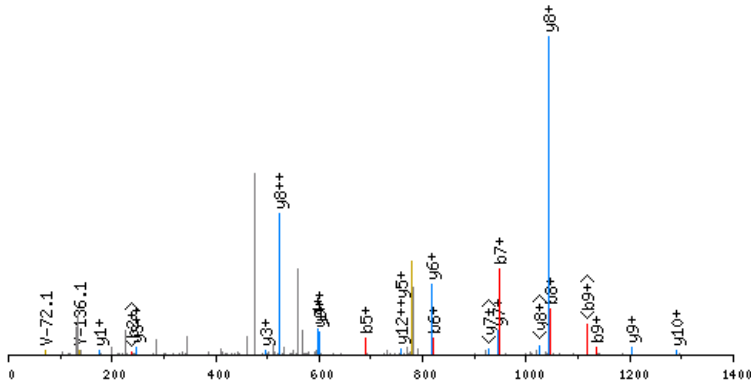
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

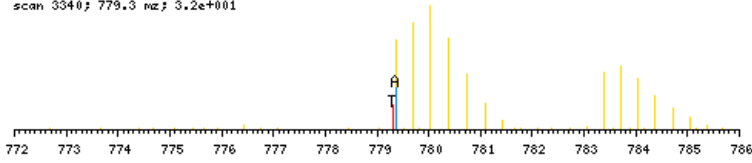
GO

scan 3341; 5.0e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 3340; 779.3 mz; 3.2e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
158.0817	1	E	18		
257.1501	2	V	17	2178.8749	1089.9414
413.2764	3	K	16	2079.8065	1040.4072
573.3070	4	C	15	1923.6802	962.3440
688.3340	5	D	14	1763.6496	882.3287
819.3744	6	M	13	1648.6226	824.8152
948.4170	7	E	12	1517.5822	759.2950
1047.4854	8	V	11	1388.5396	694.7737
1134.5175	9	S	10	1289.4712	645.2395
1294.5481	10	C	9	1202.4391	601.7235
1391.6008	11	P	8	1042.4085	521.7082
1520.6434	12	E	7	945.3558	473.1818
1577.6649	13	G	6	816.3132	408.6605
1740.7282	14	Y	5	759.2917	380.1498
1841.7759	15	T	4	596.2284	298.6181
2001.8065	16	C	3	495.1807	248.0943
2161.8371	17	C	2	335.1501	168.0790
	18	R	1	175.1195	88.0637

N-term:+29.04 K(3):+156.13
 C(4):+160.03 C(10):+160.03
 C(16):+160.03 C(17):+160.03

EVKVDCSEYLALSKR, MH+ 1881.0156, m/z 471.0093
 L OS G28 P150811 220811-s1.05627.05627.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

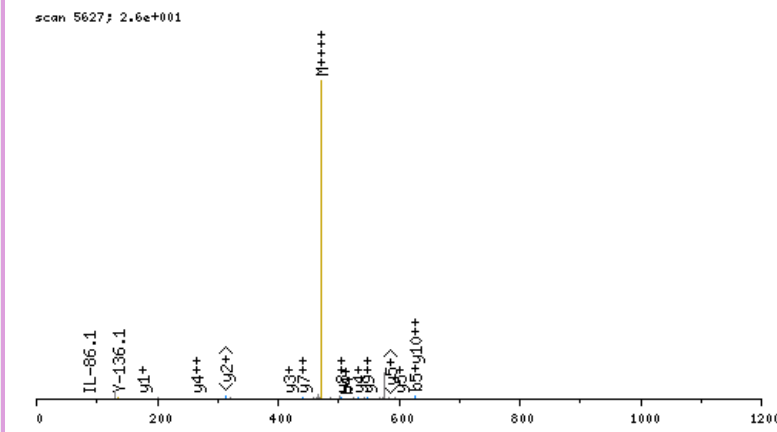
y + 2+ 3+

z + 2+ 3+

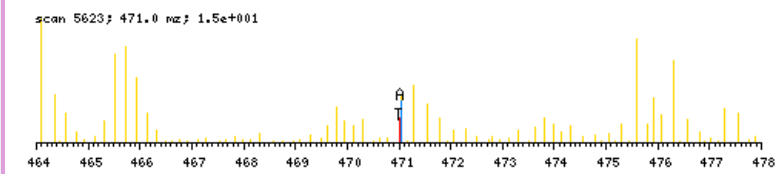
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
158.0817	1	E	15		
257.1501	2	V	14	1723.9417	862.4748
413.2764	3	K	13	1624.8733	812.9406
512.3448	4	V	12	1468.7470	734.8774
627.3718	5	D	11	1369.6786	685.3432
787.4024	6	C	10	1254.6516	627.8297
874.4344	7	S	9	1094.6210	547.8144
1003.4770	8	E	8	1007.5890	504.2984
1166.5403	9	Y	7	878.5464	439.7771
1279.6244	10	L	6	715.4831	358.2454
1350.6615	11	A	5	602.3990	301.7034
1463.7456	12	L	4	531.3619	266.1849
1550.7776	13	S	3	418.2778	209.6428
1706.9039	14	K	2	331.2458	166.1268
	15	R	1	175.1195	88.0637

N-term:+29.04 K(3):+156.13
 C(6):+160.03 K(14):+156.13

EVLDMAENAFDDEYLKCKSR, MH+ 2535.2959, m/z 634.5794
 H OS G28 P150811 220811-s1.08311.08311.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

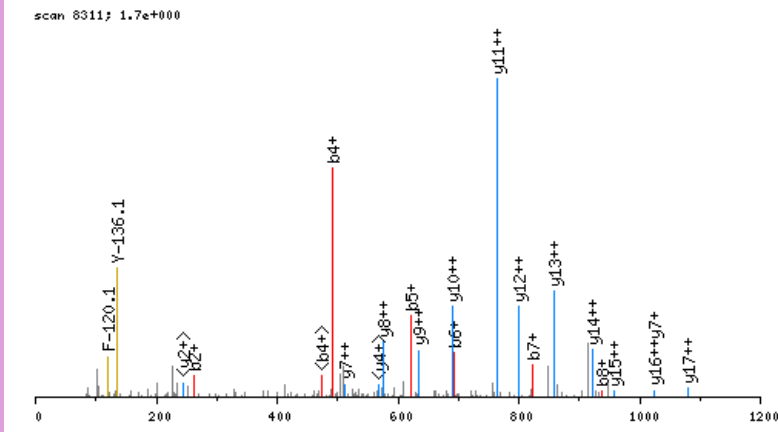
y + 2+ 3+

z + 2+ 3+

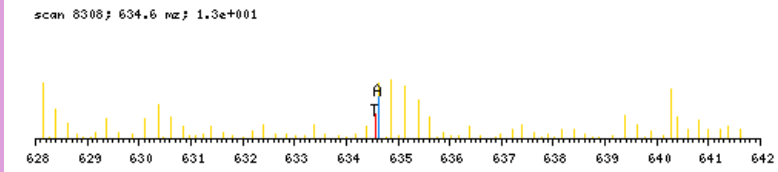
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
164.1135	1	E	20		
263.1819	2	V	19	2372.1903	1186.5990
376.2660	3	L	18	2273.1219	1137.0648
491.2929	4	D	17	2160.0378	1080.5228
622.3334	5	M	16	2045.0108	1023.0093
693.3705	6	A	15	1913.9704	957.4891
822.4131	7	E	14	1842.9332	921.9705
936.4560	8	N	13	1713.8907	857.4492
1007.4931	9	A	12	1599.8477	800.4278
1154.5616	10	F	11	1528.8106	764.9092
1269.5885	11	D	10	1381.7422	691.3750
1384.6154	12	D	9	1266.7153	633.8615
1513.6580	13	E	8	1151.6883	576.3481
1676.7214	14	Y	7	1022.6457	511.8268
1789.8054	15	L	6	859.5824	430.2951
1951.9635	16	K	5	746.4983	373.7531
2111.9941	17	C	4	584.3402	292.6740
2274.1522	18	K	3	424.3096	212.6587
2361.1843	19	S	2	262.1515	131.5797
	20	R	1	175.1195	88.0637

N-term:+35.07 K(16):+162.16
 C(17):+160.03 K(18):+162.16

EVQLQQSGAELVR, MH+ 1490.8391, m/z 497.6179
 H OS G25 P150811 220811-s1.04844.04844.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

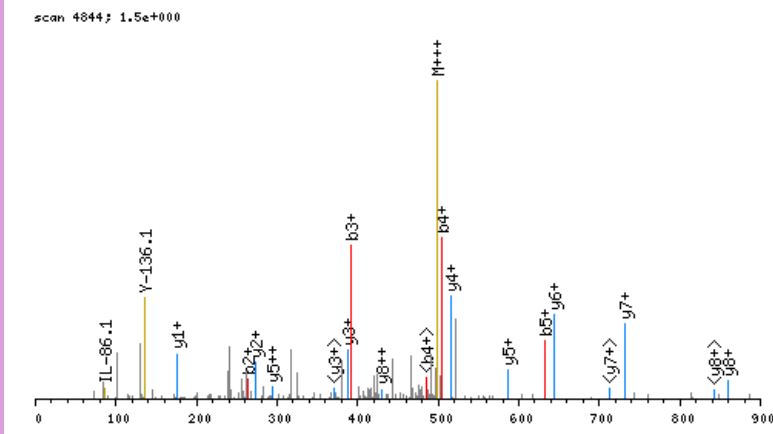
y + 2+ 3+

z + 2+ 3+

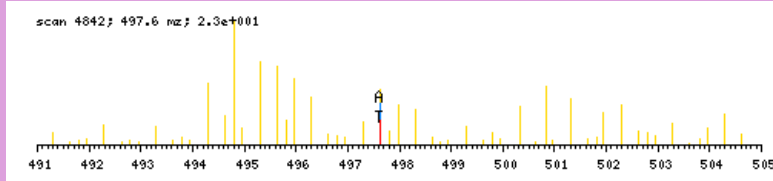
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
164.1135	1	E	13		
263.1819	2	V	12	1327.7334	664.3706
391.2405	3	Q	11	1228.6650	614.8364
504.3245	4	L	10	1100.6064	550.8071
632.3831	5	Q	9	987.5223	494.2651
760.4417	6	Q	8	859.4638	430.2358
847.4737	7	S	7	731.4052	366.2065
904.4952	8	G	6	644.3731	322.6905
975.5323	9	A	5	587.3517	294.1798
1104.5749	10	E	4	516.3146	258.6612
1217.6590	11	L	3	387.2720	194.1399
1316.7274	12	V	2	274.1879	137.5979
	13	R	1	175.1195	88.0637

N-term:+35.07

EYGFQNAILVR, MH+ 1337.7217, m/z 669.3645
 L OS G25 P150811 220811-s1.06900.06900.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

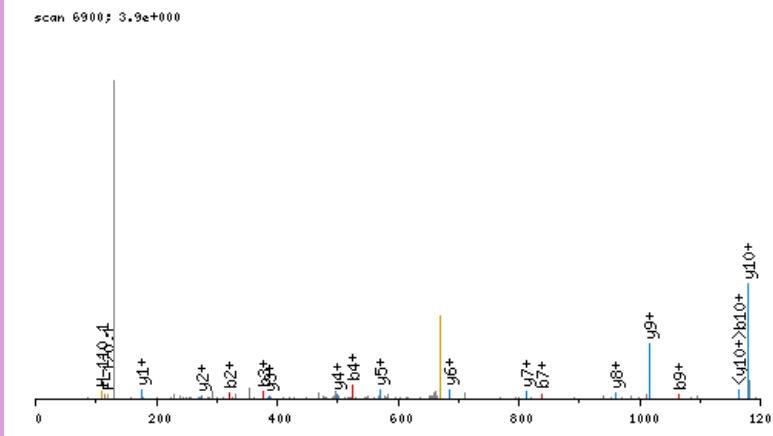
y + 2+ 3+

z + 2+ 3+

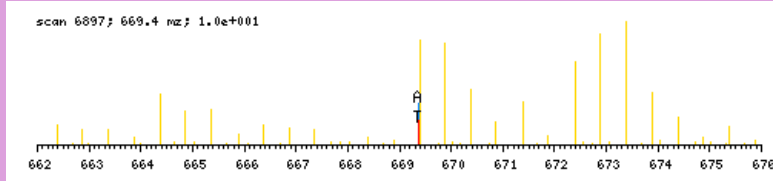
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 11		
321.1450	2	Y 10	1180.6479	590.8278
378.1665	3	G 9	1017.5845	509.2962
525.2349	4	F 8	960.5631	480.7855
653.2935	5	Q 7	813.4947	407.2512
767.3364	6	N 6	685.4361	343.2220
838.3735	7	A 5	571.3932	286.2005
951.4576	8	I 4	500.3560	250.6819
1064.5416	9	L 3	387.2720	194.1399
1163.6101	10	V 2	274.1879	137.5979
	11	R 1	175.1195	88.0637

N-term:+29.04

FAKLVRRPPVQVYGIAGR, MH+ 1997.2336, m/z 500.0639
 H OS G28 P150811 220811-s1.06569.06569.4.dta

X-range:

0 - 0

MassTol: Y-zoom:

0. 1.

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

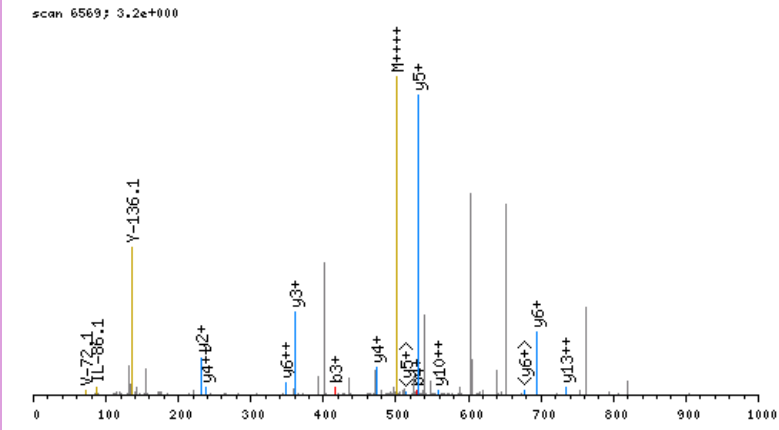
y + 2+ 3+

z + 2+ 3+

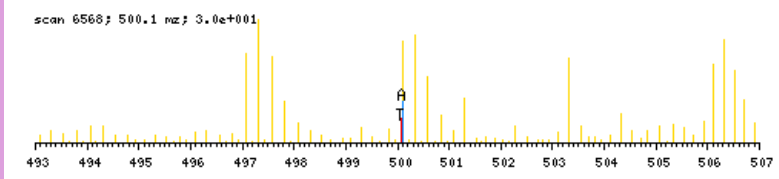
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
182.1393	1	F 17		
253.1764	2	A 16	1816.1021	908.5550
415.3345	3	K 15	1745.0650	873.0364
528.4186	4	L 14	1582.9069	791.9574
627.4870	5	V 13	1469.8229	735.4153
783.5881	6	R 12	1370.7545	685.8811
880.6409	7	P 11	1214.6533	607.8306
977.6936	8	P 10	1117.6006	559.3042
1076.7621	9	V 9	1020.5478	510.7778
1204.8206	10	Q 8	921.4794	461.2436
1303.8890	11	V 7	793.4208	397.2143
1466.9524	12	Y 6	694.3524	347.6801
1523.9738	13	G 5	531.2891	266.1485
1637.0579	14	I 4	474.2676	237.6377
1766.1005	15	E 3	361.1836	181.0957
1823.1220	16	G 2	232.1410	116.5744
	17	R 1	175.1195	88.0637

N-term:+35.07 K(3):+162.16

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

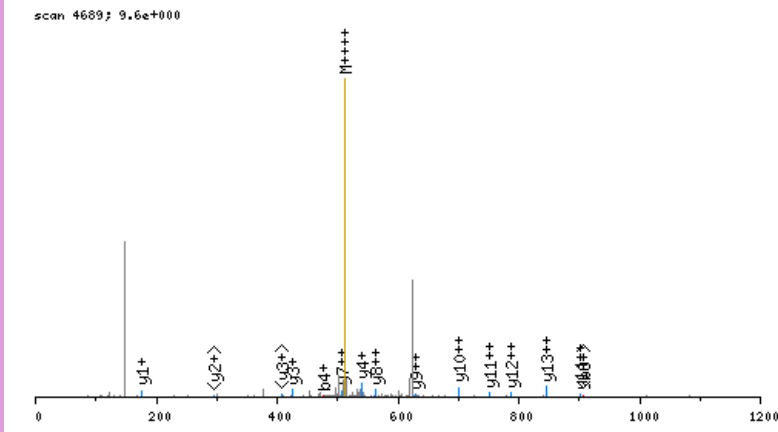
y + 2+ 3+

z + 2+ 3+

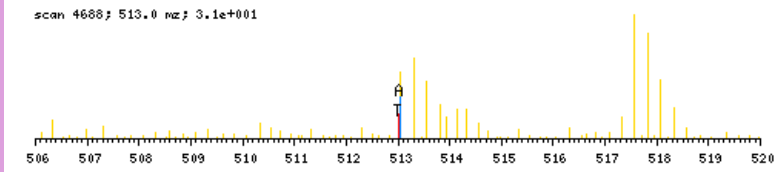
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
176.1075	1	F 16		
247.1446	2	A 15	1873.9595	937.4836
361.1876	3	N 14	1802.9224	901.9651
476.2145	4	D 13	1688.8794	844.9436
547.2516	5	A 12	1573.8525	787.4302
648.2993	6	T 11	1502.8154	751.9116
795.3677	7	F 10	1401.7677	701.3878
924.4103	8	E 9	1254.6993	627.8536
1037.4944	9	I 8	1125.6567	563.3323
1193.6207	10	K 7	1012.5726	506.7902
1349.7470	11	K 6	856.4463	428.7271
1509.7776	12	C 5	700.3200	350.6639
1624.8045	13	D 4	540.2894	270.6486
1737.8886	14	L 3	425.2625	213.1352
1874.9475	15	H 2	312.1784	156.5931
	16	R 1	175.1195	88.0637

N-term:+29.04 K(10):+156.13
 K(11):+156.13 C(12):+160.03

FDAPVTAECGHSFCR, MH+ 1781.7738, m/z 594.5961
 L OS G27 P150811 220811-s1.04550.04550.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

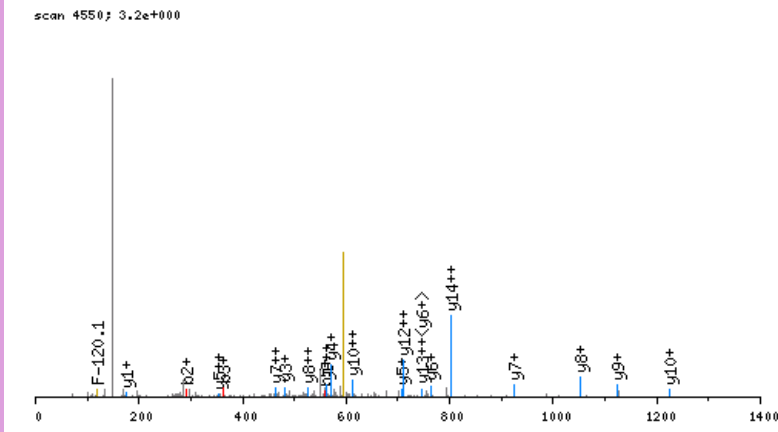
y + 2+ 3+

z + 2+ 3+

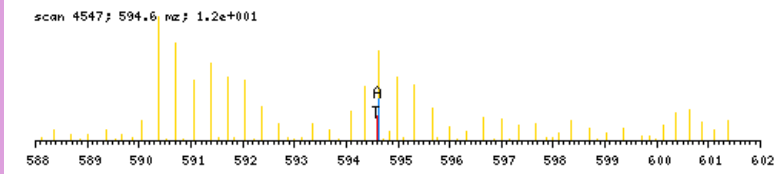
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
176.1075	1	F	15		
291.1345	2	D	14	1606.6741	803.8410
362.1716	3	A	13	1491.6472	746.3275
459.2243	4	P	12	1420.6101	710.8090
558.2927	5	V	11	1323.5573	662.2826
659.3404	6	T	10	1224.4889	612.7484
730.3775	7	A	9	1123.4412	562.2245
859.4201	8	E	8	1052.4041	526.7060
1019.4507	9	C	7	923.3615	462.1847
1076.4722	10	G	6	763.3309	382.1694
1213.5311	11	H	5	706.3095	353.6586
1300.5631	12	S	4	569.2505	285.1292
1447.6316	13	F	3	482.2185	241.6132
1607.6622	14	C	2	335.1501	168.0790
	15	R	1	175.1195	88.0637

N-term:+29.04 C(9):+160.03
 C(14):+160.03

FDITADDEPLGR, MH+ 1376.6698, m/z 688.8385
 L OS G25 P150811 220811-s1.06389.06389.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

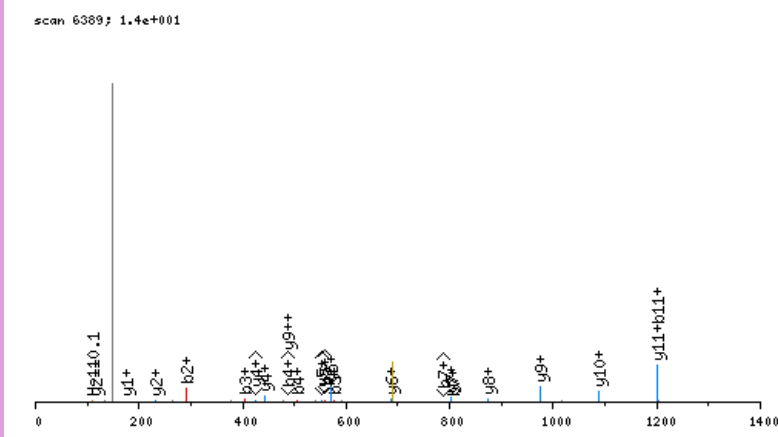
y + 2+ 3+

z + 2+ 3+

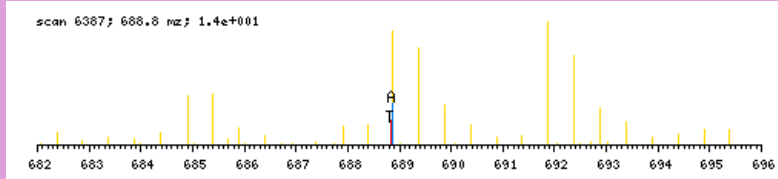
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
176.1075	1	F 12		
291.1345	2	D 11	1201.5701	601.2889
404.2185	3	I 10	1086.5431	543.7755
505.2662	4	T 9	973.4591	487.2334
576.3033	5	A 8	872.4114	436.7096
691.3303	6	D 7	801.3743	401.1910
806.3572	7	D 6	686.3473	343.6776
935.3998	8	E 5	571.3204	286.1641
1032.4526	9	P 4	442.2778	221.6428
1145.5366	10	L 3	345.2250	173.1164
1202.5581	11	G 2	232.1410	116.5744
	12	R 1	175.1195	88.0637

N-term:+29.04

FDKEGNGTVMGAELR, MH+ 1691.9063, m/z 564.6403
 H OS G27 P150811 220811-s1.04245.04245.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

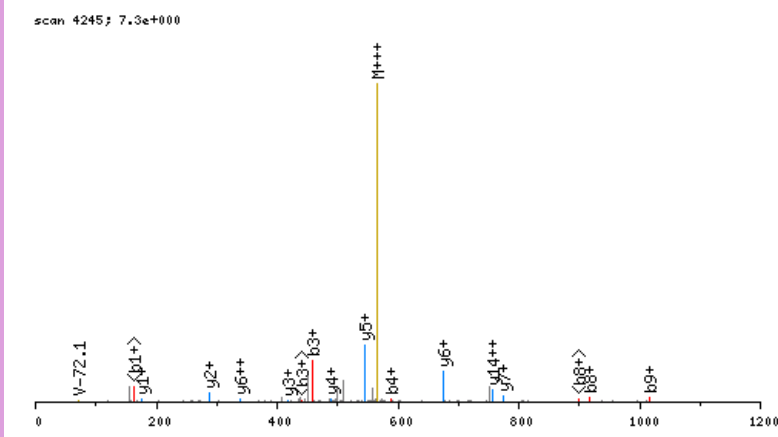
y + 2+ 3+

z + 2+ 3+

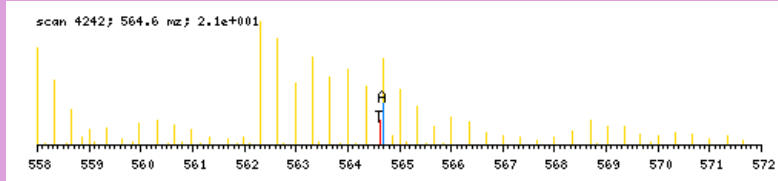
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



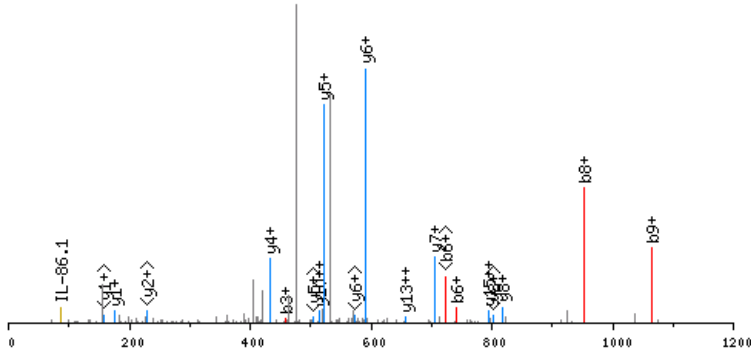
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
182.1393	1	F 15		
297.1663	2	D 14	1510.7748	755.8913
459.3244	3	K 13	1395.7479	698.3778
588.3670	4	E 12	1233.5898	617.2988
645.3884	5	G 11	1104.5472	552.7775
759.4313	6	N 10	1047.5257	524.2668
816.4528	7	G 9	933.4828	467.2453
917.5005	8	T 8	876.4613	438.7346
1016.5689	9	V 7	775.4136	388.2107
1147.6094	10	M 6	676.3452	338.6765
1204.6308	11	G 5	545.3047	273.1563
1275.6680	12	A 4	488.2833	244.6455
1404.7106	13	E 3	417.2462	209.1270
1517.7946	14	L 2	288.2036	144.6057
	15	R 1	175.1195	88.0637

N-term:+35.07 K(3):+162.16

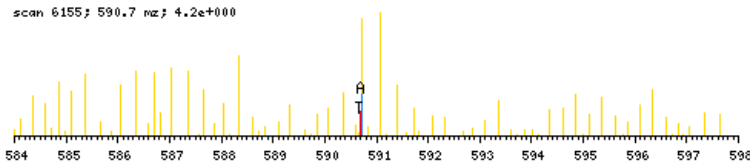
FDKPVSPDLLASGMAR, MH+ 1770.0624, m/z 590.6923
 H OS G26 P150811 220811-s1.06158.06158.3.dta

scan 6158; 2.1e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6155; 590.7 m/z; 4.2e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
182.1393	1	F	16		
297.1663	2	D	15	1588.9309	794.9694
459.3244	3	K	14	1473.9040	737.4559
556.3771	4	P	13	1311.7459	656.3768
655.4455	5	V	12	1214.6931	607.8505
742.4776	6	S	11	1115.6247	558.3163
839.5303	7	P	10	1028.5927	514.8002
952.6144	8	L	9	931.5399	466.2739
1065.6985	9	L	8	818.4558	409.7318
1178.7825	10	L	7	705.3718	353.1898
1249.8196	11	A	6	592.2877	296.6478
1336.8517	12	S	5	521.2506	261.1292
1393.8731	13	G	4	434.2186	217.6132
1524.9136	14	M	3	377.1971	189.1025
1595.9507	15	A	2	246.1566	123.5822
	16	R	1	175.1195	88.0637

N-term:+35.07 K(3):+162.16

FDNEQSDLVHR, MH+ 1387.6606, m/z 463.2250
 L OS G27 P150811 220811-s1.02955.02955.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

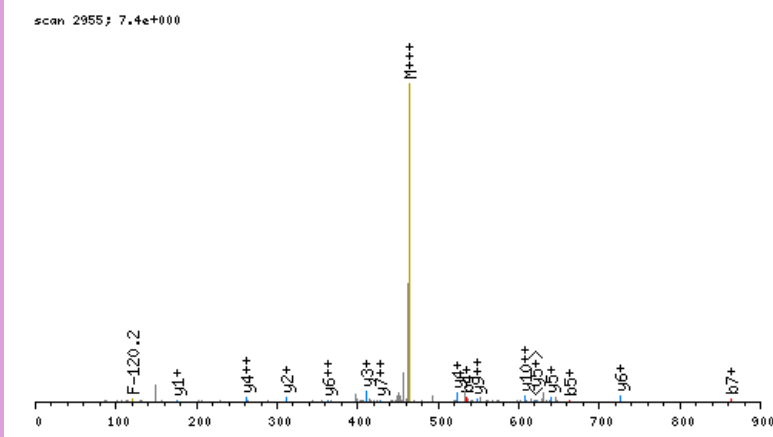
y + 2+ 3+

z + 2+ 3+

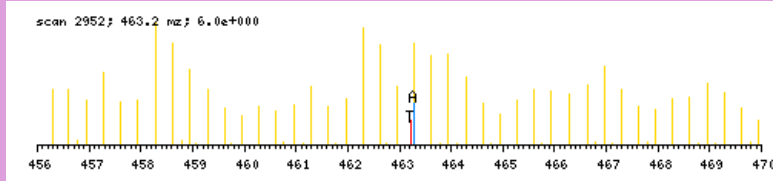
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
176.1075	1	F 11		
291.1345	2	D 10	1212.5609	606.7844
405.1774	3	N 9	1097.5340	549.2709
534.2200	4	E 8	983.4910	492.2494
662.2786	5	Q 7	854.4484	427.7281
749.3106	6	S 6	726.3899	363.6988
864.3375	7	D 5	639.3578	320.1828
977.4216	8	L 4	524.3309	262.6694
1076.4900	9	V 3	411.2468	206.1273
1213.5489	10	H 2	312.1784	156.5931
	11	R 1	175.1195	88.0637

N-term:+29.04

FDQTQIQEFKEAFTVIDQNR, MH+ 2525.3312, m/z 632.0883
 H OS G26 P150811 220811-s1.06907.06907.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

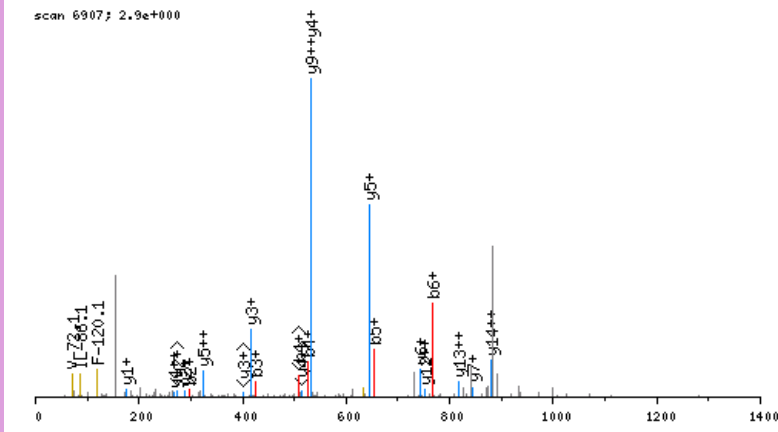
y + 2+ 3+

z + 2+ 3+

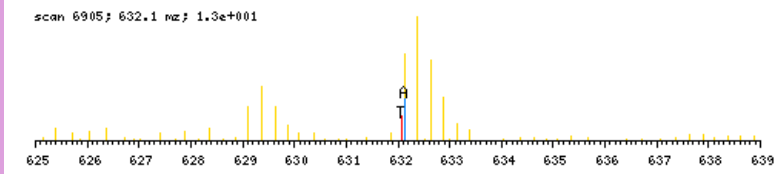
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
182.1393	1	F 20		
297.1663	2	D 19	2344.1998	1172.6038
425.2248	3	Q 18	2229.1728	1115.0903
526.2725	4	T 17	2101.1142	1051.0610
654.3311	5	Q 16	2000.0666	1000.5372
767.4152	6	I 15	1872.0080	936.5079
895.4737	7	Q 14	1758.9239	879.9659
1024.5163	8	E 13	1630.8653	815.9366
1171.5847	9	F 12	1501.8227	751.4153
1333.7428	10	K 11	1354.7543	677.8811
1462.7854	11	E 10	1192.5962	596.8020
1533.8225	12	A 9	1063.5536	532.2807
1680.8910	13	F 8	992.5165	496.7622
1781.9386	14	T 7	845.4481	423.2280
1881.0071	15	V 6	744.4004	372.7041
1994.0911	16	I 5	645.3320	323.1699
2109.1181	17	D 4	532.2479	266.6279
2237.1766	18	Q 3	417.2210	209.1144
2351.2196	19	N 2	289.1624	145.0851
	20	R 1	175.1195	88.0637

N-term:+35.07 K(10):+162.16

FDTPQESPVKSPVPR, MH+ 1739.9332, m/z 580.6493
 L OS G26 P150811 220811-s1.03259.03259.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

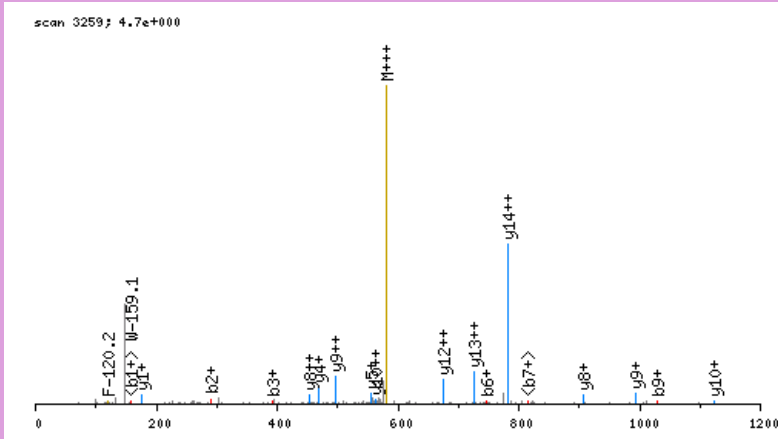
y + 2+ 3+

z + 2+ 3+

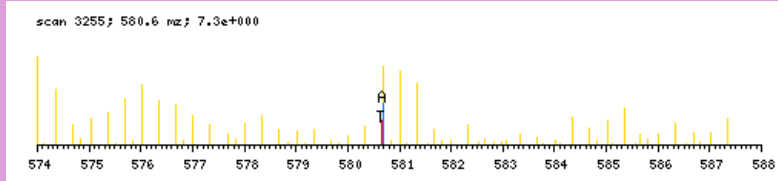
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
176.1075	1	F 15		
291.1345	2	D 14	1564.8335	782.9207
392.1821	3	T 13	1449.8066	725.4072
489.2349	4	P 12	1348.7589	674.8834
617.2935	5	Q 11	1251.7061	626.3570
746.3361	6	E 10	1123.6476	562.3277
833.3681	7	S 9	994.6050	497.8064
930.4209	8	P 8	907.5729	454.2904
1029.4893	9	V 7	810.5202	405.7640
1185.6156	10	K 6	711.4518	356.2298
1272.6476	11	S 5	555.3255	278.1666
1369.7004	12	P 4	468.2934	234.6506
1466.7531	13	P 3	371.2407	186.1243
1565.8215	14	V 2	274.1879	137.5979
	15	R 1	175.1195	88.0637

N-term:+29.04 K(10):+156.13

FQAKVQAINVSSR, MH+ 1516.9124, m/z 506.3090
 H OS G27 P150811 220811-s1.04291.04291.3.dta

scan 4291; 2.5e+001

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

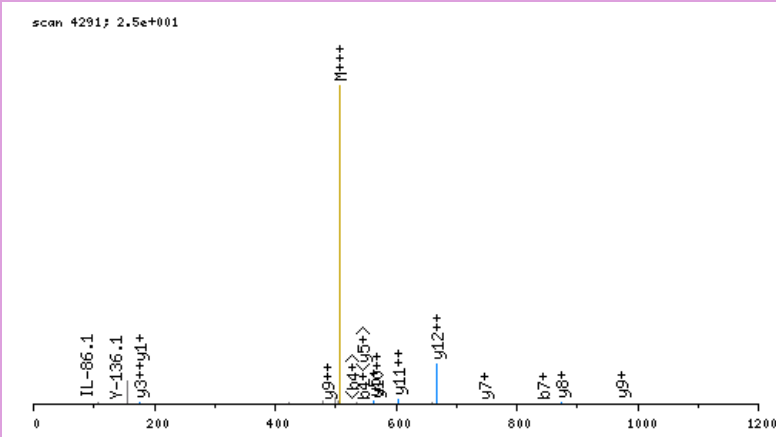
y + 2+ 3+

z + 2+ 3+

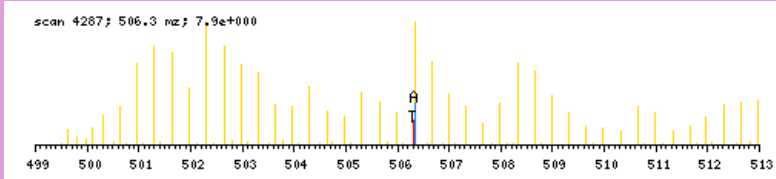
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
182.1393	1	F 13		
311.1819	2	E 12	1335.7809	668.3944
382.2190	3	A 11	1206.7383	603.8731
544.3771	4	K 10	1135.7012	568.3545
643.4455	5	V 9	973.5431	487.2754
771.5041	6	Q 8	874.4747	437.7412
842.5412	7	A 7	746.4161	373.7120
955.6253	8	I 6	675.3790	338.1934
1069.6682	9	N 5	562.2949	281.6514
1168.7366	10	V 4	448.2520	224.6299
1255.7687	11	S 3	349.1836	175.0957
1342.8007	12	S 2	262.1515	131.5797
	13	R 1	175.1195	88.0637

N-term:+35.07 K(4):+162.16

FEKYGKIEITIEVMEDR, MH+ 2089.1740, m/z 523.0490
 H OS G28 P150811 220811-s1.06167.06167.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

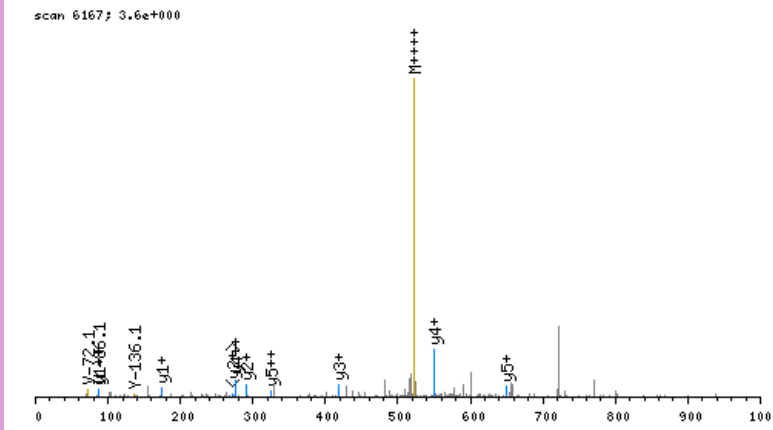
y + 2+ 3+

z + 2+ 3+

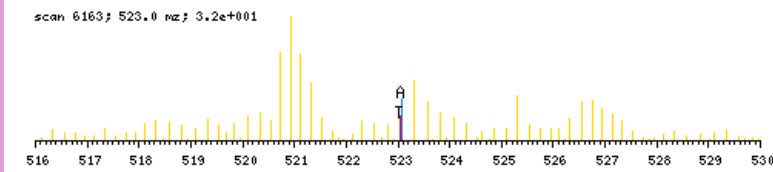
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
182.1393	1	F	16		
311.1819	2	E	15	1908.0425	954.5252
473.3400	3	K	14	1778.9999	890.0039
636.4033	4	Y	13	1616.8418	808.9248
693.4248	5	G	12	1453.7785	727.3932
855.5829	6	K	11	1396.7570	698.8824
968.6670	7	I	10	1234.5989	617.8034
1097.7096	8	E	9	1121.5149	561.2613
1198.7572	9	T	8	992.4723	496.7400
1311.8413	10	I	7	891.4246	446.2162
1440.8839	11	E	6	778.3405	389.6742
1539.9523	12	V	5	649.2979	325.1529
1670.9928	13	M	4	550.2295	275.6187
1800.0354	14	E	3	419.1890	210.0984
1915.0623	15	D	2	290.1464	145.5771
	16	R	1	175.1195	88.0637

N-term:+35.07 K(3):+162.16
 K(6):+162.16

FETALLSSGFSLQTHSNR, MH+ 2364.1472, m/z 591.7922
 L OS G26 P150811 220811-s1.06439.06439.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

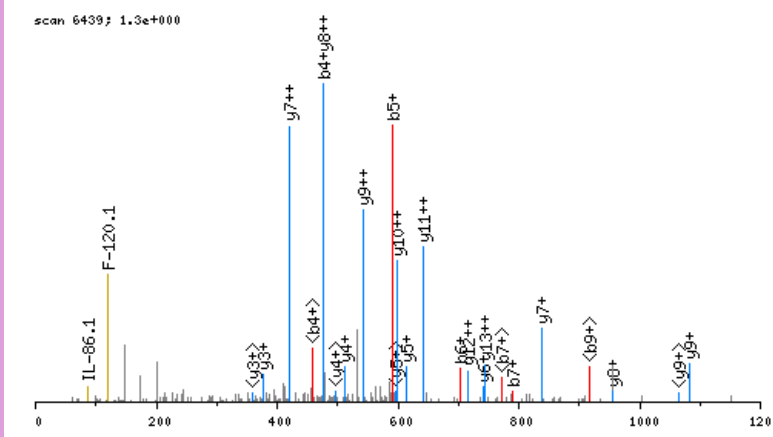
y + 2+ 3+

z + 2+ 3+

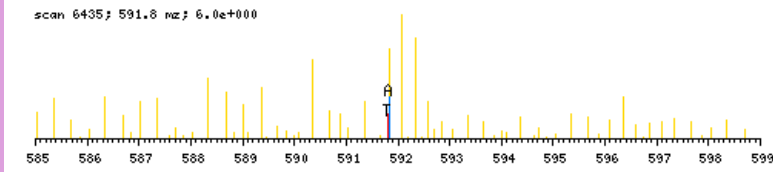
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
176.1075	1	F 21		
305.1501	2	E 20	2189.0475	1095.0276
406.1978	3	T 19	2060.0049	1030.5063
477.2349	4	A 18	1958.9572	979.9825
590.3190	5	L 17	1887.9201	944.4640
703.4030	6	L 16	1774.8360	887.9219
790.4351	7	S 15	1661.7520	831.3799
877.4671	8	S 14	1574.7199	787.8639
934.4885	9	G 13	1487.6879	744.3479
1081.5570	10	F 12	1430.6664	715.8371
1168.5890	11	S 11	1283.5980	642.3029
1281.6731	12	L 10	1196.5660	598.7869
1410.7156	13	E 9	1083.4819	542.2449
1525.7426	14	D 8	954.4393	477.7236
1622.7954	15	P 7	839.4124	420.2101
1750.8539	16	Q 6	742.3596	371.6837
1851.9016	17	T 5	614.3010	307.6544
1988.9605	18	H 4	513.2534	257.1306
2075.9926	19	S 3	376.1945	188.6011
2190.0355	20	N 2	289.1624	145.0851
	21	R 1	175.1195	88.0637

N-term:+29.04

FFEGCPDKEPR, MH+ 1437.6836, m/z 479.8994
 L OS G27 P150811 220811-s1.02809.02809.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

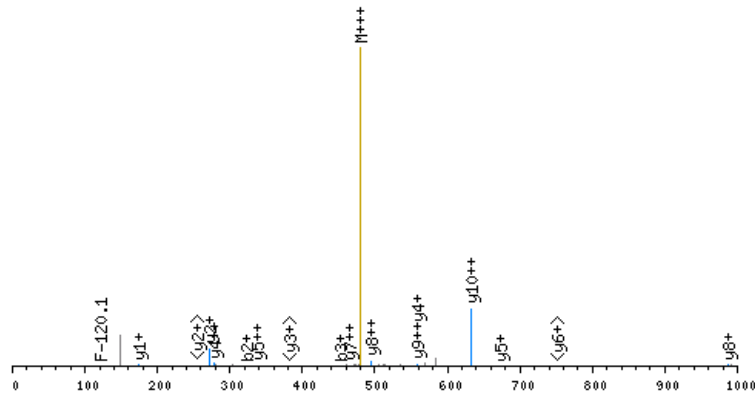
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

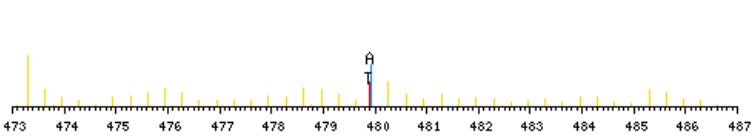
GO

scan 2809; 2.0e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2807; 479.9 mz; 5.2e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
176.1075	1	F	11		
323.1759	2	F	10	1262.5839	631.7959
452.2185	3	E	9	1115.5155	558.2617
509.2400	4	G	8	986.4729	493.7404
669.2706	5	C	7	929.4515	465.2296
766.3233	6	P	6	769.4209	385.2143
881.3503	7	D	5	672.3681	336.6880
1037.4766	8	K	4	557.3412	279.1745
1166.5192	9	E	3	401.2149	201.1113
1263.5719	10	P	2	272.1723	136.5900
	11	R	1	175.1195	88.0637

N-term: +29.04 C(5): +160.03
 K(8): +156.13

FGAPSASVAAAPAPAR, MH+ 1468.7912, m/z 490.2686
 L OS G24 P150811 220811-s1.03106.03106.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

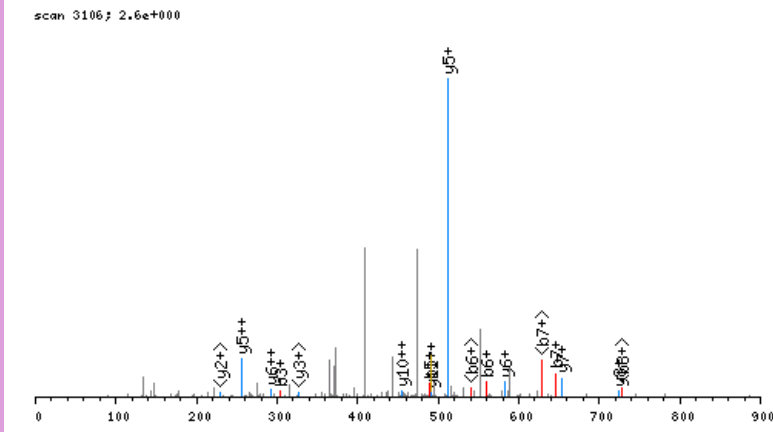
y + 2+ 3+

z + 2+ 3+

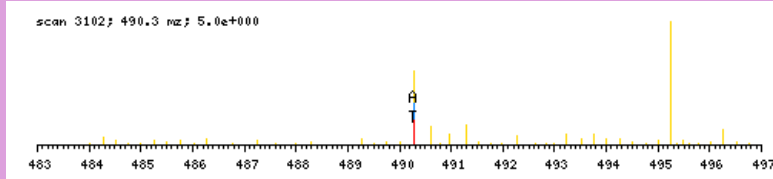
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
176.1075	1	F 16		
233.1290	2	G 15	1293.6915	647.3497
304.1661	3	A 14	1236.6701	618.8389
401.2189	4	P 13	1165.6329	583.3204
488.2509	5	S 12	1068.5802	534.7940
559.2880	6	A 11	981.5482	491.2780
646.3200	7	S 10	910.5110	455.7594
745.3884	8	V 9	823.4790	412.2434
816.4256	9	A 8	724.4106	362.7092
887.4627	10	A 7	653.3735	327.1907
958.4998	11	A 6	582.3364	291.6721
1055.5525	12	P 5	511.2993	256.1535
1126.5897	13	A 4	414.2465	207.6272
1223.6424	14	P 3	343.2094	172.1086
1294.6795	15	A 2	246.1566	123.5822
	16	R 1	175.1195	88.0637

N-term:+29.04

FGEDIDLPEFDAR, MH+ 1652.7808, m/z 551.5984
 L OS G25 P150811 220811-s1.07703.07703.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

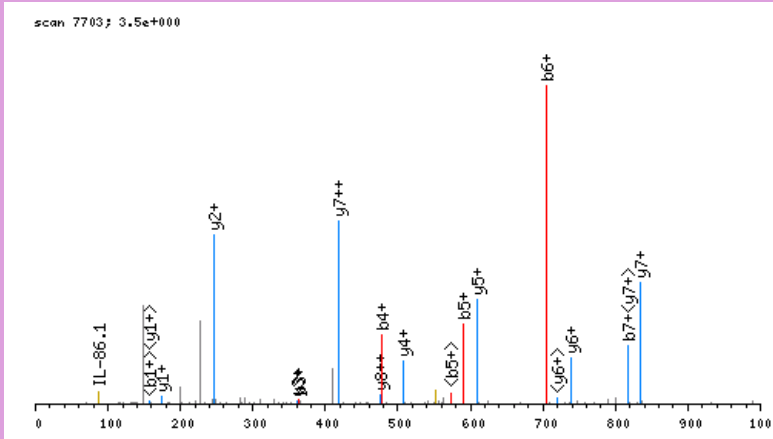
y + 2+ 3+

z + 2+ 3+

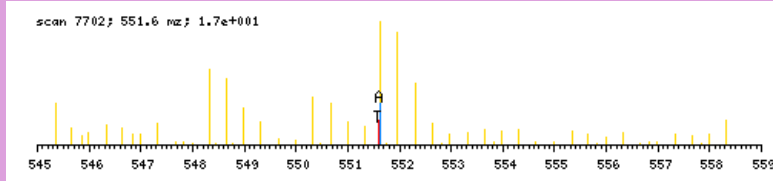
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
176.1075	1	F 14		
233.1290	2	G 13	1477.6811	739.3445
362.1716	3	E 12	1420.6596	710.8337
477.1985	4	D 11	1291.6170	646.3124
590.2826	5	I 10	1176.5901	588.7990
705.3095	6	D 9	1063.5060	532.2569
818.3936	7	L 8	948.4791	474.7434
915.4463	8	P 7	835.3950	418.2014
1044.4889	9	E 6	738.3422	369.6750
1145.5366	10	T 5	609.2997	305.1537
1292.6050	11	F 4	508.2520	254.6299
1407.6320	12	D 3	361.1836	181.0957
1478.6691	13	A 2	246.1566	123.5822
	14	R 1	175.1195	88.0637

N-term:+29.04

FGIVTSSAGTGTTEDETEAKKR, MH+ 2240.1775, m/z 560.7998
 L OS G28 P150811 220811-s1.03766.03766.4.dta

X-range:

0 - 0

MassTol: Y-zoom:

0. 1.

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

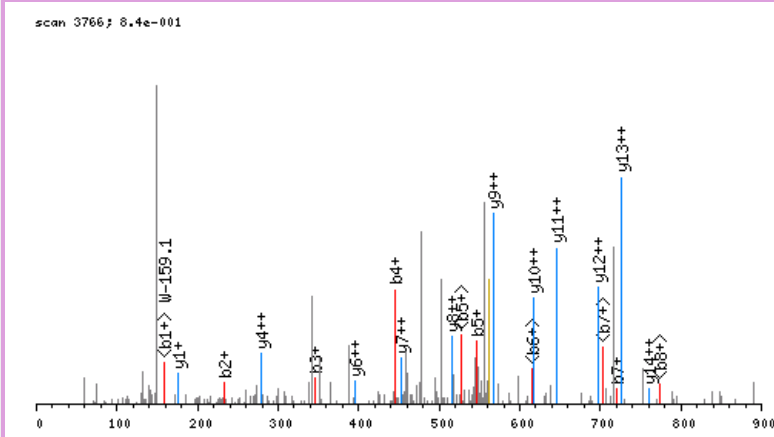
y + 2+ 3+

z + 2+ 3+

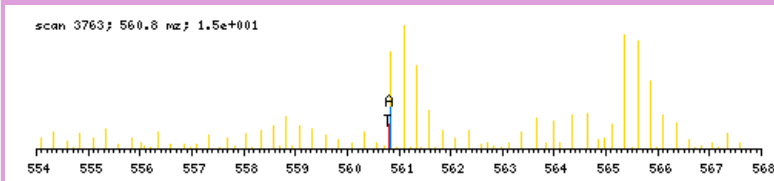
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



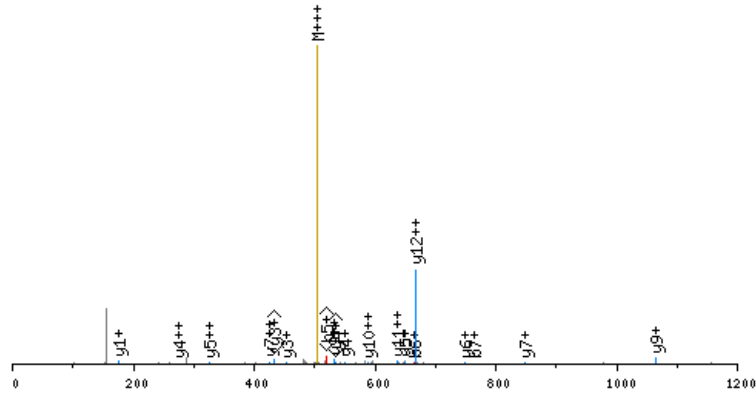
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
176.1075	1	F	21		
233.1290	2	G	20	2065.0778	1033.0428
346.2130	3	I	19	2008.0563	1004.5321
445.2815	4	V	18	1894.9722	947.9900
546.3291	5	T	17	1795.9038	898.4558
633.3612	6	S	16	1694.8562	847.9320
720.3932	7	S	15	1607.8241	804.4160
791.4303	8	A	14	1520.7921	760.9000
848.4518	9	G	13	1449.7550	725.3814
949.4994	10	T	12	1392.7335	696.8707
1006.5209	11	G	11	1291.6858	646.3468
1107.5686	12	T	10	1234.6644	617.8361
1208.6163	13	T	9	1133.6167	567.3123
1337.6589	14	E	8	1032.5690	516.7884
1452.6858	15	D	7	903.5264	452.2671
1553.7335	16	T	6	788.4995	394.7537
1682.7761	17	E	5	687.4518	344.2298
1753.8132	18	A	4	558.4092	279.7085
1909.9395	19	K	3	487.3721	244.1900
2066.0658	20	K	2	331.2458	166.1268
	21	R	1	175.1195	88.0637

N-term:+29.04 K(19):+156.13
 K(20):+156.13

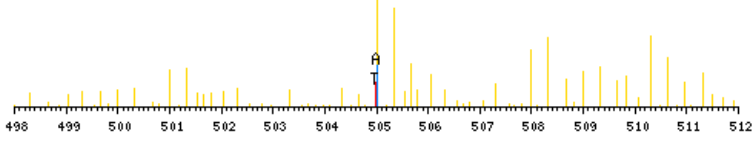
FGPISEVVVVKDR, MH+ 1512.9426, m/z 504.9857
 H OS G26 P150811 220811-s1.05071.05071.3.dta

scan 5071; 1.4e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5070; 505.0 m/z; 1.0e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
182.1393	1	F	13	
239.1608	2	G	12	1331.8111
336.2135	3	P	11	1274.7896
449.2976	4	I	10	1177.7369
536.3296	5	S	9	1064.6528
665.3722	6	E	8	977.6208
764.4406	7	V	7	848.5782
863.5091	8	V	6	749.5098
962.5775	9	V	5	650.4414
1061.6459	10	V	4	551.3730
1223.8040	11	K	3	452.3045
1338.8309	12	D	2	290.1464
	13	R	1	175.1195

N-term:+35.07 K(11):+162.16

FGPTGIGFGLTQQVEKK, MH+ 1948.0908, m/z 650.0351
 L OS G26 P150811 220811-s1.05973.05973.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

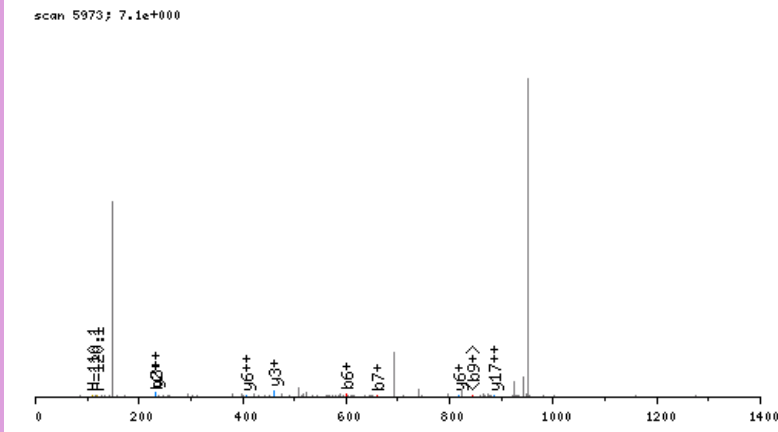
y + 2+ 3+

z + 2+ 3+

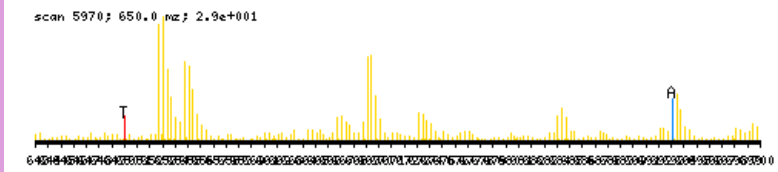
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



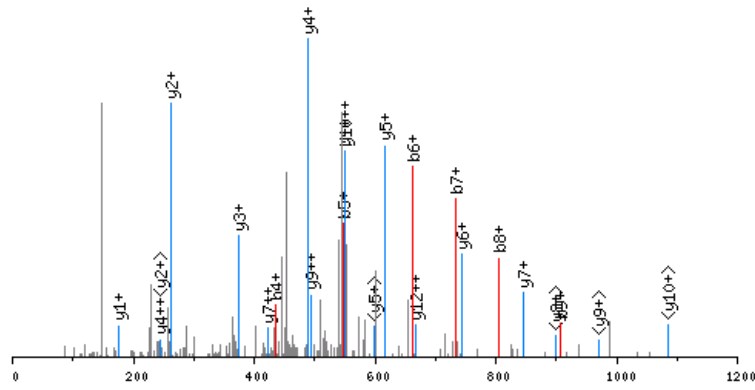
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
176.1075	1	F	18		
233.1290	2	G	17	1772.9911	886.9995
330.1817	3	P	16	1715.9697	858.4887
431.2294	4	T	15	1618.9169	809.9624
488.2509	5	G	14	1517.8692	759.4385
601.3349	6	I	13	1460.8478	730.9278
658.3564	7	G	12	1347.7637	674.3858
805.4248	8	F	11	1290.7422	645.8750
862.4463	9	G	10	1143.6738	572.3408
919.4678	10	G	9	1086.6524	543.8301
1032.5518	11	L	8	1029.6309	515.3194
1133.5995	12	T	7	916.5468	458.7773
1261.6581	13	Q	6	815.4992	408.2535
1389.7167	14	Q	5	687.4406	344.2242
1488.7851	15	V	4	559.3820	280.1949
1617.8277	16	E	3	460.3136	230.6607
1773.9540	17	K	2	331.2710	166.1394
	18	K	1	175.1447	88.0763

N-term:+29.04 K(17):+156.13
 K(18):+156.13

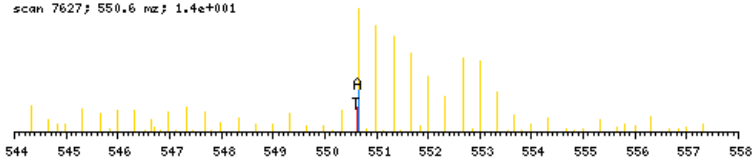
FGSLLDAATQQLLSR, MH+ 1649.8498, m/z 550.6215
 L OS G25 P150811 220811-s1.07628.07628.3.dta

scan 7628; 8.6e-001



click image to zoom in; click top corners to zoom out [precursor±]

scan 7627; 550.6 m/z; 1.4e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
176.1075	1	F 15		
233.1290	2	G 14	1474.7502	737.8790
320.1610	3	S 13	1417.7287	709.3683
435.1879	4	D 12	1330.6967	665.8522
548.2720	5	L 11	1215.6697	608.3388
663.2990	6	D 10	1102.5857	551.7967
734.3361	7	A 9	987.5587	494.2833
805.3732	8	A 8	916.5216	458.7647
906.4209	9	T 7	845.4845	423.2462
1034.4794	10	Q 6	744.4368	372.7223
1162.5380	11	Q 5	616.3782	308.6930
1275.6221	12	L 4	488.3197	244.6637
1388.7061	13	L 3	375.2356	188.1217
1475.7382	14	S 2	262.1515	131.5797
	15	R 1	175.1195	88.0637

N-term:+29.04

FHDFSSDLENVPHLR, MH+ 1840.8982, m/z 460.9800
 L OS G28 P150811 220811-s1.07385.07385.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

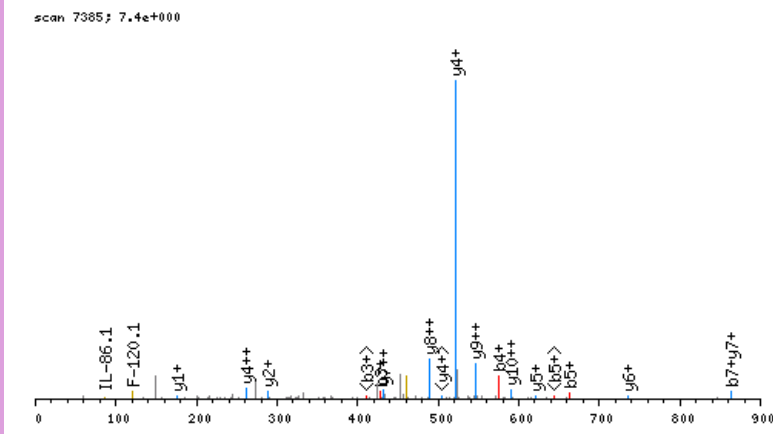
y + 2+ 3+

z + 2+ 3+

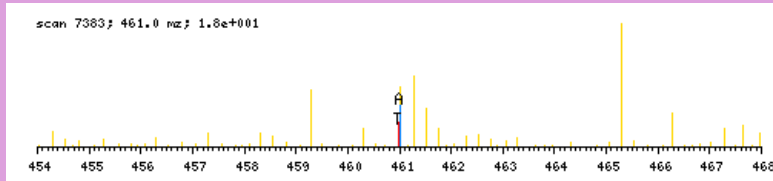
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
176.1075	1	F 15		
313.1664	2	H 14	1665.7985	833.4032
428.1934	3	D 13	1528.7396	764.8737
575.2618	4	F 12	1413.7127	707.3602
662.2938	5	S 11	1266.6442	633.8260
749.3258	6	S 10	1179.6122	590.3100
864.3528	7	D 9	1092.5802	546.7940
977.4368	8	L 8	977.5532	489.2805
1106.4794	9	E 7	864.4692	432.7385
1220.5224	10	N 6	735.4266	368.2172
1319.5908	11	V 5	621.3837	311.1957
1416.6435	12	P 4	522.3152	261.6615
1553.7025	13	H 3	425.2625	213.1352
1666.7865	14	L 2	288.2036	144.6057
	15	R 1	175.1195	88.0637

N-term:+29.04

FHMTKDMLPGSYPR, MH+ 1735.8664, m/z 434.7221
 L OS G28 P150811 220811-s1.05797.05797.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

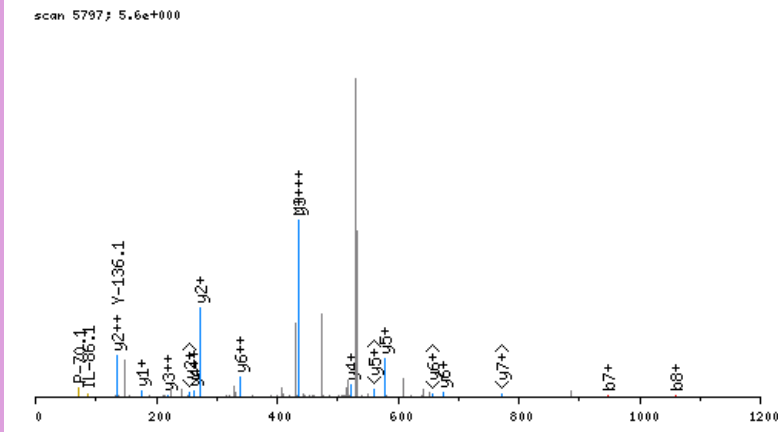
y + 2+ 3+

z + 2+ 3+

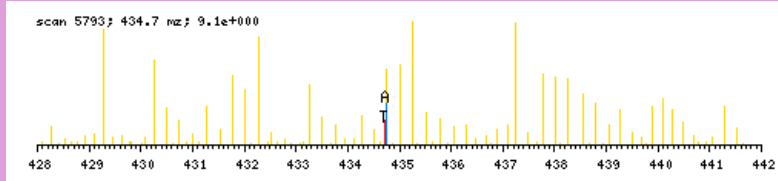
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
176.1075	1	F 14		
313.1664	2	H 13	1560.7667	780.8873
444.2069	3	M 12	1423.7078	712.3578
545.2546	4	T 11	1292.6673	646.8376
701.3809	5	K 10	1191.6196	596.3137
816.4078	6	D 9	1035.4933	518.2506
947.4483	7	M 8	920.4664	460.7371
1060.5324	8	L 7	789.4259	395.2169
1157.5851	9	P 6	676.3418	338.6748
1214.6066	10	G 5	579.2891	290.1485
1301.6386	11	S 4	522.2676	261.6377
1464.7020	12	Y 3	435.2356	218.1217
1561.7547	13	P 2	272.1723	136.5900
	14	R 1	175.1195	88.0637

N-term:+29.04 K(5):+156.13

FHPEQLITGKEDAANNYAR, MH+ 2230.1257, m/z 558.2869
 L OS G28 P150811 220811-s1.05947.05947.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

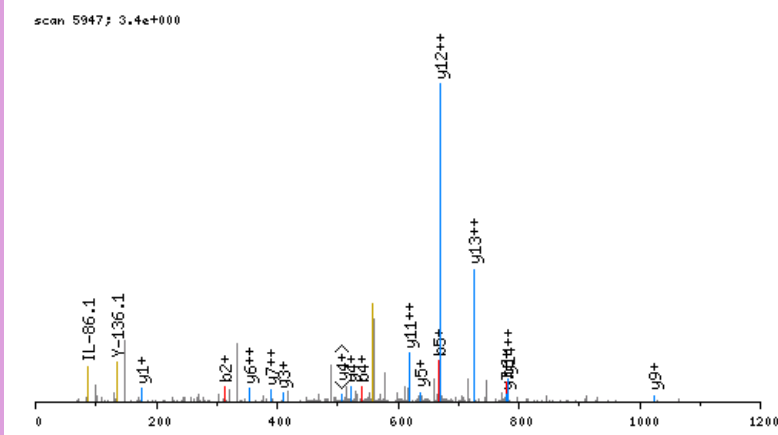
y + 2+ 3+

z + 2+ 3+

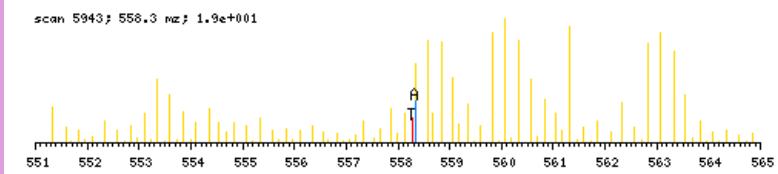
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
176.1075	1	F 19		
313.1664	2	H 18	2055.0260	1028.0169
410.2192	3	P 17	1917.9671	959.4874
539.2618	4	E 16	1820.9143	910.9611
667.3204	5	Q 15	1691.8717	846.4398
780.4044	6	L 14	1563.8131	782.4105
893.4885	7	I 13	1450.7291	725.8684
994.5362	8	T 12	1337.6450	669.3264
1051.5576	9	G 11	1236.5973	618.8026
1207.6839	10	K 10	1179.5759	590.2918
1336.7265	11	E 9	1023.4496	512.2287
1451.7535	12	D 8	894.4070	447.7074
1522.7906	13	A 7	779.3800	390.1939
1593.8277	14	A 6	708.3429	354.6754
1707.8706	15	N 5	637.3058	319.1568
1821.9135	16	N 4	523.2629	262.1353
1984.9769	17	Y 3	409.2199	205.1139
2056.0140	18	A 2	246.1566	123.5822
	19	R 1	175.1195	88.0637

N-term:+29.04 K(10):+156.13

FKEAFTVIDQNR, MH+ 1523.8222, m/z 508.6123
 L OS G27 P150811 220811-s1.05020.05020.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

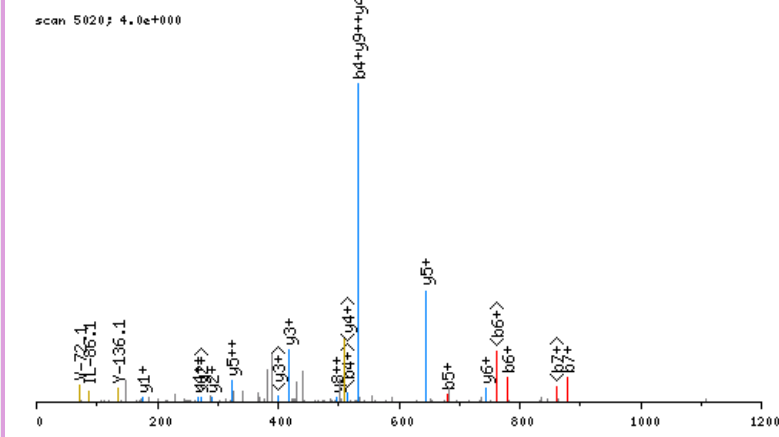
y + 2+ 3+

z + 2+ 3+

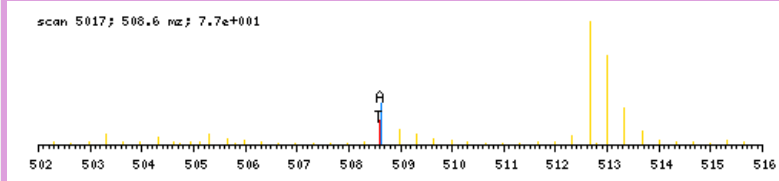
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
176.1075	1	F 12		
332.2338	2	K 11	1348.7225	674.8652
461.2764	3	E 10	1192.5962	596.8020
532.3135	4	A 9	1063.5536	532.2807
679.3819	5	F 8	992.5165	496.7622
780.4296	6	T 7	845.4481	423.2280
879.4980	7	V 6	744.4004	372.7041
992.5821	8	I 5	645.3320	323.1699
1107.6090	9	D 4	532.2479	266.6279
1235.6676	10	Q 3	417.2210	209.1144
1349.7105	11	N 2	289.1624	145.0851
	12	R 1	175.1195	88.0637

N-term:+29.04 K(2):+156.13

FKGFDLPEQEQLKDYR, MH+ 2257.1327, m/z 565.0386
 L OS G28 P150811 220811-s1.07150.07150.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

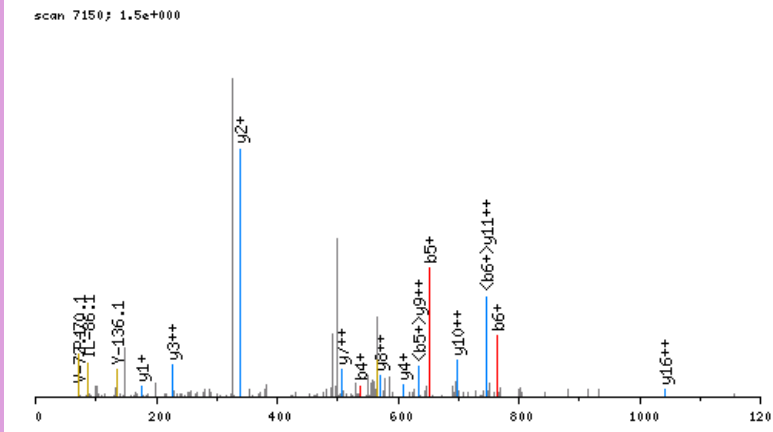
y + 2+ 3+

z + 2+ 3+

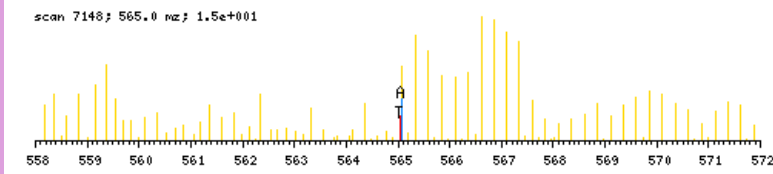
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



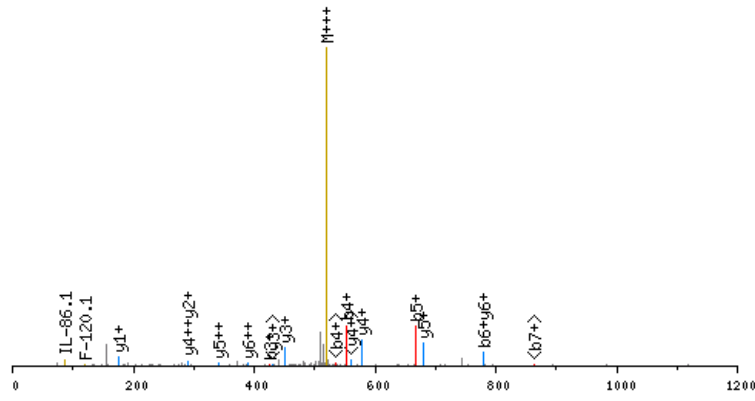
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
176.1075	1	F	17		
332.2338	2	K	16	2082.0330	1041.5204
389.2553	3	G	15	1925.9067	963.4573
536.3237	4	F	14	1868.8853	934.9465
651.3506	5	D	13	1721.8168	861.4123
764.4347	6	L	12	1606.7899	803.8989
861.4875	7	P	11	1493.7058	747.3568
990.5301	8	E	10	1396.6531	698.8305
1118.5886	9	Q	9	1267.6105	634.3092
1247.6312	10	E	8	1139.5519	570.2799
1375.6898	11	Q	7	1010.5093	505.7586
1535.7204	12	C	6	882.4507	441.7293
1648.8045	13	L	5	722.4201	361.7140
1804.9308	14	K	4	609.3361	305.1719
1919.9577	15	D	3	453.2098	227.1088
2083.0210	16	Y	2	338.1828	169.5953
	17	R	1	175.1195	88.0637

N-term:+29.04 K(2):+156.13
 C(12):+160.03 K(14):+156.13

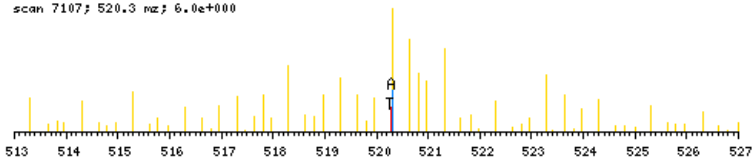
FLEELLTQCDR, MH+ 1558.7998, m/z 520.2715
 H OS G25 P150811 220811-s1.07111.07111.3.dta

scan 7111; 6.9e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 7107; 520.3 m/z; 6.0e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
182.1393	1	F 12		
295.2234	2	L 11	1377.6684	689.3381
424.2660	3	E 10	1264.5843	632.7961
553.3086	4	E 9	1135.5417	568.2748
666.3926	5	L 8	1006.4991	503.7535
779.4767	6	L 7	893.4150	447.2114
880.5244	7	T 6	780.3310	390.6694
981.5720	8	T 5	679.2833	340.1456
1109.6306	9	Q 4	578.2356	289.6217
1269.6612	10	C 3	450.1770	225.5924
1384.6882	11	D 2	290.1464	145.5771
	12	R 1	175.1195	88.0637

N-term:+35.07 C(10):+160.03

FLLEPGAETGLVSR, MH+ 1516.8375, m/z 506.2840
 L OS G25 P150811 220811-s1.07318.07318.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

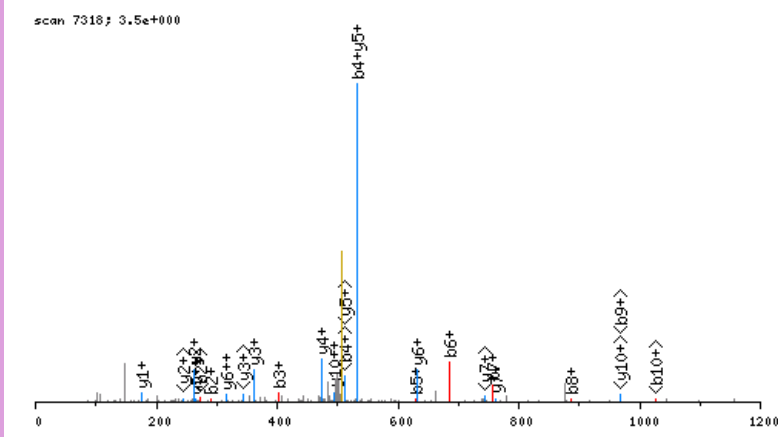
y + 2+ 3+

z + 2+ 3+

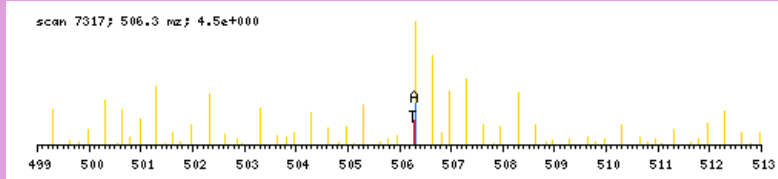
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
176.1075	1	F 14		
289.1916	2	L 13	1341.7378	671.3728
402.2756	3	L 12	1228.6537	614.8308
531.3182	4	E 11	1115.5697	558.2888
628.3710	5	P 10	986.5271	493.7675
685.3925	6	G 9	889.4743	445.2411
756.4296	7	A 8	832.4529	416.7303
885.4722	8	E 7	761.4157	381.2118
986.5198	9	T 6	632.3731	316.6905
1043.5413	10	G 5	531.3255	266.1666
1156.6254	11	L 4	474.3040	237.6559
1255.6938	12	V 3	361.2199	181.1139
1342.7258	13	S 2	262.1515	131.5797
	14	R 1	175.1195	88.0637

N-term:+29.04

FNKPDIDAWELR, MH+ 1571.8858, m/z 524.6335
 H OS G27 P150811 220811-s1.06444.06444.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

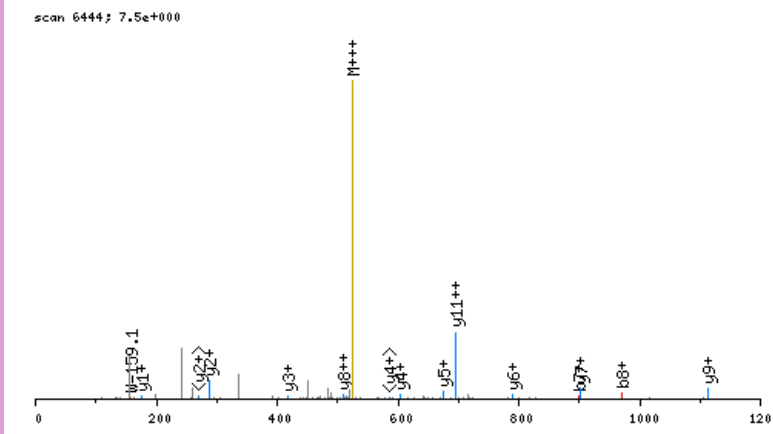
y + 2+ 3+

z + 2+ 3+

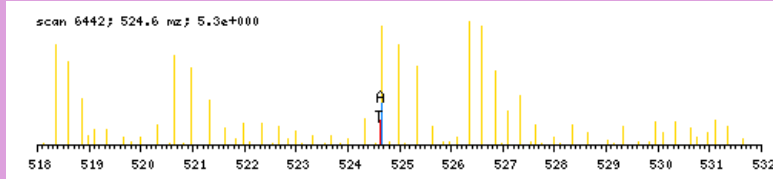
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
182.1393	1	F 12		
296.1822	2	N 11	1390.7543	695.8811
458.3403	3	K 10	1276.7114	638.8596
555.3931	4	P 9	1114.5533	557.7806
670.4200	5	D 8	1017.5005	509.2542
783.5041	6	I 7	902.4736	451.7407
898.5311	7	D 6	789.3895	395.1987
969.5682	8	A 5	674.3626	337.6852
1155.6475	9	W 4	603.3255	302.1666
1284.6901	10	E 3	417.2462	209.1270
1397.7741	11	L 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+35.07 K(3):+162.16

FPGSPGEKGEKGSAGTPGMPSGPR, MH+ 2523.2666, m/z 631.5721
 I_OS_G26_P150811_220811-s1.04227.04227.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

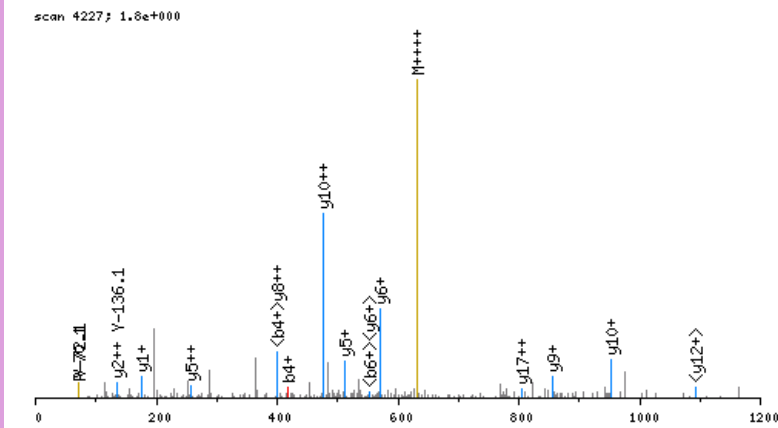
y + 2+ 3+

z + 2+ 3+

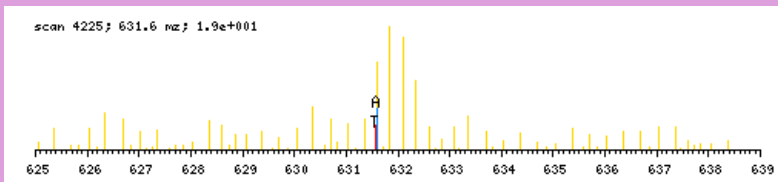
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
176.1075	1	F 26		
273.1603	2	P 25	2348.1669	1174.5874
330.1817	3	G 24	2251.1142	1126.0610
417.2138	4	S 23	2194.0927	1097.5503
514.2665	5	P 22	2107.0607	1054.0343
571.2880	6	G 21	2010.0079	1005.5079
700.3306	7	E 20	1952.9865	976.9971
856.4569	8	K 19	1823.9439	912.4758
913.4784	9	G 18	1667.8176	834.4127
1042.5209	10	E 17	1610.7961	805.9020
1198.6472	11	K 16	1481.7535	741.3807
1255.6687	12	G 15	1325.6272	663.3175
1342.7007	13	S 14	1268.6057	634.8068
1413.7379	14	A 13	1181.5737	591.2908
1470.7593	15	G 12	1110.5366	555.7722
1571.8070	16	T 11	1053.5151	527.2615
1668.8598	17	P 10	952.4675	476.7376
1725.8812	18	G 9	855.4147	428.2113
1856.9217	19	M 8	798.3932	399.7005
1953.9745	20	P 7	667.3527	334.1803
2010.9959	21	G 6	570.3000	285.6539
2098.0280	22	S 5	513.2785	257.1432
2195.0807	23	P 4	426.2465	213.6272
2252.1022	24	G 3	329.1937	165.1008
2349.1550	25	P 2	272.1723	136.5900
	26	R 1	175.1195	88.0637

N-term:+29.04 K(8):+156.13
 K(11):+156.13

FQGEETENEENLSSEKAGLDKR, MH+ 2594.2586, m/z 649.3201
 L OS G28 P150811 220811-s1.04122.04122.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

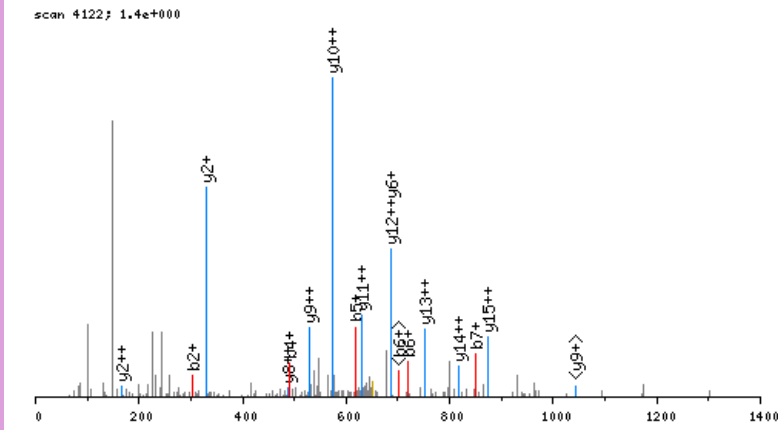
y + 2+ 3+

z + 2+ 3+

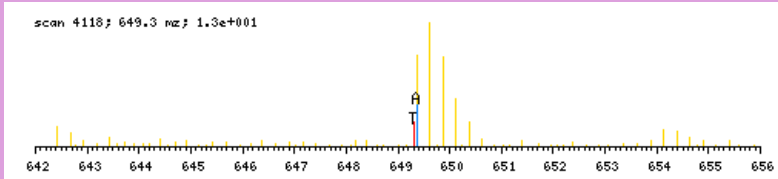
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
176.1075	1	F	22		
304.1661	2	Q	21	2419.1589	1210.0834
361.1876	3	G	20	2291.1004	1146.0541
490.2301	4	E	19	2234.0789	1117.5434
619.2727	5	E	18	2105.0363	1053.0221
720.3204	6	T	17	1975.9937	988.5008
849.3630	7	E	16	1874.9460	937.9769
963.4059	8	N	15	1745.9034	873.4556
1092.4485	9	E	14	1631.8605	816.4342
1221.4911	10	E	13	1502.8179	751.9129
1335.5341	11	N	12	1373.7753	687.3916
1448.6181	12	L	11	1259.7324	630.3701
1535.6501	13	S	10	1146.6483	573.8281
1622.6822	14	S	9	1059.6163	530.3121
1751.7248	15	E	8	972.5843	486.7961
1907.8511	16	K	7	843.5417	422.2748
1978.8882	17	A	6	687.4154	344.2116
2035.9096	18	G	5	616.3783	308.6930
2148.9937	19	L	4	559.3568	280.1823
2264.0207	20	D	3	446.2727	223.6403
2420.1470	21	K	2	331.2458	166.1268
	22	R	1	175.1195	88.0637

N-term: +29.04 K(16): +156.13
 K(21): +156.13

FSEGGAVGAHR, MH+ 1186.5969, m/z 396.2038
 L OS G27 P150811 220811-s1.02130.02130.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

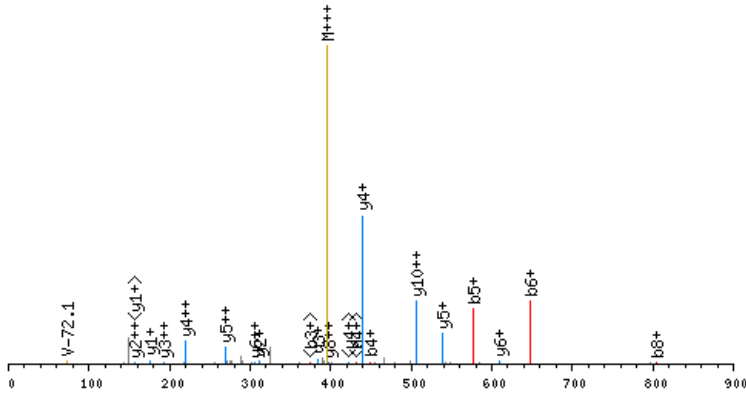
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

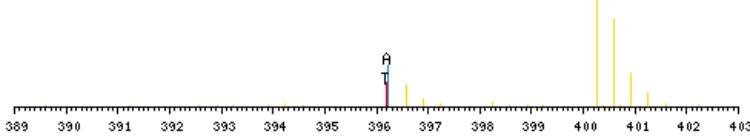
GO

scan 2130; 7.1e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2127; 396.2 m/z; 2.6e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
176.1075	1	F 11		
263.1395	2	S 10	1011.4972	506.2525
392.1821	3	E 9	924.4652	462.7365
449.2036	4	G 8	795.4226	398.2152
577.2622	5	Q 7	738.4011	369.7045
648.2993	6	A 6	610.3425	305.6752
747.3677	7	V 5	539.3054	270.1566
804.3892	8	G 4	440.2370	220.6224
875.4263	9	A 3	383.2155	192.1117
1012.4852	10	H 2	312.1784	156.5931
	11	R 1	175.1195	88.0637

N-term:+29.04

FSLGFDEPAEQPVR, MH+ 1619.8069, m/z 540.6072
 L OS G25 P150811 220811-s1.07165.07165.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

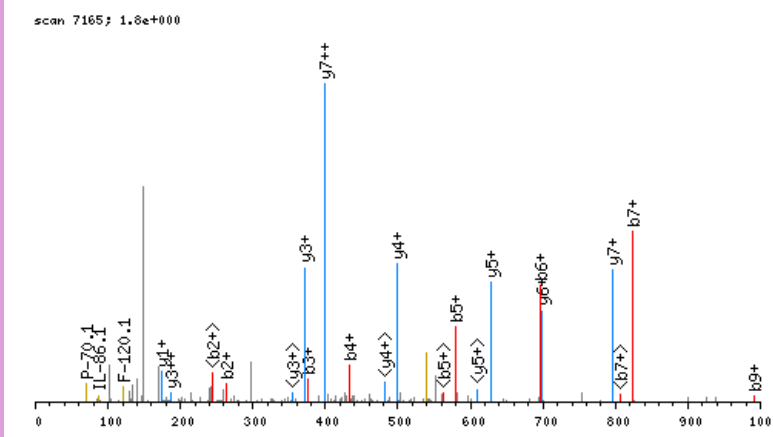
y + 2+ 3+

z + 2+ 3+

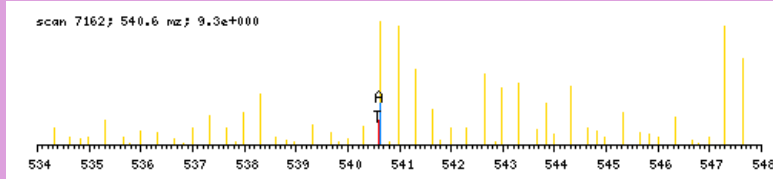
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
176.1075	1	F 14		
263.1395	2	S 13	1444.7072	722.8575
376.2236	3	L 12	1357.6752	679.3415
433.2451	4	G 11	1244.5911	622.7995
580.3135	5	F 10	1187.5697	594.2888
695.3404	6	D 9	1040.5013	520.7545
824.3830	7	E 8	925.4743	463.2411
921.4358	8	P 7	796.4317	398.7198
992.4729	9	A 6	699.3790	350.1934
1121.5155	10	E 5	628.3418	314.6748
1249.5741	11	Q 4	499.2993	250.1535
1346.6268	12	P 3	371.2407	186.1243
1445.6952	13	V 2	274.1879	137.5979
	14	R 1	175.1195	88.0637

N-term:+29.04

FSPEKSQLPGIVAGGR, MH+ 1698.9543, m/z 566.9896
 L OS G26 P150811 220811-s1.04297.04297.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

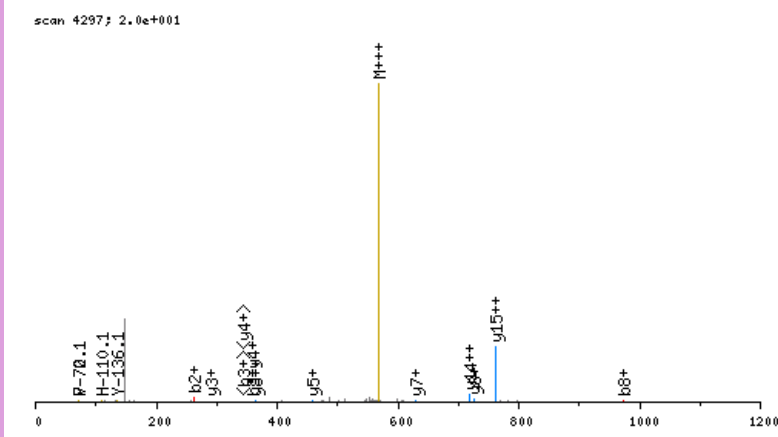
y + 2+ 3+

z + 2+ 3+

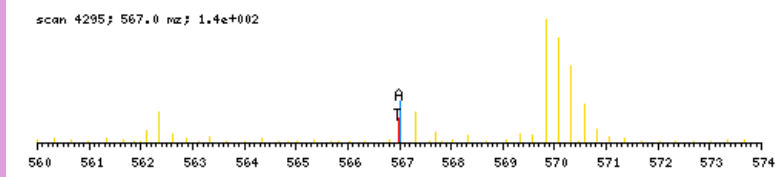
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
176.1075	1	F 16		
263.1395	2	S 15	1523.8546	762.4312
360.1923	3	P 14	1436.8226	718.9152
489.2349	4	E 13	1339.7698	670.3888
645.3612	5	K 12	1210.7272	605.8675
732.3932	6	S 11	1054.6009	527.8044
860.4518	7	Q 10	967.5689	484.2884
973.5359	8	L 9	839.5103	420.2591
1070.5886	9	P 8	726.4262	363.7170
1127.6101	10	G 7	629.3735	315.1907
1240.6942	11	I 6	572.3520	286.6799
1339.7626	12	V 5	459.2680	230.1379
1410.7997	13	A 4	360.1995	180.6037
1467.8212	14	G 3	289.1624	145.0851
1524.8426	15	G 2	232.1410	116.5744
	16	R 1	175.1195	88.0637

N-term:+29.04 K(5):+156.13

FTELNQNQVQKVDQYLYHMR, MH+ 2610.3139, m/z 653.3339
 L OS G28 P150811 220811-s1.08109.08109.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

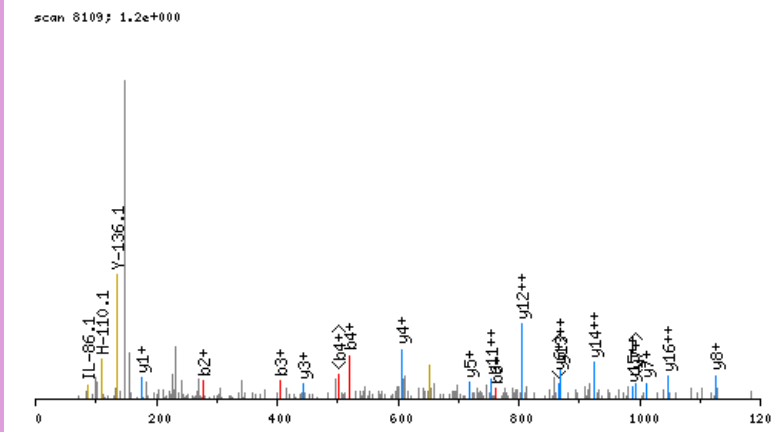
y + 2+ 3+

z + 2+ 3+

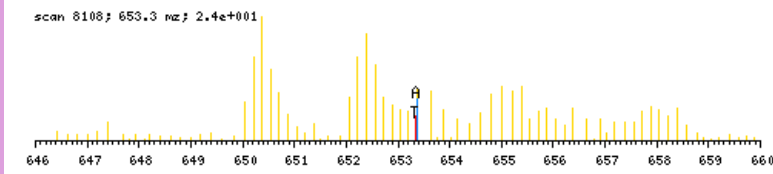
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
176.1075	1	F	20		
277.1552	2	T	19	2435.2142	1218.1110
406.1978	3	E	18	2334.1665	1167.5872
519.2818	4	L	17	2205.1239	1103.0659
633.3248	5	N	16	2092.0399	1046.5238
761.3834	6	Q	15	1977.9969	989.5024
875.4263	7	N	14	1849.9383	925.4731
1003.4849	8	Q	13	1735.8954	868.4516
1102.5533	9	V	12	1607.8368	804.4223
1230.6119	10	Q	11	1508.7684	754.8881
1386.7382	11	K	10	1380.7099	690.8588
1485.8066	12	V	9	1224.5836	612.7957
1600.8335	13	D	8	1125.5151	563.2615
1728.8921	14	Q	7	1010.4882	505.7480
1891.9554	15	Y	6	882.4296	441.7187
2005.0395	16	L	5	719.3663	360.1871
2168.1028	17	Y	4	606.2822	303.6450
2305.1617	18	H	3	443.2189	222.1134
2436.2022	19	M	2	306.1600	153.5839
	20	R	1	175.1195	88.0637

N-term:+29.04 K(11):+156.13

FTKNQKDPGVLDLR, MH+ 1619.9970, m/z 405.7547
 H OS G28 P150811 220811-s1.02469.02469.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

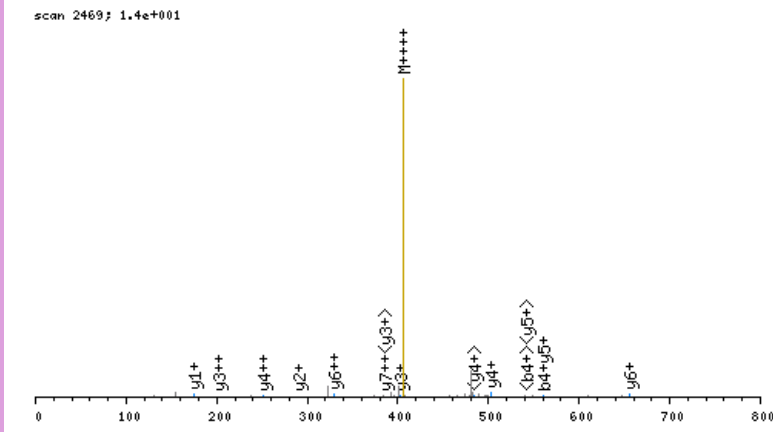
y + 2+ 3+

z + 2+ 3+

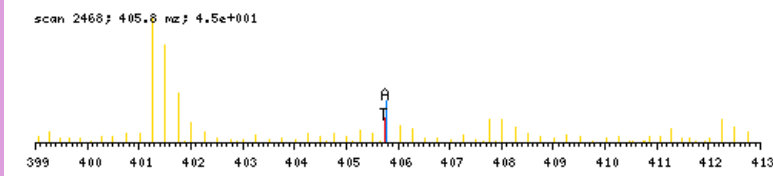
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
182.1393	1	F	13		
283.1870	2	T	12	1438.8655	719.9367
445.3451	3	K	11	1337.8178	669.4128
559.3880	4	N	10	1175.6597	588.3338
687.4466	5	Q	9	1061.6168	531.3123
849.6047	6	K	8	933.5582	467.2830
964.6316	7	D	7	771.4001	386.2040
1061.6844	8	P	6	656.3731	328.6905
1118.7059	9	G	5	559.3204	280.1641
1217.7743	10	V	4	502.2989	251.6534
1330.8583	11	L	3	403.2305	202.1192
1445.8853	12	D	2	290.1464	145.5771
	13	R	1	175.1195	88.0637

N-term:+35.07 K(3):+162.16
 K(6):+162.16

FVAPEVLKR, MH+ 1114.6989, m/z 372.2378
 L OS G27 P150811 220811-s1.04381.04381.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

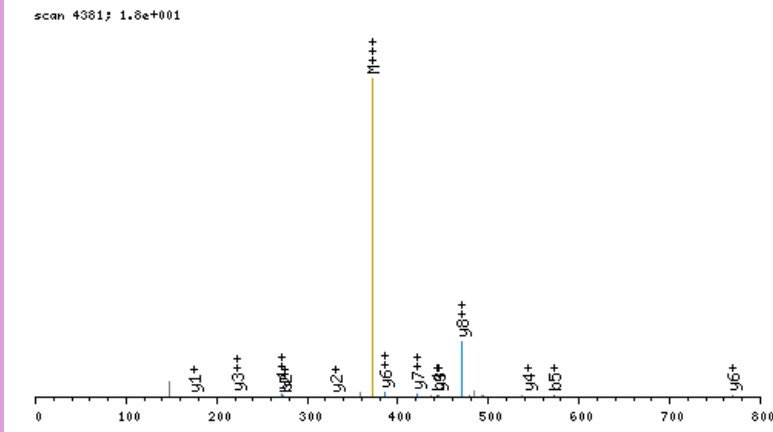
y + 2+ 3+

z + 2+ 3+

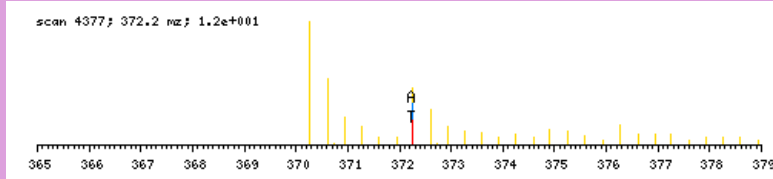
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
176.1075	1	F	9	
275.1759	2	V	8	939.5992
346.2130	3	A	7	840.5307
443.2658	4	P	6	769.4936
572.3084	5	E	5	672.4409
671.3768	6	V	4	543.3983
784.4609	7	L	3	444.3299
940.5872	8	K	2	331.2458
	9	R	1	175.1195

N-term: +29.04 K(8): +156.13

FVEDLNESFKDNR, MH+ 1668.8233, m/z 556.9460
 L OS G27 P150811 220811-s1.04723.04723.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

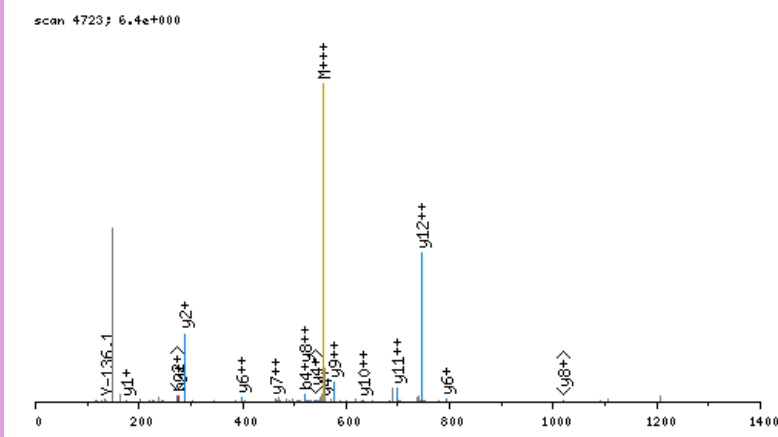
y + 2+ 3+

z + 2+ 3+

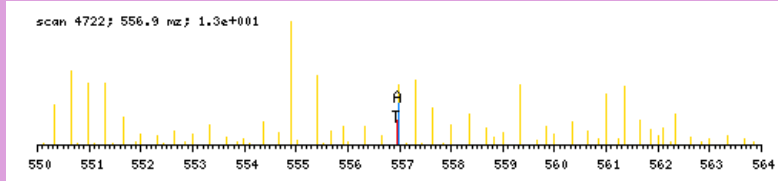
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
176.1075	1	F 13		
275.1759	2	V 12	1493.7236	747.3657
404.2185	3	E 11	1394.6552	697.8315
519.2455	4	D 10	1265.6126	633.3102
632.3295	5	L 9	1150.5857	575.7968
746.3725	6	N 8	1037.5016	519.2547
875.4150	7	E 7	923.4587	462.2333
962.4471	8	S 6	794.4161	397.7120
1109.5155	9	F 5	707.3841	354.1960
1265.6418	10	K 4	560.3157	280.6617
1380.6687	11	D 3	404.1894	202.5986
1494.7117	12	N 2	289.1624	145.0851
	13	R 1	175.1195	88.0637

N-term:+29.04 K(10):+156.13

FVEWIPNNVKTAVCDIPPR, MH+ 2311.2272, m/z 578.5623
 L OS G26 P150811 220811-s1.06594.06594.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

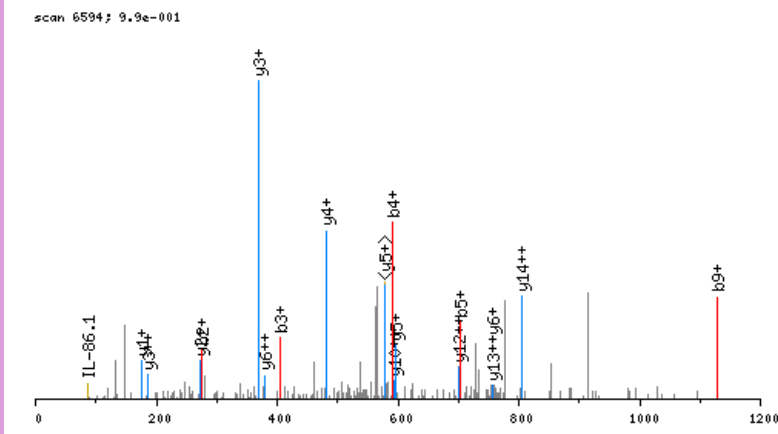
y + 2+ 3+

z + 2+ 3+

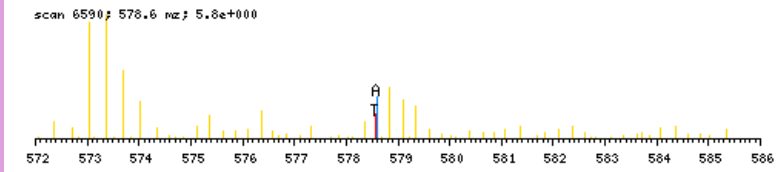
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
176.1075	1	F 19		
275.1759	2	V 18	2136.1276	1068.5677
404.2185	3	E 17	2037.0591	1019.0335
590.2978	4	W 16	1908.0166	954.5122
703.3819	5	I 15	1721.9372	861.4725
800.4347	6	P 14	1608.8532	804.9305
914.4776	7	N 13	1511.8004	756.4041
1028.5205	8	N 12	1397.7575	699.3827
1127.5889	9	V 11	1283.7146	642.3612
1283.7152	10	K 10	1184.6461	592.8270
1384.7629	11	T 9	1028.5198	514.7638
1455.8000	12	A 8	927.4722	464.2400
1554.8684	13	V 7	856.4350	428.7214
1714.8990	14	C 6	757.3666	379.1872
1829.9260	15	D 5	597.3360	299.1719
1943.0100	16	I 4	482.3091	241.6585
2040.0628	17	P 3	369.2250	185.1164
2137.1156	18	P 2	272.1723	136.5900
	19	R 1	175.1195	88.0637

N-term: +29.04 K(10): +156.13
 C(14): +160.03

FVLDEADEMLSR, MH+ 1452.7044, m/z 726.8559
 L OS G25 P150811 220811-s1.07533.07533.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

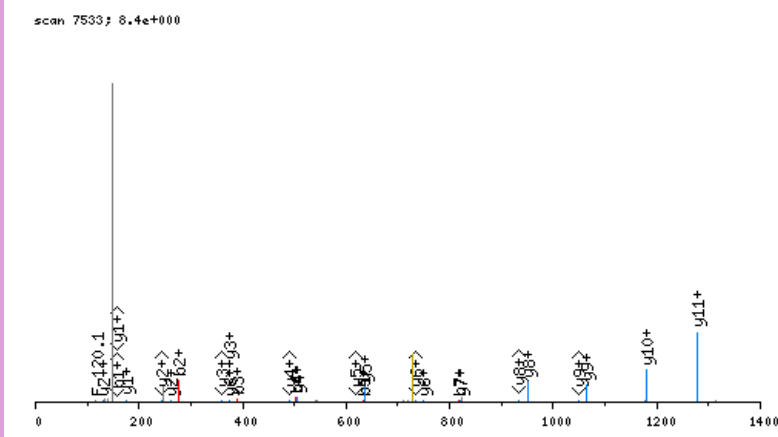
y + 2+ 3+

z + 2+ 3+

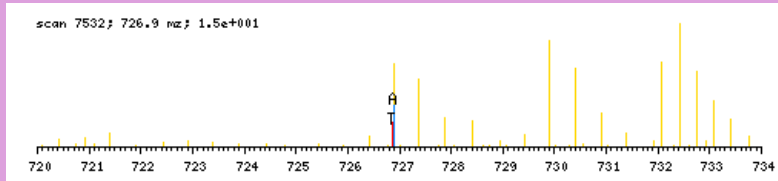
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
176.1075	1	F 12		
275.1759	2	V 11	1277.6047	639.3063
388.2600	3	L 10	1178.5363	589.7721
503.2869	4	D 9	1065.4523	533.2300
632.3295	5	E 8	950.4253	475.7166
703.3666	6	A 7	821.3827	411.1953
818.3936	7	D 6	750.3456	375.6767
947.4362	8	E 5	635.3187	318.1632
1078.4767	9	M 4	506.2761	253.6420
1191.5607	10	L 3	375.2356	188.1217
1278.5928	11	S 2	262.1515	131.5797
	12	R 1	175.1195	88.0637

N-term:+29.04

FVPLNTNPKEVQEMR, MH+ 1870.0533, m/z 624.0226
 H OS G26 P150811 220811-s1.04116.04116.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

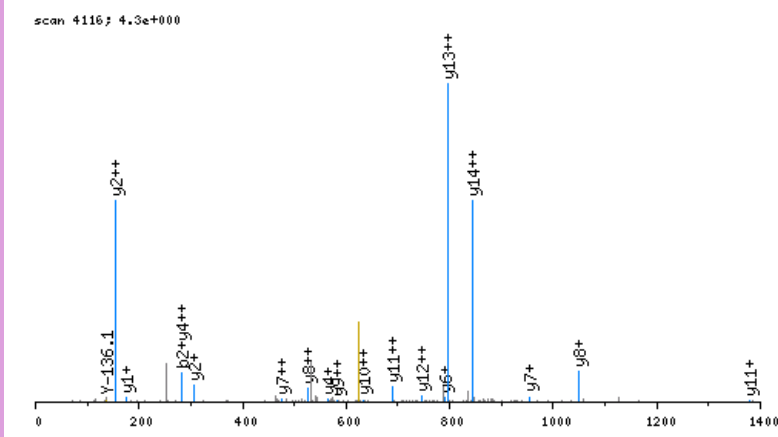
y + 2+ 3+

z + 2+ 3+

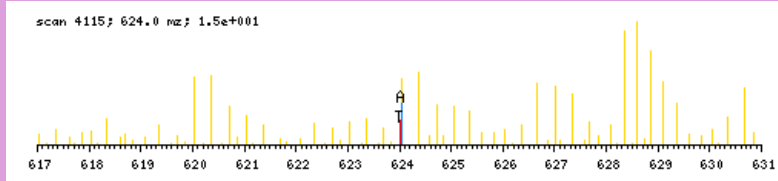
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



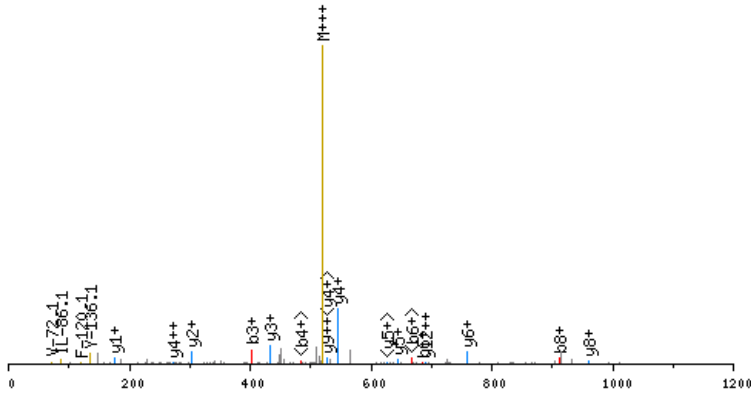
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
182.1393	1	F 15		
281.2077	2	V 14	1688.9218	844.9648
378.2605	3	P 13	1589.8534	795.4306
491.3446	4	L 12	1492.8006	746.9042
605.3875	5	N 11	1379.7166	690.3622
706.4352	6	T 10	1265.6736	633.3407
820.4781	7	N 9	1164.6260	582.8169
917.5309	8	P 8	1050.5830	525.7954
1079.6890	9	K 7	953.5303	477.2690
1208.7315	10	E 6	791.3722	396.1900
1307.8000	11	V 5	662.3296	331.6687
1435.8585	12	Q 4	563.2612	282.1345
1564.9011	13	E 3	435.2026	218.1052
1695.9416	14	M 2	306.1600	153.5839
	15	R 1	175.1195	88.0637

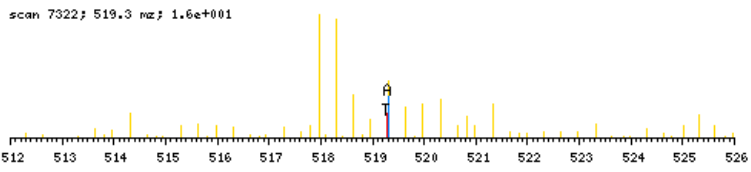
N-term:+35.07 K(9):+162.16

FVQPPSLDVLEQR, MH+ 1555.8484, m/z 519.2876
 L OS G25 P150811 220811-s1.07325.07325.3.dta

scan 7325; 7.7e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
176.1075	1	F 13		
275.1759	2	V 12	1380.7487	690.8783
403.2345	3	Q 11	1281.6803	641.3441
500.2873	4	P 10	1153.6217	577.3148
597.3400	5	P 9	1056.5689	528.7884
684.3721	6	S 8	959.5162	480.2620
797.4561	7	L 7	872.4842	436.7460
912.4831	8	D 6	759.4001	380.2040
1011.5515	9	V 5	644.3731	322.6905
1124.6355	10	L 4	545.3047	273.1563
1253.6781	11	E 3	432.2207	216.6142
1381.7367	12	Q 2	303.1781	152.0930
	13	R 1	175.1195	88.0637

N-term:+29.04

GAAQNIIPASTGAAKAVGK, MH+ 1809.0599, m/z 603.6915
 L OS G26 P150811 220811-s1.03404.03404.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

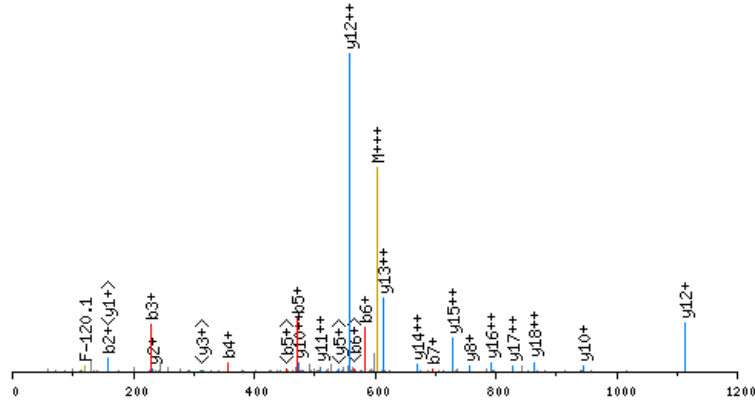
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

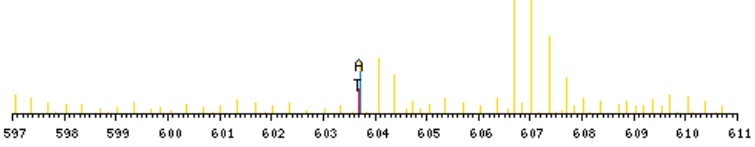
GO

scan 3404; 4.6e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 3400; 603.7 mz; 2.0e+001



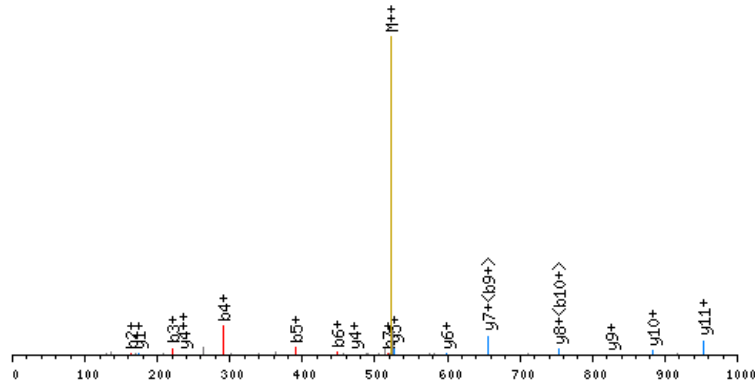
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 19		
157.0977	2	A 18	1724.0071	862.5075
228.1348	3	A 17	1652.9700	826.9889
356.1934	4	Q 16	1581.9329	791.4704
470.2363	5	N 15	1453.8743	727.4411
583.3204	6	I 14	1339.8314	670.4196
696.4044	7	I 13	1226.7473	613.8776
793.4572	8	P 12	1113.6633	557.3355
864.4943	9	A 11	1016.6105	508.8092
951.5263	10	S 10	945.5734	473.2906
1052.5740	11	T 9	858.5414	429.7746
1109.5955	12	G 8	757.4937	379.2507
1180.6326	13	A 7	700.4722	350.7400
1251.6697	14	A 6	629.4351	315.2215
1407.7960	15	K 5	558.3980	279.7029
1478.8331	16	A 4	402.2717	201.6398
1577.9015	17	V 3	331.2346	166.1212
1634.9230	18	G 2	232.1662	116.5870
	19	K 1	175.1447	88.0763

N-term:+29.04 K(15):+156.13
 K(19):+156.13

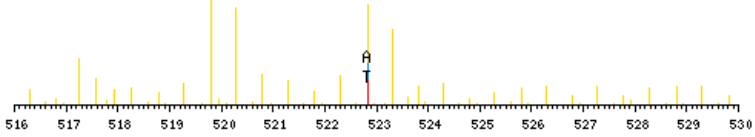
GAGAVGAGPVVR, MH+ 1044.6378, m/z 522.8225
 H OS G25 P150811 220811-s1.02533.02533.2.dta

scan 2533; 1.4e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2532; 522.8 m/z; 2.1e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
92.0924	1	G	12		
163.1295	2	A	11	953.5532	477.2805
220.1509	3	G	10	882.5161	441.7620
291.1881	4	A	9	825.4947	413.2512
390.2565	5	V	8	754.4575	377.7327
447.2779	6	G	7	655.3891	328.1985
518.3150	7	A	6	598.3677	299.6877
575.3365	8	G	5	527.3306	264.1692
672.3893	9	P	4	470.3091	235.6585
771.4577	10	V	3	373.2563	187.1321
870.5261	11	V	2	274.1879	137.5979
	12	R	1	175.1195	88.0637

N-term: +35.07

GAGGKAGKGGPTPQEAIQR, MH+ 1921.0620, m/z 481.0210
 L OS G28 P150811 220811-s1.01970.01970.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

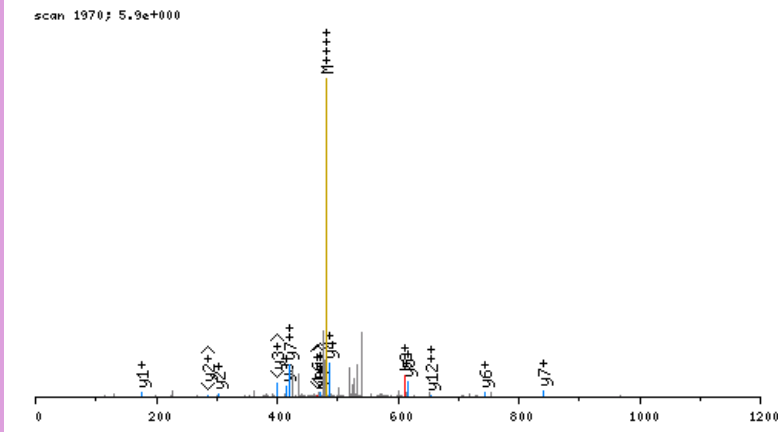
y + 2+ 3+

z + 2+ 3+

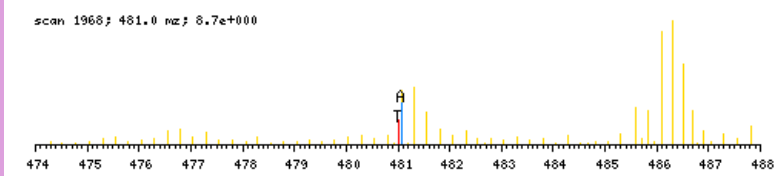
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
86.0606	1	G	20		
157.0977	2	A	19	1836.0092	918.5085
214.1191	3	G	18	1764.9721	882.9900
271.1406	4	G	17	1707.9507	854.4792
328.1621	5	G	16	1650.9292	825.9685
484.2884	6	K	15	1593.9077	797.4578
555.3255	7	A	14	1437.7814	719.3946
612.3469	8	G	13	1366.7443	683.8761
768.4732	9	K	12	1309.7229	655.3653
825.4947	10	G	11	1153.5966	577.3022
882.5162	11	G	10	1096.5751	548.7915
979.5689	12	P	9	1039.5536	520.2807
1080.6166	13	T	8	942.5009	471.7543
1177.6694	14	P	7	841.4532	421.2305
1305.7280	15	Q	6	744.4004	372.7041
1434.7706	16	E	5	616.3418	308.6748
1505.8077	17	A	4	487.2993	244.1535
1618.8917	18	I	3	416.2621	208.6350
1746.9503	19	Q	2	303.1781	152.0930
	20	R	1	175.1195	88.0637

N-term:+29.04 K(6):+156.13
 K(9):+156.13

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

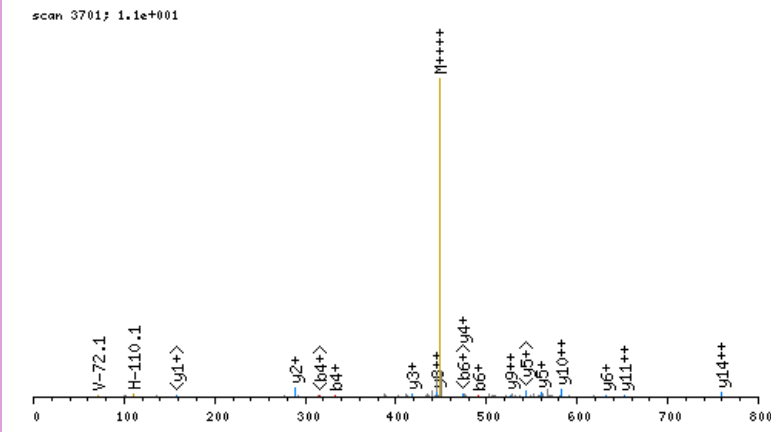
y + 2+ 3+

z + 2+ 3+

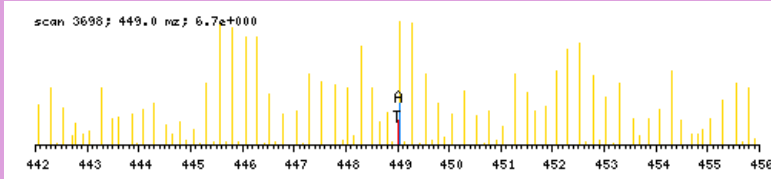
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



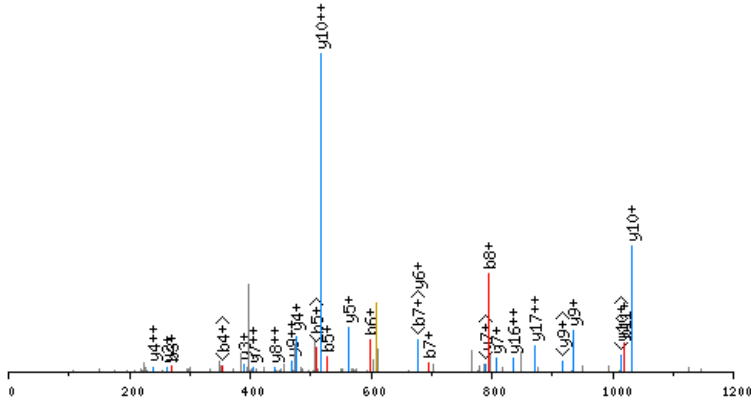
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 17		
163.1295	2	A 16	1701.9348	851.4713
276.2135	3	I 15	1630.8977	815.9528
333.2350	4	G 14	1517.8136	759.4107
420.2670	5	S 13	1460.7922	730.9000
491.3041	6	A 12	1373.7601	687.3840
628.3631	7	H 11	1302.7230	651.8654
741.4471	8	L 10	1165.6641	583.3360
903.6052	9	K 9	1052.5801	526.7939
1032.6478	10	E 8	890.4220	445.7149
1161.6904	11	E 7	761.3794	381.1936
1232.7275	12	A 6	632.3368	316.6723
1319.7596	13	S 5	561.2997	281.1537
1376.7810	14	G 4	474.2676	237.6377
1505.8236	15	E 3	417.2462	209.1270
1618.9077	16	L 2	288.2036	144.6057
	17	R 1	175.1195	88.0637

N-term:+35.07 K(9):+162.16

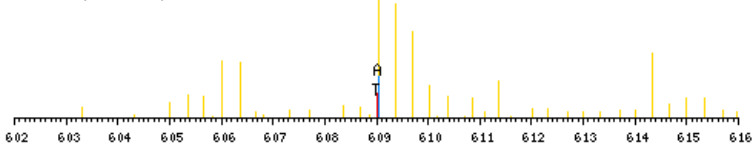
GALTKAPVPGAQNSSQSR, MH+ 1824.9932, m/z 609.0026
 L OS G26 P150811 220811-s1.02334.02334.3.dta

scan 2334; 1.8e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 2330; 609.0 m/z; 1.2e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
86.0606	1	G	18		
157.0977	2	A	17	1739.9405	870.4741
270.1817	3	L	16	1668.9033	834.9556
371.2294	4	T	15	1555.8193	778.4136
527.3557	5	K	14	1454.7716	727.8897
598.3928	6	A	13	1298.6453	649.8266
695.4456	7	P	12	1227.6082	614.3080
794.5140	8	V	11	1130.5554	565.7816
891.5668	9	P	10	1031.4870	516.2474
948.5882	10	G	9	934.4342	467.7210
1019.6254	11	A	8	877.4128	439.2103
1147.6839	12	Q	7	806.3757	403.6917
1261.7269	13	N	6	678.3171	339.6625
1348.7589	14	S	5	564.2742	282.6410
1435.7909	15	S	4	477.2421	239.1250
1563.8495	16	Q	3	390.2101	195.6090
1650.8815	17	S	2	262.1515	131.5797
	18	R	1	175.1195	88.0637

N-term:+29.04 K(5):+156.13

GANLPCPGKVGSAALR, MH+ 1623.9004, m/z 541.9717
 L OS G26 P150811 220811-s1.03373.03373.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

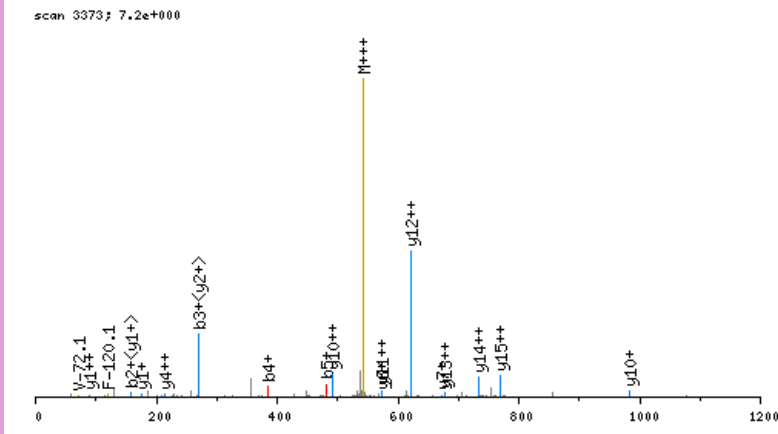
y + 2+ 3+

z + 2+ 3+

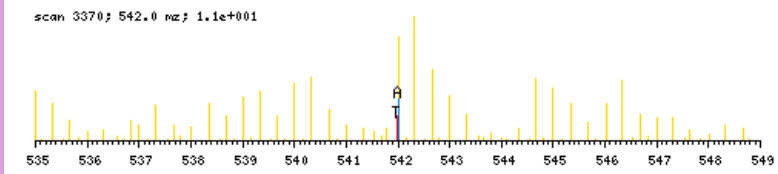
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G	16	
157.0977	2	A	15	1538.8477
271.1406	3	N	14	1467.8106
384.2247	4	L	13	1353.7677
481.2774	5	P	12	1240.6836
641.3080	6	C	11	1143.6308
738.3608	7	P	10	983.6002
795.3823	8	G	9	886.5475
951.5086	9	K	8	829.5260
1050.5770	10	V	7	673.3997
1107.5984	11	G	6	574.3313
1194.6305	12	S	5	517.3098
1265.6676	13	A	4	430.2778
1336.7047	14	A	3	359.2407
1449.7888	15	L	2	288.2036
	16	R	1	175.1195

N-term:+29.04 C(6):+160.03
 K(9):+156.13

GAPQGS LG EYL FER, MH+ 1557.8125, m/z 519.9424
 H OS G25 P150811 220811-s1.07276.07276.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

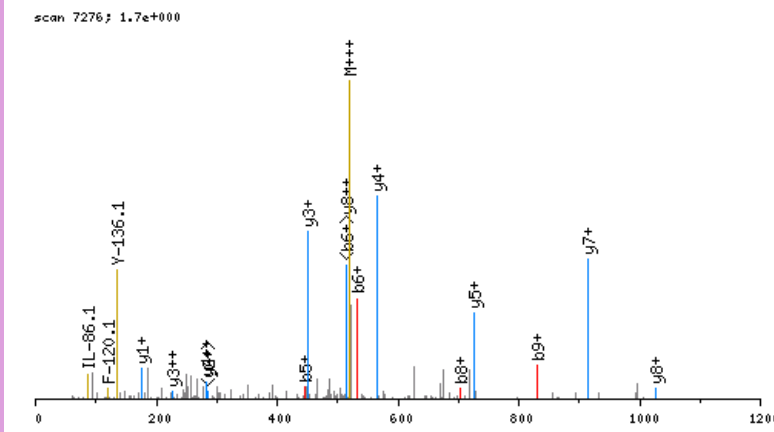
y + 2+ 3+

z + 2+ 3+

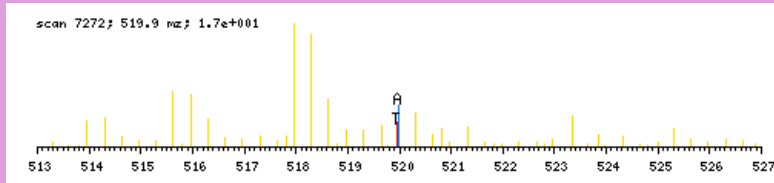
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 14		
163.1295	2	A 13	1466.7280	733.8679
260.1822	3	P 12	1395.6909	698.3493
388.2408	4	Q 11	1298.6381	649.8230
445.2623	5	G 10	1170.5795	585.7937
532.2943	6	S 9	1113.5580	557.2829
645.3784	7	L 8	1026.5260	513.7669
702.3998	8	G 7	913.4420	457.2249
831.4424	9	E 6	856.4205	428.7142
994.5058	10	Y 5	727.3779	364.1929
1107.5898	11	L 4	564.3146	282.6612
1254.6582	12	F 3	451.2305	226.1192
1383.7008	13	E 2	304.1621	152.5850
	14	R 1	175.1195	88.0637

N-term:+35.07

GAPSASVAAAPAPAR, MH+ 1321.7228, m/z 441.2458
 L OS G24 P150811 220811-s1.02579.02579.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

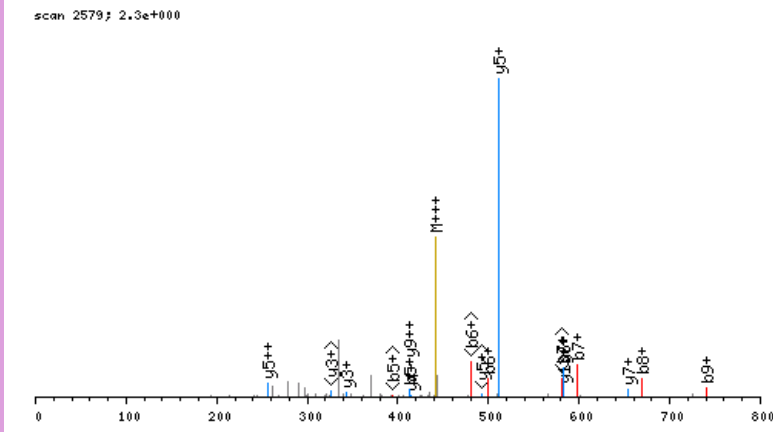
y + 2+ 3+

z + 2+ 3+

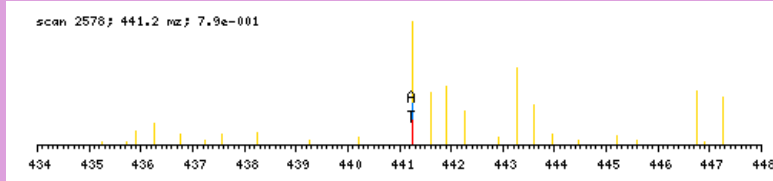
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



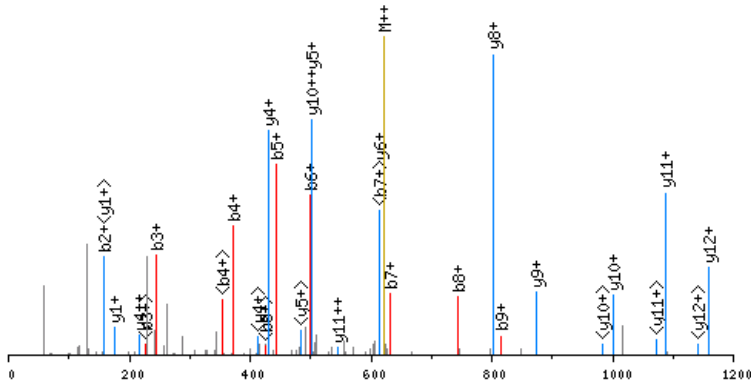
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 15		
157.0977	2	A 14	1236.6701	618.8389
254.1504	3	P 13	1165.6329	583.3204
341.1825	4	S 12	1068.5802	534.7940
412.2196	5	A 11	981.5482	491.2780
499.2516	6	S 10	910.5110	455.7594
598.3200	7	V 9	823.4790	412.2434
669.3571	8	A 8	724.4106	362.7092
740.3943	9	A 7	653.3735	327.1907
811.4314	10	A 6	582.3364	291.6721
908.4841	11	P 5	511.2993	256.1535
979.5212	12	A 4	414.2465	207.6272
1076.5740	13	P 3	343.2094	172.1086
1147.6111	14	A 2	246.1566	123.5822
	15	R 1	175.1195	88.0637

N-term:+29.04

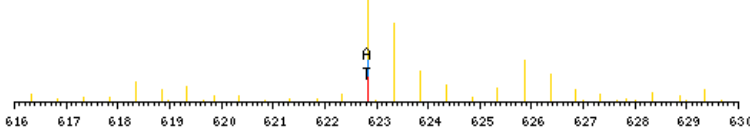
GASQAGMLAPGTR, MH+ 1244.6421, m/z 622.8247
 L OS G25 P150811 220811-s1.02838.02838.2.dta

scan 2838; 1.1e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2837; 622.8 m/z; 3.2e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

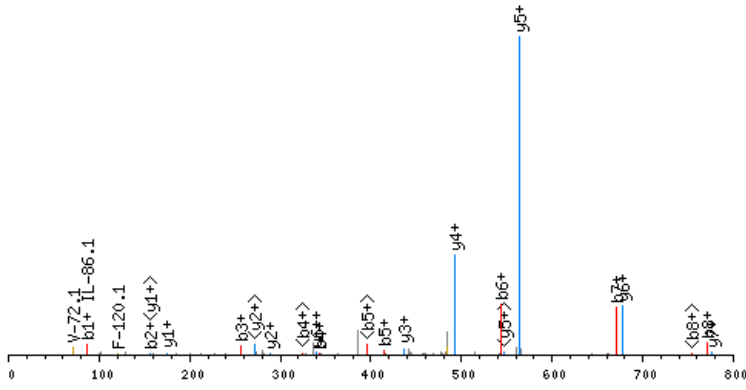
GO

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 13		
157.0977	2	A 12	1159.5894	580.2986
244.1297	3	S 11	1088.5523	544.7800
372.1883	4	Q 10	1001.5202	501.2640
443.2254	5	A 9	873.4616	437.2347
500.2469	6	G 8	802.4245	401.7162
631.2873	7	M 7	745.4031	373.2054
744.3714	8	L 6	614.3626	307.6852
815.4085	9	A 5	501.2785	251.1432
912.4613	10	P 4	430.2414	215.6246
969.4828	11	G 3	333.1886	167.0982
1070.5304	12	T 2	276.1672	138.5875
	13	R 1	175.1195	88.0637

N-term:+29.04

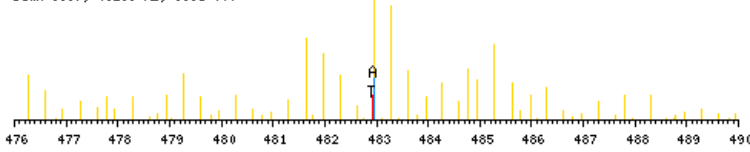
GAVSAEQVIAGFNR, MH+ 1446.7705, m/z 482.9283
 L OS G25 P150811 220811-s1.06889.06889.3.dta

scan 6889; 7.8e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6887; 482.9 m/z; 9.9e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 14		
157.0977	2	A 13	1361.7177	681.3628
256.1661	3	V 12	1290.6806	645.8442
343.1981	4	S 11	1191.6122	596.3100
414.2352	5	A 10	1104.5802	552.7940
543.2778	6	E 9	1033.5431	517.2754
671.3364	7	Q 8	904.5005	452.7542
770.4048	8	V 7	776.4419	388.7249
883.4889	9	I 6	677.3735	339.1907
954.5260	10	A 5	564.2894	282.6486
1011.5475	11	G 4	493.2523	247.1301
1158.6159	12	F 3	436.2308	218.6193
1272.6588	13	N 2	289.1624	145.0851
	14	R 1	175.1195	88.0637

N-term:+29.04

GAYDAQGTLTKIFKLGGR, MH+ 1984.2080, m/z 496.8075
 H OS G28 P150811 220811-s1.08696.08696.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

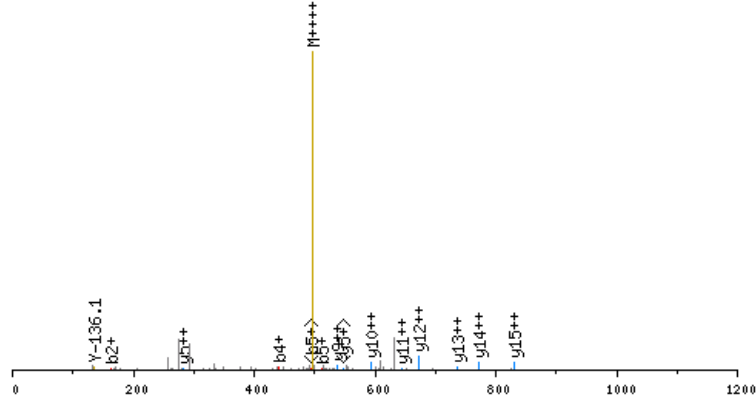
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

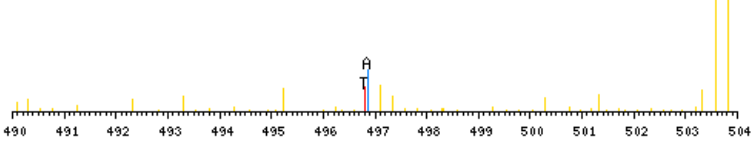
GO

scan 8696; 9.6e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 8693; 496.8 mz; 1.2e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
92.0924	1	G	18		
163.1295	2	A	17	1893.1235	947.0657
326.1928	3	Y	16	1822.0864	911.5471
441.2197	4	D	15	1659.0230	830.0154
512.2569	5	A	14	1543.9961	772.5020
640.3154	6	Q	13	1472.9590	736.9834
697.3369	7	G	12	1344.9004	672.9541
798.3846	8	T	11	1287.8789	644.4434
911.4686	9	L	10	1186.8313	593.9195
998.5007	10	S	9	1073.7472	537.3775
1160.6588	11	K	8	986.7152	493.8615
1273.7428	12	I	7	824.5571	412.7824
1420.8113	13	F	6	711.4730	356.2404
1582.9694	14	K	5	564.4046	282.7062
1696.0534	15	L	4	402.2465	201.6272
1753.0749	16	G	3	289.1624	145.0851
1810.0963	17	G	2	232.1410	116.5744
	18	R	1	175.1195	88.0637

N-term:+35.07 K(11):+162.16
 K(14):+162.16

GDDLDPNYVLSSR, MH+ 1484.7445, m/z 495.5863
 H OS G25 P150811 220811-s1.05990.05990.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

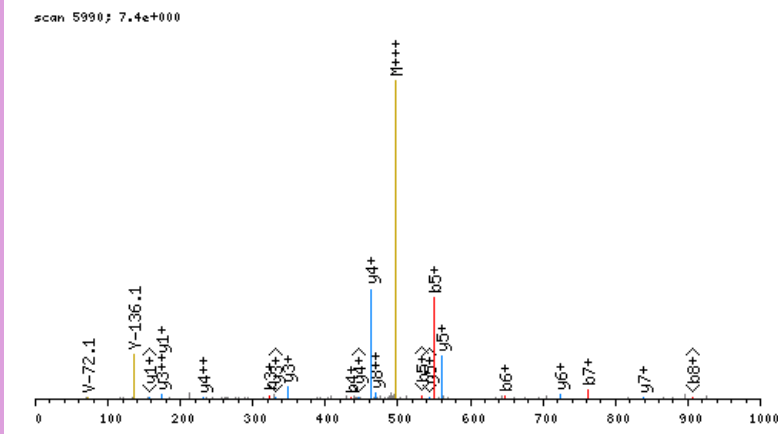
y + 2+ 3+

z + 2+ 3+

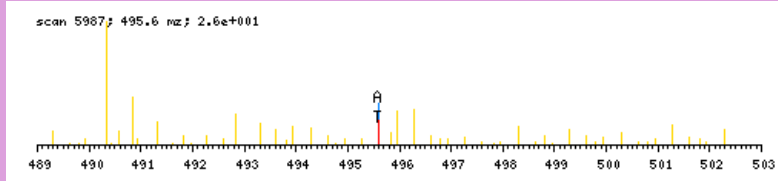
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



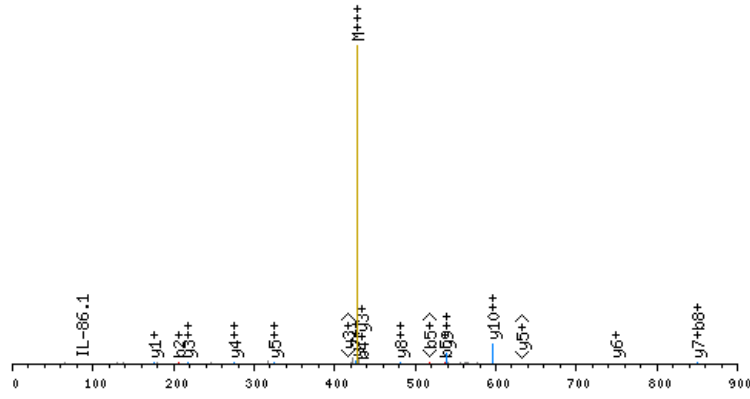
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 13		
207.1193	2	D 12	1393.6599	697.3339
322.1462	3	D 11	1278.6330	639.8204
435.2303	4	L 10	1163.6061	582.3069
550.2573	5	D 9	1050.5220	525.7649
647.3100	6	P 8	935.4951	468.2514
761.3529	7	N 7	838.4423	419.7251
924.4163	8	Y 6	724.3994	362.7036
1023.4847	9	V 5	561.3360	281.1719
1136.5688	10	L 4	462.2676	231.6377
1223.6008	11	S 3	349.1836	175.0957
1310.6328	12	S 2	262.1515	131.5797
	13	R 1	175.1195	88.0637

N-term:+35.07

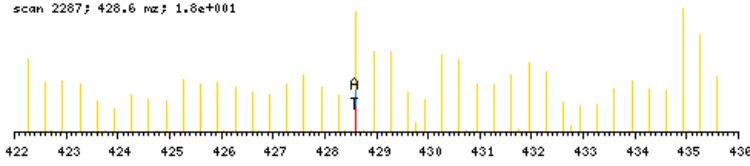
GDDLIVTNPQR, MH+ 1283.7596, m/z 428.5914
 H OS G27 P150811 220811-s1.02289.02289.3.dta

scan 2289; 2.2e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2287; 428.6 m/z; 1.8e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 11		
207.1193	2	D 10	1192.6750	596.8414
322.1462	3	D 9	1077.6481	539.3279
435.2303	4	L 8	962.6211	481.8145
536.2780	5	T 7	849.5371	425.2724
635.3464	6	V 6	748.4894	374.7486
736.3941	7	T 5	649.4210	325.2144
850.4370	8	N 4	548.3733	274.6906
947.4898	9	P 3	434.3304	217.6691
1109.6479	10	K 2	337.2776	169.1427
	11	R 1	175.1195	88.0637

N-term:+35.07 K(10):+162.16

GDFPDTIQCADVHLVPR, MH+ 1967.9648, m/z 656.6598
 L OS G26 P150811 220811-s1.05627.05627.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

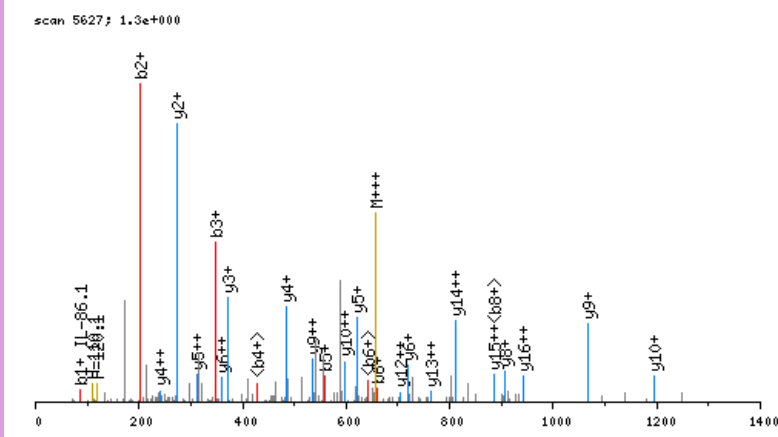
y + 2+ 3+

z + 2+ 3+

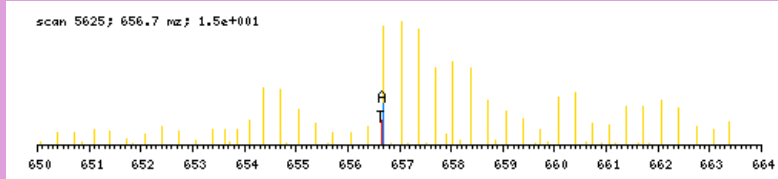
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 17		
201.0875	2	D 16	1882.9121	941.9600
348.1559	3	F 15	1767.8852	884.4465
445.2087	4	P 14	1620.8168	810.9123
560.2356	5	D 13	1523.7640	762.3859
661.2833	6	T 12	1408.7370	704.8724
774.3674	7	I 11	1307.6894	654.3486
902.4259	8	Q 10	1194.6053	597.8066
1062.4565	9	C 9	1066.5467	533.7773
1133.4937	10	A 8	906.5161	453.7620
1248.5206	11	D 7	835.4790	418.2434
1347.5890	12	V 6	720.4521	360.7299
1484.6479	13	H 5	621.3837	311.1957
1597.7320	14	L 4	484.3247	242.6663
1696.8004	15	V 3	371.2407	186.1243
1793.8532	16	P 2	272.1723	136.5900
	17	R 1	175.1195	88.0637

N-term:+29.04 C(9):+160.03

GDPKEEEEEELVDPLTTVR, MH+ 2253.1774, m/z 751.7307
 H OS G26 P150811 220811-s1.05711.05711.3.dta

scan 5711; 3.5e+000

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

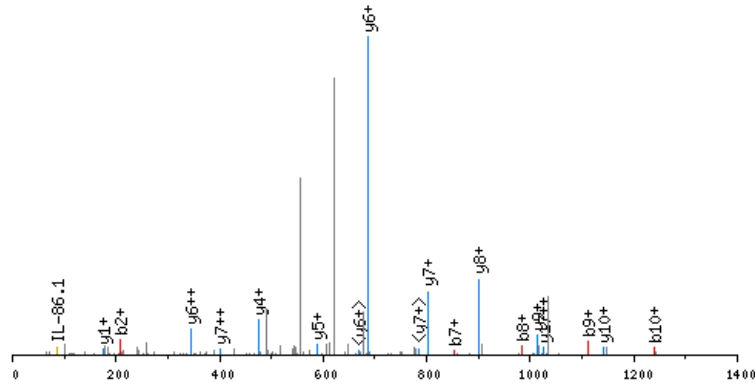
y + 2+ 3+

z + 2+ 3+

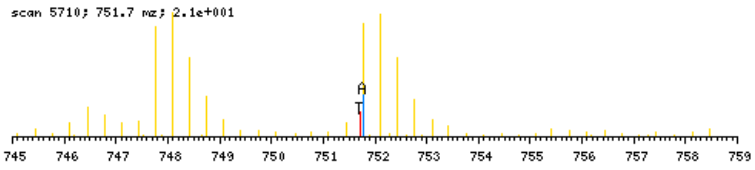
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



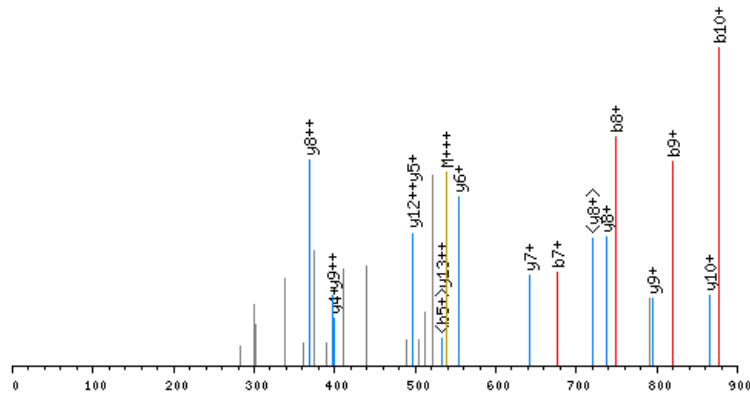
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
92.0924	1	G	19		
207.1193	2	D	18	2162.0929	1081.5504
304.1721	3	P	17	2047.0659	1024.0369
466.3302	4	K	16	1950.0132	975.5105
595.3728	5	E	15	1787.8551	894.4315
724.4154	6	E	14	1658.8125	829.9102
853.4580	7	E	13	1529.7699	765.3889
982.5005	8	E	12	1400.7273	700.8676
1111.5431	9	E	11	1271.6847	636.3463
1240.5857	10	E	10	1142.6421	571.8250
1353.6698	11	L	9	1013.5995	507.3037
1452.7382	12	V	8	900.5155	450.7616
1567.7652	13	D	7	801.4470	401.2274
1664.8179	14	P	6	686.4201	343.7140
1777.9020	15	L	5	589.3673	295.1876
1878.9497	16	T	4	476.2833	238.6455
1979.9973	17	T	3	375.2356	188.1217
2079.0657	18	V	2	274.1879	137.5979
	19	R	1	175.1195	88.0637

N-term:+35.07 K(4):+162.16

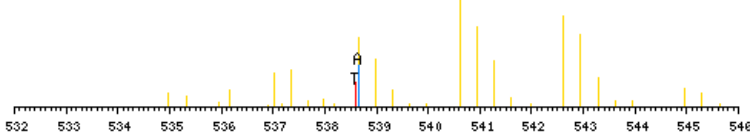
GDRGEAGAAGPSGPAGPR, MH+ 1613.8208, m/z 538.6118
 H OS G27 P150811 220811-s1.01940.01940.3.dta

scan 1940; 1.0e-001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 1939; 538.6 m/z; 1.8e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 18		
207.1193	2	D 17	1522.7362	761.8720
363.2204	3	R 16	1407.7093	704.3586
420.2419	4	G 15	1251.6082	626.3080
549.2845	5	E 14	1194.5867	597.7973
620.3216	6	A 13	1065.5441	533.2760
677.3431	7	G 12	994.5070	497.7574
748.3802	8	A 11	937.4856	469.2467
819.4173	9	A 10	866.4484	433.7281
876.4387	10	G 9	795.4113	398.2096
973.4915	11	P 8	738.3899	369.6988
1060.5235	12	S 7	641.3371	321.1725
1117.5450	13	G 6	554.3051	277.6564
1214.5978	14	P 5	497.2836	249.1457
1285.6349	15	A 4	400.2308	200.6193
1342.6563	16	G 3	329.1937	165.1008
1439.7091	17	P 2	272.1723	136.5900
	18	R 1	175.1195	88.0637

N-term:+35.07

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

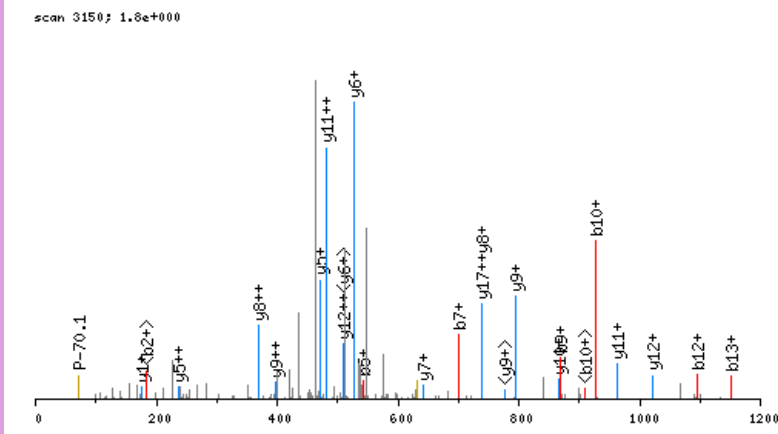
y + 2+ 3+

z + 2+ 3+

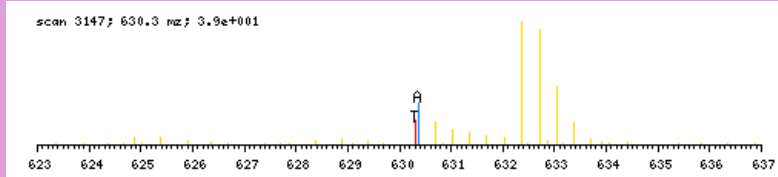
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

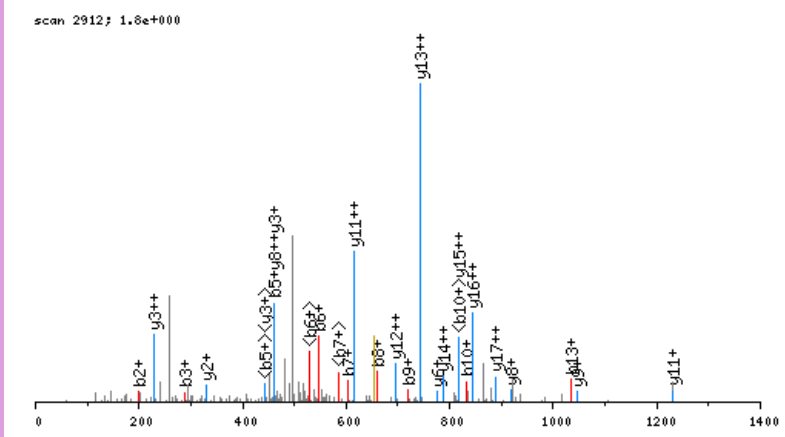


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

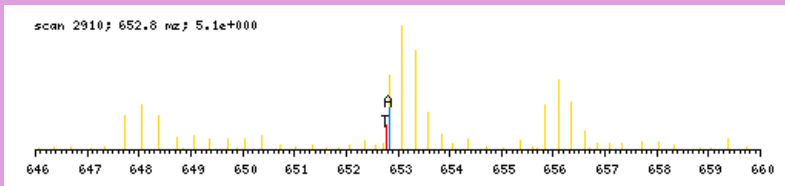
b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 21		
201.0875	2	D 20	1803.9102	902.4590
357.1886	3	R 19	1688.8832	844.9455
414.2101	4	G 18	1532.7821	766.8950
543.2527	5	E 17	1475.7607	738.3842
644.3004	6	T 16	1346.7181	673.8629
701.3218	7	G 15	1245.6704	623.3391
798.3746	8	P 14	1188.6489	594.8284
869.4117	9	A 13	1091.5962	546.3020
926.4332	10	G 12	1020.5591	510.7834
1023.4859	11	P 11	963.5376	482.2727
1094.5230	12	A 10	866.4848	433.7463
1151.5445	13	G 9	795.4477	398.2278
1248.5973	14	P 8	738.4262	369.7170
1361.6813	15	I 7	641.3735	321.1907
1418.7028	16	G 6	528.2894	264.6486
1515.7556	17	P 5	471.2680	236.1379
1586.7927	18	A 4	374.2152	187.6115
1643.8141	19	G 3	303.1781	152.0930
1714.8512	20	A 2	246.1566	123.5822
	21	R 1	175.1195	88.0637

N-term:+29.04

GDSGDSGGGDSGGSPCSEAAATLTEKR, MH+ 2608.1433, m/z 652.7913
 I OS G26 P150811 220811-s1.02912.02912.4.dta



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
86.0606	1	G	27		
201.0875	2	D	26	2523.0905	1262.0492
288.1195	3	S	25	2408.0636	1204.5357
345.1410	4	G	24	2321.0315	1161.0197
460.1679	5	D	23	2264.0101	1132.5090
547.2000	6	S	22	2148.9831	1074.9955
604.2214	7	G	21	2061.9511	1031.4795
661.2429	8	G	20	2004.9296	1002.9687
718.2644	9	G	19	1947.9082	974.4580
833.2913	10	D	18	1890.8867	945.9473
920.3233	11	S	17	1775.8598	888.4338
977.3448	12	G	16	1688.8277	844.9178
1034.3663	13	G	15	1631.8063	816.4071
1121.3983	14	S	14	1574.7848	787.8963
1218.4511	15	P	13	1487.7528	744.3803
1378.4817	16	C	12	1390.7000	695.8539
1475.5344	17	P	11	1230.6694	615.8386
1562.5664	18	S	10	1133.6167	567.3122
1691.6090	19	E	9	1046.5846	523.7962
1762.6462	20	A	8	917.5420	459.2749
1833.6833	21	A	7	846.5049	423.7564
1934.7309	22	T	6	775.4678	388.2378
2047.8150	23	L	5	674.4201	337.7140
2148.8627	24	T	4	561.3361	281.1719
2277.9053	25	E	3	460.2884	230.6481
2434.0316	26	K	2	331.2458	166.1268
	27	R	1	175.1195	88.0637

N-term: +29.04 C(16) : +160.03
 K(26) : +156.13

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

GDVDISGPKLEGDIKVPR, MH+ 1997.2132, m/z 500.0587
 H OS G28 P150811 220811-s1.06437.06437.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

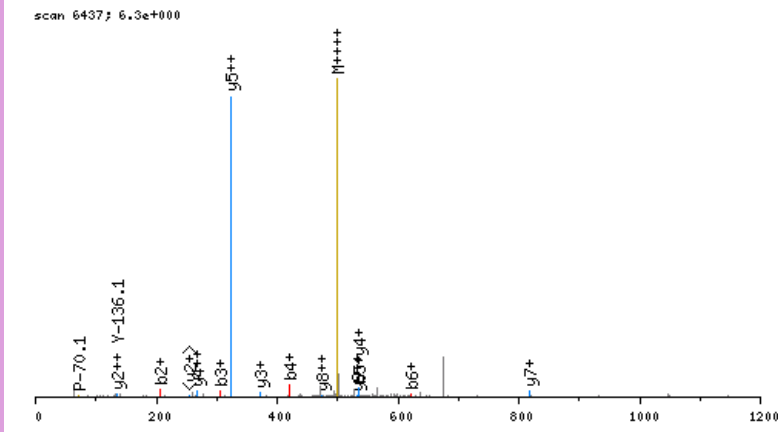
y + 2+ 3+

z + 2+ 3+

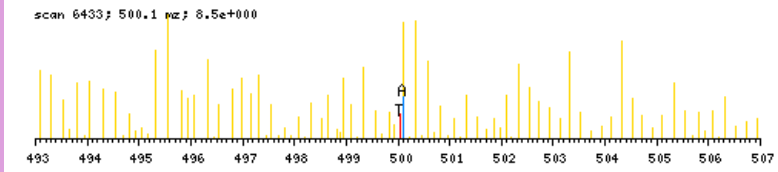
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
92.0924	1	G	18		
207.1193	2	D	17	1906.1286	953.5682
306.1877	3	V	16	1791.1017	896.0548
421.2147	4	D	15	1692.0333	846.5205
534.2987	5	I	14	1577.0063	789.0071
621.3308	6	S	13	1463.9223	732.4650
678.3522	7	G	12	1376.8902	688.9490
775.4050	8	P	11	1319.8688	660.4383
937.5631	9	K	10	1222.8160	611.9119
1050.6471	10	L	9	1060.6579	530.8329
1179.6897	11	E	8	947.5738	474.2908
1236.7112	12	G	7	818.5312	409.7695
1351.7381	13	D	6	761.5098	381.2588
1464.8222	14	I	5	646.4828	323.7453
1626.9803	15	K	4	533.3988	267.2033
1726.0487	16	V	3	371.2407	186.1243
1823.1015	17	P	2	272.1723	136.5900
	18	R	1	175.1195	88.0637

N-term:+35.07 K(9):+162.16
 K(15):+162.16

GDVLTLESER, MH+ 1259.6847, m/z 630.3460
 L OS G25 P150811 220811-s1.07876.07876.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

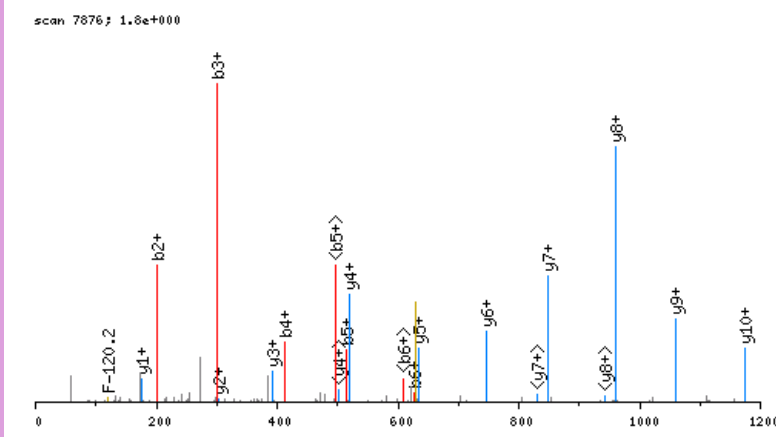
y + 2+ 3+

z + 2+ 3+

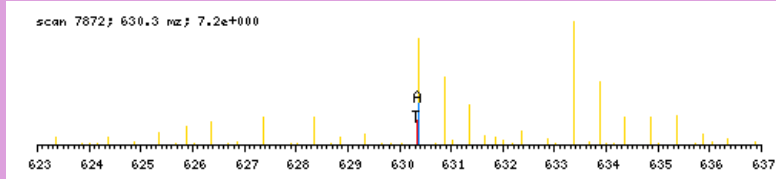
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 11		
201.0875	2	D 10	1174.6319	587.8199
300.1559	3	V 9	1059.6050	530.3064
413.2400	4	L 8	960.5366	480.7722
514.2877	5	T 7	847.4525	424.2302
627.3717	6	L 6	746.4048	373.7063
740.4558	7	L 5	633.3208	317.1643
869.4984	8	E 4	520.2367	260.6223
956.5304	9	S 3	391.1941	196.1010
1085.5730	10	E 2	304.1621	152.5850
	11	R 1	175.1195	88.0637

N-term:+29.04

GDVFPVVADPTVPNVTVTR, MH+ 1864.0180, m/z 622.0108
 L OS G24 P150811 220811-s1.03993.03993.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

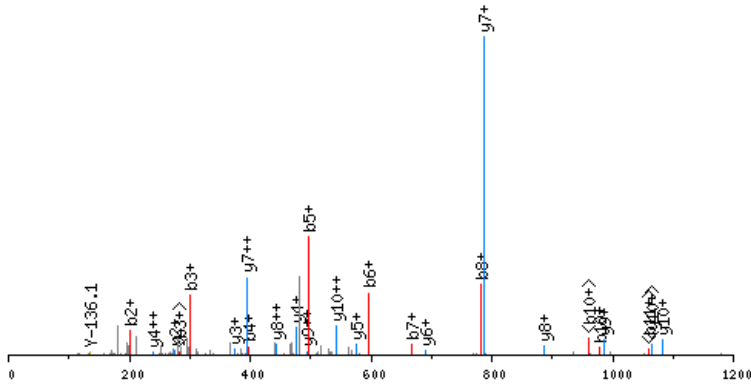
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

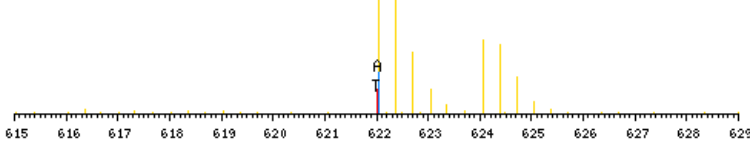
GO

scan 3993; 4.3e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 3992; 622.0 m/z; 1.4e+001



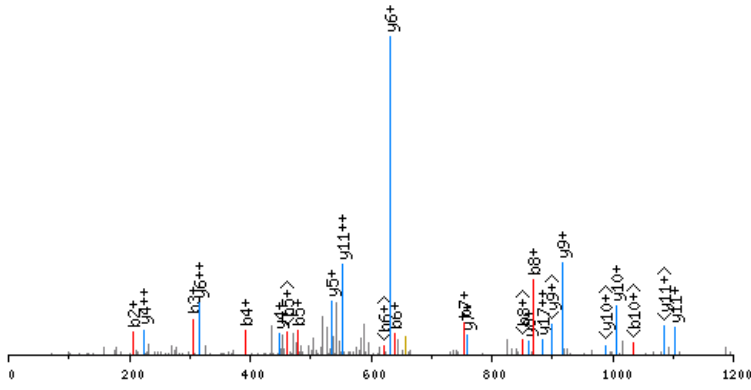
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 18		
201.0875	2	D 17	1778.9652	889.9865
300.1559	3	V 16	1663.9383	832.4731
397.2087	4	P 15	1564.8699	782.9389
496.2771	5	V 14	1467.8171	734.4125
595.3455	6	V 13	1368.7487	684.8783
666.3826	7	A 12	1269.6803	635.3441
781.4096	8	D 11	1198.6432	599.8255
878.4623	9	P 10	1083.6162	542.3120
979.5100	10	T 9	986.5635	493.7856
1078.5784	11	V 8	885.5158	443.2618
1175.6312	12	P 7	786.4474	393.7276
1289.6741	13	N 6	689.3946	345.2012
1388.7425	14	V 5	575.3517	288.1798
1489.7902	15	T 4	476.2833	238.6455
1588.8586	16	V 3	375.2356	188.1217
1689.9063	17	T 2	276.1672	138.5875
	18	R 1	175.1195	88.0637

N-term:+29.04

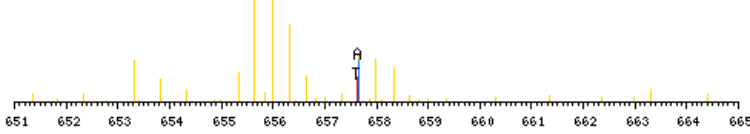
GDVSSCDNPSGTEPSGTNR, MH+ 1970.8573, m/z 657.6240
 H OS G25 P150811 220811-s1.02091.02091.3.dta

scan 2091; 2.3e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2087; 657.6 m/z; 7.6e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 19		
207.1193	2	D 18	1879.7728	940.3903
306.1877	3	V 17	1764.7458	882.8768
393.2197	4	S 16	1665.6774	833.3426
480.2518	5	S 15	1578.6454	789.8266
640.2824	6	C 14	1491.6134	746.3106
755.3093	7	D 13	1331.5828	666.2953
869.3522	8	N 12	1216.5558	608.7818
966.4050	9	P 11	1102.5129	551.7604
1053.4370	10	S 10	1005.4601	503.2340
1110.4585	11	G 9	918.4281	459.7180
1211.5062	12	T 8	861.4066	431.2072
1340.5488	13	E 7	760.3590	380.6834
1437.6015	14	P 6	631.3164	316.1621
1524.6336	15	S 5	534.2636	267.6357
1581.6550	16	G 4	447.2316	224.1197
1682.7027	17	T 3	390.2101	195.6090
1796.7456	18	N 2	289.1624	145.0851
	19	R 1	175.1195	88.0637

N-term:+35.07 C(6):+160.03

GEAGPEIVAPSAEGTAGSR, MH+ 1789.9144, m/z 597.3097
 H OS G24 P150811 220811-s1.03040.03040.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

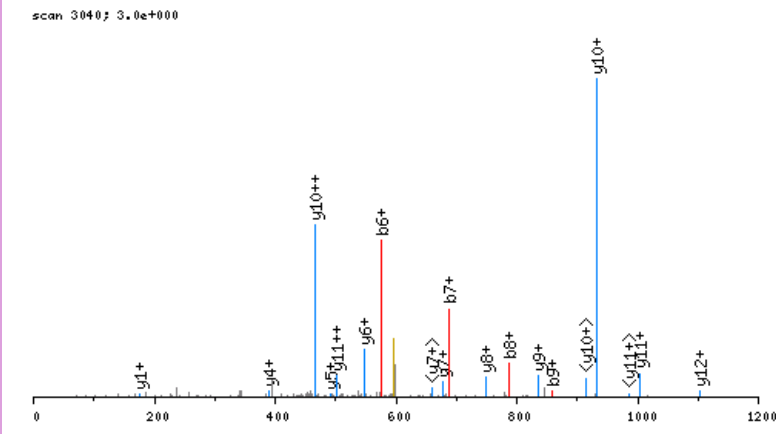
y + 2+ 3+

z + 2+ 3+

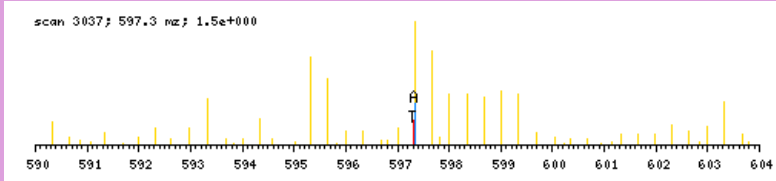
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 19		
221.1350	2	E 18	1698.8299	849.9188
292.1721	3	A 17	1569.7873	785.3975
349.1935	4	G 16	1498.7502	749.8790
446.2463	5	P 15	1441.7287	721.3683
575.2889	6	E 14	1344.6759	672.8419
688.3730	7	I 13	1215.6333	608.3206
787.4414	8	V 12	1102.5493	551.7786
858.4785	9	A 11	1003.4809	502.2443
955.5312	10	P 10	932.4437	466.7258
1042.5633	11	S 9	835.3910	418.1994
1113.6004	12	A 8	748.3590	374.6834
1242.6430	13	E 7	677.3218	339.1648
1299.6644	14	G 6	548.2792	274.6435
1400.7121	15	T 5	491.2578	246.1328
1471.7492	16	A 4	390.2101	195.6090
1528.7707	17	G 3	319.1730	160.0904
1615.8027	18	S 2	262.1515	131.5797
	19	R 1	175.1195	88.0637

N-term:+35.07

GEDIDLPEPFDAR, MH+ 1505.7124, m/z 753.3598
 L OS G25 P150811 220811-s1.06639.06639.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

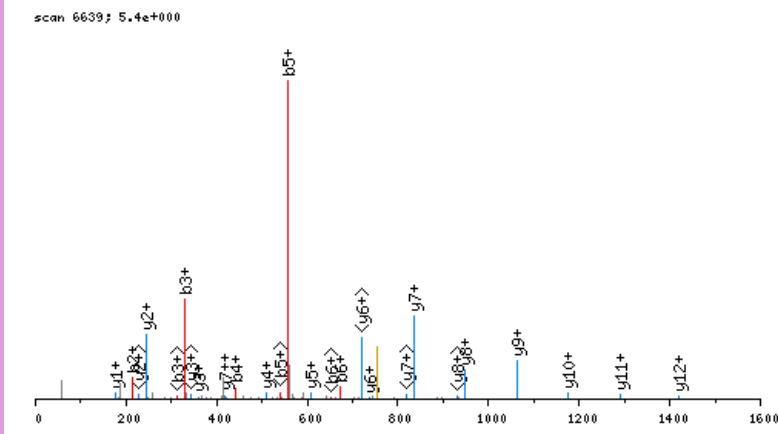
y + 2+ 3+

z + 2+ 3+

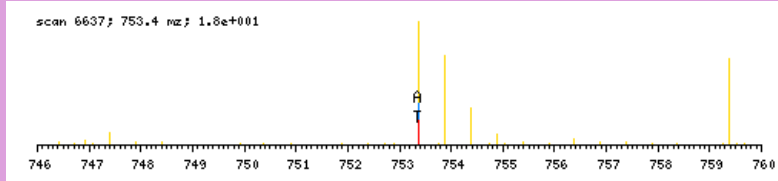
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 13		
215.1032	2	E 12	1420.6596	710.8337
330.1301	3	D 11	1291.6170	646.3124
443.2142	4	I 10	1176.5901	588.7990
558.2411	5	D 9	1063.5060	532.2569
671.3252	6	L 8	948.4791	474.7434
768.3779	7	P 7	835.3950	418.2014
897.4205	8	E 6	738.3422	369.6750
998.4682	9	T 5	609.2997	305.1537
1145.5366	10	F 4	508.2520	254.6299
1260.5636	11	D 3	361.1836	181.0957
1331.6007	12	A 2	246.1566	123.5822
	13	R 1	175.1195	88.0637

N-term:+29.04

GEEQGADAALHFNPR, MH+ 1639.7828, m/z 547.2658
 L OS G27 P150811 220811-s1.04215.04215.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

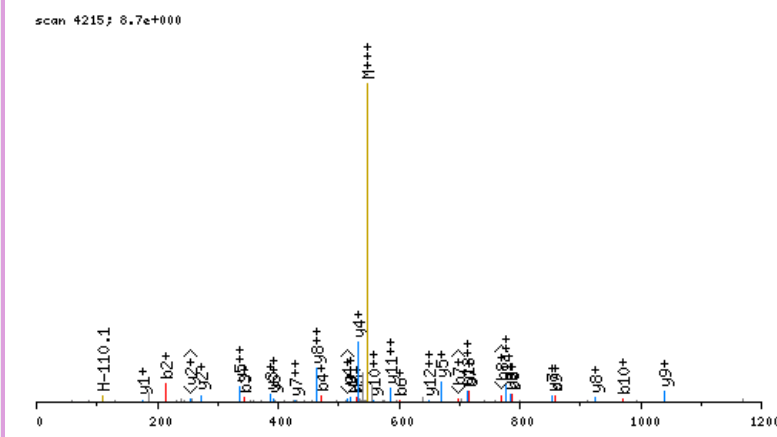
y + 2+ 3+

z + 2+ 3+

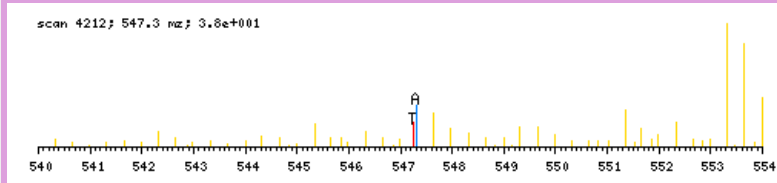
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 15		
215.1032	2	E 14	1554.7301	777.8690
344.1458	3	E 13	1425.6875	713.3477
472.2043	4	Q 12	1296.6449	648.8264
529.2258	5	G 11	1168.5863	584.7971
600.2629	6	A 10	1111.5649	556.2863
715.2898	7	D 9	1040.5278	520.7678
786.3270	8	A 8	925.5008	463.2543
857.3641	9	A 7	854.4637	427.7358
970.4481	10	L 6	783.4266	392.2172
1107.5071	11	H 5	670.3425	335.6752
1254.5755	12	F 4	533.2836	267.1457
1368.6184	13	N 3	386.2152	193.6115
1465.6712	14	P 2	272.1723	136.5900
	15	R 1	175.1195	88.0637

N-term:+29.04

GEIDASVPEMEADLR, MH+ 1665.8218, m/z 555.9454
 H OS G24 P150811 220811-s1.04191.04191.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

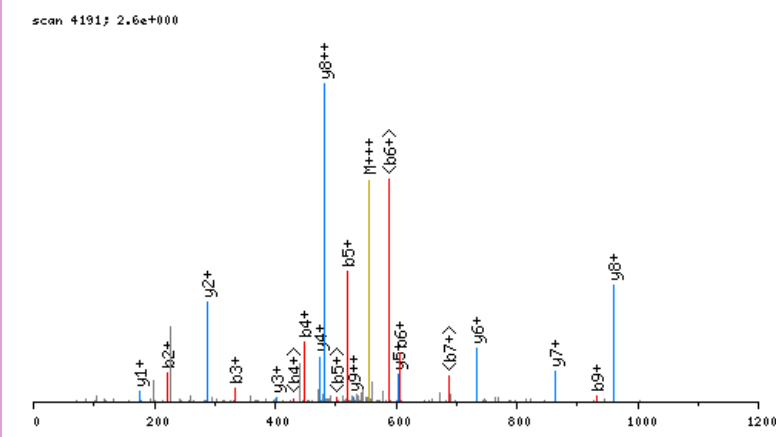
y + 2+ 3+

z + 2+ 3+

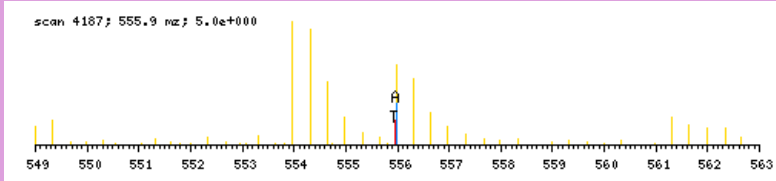
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



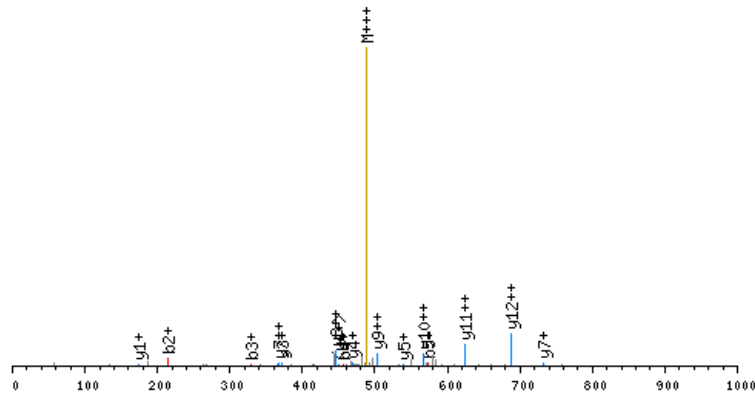
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 15		
221.1350	2	E 14	1574.7372	787.8725
334.2190	3	I 13	1445.6946	723.3512
449.2460	4	D 12	1332.6106	666.8092
520.2831	5	A 11	1217.5836	609.2957
607.3151	6	S 10	1146.5465	573.7772
706.3835	7	V 9	1059.5145	530.2611
803.4363	8	P 8	960.4461	480.7269
932.4789	9	E 7	863.3933	432.2006
1063.5194	10	M 6	734.3507	367.6793
1192.5620	11	E 5	603.3102	302.1590
1263.5991	12	A 4	474.2676	237.6377
1378.6260	13	D 3	403.2305	202.1192
1491.7101	14	L 2	288.2036	144.6057
	15	R 1	175.1195	88.0637

N-term:+35.07

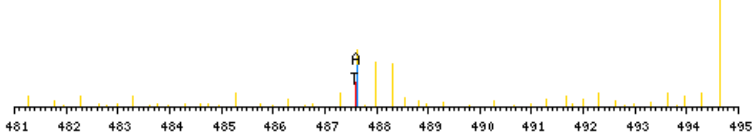
GELEDKPPAPPVR, MH+ 1460.8113, m/z 487.6086
 L OS G26 P150811 220811-s1.02788.02788.3.dta

scan 2788; 1.1e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2785; 487.6 m/z; 1.2e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
86.0606	1	G	13		
215.1032	2	E	12	1375.7586	688.3832
328.1872	3	L	11	1246.7160	623.8619
457.2298	4	E	10	1133.6319	567.3199
572.2568	5	D	9	1004.5893	502.7986
728.3831	6	K	8	889.5624	445.2851
825.4358	7	P	7	733.4361	367.2220
922.4886	8	P	6	636.3833	318.6956
993.5257	9	A	5	539.3306	270.1692
1090.5785	10	P	4	468.2934	234.6506
1187.6312	11	P	3	371.2407	186.1243
1286.6996	12	V	2	274.1879	137.5979
	13	R	1	175.1195	88.0637

N-term:+29.04 K(6):+156.13

GESGHLAKDCDLQEDACYNCGR, MH+ 2623.1610, m/z 656.5457
 H OS G28 P150811 220811-s1.03496.03496.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

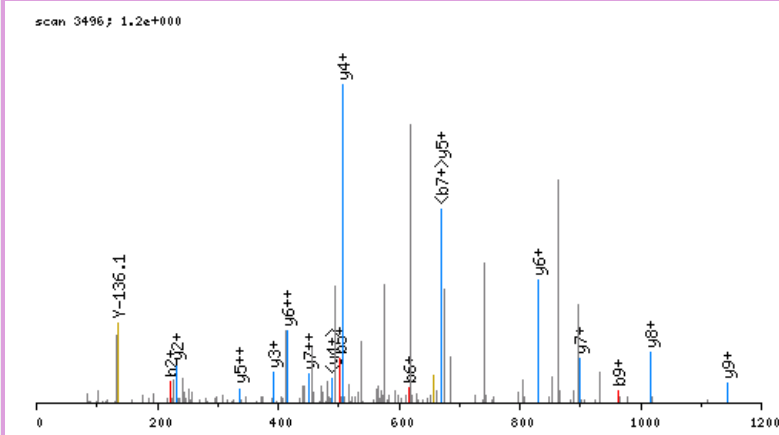
y + 2+ 3+

z + 2+ 3+

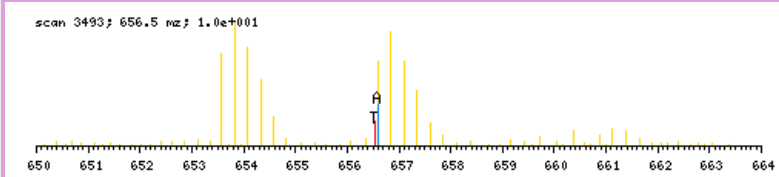
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
92.0924	1	G	22		
221.1350	2	E	21	2532.0765	1266.5421
308.1670	3	S	20	2403.0339	1202.0209
365.1884	4	G	19	2316.0019	1158.5048
502.2474	5	H	18	2258.9804	1129.9941
615.3314	6	L	17	2121.9215	1061.4647
686.3685	7	A	16	2008.8374	1004.9226
848.5266	8	K	15	1937.8003	969.4041
963.5536	9	D	14	1775.6422	888.3250
1123.5842	10	C	13	1660.6153	830.8115
1238.6111	11	D	12	1500.5847	750.7962
1351.6952	12	L	11	1385.5577	693.2828
1479.7538	13	Q	10	1272.4736	636.7407
1608.7964	14	E	9	1144.4151	572.7114
1723.8233	15	D	8	1015.3725	508.1902
1794.8604	16	A	7	900.3455	450.6767
1954.8910	17	C	6	829.3084	415.1581
2117.9543	18	Y	5	669.2778	335.1428
2231.9973	19	N	4	506.2145	253.6112
2392.0279	20	C	3	392.1716	196.5897
2449.0493	21	G	2	232.1410	116.5744
	22	R	1	175.1195	88.0637

N-term:+35.07 K(8):+162.16
 C(10):+160.03 C(17):+160.03
 C(20):+160.03

GESKCPMLVKVLDVAVR, MH+ 1886.0607, m/z 472.2706
 L OS G28 P150811 220811-s1.08150.08150.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

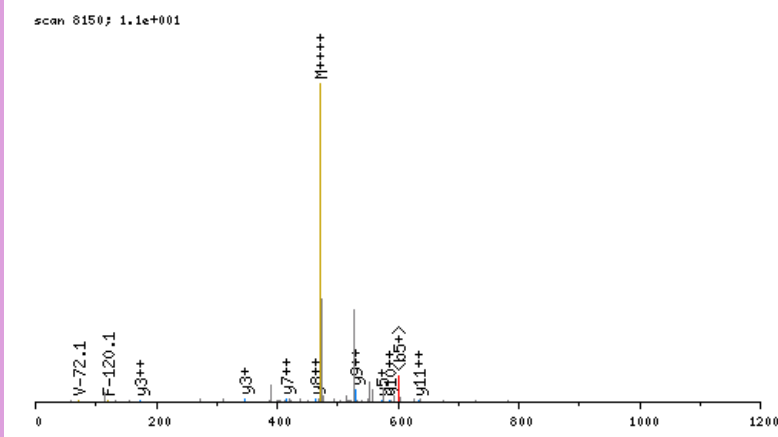
y + 2+ 3+

z + 2+ 3+

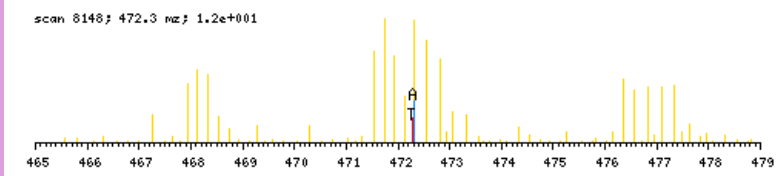
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 16		
215.1032	2	E 15	1801.0080	901.0079
302.1352	3	S 14	1671.9654	836.4866
458.2615	4	K 13	1584.9334	792.9706
618.2921	5	C 12	1428.8071	714.9075
715.3448	6	P 11	1268.7765	634.8922
828.4289	7	L 10	1171.7237	586.3658
959.4694	8	M 9	1058.6396	529.8237
1058.5378	9	V 8	927.5992	464.3035
1214.6641	10	K 7	828.5307	414.7693
1313.7325	11	V 6	672.4044	336.7061
1426.8166	12	L 5	573.3360	287.1719
1541.8435	13	D 4	460.2520	230.6299
1612.8806	14	A 3	345.2250	173.1164
1711.9491	15	V 2	274.1879	137.5979
	16	R 1	175.1195	88.0637

N-term:+29.04 K(4):+156.13
 C(5):+160.03 K(10):+156.13

GESSFDLADR, MH+ 1124.5224, m/z 562.7648
 L OS G25 P150811 220811-s1.03995.03995.2.dta

scan 3995; 1.3e+001

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

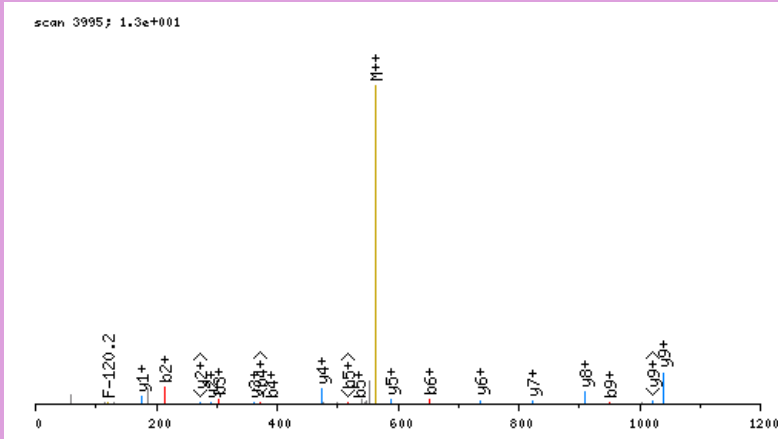
y + 2+ 3+

z + 2+ 3+

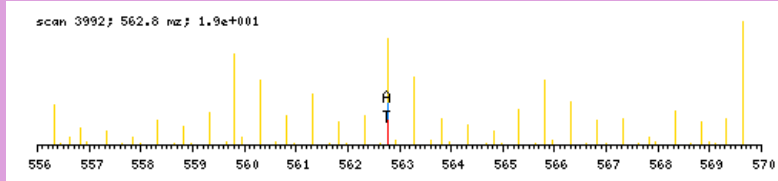
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
86.0606	1	G	10		
215.1032	2	E	9	1039.4696	520.2387
302.1352	3	S	8	910.4270	455.7174
389.1672	4	S	7	823.3950	412.2014
536.2356	5	F	6	736.3630	368.6854
651.2626	6	D	5	589.2946	295.1512
764.3466	7	L	4	474.2676	237.6377
835.3837	8	A	3	361.1836	181.0957
950.4107	9	D	2	290.1464	145.5771
	10	R	1	175.1195	88.0637

N-term:+29.04

GETGPAGPAGPIGPAGAR, MH+ 1566.8452, m/z 522.9533
 H OS G24 P150811 220811-s1.02899.02899.3.dta

scan 2899; 9.3e-001

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

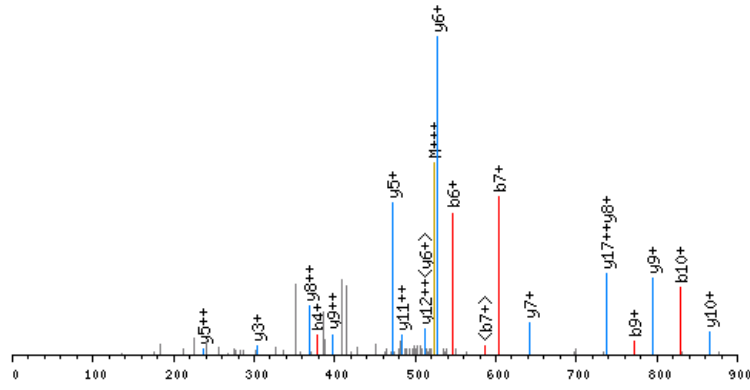
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

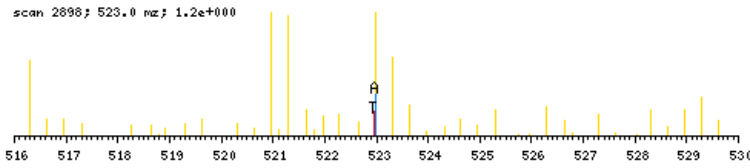
zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2898; 523.0 m/z; 1.2e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 18		
221.1350	2	E 17	1475.7607	738.3842
322.1826	3	T 16	1346.7181	673.8629
379.2041	4	G 15	1245.6704	623.3391
476.2569	5	P 14	1188.6489	594.8284
547.2940	6	A 13	1091.5962	546.3020
604.3154	7	G 12	1020.5591	510.7834
701.3682	8	P 11	963.5376	482.2727
772.4053	9	A 10	866.4848	433.7463
829.4268	10	G 9	795.4477	398.2278
926.4795	11	P 8	738.4262	369.7170
1039.5636	12	I 7	641.3735	321.1907
1096.5851	13	G 6	528.2894	264.6486
1193.6378	14	P 5	471.2680	236.1379
1264.6750	15	A 4	374.2152	187.6115
1321.6964	16	G 3	303.1781	152.0930
1392.7335	17	A 2	246.1566	123.5822
	18	R 1	175.1195	88.0637

N-term:+35.07

GETNPADSKPGTIR, MH+ 1498.7866, m/z 500.2670
 L OS G27 P150811 220811-s1.02116.02116.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

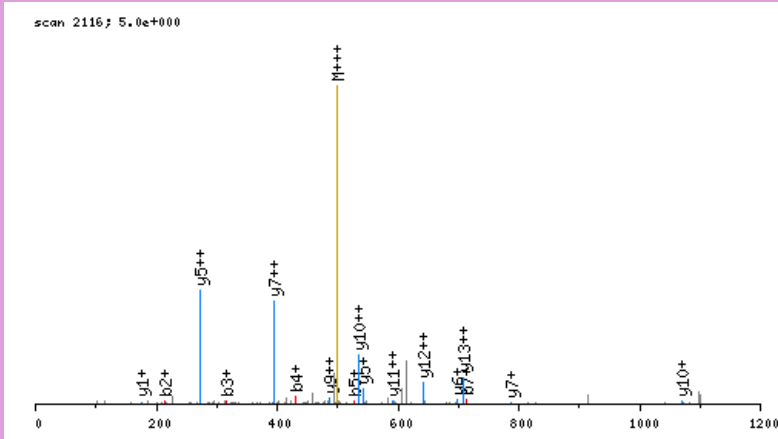
y + 2+ 3+

z + 2+ 3+

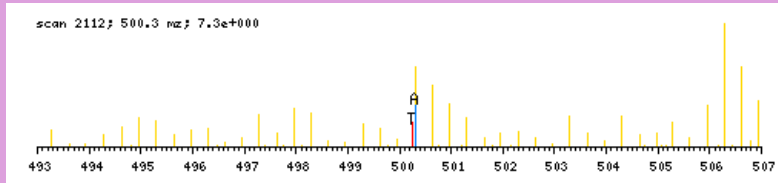
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



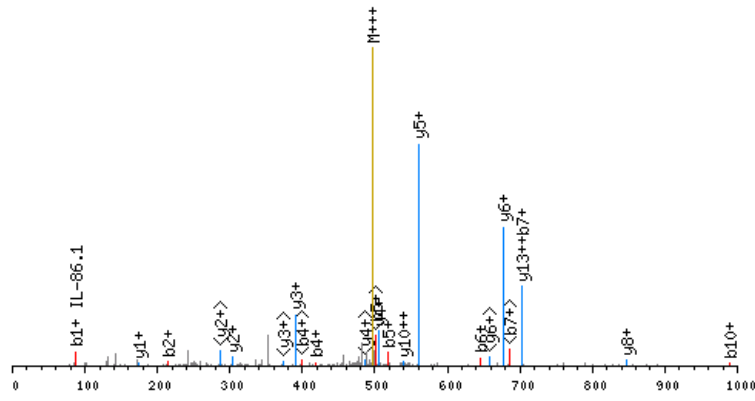
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 14		
215.1032	2	E 13	1413.7338	707.3708
316.1508	3	T 12	1284.6912	642.8495
430.1938	4	N 11	1183.6435	592.3257
527.2465	5	P 10	1069.6006	535.3042
598.2836	6	A 9	972.5479	486.7778
713.3106	7	D 8	901.5107	451.2593
800.3426	8	S 7	786.4838	393.7458
956.4689	9	K 6	699.4518	350.2298
1053.5217	10	P 5	543.3255	272.1666
1110.5431	11	G 4	446.2727	223.6403
1211.5908	12	T 3	389.2512	195.1295
1324.6749	13	I 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+29.04 K(9):+156.13

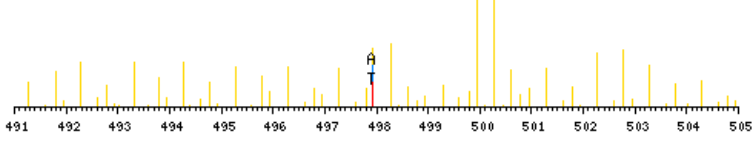
GETTTQGLDGLSER, MH+ 1491.7291, m/z 497.9145
 L OS G25 P150811 220811-s1.03864.03864.3.dta

scan 3864; 3.3e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 3862; 497.9 m/z; 1.9e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 14		
215.1032	2	E 13	1406.6763	703.8421
316.1508	3	T 12	1277.6337	639.3208
417.1985	4	T 11	1176.5861	588.7969
518.2462	5	T 10	1075.5384	538.2731
646.3048	6	Q 9	974.4907	487.7493
703.3262	7	G 8	846.4321	423.7200
816.4103	8	L 7	789.4107	395.2092
931.4372	9	D 6	676.3266	338.6672
988.4587	10	G 5	561.2997	281.1537
1101.5428	11	L 4	504.2782	252.6430
1188.5748	12	S 3	391.1941	196.1010
1317.6174	13	E 2	304.1621	152.5850
	14	R 1	175.1195	88.0637

N-term:+29.04

GEVVDCTIKMDPNTGR, MH+ 1859.9631, m/z 620.6592
 H OS G26 P150811 220811-s1.03388.03388.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

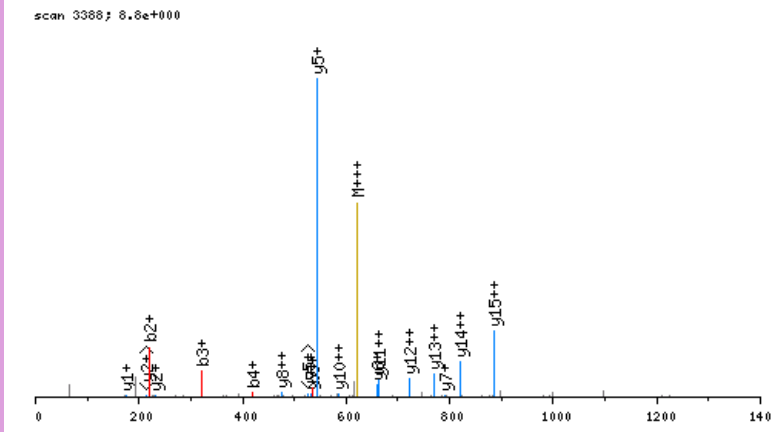
y + 2+ 3+

z + 2+ 3+

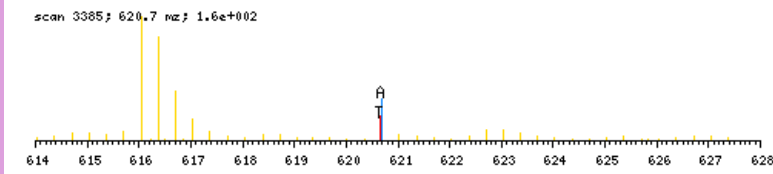
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 16		
221.1350	2	E 15	1768.8786	884.9432
320.2034	3	V 14	1639.8360	820.4219
419.2718	4	V 13	1540.7676	770.8877
534.2987	5	D 12	1441.6991	721.3535
694.3293	6	C 11	1326.6722	663.8400
795.3770	7	T 10	1166.6416	583.8247
908.4611	8	I 9	1065.5939	533.3009
1070.6192	9	K 8	952.5099	476.7588
1201.6597	10	M 7	790.3518	395.6798
1316.6866	11	D 6	659.3113	330.1596
1413.7394	12	P 5	544.2843	272.6461
1527.7823	13	N 4	447.2316	224.1197
1628.8300	14	T 3	333.1886	167.0982
1685.8514	15	G 2	232.1410	116.5744
	16	R 1	175.1195	88.0637

N-term:+35.07 C(6):+160.03
 K(9):+162.16

GEVVDCTIKTDPVTGR, MH+ 1814.9958, m/z 605.6701
 H OS G26 P150811 220811-s1.03286.03286.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

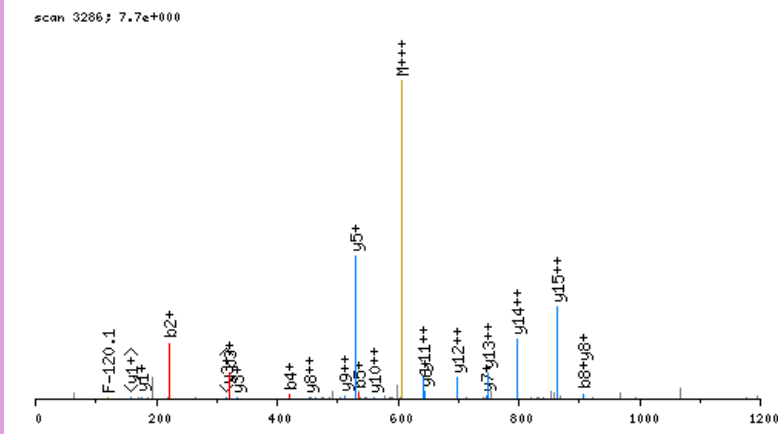
y + 2+ 3+

z + 2+ 3+

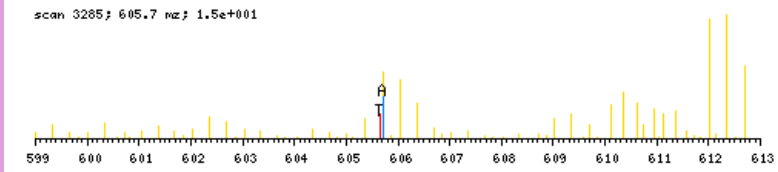
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G	16	
221.1350	2	E	15	1723.9112
320.2034	3	V	14	1594.8687
419.2718	4	V	13	1495.8002
534.2987	5	D	12	1396.7318
694.3293	6	C	11	1281.7049
795.3770	7	T	10	1121.6743
908.4611	8	I	9	1020.6266
1070.6192	9	K	8	907.5425
1171.6668	10	T	7	745.3844
1286.6938	11	D	6	644.3368
1383.7466	12	P	5	529.3098
1482.8150	13	V	4	432.2571
1583.8626	14	T	3	333.1886
1640.8841	15	G	2	232.1410
	16	R	1	175.1195

N-term:+35.07 C(6):+160.03
 K(9):+162.16

GEVVDCTKLDPITGR, MH+ 1841.0478, m/z 614.3541
 H OS G26 P150811 220811-s1.05229.05229.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

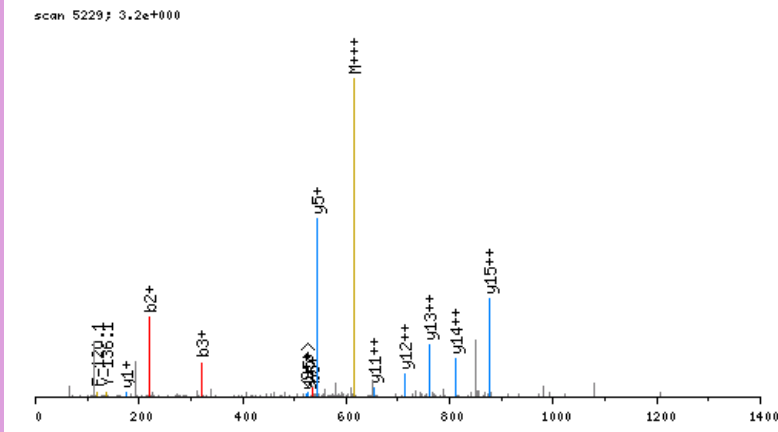
y + 2+ 3+

z + 2+ 3+

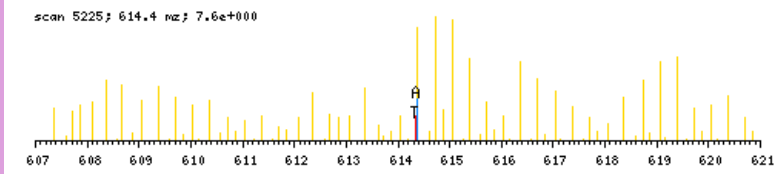
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
92.0924	1	G	16		
221.1350	2	E	15	1749.9633	875.4856
320.2034	3	V	14	1620.9207	810.9643
419.2718	4	V	13	1521.8523	761.4301
534.2987	5	D	12	1422.7839	711.8958
694.3293	6	C	11	1307.7569	654.3824
795.3770	7	T	10	1147.7263	574.3671
908.4611	8	L	9	1046.6786	523.8432
1070.6192	9	K	8	933.5946	467.3012
1183.7032	10	L	7	771.4365	386.2222
1298.7302	11	D	6	658.3524	329.6801
1395.7829	12	P	5	543.3255	272.1666
1508.8670	13	I	4	446.2727	223.6403
1609.9147	14	T	3	333.1886	167.0982
1666.9361	15	G	2	232.1410	116.5744
	16	R	1	175.1195	88.0637

N-term:+35.07 C(6):+160.03
 K(9):+162.16

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

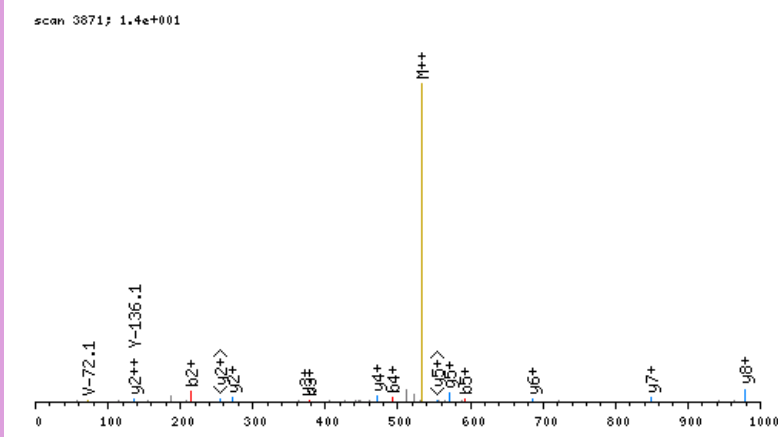
y + 2+ 3+

z + 2+ 3+

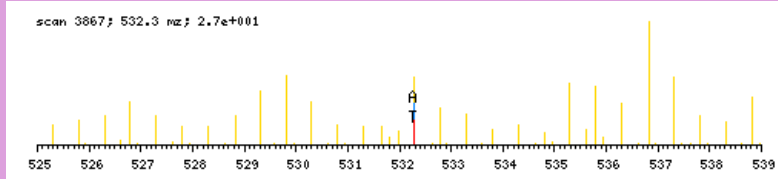
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



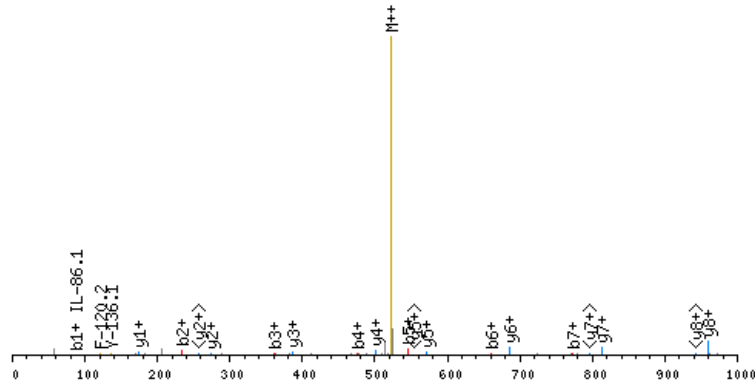
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G	9	
215.1032	2	E	8	489.7487
378.1665	3	Y	7	425.2274
493.1934	4	D	6	343.6958
592.2618	5	V	5	286.1823
693.3095	6	T	4	236.6481
792.3779	7	V	3	186.1243
889.4307	8	P	2	136.5900
	9	R	1	88.0637

N-term:+29.04

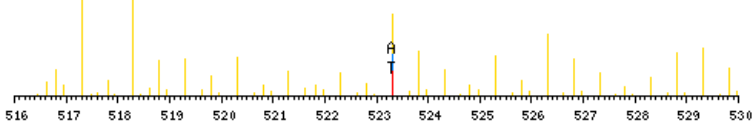
GFQNAILVR, MH+ 1045.6158, m/z 523.3115
 L OS G25 P150811 220811-s1.05225.05225.2.dta

scan 5225; 1.2e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5222; 523.3 m/z; 2.0e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G	9	
233.1290	2	F	8	960.5631
361.1876	3	Q	7	813.4947
475.2305	4	N	6	685.4361
546.2676	5	A	5	571.3932
659.3517	6	I	4	500.3560
772.4357	7	L	3	387.2720
871.5041	8	V	2	274.1879
	9	R	1	175.1195

N-term:+29.04

GGEASAAVEKLVSGVR, MH+ 1585.8914, m/z 529.3020
 L OS G26 P150811 220811-s1.05221.05221.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

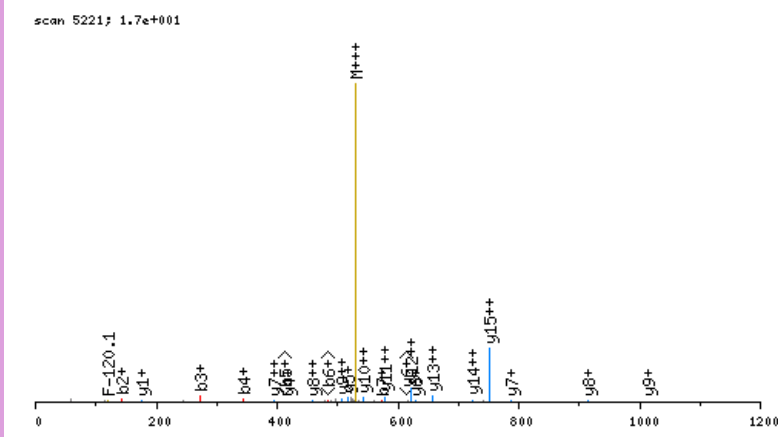
y + 2+ 3+

z + 2+ 3+

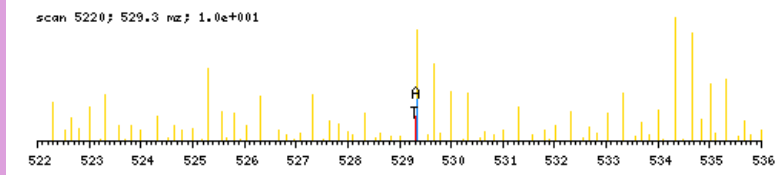
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



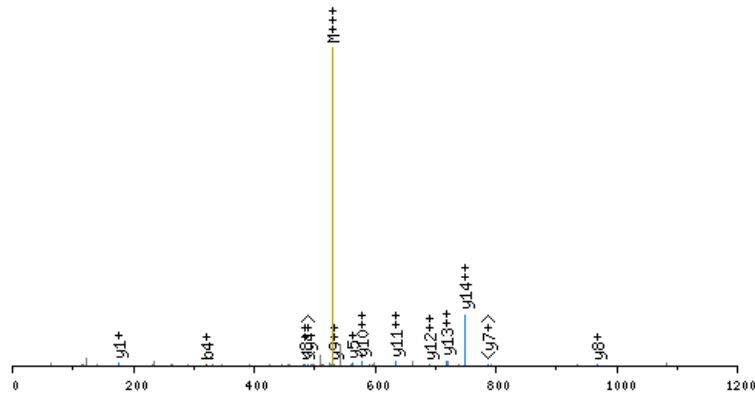
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 16		
143.0820	2	G 15	1500.8386	750.9232
272.1246	3	E 14	1443.8172	722.4125
343.1617	4	A 13	1314.7746	657.8912
430.1938	5	S 12	1243.7374	622.3726
501.2309	6	A 11	1156.7054	578.8566
572.2680	7	A 10	1085.6683	543.3381
671.3364	8	V 9	1014.6312	507.8195
800.3790	9	E 8	915.5628	458.2853
956.5053	10	K 7	786.5202	393.7640
1069.5894	11	L 6	630.3939	315.7009
1168.6578	12	V 5	517.3098	259.1588
1255.6898	13	S 4	418.2414	209.6246
1312.7113	14	G 3	331.2094	166.1086
1411.7797	15	V 2	274.1879	137.5979
	16	R 1	175.1195	88.0637

N-term:+29.04 K(10):+156.13

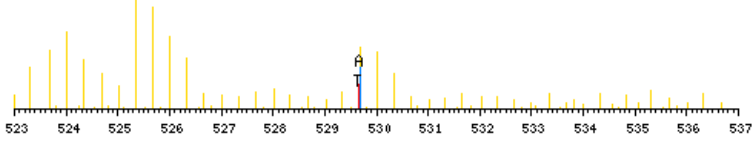
GGDISVKELGTVMR, MH+ 1586.9212, m/z 529.6453
 H OS G26 P150811 220811-s1.04728.04728.3.dta

scan 4728; 1.3e+001



click image to zoom in; click top corners to zoom out [precursor±]

scan 4725; 529.6 m/z; 1.2e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 15		
149.1138	2	G 14	1495.8367	748.4223
206.1353	3	G 13	1438.8152	719.9115
321.1622	4	D 12	1381.7937	691.4008
434.2463	5	I 11	1266.7668	633.8873
521.2783	6	S 10	1153.6827	577.3453
620.3467	7	V 9	1066.6507	533.8293
782.5048	8	K 8	967.5823	484.2951
911.5474	9	E 7	805.4242	403.2160
1024.6315	10	L 6	676.3816	338.6947
1081.6530	11	G 5	563.2975	282.1527
1182.7006	12	T 4	506.2761	253.6420
1281.7691	13	V 3	405.2284	203.1181
1412.8095	14	M 2	306.1600	153.5839
	15	R 1	175.1195	88.0637

N-term:+35.07 K(8):+162.16

GGGGHDALKGPNVCGSR, MH+ 1706.9032, m/z 427.4813
 H OS G28 P150811 220811-s1.02106.02106.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

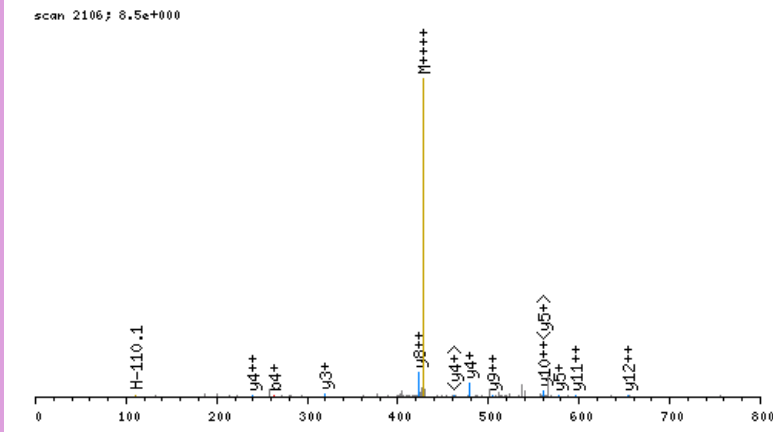
y + 2+ 3+

z + 2+ 3+

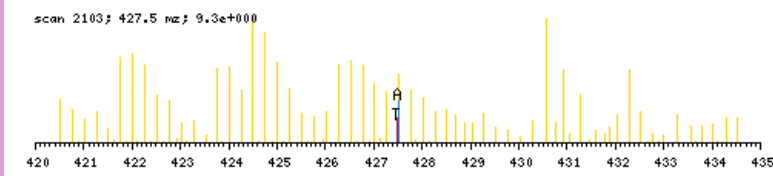
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
92.0924	1	G	17		
149.1138	2	G	16	1615.8187	808.4133
206.1353	3	G	15	1558.7972	779.9025
263.1568	4	G	14	1501.7758	751.3918
400.2157	5	H	13	1444.7543	722.8811
515.2426	6	D	12	1307.6954	654.3516
586.2797	7	A	11	1192.6684	596.8381
699.3638	8	L	10	1121.6313	561.3196
861.5219	9	K	9	1008.5473	504.7775
918.5434	10	G	8	846.3892	423.6985
1015.5961	11	P	7	789.3677	395.1878
1129.6390	12	N	6	692.3149	346.6614
1228.7075	13	V	5	578.2720	289.6399
1388.7381	14	C	4	479.2036	240.1057
1445.7595	15	G	3	319.1730	160.0904
1532.7915	16	S	2	262.1515	131.5797
	17	R	1	175.1195	88.0637

N-term:+35.07 K(9):+162.16
 C(14):+160.03

GGGNFGPGGSNFR, MH+ 1405.6613, m/z 469.2253
 L OS G25 P150811 220811-s1.03813.03813.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

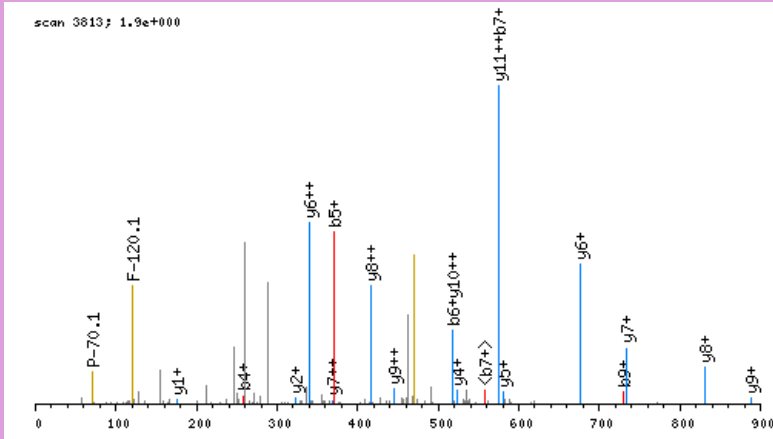
y + 2+ 3+

z + 2+ 3+

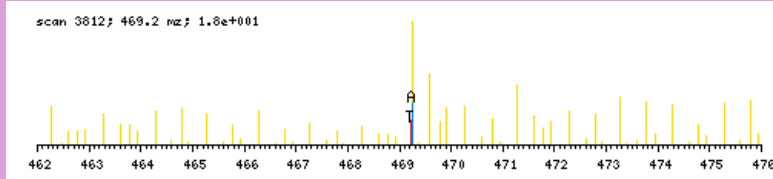
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



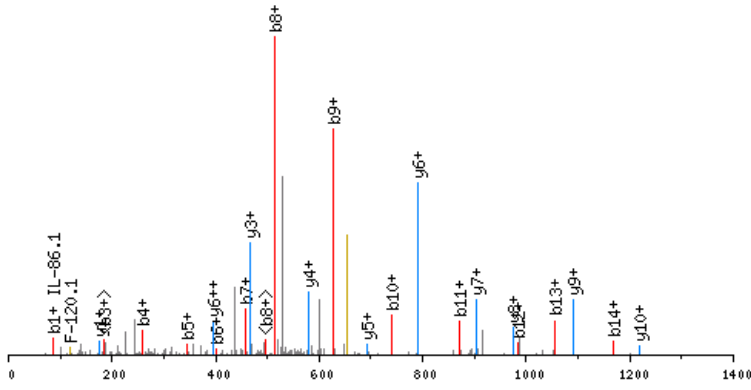
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 15		
143.0820	2	G 14	1320.6085	660.8082
200.1035	3	G 13	1263.5871	632.2974
257.1250	4	G 12	1206.5656	603.7867
371.1679	5	N 11	1149.5441	575.2760
518.2363	6	F 10	1035.5012	518.2545
575.2578	7	G 9	888.4328	444.7203
672.3105	8	P 8	831.4113	416.2096
729.3320	9	G 7	734.3586	367.6832
826.3848	10	P 6	677.3371	339.1725
883.4062	11	G 5	580.2843	290.6461
970.4382	12	S 4	523.2629	262.1353
1084.4812	13	N 3	436.2308	218.6193
1231.5496	14	F 2	322.1879	161.5979
	15	R 1	175.1195	88.0637

N-term:+29.04

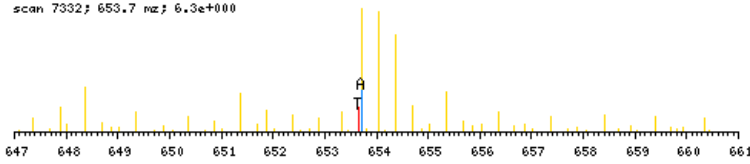
GGGGGGGLENANPLIYER, MH+ 1958.9936, m/z 653.6694
 L OS G25 P150811 220811-s1.07334.07334.3.dta

scan 7334; 1.8e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 7332; 653.7 m/z; 6.3e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
86.0606	1	G	20		
143.0820	2	G	19	1873.9408	937.4743
200.1035	3	G	18	1816.9194	908.9636
257.1250	4	G	17	1759.8979	880.4529
344.1570	5	S	16	1702.8764	851.9421
401.1784	6	G	15	1615.8444	808.4261
458.1999	7	G	14	1558.8229	779.9154
515.2214	8	G	13	1501.8015	751.4046
628.3054	9	L	12	1444.7800	722.8939
741.3895	10	L	11	1331.6959	666.3519
870.4321	11	E	10	1218.6119	609.8099
984.4750	12	N	9	1089.5693	545.2886
1055.5121	13	A	8	975.5264	488.2671
1169.5551	14	N	7	904.4892	452.7485
1266.6078	15	P	6	790.4463	395.7271
1379.6919	16	L	5	693.3936	347.2007
1492.7760	17	I	4	580.3095	290.6587
1655.8393	18	Y	3	467.2254	234.1166
1784.8819	19	E	2	304.1621	152.5850
	20	R	1	175.1195	88.0637

N-term:+29.04

GGGTGSGMGTLLISKIR, MH+ 1660.9420, m/z 554.3189
 L OS G26 P150811 220811-s1.05222.05222.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

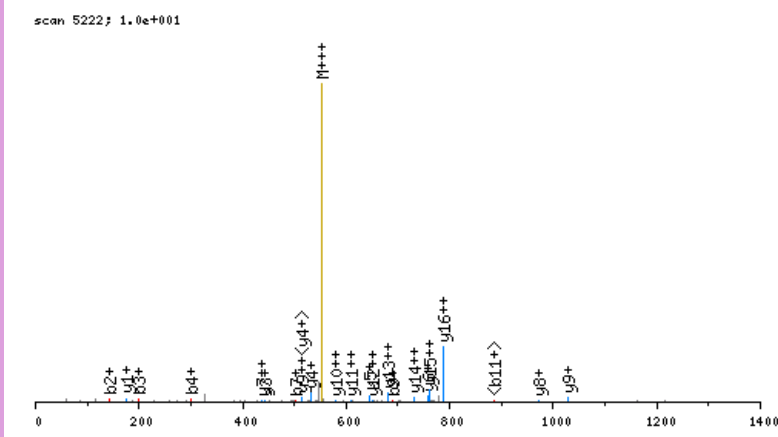
y + 2+ 3+

z + 2+ 3+

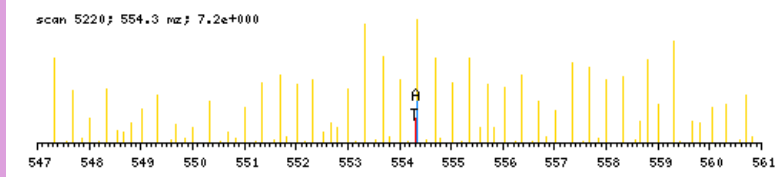
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 17		
143.0820	2	G 16	1575.8893	788.4485
200.1035	3	G 15	1518.8678	759.9378
301.1512	4	T 14	1461.8463	731.4271
358.1726	5	G 13	1360.7987	680.9032
445.2047	6	S 12	1303.7772	652.3925
502.2261	7	G 11	1216.7452	608.8765
633.2666	8	M 10	1159.7237	580.3658
690.2881	9	G 9	1028.6832	514.8455
791.3358	10	T 8	971.6618	486.3348
904.4198	11	L 7	870.6141	435.8110
1017.5039	12	L 6	757.5300	379.2689
1130.5879	13	I 5	644.4460	322.7269
1217.6200	14	S 4	531.3619	266.1849
1373.7463	15	K 3	444.3299	222.6688
1486.8303	16	I 2	288.2036	144.6057
	17	R 1	175.1195	88.0637

N-term:+29.04 K(15):+156.13

GGHGAEYGAELER, MH+ 1444.6821, m/z 482.2322
 L OS G27 P150811 220811-s1.02885.02885.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

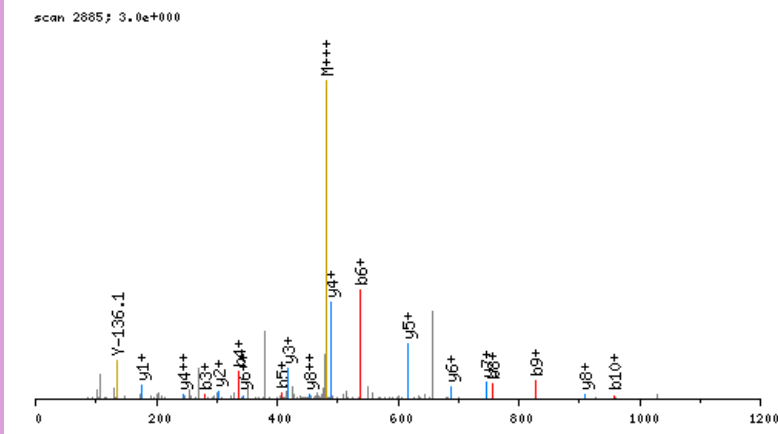
y + 2+ 3+

z + 2+ 3+

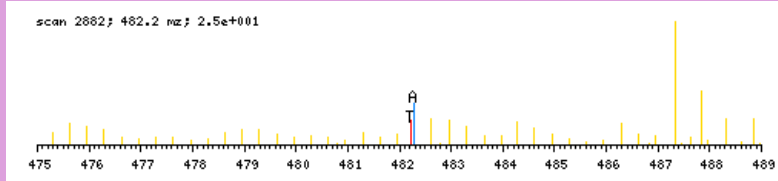
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 14		
143.0820	2	G 13	1359.6293	680.3186
280.1409	3	H 12	1302.6079	651.8078
337.1624	4	G 11	1165.5489	583.2784
408.1995	5	A 10	1108.5275	554.7677
537.2421	6	E 9	1037.4904	519.2491
700.3054	7	Y 8	908.4478	454.7278
757.3269	8	G 7	745.3844	373.1961
828.3640	9	A 6	688.3630	344.6854
957.4066	10	E 5	617.3259	309.1668
1028.4437	11	A 4	488.2833	244.6455
1141.5278	12	L 3	417.2462	209.1270
1270.5704	13	E 2	304.1621	152.5850
	14	R 1	175.1195	88.0637

N-term:+29.04

GGNSSPSAKDIKKILDSVGI EADDR, MH+ 2799.4741, m/z 700.6240
 I_OS_G28_P150811_220811-s1.08842.08842.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

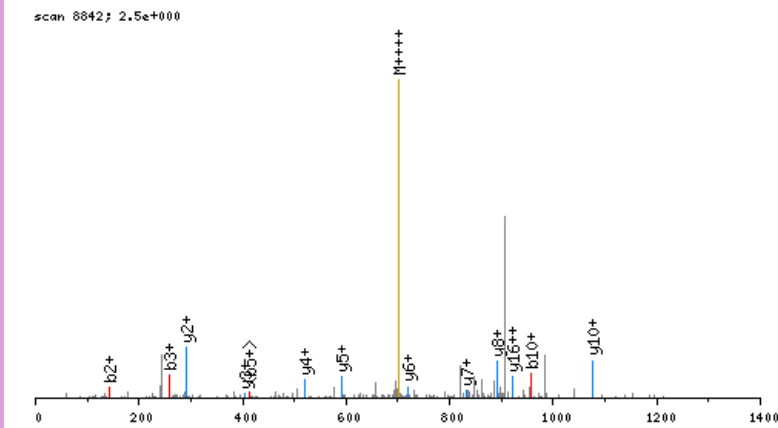
y + 2+ 3+

z + 2+ 3+

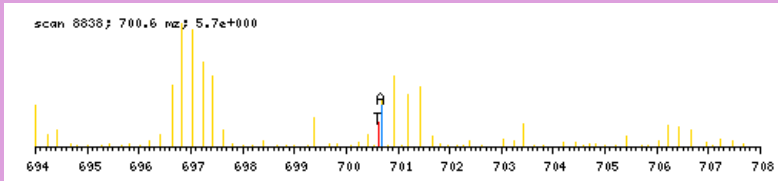
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 26		
143.0820	2	G 25	2714.4213	1357.7146
257.1250	3	N 24	2657.3999	1329.2039
344.1570	4	S 23	2543.3569	1272.1824
431.1890	5	S 22	2456.3249	1228.6664
528.2418	6	P 21	2369.2929	1185.1504
615.2738	7	S 20	2272.2401	1136.6240
686.3109	8	A 19	2185.2081	1093.1080
842.4372	9	K 18	2114.1710	1057.5894
957.4642	10	D 17	1958.0447	979.5263
1070.5482	11	I 16	1843.0177	922.0128
1226.6745	12	K 15	1729.9337	865.4708
1382.8008	13	K 14	1573.8074	787.4076
1495.8849	14	I 13	1417.6811	709.3445
1608.9690	15	L 12	1304.5970	652.8024
1723.9959	16	D 11	1191.5130	596.2604
1811.0279	17	S 10	1076.4860	538.7469
1910.0963	18	V 9	989.4540	495.2309
1967.1178	19	G 8	890.3856	445.6967
2080.2019	20	I 7	833.3641	417.1860
2209.2445	21	E 6	720.2800	360.6439
2280.2816	22	A 5	591.2374	296.1226
2395.3085	23	D 4	520.2003	260.6041
2510.3355	24	D 3	405.1734	203.0906
2625.3624	25	D 2	290.1464	145.5771
	26	R 1	175.1195	88.0637

N-term:+29.04 K(9):+156.13
 K(12):+156.13 K(13):+156.13

GGSFAGSFGGAGGHAPGVAR, MH+ 1744.8519, m/z 582.2888
 L OS G27 P150811 220811-s1.04275.04275.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

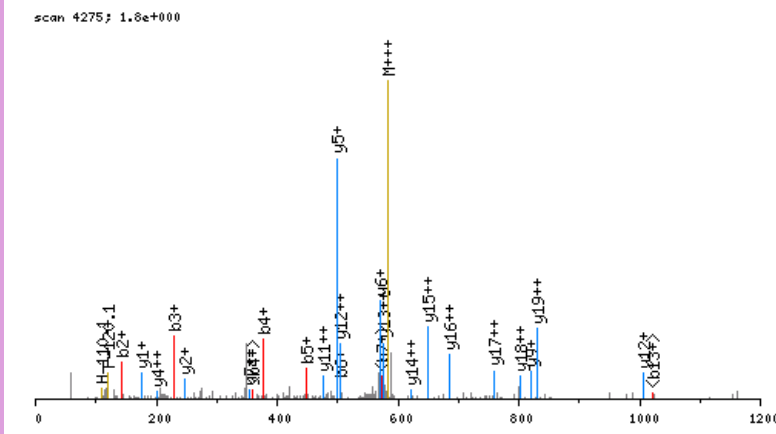
y + 2+ 3+

z + 2+ 3+

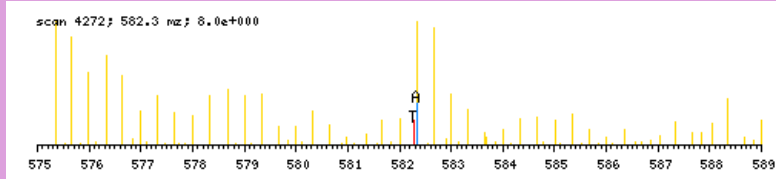
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
86.0606	1	G	20		
143.0820	2	G	19	1659.7992	830.4035
230.1141	3	S	18	1602.7777	801.8928
377.1825	4	F	17	1515.7457	758.3768
448.2196	5	A	16	1368.6773	684.8425
505.2410	6	G	15	1297.6402	649.3240
592.2731	7	S	14	1240.6187	620.8133
739.3415	8	F	13	1153.5867	577.2972
796.3630	9	G	12	1006.5183	503.7630
853.3844	10	G	11	949.4968	475.2523
924.4215	11	A	10	892.4753	446.7416
981.4430	12	G	9	821.4382	411.2230
1038.4645	13	G	8	764.4167	382.7123
1175.5234	14	H	7	707.3953	354.2016
1246.5605	15	A	6	570.3364	285.6721
1343.6132	16	P	5	499.2993	250.1535
1400.6347	17	G	4	402.2465	201.6272
1499.7031	18	V	3	345.2250	173.1164
1570.7402	19	A	2	246.1566	123.5822
	20	R	1	175.1195	88.0637

N-term:+29.04

GGSKSIFGNLVGR, MH+ 1347.7749, m/z 449.9298
 L OS G27 P150811 220811-s1.05565.05565.3.dta

scan 5565; 1.5e+001

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

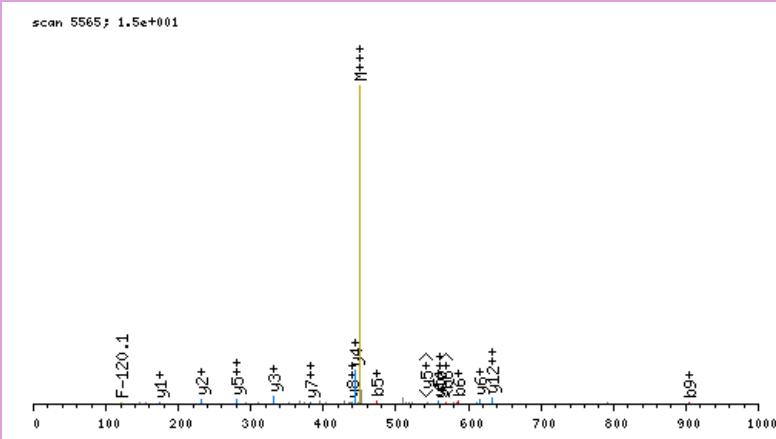
y + 2+ 3+

z + 2+ 3+

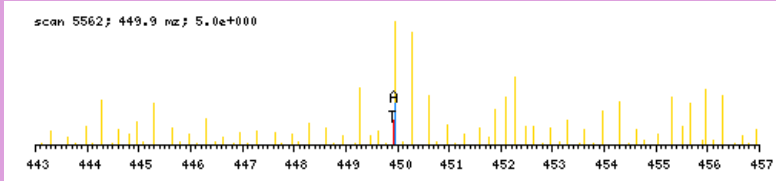
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



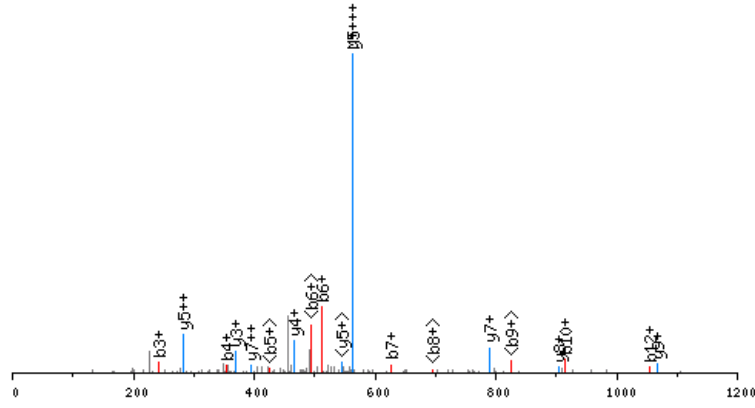
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 13		
143.0820	2	G 12	1262.7221	631.8650
230.1141	3	S 11	1205.7007	603.3542
386.2404	4	K 10	1118.6686	559.8382
473.2724	5	S 9	962.5423	481.7751
586.3564	6	I 8	875.5103	438.2591
733.4249	7	F 7	762.4262	381.7170
790.4463	8	G 6	615.3578	308.1828
904.4893	9	N 5	558.3364	279.6721
1017.5733	10	L 4	444.2934	222.6506
1116.6417	11	V 3	331.2094	166.1086
1173.6632	12	G 2	232.1410	116.5744
	13	R 1	175.1195	88.0637

N-term:+29.04 K(4):+156.13

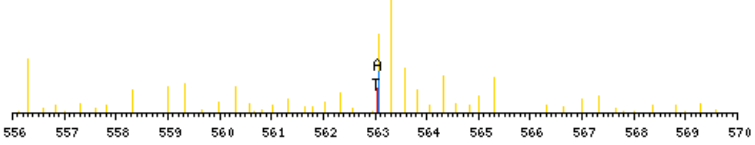
GGVISAISEAAAQYNPEPPPR, MH+ 2249.1566, m/z 563.0446
 L OS G24 P150811 220811-s1.04774.04774.4.dta

scan 4774; 2.5e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 4770; 563.0 nz; 1.5e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 22		
143.0820	2	G 21	2164.1039	1082.5558
242.1504	3	V 20	2107.0824	1054.0451
355.2345	4	I 19	2008.0140	1004.5109
442.2665	5	S 18	1894.9299	947.9689
513.3036	6	A 17	1807.8979	904.4529
626.3877	7	I 16	1736.8608	868.9343
713.4197	8	S 15	1623.7767	812.3923
842.4623	9	E 14	1536.7447	768.8763
913.4994	10	A 13	1407.7021	704.3550
984.5366	11	A 12	1336.6650	668.8364
1055.5737	12	A 11	1265.6279	633.3178
1183.6323	13	Q 10	1194.5907	597.7993
1346.6956	14	Y 9	1066.5322	533.7700
1460.7385	15	N 8	903.4688	452.2383
1557.7913	16	P 7	789.4259	395.2169
1686.8339	17	E 6	692.3731	346.6905
1783.8866	18	P 5	563.3306	282.1692
1880.9394	19	P 4	466.2778	233.6428
1977.9922	20	P 3	369.2250	185.1164
2075.0449	21	P 2	272.1723	136.5900
	22	R 1	175.1195	88.0637

N-term:+29.04

GGYKEPAAPVSIQR, MH+ 1528.8488, m/z 510.2878
 L OS G26 P150811 220811-s1.02906.02906.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

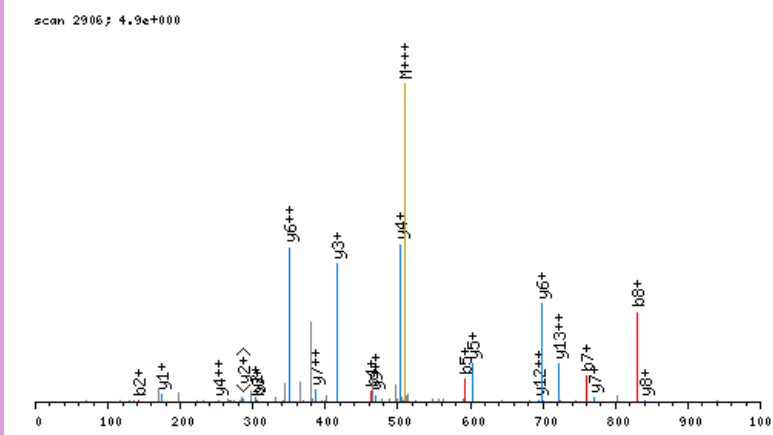
y + 2+ 3+

z + 2+ 3+

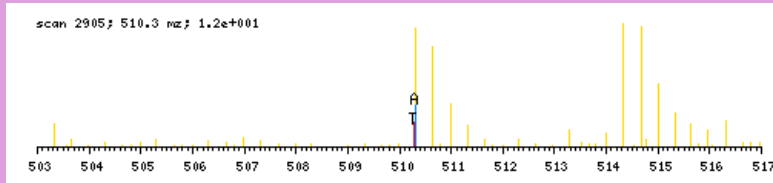
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 14		
143.0820	2	G 13	1443.7960	722.4019
306.1454	3	Y 12	1386.7746	693.8912
462.2717	4	K 11	1223.7112	612.3595
591.3142	5	E 10	1067.5849	534.2964
688.3670	6	P 9	938.5423	469.7751
759.4041	7	A 8	841.4896	421.2487
830.4412	8	A 7	770.4525	385.7301
927.4940	9	P 6	699.4153	350.2116
1026.5624	10	V 5	602.3626	301.6852
1113.5944	11	S 4	503.2942	252.1510
1226.6785	12	I 3	416.2621	208.6350
1354.7371	13	Q 2	303.1781	152.0930
	14	R 1	175.1195	88.0637

N-term:+29.04 K(4):+156.13

GILAADESTGSIAKR, MH+ 1544.8648, m/z 515.6265
 L OS G26 P150811 220811-s1.03049.03049.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

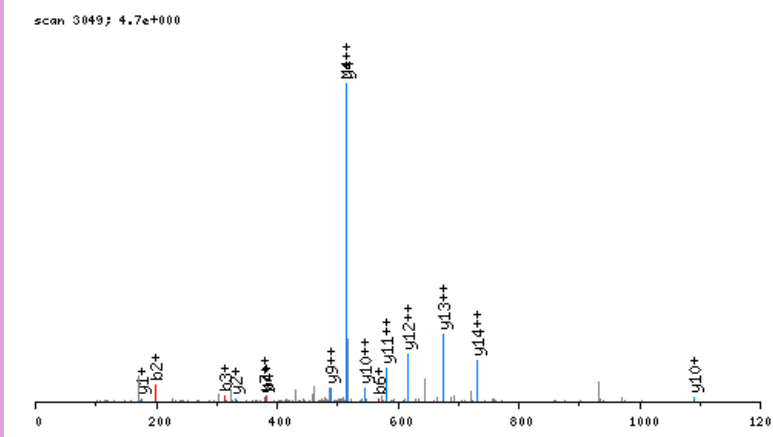
y + 2+ 3+

z + 2+ 3+

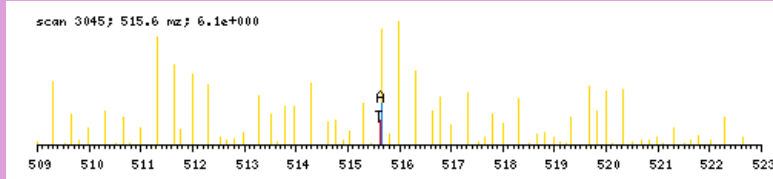
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G	15	
199.1446	2	I	14	1459.8121
312.2287	3	L	13	1346.7280
383.2658	4	A	12	1233.6439
454.3029	5	A	11	1162.6068
569.3299	6	D	10	1091.5697
698.3725	7	E	9	976.5428
785.4045	8	S	8	847.5002
886.4522	9	T	7	760.4681
943.4736	10	G	6	659.4205
1030.5057	11	S	5	602.3990
1143.5897	12	I	4	515.3670
1214.6268	13	A	3	402.2829
1370.7531	14	K	2	331.2458
	15	R	1	175.1195

N-term:+29.04 K(14):+156.13

GIPGYGQTGR, MH+ 1033.5430, m/z 517.2752
 L OS G25 P150811 220811-s1.06131.06131.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

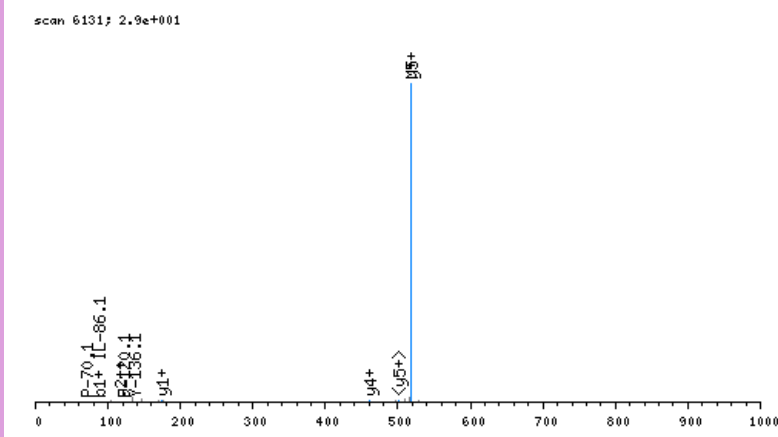
y + 2+ 3+

z + 2+ 3+

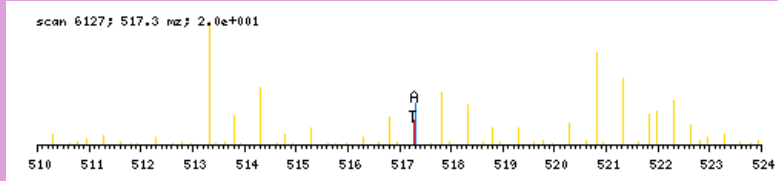
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
86.0606	1	G	10		
199.1446	2	I	9	948.4903	474.7491
296.1974	3	P	8	835.4062	418.2070
353.2189	4	G	7	738.3535	369.6807
516.2822	5	Y	6	681.3320	341.1699
573.3036	6	G	5	518.2687	259.6383
701.3622	7	Q	4	461.2472	231.1275
802.4099	8	T	3	333.1886	167.0982
859.4314	9	G	2	232.1410	116.5744
	10	R	1	175.1195	88.0637

N-term: +29.04

GIQDGYLSLLQDSGEVR, MH+ 1877.9609, m/z 626.6585
 L OS G25 P150811 220811-s1.08079.08079.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

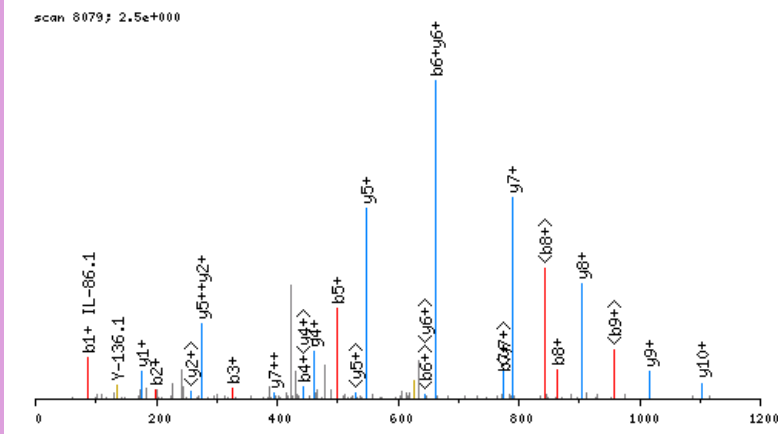
y + 2+ 3+

z + 2+ 3+

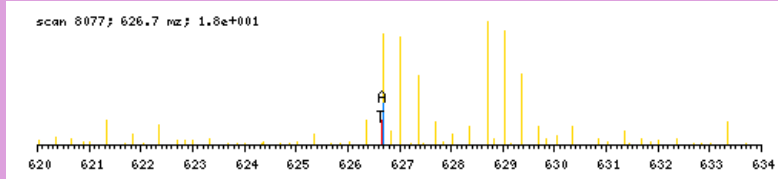
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 17		
199.1446	2	I 16	1792.9081	896.9580
327.2032	3	Q 15	1679.8241	840.4159
442.2301	4	D 14	1551.7655	776.3867
499.2516	5	G 13	1436.7385	718.8732
662.3149	6	Y 12	1379.7171	690.3624
775.3990	7	L 11	1216.6537	608.8308
862.4310	8	S 10	1103.5697	552.2888
975.5151	9	L 9	1016.5376	508.7727
1088.5992	10	L 8	903.4536	452.2307
1216.6577	11	Q 7	790.3695	395.6887
1331.6847	12	D 6	662.3109	331.6594
1418.7167	13	S 5	547.2840	274.1459
1475.7382	14	G 4	460.2520	230.6299
1604.7808	15	E 3	403.2305	202.1192
1703.8492	16	V 2	274.1879	137.5979
	17	R 1	175.1195	88.0637

N-term:+29.04

GISDVVKVTLTPPEEAR, MH+ 1911.1075, m/z 637.7073
 H OS G26 P150811 220811-s1.05752.05752.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

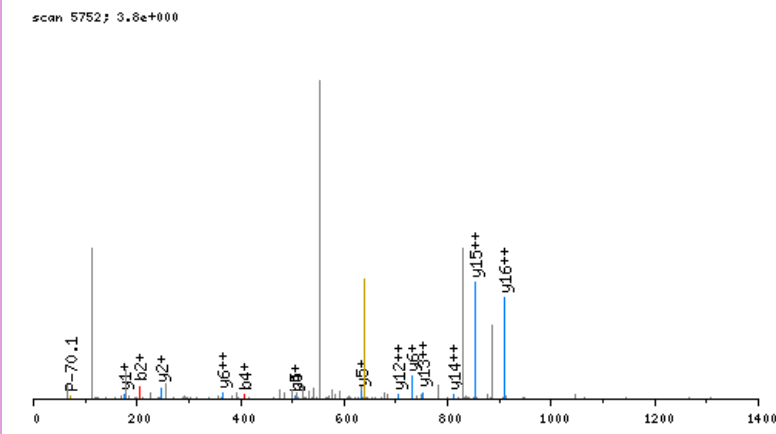
y + 2+ 3+

z + 2+ 3+

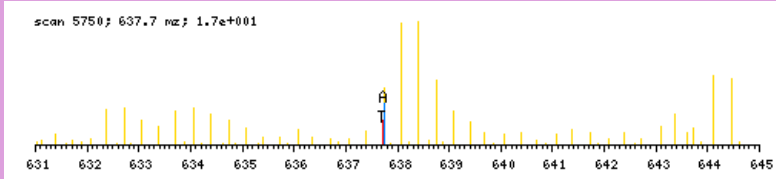
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 17		
205.1764	2	I 16	1820.0230	910.5154
292.2085	3	S 15	1706.9389	853.9734
407.2354	4	D 14	1619.9069	810.4573
506.3038	5	V 13	1504.8799	752.9439
605.3722	6	V 12	1405.8115	703.4097
767.5303	7	K 11	1306.7431	653.8755
866.5987	8	V 10	1144.5850	572.7964
967.6464	9	T 9	1045.5166	523.2622
1080.7305	10	L 8	944.4689	472.7384
1181.7782	11	T 7	831.3848	416.1963
1278.8309	12	P 6	730.3372	365.6725
1407.8735	13	E 5	633.2844	317.1461
1536.9161	14	E 4	504.2418	252.6248
1665.9587	15	E 3	375.1992	188.1035
1736.9958	16	A 2	246.1566	123.5822
	17	R 1	175.1195	88.0637

N-term:+35.07 K(7):+162.16

GIVPDIAVGTRK, MH+ 1281.7895, m/z 427.9347
 L OS G26 P150811 220811-s1.04044.04044.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

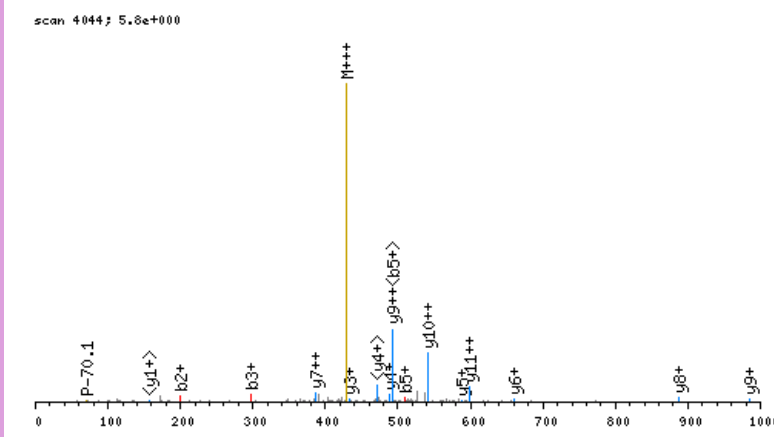
y + 2+ 3+

z + 2+ 3+

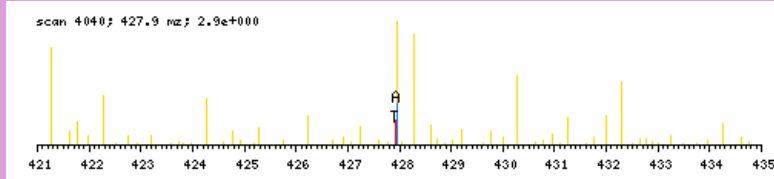
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 12		
199.1446	2	I 11	1196.7367	598.8723
298.2130	3	V 10	1083.6527	542.3302
395.2658	4	P 9	984.5842	492.7960
510.2927	5	D 8	887.5315	444.2697
623.3768	6	I 7	772.5045	386.7562
694.4139	7	A 6	659.4205	330.2141
793.4823	8	V 5	588.3834	294.6956
850.5038	9	G 4	489.3149	245.1614
951.5515	10	T 3	432.2935	216.6507
1107.6778	11	K 2	331.2458	166.1268
	12	R 1	175.1195	88.0637

N-term:+29.04 K(11):+156.13

GIVTSSAGTGTTEDETEAKKR, MH+ 2093.1091, m/z 524.0327
 L OS G28 P150811 220811-s1.02139.02139.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

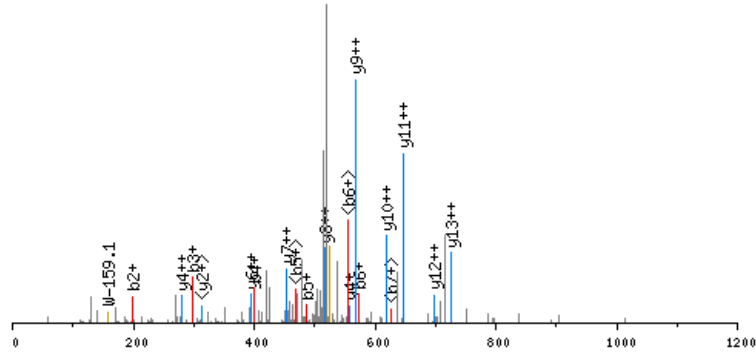
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

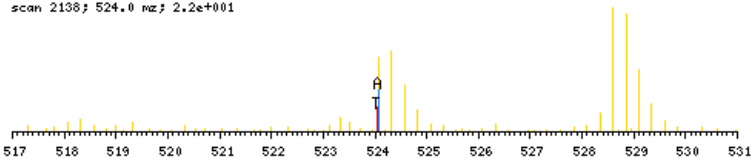
GO

scan 2139; 1.5e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2138; 524.0 nz; 2.2e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
86.0606	1	G	20		
199.1446	2	I	19	2008.0563	1004.5321
298.2130	3	V	18	1894.9722	947.9900
399.2607	4	T	17	1795.9038	898.4558
486.2927	5	S	16	1694.8562	847.9320
573.3248	6	S	15	1607.8241	804.4160
644.3619	7	A	14	1520.7921	760.9000
701.3834	8	G	13	1449.7550	725.3814
802.4310	9	T	12	1392.7335	696.8707
859.4525	10	G	11	1291.6858	646.3468
960.5002	11	T	10	1234.6644	617.8361
1061.5479	12	T	9	1133.6167	567.3123
1190.5904	13	E	8	1032.5690	516.7884
1305.6174	14	D	7	903.5264	452.2671
1406.6651	15	T	6	788.4995	394.7537
1535.7077	16	E	5	687.4518	344.2298
1606.7448	17	A	4	558.4092	279.7085
1762.8711	18	K	3	487.3721	244.1900
1918.9974	19	K	2	331.2458	166.1268
	20	R	1	175.1195	88.0637

N-term: +29.04 K(18): +156.13
 K(19): +156.13

GIYPAVDPLDSTSR, MH+ 1518.7804, m/z 506.9316
 L OS G24 P150811 220811-s1.03979.03979.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

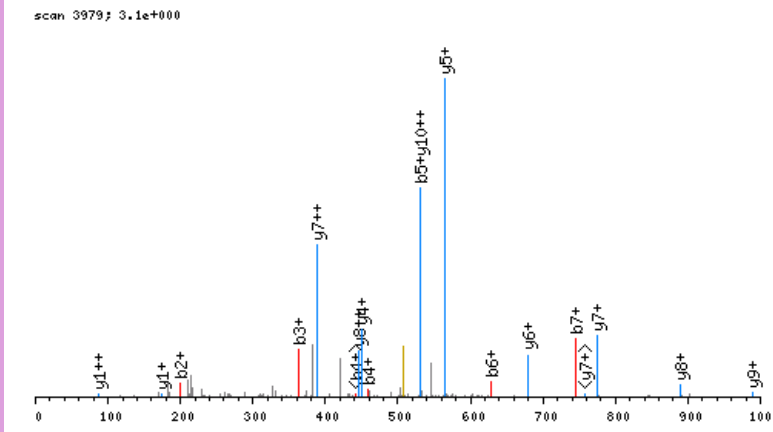
y + 2+ 3+

z + 2+ 3+

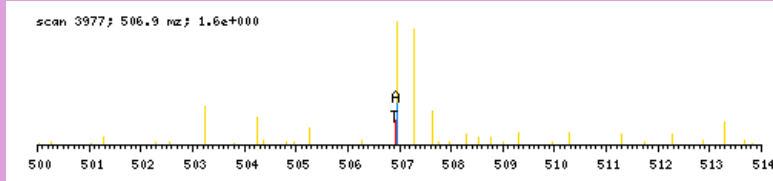
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 14		
199.1446	2	I 13	1433.7276	717.3677
362.2080	3	Y 12	1320.6436	660.8257
459.2607	4	P 11	1157.5802	579.2940
530.2978	5	A 10	1060.5275	530.7677
629.3662	6	V 9	989.4904	495.2491
744.3932	7	D 8	890.4220	445.7149
841.4460	8	P 7	775.3950	388.2014
954.5300	9	L 6	678.3422	339.6750
1069.5570	10	D 5	565.2582	283.1330
1156.5890	11	S 4	450.2312	225.6195
1257.6367	12	T 3	363.1992	182.1035
1344.6687	13	S 2	262.1515	131.5797
	14	R 1	175.1195	88.0637

N-term:+29.04

GKDYQTGLAR, MH+ 1452.8487, m/z 484.9544
 H OS G27 P150811 220811-s1.04866.04866.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

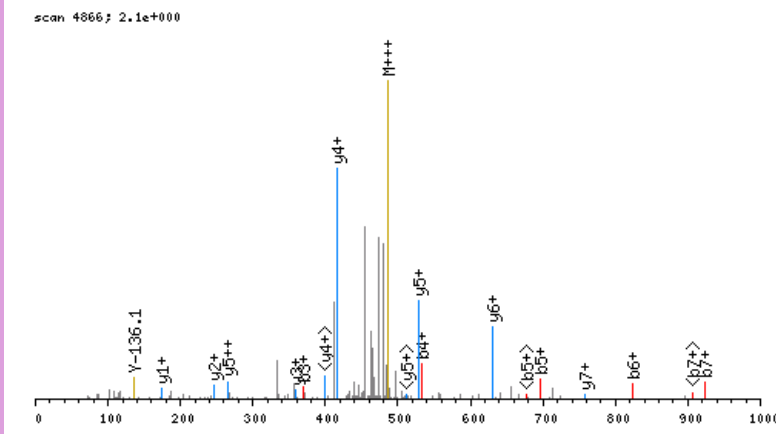
y + 2+ 3+

z + 2+ 3+

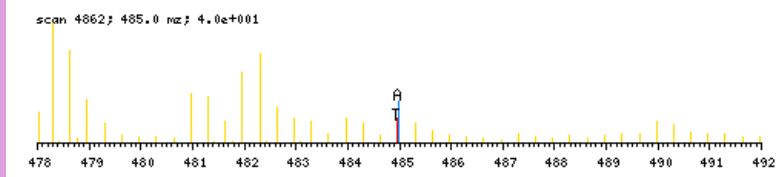
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 12		
254.2505	2	K 11	1361.7642	681.3860
369.2774	3	D 10	1199.6061	600.3069
532.3407	4	Y 9	1084.5791	542.7935
695.4041	5	Y 8	921.5158	461.2618
823.4626	6	Q 7	758.4525	379.7301
924.5103	7	T 6	630.3939	315.7009
1037.5944	8	L 5	529.3462	265.1770
1094.6158	9	G 4	416.2621	208.6350
1207.6999	10	L 3	359.2407	180.1243
1278.7370	11	A 2	246.1566	123.5822
	12	R 1	175.1195	88.0637

N-term:+35.07 K(2):+162.16

GKIETIEVMEDR, MH+ 1487.8416, m/z 496.6187
 H OS G27 P150811 220811-s1.04583.04583.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

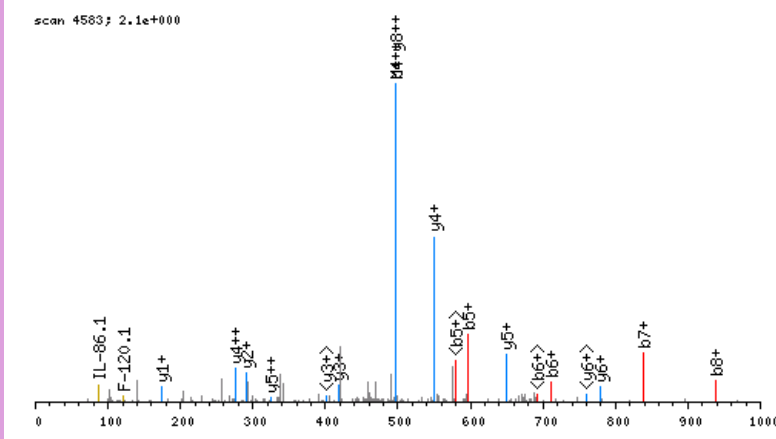
y + 2+ 3+

z + 2+ 3+

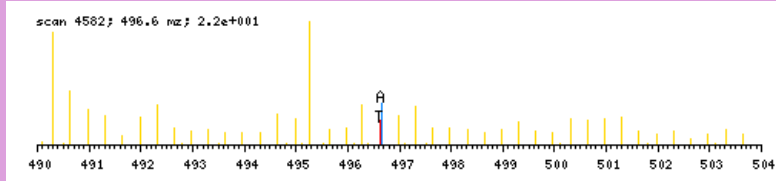
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 12		
254.2505	2	K 11	1396.7570	698.8824
367.3345	3	I 10	1234.5989	617.8034
496.3771	4	E 9	1121.5149	561.2613
597.4248	5	T 8	992.4723	496.7400
710.5089	6	I 7	891.4246	446.2162
839.5515	7	E 6	778.3405	389.6742
938.6199	8	V 5	649.2979	325.1529
1069.6604	9	M 4	550.2295	275.6187
1198.7029	10	E 3	419.1890	210.0984
1313.7299	11	D 2	290.1464	145.5771
	12	R 1	175.1195	88.0637

N-term:+35.07 K(2):+162.16

GKVNSDEVGGEALGR, MH+ 1543.8080, m/z 515.2742
 L OS G27 P150811 220811-s1.02733.02733.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

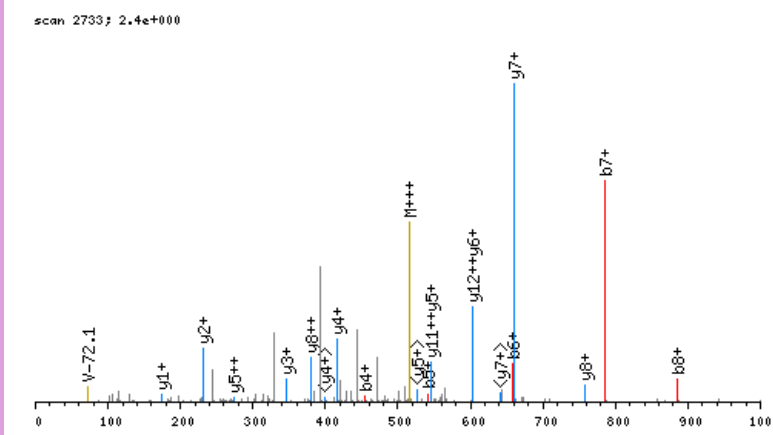
y + 2+ 3+

z + 2+ 3+

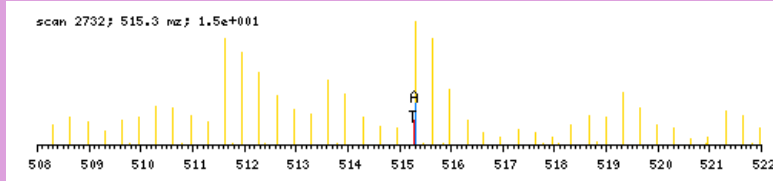
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



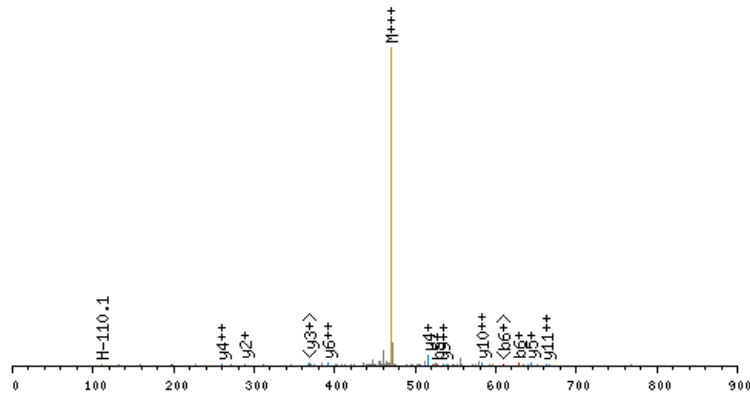
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 15		
242.1869	2	K 14	1458.7553	729.8816
341.2553	3	V 13	1302.6290	651.8184
455.2982	4	N 12	1203.5606	602.2842
542.3302	5	S 11	1089.5176	545.2627
657.3572	6	D 10	1002.4856	501.7467
786.3998	7	E 9	887.4587	444.2332
885.4682	8	V 8	758.4161	379.7120
942.4896	9	G 7	659.3477	330.1777
999.5111	10	G 6	602.3262	301.6670
1128.5537	11	E 5	545.3047	273.1563
1199.5908	12	A 4	416.2621	208.6350
1312.6749	13	L 3	345.2250	173.1164
1369.6963	14	G 2	232.1410	116.5744
	15	R 1	175.1195	88.0637

N-term:+29.04 K(2):+156.13

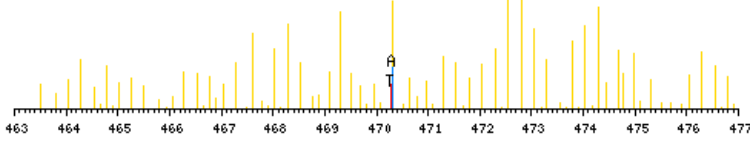
GKVVSTHEQVLR, MH+ 1408.8276, m/z 470.2807
 L OS G28 P150811 220811-s1.02012.02012.3.dta

scan 2012; 6.5e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2008; 470.3 m/z; 2.5e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

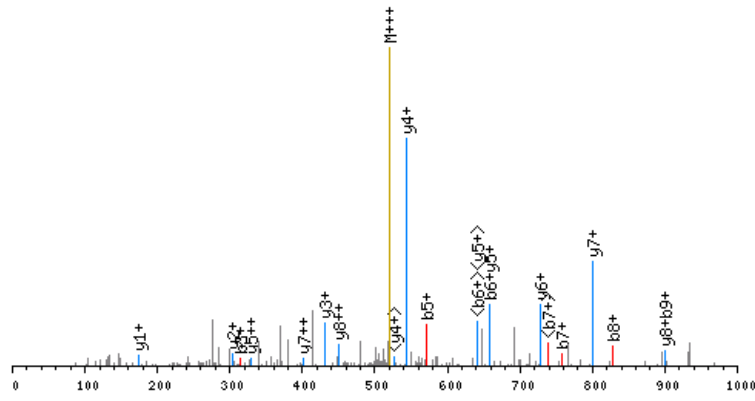
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
86.0606	1	G	12		
242.1869	2	K	11	1323.7749	662.3914
341.2553	3	V	10	1167.6486	584.3282
440.3237	4	V	9	1068.5802	534.7940
527.3557	5	S	8	969.5118	485.2598
628.4034	6	T	7	882.4797	441.7438
765.4623	7	H	6	781.4321	391.2199
894.5049	8	E	5	644.3731	322.6905
1022.5635	9	Q	4	515.3306	258.1692
1121.6319	10	V	3	387.2720	194.1399
1234.7160	11	L	2	288.2036	144.6057
	12	R	1	175.1195	88.0637

N-term:+29.04 K(2):+156.13

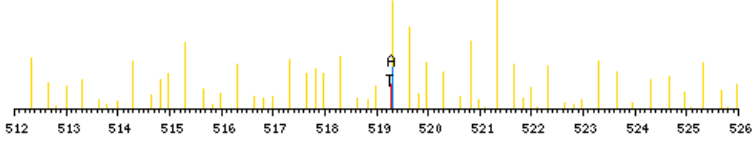
GLDPCSVAAAILQQR, MH+ 1555.8266, m/z 519.2804
 L OS G25 P150811 220811-s1.08021.08021.3.dta

scan 8021; 1.6e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 8017; 519.3 m/z; 2.9e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 14		
199.1446	2	L 13	1470.7738	735.8908
314.1716	3	D 12	1357.6898	679.3488
411.2243	4	P 11	1242.6628	621.8353
571.2549	5	C 10	1145.6101	573.3089
658.2870	6	S 9	985.5795	493.2936
757.3554	7	V 8	898.5474	449.7776
828.3925	8	A 7	799.4790	400.2434
899.4296	9	A 6	728.4419	364.7249
1012.5137	10	I 5	657.4048	329.2063
1125.5977	11	L 4	544.3207	272.6643
1253.6563	12	Q 3	431.2367	216.1222
1381.7149	13	Q 2	303.1781	152.0930
	14	R 1	175.1195	88.0637

N-term:+29.04 C(5):+160.03

GLGPMNIPLISDPKR, MH+ 1663.9569, m/z 555.3238
 L OS G26 P150811 220811-s1.06226.06226.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

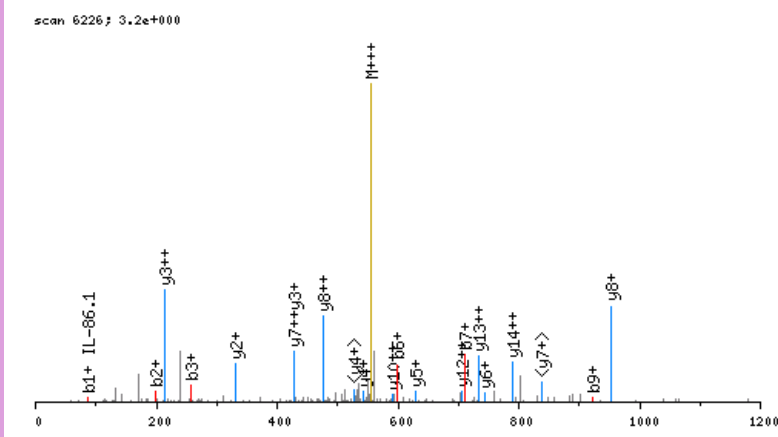
y + 2+ 3+

z + 2+ 3+

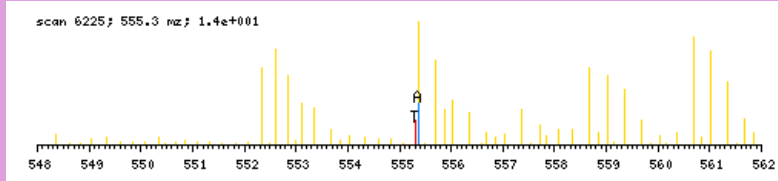
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 15		
199.1446	2	L 14	1578.9042	789.9560
256.1661	3	G 13	1465.8201	733.4140
353.2189	4	P 12	1408.7987	704.9032
484.2593	5	M 11	1311.7459	656.3769
598.3023	6	N 10	1180.7054	590.8566
711.3863	7	I 9	1066.6625	533.8352
808.4391	8	P 8	953.5784	477.2931
921.5232	9	L 7	856.5257	428.7667
1034.6072	10	I 6	743.4416	372.2247
1121.6393	11	S 5	630.3575	315.6827
1236.6662	12	D 4	543.3255	272.1667
1333.7190	13	P 3	428.2986	214.6532
1489.8453	14	K 2	331.2458	166.1268
	15	R 1	175.1195	88.0637

N-term:+29.04 K(14):+156.13

GLKPPEGAAAEGEPPSR, MH+ 1847.9503, m/z 616.6550
 L OS G26 P150811 220811-s1.02541.02541.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

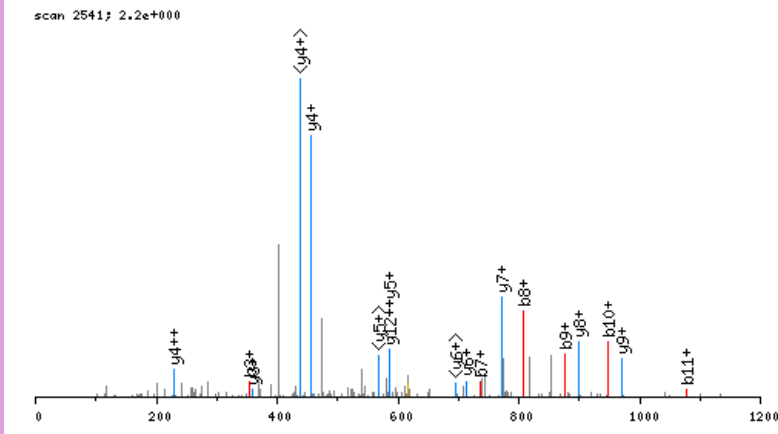
y + 2+ 3+

z + 2+ 3+

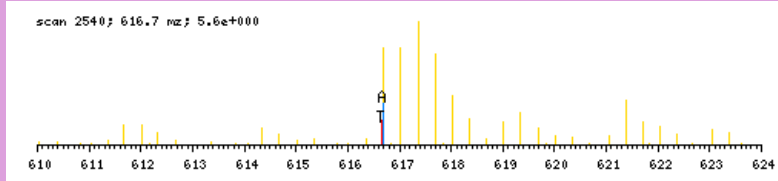
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 18		
199.1446	2	L 17	1762.8976	881.9527
355.2709	3	K 16	1649.8135	825.4107
452.3237	4	P 15	1493.6872	747.3475
549.3765	5	P 14	1396.6345	698.8211
678.4190	6	E 13	1299.5817	650.2948
735.4405	7	G 12	1170.5391	585.7735
806.4776	8	A 11	1113.5176	557.2627
877.5147	9	A 10	1042.4805	521.7442
948.5519	10	A 9	971.4434	486.2256
1077.5944	11	E 8	900.4063	450.7071
1134.6159	12	G 7	771.3637	386.1858
1263.6585	13	E 6	714.3422	357.6750
1392.7011	14	E 5	585.2997	293.1537
1489.7539	15	P 4	456.2571	228.6324
1586.8066	16	P 3	359.2043	180.1061
1673.8387	17	S 2	262.1515	131.5797
	18	R 1	175.1195	88.0637

N-term:+29.04 K(3):+156.13

GLLSQGSPLSWEETQR, MH+ 1815.9241, m/z 605.9795
 L OS G25 P150811 220811-s1.07178.07178.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

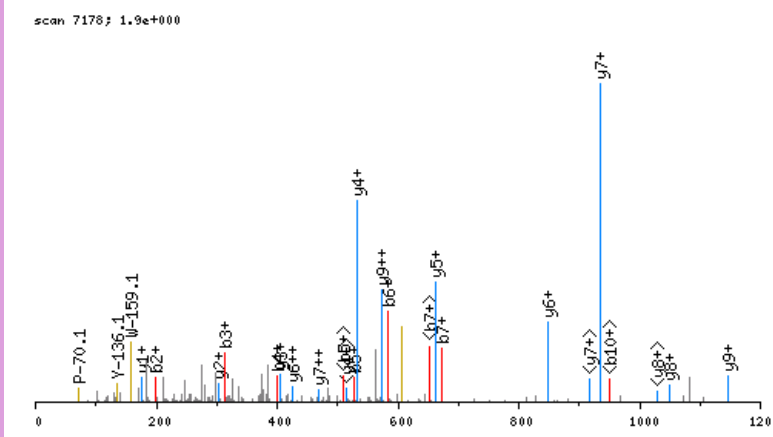
y + 2+ 3+

z + 2+ 3+

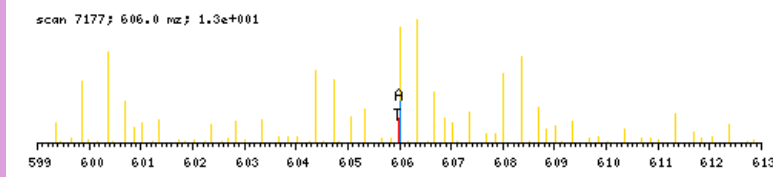
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 16		
199.1446	2	L 15	1730.8713	865.9396
312.2287	3	L 14	1617.7873	809.3975
399.2607	4	S 13	1504.7032	752.8555
527.3193	5	Q 12	1417.6712	709.3395
584.3408	6	G 11	1289.6126	645.3102
671.3728	7	S 10	1232.5911	616.7995
768.4256	8	P 9	1145.5591	573.2835
881.5096	9	L 8	1048.5063	524.7571
968.5416	10	S 7	935.4223	468.2151
1154.6210	11	W 6	848.3903	424.6990
1283.6636	12	E 5	662.3109	331.6594
1412.7061	13	E 4	533.2683	267.1381
1513.7538	14	T 3	404.2258	202.6168
1641.8124	15	Q 2	303.1781	152.0930
	16	R 1	175.1195	88.0637

N-term:+29.04

GLPKGPEGQGLPEVETR, MH+ 1819.9918, m/z 607.3355
 L OS G26 P150811 220811-s1.03919.03919.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

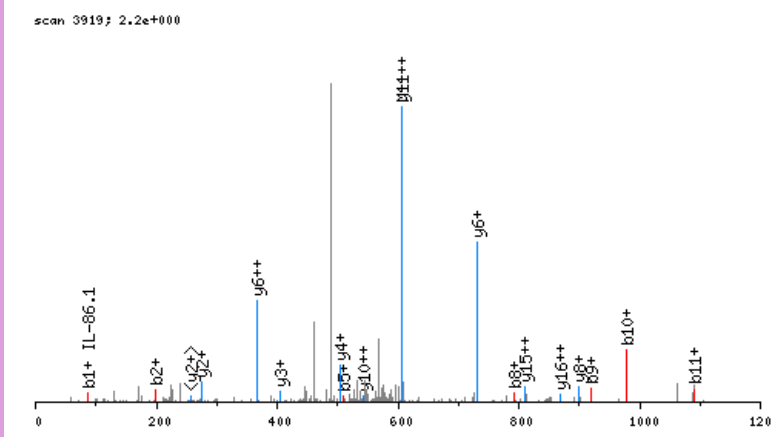
y + 2+ 3+

z + 2+ 3+

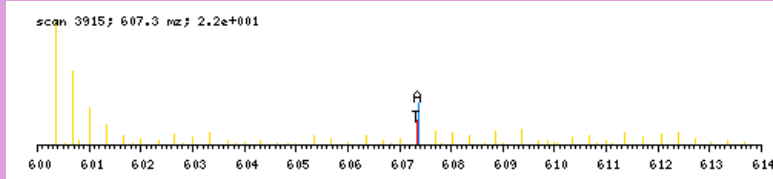
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
86.0606	1	G	17		
199.1446	2	L	16	1734.9391	867.9734
296.1974	3	P	15	1621.8550	811.4314
452.3237	4	K	14	1524.8022	762.9050
509.3452	5	G	13	1368.6759	684.8419
606.3979	6	P	12	1311.6545	656.3311
735.4405	7	E	11	1214.6017	607.8048
792.4620	8	G	10	1085.5591	543.2835
920.5206	9	Q	9	1028.5376	514.7727
977.5420	10	G	8	900.4791	450.7434
1090.6261	11	L	7	843.4576	422.2327
1187.6788	12	P	6	730.3735	365.6907
1316.7214	13	E	5	633.3208	317.1643
1415.7899	14	V	4	504.2782	252.6430
1544.8324	15	E	3	405.2098	203.1088
1645.8801	16	T	2	276.1672	138.5875
	17	R	1	175.1195	88.0637

N-term:+29.04 K(4):+156.13

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

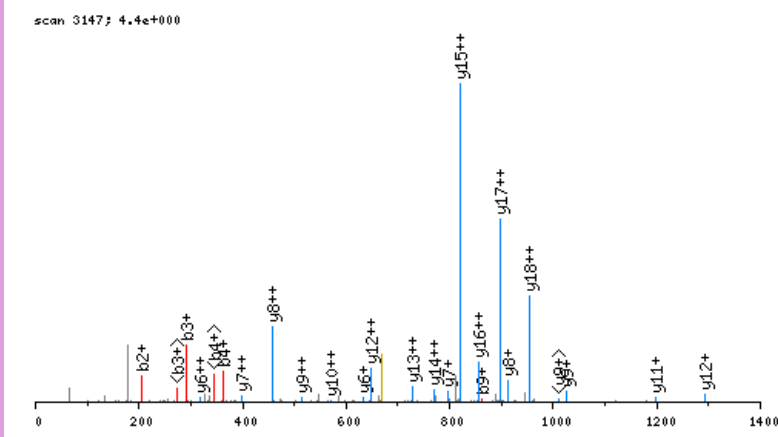
y + 2+ 3+

z + 2+ 3+

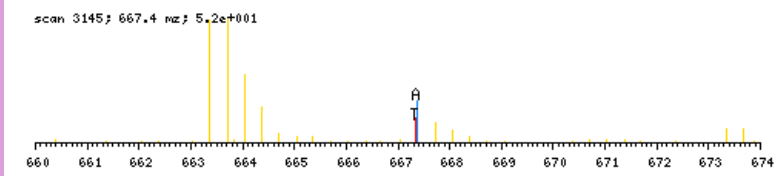
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
92.0924	1	G	19		
205.1764	2	L	18	1908.9549	954.9814
292.2085	3	S	17	1795.8708	898.4393
363.2456	4	A	16	1708.8388	854.9233
460.2983	5	P	15	1637.8017	819.4048
547.3304	6	S	14	1540.7489	770.8784
707.3610	7	C	13	1453.7169	727.3624
804.4137	8	P	12	1293.6863	647.3471
861.4352	9	G	11	1196.6335	598.8207
974.5193	10	L	10	1139.6121	570.3100
1089.5462	11	D	9	1026.5280	513.7679
1204.5731	12	D	8	911.5011	456.2544
1366.7312	13	K	7	796.4741	398.7410
1467.7789	14	T	6	634.3160	317.6619
1596.8215	15	E	5	533.2683	267.1381
1667.8586	16	A	4	404.2258	202.6168
1754.8907	17	S	3	333.1886	167.0982
1825.9278	18	A	2	246.1566	123.5822
	19	R	1	175.1195	88.0637

N-term:+35.07 C(7):+160.03
K(13):+162.16

GLTLDPEADSEYLSR, MH+ 1699.8602, m/z 567.2916
 H OS G24 P150811 220811-s1.04321.04321.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

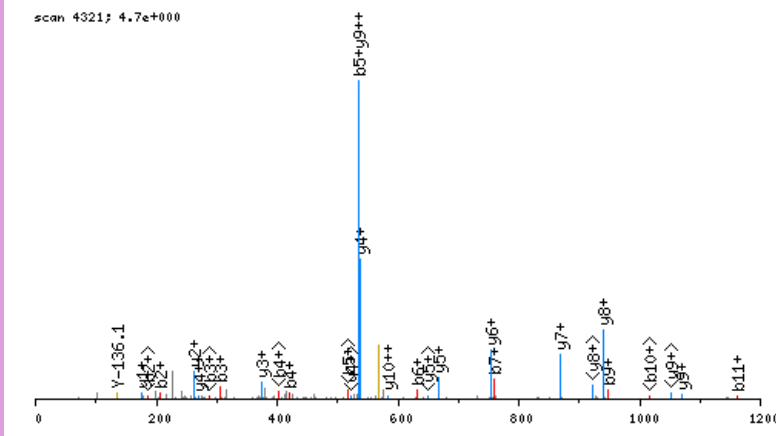
y + 2+ 3+

z + 2+ 3+

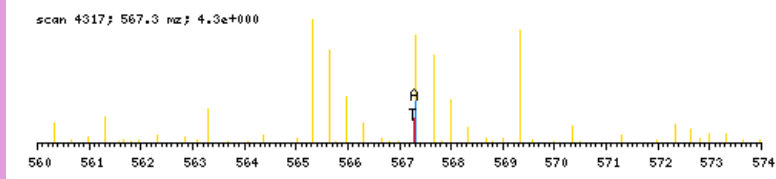
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 15		
205.1764	2	L 14	1608.7757	804.8918
306.2241	3	T 13	1495.6916	748.3497
419.3082	4	L 12	1394.6440	697.8259
534.3351	5	D 11	1281.5599	641.2839
631.3879	6	P 10	1166.5330	583.7704
760.4305	7	E 9	1069.4802	535.2440
831.4676	8	A 8	940.4376	470.7227
946.4945	9	D 7	869.4005	435.2042
1033.5266	10	S 6	754.3735	377.6907
1162.5691	11	E 5	667.3415	334.1747
1325.6325	12	Y 4	538.2989	269.6534
1438.7165	13	L 3	375.2356	188.1217
1525.7486	14	S 2	262.1515	131.5797
	15	R 1	175.1195	88.0637

N-term:+35.07

GLTPDLPKSASQER, MH+ 1566.9128, m/z 522.9758
 H OS G26 P150811 220811-s1.02984.02984.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

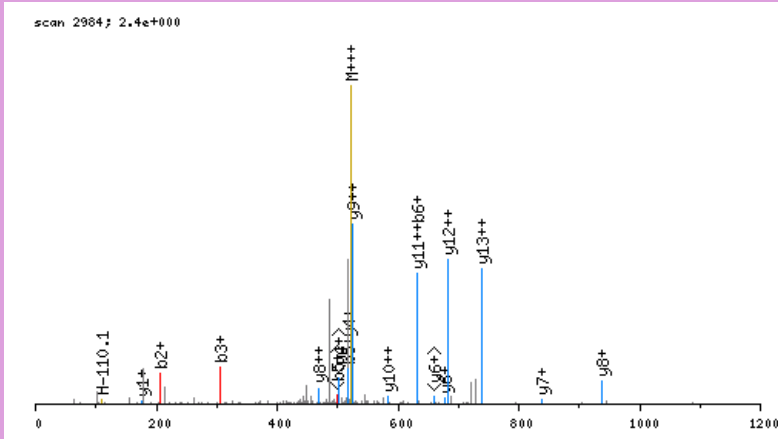
y + 2+ 3+

z + 2+ 3+

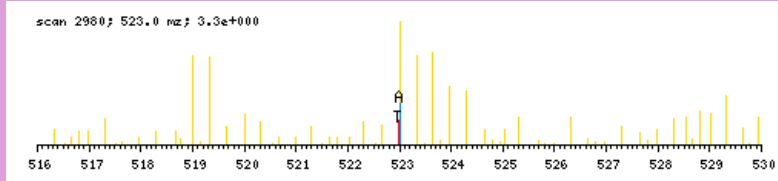
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



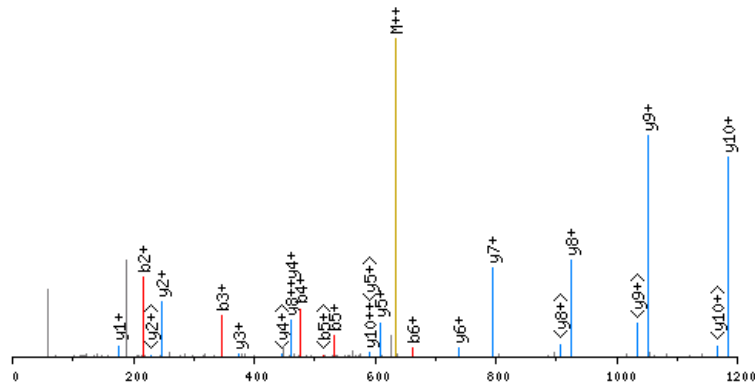
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 14		
205.1764	2	L 13	1475.8282	738.4180
306.2241	3	T 12	1362.7442	681.8760
403.2769	4	P 11	1261.6965	631.3522
518.3038	5	D 10	1164.6437	582.8258
631.3879	6	L 9	1049.6168	525.3123
728.4406	7	P 8	936.5327	468.7703
890.5987	8	K 7	839.4799	420.2439
977.6308	9	S 6	677.3218	339.1648
1048.6679	10	A 5	590.2898	295.6488
1135.6999	11	S 4	519.2527	260.1303
1263.7585	12	Q 3	432.2207	216.6142
1392.8011	13	E 2	304.1621	152.5850
	14	R 1	175.1195	88.0637

N-term:+35.07 K(8):+162.16

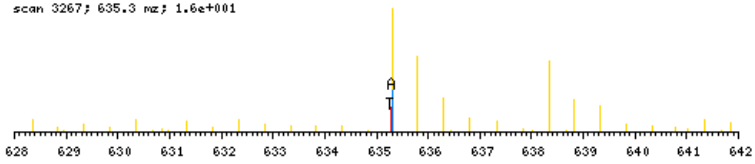
GMEEGEFSEAR, MH+ 1269.5421, m/z 635.2747
 L OS G25 P150811 220811-s1.03270.03270.2.dta

scan 3270; 2.5e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 3267; 635.3 m/z; 1.6e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G	11	
217.1010	2	M	10	1184.4894 592.7486
346.1436	3	E	9	1053.4489 527.2284
475.1862	4	E	8	924.4063 462.7071
532.2077	5	G	7	795.3637 398.1858
661.2503	6	E	6	738.3422 369.6750
808.3187	7	F	5	609.2997 305.1537
895.3507	8	S	4	462.2312 231.6195
1024.3933	9	E	3	375.1992 188.1035
1095.4304	10	A	2	246.1566 123.5822
	11	R	1	175.1195 88.0637

N-term:+29.04

GMESAGIHETTYNSIMKCDIDIR, MH+ 2697.2686, m/z 675.0726
 L OS G27 P150811 220811-s1.06226.06226.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

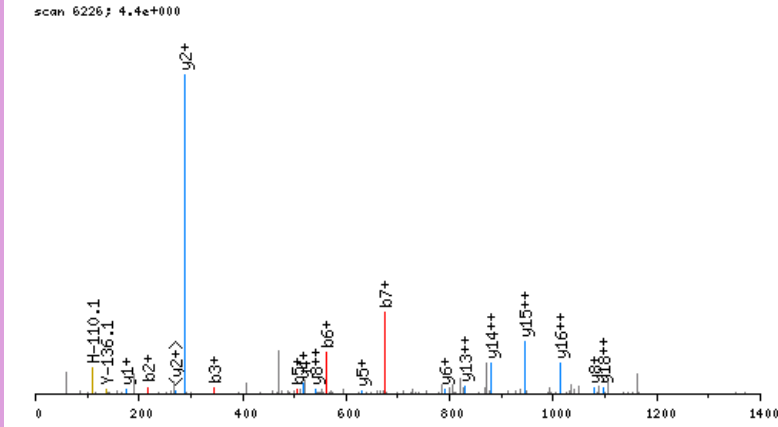
y + 2+ 3+

z + 2+ 3+

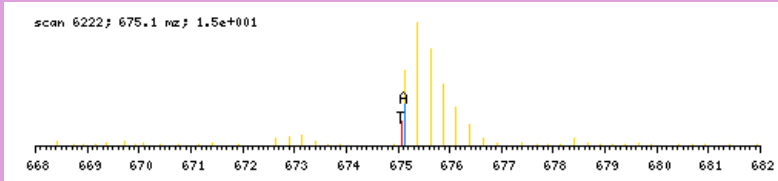
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 23		
217.1010	2	M 22	2612.2159	1306.6118
346.1436	3	E 21	2481.1754	1241.0916
433.1757	4	S 20	2352.1328	1176.5703
504.2128	5	A 19	2265.1008	1133.0543
561.2342	6	G 18	2194.0636	1097.5357
674.3183	7	I 17	2137.0422	1069.0250
811.3772	8	H 16	2023.9581	1012.4830
940.4198	9	E 15	1886.8992	943.9535
1041.4675	10	T 14	1757.8566	879.4322
1142.5152	11	T 13	1656.8089	828.9084
1305.5785	12	Y 12	1555.7612	778.3845
1419.6214	13	N 11	1392.6979	696.8529
1506.6535	14	S 10	1278.6550	639.8314
1619.7375	15	I 9	1191.6230	596.3154
1750.7780	16	M 8	1078.5389	539.7734
1906.9043	17	K 7	947.4984	474.2531
2066.9349	18	C 6	791.3721	396.1900
2181.9618	19	D 5	631.3415	316.1747
2295.0459	20	I 4	516.3146	258.6612
2410.0729	21	D 3	403.2305	202.1192
2523.1569	22	I 2	288.2036	144.6057
	23	R 1	175.1195	88.0637

N-term:+29.04 K(17):+156.13
 C(18):+160.03

GMGQKDSYVGDEAQSQR, MH+ 1958.0502, m/z 490.2680
 H OS G28 P150811 220811-s1.02154.02154.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

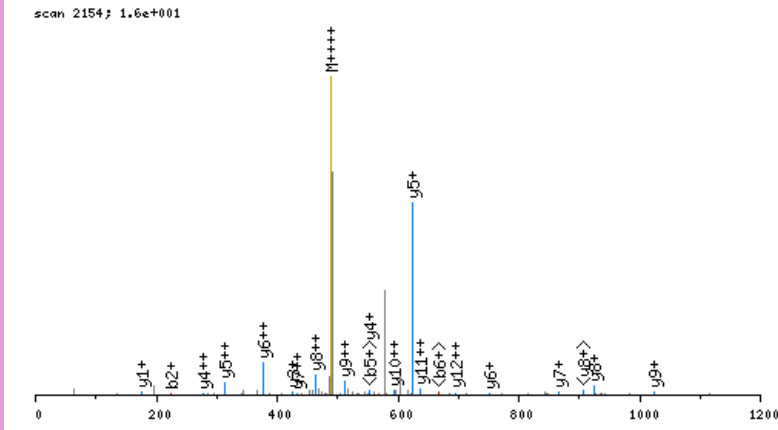
y + 2+ 3+

z + 2+ 3+

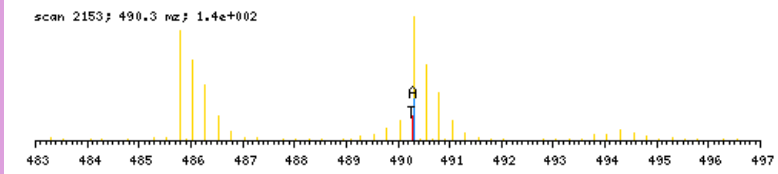
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G	17	
223.1328	2	M	16	1866.9657
280.1543	3	G	15	1735.9252
408.2129	4	Q	14	1678.9037
570.3710	5	K	13	1550.8451
685.3979	6	D	12	1388.6870
772.4300	7	S	11	1273.6601
935.4933	8	Y	10	1186.6281
1034.5617	9	V	9	1023.5647
1091.5832	10	G	8	924.4963
1206.6101	11	D	7	867.4749
1335.6527	12	E	6	752.4479
1406.6898	13	A	5	623.4053
1534.7484	14	Q	4	552.3682
1621.7804	15	S	3	424.3096
1783.9385	16	K	2	337.2776
	17	R	1	175.1195

N-term:+35.07 K(5):+162.16
 K(16):+162.16

GPAGAGESKCLPMVKVLDVR, MH+ 2239.2307, m/z 560.5631
 L OS G27 P150811 220811-s1.07089.07089.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

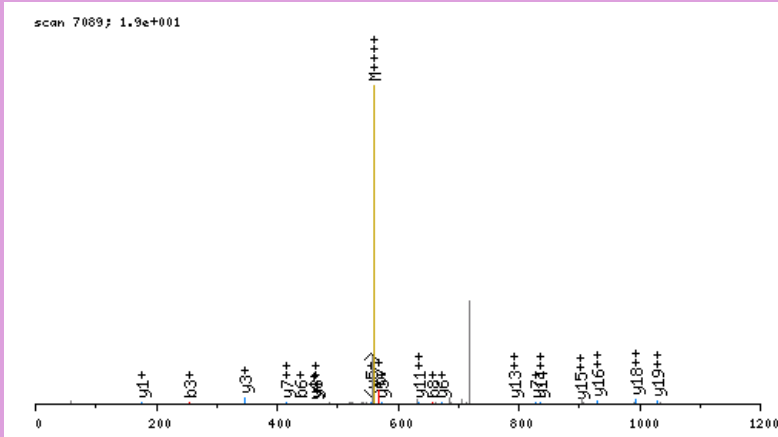
y + 2+ 3+

z + 2+ 3+

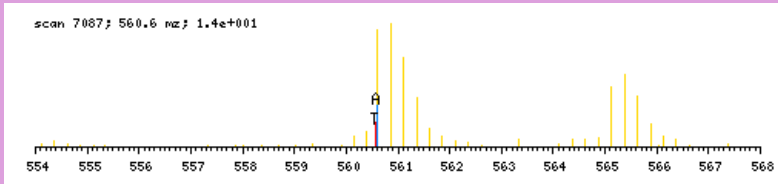
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
86.0606	1	G	21		
183.1133	2	P	20	2154.1779	1077.5929
254.1504	3	A	19	2057.1252	1029.0665
311.1719	4	G	18	1986.0880	993.5479
382.2090	5	A	17	1929.0666	965.0372
439.2305	6	G	16	1858.0295	929.5186
568.2731	7	E	15	1801.0080	901.0079
655.3051	8	S	14	1671.9654	836.4866
811.4314	9	K	13	1584.9334	792.9706
971.4620	10	C	12	1428.8071	714.9075
1068.5148	11	P	11	1268.7765	634.8922
1181.5988	12	L	10	1171.7237	586.3658
1312.6393	13	M	9	1058.6396	529.8237
1411.7077	14	V	8	927.5992	464.3035
1567.8340	15	K	7	828.5307	414.7693
1666.9024	16	V	6	672.4044	336.7061
1779.9865	17	L	5	573.3360	287.1719
1895.0135	18	D	4	460.2520	230.6299
1966.0506	19	A	3	345.2250	173.1164
2065.1190	20	V	2	274.1879	137.5979
	21	R	1	175.1195	88.0637

N-term:+29.04 K(9):+156.13
 C(10):+160.03 K(15):+156.13

GPAGSVGPVGVAVGPR, MH+ 1305.7279, m/z 653.3676
 L OS G29 P150811 220811-s1.03828.03828.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

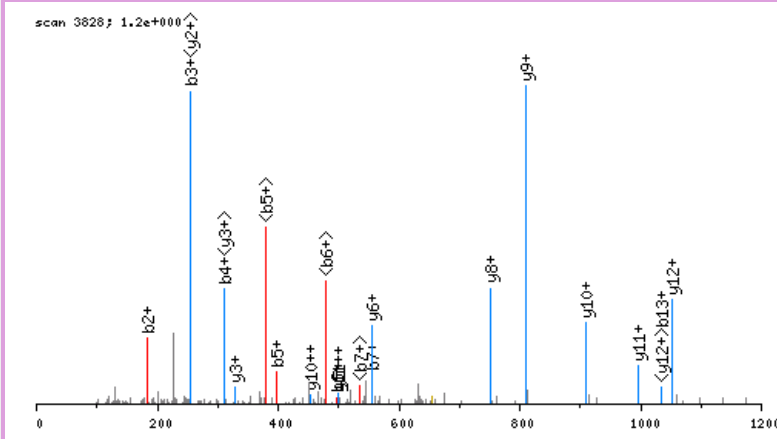
y + 2+ 3+

z + 2+ 3+

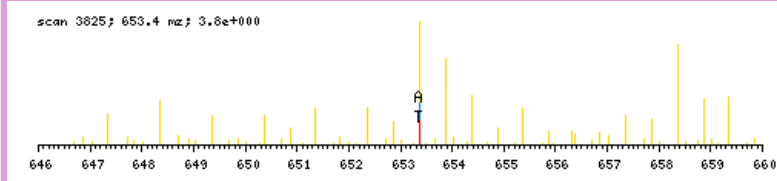
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 15		
183.1133	2	P 14	1220.6751	610.8415
254.1504	3	A 13	1123.6224	562.3151
311.1719	4	G 12	1052.5853	526.7965
398.2039	5	S 11	995.5638	498.2858
497.2723	6	V 10	908.5318	454.7698
554.2938	7	G 9	809.4634	405.2356
651.3466	8	P 8	752.4419	376.7249
750.4150	9	V 7	655.3891	328.1985
807.4365	10	G 6	556.3207	278.6643
878.4736	11	A 5	499.2993	250.1535
977.5420	12	V 4	428.2621	214.6350
1034.5634	13	G 3	329.1937	165.1008
1131.6162	14	P 2	272.1723	136.5900
	15	R 1	175.1195	88.0637

N-term:+29.04

GPIGPPGIGLPGPPGPR, MH+ 1569.9329, m/z 523.9825
 H OS G24 P150811 220811-s1.04029.04029.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

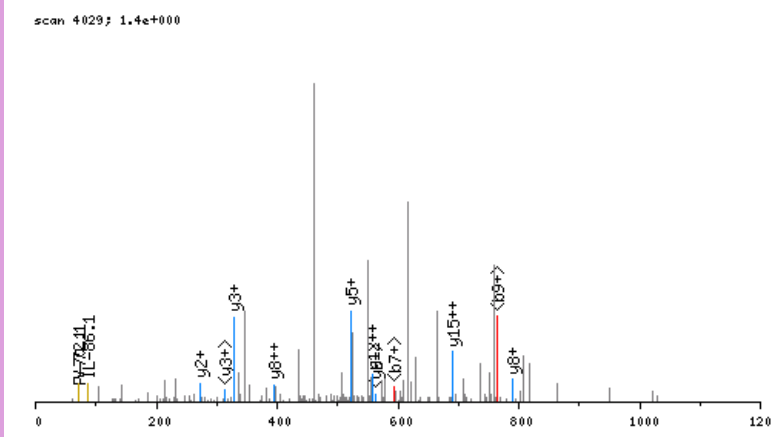
y + 2+ 3+

z + 2+ 3+

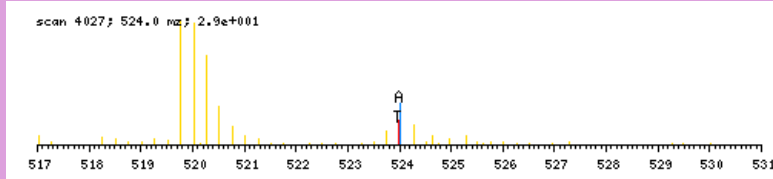
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 17		
189.1451	2	P 16	1478.8484	739.9281
302.2292	3	I 15	1381.7956	691.4017
359.2507	4	G 14	1268.7115	634.8597
456.3034	5	P 13	1211.6901	606.3489
553.3562	6	P 12	1114.6373	557.8226
610.3776	7	G 11	1017.5845	509.2962
723.4617	8	I 10	960.5631	480.7855
780.4832	9	G 9	847.4790	424.2434
893.5672	10	L 8	790.4575	395.7327
990.6200	11	P 7	677.3735	339.1907
1047.6415	12	G 6	580.3207	290.6643
1144.6942	13	P 5	523.2993	262.1535
1241.7470	14	P 4	426.2465	213.6272
1298.7685	15	G 3	329.1937	165.1008
1395.8212	16	P 2	272.1723	136.5900
	17	R 1	175.1195	88.0637

N-term:+35.07

GPNVKGEYDVTVPR, MH+ 1598.9178, m/z 533.6441
 H OS G27 P150811 220811-s1.03840.03840.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

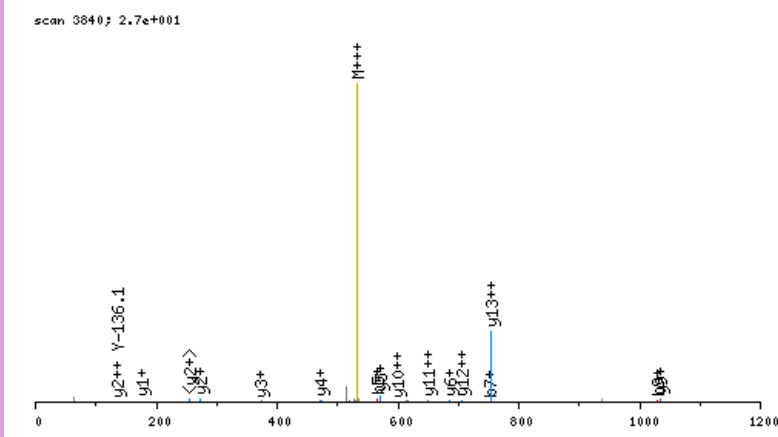
y + 2+ 3+

z + 2+ 3+

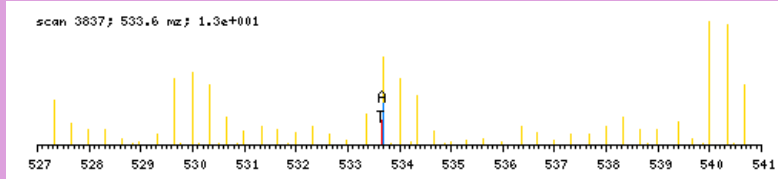
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



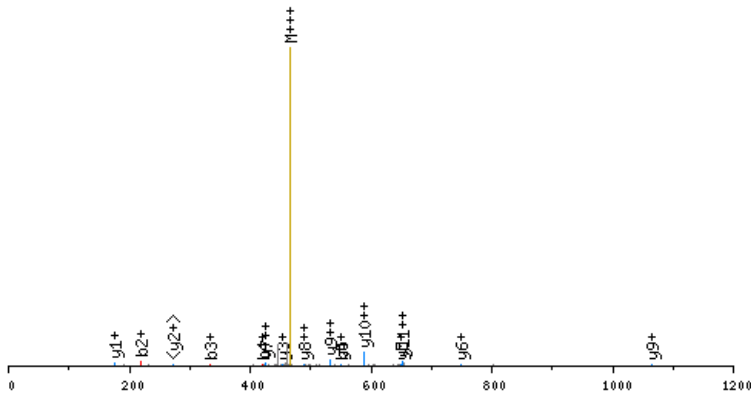
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 14		
189.1451	2	P 13	1507.8333	754.4206
303.1881	3	N 12	1410.7805	705.8942
402.2565	4	V 11	1296.7376	648.8727
564.4146	5	K 10	1197.6692	599.3385
621.4360	6	G 9	1035.5111	518.2595
750.4786	7	E 8	978.4896	489.7487
913.5420	8	Y 7	849.4470	425.2274
1028.5689	9	D 6	686.3837	343.6958
1127.6373	10	V 5	571.3568	286.1823
1228.6850	11	T 4	472.2884	236.6481
1327.7534	12	V 3	371.2407	186.1243
1424.8062	13	P 2	272.1723	136.5900
	14	R 1	175.1195	88.0637

N-term:+35.07 K(5):+162.16

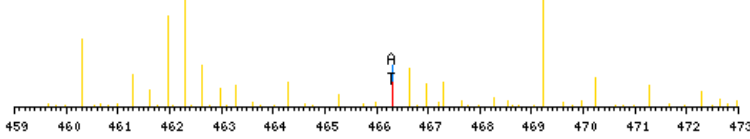
GQISEVVVVKDR, MH+ 1396.8800, m/z 466.2982
 H OS G26 P150811 220811-s1.03114.03114.3.dta

scan 3114; 1.0e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 3110; 466.3 m/z; 1.2e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

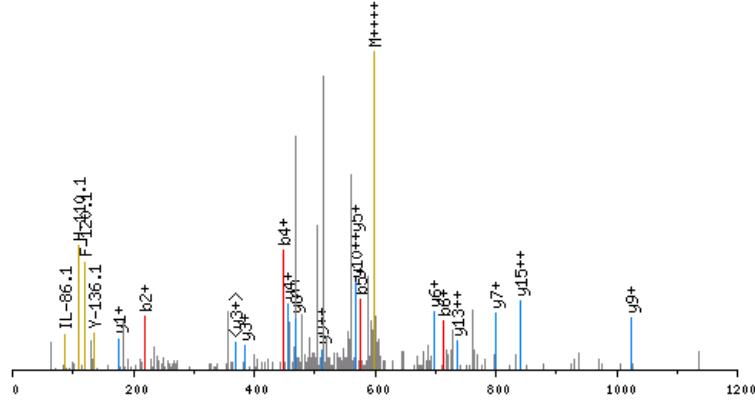
GO

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 12		
220.1509	2	Q 11	1305.7955	653.4016
333.2350	3	I 10	1177.7369	589.3724
420.2670	4	S 9	1064.6528	532.8303
549.3096	5	E 8	977.6208	489.3143
648.3780	6	V 7	848.5782	424.7930
747.4465	7	V 6	749.5098	375.2588
846.5149	8	V 5	650.4414	325.7246
945.5833	9	V 4	551.3730	276.1904
1107.7414	10	K 3	452.3045	226.6562
1222.7683	11	D 2	290.1464	145.5771
	12	R 1	175.1195	88.0637

N-term:+35.07 K(10):+162.16

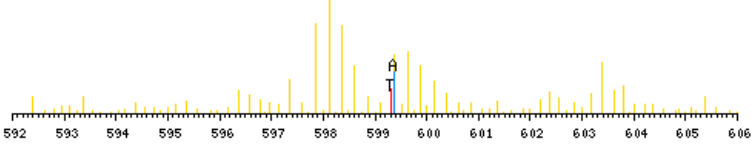
GQLDQHPIDGYLSHTEPLR, MH+ 2394.2630, m/z 599.3212
 H OS G28 P150811 220811-s1.07736.07736.4.dta

scan 7736; 6.6e-001



click image to zoom in; click top corners to zoom out [precursor±]

scan 7733; 599.3 mz; 1.4e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 21		
220.1509	2	Q 20	2303.1784	1152.0931
333.2350	3	L 19	2175.1198	1088.0638
448.2619	4	D 18	2062.0358	1031.5218
576.3205	5	Q 17	1947.0088	974.0083
713.3794	6	H 16	1818.9503	909.9790
810.4322	7	P 15	1681.8913	841.4496
923.5163	8	I 14	1584.8386	792.9232
1038.5432	9	D 13	1471.7545	736.3812
1095.5647	10	G 12	1356.7276	678.8677
1258.6280	11	Y 11	1299.7061	650.3570
1371.7121	12	L 10	1136.6428	568.8253
1458.7441	13	S 9	1023.5587	512.2833
1595.8030	14	H 8	936.5267	468.7673
1696.8507	15	T 7	799.4678	400.2378
1825.8933	16	E 6	698.4201	349.7140
1938.9773	17	L 5	569.3775	285.1927
2010.0145	18	A 4	456.2934	228.6506
2107.0672	19	P 3	385.2563	193.1321
2220.1513	20	L 2	288.2036	144.6057
	21	R 1	175.1195	88.0637

N-term:+35.07

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

GQPEPLAPGTTLPAPDR, MH+ 1744.9233, m/z 582.3126
 L OS G24 P150811 220811-s1.03471.03471.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

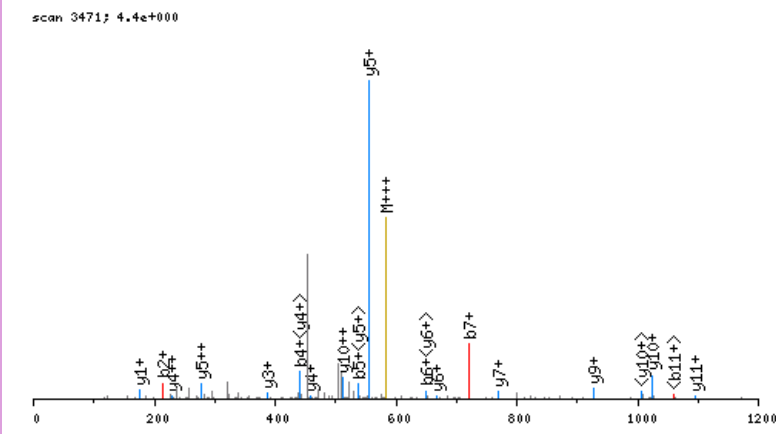
y + 2+ 3+

z + 2+ 3+

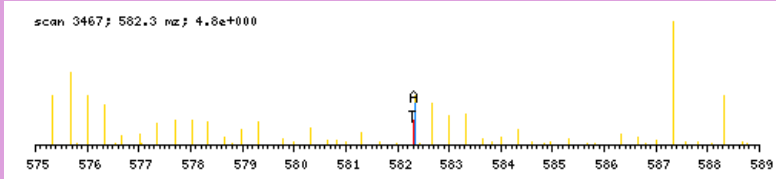
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 17		
214.1191	2	Q 16	1659.8706	830.4392
311.1719	3	P 15	1531.8120	766.4099
440.2145	4	E 14	1434.7593	717.8835
537.2673	5	P 13	1305.7167	653.3623
650.3513	6	L 12	1208.6639	604.8359
721.3884	7	A 11	1095.5798	548.2938
818.4412	8	P 10	1024.5427	512.7753
875.4627	9	G 9	927.4900	464.2489
976.5103	10	T 8	870.4685	435.7382
1077.5580	11	T 7	769.4208	385.2143
1190.6421	12	L 6	668.3731	334.6905
1287.6949	13	P 5	555.2891	278.1485
1358.7320	14	A 4	458.2363	229.6221
1455.7847	15	P 3	387.1992	194.1035
1570.8117	16	D 2	290.1464	145.5771
	17	R 1	175.1195	88.0637

N-term:+29.04

GQPQQTTGAASGGYIKR, MH+ 1775.9404, m/z 592.6517
 L OS G26 P150811 220811-s1.02200.02200.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

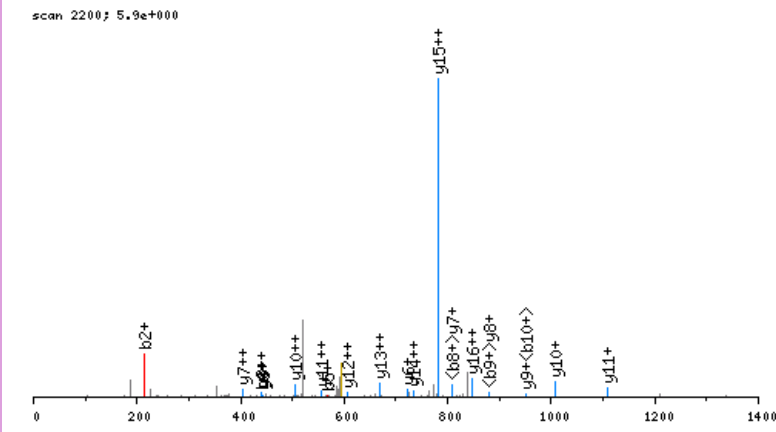
y + 2+ 3+

z + 2+ 3+

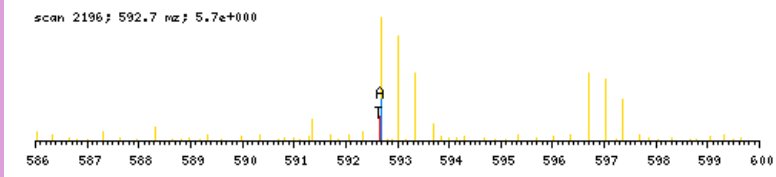
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
86.0606	1	G	17		
214.1191	2	Q	16	1690.8877	845.9478
311.1719	3	P	15	1562.8291	781.9185
439.2305	4	Q	14	1465.7764	733.3921
567.2891	5	Q	13	1337.7178	669.3628
668.3367	6	T	12	1209.6592	605.3335
769.3844	7	T	11	1108.6115	554.8097
826.4059	8	G	10	1007.5638	504.2858
897.4430	9	A	9	950.5424	475.7751
968.4801	10	A	8	879.5053	440.2565
1055.5121	11	S	7	808.4681	404.7380
1112.5336	12	G	6	721.4361	361.2220
1169.5551	13	G	5	664.4147	332.7112
1332.6184	14	Y	4	607.3932	304.2005
1445.7025	15	I	3	444.3299	222.6688
1601.8288	16	K	2	331.2458	166.1268
	17	R	1	175.1195	88.0637

N-term:+29.04 K(16):+156.13

GQVVQFKLSDIGEGIR, MH+ 1814.0812, m/z 605.3653
 H OS G26 P150811 220811-s1.05912.05912.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

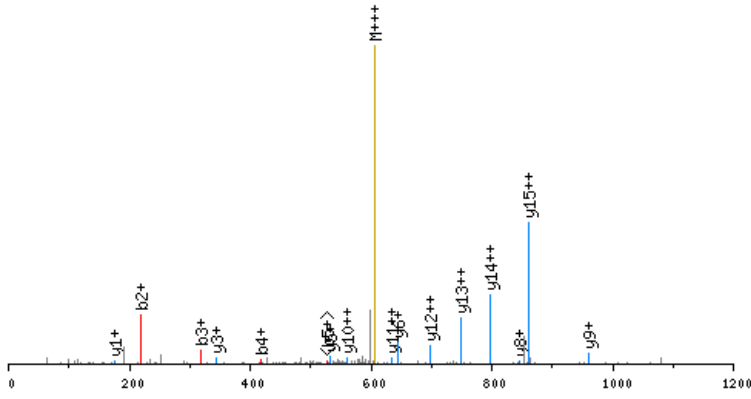
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

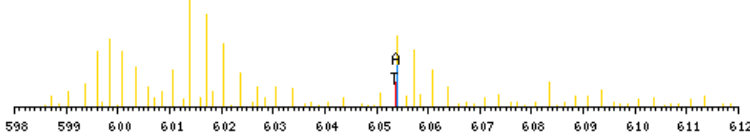
GO

scan 5912; 5.1e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5910; 605.4 m/z; 1.2e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 16		
220.1509	2	Q 15	1722.9967	862.0023
319.2194	3	V 14	1594.9381	797.9730
418.2878	4	V 13	1495.8697	748.4388
546.3463	5	Q 12	1396.8013	698.9046
693.4148	6	F 11	1268.7427	634.8753
855.5729	7	K 10	1121.6743	561.3411
968.6569	8	L 9	959.5162	480.2620
1055.6890	9	S 8	846.4321	423.7200
1170.7159	10	D 7	759.4001	380.2040
1283.8000	11	I 6	644.3731	322.6905
1340.8214	12	G 5	531.2891	266.1485
1469.8640	13	E 4	474.2676	237.6377
1526.8855	14	G 3	345.2250	173.1164
1639.9695	15	I 2	288.2036	144.6057
	16	R 1	175.1195	88.0637

N-term:+35.07 K(7):+162.16

GRPGPIGPAGPR, MH+ 1165.7018, m/z 389.2388
 H OS G27 P150811 220811-s1.02183.02183.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

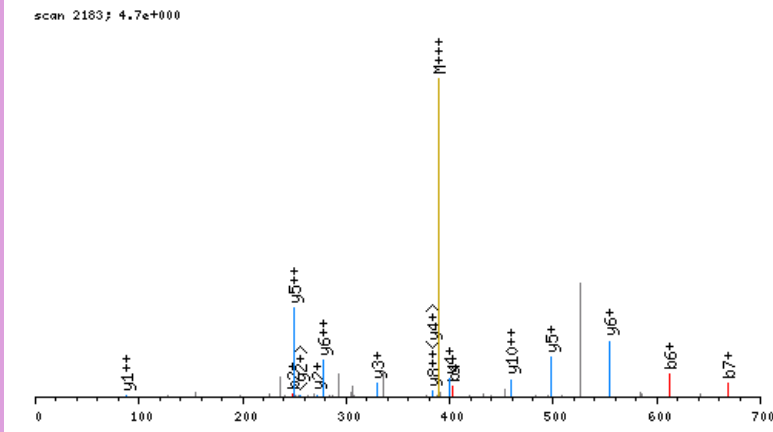
y + 2+ 3+

z + 2+ 3+

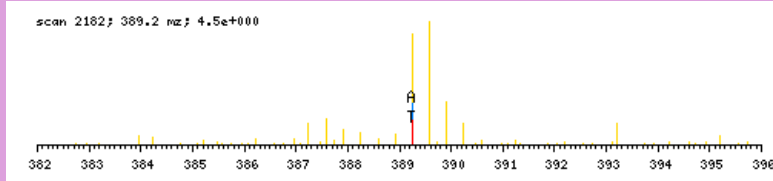
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



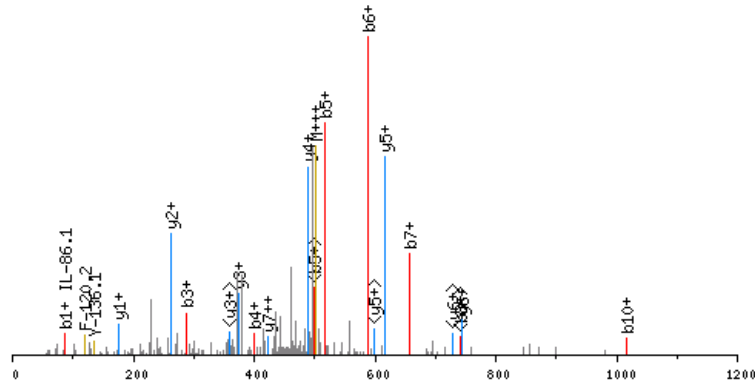
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
92.0924	1	G	12		
248.1935	2	R	11	1074.6172	537.8125
345.2462	3	P	10	918.5161	459.7620
402.2677	4	G	9	821.4634	411.2356
499.3205	5	P	8	764.4419	382.7249
612.4045	6	I	7	667.3891	334.1985
669.4260	7	G	6	554.3051	277.6564
766.4788	8	P	5	497.2836	249.1457
837.5159	9	A	4	400.2308	200.6193
894.5373	10	G	3	329.1937	165.1008
991.5901	11	P	2	272.1723	136.5900
	12	R	1	175.1195	88.0637

N-term:+35.07

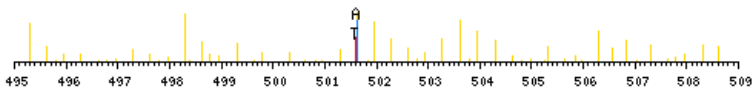
GSDLDAATQQLLSR, MH+ 1502.7814, m/z 501.5987
 L OS G25 P150811 220811-s1.06711.06711.3.dta

scan 6711; 9.2e-001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6707; 501.6 m/z; 1.3e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 14		
173.0926	2	S 13	1417.7287	709.3683
288.1195	3	D 12	1330.6967	665.8522
401.2036	4	L 11	1215.6697	608.3388
516.2305	5	D 10	1102.5857	551.7967
587.2677	6	A 9	987.5587	494.2833
658.3048	7	A 8	916.5216	458.7647
759.3524	8	T 7	845.4845	423.2462
887.4110	9	Q 6	744.4368	372.7223
1015.4696	10	Q 5	616.3782	308.6930
1128.5537	11	L 4	488.3197	244.6637
1241.6377	12	L 3	375.2356	188.1217
1328.6698	13	S 2	262.1515	131.5797
	14	R 1	175.1195	88.0637

N-term:+29.04

GSEVTQCCQTDLCNER, MH+ 1984.8161, m/z 662.2769
 L OS G25 P150811 220811-s1.02868.02868.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

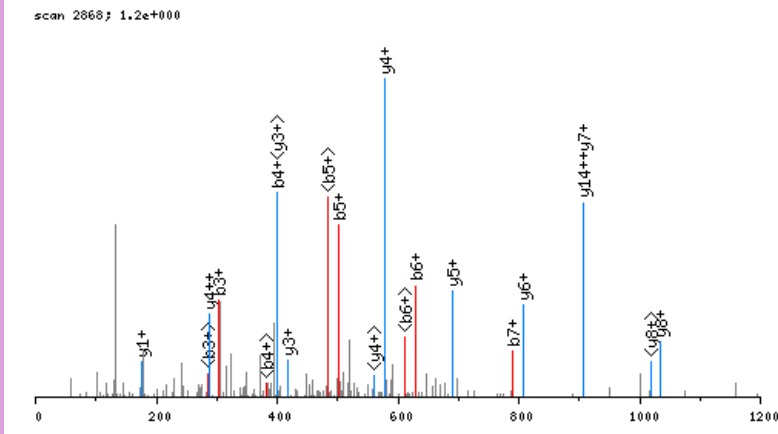
y + 2+ 3+

z + 2+ 3+

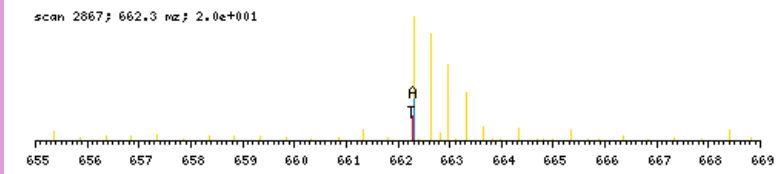
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 16		
173.0926	2	S 15	1899.7634	950.3856
302.1352	3	E 14	1812.7313	906.8696
401.2036	4	V 13	1683.6888	842.3483
502.2513	5	T 12	1584.6203	792.8141
630.3099	6	Q 11	1483.5727	742.2902
790.3405	7	C 10	1355.5141	678.2610
950.3711	8	C 9	1195.4835	598.2457
1078.4296	9	Q 8	1035.4529	518.2304
1179.4773	10	T 7	907.3943	454.2011
1294.5043	11	D 6	806.3466	403.6772
1407.5883	12	L 5	691.3197	346.1638
1567.6189	13	C 4	578.2356	289.6217
1681.6618	14	N 3	418.2050	209.6064
1810.7044	15	E 2	304.1621	152.5850
	16	R 1	175.1195	88.0637

N-term:+29.04 C(7):+160.03
 C(8):+160.03 C(13):+160.03

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

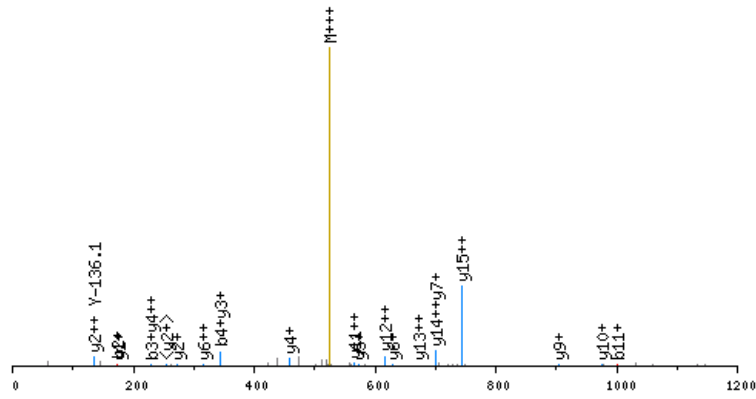
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

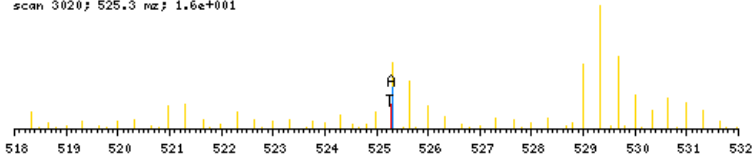
GO

scan 3022; 1.5e+001



[click image to zoom in; click top corners to zoom out](#) [[precursor±](#)]

scan 3020; 525.3 m/z; 1.6e+001



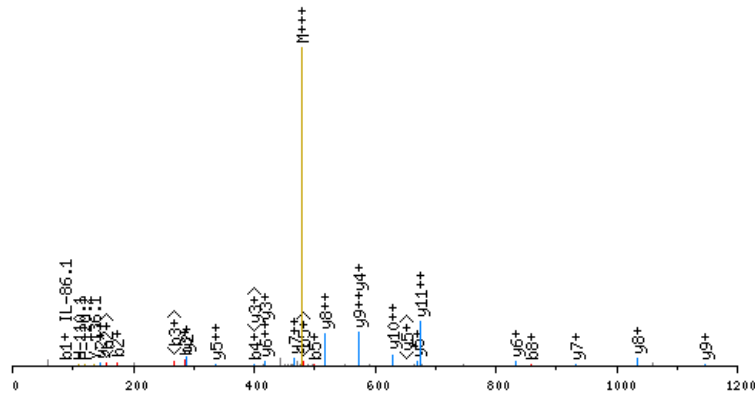
[zoomed in precursor plot; T=theoretical m/z, A=acquired m/z](#)

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 16		
173.0926	2	S 15	1488.7811	744.8945
230.1141	3	G 14	1401.7491	701.3785
343.1981	4	L 13	1344.7276	672.8677
442.2665	5	V 12	1231.6435	616.3257
598.3928	6	K 11	1132.5751	566.7915
669.4299	7	A 10	976.4488	488.7283
726.4514	8	G 9	905.4117	453.2098
873.5198	9	F 8	848.3903	424.6990
944.5569	10	A 7	701.3218	351.1648
1001.5784	11	G 6	630.2847	315.6463
1116.6053	12	D 5	573.2633	287.1355
1231.6323	13	D 4	458.2363	229.6221
1302.6694	14	A 3	343.2094	172.1086
1399.7222	15	P 2	272.1723	136.5900
	16	R 1	175.1195	88.0637

N-term:+29.04 K(6):+156.13

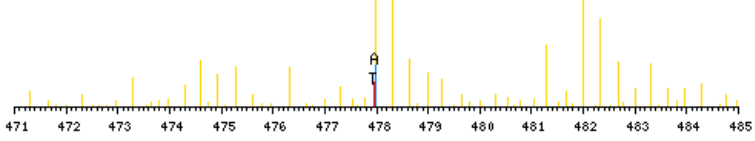
GSIIITVYPKEIR, MH+ 1431.8575, m/z 477.9574
 L OS G26 P150811 220811-s1.04109.04109.3.dta

scan 4109; 1.2e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4105; 478.0 m/z; 7.2e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

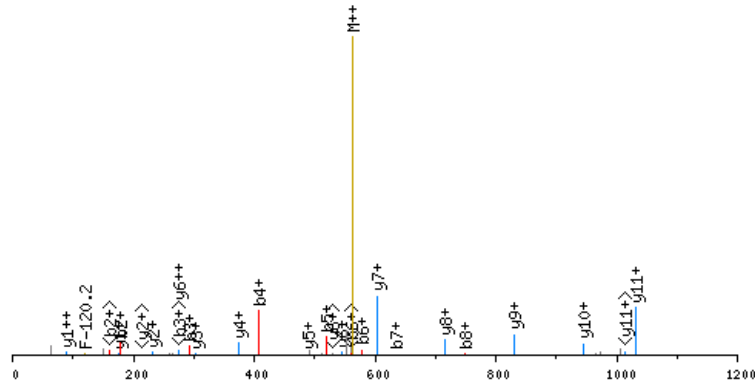
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
86.0606	1	G	12		
173.0926	2	S	11	1346.8048	673.9063
286.1767	3	I	10	1259.7728	630.3903
399.2607	4	I	9	1146.6887	573.8483
500.3084	5	T	8	1033.6046	517.3062
599.3768	6	V	7	932.5570	466.7824
762.4401	7	Y	6	833.4886	417.2482
859.4929	8	P	5	670.4252	335.7165
1015.6192	9	K	4	573.3725	287.1901
1144.6618	10	E	3	417.2462	209.1270
1257.7459	11	I	2	288.2036	144.6057
	12	R	1	175.1195	88.0637

N-term:+29.04 K(9):+156.13

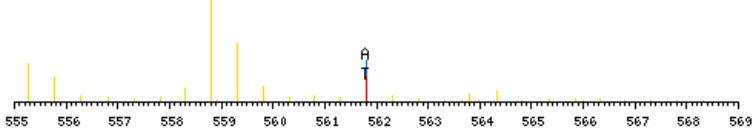
GSLDLGGDAAGR, MH+ 1122.5967, m/z 561.8020
 H OS G25 P150811 220811-s1.03418.03418.2.dta

scan 3418; 8.0e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 3417; 561.8 m/z; 1.5e+002



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
92.0924	1	G	12		
179.1244	2	S	11	1031.5122	516.2600
292.2085	3	L	10	944.4801	472.7440
407.2354	4	D	9	831.3961	416.2019
520.3195	5	L	8	716.3691	358.6885
577.3409	6	G	7	603.2851	302.1464
634.3624	7	G	6	546.2636	273.6357
749.3893	8	D	5	489.2421	245.1250
820.4264	9	A	4	374.2152	187.6115
891.4636	10	A	3	303.1781	152.0930
948.4850	11	G	2	232.1410	116.5744
	12	R	1	175.1195	88.0637

N-term:+35.07

GSSQSVEIPGGTEGYHVLK, MH+ 2058.0256, m/z 686.6800
 L OS G26 P150811 220811-s1.04219.04219.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

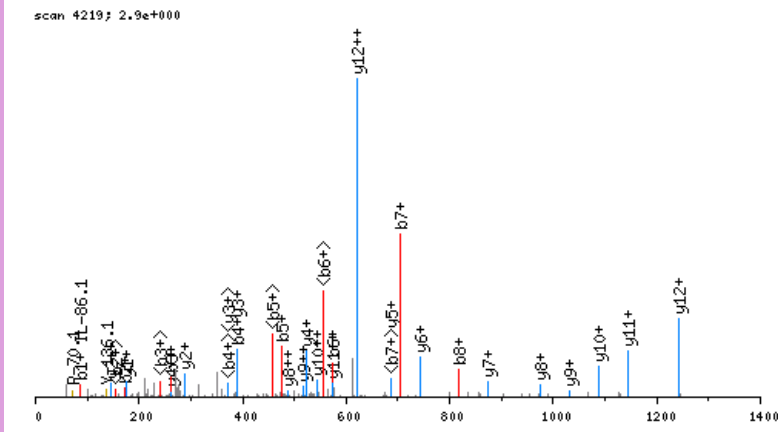
y + 2+ 3+

z + 2+ 3+

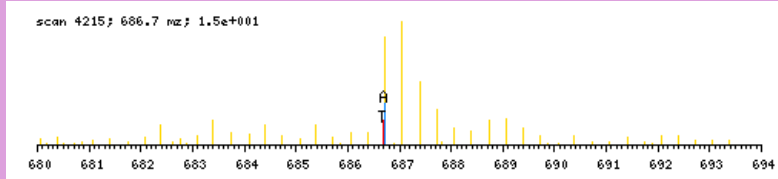
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 20		
173.0926	2	S 19	1972.9728	986.9903
260.1246	3	S 18	1885.9408	943.4743
388.1832	4	Q 17	1798.9088	899.9583
475.2152	5	S 16	1670.8502	835.9290
574.2836	6	V 15	1583.8182	792.4130
703.3262	7	E 14	1484.7498	742.8788
816.4103	8	I 13	1355.7072	678.3575
913.4631	9	P 12	1242.6231	621.8155
970.4845	10	G 11	1145.5703	573.2891
1027.5060	11	G 10	1088.5489	544.7784
1084.5275	12	G 9	1031.5274	516.2676
1185.5751	13	T 8	974.5060	487.7569
1314.6177	14	E 7	873.4583	437.2331
1371.6392	15	G 6	744.4157	372.7118
1534.7025	16	Y 5	687.3942	344.2010
1671.7614	17	H 4	524.3309	262.6694
1770.8298	18	V 3	387.2720	194.1399
1883.9139	19	L 2	288.2036	144.6057
	20	R 1	175.1195	88.0637

N-term:+29.04

GSTTEFEEPR, MH+ 1186.5804, m/z 593.7938
 H OS G25 P150811 220811-s1.02676.02676.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

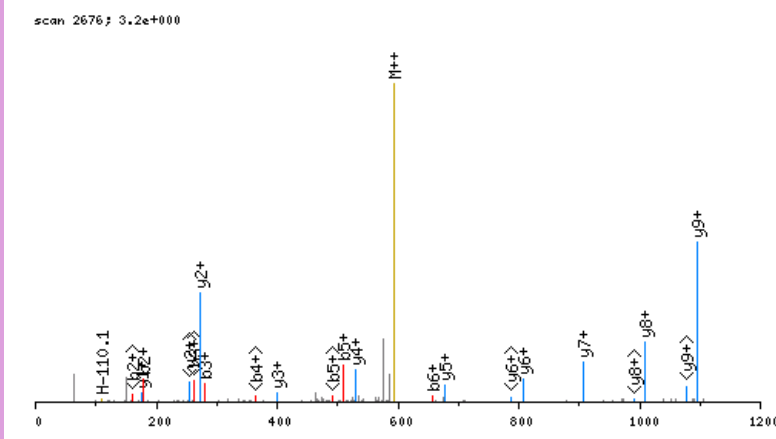
y + 2+ 3+

z + 2+ 3+

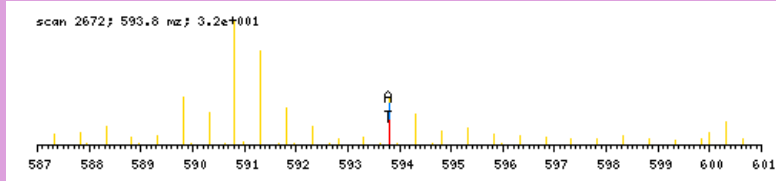
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G	10	
179.1244	2	S	9	1095.4958
280.1721	3	T	8	1008.4638
381.2197	4	T	7	907.4161
510.2623	5	E	6	806.3685
657.3308	6	F	5	677.3259
786.3733	7	E	4	530.2575
915.4159	8	E	3	401.2149
1012.4687	9	P	2	272.1723
	10	R	1	175.1195

N-term:+35.07

GSVKPYTNFDAER, MH+ 1539.7807, m/z 513.9318
 L OS G27 P150811 220811-s1.03318.03318.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

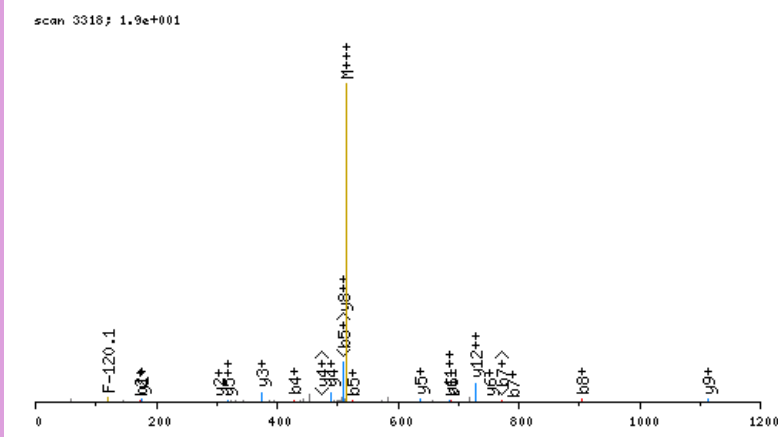
y + 2+ 3+

z + 2+ 3+

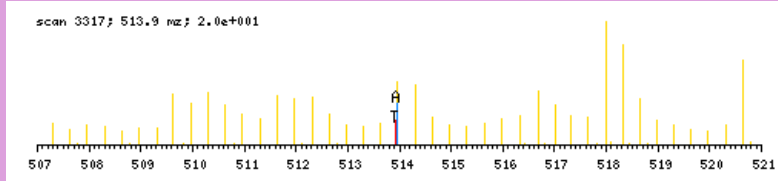
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



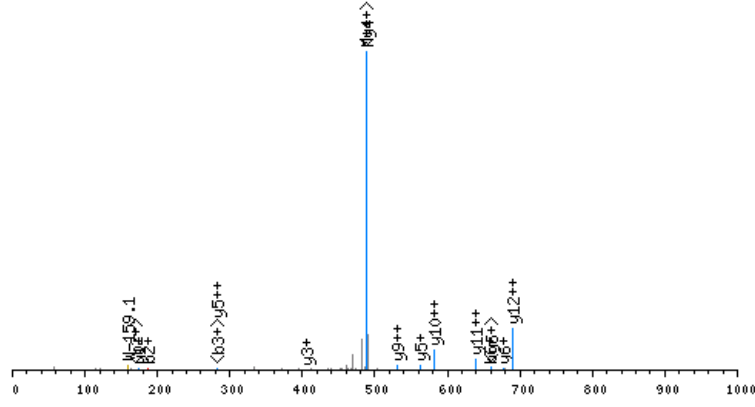
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 13		
173.0926	2	S 12	1454.7280	727.8679
272.1610	3	V 11	1367.6960	684.3519
428.2873	4	K 10	1268.6276	634.8177
525.3401	5	P 9	1112.5013	556.7545
688.4034	6	Y 8	1015.4485	508.2282
789.4511	7	T 7	852.3852	426.6965
903.4940	8	N 6	751.3375	376.1727
1050.5624	9	F 5	637.2946	319.1512
1165.5894	10	D 4	490.2262	245.6170
1236.6265	11	A 3	375.1992	188.1035
1365.6691	12	E 2	304.1621	152.5850
	13	R 1	175.1195	88.0637

N-term:+29.04 K(4):+156.13

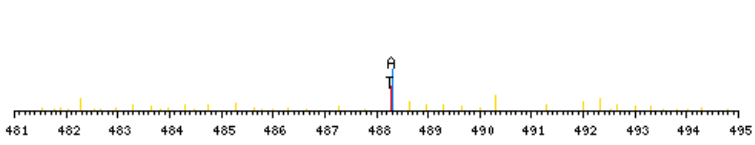
GTITTKELGTVMR, MH+ 1462.8303, m/z 488.2816
 L OS G26 P150811 220811-s1.03702.03702.3.dta

scan 3702; 1.3e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 3700; 488.3 m/z; 5.6e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 13		
187.1082	2	T 12	1377.7776	689.3927
300.1923	3	I 11	1276.7299	638.8689
401.2400	4	T 10	1163.6459	582.3268
502.2877	5	T 9	1062.5982	531.8030
658.4140	6	K 8	961.5505	481.2792
787.4566	7	E 7	805.4242	403.2160
900.5406	8	L 6	676.3816	338.6947
957.5621	9	G 5	563.2975	282.1527
1058.6098	10	T 4	506.2761	253.6420
1157.6782	11	V 3	405.2284	203.1181
1288.7187	12	M 2	306.1600	153.5839
	13	R 1	175.1195	88.0637

N-term:+29.04 K(6):+156.13

GTLDPSSLDETAYER, MH+ 1801.8668, m/z 601.2938
 H OS G25 P150811 220811-s1.05010.05010.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

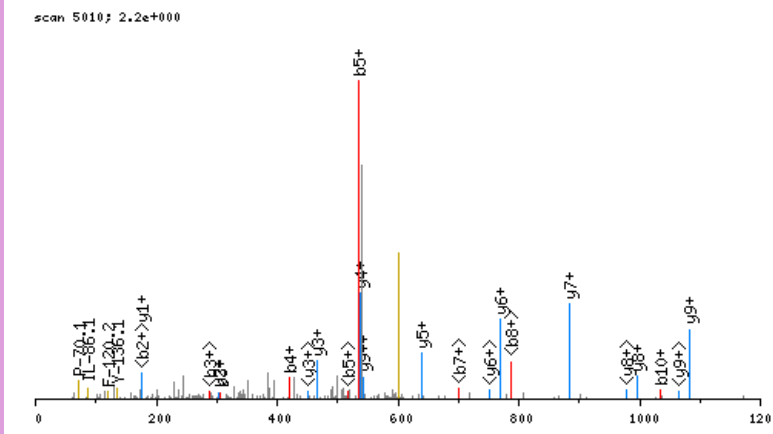
y + 2+ 3+

z + 2+ 3+

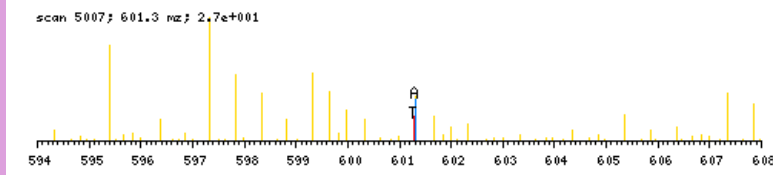
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 16		
193.1400	2	T 15	1710.7822	855.8950
306.2241	3	L 14	1609.7346	805.3712
421.2510	4	D 13	1496.6505	748.8292
535.2940	5	N 12	1381.6236	691.3157
632.3467	6	P 11	1267.5806	634.2942
719.3788	7	S 10	1170.5279	585.7678
806.4108	8	S 9	1083.4958	542.2518
919.4949	9	L 8	996.4638	498.7358
1034.5218	10	D 7	883.3798	442.1938
1163.5644	11	E 6	768.3528	384.6803
1264.6121	12	T 5	639.3102	320.1590
1335.6492	13	A 4	538.2625	269.6352
1498.7125	14	Y 3	467.2254	234.1166
1627.7551	15	E 2	304.1621	152.5850
	16	R 1	175.1195	88.0637

N-term:+35.07

GTPEENPPSWAKSAGSKSSGGR, MH+ 2271.1370, m/z 568.5397
 L OS G28 P150811 220811-s1.03052.03052.4.dta

X-range:

0 - 0

MassTol: Y-zoom:

0. 1.

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

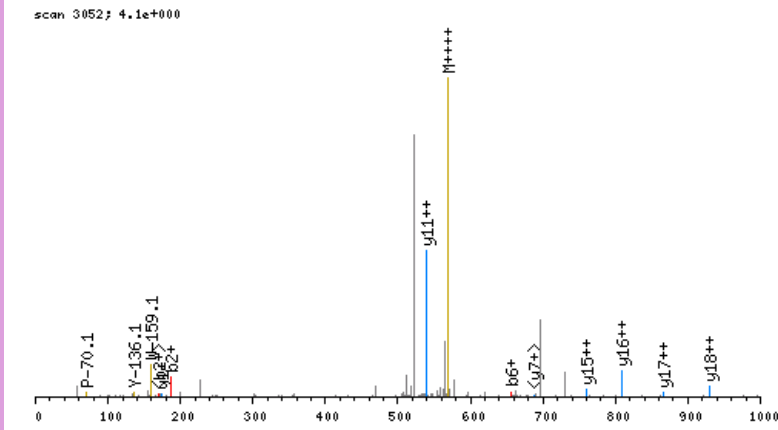
y + 2+ 3+

z + 2+ 3+

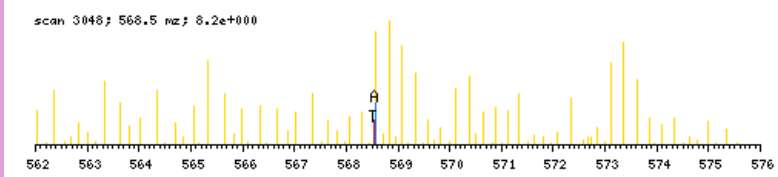
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 22		
187.1082	2	T 21	2186.0843	1093.5460
284.1610	3	P 20	2085.0366	1043.0222
413.2036	4	E 19	1987.9838	994.4958
542.2462	5	E 18	1858.9412	929.9745
656.2891	6	N 17	1729.8986	865.4532
753.3419	7	P 16	1615.8557	808.4318
850.3946	8	P 15	1518.8029	759.9054
937.4267	9	S 14	1421.7502	711.3790
1123.5060	10	W 13	1334.7181	667.8630
1194.5431	11	A 12	1148.6388	574.8233
1350.6694	12	K 11	1077.6017	539.3048
1437.7014	13	S 10	921.4754	461.2416
1508.7385	14	A 9	834.4434	417.7256
1565.7600	15	G 8	763.4063	382.2071
1652.7920	16	S 7	706.3848	353.6963
1808.9183	17	K 6	619.3528	310.1803
1895.9504	18	S 5	463.2265	232.1172
1982.9824	19	S 4	376.1945	188.6011
2040.0039	20	G 3	289.1624	145.0851
2097.0253	21	G 2	232.1410	116.5744
	22	R 1	175.1195	88.0637

N-term: +29.04 K(12): +156.13
 K(17): +156.13

GTPSGTAEPYDGTKAR, MH+ 1663.8292, m/z 555.2812
 L OS G27 P150811 220811-s1.02126.02126.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

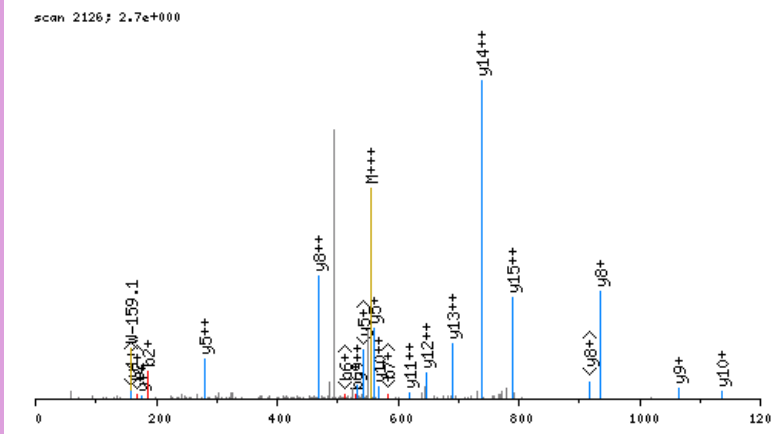
y + 2+ 3+

z + 2+ 3+

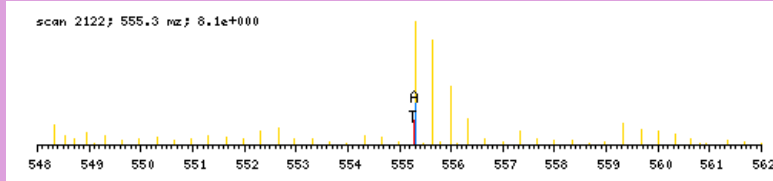
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



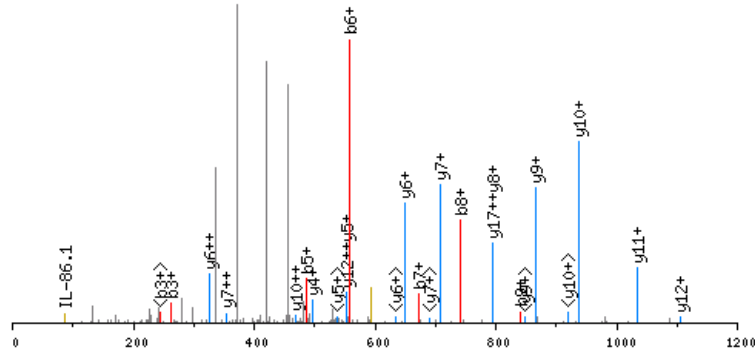
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 16		
187.1082	2	T 15	1578.7764	789.8921
284.1610	3	P 14	1477.7287	739.3683
371.1930	4	S 13	1380.6760	690.8419
428.2145	5	G 12	1293.6439	647.3259
529.2622	6	T 11	1236.6225	618.8152
600.2993	7	A 10	1135.5748	568.2913
729.3419	8	E 9	1064.5377	532.7728
826.3946	9	P 8	935.4951	468.2515
989.4580	10	Y 7	838.4423	419.7251
1104.4849	11	D 6	675.3790	338.1934
1161.5064	12	G 5	560.3521	280.6799
1262.5541	13	T 4	503.3306	252.1692
1418.6804	14	K 3	402.2829	201.6454
1489.7175	15	A 2	246.1566	123.5822
	16	R 1	175.1195	88.0637

N-term:+29.04 K(14):+156.13

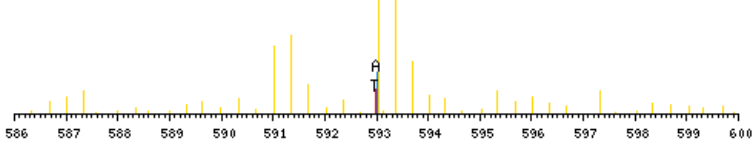
GVAPQALAVAASGPGSSFR, MH+ 1776.9820, m/z 592.9989
 H OS G24 P150811 220811-s1.03988.03988.3.dta

scan 3988; 1.8e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 3987; 593.0 m/z; 3.4e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

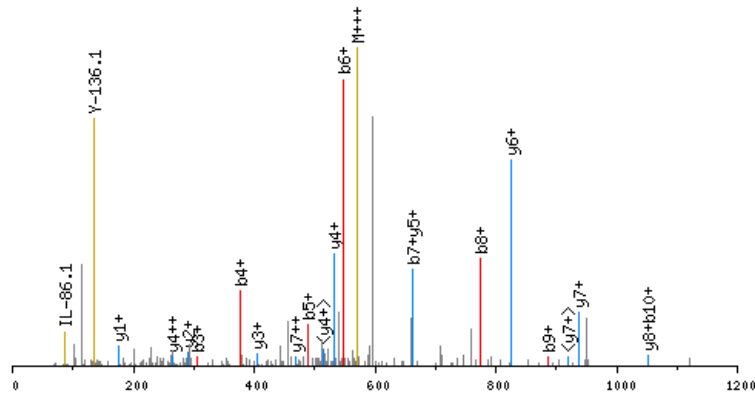
GO

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 19		
191.1608	2	V 18	1685.8975	843.4527
262.1979	3	A 17	1586.8291	793.9185
359.2507	4	P 16	1515.7920	758.3999
487.3092	5	Q 15	1418.7392	709.8735
558.3463	6	A 14	1290.6806	645.8442
671.4304	7	L 13	1219.6435	610.3257
742.4675	8	A 12	1106.5594	553.7836
841.5359	9	V 11	1035.5223	518.2651
912.5731	10	A 10	936.4539	468.7309
983.6102	11	A 9	865.4168	433.2123
1070.6422	12	S 8	794.3797	397.6938
1127.6637	13	G 7	707.3477	354.1777
1224.7164	14	P 6	650.3262	325.6670
1281.7379	15	G 5	553.2734	277.1406
1368.7699	16	S 4	496.2520	248.6299
1455.8019	17	S 3	409.2199	205.1139
1602.8704	18	F 2	322.1879	161.5979
	19	R 1	175.1195	88.0637

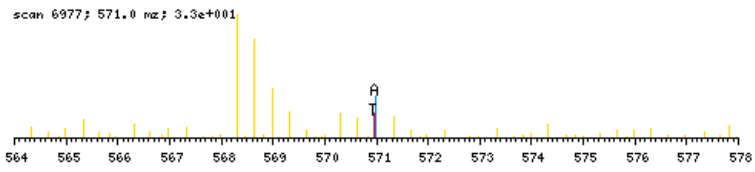
N-term:+35.07

GVDALGLNIYEQNDR, MH+ 1710.8875, m/z 570.9673
 H OS G25 P150811 220811-s1.06980.06980.3.dta

scan 6980; 1.2e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
92.0924	1	G	15		
191.1608	2	V	14	1619.8029	810.4054
306.1877	3	D	13	1520.7345	760.8712
377.2248	4	A	12	1405.7076	703.3577
490.3089	5	L	11	1334.6705	667.8391
547.3304	6	G	10	1221.5864	611.2971
660.4144	7	L	9	1164.5649	582.7864
774.4574	8	N	8	1051.4809	526.2443
887.5414	9	I	7	937.4379	469.2229
1050.6047	10	Y	6	824.3539	412.6808
1179.6473	11	E	5	661.2905	331.1492
1307.7059	12	Q	4	532.2479	266.6279
1421.7488	13	N	3	404.1894	202.5986
1536.7758	14	D	2	290.1464	145.5771
	15	R	1	175.1195	88.0637

N-term:+35.07

GVDEATIIDILTKR, MH+ 1599.9322, m/z 533.9822
 L OS G26 P150811 220811-s1.06901.06901.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

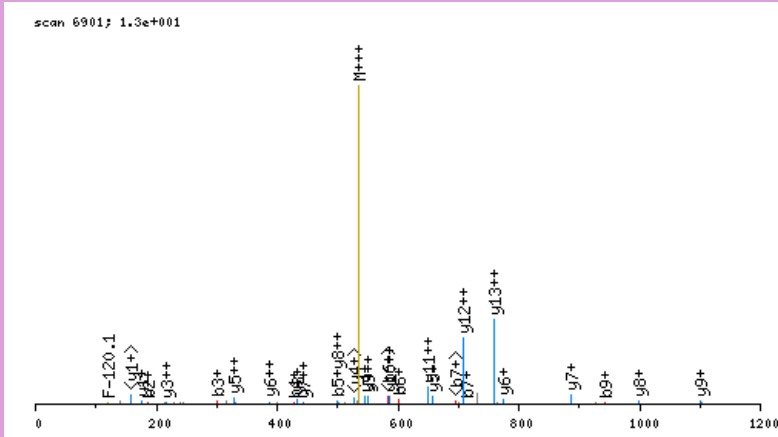
y + 2+ 3+

z + 2+ 3+

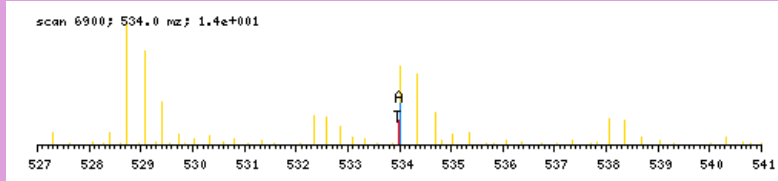
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



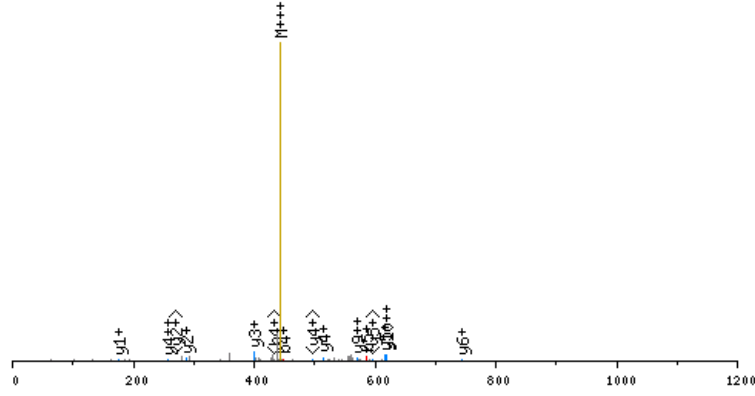
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 14		
185.1290	2	V 13	1514.8794	757.9436
300.1559	3	D 12	1415.8110	708.4094
429.1985	4	E 11	1300.7841	650.8959
500.2356	5	A 10	1171.7415	586.3746
601.2833	6	T 9	1100.7044	550.8561
714.3674	7	I 8	999.6567	500.3323
827.4514	8	I 7	886.5726	443.7902
942.4784	9	D 6	773.4886	387.2482
1055.5624	10	I 5	658.4616	329.7347
1168.6465	11	L 4	545.3775	273.1927
1269.6942	12	T 3	432.2935	216.6507
1425.8205	13	K 2	331.2458	166.1268
	14	R 1	175.1195	88.0637

N-term:+29.04 K(13):+156.13

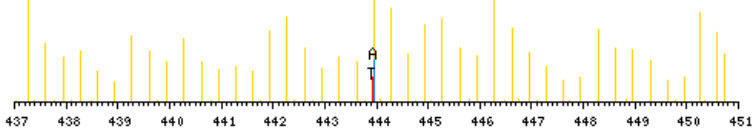
GVEEHETLLLR, MH+ 1329.7590, m/z 443.9245
 H OS G27 P150811 220811-s1.04405.04405.3.dta

scan 4405; 1.1e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4402; 443.9 m/z; 1.0e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 11		
191.1608	2	V 10	1238.6745	619.8412
320.2034	3	E 9	1139.6061	570.3069
449.2460	4	E 8	1010.5635	505.7856
586.3049	5	H 7	881.5209	441.2644
715.3475	6	E 6	744.4620	372.7349
816.3951	7	T 5	615.4194	308.2136
929.4792	8	L 4	514.3717	257.6898
1042.5633	9	L 3	401.2876	201.1477
1155.6473	10	L 2	288.2036	144.6057
	11	R 1	175.1195	88.0637

N-term:+35.07

GVEIETISPGDGR, MH+ 1357.6963, m/z 453.2370
 L OS G25 P150811 220811-s1.04691.04691.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

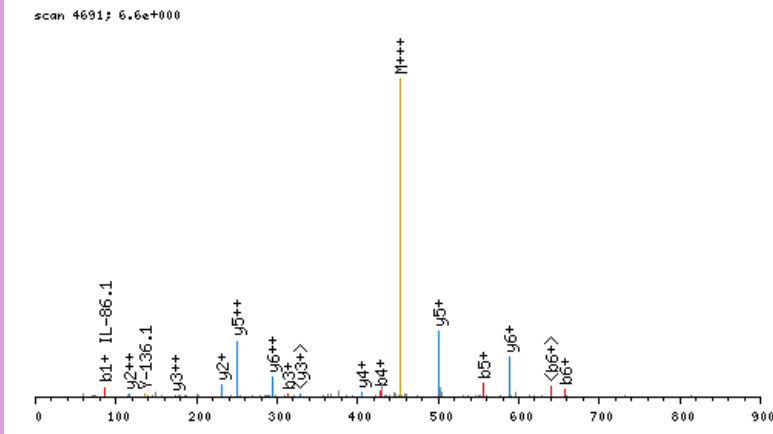
y + 2+ 3+

z + 2+ 3+

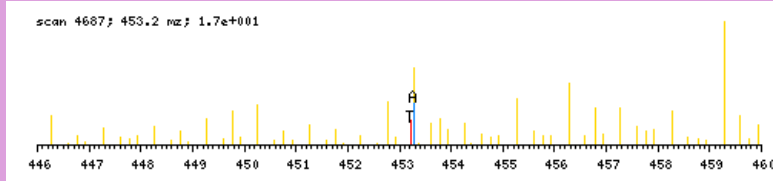
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 13		
185.1290	2	V 12	1272.6436	636.8257
314.1716	3	E 11	1173.5752	587.2915
427.2556	4	I 10	1044.5326	522.7702
556.2982	5	E 9	931.4485	466.2282
657.3459	6	T 8	802.4059	401.7069
770.4300	7	I 7	701.3582	351.1830
857.4620	8	S 6	588.2742	294.6410
954.5148	9	P 5	501.2421	251.1250
1011.5362	10	G 4	404.1894	202.5986
1126.5632	11	D 3	347.1679	174.0879
1183.5846	12	G 2	232.1410	116.5744
	13	R 1	175.1195	88.0637

N-term:+29.04

GVEPSPSPIKPGDIKR, MH+ 1761.0275, m/z 441.0123
 L OS G28 P150811 220811-s1.03695.03695.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

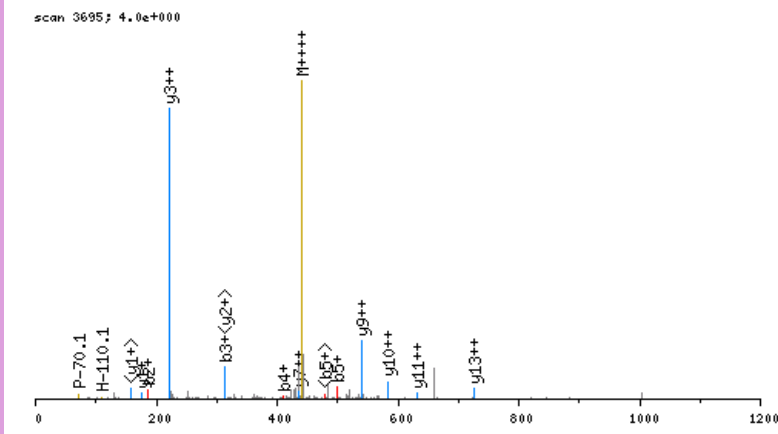
y + 2+ 3+

z + 2+ 3+

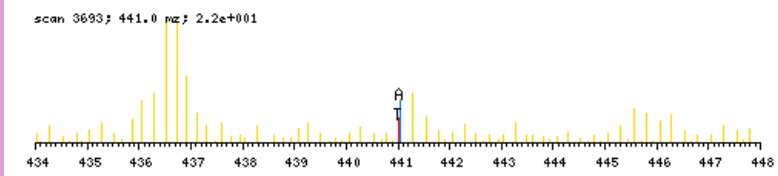
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 16		
185.1290	2	V 15	1675.9748	838.4913
314.1716	3	E 14	1576.9063	788.9571
411.2243	4	P 13	1447.8637	724.4358
498.2564	5	S 12	1350.8110	675.9094
595.3091	6	P 11	1263.7790	632.3934
682.3412	7	S 10	1166.7262	583.8670
779.3939	8	P 9	1079.6942	540.3510
892.4780	9	I 8	982.6414	491.8246
1048.6043	10	K 7	869.5573	435.2826
1145.6570	11	P 6	713.4310	357.2194
1202.6785	12	G 5	616.3783	308.6930
1317.7055	13	D 4	559.3568	280.1823
1430.7895	14	I 3	444.3299	222.6688
1586.9158	15	K 2	331.2458	166.1268
	16	R 1	175.1195	88.0637

N-term:+29.04 K(10):+156.13
 K(15):+156.13

GVGFEAGISKNGQTR, MH+ 1717.9509, m/z 573.3218
 H OS G27 P150811 220811-s1.03810.03810.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

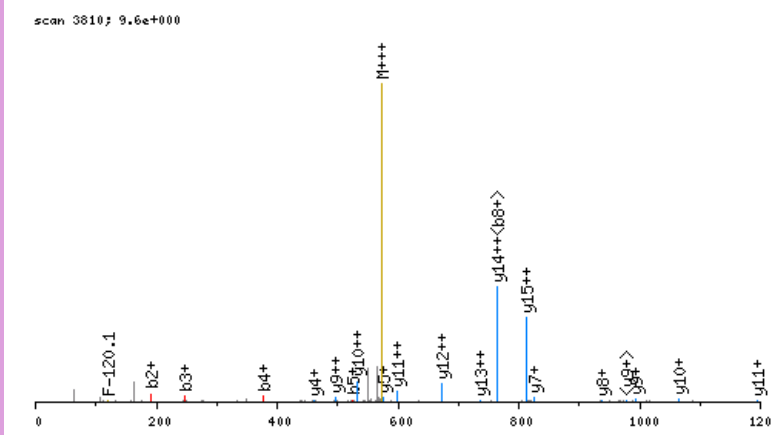
y + 2+ 3+

z + 2+ 3+

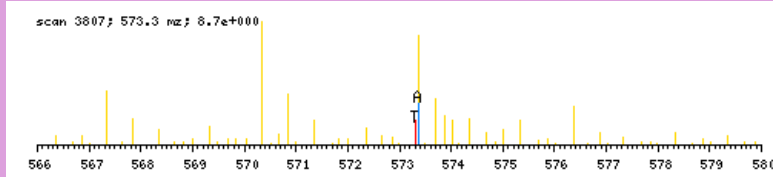
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



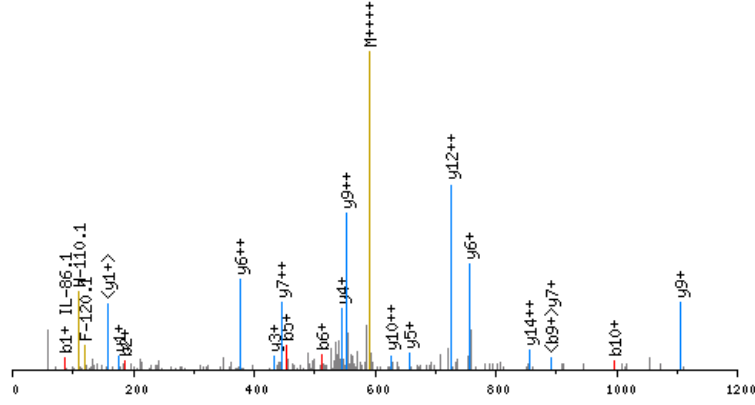
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 16		
191.1608	2	V 15	1626.8664	813.9371
248.1822	3	G 14	1527.7980	764.4029
377.2248	4	E 13	1470.7765	735.8922
524.2932	5	F 12	1341.7339	671.3709
653.3358	6	E 11	1194.6655	597.8367
724.3730	7	A 10	1065.6229	533.3154
781.3944	8	G 9	994.5858	497.7968
894.4785	9	I 8	937.5643	469.2861
981.5105	10	S 7	824.4803	412.7441
1143.6686	11	K 6	737.4482	369.2280
1257.7115	12	N 5	575.2901	288.1490
1314.7330	13	G 4	461.2472	231.1275
1442.7916	14	Q 3	404.2258	202.6168
1543.8393	15	T 2	276.1672	138.5875
	16	R 1	175.1195	88.0637

N-term:+35.07 K(11):+162.16

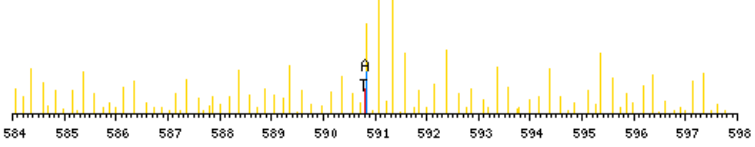
GVGPDGHTCSLFPDHPDLLQER, MH+ 2360.1457, m/z 590.7919
 L OS G28 P150811 220811-s1.07222.07222.4.dta

scan 7222; 1.2e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 7218; 590.8 mz; 6.3e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
86.0606	1	G	21		
185.1290	2	V	20	2275.0929	1138.0504
242.1504	3	G	19	2176.0245	1088.5162
339.2032	4	P	18	2119.0030	1060.0054
454.2301	5	D	17	2021.9503	1011.4791
511.2516	6	G	16	1906.9233	953.9656
648.3105	7	H	15	1849.9019	925.4549
749.3582	8	T	14	1712.8430	856.9254
909.3888	9	C	13	1611.7953	806.4016
996.4208	10	S	12	1451.7647	726.3863
1109.5049	11	L	11	1364.7327	682.8702
1256.5733	12	F	10	1251.6486	626.3282
1353.6261	13	P	9	1104.5802	552.7940
1468.6530	14	D	8	1007.5274	504.2676
1605.7119	15	H	7	892.5005	446.7542
1702.7647	16	P	6	755.4416	378.2247
1815.8488	17	L	5	658.3888	329.6983
1928.9328	18	L	4	545.3047	273.1563
2056.9914	19	Q	3	432.2207	216.6142
2186.0340	20	E	2	304.1621	152.5850
	21	R	1	175.1195	88.0637

N-term:+29.04 C(9):+160.03

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

GVMVGMGQKDSYVGDEAQSQR, MH+ 2326.1536, m/z 582.2939
 L OS G28 P150811 220811-s1.04225.04225.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

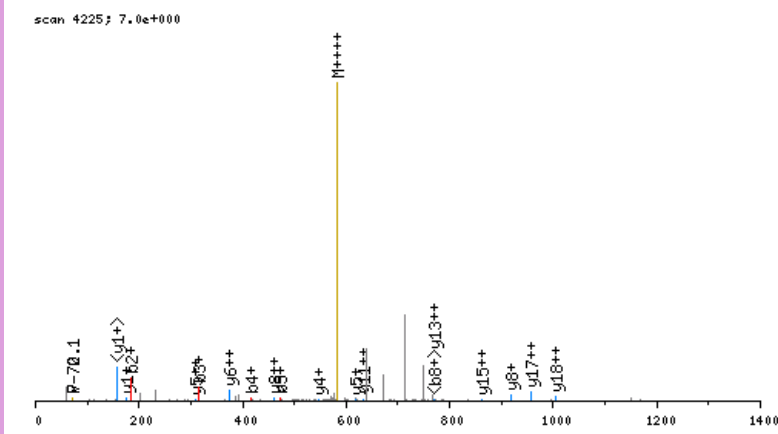
y + 2+ 3+

z + 2+ 3+

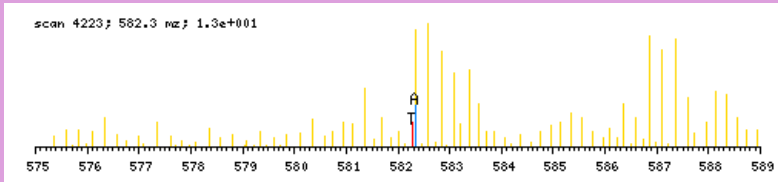
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
86.0606	1	G	21		
185.1290	2	V	20	2241.1008	1121.0543
316.1695	3	M	19	2142.0324	1071.5201
415.2379	4	V	18	2010.9919	1005.9999
472.2593	5	G	17	1911.9235	956.4657
603.2998	6	M	16	1854.9021	927.9549
660.3213	7	G	15	1723.8616	862.4347
788.3799	8	Q	14	1666.8401	833.9240
944.5062	9	K	13	1538.7815	769.8947
1059.5331	10	D	12	1382.6552	691.8315
1146.5651	11	S	11	1267.6283	634.3181
1309.6285	12	Y	10	1180.5963	590.8020
1408.6969	13	V	9	1017.5329	509.2704
1465.7183	14	G	8	918.4645	459.7362
1580.7453	15	D	7	861.4431	431.2254
1709.7879	16	E	6	746.4161	373.7120
1780.8250	17	A	5	617.3735	309.1907
1908.8836	18	Q	4	546.3364	273.6721
1995.9156	19	S	3	418.2778	209.6428
2152.0419	20	K	2	331.2458	166.1268
	21	R	1	175.1195	88.0637

N-term:+29.04 K(9):+156.13
 K(20):+156.13

GVPVEITEKQTR, MH+ 1412.8113, m/z 471.6086
 L OS G26 P150811 220811-s1.02708.02708.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

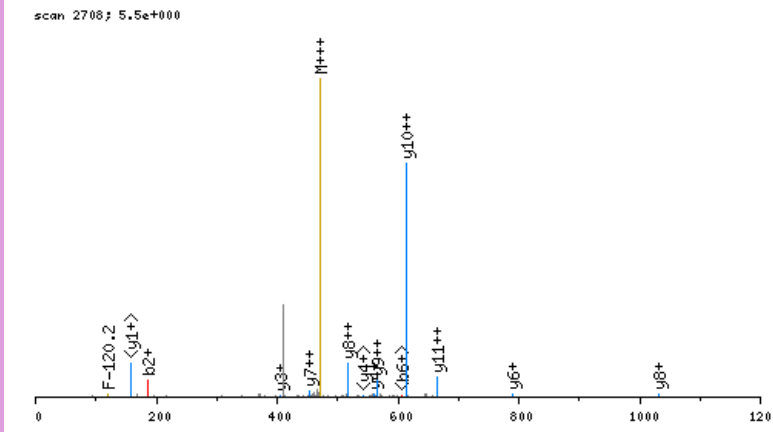
y + 2+ 3+

z + 2+ 3+

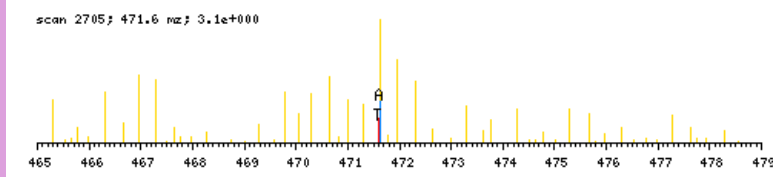
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 12		
185.1290	2	V 11	1327.7586	664.3832
282.1817	3	P 10	1228.6902	614.8490
381.2502	4	V 9	1131.6374	566.3226
510.2927	5	E 8	1032.5690	516.7884
623.3768	6	I 7	903.5264	452.2671
724.4245	7	T 6	790.4423	395.7251
853.4671	8	E 5	689.3946	345.2012
1009.5934	9	K 4	560.3521	280.6799
1137.6520	10	Q 3	404.2258	202.6168
1238.6996	11	T 2	276.1672	138.5875
	12	R 1	175.1195	88.0637

N-term:+29.04 K(9):+156.13

GVQPPNFSWVLPGR, MH+ 1587.8859, m/z 529.9668
 H OS G25 P150811 220811-s1.08116.08116.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

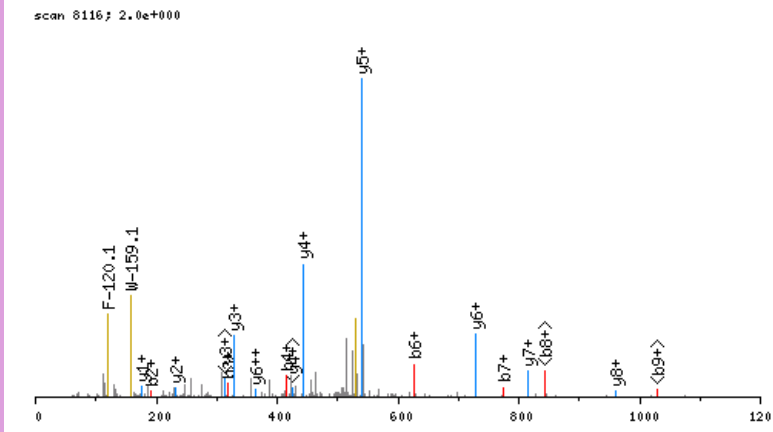
y + 2+ 3+

z + 2+ 3+

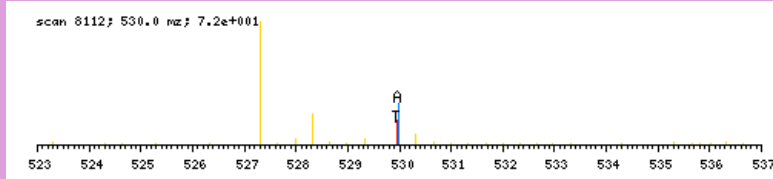
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
92.0924	1	G	14		
191.1608	2	V	13	1496.8014	748.9046
319.2194	3	Q	12	1397.7330	699.3704
416.2721	4	P	11	1269.6744	635.3411
513.3249	5	P	10	1172.6217	586.8147
627.3678	6	N	9	1075.5689	538.2884
774.4362	7	F	8	961.5260	481.2669
861.4683	8	S	7	814.4575	407.7327
1047.5476	9	W	6	727.4255	364.2167
1146.6160	10	V	5	541.3462	271.1770
1259.7000	11	L	4	442.2778	221.6428
1356.7528	12	P	3	329.1937	165.1008
1413.7743	13	G	2	232.1410	116.5744
	14	R	1	175.1195	88.0637

N-term:+35.07

GVQIGVNVQAGKETQR, MH+ 1640.9356, m/z 547.6501
 H OS G27 P150811 220811-s1.01953.01953.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

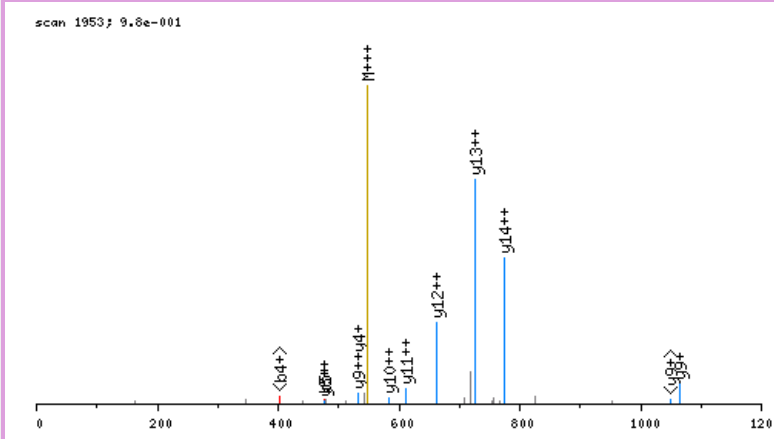
y + 2+ 3+

z + 2+ 3+

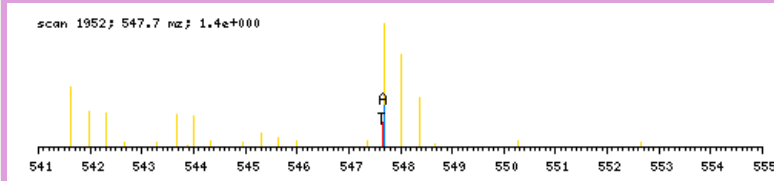
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



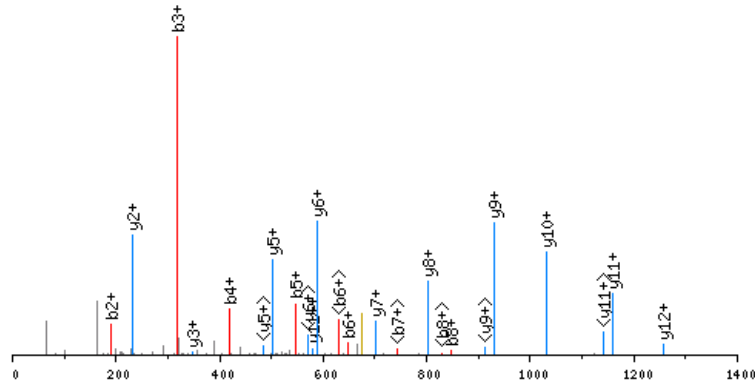
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 15		
191.1608	2	V 14	1549.8511	775.4295
319.2194	3	Q 13	1450.7827	725.8952
420.2670	4	T 12	1322.7241	661.8660
477.2885	5	G 11	1221.6764	611.3421
576.3569	6	V 10	1164.6549	582.8314
690.3998	7	N 9	1065.5865	533.2972
818.4584	8	Q 8	951.5436	476.2757
889.4955	9	A 7	823.4850	412.2464
946.5170	10	G 6	752.4479	376.7279
1108.6751	11	K 5	695.4264	348.2171
1237.7177	12	E 4	533.2683	267.1381
1338.7654	13	T 3	404.2258	202.6168
1466.8239	14	Q 2	303.1781	152.0930
	15	R 1	175.1195	88.0637

N-term:+35.07 K(11):+162.16

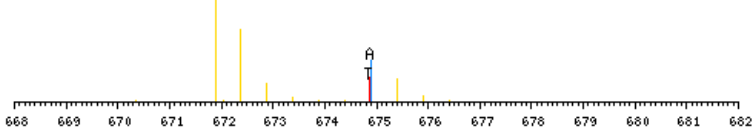
GVQVETISPGDGR, MH+ 1348.7284, m/z 674.8679
 H OS G25 P150811 220811-s1.03729.03729.2.dta

scan 3729; 6.5e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 3727; 674.9 m/z; 4.1e+002



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

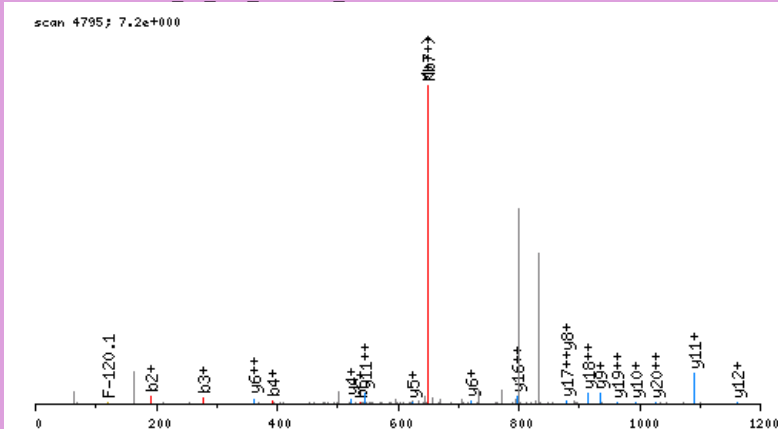
zoom 112-122

GO

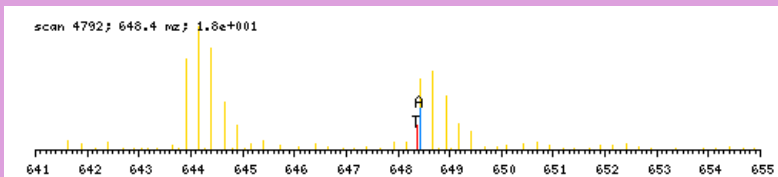
b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 13		
191.1608	2	V 12	1257.6439	629.3259
319.2194	3	Q 11	1158.5755	579.7917
418.2878	4	V 10	1030.5169	515.7624
547.3304	5	E 9	931.4485	466.2282
648.3780	6	T 8	802.4059	401.7069
761.4621	7	I 7	701.3582	351.1830
848.4941	8	S 6	588.2742	294.6410
945.5469	9	P 5	501.2421	251.1250
1002.5684	10	G 4	404.1894	202.5986
1117.5953	11	D 3	347.1679	174.0879
1174.6168	12	G 2	232.1410	116.5744
	13	R 1	175.1195	88.0637

N-term:+35.07

GVSDGSEVAKAQAAPGGASPTIFSR, MH+ 2590.4689, m/z 648.3727
 H_OS_G27_P150811_220811-s1.04795.04795.4.dta



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
92.0924	1	G	26		
191.1608	2	V	25	2499.3844	1250.1961
278.1928	3	S	24	2400.3160	1200.6619
393.2197	4	D	23	2313.2840	1157.1459
450.2412	5	G	22	2198.2570	1099.6324
537.2732	6	S	21	2141.2356	1071.1217
666.3158	7	E	20	2054.2035	1027.6057
765.3842	8	V	19	1925.1609	963.0844
836.4214	9	A	18	1826.0925	913.5502
998.5795	10	K	17	1755.0554	878.0316
1069.6166	11	A	16	1592.8973	796.9526
1197.6752	12	Q	15	1521.8602	761.4340
1359.8333	13	K	14	1393.8016	697.4047
1430.8704	14	A	13	1231.6435	616.3257
1501.9075	15	A	12	1160.6064	580.8071
1598.9602	16	P	11	1089.5693	545.2886
1655.9817	17	G	10	992.5165	496.7622
1713.0032	18	G	9	935.4951	468.2514
1784.0403	19	A	8	878.4736	439.7407
1871.0723	20	S	7	807.4365	404.2222
1968.1251	21	P	6	720.4044	360.7061
2069.1728	22	T	5	623.3517	312.1798
2182.2568	23	I	4	522.3040	261.6559
2329.3252	24	F	3	409.2199	205.1139
2416.3573	25	S	2	262.1515	131.5797
	26	R	1	175.1195	88.0637

N-term: +35.07 K(10): +162.16
 K(13): +162.16

GVSQAGEEME QFGQGV R, MH+ 1836.8550, m/z 612.9565
 L OS G25 P150811 220811-s1.05764.05764.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

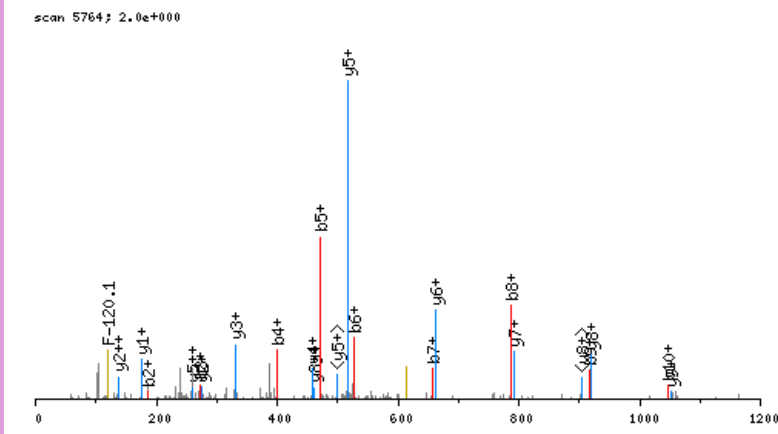
y + 2+ 3+

z + 2+ 3+

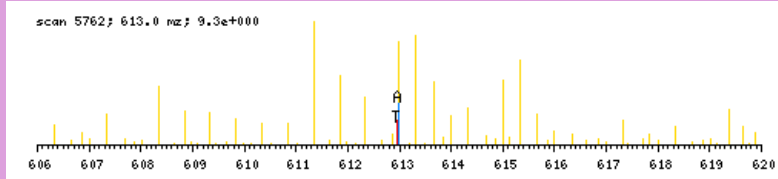
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 17		
185.1290	2	V 16	1751.8023	876.4050
272.1610	3	S 15	1652.7339	826.8708
400.2196	4	Q 14	1565.7018	783.3548
471.2567	5	A 13	1437.6433	719.3255
528.2782	6	G 12	1366.6061	683.8070
657.3208	7	E 11	1309.5847	655.2963
786.3633	8	E 10	1180.5421	590.7750
917.4038	9	M 9	1051.4995	526.2537
1046.4464	10	E 8	920.4590	460.7334
1174.5050	11	Q 7	791.4164	396.2121
1321.5734	12	F 6	663.3578	332.1828
1378.5949	13	G 5	516.2894	258.6486
1506.6535	14	Q 4	459.2680	230.1379
1563.6749	15	G 3	331.2094	166.1086
1662.7433	16	V 2	274.1879	137.5979
	17	R 1	175.1195	88.0637

N-term:+29.04

GVSSGPGMGLMGP, MH+ 1433.7457, m/z 717.3765
 H OS G25 P150811 220811-s1.05649.05649.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

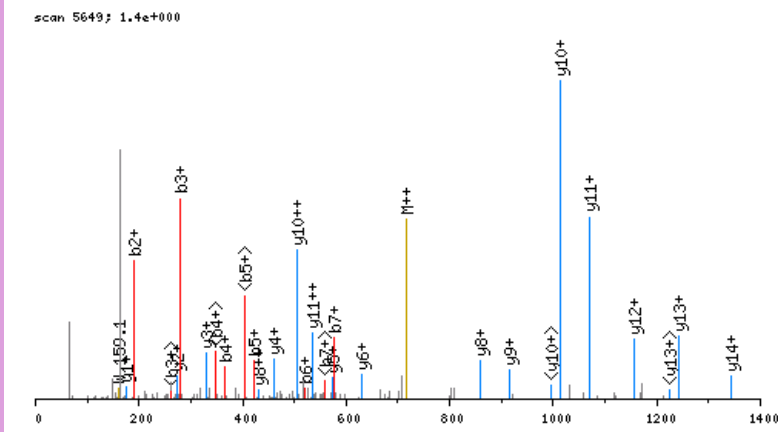
y + 2+ 3+

z + 2+ 3+

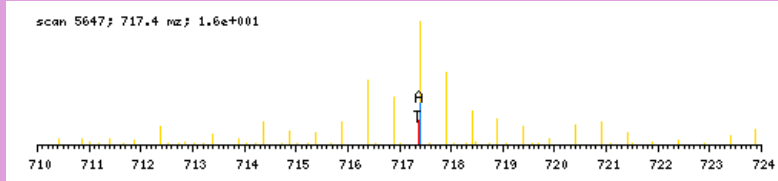
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G	15	
191.1608	2	V	14	671.8345
278.1928	3	S	13	622.3003
365.2248	4	S	12	578.7843
422.2463	5	G	11	535.2683
519.2991	6	P	10	506.7575
576.3205	7	G	9	458.2311
673.3733	8	P	8	429.7204
804.4138	9	M	7	381.1940
861.4352	10	G	6	315.6738
974.5193	11	L	5	287.1631
1105.5598	12	M	4	230.6210
1162.5813	13	G	3	165.1008
1259.6340	14	P	2	136.5900
	15	R	1	88.0637

N-term:+35.07

GYDEKSAGVSVPGPMGPGSPR, MH+ 2113.1024, m/z 705.0390
 H OS G26 P150811 220811-s1.03779.03779.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

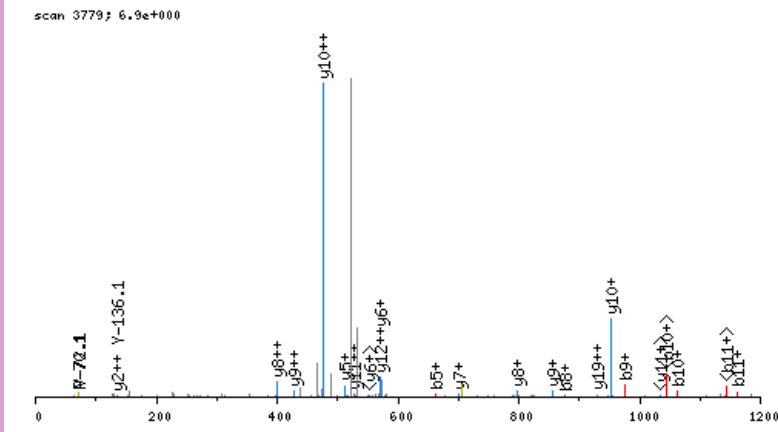
y + 2+ 3+

z + 2+ 3+

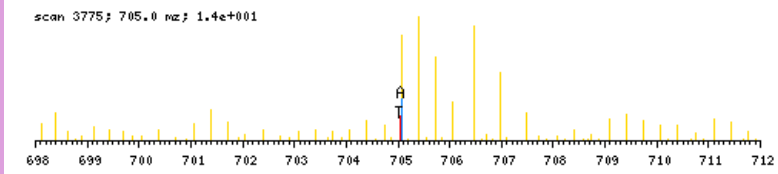
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 21		
255.1557	2	Y 20	2022.0179	1011.5129
370.1826	3	D 19	1858.9546	929.9812
499.2252	4	E 18	1743.9276	872.4677
661.3833	5	K 17	1614.8850	807.9464
748.4154	6	S 16	1452.7269	726.8674
819.4525	7	A 15	1365.6949	683.3514
876.4739	8	G 14	1294.6578	647.8328
975.5423	9	V 13	1237.6363	619.3221
1062.5744	10	S 12	1138.5679	569.7879
1161.6428	11	V 11	1051.5359	526.2718
1258.6956	12	P 10	952.4675	476.7376
1315.7170	13	G 9	855.4147	428.2113
1412.7698	14	P 8	798.3932	399.7005
1543.8103	15	M 7	701.3405	351.1741
1600.8317	16	G 6	570.3000	285.6539
1697.8845	17	P 5	513.2785	257.1432
1784.9165	18	S 4	416.2258	208.6168
1841.9380	19	G 3	329.1937	165.1008
1938.9908	20	P 2	272.1723	136.5900
	21	R 1	175.1195	88.0637

N-term:+35.07 K(5):+162.16

GYEDFVEGLR, MH+ 1218.6219, m/z 609.8146
 H OS G25 P150811 220811-s1.06946.06946.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

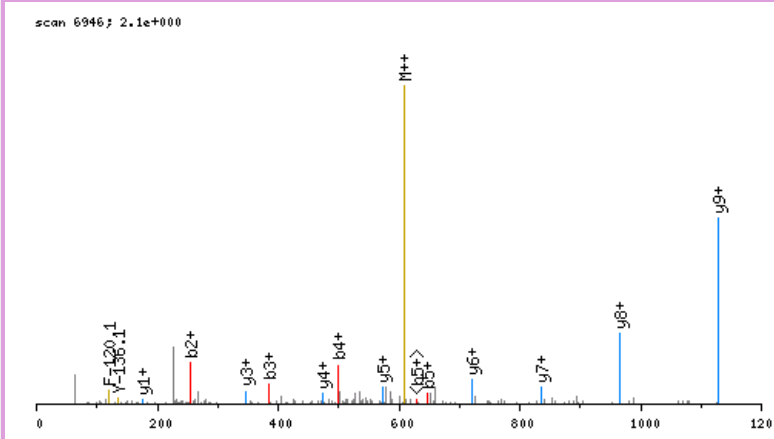
y + 2+ 3+

z + 2+ 3+

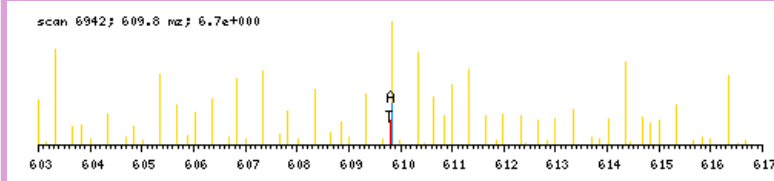
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



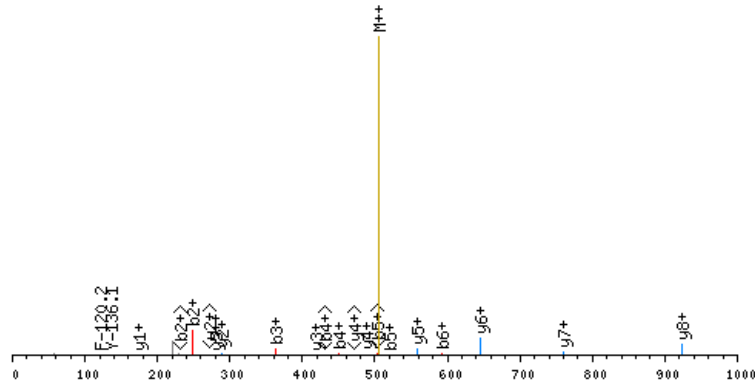
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G	10	
255.1557	2	Y	9	1127.5373
384.1983	3	E	8	964.4740
499.2252	4	D	7	835.4314
646.2936	5	F	6	720.4044
745.3621	6	V	5	573.3360
874.4046	7	E	4	474.2676
931.4261	8	G	3	345.2250
1044.5102	9	L	2	288.2036
	10	R	1	175.1195

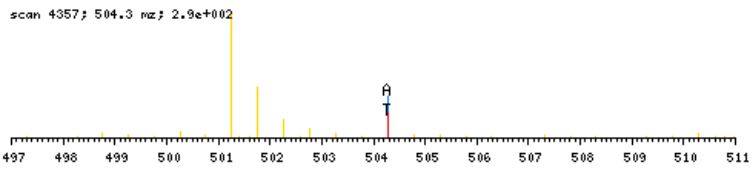
N-term:+35.07

GYISAAELR, MH+ 1007.5525, m/z 504.2799
 L OS G25 P150811 220811-s1.04359.04359.2.dta

scan 4359; 1.6e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

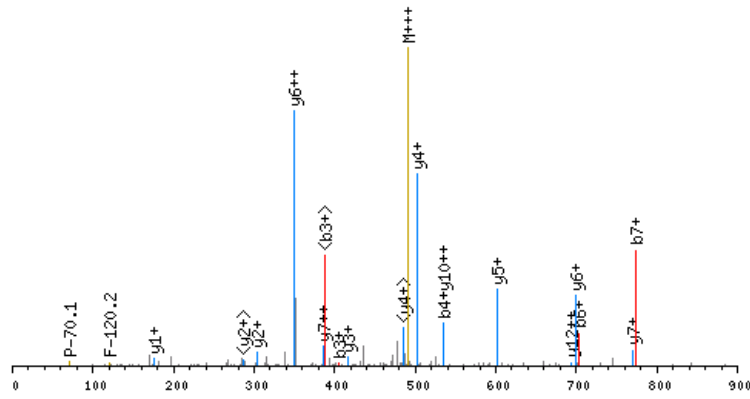
GO

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G	9	
249.1239	2	Y	8	922.4998
362.2080	3	I	7	759.4365
449.2400	4	S	6	646.3524
520.2771	5	A	5	559.3204
591.3142	6	A	4	488.2833
720.3568	7	E	3	417.2462
833.4409	8	L	2	288.2036
	9	R	1	175.1195

N-term:+29.04

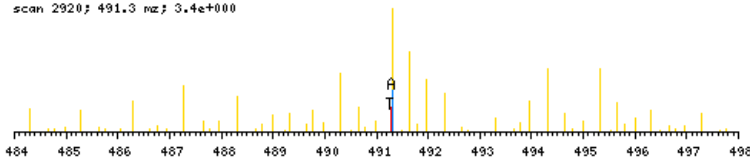
GYKEPAAPVSIQR, MH+ 1471.8273, m/z 491.2806
 L OS G26 P150811 220811-s1.02923.02923.3.dta

scan 2923; 2.5e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2920; 491.3 m/z; 3.4e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

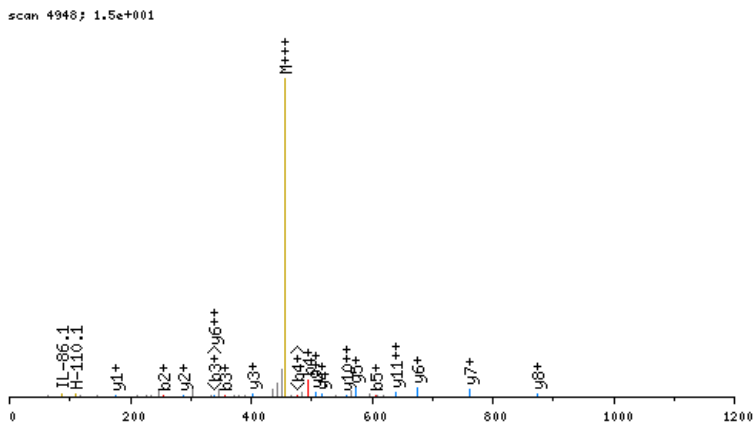
zoom 112-122

GO

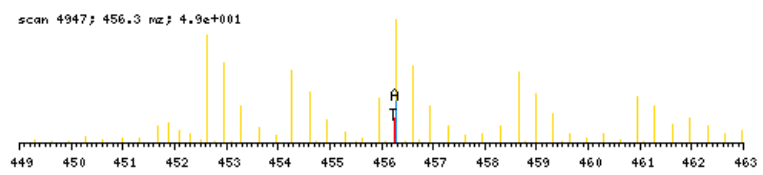
b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 13		
249.1239	2	Y 12	1386.7746	693.8912
405.2502	3	K 11	1223.7112	612.3595
534.2928	4	E 10	1067.5849	534.2964
631.3455	5	P 9	938.5423	469.7751
702.3827	6	A 8	841.4896	421.2487
773.4198	7	A 7	770.4525	385.7301
870.4725	8	P 6	699.4153	350.2116
969.5410	9	V 5	602.3626	301.6852
1056.5730	10	S 4	503.2942	252.1510
1169.6570	11	I 3	416.2621	208.6350
1297.7156	12	Q 2	303.1781	152.0930
	13	R 1	175.1195	88.0637

N-term:+29.04 K(3):+156.13

GYTHLSTGDLRL, MH+ 1366.7543, m/z 456.2563
 H OS G27 P150811 220811-s1.04948.04948.3.dta



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 12		
255.1557	2	Y 11	1275.6697	638.3388
356.2034	3	T 10	1112.6064	556.8071
493.2623	4	H 9	1011.5587	506.2833
606.3463	5	L 8	874.4998	437.7538
693.3784	6	S 7	761.4157	381.2118
794.4261	7	T 6	674.3837	337.6958
851.4475	8	G 5	573.3360	287.1719
966.4745	9	D 4	516.3146	258.6612
1079.5585	10	L 3	401.2876	201.1477
1192.6426	11	L 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+35.07

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

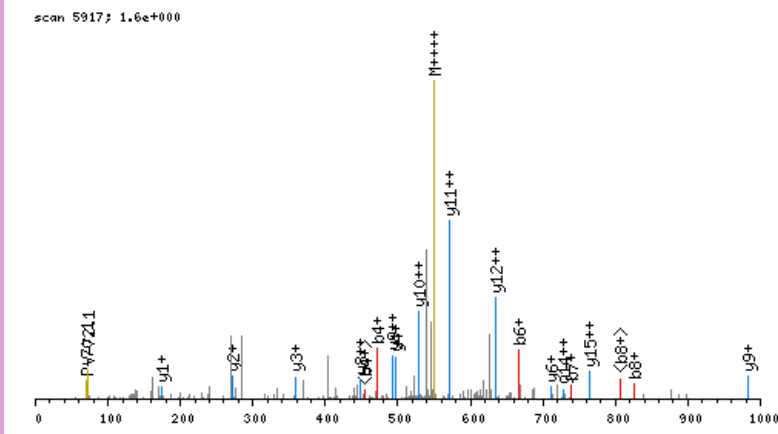
y + 2+ 3+

z + 2+ 3+

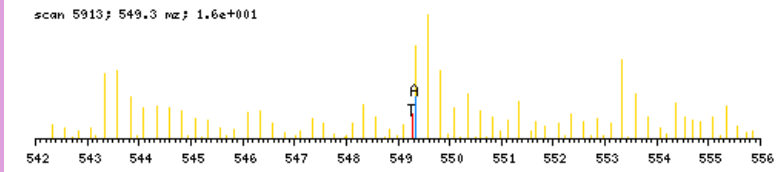
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
166.0980	1	H	21		
237.1351	2	A	20	2029.0242	1015.0160
384.2035	3	F	19	1957.9871	979.4975
471.2356	4	S	18	1810.9187	905.9633
568.2883	5	P	17	1723.8867	862.4473
667.3567	6	V	16	1626.8339	813.9209
738.3939	7	A	15	1527.7655	764.3867
825.4259	8	S	14	1456.7284	728.8681
924.4943	9	V	13	1369.6964	685.3521
1053.5369	10	E	12	1270.6280	635.8179
1140.5689	11	S	11	1141.5854	571.2966
1211.6060	12	A	10	1054.5533	527.7806
1298.6381	13	S	9	983.5162	492.2620
1355.6595	14	G	8	896.4842	448.7460
1484.7021	15	E	7	839.4627	420.2353
1585.7498	16	T	6	710.4201	355.7140
1698.8339	17	L	5	609.3725	305.1901
1835.8928	18	H	4	496.2884	248.6481
1922.9248	19	S	3	359.2295	180.1187
2019.9776	20	P	2	272.1975	136.6026
	21	K	1	175.1447	88.0763

N-term:+29.04 K(21):+156.13

HSSISEEVAELGR, MH+ 1685.7982, m/z 562.6043
 L OS G26 P150811 220811-s1.03184.03184.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

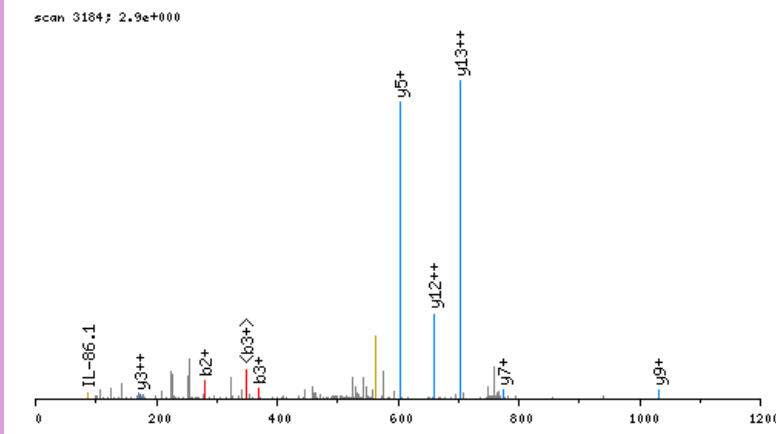
y + 2+ 3+

z + 2+ 3+

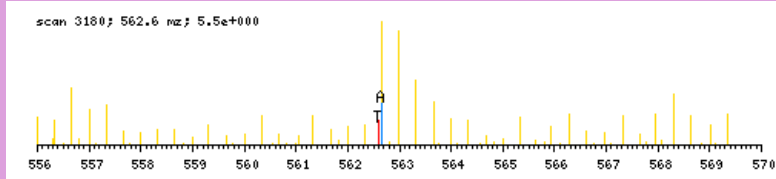
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



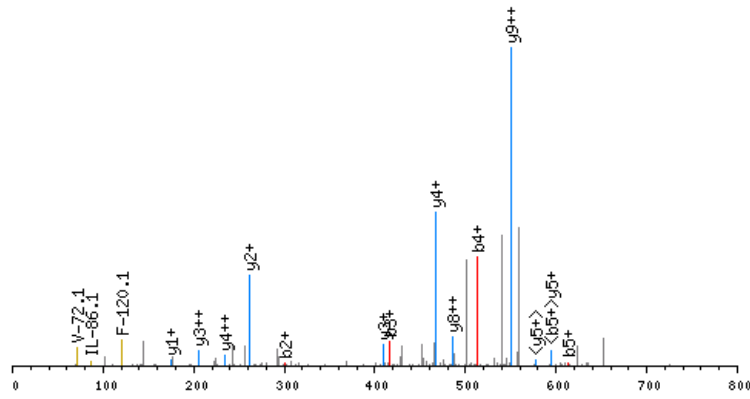
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
166.0980	1	H 15		
281.1250	2	D 14	1520.7080	760.8579
368.1570	3	S 13	1405.6811	703.3445
455.1890	4	S 12	1318.6490	659.8284
568.2731	5	I 11	1231.6170	616.3124
655.3051	6	S 10	1118.5330	559.7704
784.3477	7	E 9	1031.5009	516.2544
913.3903	8	E 8	902.4583	451.7331
1012.4587	9	V 7	773.4157	387.2118
1083.4958	10	A 6	674.3473	337.6776
1212.5384	11	E 5	603.3102	302.1590
1341.5810	12	E 4	474.2676	237.6377
1454.6651	13	L 3	345.2250	173.1164
1511.6865	14	G 2	232.1410	116.5744
	15	R 1	175.1195	88.0637

N-term:+29.04

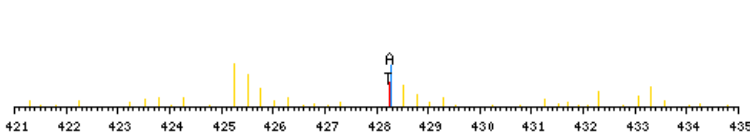
HEDPVEKVIIEGFSR, MH+ 1709.9499, m/z 428.2429
 H OS G28 P150811 220811-s1.07851.07851.4.dta

scan 7851; 3.1e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 7848; 428.2 m/z; 1.9e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

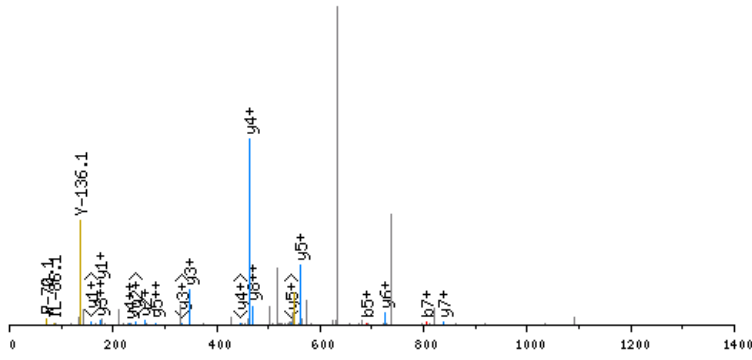
GO

b ⁺	#	AA #	y ⁺	y ²⁺
172.1298	1	H 14		
301.1724	2	E 13	1538.8279	769.9179
416.1993	3	D 12	1409.7853	705.3966
513.2521	4	P 11	1294.7583	647.8831
612.3205	5	V 10	1197.7056	599.3567
741.3631	6	E 9	1098.6372	549.8225
903.5212	7	K 8	969.5946	485.3012
1002.5896	8	V 7	807.4365	404.2222
1115.6737	9	I 6	708.3681	354.6879
1244.7163	10	E 5	595.2840	298.1459
1301.7378	11	G 4	466.2414	233.6246
1448.8062	12	F 3	409.2199	205.1139
1535.8382	13	S 2	262.1515	131.5797
	14	R 1	175.1195	88.0637

N-term:+35.07 K(7):+162.16

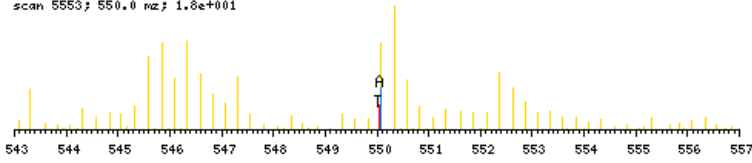
HENLKGDDLDPNYVLSSR, MH+ 2197.1525, m/z 550.0436
 H OS G28 P150811 220811-s1.05556.05556.4.dta

scan 5556; 1.1e+001



click image to zoom in; click top corners to zoom out [precursor±]

scan 5553; 550.0 mz; 1.8e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
172.1298	1	H	19		
301.1724	2	E	18	2026.0306	1013.5192
415.2153	3	N	17	1896.9880	948.9979
528.2994	4	L	16	1782.9450	891.9764
690.4575	5	K	15	1669.8610	835.4344
747.4790	6	G	14	1507.7029	754.3554
804.5004	7	G	13	1450.6814	725.8446
919.5274	8	D	12	1393.6599	697.3339
1034.5543	9	D	11	1278.6330	639.8204
1147.6384	10	L	10	1163.6061	582.3069
1262.6653	11	D	9	1050.5220	525.7649
1359.7181	12	P	8	935.4951	468.2514
1473.7610	13	N	7	838.4423	419.7251
1636.8243	14	Y	6	724.3994	362.7036
1735.8928	15	V	5	561.3360	281.1719
1848.9768	16	L	4	462.2676	231.6377
1936.0088	17	S	3	349.1836	175.0957
2023.0409	18	S	2	262.1515	131.5797
	19	R	1	175.1195	88.0637

N-term:+35.07 K(5):+162.16

HHPEFTPDPQTER, MH+ 1624.7932, m/z 542.2692
 H OS G28 P150811 220811-s1.02429.02429.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

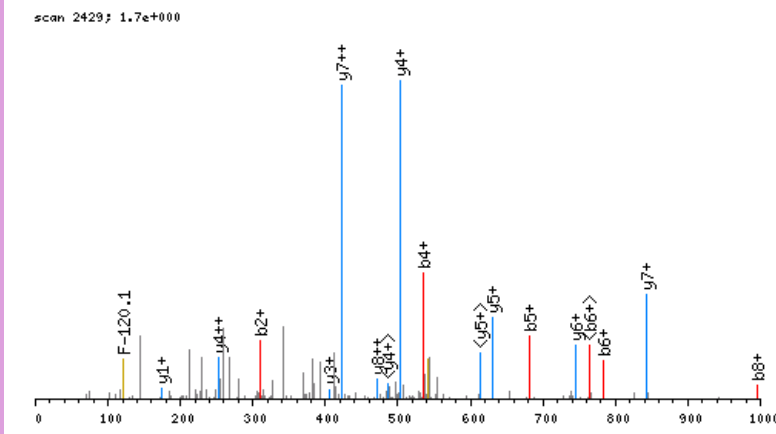
y + 2+ 3+

z + 2+ 3+

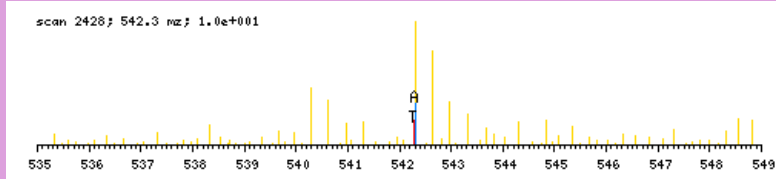
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



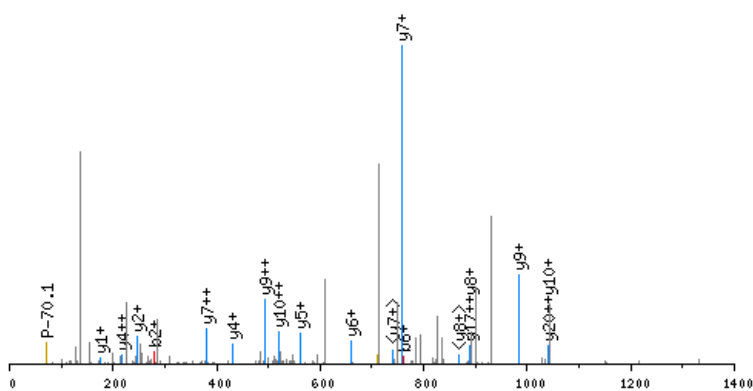
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
172.1298	1	H 13		
309.1887	2	H 12	1453.6712	727.3395
406.2415	3	P 11	1316.6123	658.8100
535.2841	4	E 10	1219.5595	610.2837
682.3525	5	F 9	1090.5169	545.7624
783.4002	6	T 8	943.4485	472.2282
880.4529	7	P 7	842.4008	421.7043
995.4799	8	D 6	745.3481	373.1779
1123.5385	9	Q 5	630.3211	315.6645
1220.5912	10	P 4	502.2625	251.6352
1321.6389	11	T 3	405.2098	203.1088
1450.6815	12	E 2	304.1621	152.5850
	13	R 1	175.1195	88.0637

N-term:+35.07

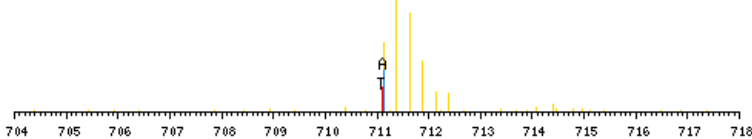
HIVERPYSGFDPDASSEGPEPTQGEAR, MH+ 2841.3444, m/z 711.0915
 L OS G28 P150811 220811-s1.04927.04927.4.dta

scan 4927; 2.3e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 4928; 711.1 m/z; 1.8e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
166.0980	1	H 26		
279.1821	2	I 25	2676.2542	1338.6310
378.2505	3	V 24	2563.1701	1282.0890
507.2931	4	E 23	2464.1017	1232.5548
663.3942	5	R 22	2335.0591	1168.0335
760.4470	6	P 21	2178.9580	1089.9829
923.5103	7	Y 20	2081.9052	1041.4565
1010.5423	8	S 19	1918.8419	959.9249
1067.5638	9	G 18	1831.8099	916.4088
1214.6322	10	F 17	1774.7884	887.8981
1311.6850	11	P 16	1627.7200	814.3639
1426.7119	12	D 15	1530.6672	765.8375
1497.7490	13	A 14	1415.6403	708.3241
1584.7810	14	S 13	1344.6032	672.8055
1671.8131	15	S 12	1257.5711	629.2895
1800.8557	16	E 11	1170.5391	585.7735
1857.8771	17	G 10	1041.4965	521.2522
1954.9299	18	P 9	984.4750	492.7414
2083.9725	19	E 8	887.4223	444.2151
2181.0252	20	P 7	758.3797	379.6938
2282.0729	21	T 6	661.3269	331.1674
2410.1315	22	Q 5	560.2792	280.6435
2467.1530	23	G 4	432.2207	216.6142
2596.1956	24	E 3	375.1992	188.1035
2667.2327	25	A 2	246.1566	123.5822
	26	R 1	175.1195	88.0637

N-term:+29.04

HLKGNVKG EYDVTVPR, MH+ 1993.1235, m/z 499.0363
 L OS G28 P150811 220811-s1.04056.04056.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

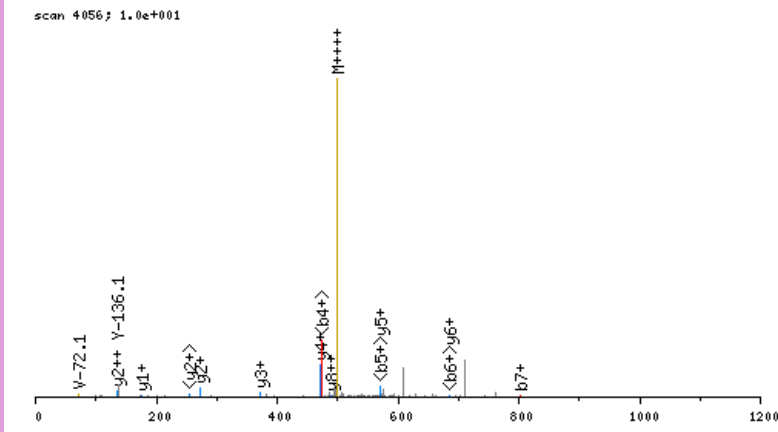
y + 2+ 3+

z + 2+ 3+

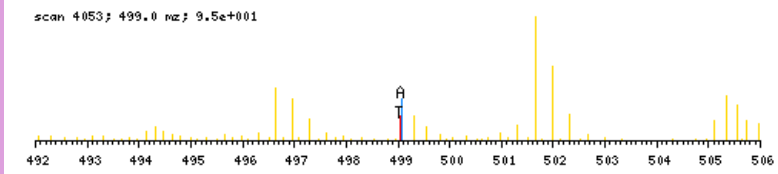
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
166.0980	1	H	17		
279.1821	2	L	16	1828.0333	914.5206
435.3084	3	K	15	1714.9493	857.9785
492.3298	4	G	14	1558.8230	779.9154
589.3826	5	P	13	1501.8015	751.4047
703.4255	6	N	12	1404.7487	702.8783
802.4939	7	V	11	1290.7058	645.8568
958.6202	8	K	10	1191.6374	596.3226
1015.6417	9	G	9	1035.5111	518.2595
1144.6843	10	E	8	978.4896	489.7487
1307.7476	11	Y	7	849.4470	425.2274
1422.7746	12	D	6	686.3837	343.6958
1521.8430	13	V	5	571.3568	286.1823
1622.8907	14	T	4	472.2884	236.6481
1721.9591	15	V	3	371.2407	186.1243
1819.0118	16	P	2	272.1723	136.5900
	17	R	1	175.1195	88.0637

N-term:+29.04 K(3):+156.13
 K(8):+156.13

HLPAPQAVSSTKGR, MH+ 1508.8549, m/z 503.6232
 L OS G28 P150811 220811-s1.02140.02140.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

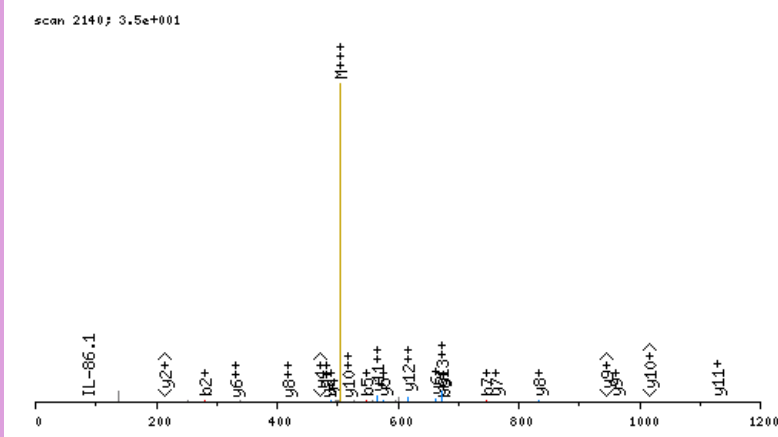
y + 2+ 3+

z + 2+ 3+

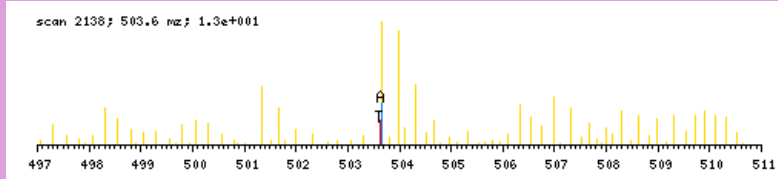
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



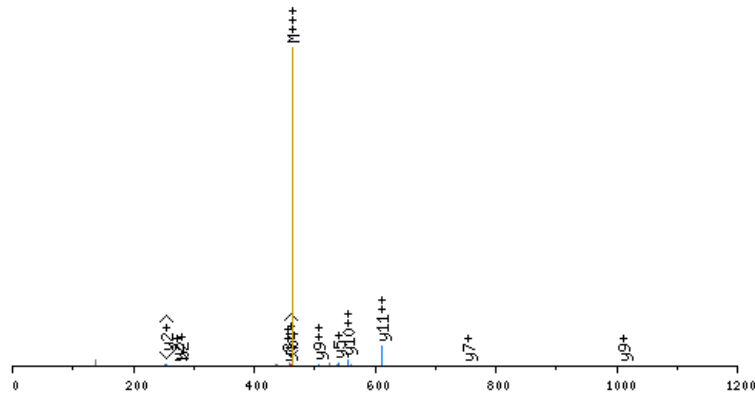
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
166.0980	1	H 14		
279.1821	2	L 13	1343.7647	672.3863
380.2298	3	T 12	1230.6807	615.8442
477.2825	4	P 11	1129.6330	565.3204
548.3196	5	A 10	1032.5802	516.7940
676.3782	6	Q 9	961.5431	481.2755
747.4153	7	A 8	833.4845	417.2462
846.4837	8	V 7	762.4474	381.7276
933.5158	9	S 6	663.3790	332.1934
1020.5478	10	S 5	576.3470	288.6774
1121.5955	11	T 4	489.3149	245.1614
1277.7218	12	K 3	388.2673	194.6375
1334.7432	13	G 2	232.1410	116.5744
	14	R 1	175.1195	88.0637

N-term:+29.04 K(12):+156.13

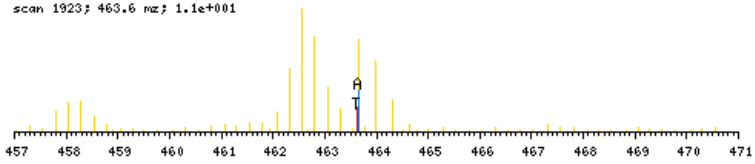
HLVTKSQPVAPR, MH+ 1388.8378, m/z 463.6175
 L OS G28 P150811 220811-s1.01925.01925.3.dta

scan 1925; 2.9e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 1923; 463.6 m/z; 1.1e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

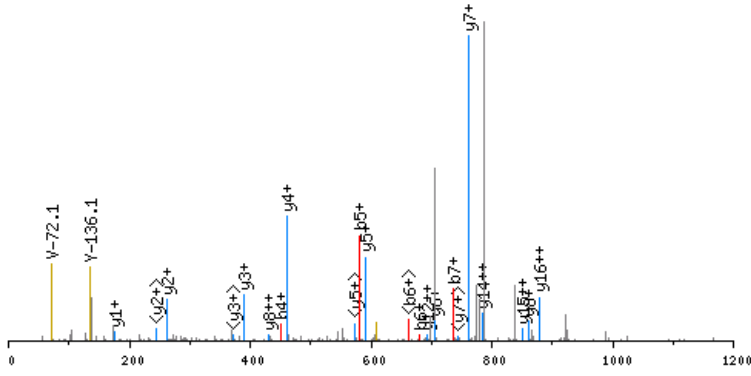
GO

b ⁺	#	AA #	y ⁺	y ²⁺
166.0980	1	H 12		
279.1821	2	L 11	1223.7476	612.3777
378.2505	3	V 10	1110.6636	555.8357
479.2982	4	T 9	1011.5951	506.3015
635.4245	5	K 8	910.5475	455.7776
722.4565	6	S 7	754.4212	377.7145
850.5151	7	Q 6	667.3891	334.1985
947.5678	8	P 5	539.3306	270.1692
1046.6363	9	V 4	442.2778	221.6428
1117.6734	10	A 3	343.2094	172.1086
1214.7261	11	P 2	272.1723	136.5900
	12	R 1	175.1195	88.0637

N-term:+29.04 K(5):+156.13

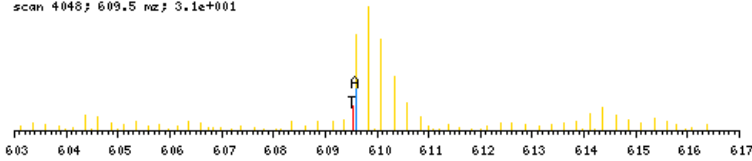
HQGVVMGMGQKDSYVGDEAQS, MH+ 2435.1700, m/z 609.5479
 L OS G28 P150811 220811-s1.04050.04050.4.dta

scan 4050; 3.9e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 4048; 609.5 m/z; 3.1e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

0 - 0

MassTol: Y-zoom:

0. 1.

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
166.0980	1	H 22		
294.1566	2	Q 21	2270.0798	1135.5438
351.1781	3	G 20	2142.0212	1071.5145
450.2465	4	V 19	2084.9997	1043.0038
581.2870	5	M 18	1985.9313	993.4696
680.3554	6	V 17	1854.8908	927.9493
737.3768	7	G 16	1755.8224	878.4151
868.4173	8	M 15	1698.8009	849.9044
925.4388	9	G 14	1567.7605	784.3841
1053.4974	10	Q 13	1510.7390	755.8734
1209.6237	11	K 12	1382.6804	691.8441
1324.6506	12	D 11	1226.5541	613.7810
1411.6826	13	S 10	1111.5272	556.2675
1574.7460	14	Y 9	1024.4952	512.7515
1673.8144	15	V 8	861.4318	431.2198
1730.8358	16	G 7	762.3634	381.6856
1845.8628	17	D 6	705.3419	353.1749
1974.9054	18	E 5	590.3150	295.6614
2045.9425	19	A 4	461.2724	231.1401
2174.0011	20	Q 3	390.2353	195.6216
2261.0331	21	S 2	262.1767	131.5923
	22	K 1	175.1447	88.0763

N-term: +29.04 K(11): +156.13
 K(22): +156.13

HQGVVMVGMGQKDSYVGDEAQSQR, MH+ 2591.2711, m/z 648.5732
 L OS G28 P150811 220811-s1.03594.03594.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

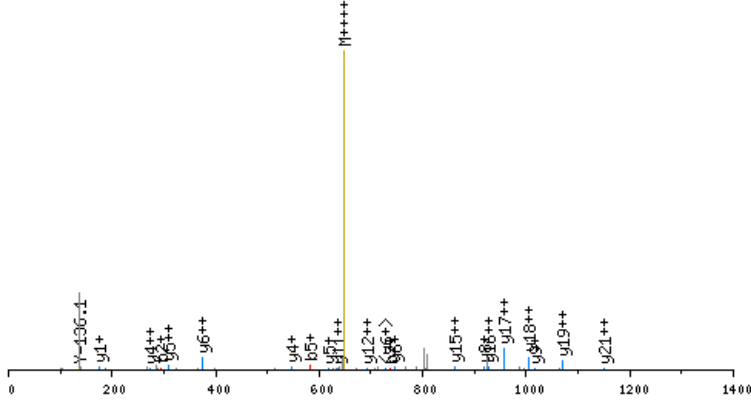
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

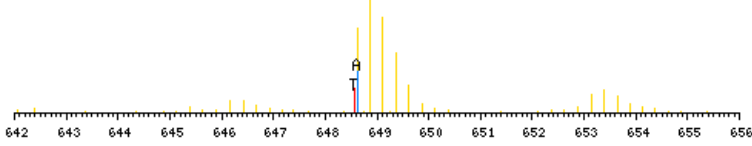
scan 3594; 1.9e+001



click image to zoom in; click top corners to zoom out

[\[precursor±\]](#)

scan 3593; 648.6 m/z; 4.5e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
166.0980	1	H	23		
294.1566	2	Q	22	2426.1809	1213.5944
351.1781	3	G	21	2298.1223	1149.5651
450.2465	4	V	20	2241.1008	1121.0543
581.2870	5	M	19	2142.0324	1071.5201
680.3554	6	V	18	2010.9919	1005.9999
737.3768	7	G	17	1911.9235	956.4657
868.4173	8	M	16	1854.9021	927.9549
925.4388	9	G	15	1723.8616	862.4347
1053.4974	10	Q	14	1666.8401	833.9240
1209.6237	11	K	13	1538.7815	769.8947
1324.6506	12	D	12	1382.6552	691.8315
1411.6826	13	S	11	1267.6283	634.3181
1574.7460	14	Y	10	1180.5963	590.8020
1673.8144	15	V	9	1017.5329	509.2704
1730.8358	16	G	8	918.4645	459.7362
1845.8628	17	D	7	861.4431	431.2254
1974.9054	18	E	6	746.4161	373.7120
2045.9425	19	A	5	617.3735	309.1907
2174.0011	20	Q	4	546.3364	273.6721
2261.0331	21	S	3	418.2778	209.6428
2417.1594	22	K	2	331.2458	166.1268
	23	R	1	175.1195	88.0637

N-term: +29.04 K(11): +156.13
 K(22): +156.13

HSILPVDDDDINGLNEEQKQLR, MH+ 2489.3000, m/z 623.0805
 L OS G28 P150811 220811-s1.07239.07239.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

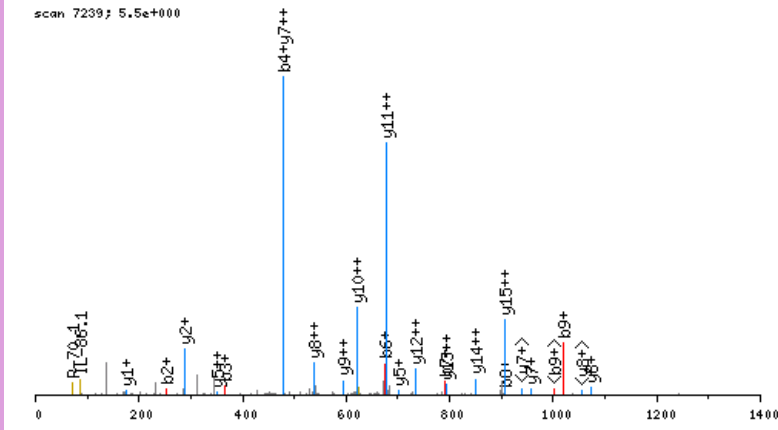
y + 2+ 3+

z + 2+ 3+

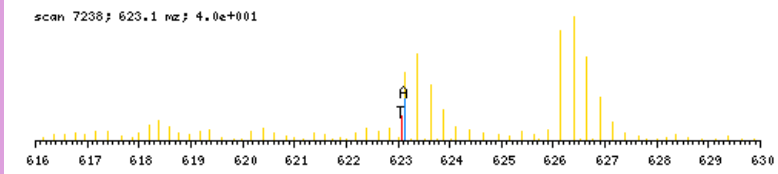
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
166.0980	1	H 21		
253.1300	2	S 20	2324.2098	1162.6088
366.2141	3	I 19	2237.1778	1119.0928
479.2982	4	L 18	2124.0937	1062.5508
576.3509	5	P 17	2011.0097	1006.0087
675.4193	6	V 16	1913.9569	957.4824
790.4463	7	D 15	1814.8885	907.9482
905.4732	8	D 14	1699.8615	850.4347
1020.5002	9	D 13	1584.8346	792.9212
1133.5842	10	I 12	1469.8077	735.4077
1247.6272	11	N 11	1356.7236	678.8657
1304.6486	12	G 10	1242.6807	621.8442
1417.7327	13	L 9	1185.6592	593.3335
1531.7756	14	N 8	1072.5751	536.7915
1660.8182	15	E 7	958.5322	479.7700
1789.8608	16	E 6	829.4896	415.2487
1917.9194	17	Q 5	700.4470	350.7274
2074.0457	18	K 4	572.3884	286.6981
2202.1043	19	Q 3	416.2621	208.6350
2315.1883	20	L 2	288.2036	144.6057
	21	R 1	175.1195	88.0637

N-term:+29.04 K(18):+156.13

HSNALNEDTQDELGDPR, MH+ 1938.8793, m/z 646.9646
 L OS G27 P150811 220811-s1.03301.03301.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

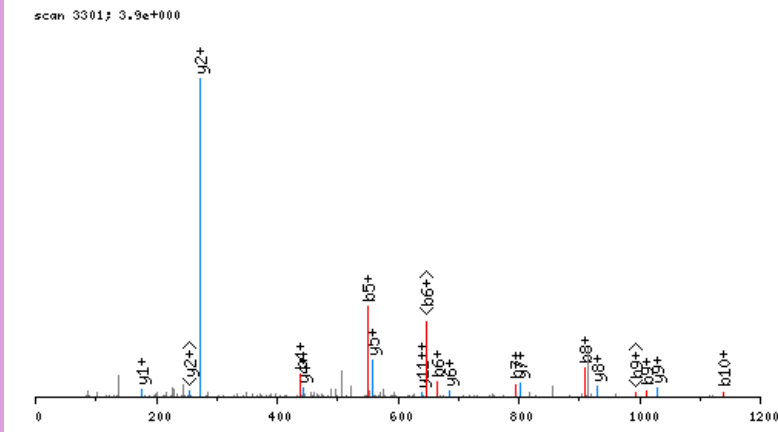
y + 2+ 3+

z + 2+ 3+

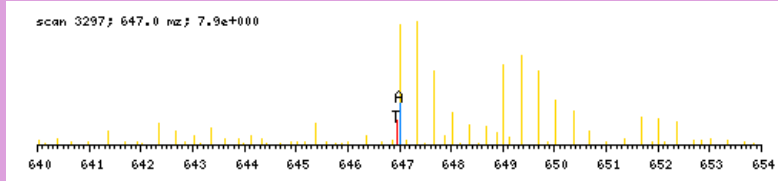
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
166.0980	1	H 17		
253.1300	2	S 16	1773.7891	887.3985
367.1730	3	N 15	1686.7571	843.8825
438.2101	4	A 14	1572.7142	786.8610
551.2941	5	L 13	1501.6771	751.3424
665.3371	6	N 12	1388.5930	694.8004
794.3797	7	E 11	1274.5501	637.7789
909.4066	8	D 10	1145.5075	573.2576
1010.4543	9	T 9	1030.4805	515.7442
1138.5129	10	Q 8	929.4328	465.2203
1253.5398	11	D 7	801.3743	401.1910
1382.5824	12	E 6	686.3473	343.6776
1495.6665	13	L 5	557.3047	279.1563
1552.6879	14	G 4	444.2207	222.6142
1667.7149	15	D 3	387.1992	194.1035
1764.7676	16	P 2	272.1723	136.5900
	17	R 1	175.1195	88.0637

N-term:+29.04

HTEAAEVLLER, MH+ 1301.7277, m/z 434.5808
 H OS G27 P150811 220811-s1.04246.04246.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

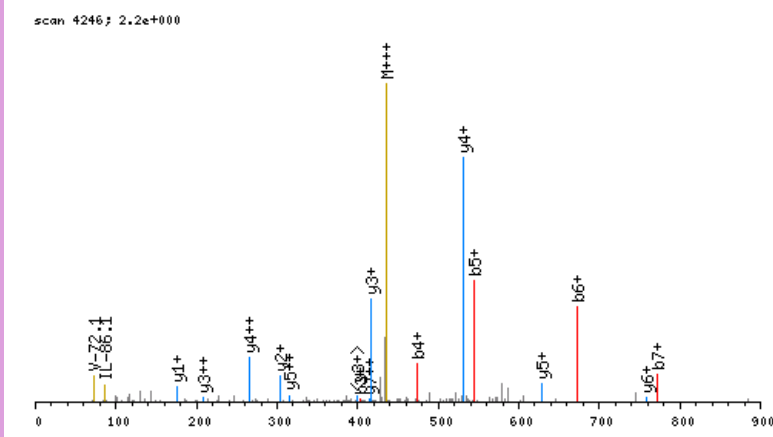
y + 2+ 3+

z + 2+ 3+

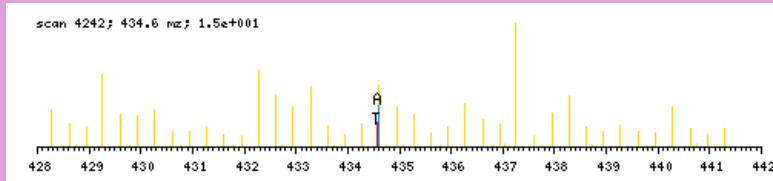
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
172.1298	1	H 11		
273.1775	2	T 10	1130.6057	565.8068
402.2201	3	E 9	1029.5580	515.2829
473.2572	4	A 8	900.5155	450.7616
544.2943	5	A 7	829.4783	415.2431
673.3369	6	E 6	758.4412	379.7245
772.4053	7	V 5	629.3986	315.2032
885.4894	8	L 4	530.3302	265.6690
998.5734	9	L 3	417.2462	209.1270
1127.6160	10	E 2	304.1621	152.5850
	11	R 1	175.1195	88.0637

N-term:+35.07

HVAVDTEKIIR, MH+ 1324.7589, m/z 442.2578
 L OS G28 P150811 220811-s1.02292.02292.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

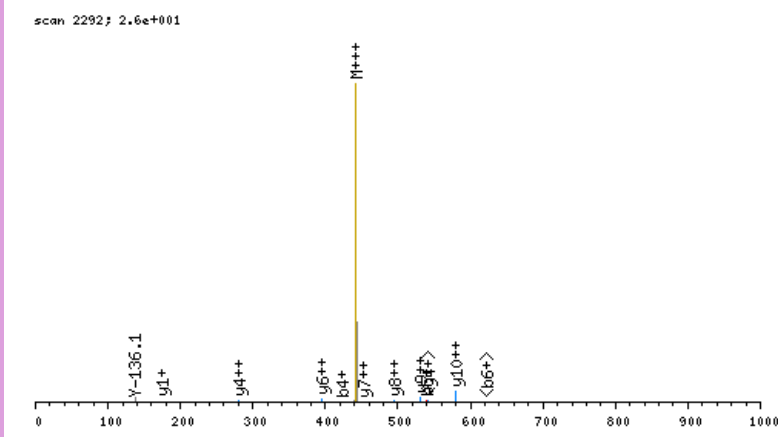
y + 2+ 3+

z + 2+ 3+

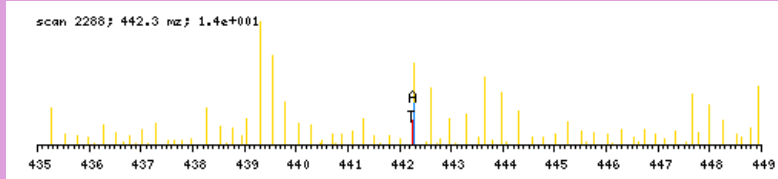
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
166.0980	1	H 11		
265.1664	2	V 10	1159.6687	580.3383
336.2035	3	A 9	1060.6003	530.8041
423.2356	4	S 8	989.5632	495.2855
538.2625	5	D 7	902.5311	451.7695
639.3102	6	T 6	787.5042	394.2560
768.3528	7	E 5	686.4565	343.7322
924.4791	8	K 4	557.4139	279.2109
1037.5631	9	I 3	401.2876	201.1477
1150.6472	10	I 2	288.2036	144.6057
	11	R 1	175.1195	88.0637

N-term:+29.04 K(8):+156.13

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

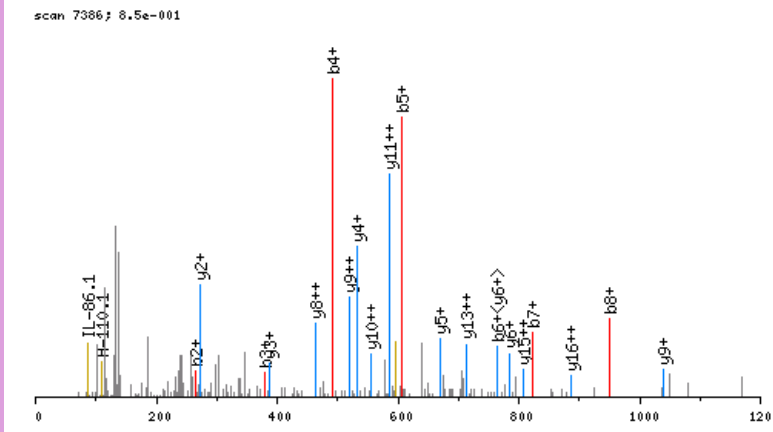
y + 2+ 3+

z + 2+ 3+

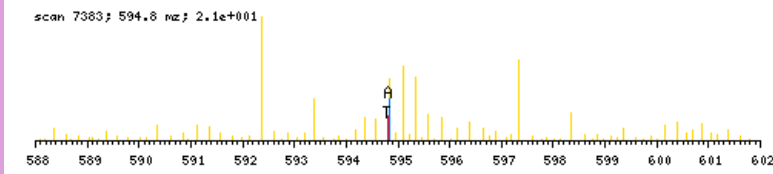
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
166.0980	1	H	21		
265.1664	2	V	20	2211.0616	1106.0347
379.2094	3	N	19	2111.9932	1056.5005
492.2934	4	L	18	1997.9503	999.4791
605.3775	5	L	17	1884.8662	942.9370
765.4081	6	C	16	1771.7822	886.3950
822.4295	7	G	15	1611.7516	806.3797
951.4721	8	E	14	1554.7301	777.8690
1080.5147	9	E	13	1425.6875	713.3477
1208.5733	10	Q	12	1296.6449	648.8264
1265.5948	11	G	11	1168.5863	584.7971
1336.6319	12	A	10	1111.5649	556.2863
1451.6588	13	D	9	1040.5278	520.7678
1522.6959	14	A	8	925.5008	463.2543
1593.7331	15	A	7	854.4637	427.7358
1706.8171	16	L	6	783.4266	392.2172
1843.8760	17	H	5	670.3425	335.6752
1990.9444	18	F	4	533.2836	267.1457
2104.9874	19	N	3	386.2152	193.6115
2202.0401	20	P	2	272.1723	136.5900
	21	R	1	175.1195	88.0637

N-term:+29.04 C(6):+160.03

HVTNEVAQLIQGGR, MH+ 1549.8450, m/z 517.2865
 L OS G27 P150811 220811-s1.05518.05518.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

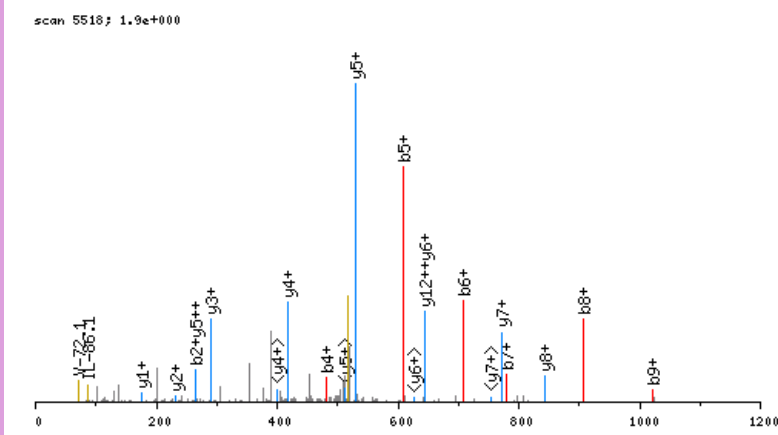
y + 2+ 3+

z + 2+ 3+

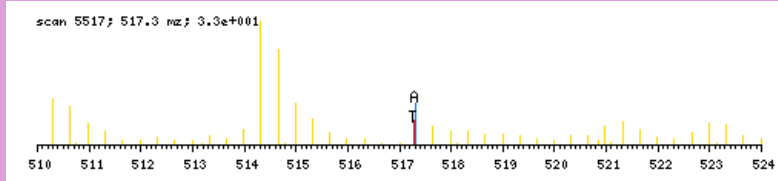
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
166.0980	1	H 14		
265.1664	2	V 13	1384.7549	692.8813
366.2141	3	T 12	1285.6864	643.3471
480.2570	4	N 11	1184.6388	592.8233
609.2996	5	E 10	1070.5958	535.8018
708.3680	6	V 9	941.5532	471.2805
779.4052	7	A 8	842.4848	421.7463
907.4637	8	Q 7	771.4477	386.2278
1020.5478	9	L 6	643.3891	322.1985
1133.6319	10	I 5	530.3051	265.6564
1261.6904	11	Q 4	417.2210	209.1144
1318.7119	12	G 3	289.1624	145.0851
1375.7334	13	G 2	232.1410	116.5744
	14	R 1	175.1195	88.0637

N-term:+29.04

IADLVVGLCTGQIKTGAPCR, MH+ 2197.2472, m/z 550.0673
 H OS G26 P150811 220811-s1.05499.05499.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

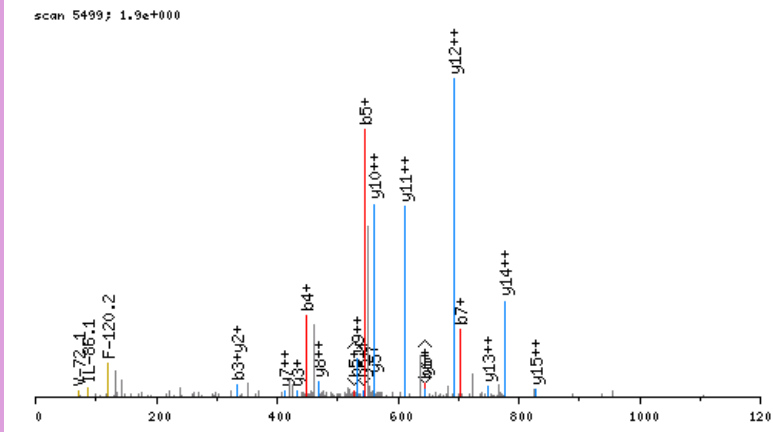
y + 2+ 3+

z + 2+ 3+

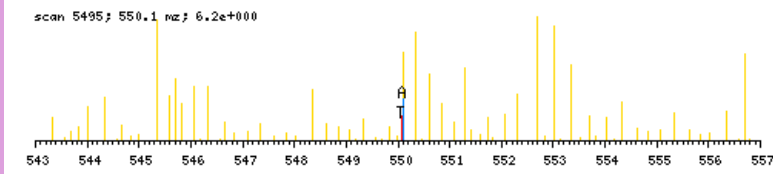
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



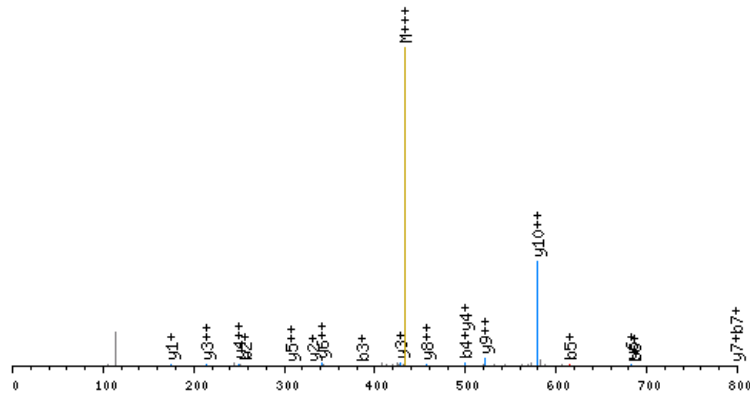
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
148.1550	1	I	20		
219.1921	2	A	19	2050.1001	1025.5540
334.2190	3	D	18	1979.0630	990.0354
447.3031	4	L	17	1864.0360	932.5219
546.3715	5	V	16	1750.9520	875.9799
645.4399	6	V	15	1651.8835	826.4457
702.4614	7	G	14	1552.8151	776.9115
815.5454	8	L	13	1495.7937	748.4007
975.5760	9	C	12	1382.7096	691.8587
1076.6237	10	T	11	1222.6790	611.8434
1133.6452	11	G	10	1121.6313	561.3196
1261.7038	12	Q	9	1064.6099	532.8088
1374.7878	13	I	8	936.5513	468.7796
1536.9459	14	K	7	823.4672	412.2375
1637.9936	15	T	6	661.3091	331.1585
1695.0151	16	G	5	560.2614	280.6346
1766.0522	17	A	4	503.2400	252.1239
1863.1049	18	P	3	432.2029	216.6053
2023.1355	19	C	2	335.1501	168.0790
	20	R	1	175.1195	88.0637

N-term:+35.07 C(9):+160.03
 K(14):+162.16 C(19):+160.03

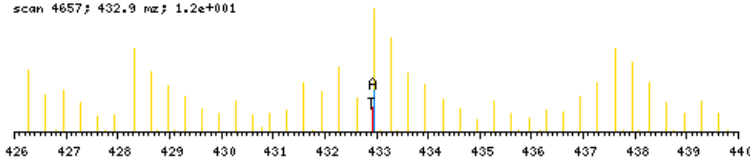
IDELDAIAPKR, MH+ 1296.7527, m/z 432.9224
 L OS G27 P150811 220811-s1.04658.04658.3.dta

scan 4658; 1.3e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4657; 432.9 m/z; 1.2e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	I 11		
257.1501	2	D 10	1155.6374	578.3226
386.1927	3	E 9	1040.6105	520.8091
499.2768	4	L 8	911.5679	456.2878
614.3037	5	D 7	798.4838	399.7458
685.3408	6	A 6	683.4569	342.2323
798.4249	7	I 5	612.4197	306.7138
869.4620	8	A 4	499.3357	250.1718
966.5148	9	P 3	428.2986	214.6532
1122.6411	10	K 2	331.2458	166.1268
	11	R 1	175.1195	88.0637

N-term:+29.04 K(10):+156.13

IDETSSEVLDELYR, MH+ 1696.8281, m/z 566.2809
 L OS G25 P150811 220811-s1.07458.07458.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

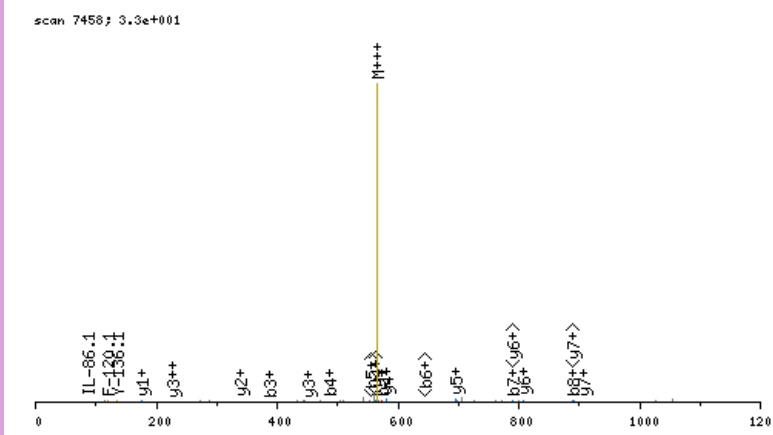
y + 2+ 3+

z + 2+ 3+

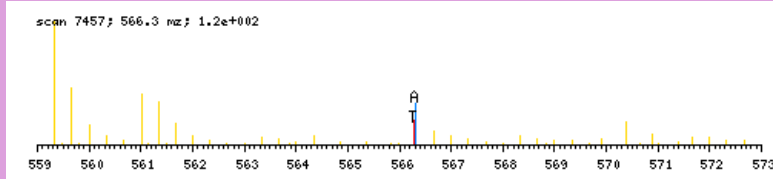
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	I 14		
257.1501	2	D 13	1555.7128	778.3603
386.1927	3	E 12	1440.6858	720.8468
487.2404	4	T 11	1311.6432	656.3255
574.2724	5	S 10	1210.5956	605.8017
661.3044	6	S 9	1123.5635	562.2857
790.3470	7	E 8	1036.5315	518.7697
889.4154	8	V 7	907.4889	454.2484
1002.4995	9	L 6	808.4205	404.7142
1117.5264	10	D 5	695.3364	348.1721
1246.5690	11	E 4	580.3095	290.6587
1359.6531	12	L 3	451.2669	226.1374
1522.7164	13	Y 2	338.1828	169.5953
	14	R 1	175.1195	88.0637

N-term:+29.04

IDGVTMEETVSGILGKR, MH+ 1944.1112, m/z 648.7086
 H OS G26 P150811 220811-s1.06697.06697.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

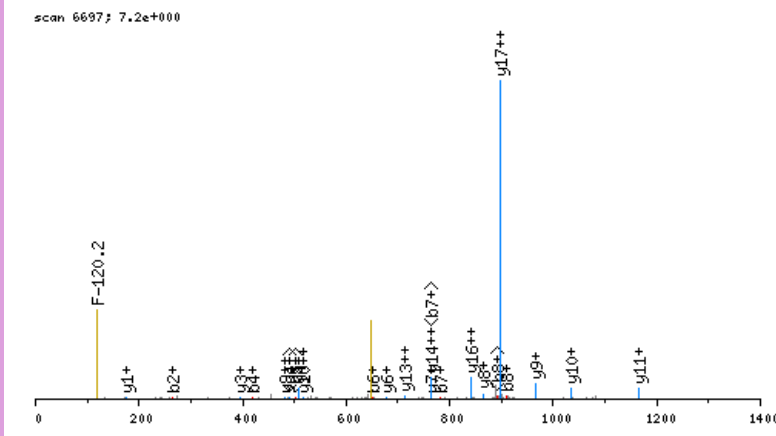
y + 2+ 3+

z + 2+ 3+

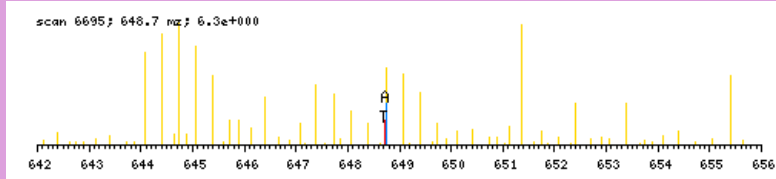
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
148.1550	1	I 18		
263.1819	2	D 17	1796.9641	898.9859
320.2034	3	G 16	1681.9371	841.4725
419.2718	4	V 15	1624.9157	812.9617
520.3195	5	T 14	1525.8472	763.4275
651.3599	6	M 13	1424.7996	712.9037
780.4025	7	E 12	1293.7591	647.3835
909.4451	8	E 11	1164.7165	582.8622
980.4822	9	A 10	1035.6739	518.3409
1081.5299	10	T 9	964.6368	482.8223
1180.5983	11	V 8	863.5891	432.2985
1267.6304	12	S 7	764.5207	382.7643
1324.6518	13	G 6	677.4887	339.2482
1437.7359	14	I 5	620.4672	310.7375
1550.8200	15	L 4	507.3831	254.1955
1607.8414	16	G 3	394.2991	197.6534
1769.9995	17	K 2	337.2776	169.1427
	18	R 1	175.1195	88.0637

N-term:+35.07 K(17):+162.16

IDSMSDSEVQAKEER, MH+ 1779.8435, m/z 593.9527
 L OS G26 P150811 220811-s1.02462.02462.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

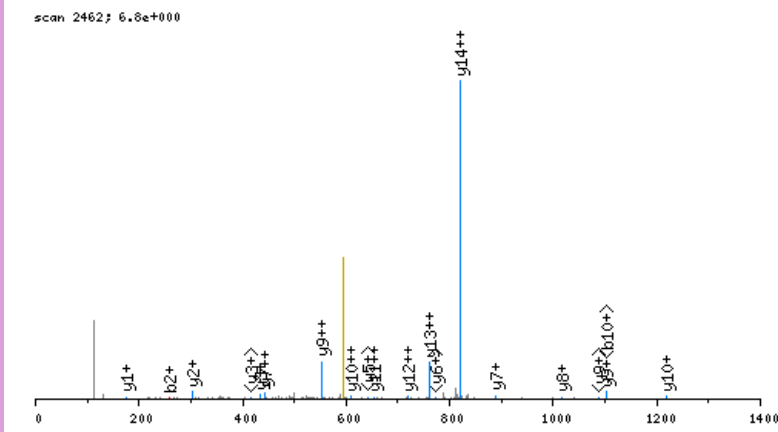
y + 2+ 3+

z + 2+ 3+

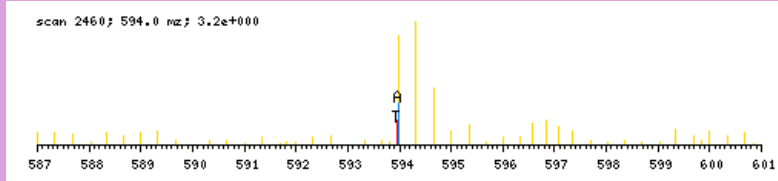
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	I	15	
257.1501	2	D	14	1638.7281
344.1821	3	S	13	1523.7012
475.2226	4	M	12	1436.6692
562.2546	5	S	11	1305.6287
677.2816	6	D	10	1218.5967
764.3136	7	S	9	1103.5697
893.3562	8	E	8	1016.5377
992.4246	9	V	7	887.4951
1120.4832	10	Q	6	788.4267
1191.5203	11	A	5	660.3681
1347.6466	12	K	4	589.3310
1476.6892	13	E	3	433.2047
1605.7318	14	E	2	304.1621
	15	R	1	175.1195

N-term:+29.04 K(12):+156.13

IDVDKTKVHNTEPVENAR, MH+ 2149.1618, m/z 538.0459
 L OS G28 P150811 220811-s1.02797.02797.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

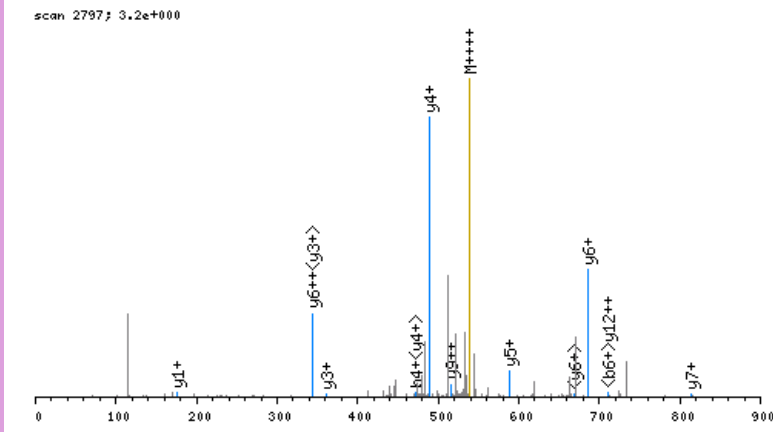
y + 2+ 3+

z + 2+ 3+

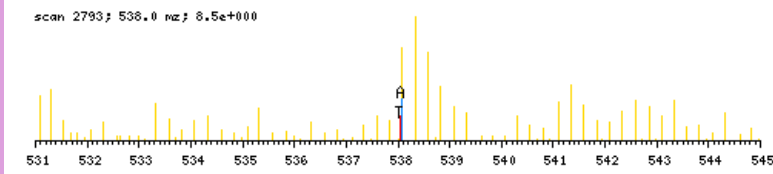
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



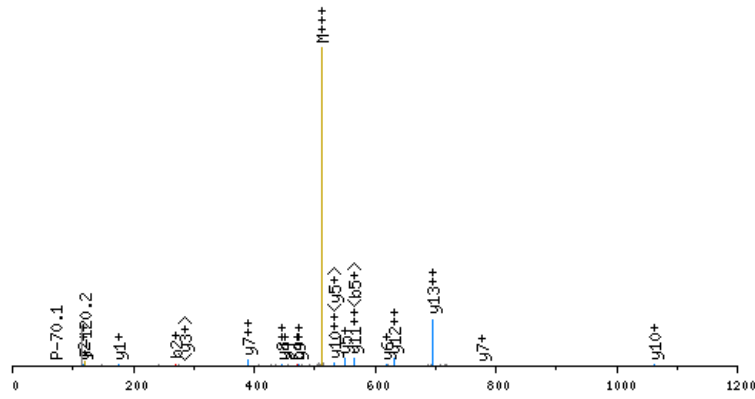
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
142.1232	1	I	18		
257.1501	2	D	17	2008.0464	1004.5271
356.2185	3	V	16	1893.0195	947.0136
471.2455	4	D	15	1793.9511	897.4794
627.3718	5	K	14	1678.9241	839.9660
728.4194	6	T	13	1522.7978	761.9028
884.5457	7	K	12	1421.7501	711.3790
983.6142	8	V	11	1265.6238	633.3158
1120.6731	9	H	10	1166.5554	583.7816
1234.7160	10	N	9	1029.4965	515.2522
1335.7637	11	T	8	915.4536	458.2307
1464.8063	12	E	7	814.4059	407.7069
1561.8590	13	P	6	685.3633	343.1856
1660.9274	14	V	5	588.3105	294.6592
1789.9700	15	E	4	489.2421	245.1250
1904.0130	16	N	3	360.1995	180.6037
1975.0501	17	A	2	246.1566	123.5822
	18	R	1	175.1195	88.0637

N-term:+29.04 K(5):+156.13
 K(7):+156.13

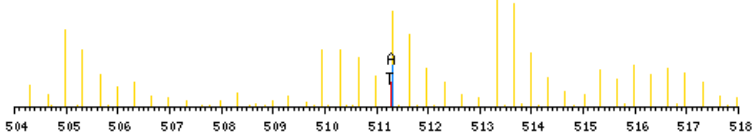
IEEALGDKAVFAGR, MH+ 1531.8484, m/z 511.2877
 L OS G26 P150811 220811-s1.03837.03837.3.dta

scan 3837; 1.9e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 3835; 511.3 m/z; 1.6e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

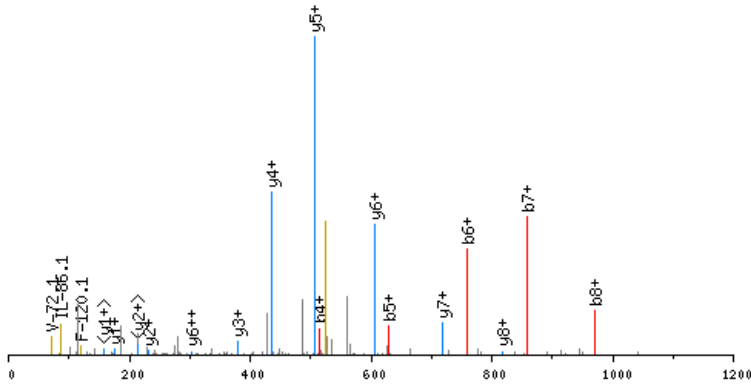
GO

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	I 14		
271.1658	2	E 13	1390.7331	695.8705
400.2084	3	E 12	1261.6905	631.3492
471.2455	4	A 11	1132.6479	566.8279
584.3295	5	L 10	1061.6108	531.3093
641.3510	6	G 9	948.5267	474.7673
756.3779	7	D 8	891.5053	446.2565
912.5042	8	K 7	776.4783	388.7431
983.5413	9	A 6	620.3520	310.6799
1082.6098	10	V 5	549.3149	275.1614
1229.6782	11	F 4	450.2465	225.6272
1300.7153	12	A 3	303.1781	152.0930
1357.7368	13	G 2	232.1410	116.5744
	14	R 1	175.1195	88.0637

N-term:+29.04 K(8):+156.13

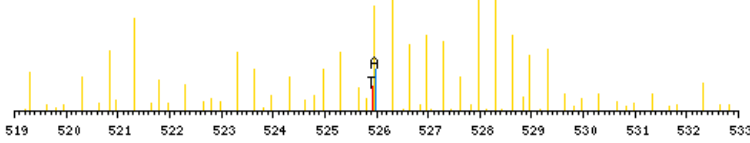
IEENDEVLVAGFGR, MH+ 1575.8018, m/z 525.9388
 L OS G25 P150811 220811-s1.06779.06779.3.dta

scan 6779; 2.8e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6777; 525.9 m/z; 8.9e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

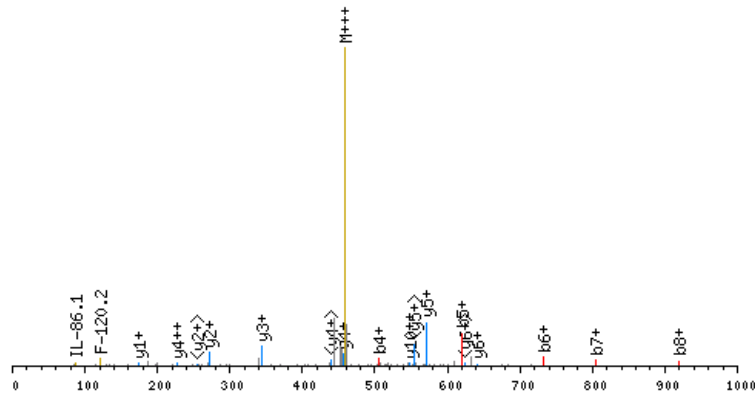
GO

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	I 14		
271.1658	2	E 13	1434.6865	717.8472
400.2084	3	E 12	1305.6439	653.3259
514.2513	4	N 11	1176.6013	588.8046
629.2782	5	D 10	1062.5584	531.7831
758.3208	6	E 9	947.5314	474.2696
857.3892	7	V 8	818.4888	409.7483
970.4733	8	L 7	719.4204	360.2141
1069.5417	9	V 6	606.3364	303.6721
1140.5788	10	A 5	507.2680	254.1379
1197.6003	11	G 4	436.2308	218.6193
1344.6687	12	F 3	379.2094	190.1086
1401.6902	13	G 2	232.1410	116.5744
	14	R 1	175.1195	88.0637

N-term:+29.04

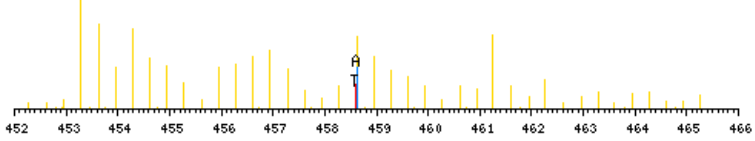
IEEVDLANLAPR, MH+ 1373.7852, m/z 458.5999
 H OS G25 P150811 220811-s1.07068.07068.3.dta

scan 7068; 6.8e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 7067; 458.6 m/z; 1.3e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
148.1550	1	I 12		
277.1976	2	E 11	1226.6381	613.8230
406.2402	3	E 10	1097.5955	549.3017
505.3086	4	V 9	968.5529	484.7804
620.3355	5	D 8	869.4845	435.2462
733.4196	6	L 7	754.4575	377.7327
804.4567	7	A 6	641.3735	321.1907
918.4996	8	N 5	570.3364	285.6721
1031.5837	9	L 4	456.2934	228.6506
1102.6208	10	A 3	343.2094	172.1086
1199.6736	11	P 2	272.1723	136.5900
	12	R 1	175.1195	88.0637

N-term:+35.07

IEKLEKEGSAGGPGTPR, MH+ 1810.0075, m/z 453.2573
 L OS G28 P150811 220811-s1.02211.02211.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

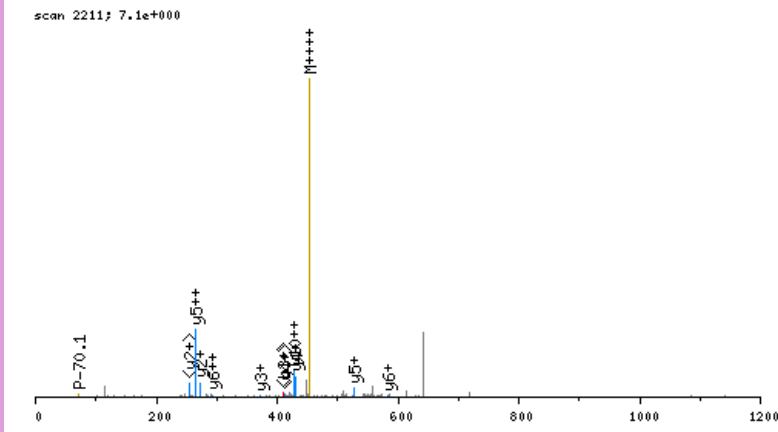
y + 2+ 3+

z + 2+ 3+

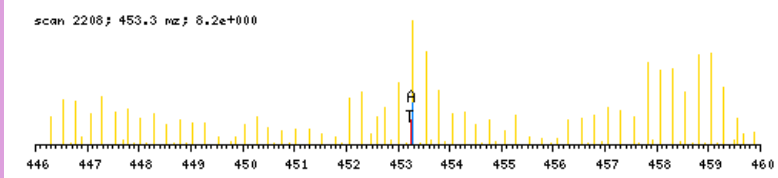
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
142.1232	1	I	17		
271.1658	2	E	16	1668.8921	834.9500
427.2921	3	K	15	1539.8496	770.4287
540.3761	4	L	14	1383.7233	692.3655
669.4187	5	E	13	1270.6392	635.8235
825.5450	6	K	12	1141.5966	571.3022
954.5876	7	E	11	985.4703	493.2391
1011.6091	8	G	10	856.4277	428.7178
1098.6411	9	S	9	799.4062	400.2070
1169.6782	10	A	8	712.3742	356.6910
1226.6997	11	G	7	641.3371	321.1725
1283.7211	12	G	6	584.3156	292.6617
1380.7739	13	P	5	527.2942	264.1510
1437.7954	14	G	4	430.2414	215.6246
1538.8430	15	T	3	373.2199	187.1139
1635.8958	16	P	2	272.1723	136.5900
	17	R	1	175.1195	88.0637

N-term:+29.04 K(3):+156.13
 K(6):+156.13

IFQTTTTERPFIQKLFER, MH+ 2093.2548, m/z 524.0691
 H OS G28 P150811 220811-s1.08259.08259.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

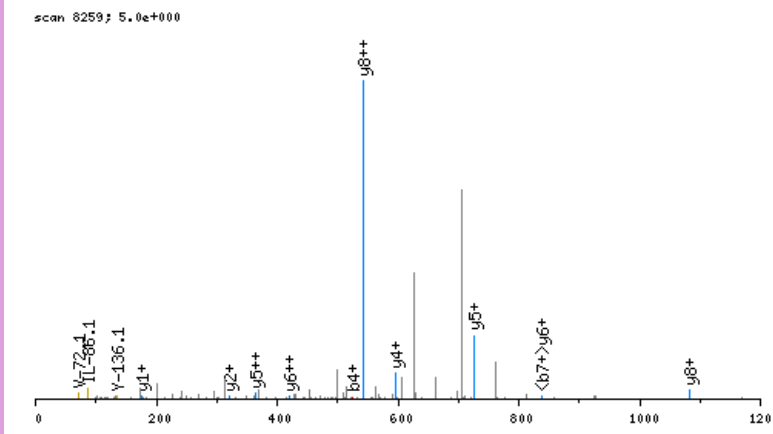
y + 2+ 3+

z + 2+ 3+

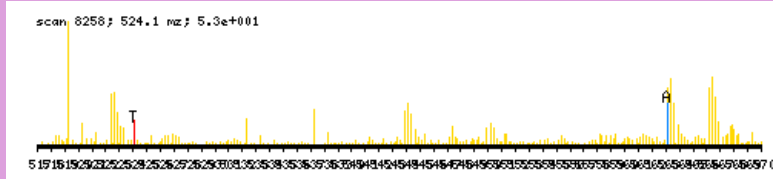
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
148.1550	1	I 16		
295.2234	2	F 15	1946.1076	973.5577
423.2820	3	Q 14	1799.0392	900.0235
524.3296	4	T 13	1670.9806	835.9942
625.3773	5	T 12	1569.9330	785.4704
726.4250	6	T 11	1468.8853	734.9466
855.4676	7	E 10	1367.8376	684.4227
1011.5687	8	R 9	1238.7950	619.9014
1108.6215	9	P 8	1082.6939	541.8509
1255.6899	10	F 7	985.6411	493.3245
1368.7739	11	I 6	838.5727	419.7903
1496.8325	12	Q 5	725.4887	363.2482
1658.9906	13	K 4	597.4301	299.2190
1772.0747	14	L 3	435.2720	218.1399
1919.1431	15	F 2	322.1879	161.5979
	16	R 1	175.1195	88.0637

N-term:+35.07 K(13):+162.16

IGGHGAEYGAELER, MH+ 1557.7661, m/z 519.9269
 L OS G27 P150811 220811-s1.03475.03475.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

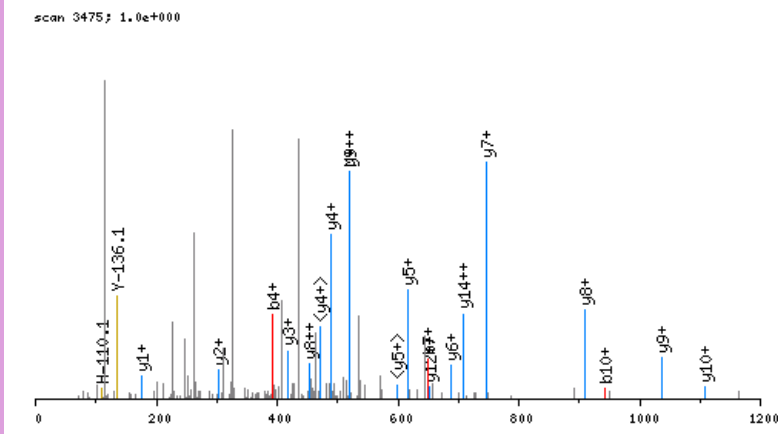
y + 2+ 3+

z + 2+ 3+

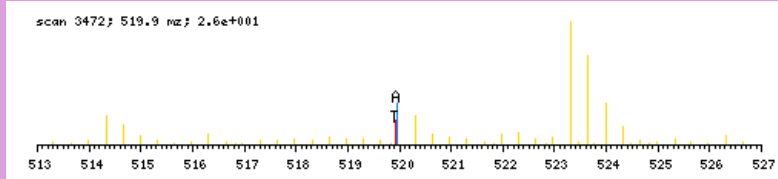
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



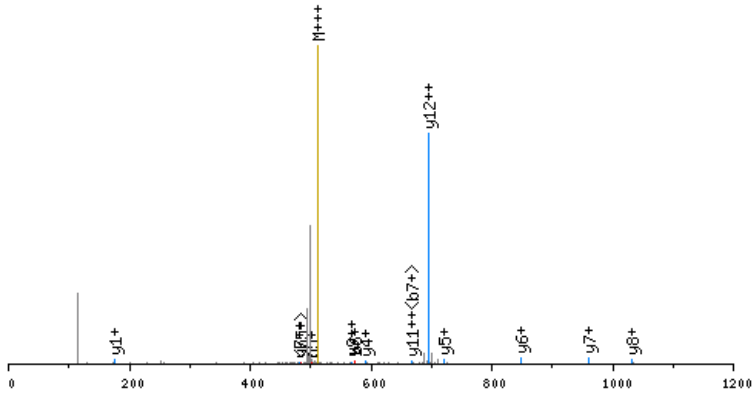
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	I 15		
199.1446	2	G 14	1416.6508	708.8293
256.1661	3	G 13	1359.6293	680.3186
393.2250	4	H 12	1302.6079	651.8078
450.2465	5	G 11	1165.5489	583.2784
521.2836	6	A 10	1108.5275	554.7677
650.3262	7	E 9	1037.4904	519.2491
813.3895	8	Y 8	908.4478	454.7278
870.4110	9	G 7	745.3844	373.1961
941.4481	10	A 6	688.3630	344.6854
1070.4907	11	E 5	617.3259	309.1668
1141.5278	12	A 4	488.2833	244.6455
1254.6119	13	L 3	417.2462	209.1270
1383.6544	14	E 2	304.1621	152.5850
	15	R 1	175.1195	88.0637

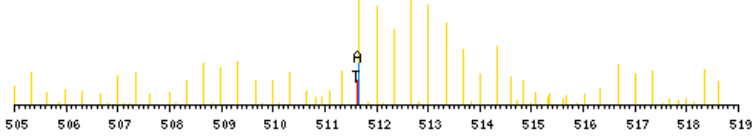
N-term:+29.04

IGNSTAIQELFKR, MH+ 1532.8801, m/z 511.6315
 L OS G27 P150811 220811-s1.06425.06425.3.dta

scan 6425; 5.3e+000



scan 6422; 511.6 m/z; 4.9e+000



X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	I	13	
199.1446	2	G	12	1391.7647
313.1876	3	N	11	1334.7433
400.2196	4	S	10	1220.7003
501.2673	5	T	9	1133.6683
572.3044	6	A	8	1032.6206
685.3884	7	I	7	961.5835
813.4470	8	Q	6	848.4994
942.4896	9	E	5	720.4409
1055.5737	10	L	4	591.3983
1202.6421	11	F	3	478.3142
1358.7684	12	K	2	331.2458
	13	R	1	175.1195

N-term:+29.04 K(12):+156.13

IKELISELDER, MH+ 1400.8001, m/z 467.6049
 L OS G27 P150811 220811-s1.05340.05340.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

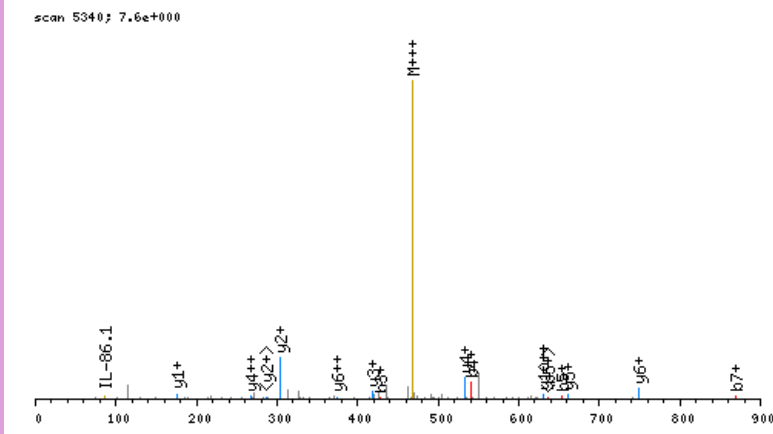
y + 2+ 3+

z + 2+ 3+

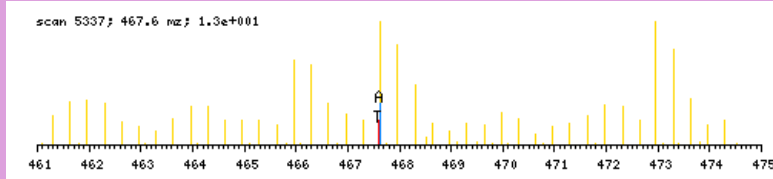
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



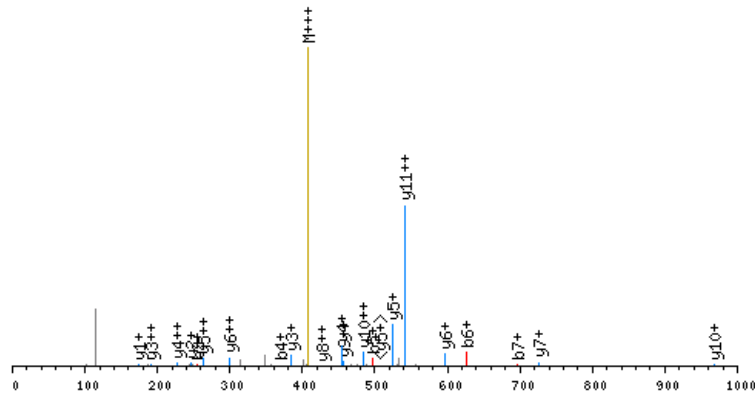
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	I 11		
298.2495	2	K 10	1259.6847	630.3463
427.2921	3	E 9	1103.5584	552.2831
540.3761	4	L 8	974.5159	487.7618
653.4602	5	I 7	861.4318	431.2198
740.4922	6	S 6	748.3477	374.6778
869.5348	7	E 5	661.3157	331.1618
982.6189	8	L 4	532.2731	266.6405
1097.6458	9	D 3	419.1890	210.0984
1226.6884	10	E 2	304.1621	152.5850
	11	R 1	175.1195	88.0637

N-term:+29.04 K(2):+156.13

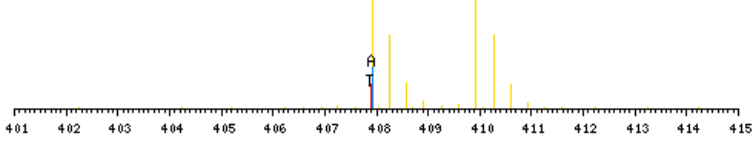
ILGGQEAHAHAR, MH+ 1221.6704, m/z 407.8950
 L OS G27 P150811 220811-s1.02074.02074.3.dta

scan 2074; 2.9e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2072; 407.9 m/z; 9.1e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	I 12		
255.2072	2	L 11	1080.5550	540.7814
312.2287	3	G 10	967.4710	484.2394
369.2502	4	G 9	910.4495	455.7287
497.3087	5	Q 8	853.4280	427.2179
626.3513	6	E 7	725.3695	363.1886
697.3884	7	A 6	596.3269	298.6673
768.4256	8	A 5	525.2898	263.1488
839.4627	9	A 4	454.2526	227.6302
976.5216	10	H 3	383.2155	192.1117
1047.5587	11	A 2	246.1566	123.5822
	12	R 1	175.1195	88.0637

N-term:+29.04

ILNLPE\$WDWR, MH+ 1456.7588, m/z 486.2578
 L OS G25 P150811 220811-s1.08148.08148.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

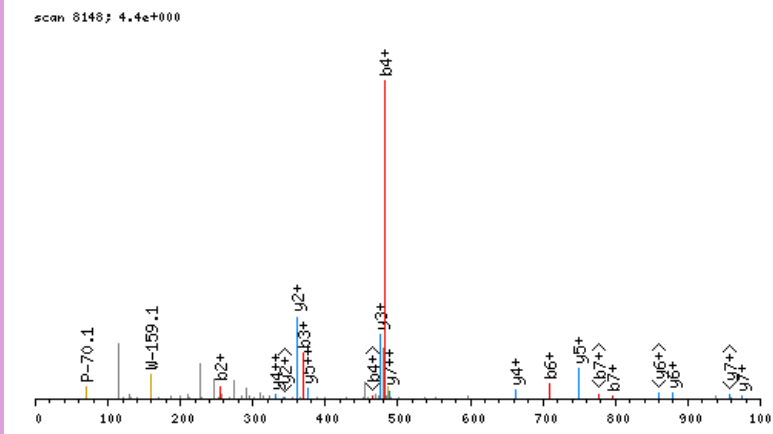
y + 2+ 3+

z + 2+ 3+

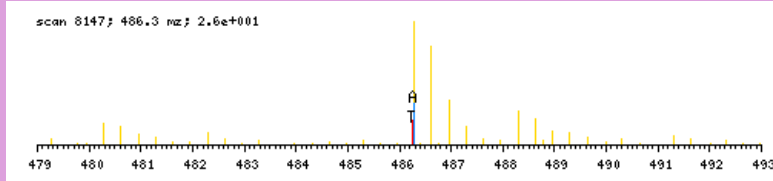
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	I 11		
255.2072	2	L 10	1315.6435	658.3257
369.2502	3	N 9	1202.5594	601.7836
482.3342	4	L 8	1088.5165	544.7622
579.3870	5	P 7	975.4325	488.2201
708.4296	6	E 6	878.3797	439.6938
795.4616	7	S 5	749.3371	375.1725
981.5409	8	W 4	662.3051	331.6564
1096.5679	9	D 3	476.2258	238.6168
1282.6472	10	W 2	361.1988	181.1033
	11	R 1	175.1195	88.0637

N-term:+29.04

INPETPGYVGFANLPNQVHR, MH+ 2257.1942, m/z 565.0540
 H OS G26 P150811 220811-s1.05469.05469.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

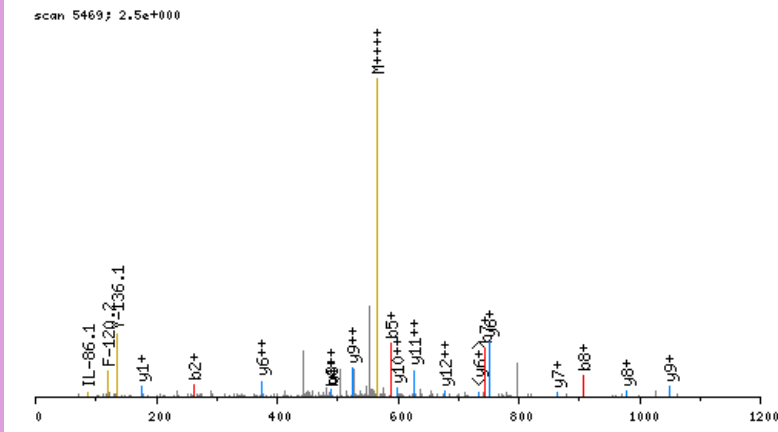
y + 2+ 3+

z + 2+ 3+

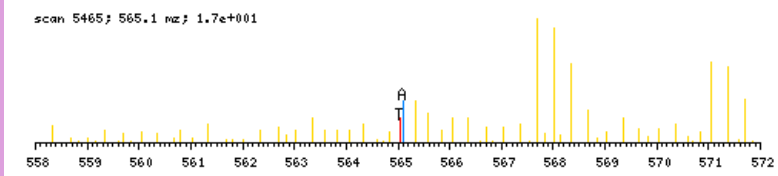
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
148.1550	1	I	20		
262.1979	2	N	19	2110.0470	1055.5274
359.2507	3	P	18	1996.0041	998.5060
488.2932	4	E	17	1898.9513	949.9796
589.3409	5	T	16	1769.9087	885.4583
686.3937	6	P	15	1668.8610	834.9344
743.4152	7	G	14	1571.8083	786.4081
906.4785	8	Y	13	1514.7868	757.8973
1005.5469	9	V	12	1351.7235	676.3657
1062.5684	10	G	11	1252.6551	626.8315
1209.6368	11	F	10	1195.6336	598.3207
1280.6739	12	A	9	1048.5652	524.7865
1394.7168	13	N	8	977.5281	489.2680
1507.8009	14	L	7	863.4852	432.2465
1604.8536	15	P	6	750.4011	375.7045
1718.8966	16	N	5	653.3483	327.1781
1846.9551	17	Q	4	539.3054	270.1566
1946.0236	18	V	3	411.2468	206.1273
2083.0825	19	H	2	312.1784	156.5931
	20	R	1	175.1195	88.0637

N-term:+35.07

INYQDDAELATR, MH+ 1436.7021, m/z 479.5722
 L OS G25 P150811 220811-s1.04290.04290.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

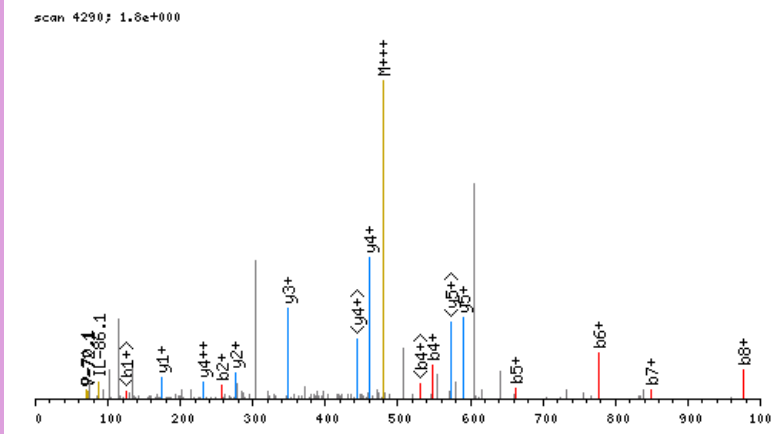
y + 2+ 3+

z + 2+ 3+

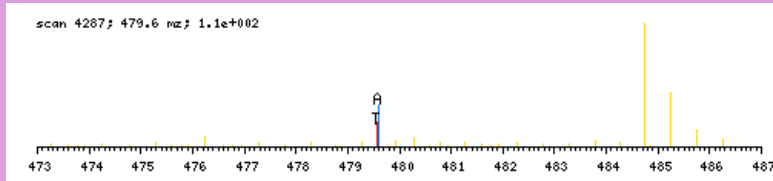
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	I 12		
256.1661	2	N 11	1295.5868	648.2973
419.2294	3	Y 10	1181.5439	591.2758
547.2880	4	Q 9	1018.4805	509.7442
662.3149	5	D 8	890.4220	445.7149
777.3419	6	D 7	775.3950	388.2014
848.3790	7	A 6	660.3681	330.6879
977.4216	8	E 5	589.3310	295.1694
1090.5057	9	L 4	460.2884	230.6481
1161.5428	10	A 3	347.2043	174.1061
1262.5904	11	T 2	276.1672	138.5875
	12	R 1	175.1195	88.0637

N-term:+29.04

IPIKSDPVVSYR, MH+ 1604.0636, m/z 401.7714
 H OS G28 P150811 220811-s1.03335.03335.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

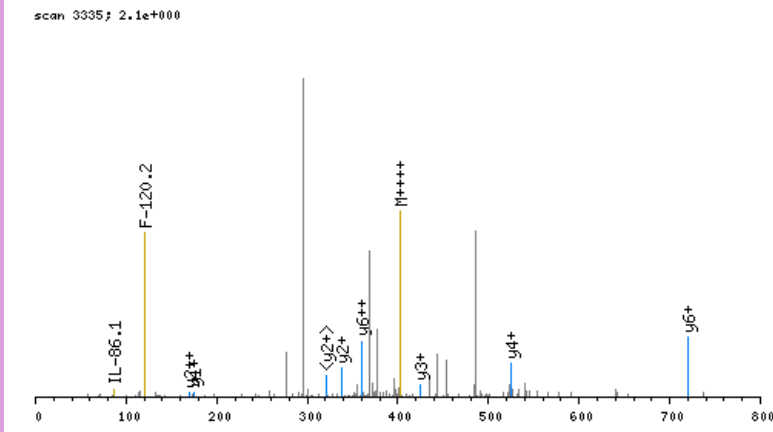
y + 2+ 3+

z + 2+ 3+

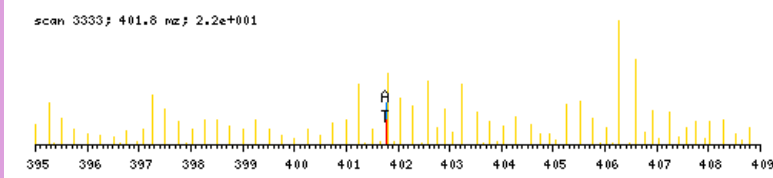
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
148.1550	1	I 13		
245.2077	2	P 12	1456.9164	728.9621
358.2918	3	I 11	1359.8637	680.4358
520.4499	4	K 10	1246.7796	623.8937
682.6080	5	K 9	1084.6215	542.8147
769.6400	6	S 8	922.4634	461.7356
884.6670	7	D 7	835.4314	418.2196
981.7197	8	P 6	720.4044	360.7061
1080.7881	9	V 5	623.3517	312.1798
1179.8566	10	V 4	524.2833	262.6455
1266.8886	11	S 3	425.2149	213.1113
1429.9519	12	Y 2	338.1828	169.5953
	13	R 1	175.1195	88.0637

N-term:+35.07 K(4):+162.16
 K(5):+162.16

IQMTQTTSSLSASLGDR, MH+ 1829.9491, m/z 610.6545
 H OS G24 P150811 220811-s1.04073.04073.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

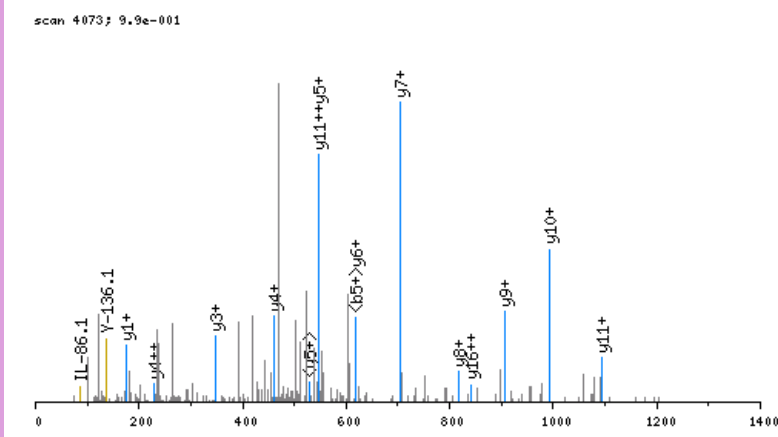
y + 2+ 3+

z + 2+ 3+

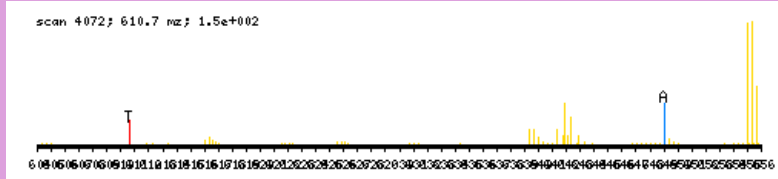
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
148.1550	1	I 17		
276.2135	2	Q 16	1682.8019	841.9049
407.2540	3	M 15	1554.7434	777.8756
508.3017	4	T 14	1423.7029	712.3554
636.3603	5	Q 13	1322.6552	661.8315
737.4080	6	T 12	1194.5966	597.8022
838.4556	7	T 11	1093.5489	547.2784
925.4877	8	S 10	992.5013	496.7545
1012.5197	9	S 9	905.4692	453.2385
1125.6038	10	L 8	818.4372	409.7225
1212.6358	11	S 7	705.3531	353.1805
1283.6729	12	A 6	618.3211	309.6645
1370.7049	13	S 5	547.2840	274.1459
1483.7890	14	L 4	460.2520	230.6299
1540.8105	15	G 3	347.1679	174.0879
1655.8374	16	D 2	290.1464	145.5771
	17	R 1	175.1195	88.0637

N-term:+35.07

IQTQQLHAAMADTFLEHMCR, MH+ 2435.1845, m/z 609.5516
 H OS G28 P150811 220811-s1.08334.08334.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

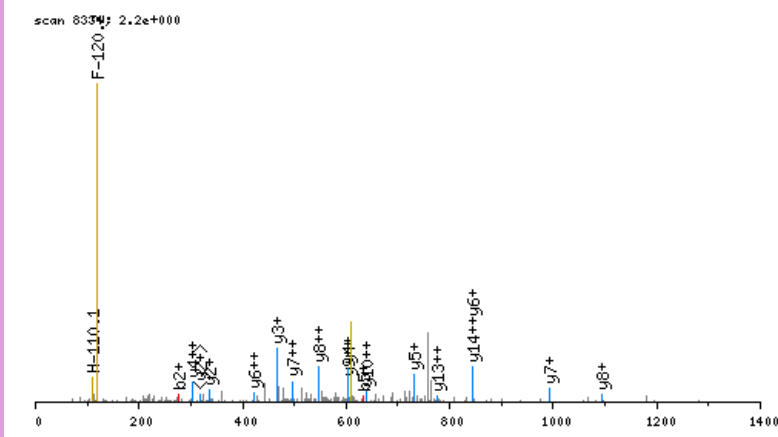
y + 2+ 3+

z + 2+ 3+

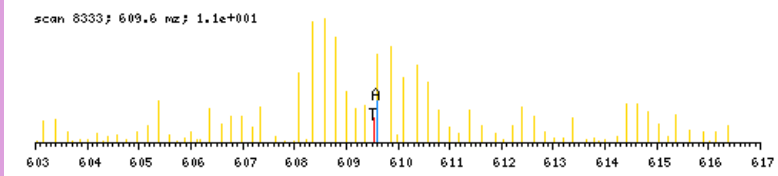
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



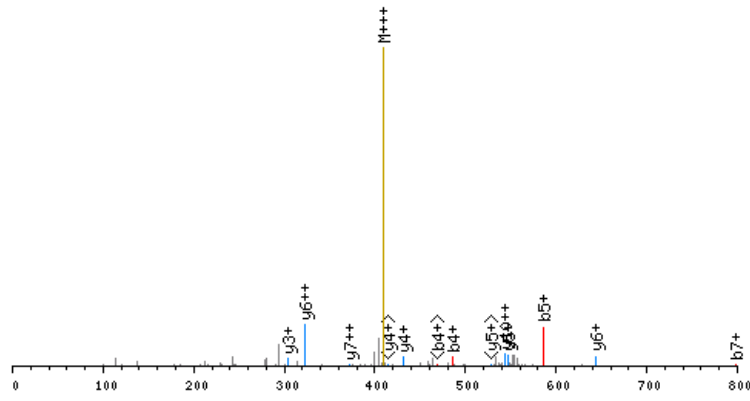
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
148.1550	1	I	20		
276.2135	2	Q	19	2288.0374	1144.5226
377.2612	3	T	18	2159.9788	1080.4933
505.3198	4	Q	17	2058.9311	1029.9695
633.3784	5	Q	16	1930.8726	965.9402
746.4624	6	L	15	1802.8140	901.9109
883.5214	7	H	14	1689.7299	845.3689
954.5585	8	A	13	1552.6710	776.8394
1025.5956	9	A	12	1481.6339	741.3209
1156.6361	10	M	11	1410.5968	705.8023
1227.6732	11	A	10	1279.5563	640.2821
1342.7001	12	D	9	1208.5192	604.7635
1443.7478	13	T	8	1093.4922	547.2500
1590.8162	14	F	7	992.4446	496.7262
1703.9003	15	L	6	845.3762	423.1920
1832.9429	16	E	5	732.2921	366.6500
1970.0018	17	H	4	603.2495	302.1287
2101.0423	18	M	3	466.1906	233.5992
2261.0729	19	C	2	335.1501	168.0790
	20	R	1	175.1195	88.0637

N-term:+35.07 C(19):+160.03

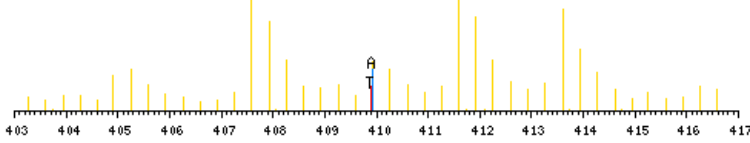
IRGMVPDQAGR, MH+ 1227.6632, m/z 409.8926
 L OS G27 P150811 220811-s1.02681.02681.3.dta

scan 2681; 6.5e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2677; 409.9 m/z; 2.1e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	I 11		
298.2243	2	R 10	1086.5478	543.7778
355.2457	3	G 9	930.4467	465.7273
486.2862	4	M 8	873.4253	437.2165
585.3546	5	V 7	742.3848	371.6963
682.4074	6	P 6	643.3164	322.1621
797.4343	7	D 5	546.2636	273.6357
925.4929	8	Q 4	431.2367	216.1222
996.5300	9	A 3	303.1781	152.0930
1053.5515	10	G 2	232.1410	116.5744
	11	R 1	175.1195	88.0637

N-term:+29.04

ISEAAAQYNEPPPPR, MH+ 1764.8920, m/z 588.9689
 L OS G24 P150811 220811-s1.02969.02969.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

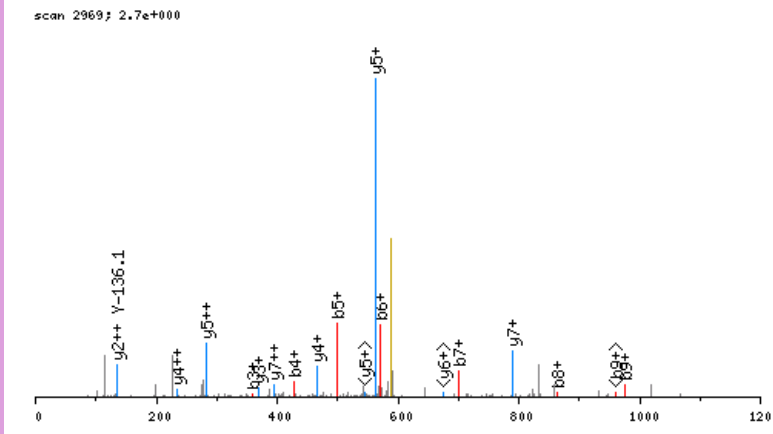
y + 2+ 3+

z + 2+ 3+

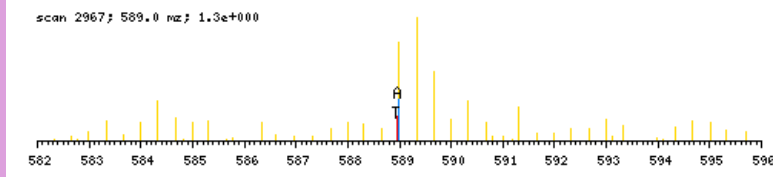
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	I 16		
229.1552	2	S 15	1623.7767	812.3923
358.1978	3	E 14	1536.7447	768.8763
429.2349	4	A 13	1407.7021	704.3550
500.2720	5	A 12	1336.6650	668.8364
571.3091	6	A 11	1265.6279	633.3178
699.3677	7	Q 10	1194.5907	597.7993
862.4310	8	Y 9	1066.5322	533.7700
976.4740	9	N 8	903.4688	452.2383
1073.5267	10	P 7	789.4259	395.2169
1202.5693	11	E 6	692.3731	346.6905
1299.6221	12	P 5	563.3306	282.1692
1396.6748	13	P 4	466.2778	233.6428
1493.7276	14	P 3	369.2250	185.1164
1590.7804	15	P 2	272.1723	136.5900
	16	R 1	175.1195	88.0637

N-term:+29.04

ISEKEAMSTIEPHR, MH+ 1695.9376, m/z 565.9840
 H OS G26 P150811 220811-s1.05943.05943.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

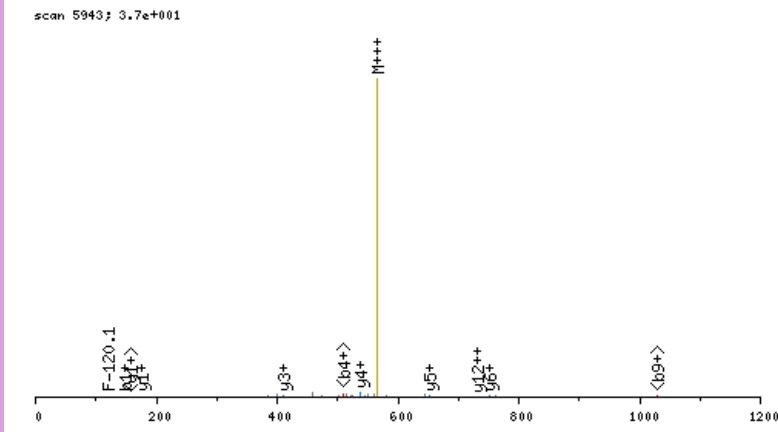
y + 2+ 3+

z + 2+ 3+

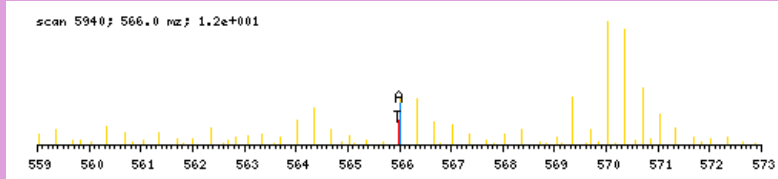
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
148.1550	1	I 14		
235.1870	2	S 13	1548.7905	774.8991
364.2296	3	E 12	1461.7584	731.3831
526.3877	4	K 11	1332.7158	666.8618
655.4303	5	E 10	1170.5577	585.7828
726.4674	6	A 9	1041.5151	521.2615
857.5079	7	M 8	970.4780	485.7429
944.5399	8	S 7	839.4375	420.2227
1045.5876	9	T 6	752.4055	376.7067
1158.6716	10	I 5	651.3578	326.1828
1287.7142	11	E 4	538.2738	269.6408
1384.7670	12	P 3	409.2312	205.1195
1521.8259	13	H 2	312.1784	156.5931
	14	R 1	175.1195	88.0637

N-term:+35.07 K(4):+162.16

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

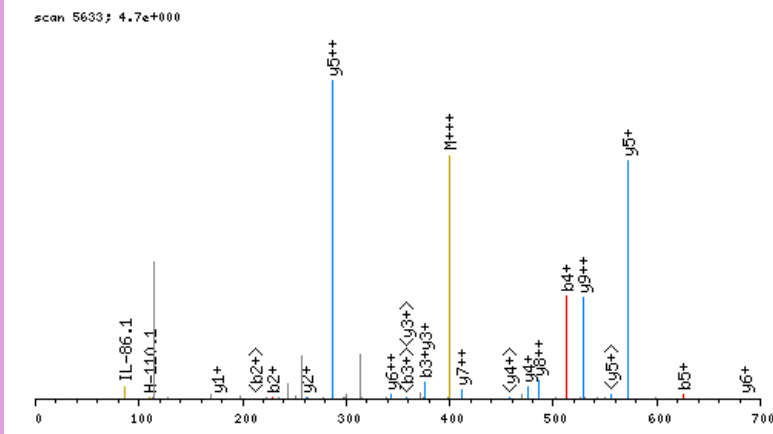
y + 2+ 3+

z + 2+ 3+

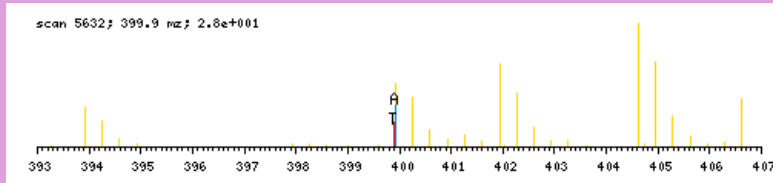
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	I 10		
229.1552	2	S 9	1056.5591	528.7834
376.2236	3	F 8	969.5270	485.2674
513.2825	4	H 7	822.4586	411.7332
626.3666	5	L 6	685.3997	343.2038
723.4193	6	P 5	572.3156	286.6617
822.4878	7	V 4	475.2629	238.1353
936.5307	8	N 3	376.1945	188.6011
1023.5627	9	S 2	262.1515	131.5797
	10	R 1	175.1195	88.0637

N-term:+29.04

ISNASDALDKIR, MH+ 1358.7644, m/z 453.5930
 L OS G27 P150811 220811-s1.04343.04343.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

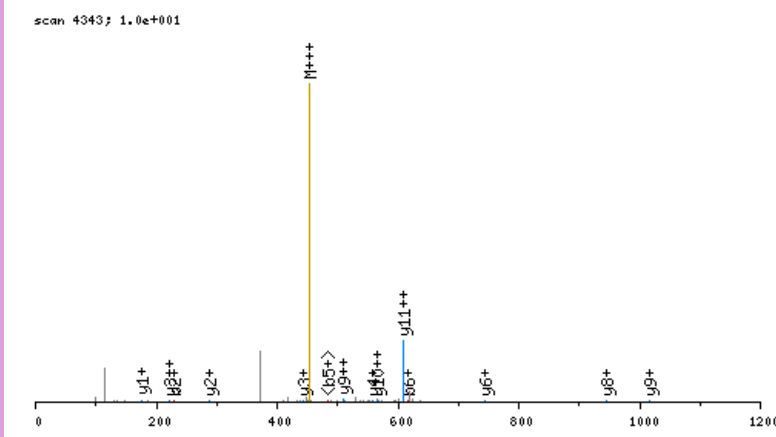
y + 2+ 3+

z + 2+ 3+

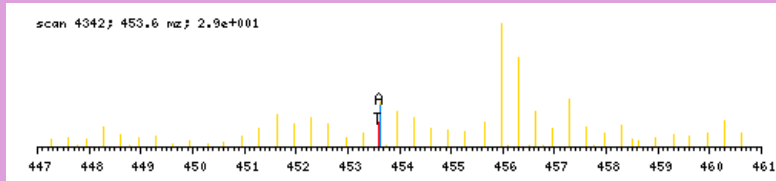
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	I 12		
229.1552	2	S 11	1217.6490	609.3284
343.1981	3	N 10	1130.6170	565.8124
414.2352	4	A 9	1016.5741	508.7909
501.2673	5	S 8	945.5370	473.2724
616.2942	6	D 7	858.5049	429.7564
687.3313	7	A 6	743.4780	372.2429
800.4154	8	L 5	672.4409	336.7243
915.4423	9	D 4	559.3568	280.1823
1071.5686	10	K 3	444.3299	222.6688
1184.6527	11	I 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+29.04 K(10):+156.13

ISSQQTIPPSAKYGGK, MH+ 1758.0186, m/z 586.6777
 H OS G26 P150811 220811-s1.02513.02513.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

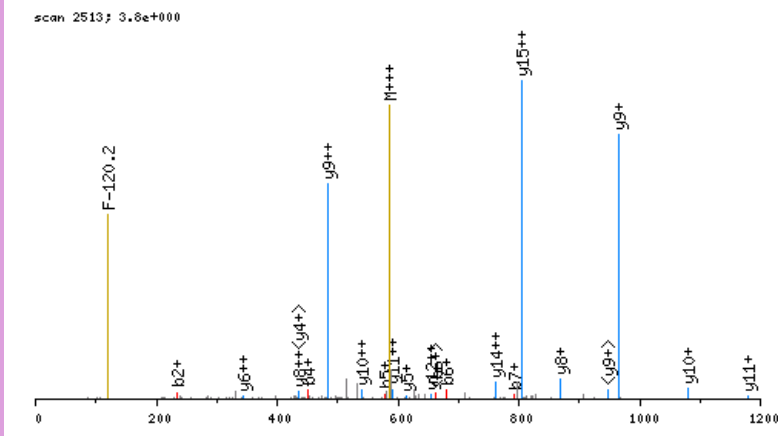
y + 2+ 3+

z + 2+ 3+

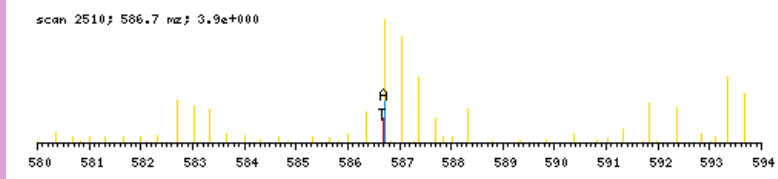
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



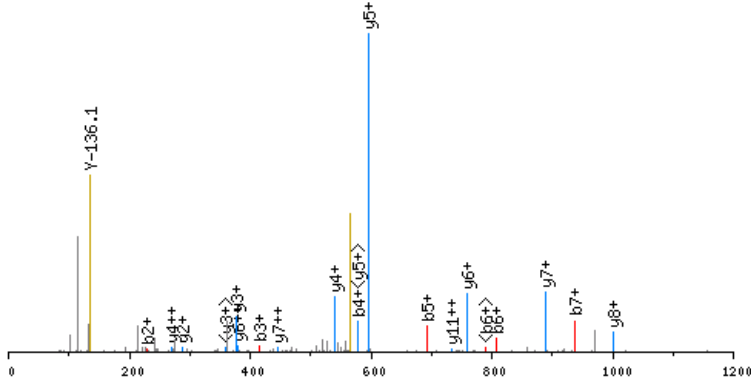
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
148.1550	1	I 16		
235.1870	2	S 15	1610.8715	805.9397
322.2190	3	S 14	1523.8395	762.4236
450.2776	4	Q 13	1436.8074	718.9076
578.3362	5	Q 12	1308.7488	654.8783
679.3839	6	T 11	1180.6903	590.8490
792.4679	7	I 10	1079.6426	540.3252
889.5207	8	P 9	966.5585	483.7832
986.5734	9	P 8	869.5058	435.2568
1073.6055	10	S 7	772.4530	386.7304
1144.6426	11	A 6	685.4210	343.2144
1306.8007	12	K 5	614.3839	307.6958
1469.8640	13	Y 4	452.2258	226.6168
1526.8855	14	G 3	289.1624	145.0851
1583.9069	15	G 2	232.1410	116.5744
	16	R 1	175.1195	88.0637

N-term:+35.07 K(12):+162.16

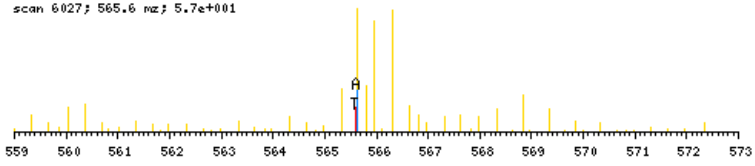
ISWYDNEYGYSNR, MH+ 1694.7451, m/z 565.5865
 L OS G25 P150811 220811-s1.06028.06028.3.dta

scan 6028; 1.4e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6027; 565.6 m/z; 5.7e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	I 13		
229.1552	2	S 12	1553.6297	777.3188
415.2345	3	W 11	1466.5977	733.8028
578.2978	4	Y 10	1280.5184	640.7631
693.3248	5	D 9	1117.4550	559.2314
807.3677	6	N 8	1002.4281	501.7180
936.4103	7	E 7	888.3852	444.6965
1099.4736	8	Y 6	759.3426	380.1752
1156.4951	9	G 5	596.2792	298.6435
1319.5584	10	Y 4	539.2578	270.1328
1406.5904	11	S 3	376.1945	188.6011
1520.6334	12	N 2	289.1624	145.0851
	13	R 1	175.1195	88.0637

N-term:+29.04

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

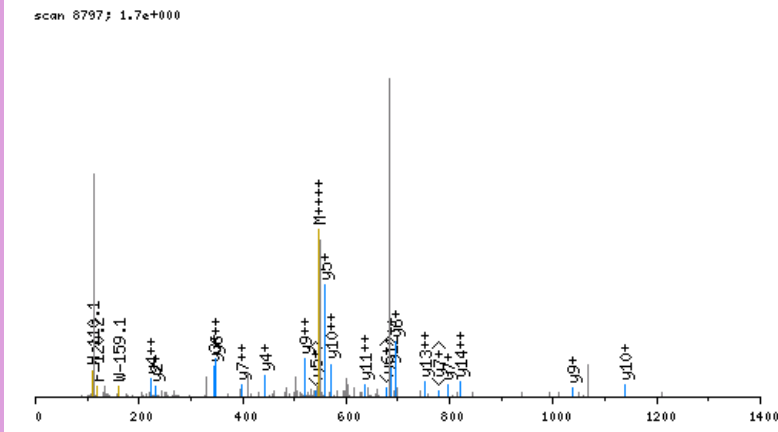
y + 2+ 3+

z + 2+ 3+

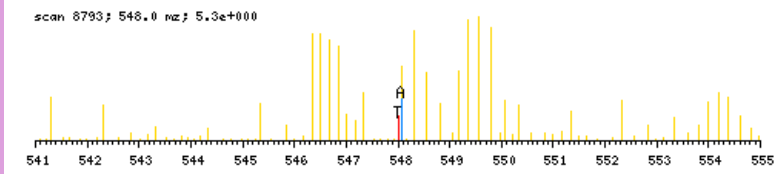
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	I 18		
229.1552	2	S 17	2047.9118	1024.4598
392.2185	3	Y 16	1960.8798	980.9438
552.2491	4	C 15	1797.8164	899.4121
689.3080	5	H 14	1637.7858	819.3968
818.3506	6	E 13	1500.7269	750.8674
919.3983	7	T 12	1371.6843	686.3461
1050.4388	8	M 11	1270.6367	635.8222
1151.4865	9	T 10	1139.5962	570.3020
1208.5079	10	G 9	1038.5485	519.7782
1394.5872	11	W 8	981.5270	491.2674
1493.6557	12	V 7	795.4477	398.2278
1630.7146	13	H 6	696.3793	348.6936
1745.7415	14	D 5	559.3204	280.1641
1844.8099	15	V 4	444.2934	222.6506
1957.8940	16	L 3	345.2250	173.1164
2014.9155	17	G 2	232.1410	116.5744
	18	R 1	175.1195	88.0637

N-term:+29.04 C(4):+160.03

ITSGESSGGNPKAKDECAQYR, MH+ 2426.1622, m/z 607.2960
 L OS G28 P150811 220811-s1.01920.01920.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

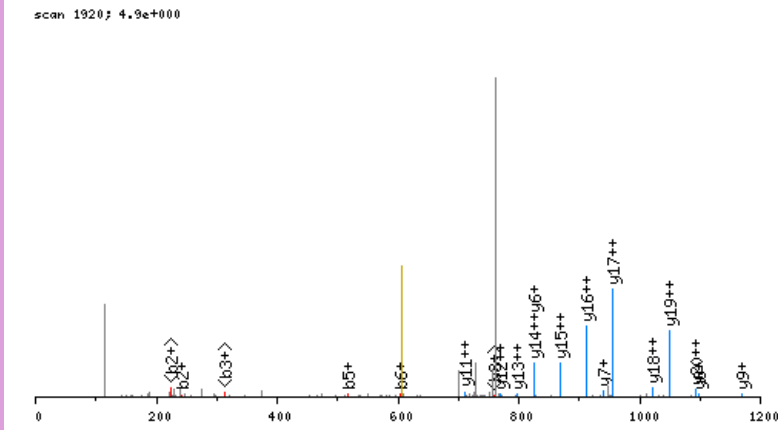
y + 2+ 3+

z + 2+ 3+

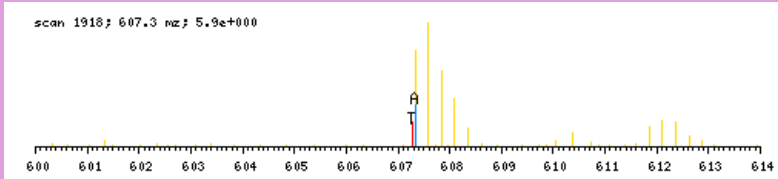
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
142.1232	1	I	22		
243.1708	2	T	21	2285.0468	1143.0273
330.2029	3	S	20	2183.9992	1092.5035
387.2243	4	G	19	2096.9671	1048.9875
516.2669	5	E	18	2039.9457	1020.4767
603.2990	6	S	17	1910.9031	955.9554
690.3310	7	S	16	1823.8710	912.4394
777.3630	8	S	15	1736.8390	868.9234
834.3845	9	G	14	1649.8070	825.4074
891.4059	10	G	13	1592.7855	796.8967
1005.4489	11	N	12	1535.7641	768.3859
1102.5016	12	P	11	1421.7211	711.3645
1258.6279	13	K	10	1324.6684	662.8381
1329.6650	14	A	9	1168.5421	584.7749
1485.7913	15	K	8	1097.5050	549.2564
1600.8183	16	D	7	941.3787	471.1932
1729.8609	17	E	6	826.3517	413.6798
1889.8915	18	C	5	697.3091	349.1585
1960.9286	19	A	4	537.2785	269.1432
2088.9872	20	Q	3	466.2414	233.6246
2252.0505	21	Y	2	338.1828	169.5953
	22	R	1	175.1195	88.0637

N-term:+29.04 K(13):+156.13
 K(15):+156.13 C(18):+160.03

IVAPGKILAADESTGSIAKR, MH+ 2138.2549, m/z 535.3192
 L OS G27 P150811 220811-s1.04891.04891.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

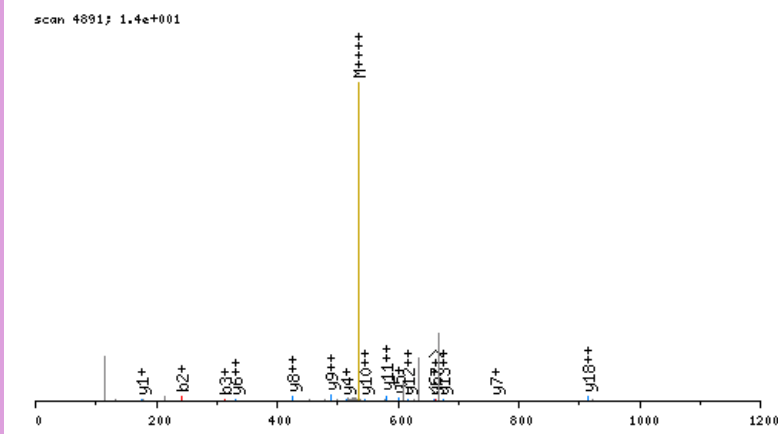
y + 2+ 3+

z + 2+ 3+

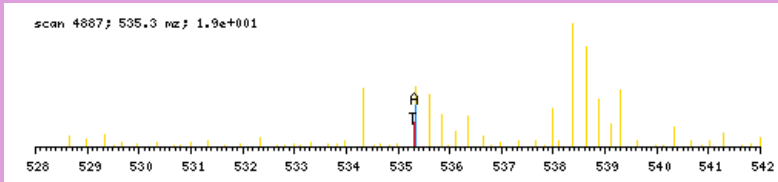
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



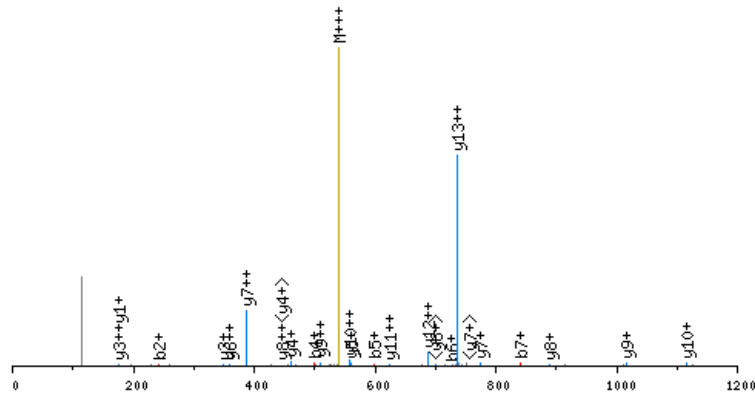
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	I 21		
241.1916	2	V 20	1997.1396	999.0737
312.2287	3	A 19	1898.0712	949.5395
409.2815	4	P 18	1827.0341	914.0209
466.3029	5	G 17	1729.9813	865.4946
622.4292	6	K 16	1672.9598	836.9838
679.4507	7	G 15	1516.8335	758.9207
792.5347	8	I 14	1459.8121	730.4099
905.6188	9	L 13	1346.7280	673.8679
976.6559	10	A 12	1233.6439	617.3259
1047.6930	11	A 11	1162.6068	581.8073
1162.7200	12	D 10	1091.5697	546.2888
1291.7626	13	E 9	976.5428	488.7753
1378.7946	14	S 8	847.5002	424.2540
1479.8423	15	T 7	760.4681	380.7380
1536.8637	16	G 6	659.4205	330.2141
1623.8958	17	S 5	602.3990	301.7034
1736.9798	18	I 4	515.3670	258.1874
1808.0170	19	A 3	402.2829	201.6454
1964.1433	20	K 2	331.2458	166.1268
	21	R 1	175.1195	88.0637

N-term:+29.04 K(6):+156.13
 K(20):+156.13

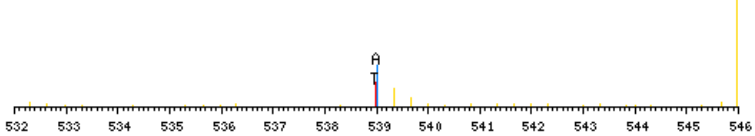
IVEEVQDGKVISSR, MH+ 1614.9067, m/z 538.9737
 L OS G26 P150811 220811-s1.02761.02761.3.dta

scan 2761; 1.2e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2760; 539.0 m/z; 4.5e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	I 14		
241.1916	2	V 13	1473.7913	737.3996
370.2342	3	E 12	1374.7229	687.8654
499.2768	4	E 11	1245.6803	623.3441
598.3452	5	V 10	1116.6377	558.8228
726.4038	6	Q 9	1017.5693	509.2886
841.4307	7	D 8	889.5107	445.2593
898.4522	8	G 7	774.4838	387.7458
1054.5785	9	K 6	717.4623	359.2351
1153.6469	10	V 5	561.3360	281.1719
1266.7309	11	I 4	462.2676	231.6377
1353.7630	12	S 3	349.1836	175.0957
1440.7950	13	S 2	262.1515	131.5797
	14	R 1	175.1195	88.0637

N-term:+29.04 K(9):+156.13

IVLTQSPASLAVSLGQR, MH+ 1774.0650, m/z 592.0265
 H OS G24 P150811 220811-s1.04837.04837.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

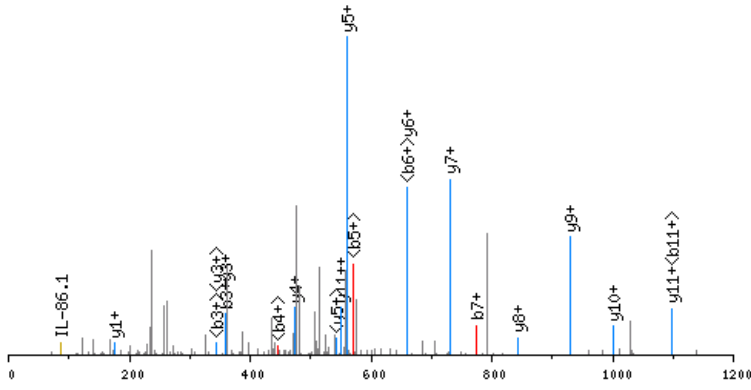
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

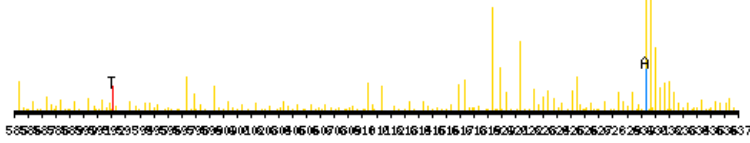
GO

scan 4837; 1.8e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4835; 592.0 m/z; 5.4e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
148.1550	1	I	17		
247.2234	2	V	16	1626.9179	813.9629
360.3074	3	L	15	1527.8495	764.4287
461.3551	4	T	14	1414.7654	707.8866
589.4137	5	Q	13	1313.7177	657.3628
676.4457	6	S	12	1185.6592	593.3335
773.4985	7	P	11	1098.6271	549.8175
844.5356	8	A	10	1001.5744	501.2911
931.5676	9	S	9	930.5373	465.7725
1044.6517	10	L	8	843.5052	422.2565
1115.6888	11	A	7	730.4212	365.7145
1214.7572	12	V	6	659.3840	330.1959
1301.7893	13	S	5	560.3156	280.6617
1414.8733	14	L	4	473.2836	237.1457
1471.8948	15	G	3	360.1995	180.6037
1599.9534	16	Q	2	303.1781	152.0930
	17	R	1	175.1195	88.0637

N-term:+35.07

IVPDNPPYDKGAFR, MH+ 1644.8750, m/z 548.9632
 L OS G26 P150811 220811-s1.03634.03634.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

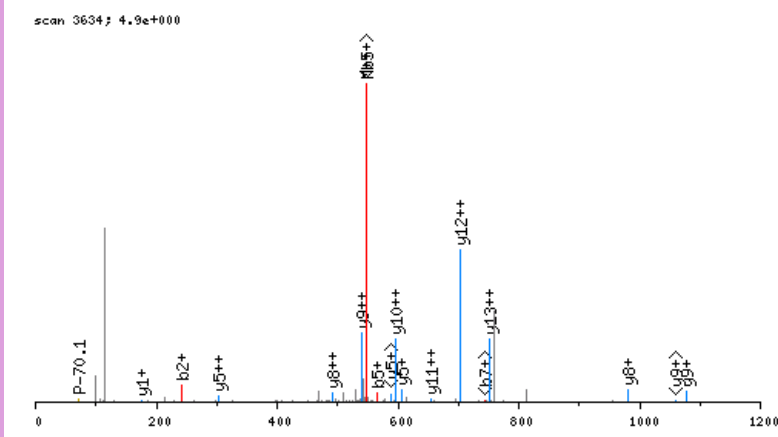
y + 2+ 3+

z + 2+ 3+

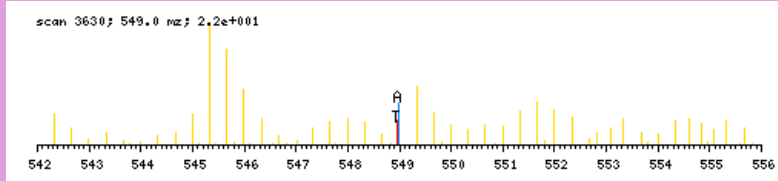
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	I 14		
241.1916	2	V 13	1503.7596	752.3837
338.2443	3	P 12	1404.6912	702.8495
453.2713	4	D 11	1307.6385	654.3231
567.3142	5	N 10	1192.6115	596.8097
664.3670	6	P 9	1078.5686	539.7882
761.4197	7	P 8	981.5158	491.2618
924.4831	8	Y 7	884.4631	442.7354
1039.5100	9	D 6	721.3997	361.2038
1195.6363	10	K 5	606.3728	303.6903
1252.6578	11	G 4	450.2465	225.6272
1323.6949	12	A 3	393.2250	197.1164
1470.7633	13	F 2	322.1879	161.5979
	14	R 1	175.1195	88.0637

N-term:+29.04 K(10):+156.13

IVQKYGYTHLSTGDLRL, MH+ 2020.1231, m/z 505.7862
 L OS G28 P150811 220811-s1.06031.06031.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

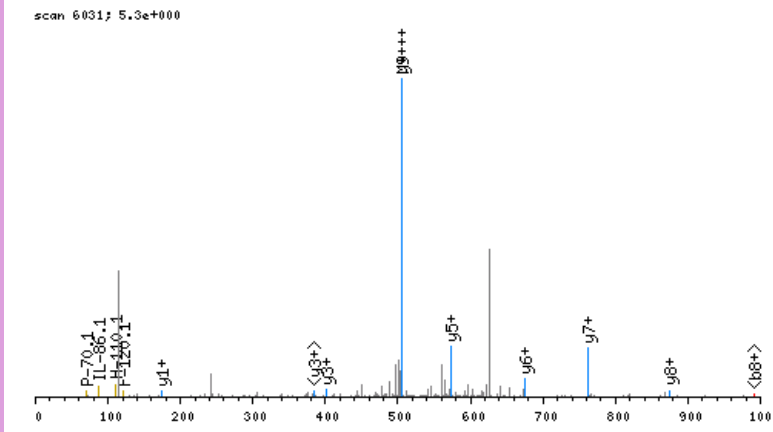
y + 2+ 3+

z + 2+ 3+

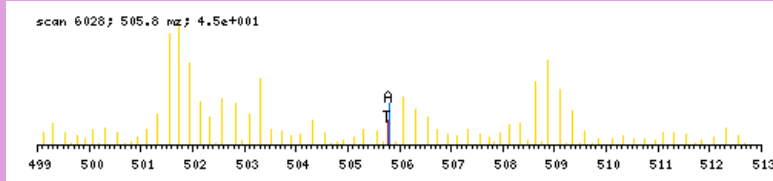
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



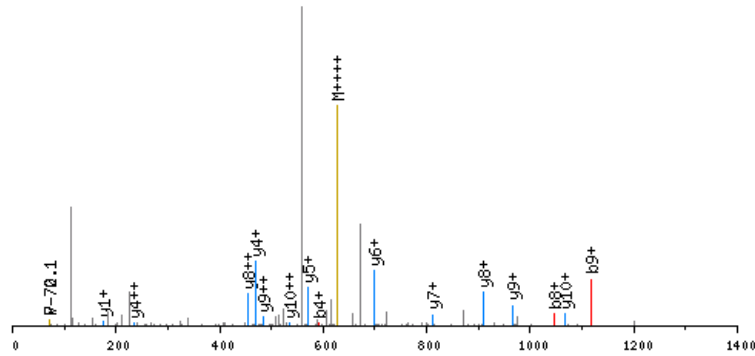
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	I 17		
241.1916	2	V 16	1879.0078	940.0078
369.2502	3	Q 15	1779.9394	890.4736
525.3765	4	K 14	1651.8808	826.4443
688.4398	5	Y 13	1495.7545	748.3812
745.4612	6	G 12	1332.6912	666.8495
908.5246	7	Y 11	1275.6697	638.3388
1009.5723	8	T 10	1112.6064	556.8071
1146.6312	9	H 9	1011.5587	506.2833
1259.7152	10	L 8	874.4998	437.7538
1346.7473	11	S 7	761.4157	381.2118
1447.7949	12	T 6	674.3837	337.6958
1504.8164	13	G 5	573.3360	287.1719
1619.8433	14	D 4	516.3146	258.6612
1732.9274	15	L 3	401.2876	201.1477
1846.0115	16	L 2	288.2036	144.6057
	17	R 1	175.1195	88.0637

N-term:+29.04 K(4):+156.13

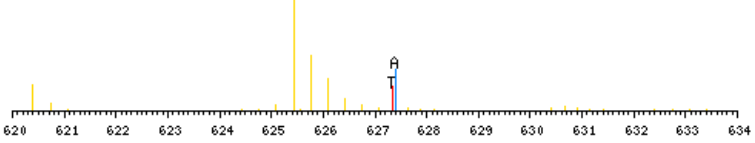
IYEKPQTEAPQVTGPIEVPVVR, MH+ 2506.3921, m/z 627.3535
 L OS G26 P150811 220811-s1.05281.05281.4.dta

scan 5281; 7.8e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 5280; 627.4 mz; 9.9e+002



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	I 22		
305.1865	2	Y 21	2365.2768	1183.1423
434.2291	3	E 20	2202.2134	1101.6106
590.3554	4	K 19	2073.1709	1037.0893
687.4081	5	P 18	1917.0446	959.0262
815.4667	6	Q 17	1819.9918	910.4998
916.5144	7	T 16	1691.9332	846.4705
1045.5570	8	E 15	1590.8855	795.9467
1116.5941	9	A 14	1461.8429	731.4254
1213.6469	10	P 13	1390.8058	695.9068
1341.7055	11	Q 12	1293.7531	647.3804
1440.7739	12	V 11	1165.6945	583.3512
1541.8215	13	T 10	1066.6261	533.8169
1598.8430	14	G 9	965.5784	483.2931
1695.8958	15	P 8	908.5569	454.7824
1808.9798	16	I 7	811.5042	406.2560
1938.0224	17	E 6	698.4201	349.7140
2037.0908	18	V 5	569.3775	285.1927
2134.1436	19	P 4	470.3091	235.6585
2233.2120	20	V 3	373.2563	187.1321
2332.2804	21	V 2	274.1879	137.5979
	22	R 1	175.1195	88.0637

N-term:+29.04 K(4):+156.13

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

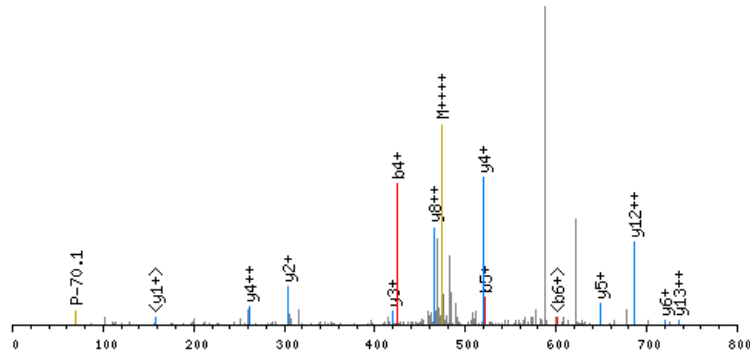
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

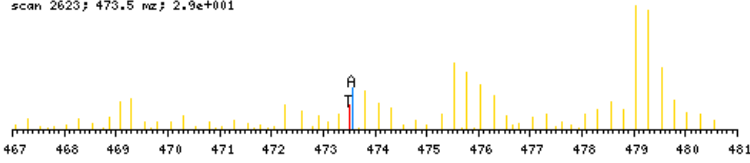
GO

scan 2625; 2.2e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2623; 473.5 mz; 2.9e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
185.1654	1	K	17		
256.2025	2	A	16	1706.9078	853.9578
353.2553	3	P	15	1635.8706	818.4392
424.2924	4	A	14	1538.8179	769.9129
521.3452	5	P	13	1467.7808	734.3943
618.3979	6	P	12	1370.7280	685.8679
705.4299	7	S	11	1273.6752	637.3415
861.5562	8	K	10	1186.6432	593.8255
962.6039	9	T	9	1030.5169	515.7624
1059.6567	10	P	8	929.4692	465.2385
1172.7408	11	L	7	832.4165	416.7121
1243.7779	12	A	6	719.3324	360.1701
1371.8364	13	Q	5	648.2953	324.6516
1472.8841	14	T	4	520.2367	260.6223
1587.9111	15	D	3	419.1890	210.0984
1716.9537	16	E	2	304.1621	152.5850
	17	R	1	175.1195	88.0637

N-term:+29.04 K(1):+156.13
 K(8):+156.13

KAPQVSTPTLVEAAR, MH+ 1636.0070, m/z 546.0072
 H OS G26 P150811 220811-s1.03392.03392.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

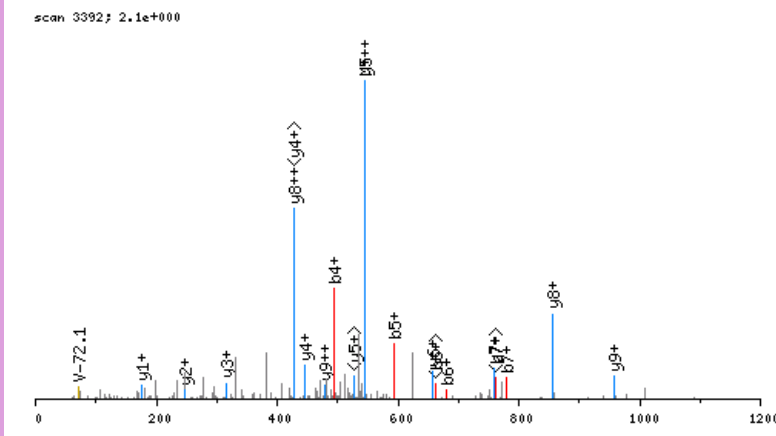
y + 2+ 3+

z + 2+ 3+

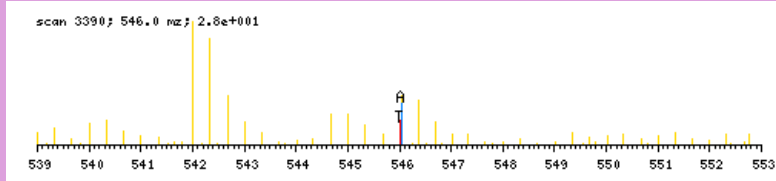
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
197.2290	1	K 15		
268.2661	2	A 14	1439.7858	720.3968
365.3189	3	P 13	1368.7487	684.8783
493.3775	4	Q 12	1271.6959	636.3519
592.4459	5	V 11	1143.6374	572.3226
679.4779	6	S 10	1044.5689	522.7884
780.5256	7	T 9	957.5369	479.2724
877.5783	8	P 8	856.4892	428.7485
978.6260	9	T 7	759.4365	380.2222
1091.7101	10	L 6	658.3888	329.6983
1190.7785	11	V 5	545.3047	273.1563
1319.8211	12	E 4	446.2363	223.6221
1390.8582	13	A 3	317.1937	159.1008
1461.8953	14	A 2	246.1566	123.5822
	15	R 1	175.1195	88.0637

N-term:+35.07 K(1):+162.16

KATEMVEVGPEDDEVGAER, MH+ 2117.0073, m/z 706.3406
 L OS G26 P150811 220811-s1.03424.03424.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

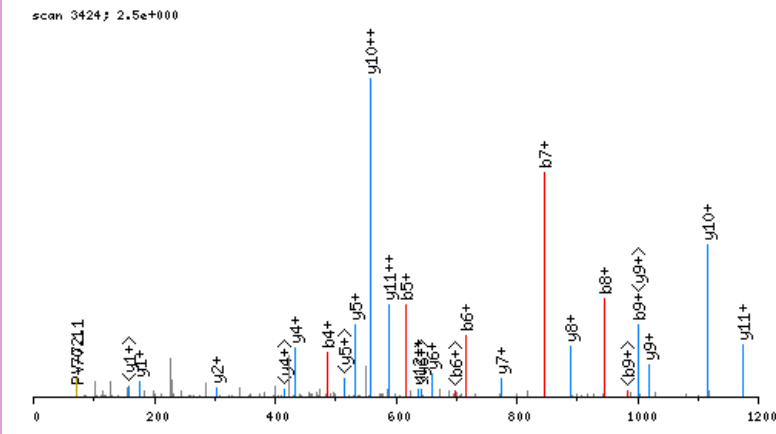
y + 2+ 3+

z + 2+ 3+

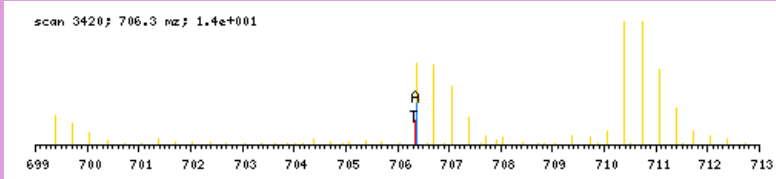
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1654	1	K 19		
256.2025	2	A 18	1932.8497	966.9288
357.2502	3	T 17	1861.8126	931.4102
486.2928	4	E 16	1760.7649	880.8864
617.3333	5	M 15	1631.7223	816.3651
716.4017	6	V 14	1500.6818	750.8448
845.4443	7	E 13	1401.6134	701.3106
944.5127	8	V 12	1272.5708	636.7893
1001.5342	9	G 11	1173.5024	587.2551
1098.5869	10	P 10	1116.4809	558.7444
1227.6295	11	E 9	1019.4282	510.2180
1342.6565	12	D 8	890.3856	445.6967
1457.6834	13	D 7	775.3586	388.1832
1586.7260	14	E 6	660.3317	330.6698
1685.7944	15	V 5	531.2891	266.1485
1742.8159	16	G 4	432.2207	216.6142
1813.8530	17	A 3	375.1992	188.1035
1942.8956	18	E 2	304.1621	152.5850
	19	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13

KDAPDGPVVLTVDGR, MH+ 1695.9281, m/z 565.9809
 L OS G26 P150811 220811-s1.03902.03902.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

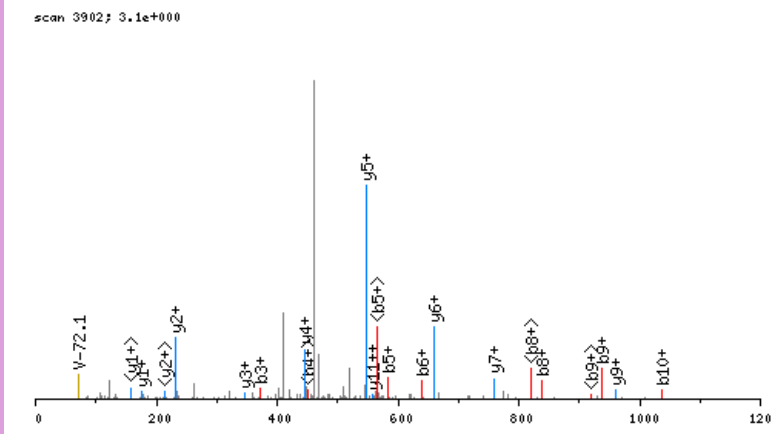
y + 2+ 3+

z + 2+ 3+

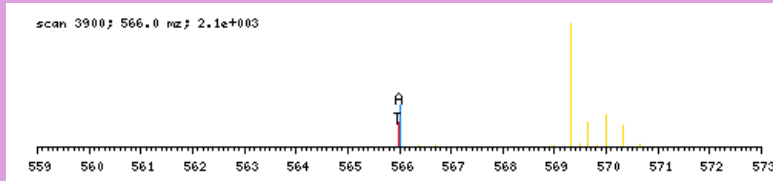
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1654	1	K 16		
300.1923	2	D 15	1511.7706	756.3892
371.2295	3	A 14	1396.7436	698.8757
468.2822	4	P 13	1325.7065	663.3572
583.3092	5	D 12	1228.6537	614.8308
640.3306	6	G 11	1113.6268	557.3173
737.3834	7	P 10	1056.6053	528.8066
838.4311	8	T 9	959.5526	480.2802
937.4995	9	V 8	858.5049	429.7564
1036.5679	10	V 7	759.4365	380.2222
1149.6520	11	L 6	660.3681	330.6879
1250.6996	12	T 5	547.2840	274.1459
1349.7681	13	V 4	446.2363	223.6221
1464.7950	14	D 3	347.1679	174.0879
1521.8165	15	G 2	232.1410	116.5744
	16	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13

KDFMIQGGDFTR, MH+ 1482.8051, m/z 494.9399
 H OS G27 P150811 220811-s1.05225.05225.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

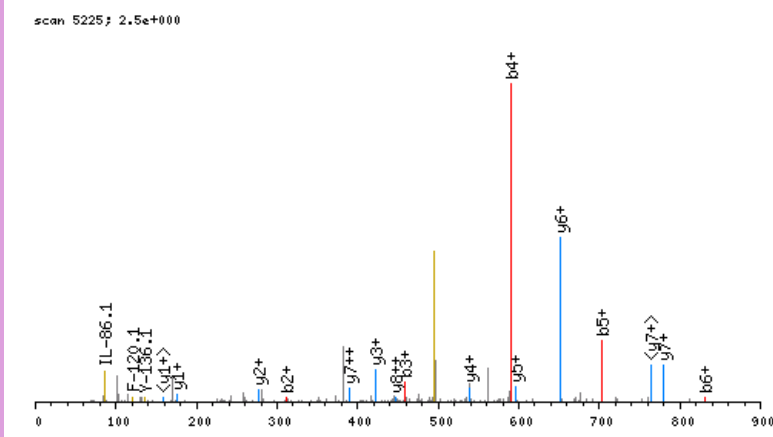
y + 2+ 3+

z + 2+ 3+

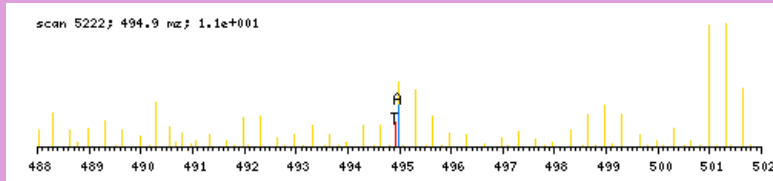
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



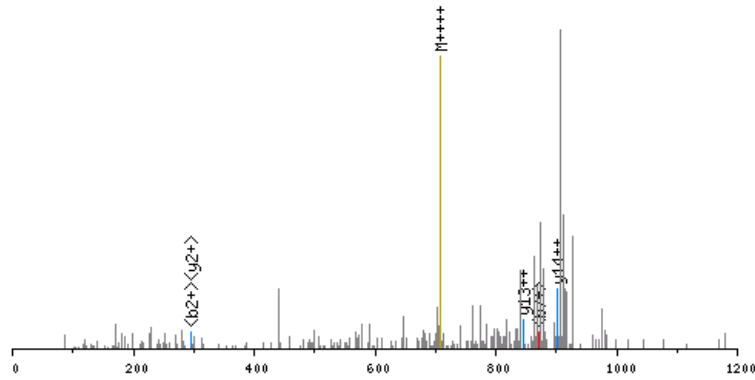
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
197.2290	1	K 12		
312.2559	2	D 11	1286.5839	643.7959
459.3244	3	F 10	1171.5570	586.2824
590.3648	4	M 9	1024.4886	512.7482
703.4489	5	I 8	893.4481	447.2280
831.5075	6	Q 7	780.3640	390.6859
888.5289	7	G 6	652.3055	326.6566
945.5504	8	G 5	595.2840	298.1459
1060.5774	9	D 4	538.2625	269.6352
1207.6458	10	F 3	423.2356	212.1217
1308.6934	11	T 2	276.1672	138.5875
	12	R 1	175.1195	88.0637

N-term:+35.07 K(1):+162.16

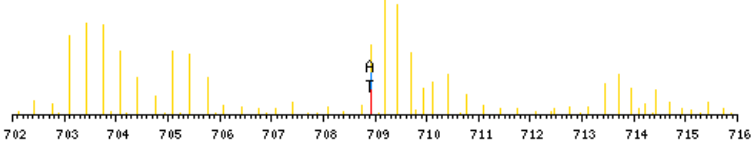
KDGLKMNAAIKMLKEYASENDR, MH+ 2832.6601, m/z 708.9205
 H OS G26 P150811 220811-s1.06693.06693.4.dta

scan 6693; 8.4e-001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6690; 708.9 m/z; 8.1e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
197.2290	1	K	23		
312.2559	2	D	22	2636.4390	1318.7234
369.2774	3	G	21	2521.4120	1261.2099
482.3615	4	L	20	2464.3906	1232.6992
644.5196	5	K	19	2351.3065	1176.1572
775.5601	6	M	18	2189.1484	1095.0781
889.6030	7	N	17	2058.1079	1029.5579
960.6401	8	A	16	1944.0650	972.5364
1031.6772	9	A	15	1873.0279	937.0178
1144.7613	10	I	14	1801.9908	901.4993
1306.9194	11	K	13	1688.9067	844.9573
1437.9599	12	M	12	1526.7486	763.8782
1551.0439	13	L	11	1395.7081	698.3580
1713.2020	14	K	10	1282.6240	641.8159
1842.2446	15	E	9	1120.4659	560.7369
2005.3079	16	Y	8	991.4233	496.2156
2076.3451	17	A	7	828.3600	414.6839
2163.3771	18	S	6	757.3229	379.1654
2292.4197	19	E	5	670.2909	335.6494
2406.4626	20	N	4	541.2483	271.1281
2521.4896	21	D	3	427.2054	214.1066
2658.5485	22	H	2	312.1784	156.5931
	23	R	1	175.1195	88.0637

N-term:+35.07 K(1):+162.16
 K(5):+162.16 K(11):+162.16
 K(14):+162.16

KDLEEDHACIPIKKSDPVVSYR, MH+ 2711.4443, m/z 678.6165
 L OS G28 P150811 220811-s1.04582.04582.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

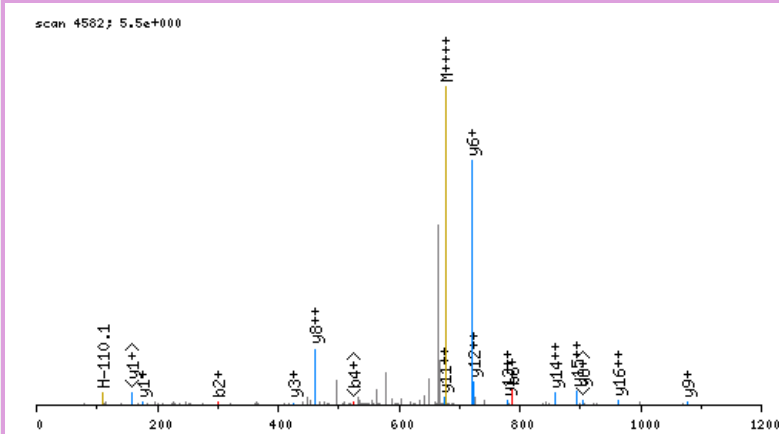
y + 2+ 3+

z + 2+ 3+

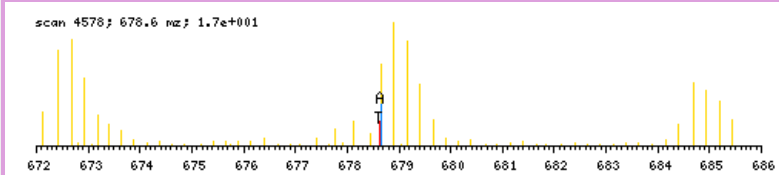
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
185.1654	1	K	22		
300.1923	2	D	21	2527.2867	1264.1473
413.2764	3	L	20	2412.2597	1206.6338
542.3190	4	E	19	2299.1757	1150.0917
671.3616	5	E	18	2170.1331	1085.5704
786.3885	6	D	17	2041.0905	1021.0492
923.4474	7	H	16	1926.0635	963.5357
994.4846	8	A	15	1789.0046	895.0062
1154.5152	9	C	14	1717.9675	859.4877
1267.5992	10	I	13	1557.9369	779.4724
1364.6520	11	P	12	1444.8528	722.9303
1477.7361	12	I	11	1347.8001	674.4040
1633.8624	13	K	10	1234.7160	617.8619
1789.9887	14	K	9	1078.5897	539.7988
1877.0207	15	S	8	922.4634	461.7356
1992.0476	16	D	7	835.4314	418.2196
2089.1004	17	P	6	720.4044	360.7061
2188.1688	18	V	5	623.3517	312.1798
2287.2372	19	V	4	524.2833	262.6455
2374.2692	20	S	3	425.2149	213.1113
2537.3326	21	Y	2	338.1828	169.5953
	22	R	1	175.1195	88.0637

N-term:+29.04 K(1):+156.13
 C(9):+160.03 K(13):+156.13
 K(14):+156.13

KDLFDPIIEER, MH+ 1442.8531, m/z 481.6226
 H OS G27 P150811 220811-s1.06411.06411.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

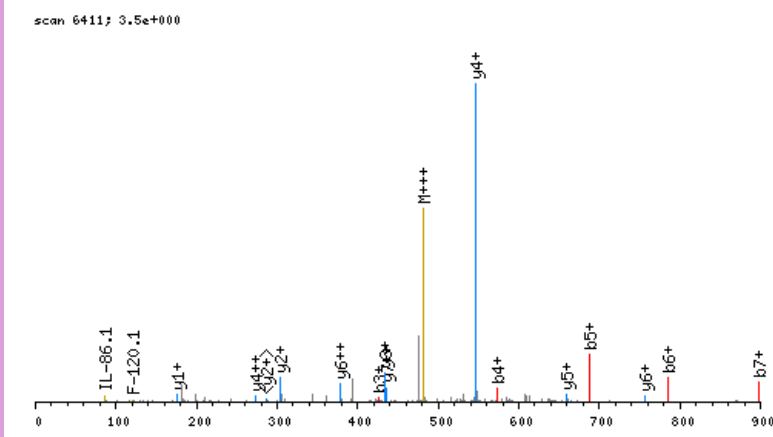
y + 2+ 3+

z + 2+ 3+

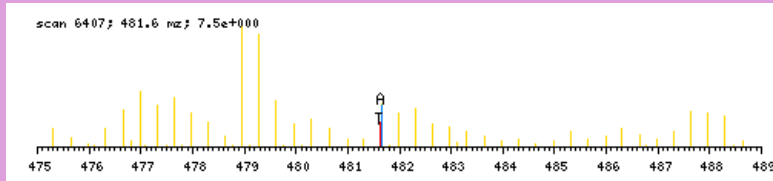
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



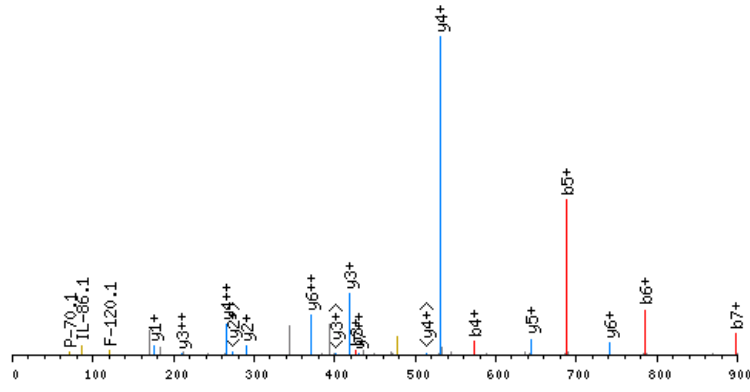
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
197.2290	1	K 11		
312.2559	2	D 10	1246.6319	623.8199
425.3400	3	L 9	1131.6050	566.3064
572.4084	4	F 8	1018.5209	509.7644
687.4354	5	D 7	871.4525	436.2302
784.4881	6	P 6	756.4256	378.7167
897.5722	7	I 5	659.3728	330.1903
1010.6563	8	I 4	546.2888	273.6483
1139.6988	9	E 3	433.2047	217.1063
1268.7414	10	E 2	304.1621	152.5850
	11	R 1	175.1195	88.0637

N-term:+35.07 K(1):+162.16

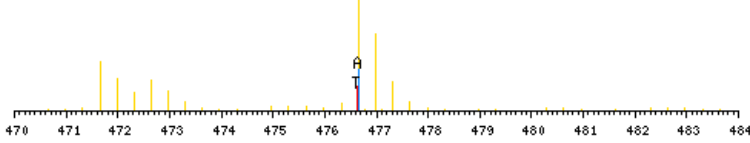
KDLFDPIIQDR, MH+ 1427.8535, m/z 476.6227
 H OS G27 P150811 220811-s1.06248.06248.3.dta

scan 6248; 2.2e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6247; 476.6 m/z; 1.6e+002



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
197.2290	1	K 11		
312.2559	2	D 10	1231.6323	616.3201
425.3400	3	L 9	1116.6053	558.8066
572.4084	4	F 8	1003.5213	502.2645
687.4354	5	D 7	856.4529	428.7303
784.4881	6	P 6	741.4259	371.2169
897.5722	7	I 5	644.3731	322.6905
1010.6563	8	I 4	531.2891	266.1485
1138.7148	9	Q 3	418.2050	209.6064
1253.7418	10	D 2	290.1464	145.5771
	11	R 1	175.1195	88.0637

N-term:+35.07 K(1):+162.16

KDQGGYEDFVEGLR, MH+ 1680.8869, m/z 560.9672
 H OS G27 P150811 220811-s1.06024.06024.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

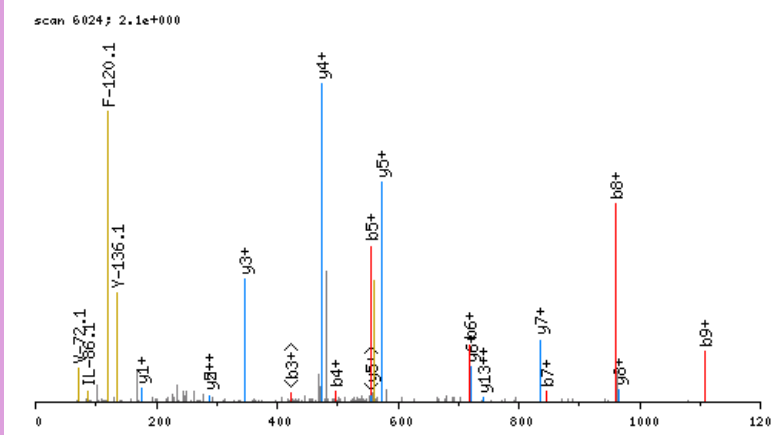
y + 2+ 3+

z + 2+ 3+

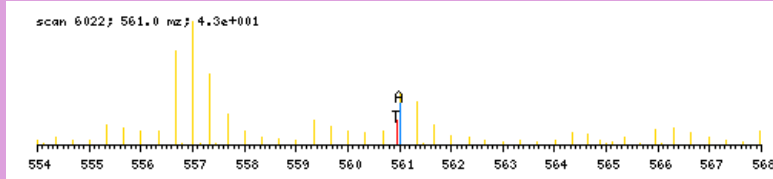
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
197.2290	1	K	14		
312.2559	2	D	13	1484.6658	742.8368
440.3145	3	Q	12	1369.6388	685.3233
497.3360	4	G	11	1241.5802	621.2940
554.3574	5	G	10	1184.5588	592.7833
717.4208	6	Y	9	1127.5373	564.2726
846.4634	7	E	8	964.4740	482.7409
961.4903	8	D	7	835.4314	418.2196
1108.5587	9	F	6	720.4044	360.7061
1207.6271	10	V	5	573.3360	287.1719
1336.6697	11	E	4	474.2676	237.6377
1393.6912	12	G	3	345.2250	173.1164
1506.7753	13	L	2	288.2036	144.6057
	14	R	1	175.1195	88.0637

N-term:+35.07 K(1):+162.16

KDTCFSTEGPNLVTR, MH+ 1780.8903, m/z 594.3016
 L OS G27 P150811 220811-s1.04353.04353.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

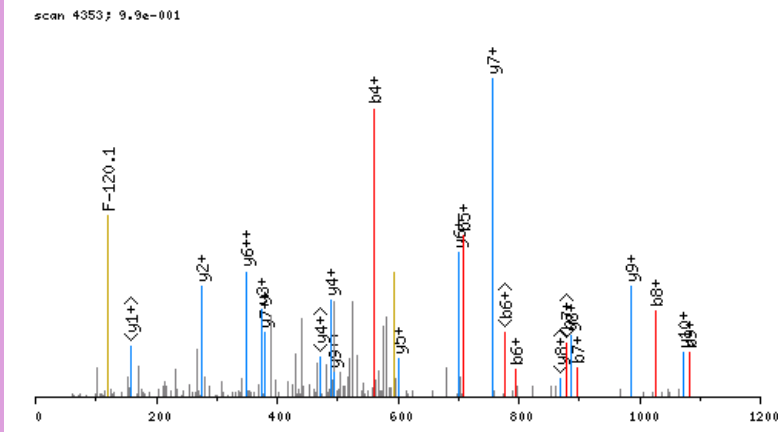
y + 2+ 3+

z + 2+ 3+

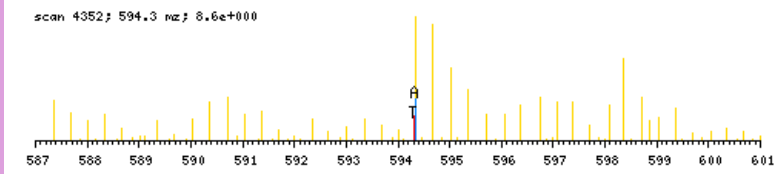
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



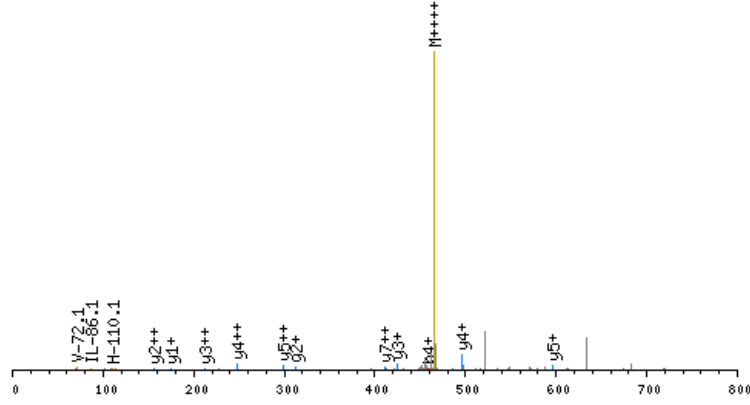
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1654	1	K 15		
300.1923	2	D 14	1596.7327	798.8703
401.2400	3	T 13	1481.7058	741.3568
561.2706	4	C 12	1380.6581	690.8330
708.3390	5	F 11	1220.6275	610.8177
795.3711	6	S 10	1073.5591	537.2835
896.4187	7	T 9	986.5271	493.7675
1025.4613	8	E 8	885.4794	443.2436
1082.4828	9	G 7	756.4368	378.7223
1179.5356	10	P 6	699.4153	350.2116
1293.5785	11	N 5	602.3626	301.6852
1406.6626	12	L 4	488.3197	244.6637
1505.7310	13	V 3	375.2356	188.1217
1606.7786	14	T 2	276.1672	138.5875
	15	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13
 C(4):+160.03

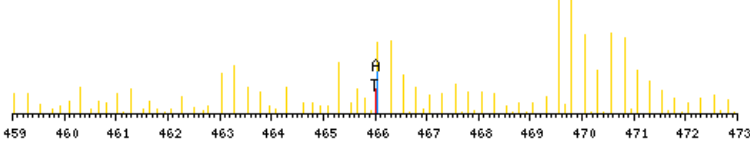
KDTGKTPVEPEVAIHR, MH+ 1861.0548, m/z 466.0191
 L OS G28 P150811 220811-s1.02882.02882.4.dta

scan 2882; 1.1e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2878; 466.0 mz; 2.1e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
185.1654	1	K 16		
300.1923	2	D 15	1676.8972	838.9525
401.2400	3	T 14	1561.8703	781.4390
458.2615	4	G 13	1460.8226	730.9152
614.3878	5	K 12	1403.8011	702.4045
715.4355	6	T 11	1247.6748	624.3413
812.4882	7	P 10	1146.6271	573.8175
911.5566	8	V 9	1049.5744	525.2911
1040.5992	9	E 8	950.5060	475.7569
1137.6520	10	P 7	821.4634	411.2356
1266.6946	11	E 6	724.4106	362.7092
1365.7630	12	V 5	595.3680	298.1879
1436.8001	13	A 4	496.2996	248.6537
1549.8842	14	I 3	425.2625	213.1352
1686.9431	15	H 2	312.1784	156.5931
	16	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13
 K(5):+156.13

KDWSALSSLIAR, MH+ 1289.7218, m/z 430.5788
 L OS G27 P150811 220811-s1.05483.05483.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

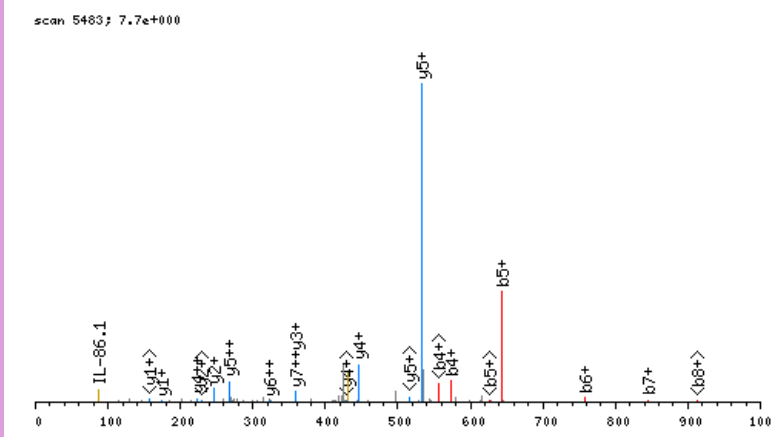
y + 2+ 3+

z + 2+ 3+

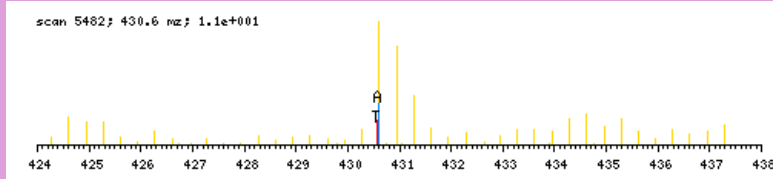
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1654	1	K 11		
300.1923	2	D 10	1105.5642	553.2860
486.2717	3	W 9	990.5373	495.7725
573.3037	4	S 8	804.4579	402.7329
644.3408	5	A 7	717.4259	359.2169
757.4249	6	L 6	646.3888	323.6983
844.4569	7	S 5	533.3047	267.1563
931.4889	8	S 4	446.2727	223.6403
1044.5730	9	L 3	359.2407	180.1243
1115.6101	10	A 2	246.1566	123.5822
	11	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13

KEAFTVIDQNR, MH+ 1376.7538, m/z 459.5895
 L OS G27 P150811 220811-s1.03383.03383.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

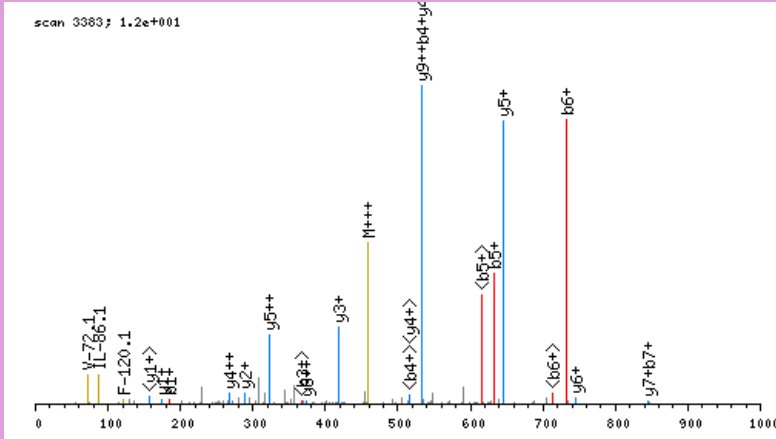
y + 2+ 3+

z + 2+ 3+

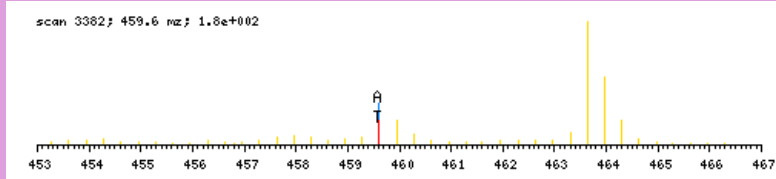
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1654	1	K 11		
314.2080	2	E 10	1192.5962	596.8020
385.2451	3	A 9	1063.5536	532.2807
532.3135	4	F 8	992.5165	496.7622
633.3612	5	T 7	845.4481	423.2280
732.4296	6	V 6	744.4004	372.7041
845.5137	7	I 5	645.3320	323.1699
960.5406	8	D 4	532.2479	266.6279
1088.5992	9	Q 3	417.2210	209.1144
1202.6421	10	N 2	289.1624	145.0851
	11	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13

KECCHGDLLECADDR, MH+ 1933.8205, m/z 484.2106
 L OS G28 P150811 220811-s1.03025.03025.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

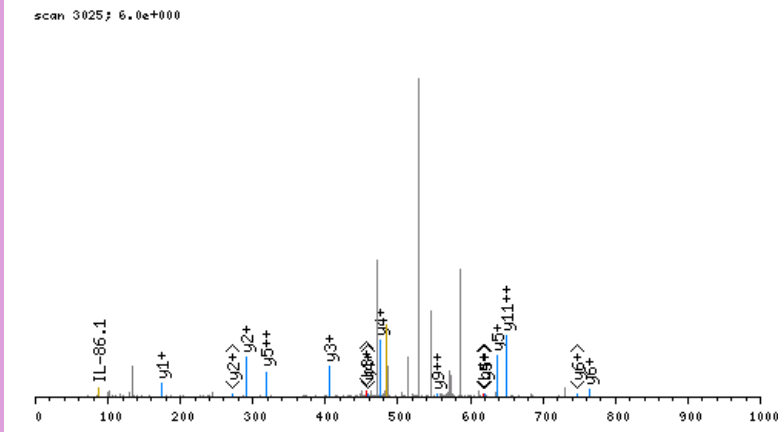
y + 2+ 3+

z + 2+ 3+

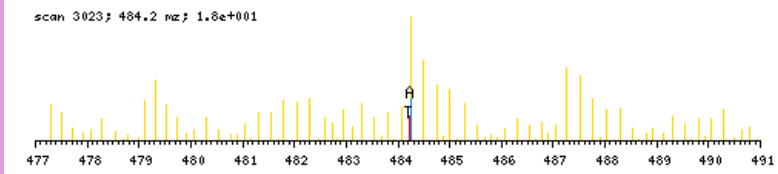
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1654	1	K	15	
314.2080	2	E	14	1749.6629 875.3354
474.2386	3	C	13	1620.6203 810.8141
634.2692	4	C	12	1460.5897 730.7988
771.3281	5	H	11	1300.5591 650.7835
828.3496	6	G	10	1163.5002 582.2540
943.3765	7	D	9	1106.4788 553.7433
1056.4606	8	L	8	991.4518 496.2298
1169.5446	9	L	7	878.3678 439.6878
1298.5872	10	E	6	765.2837 383.1458
1458.6178	11	C	5	636.2411 318.6245
1529.6549	12	A	4	476.2105 238.6092
1644.6819	13	D	3	405.1734 203.0906
1759.7088	14	D	2	290.1464 145.5771
	15	R	1	175.1195 88.0637

N-term:+29.04 K(1):+156.13
 C(3):+160.03 C(4):+160.03
 C(11):+160.03

KEEDIVEDGWTIVR, MH+ 1756.9758, m/z 586.3301
 H OS G27 P150811 220811-s1.06530.06530.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

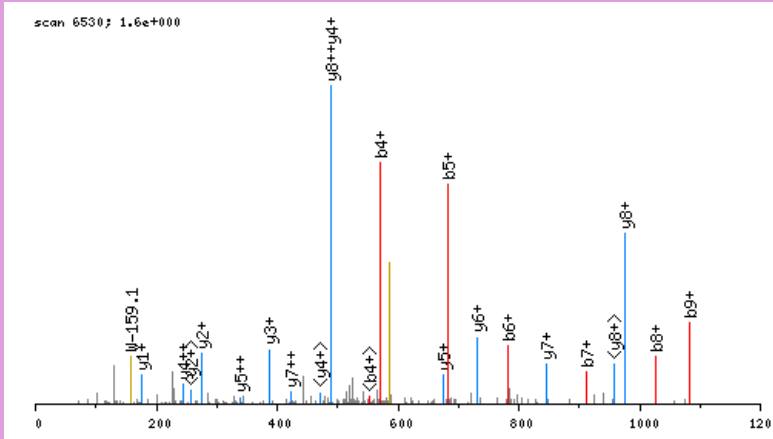
y + 2+ 3+

z + 2+ 3+

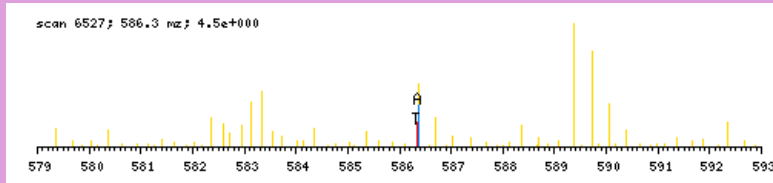
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
197.2290	1	K 14		
326.2716	2	E 13	1560.7546	780.8812
455.3142	3	E 12	1431.7120	716.3599
570.3411	4	D 11	1302.6694	651.8386
683.4252	5	I 10	1187.6424	594.3251
782.4936	6	V 9	1074.5584	537.7831
911.5362	7	E 8	975.4900	488.2489
1026.5631	8	D 7	846.4474	423.7276
1083.5846	9	G 6	731.4204	366.2141
1269.6639	10	W 5	674.3990	337.7034
1370.7116	11	T 4	488.3197	244.6637
1483.7957	12	I 3	387.2720	194.1399
1582.8641	13	V 2	274.1879	137.5979
	14	R 1	175.1195	88.0637

N-term:+35.07 K(1):+162.16

KEEEGIGEELAIHNR, MH+ 1779.9241, m/z 445.7365
 L OS G28 P150811 220811-s1.04111.04111.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

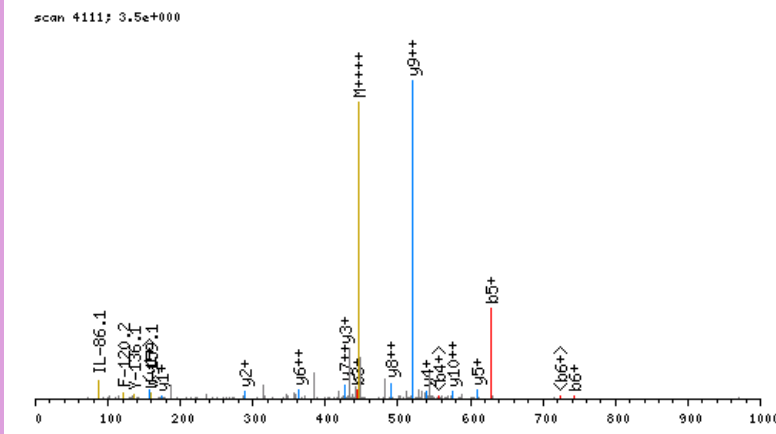
y + 2+ 3+

z + 2+ 3+

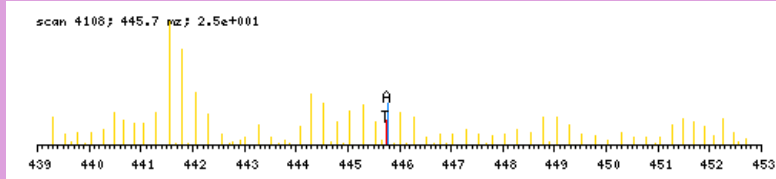
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1654	1	K 15		
314.2080	2	E 14	1595.7665	798.3872
443.2506	3	E 13	1466.7239	733.8659
572.2932	4	E 12	1337.6814	669.3446
629.3146	5	G 11	1208.6388	604.8233
742.3987	6	I 10	1151.6173	576.3126
799.4202	7	G 9	1038.5332	519.7705
928.4628	8	E 8	981.5118	491.2598
1057.5054	9	E 7	852.4692	426.7385
1170.5894	10	L 6	723.4266	362.2172
1241.6265	11	A 5	610.3425	305.6752
1354.7106	12	I 4	539.3054	270.1566
1491.7695	13	H 3	426.2213	213.6146
1605.8124	14	N 2	289.1624	145.0851
	15	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13

KEHISTTKVPEQPR, MH+ 1752.0868, m/z 438.7772
 H OS G28 P150811 220811-s1.01904.01904.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

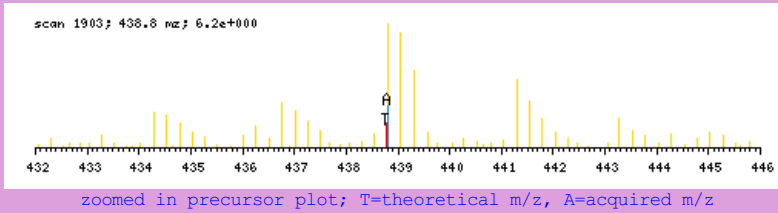
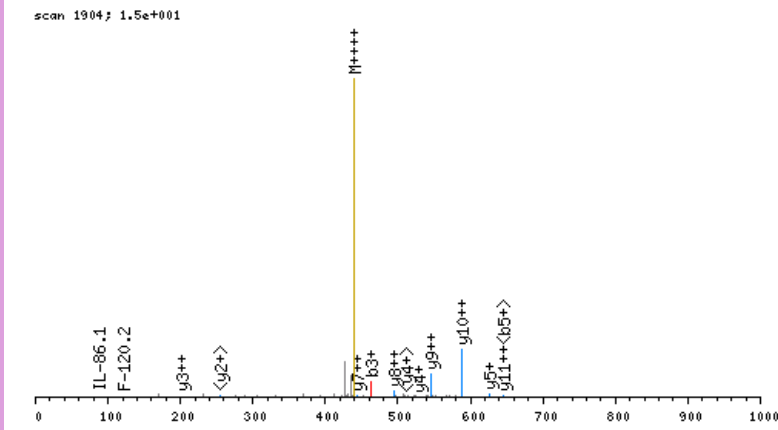
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO



b ⁺	#	AA #	y ⁺	y ²⁺
197.2290	1	K 14		
326.2716	2	E 13	1555.8657	778.4367
463.3305	3	H 12	1426.8231	713.9154
576.4146	4	I 11	1289.7642	645.3860
663.4466	5	S 10	1176.6801	588.8440
764.4943	6	T 9	1089.6481	545.3279
865.5420	7	P 8	988.6004	494.8041
1027.7001	8	K 7	887.5527	444.2803
1126.7685	9	V 6	725.3946	363.2012
1223.8212	10	P 5	626.3262	313.6670
1352.8638	11	E 4	529.2734	265.1406
1480.9224	12	Q 3	400.2308	200.6193
1577.9752	13	P 2	272.1723	136.5900
	14	R 1	175.1195	88.0637

N-term:+35.07 K(1):+162.16
 K(8):+162.16

KEILGTAQSVGCNVDGR, MH+ 1859.9649, m/z 620.6598
 L OS G27 P150811 220811-s1.03828.03828.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

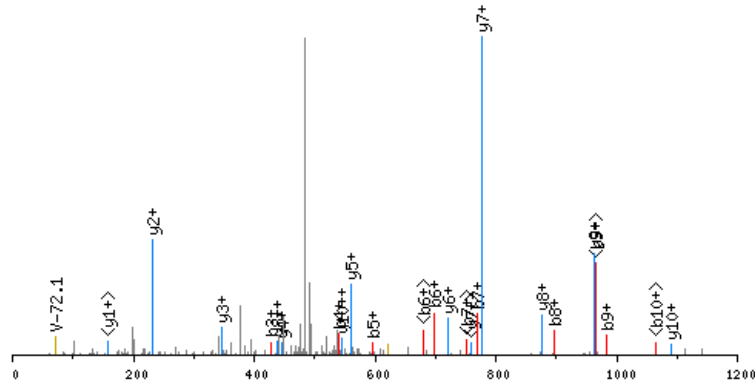
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

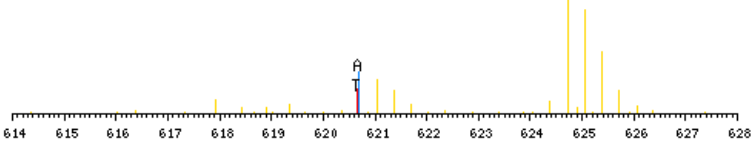
GO

scan 3828; 2.1e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 3827; 620.7 mz; 2.5e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1654	1	K 17		
314.2080	2	E 16	1675.8073	838.4076
427.2921	3	I 15	1546.7647	773.8863
540.3761	4	L 14	1433.6807	717.3442
597.3976	5	G 13	1320.5966	660.8022
698.4453	6	T 12	1263.5751	632.2915
769.4824	7	A 11	1162.5274	581.7676
897.5410	8	Q 10	1091.4903	546.2491
984.5730	9	S 9	963.4318	482.2198
1083.6414	10	V 8	876.3997	438.7038
1140.6629	11	G 7	777.3313	389.1696
1300.6935	12	C 6	720.3098	360.6588
1414.7364	13	N 5	560.2792	280.6435
1513.8048	14	V 4	446.2363	223.6221
1628.8317	15	D 3	347.1679	174.0879
1685.8532	16	G 2	232.1410	116.5744
	17	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13
 C(12):+160.03

KELEDMNQKLFDLR, MH+ 1881.1004, m/z 471.0306
 H OS G28 P150811 220811-s1.06892.06892.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

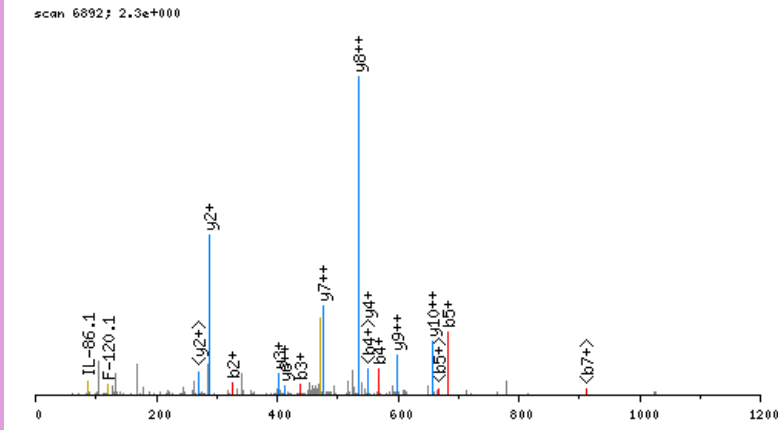
y + 2+ 3+

z + 2+ 3+

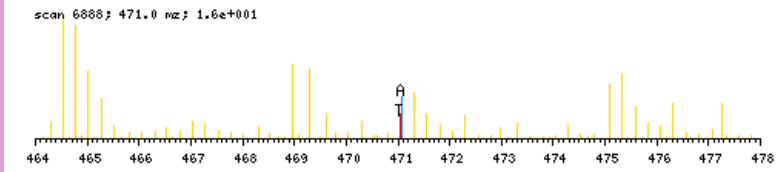
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



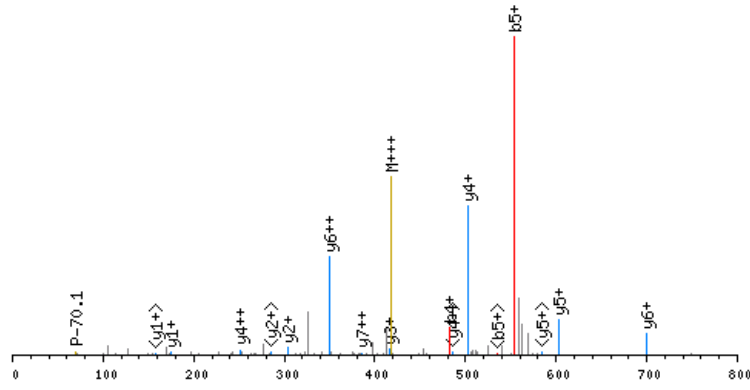
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
197.2290	1	K 14		
326.2716	2	E 13	1684.8793	842.9435
439.3557	3	L 12	1555.8367	778.4223
568.3983	4	E 11	1442.7526	721.8802
683.4252	5	D 10	1313.7100	657.3589
814.4657	6	M 9	1198.6831	599.8455
928.5086	7	N 8	1067.6426	534.3252
1056.5672	8	Q 7	953.5997	477.3037
1218.7253	9	K 6	825.5411	413.2745
1331.8093	10	L 5	663.3830	332.1954
1478.8778	11	F 4	550.2989	275.6534
1593.9047	12	D 3	403.2305	202.1192
1706.9888	13	L 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+35.07 K(1):+162.16
 K(9):+162.16

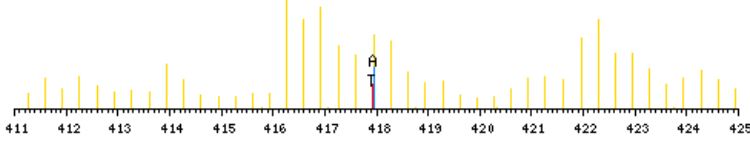
KEPAAPVSIQR, MH+ 1251.7425, m/z 417.9190
 L OS G27 P150811 220811-s1.02738.02738.3.dta

scan 2738; 4.4e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2737; 417.9 m/z; 2.3e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
185.1654	1	K 11		
314.2080	2	E 10	1067.5849	534.2964
411.2608	3	P 9	938.5423	469.7751
482.2979	4	A 8	841.4896	421.2487
553.3350	5	A 7	770.4525	385.7301
650.3877	6	P 6	699.4153	350.2116
749.4562	7	V 5	602.3626	301.6852
836.4882	8	S 4	503.2942	252.1510
949.5723	9	I 3	416.2621	208.6350
1077.6308	10	Q 2	303.1781	152.0930
	11	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13

KEVGVGFATR, MH+ 1119.6526, m/z 373.8891
 L OS G27 P150811 220811-s1.02905.02905.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

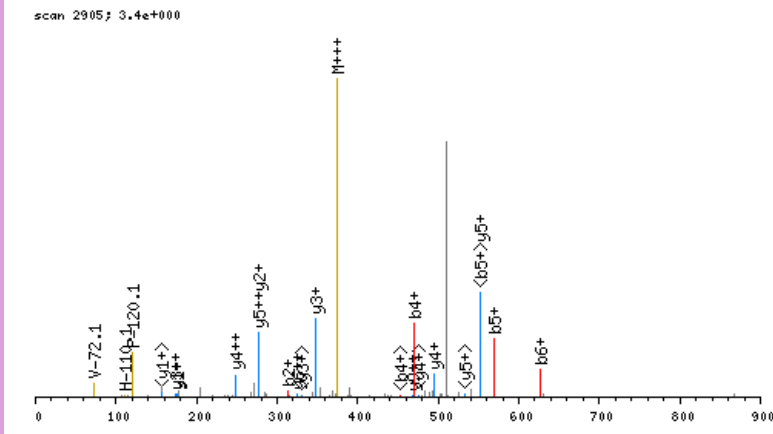
y + 2+ 3+

z + 2+ 3+

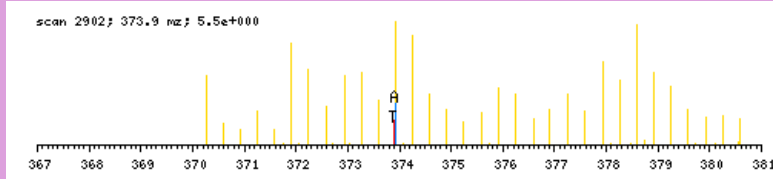
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
185.1654	1	K	10		
314.2080	2	E	9	935.4951	468.2514
413.2764	3	V	8	806.4525	403.7301
470.2979	4	G	7	707.3840	354.1959
569.3663	5	V	6	650.3626	325.6852
626.3877	6	G	5	551.2942	276.1510
773.4562	7	F	4	494.2727	247.6403
844.4933	8	A	3	347.2043	174.1061
945.5410	9	T	2	276.1672	138.5875
	10	R	1	175.1195	88.0637

N-term:+29.04 K(1):+156.13

KEVKCDMEVSCPEGYTCCR, MH+ 2492.0751, m/z 623.7742
 L_OS_G28_P150811_220811-s1.03835.03835.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

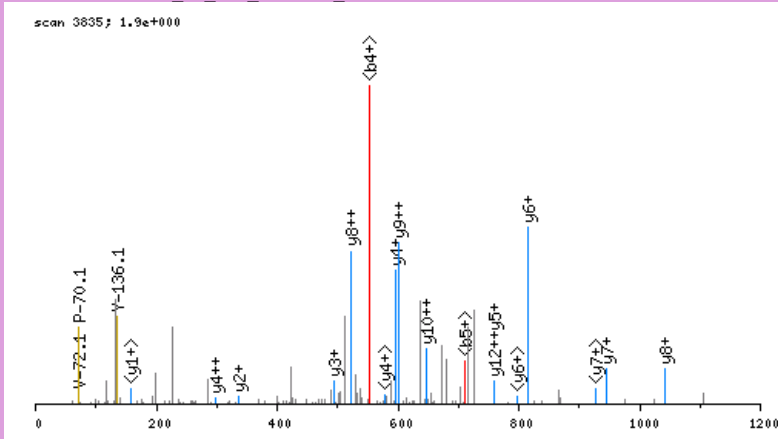
y + 2+ 3+

z + 2+ 3+

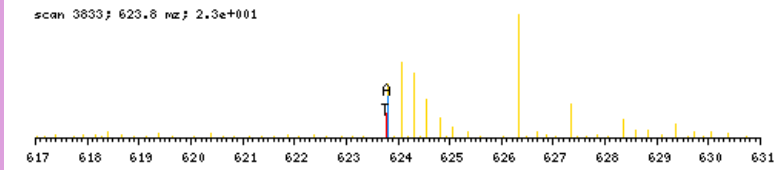
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
185.1654	1	K	19		
314.2080	2	E	18	2307.9175	1154.4627
413.2764	3	V	17	2178.8749	1089.9414
569.4027	4	K	16	2079.8065	1040.4072
729.4333	5	C	15	1923.6802	962.3440
844.4603	6	D	14	1763.6496	882.3287
975.5007	7	M	13	1648.6226	824.8152
1104.5433	8	E	12	1517.5822	759.2950
1203.6117	9	V	11	1388.5396	694.7737
1290.6438	10	S	10	1289.4712	645.2395
1450.6744	11	C	9	1202.4391	601.7235
1547.7271	12	P	8	1042.4085	521.7082
1676.7697	13	E	7	945.3558	473.1818
1733.7912	14	G	6	816.3132	408.6605
1896.8545	15	Y	5	759.2917	380.1498
1997.9022	16	T	4	596.2284	298.6181
2157.9328	17	C	3	495.1807	248.0943
2317.9634	18	C	2	335.1501	168.0790
	19	R	1	175.1195	88.0637

N-term:+29.04 K(1):+156.13
 K(4):+156.13 C(5):+160.03
 C(11):+160.03 C(17):+160.03
 C(18):+160.03

KEVYENYPAYDLTER, MH+ 1958.0183, m/z 653.3443
 H OS G27 P150811 220811-s1.05208.05208.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

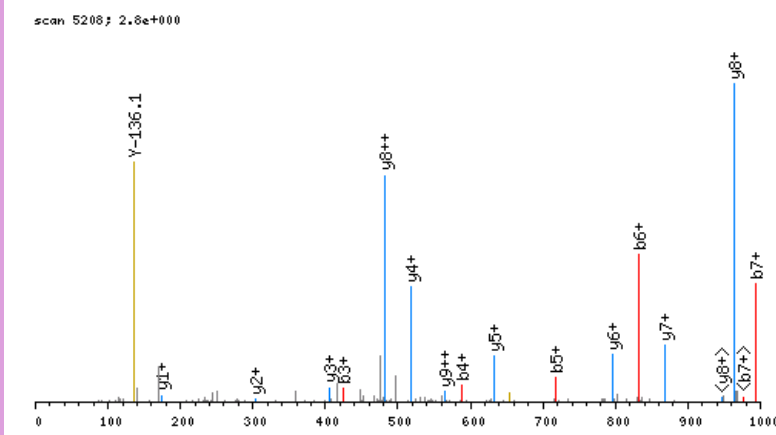
y + 2+ 3+

z + 2+ 3+

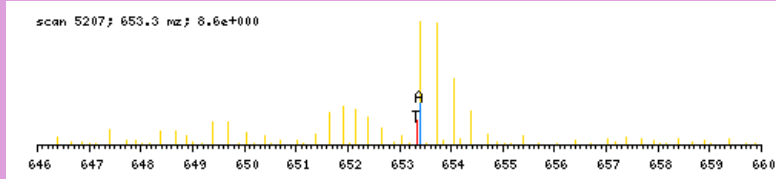
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



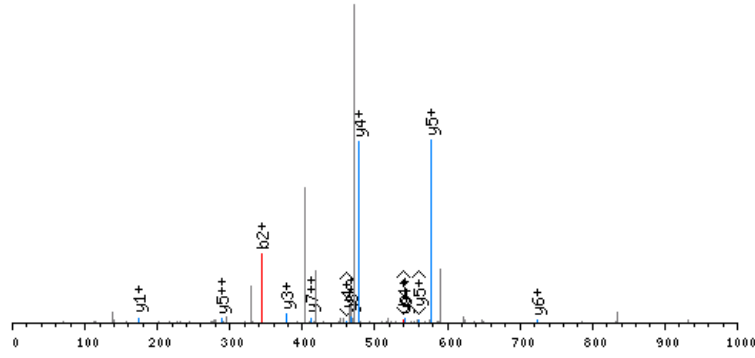
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
197.2290	1	K 15		
326.2716	2	E 14	1761.7972	881.4025
425.3400	3	V 13	1632.7546	816.8812
588.4033	4	Y 12	1533.6862	767.3470
717.4459	5	E 11	1370.6228	685.8153
831.4889	6	N 10	1241.5802	621.2940
994.5522	7	Y 9	1127.5373	564.2726
1091.6049	8	P 8	964.4740	482.7409
1162.6421	9	A 7	867.4212	434.2145
1325.7054	10	Y 6	796.3841	398.6960
1440.7323	11	D 5	633.3208	317.1643
1553.8164	12	L 4	518.2938	259.6508
1654.8641	13	T 3	405.2098	203.1088
1783.9067	14	E 2	304.1621	152.5850
	15	R 1	175.1195	88.0637

N-term:+35.07 K(1):+162.16

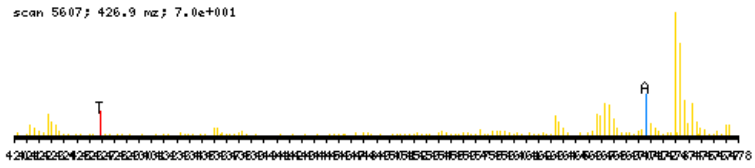
KFNPFVTSR, MH+ 1278.7483, m/z 426.9209
 H OS G27 P150811 220811-s1.05609.05609.3.dta

scan 5609; 4.2e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 5607; 426.9 m/z; 7.0e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
197.2290	1	K 10		
344.2974	2	F 9	1082.5271	541.7675
458.3403	3	N 8	935.4587	468.2332
555.3931	4	P 7	821.4157	411.2118
702.4615	5	F 6	724.3630	362.6854
801.5299	6	V 5	577.2946	289.1512
902.5776	7	T 4	478.2262	239.6170
989.6096	8	S 3	377.1785	189.0931
1104.6366	9	D 2	290.1464	145.5771
	10	R 1	175.1195	88.0637

N-term:+35.07 K(1):+162.16

KGLEEEGEEGNKQNLK, MH+ 1913.9933, m/z 479.2538
 L OS G28 P150811 220811-s1.02111.02111.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

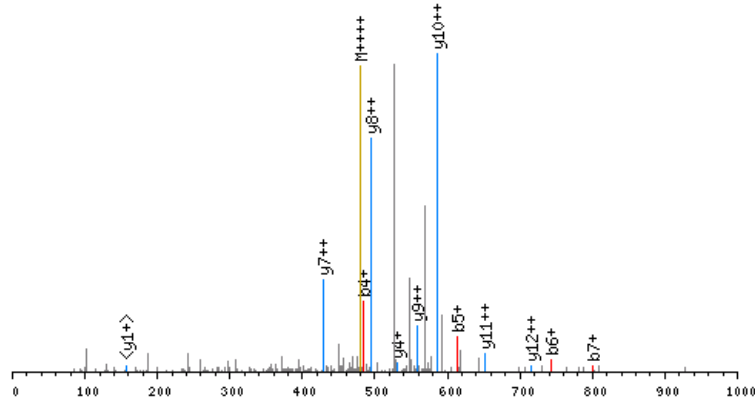
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

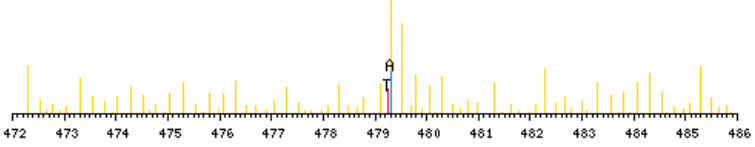
GO

scan 2111; 1.5e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2108; 479.3 mz; 5.1e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1654	1	K 16		
242.1869	2	G 15	1729.8357	865.4218
355.2709	3	L 14	1672.8143	836.9110
484.3135	4	E 13	1559.7302	780.3690
613.3561	5	E 12	1430.6876	715.8477
742.3987	6	E 11	1301.6450	651.3264
799.4202	7	G 10	1172.6024	586.8051
928.4628	8	E 9	1115.5809	558.2944
1057.5054	9	E 8	986.5384	493.7731
1114.5268	10	G 7	857.4958	429.2518
1228.5697	11	N 6	800.4743	400.7411
1384.6960	12	K 5	686.4314	343.7196
1512.7546	13	Q 4	530.3051	265.6564
1626.7976	14	N 3	402.2465	201.6272
1739.8816	15	L 2	288.2036	144.6057
	16	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13
 K(12):+156.13

KGPTLLDGDLPQENVLQR, MH+ 2178.1770, m/z 545.2997
 L OS G26 P150811 220811-s1.05501.05501.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

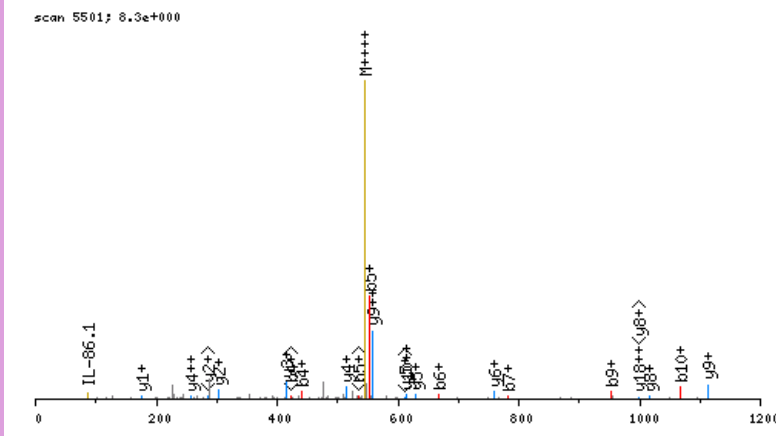
y + 2+ 3+

z + 2+ 3+

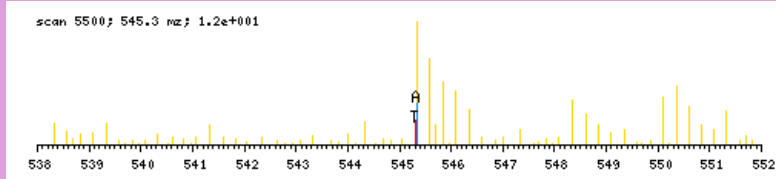
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1654	1	K 19		
242.1869	2	G 18	1994.0195	997.5136
339.2396	3	P 17	1936.9980	969.0029
440.2873	4	T 16	1839.9452	920.4765
553.3714	5	L 15	1738.8976	869.9527
666.4554	6	L 14	1625.8135	813.4107
781.4824	7	D 13	1512.7294	756.8686
838.5038	8	G 12	1397.7025	699.3552
953.5308	9	D 11	1340.6810	670.8444
1066.6148	10	L 10	1225.6541	613.3310
1163.6676	11	P 9	1112.5700	556.7889
1292.7102	12	E 8	1015.5172	508.2625
1420.7688	13	Q 7	886.4747	443.7412
1549.8114	14	E 6	758.4161	379.7120
1663.8543	15	N 5	629.3735	315.1907
1762.9227	16	V 4	515.3306	258.1692
1876.0068	17	L 3	416.2621	208.6350
2004.0654	18	Q 2	303.1781	152.0930
	19	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13

KGSDFDCELR, MH+ 1282.6101, m/z 428.2082
 L OS G27 P150811 220811-s1.02920.02920.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

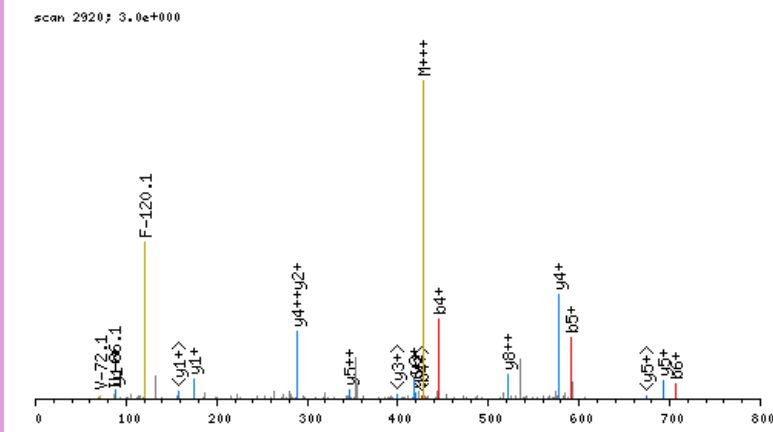
y + 2+ 3+

z + 2+ 3+

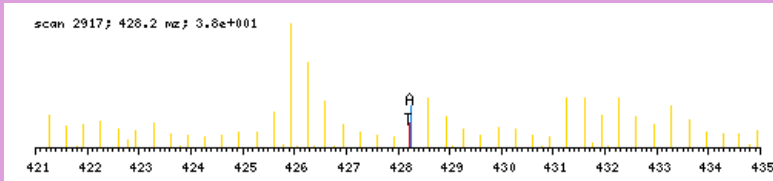
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1654	1	K 10		
242.1869	2	G 9	1098.4526	549.7302
329.2189	3	S 8	1041.4311	521.2195
444.2458	4	D 7	954.3991	477.7034
591.3142	5	F 6	839.3721	420.1900
706.3412	6	D 5	692.3037	346.6558
866.3718	7	C 4	577.2768	289.1423
995.4144	8	E 3	417.2462	209.1270
1108.4984	9	L 2	288.2036	144.6057
	10	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13
 C(7):+160.03

KGVPEDAVETLAGSLGTR, MH+ 1955.0813, m/z 652.3653
 L OS G26 P150811 220811-s1.06479.06479.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

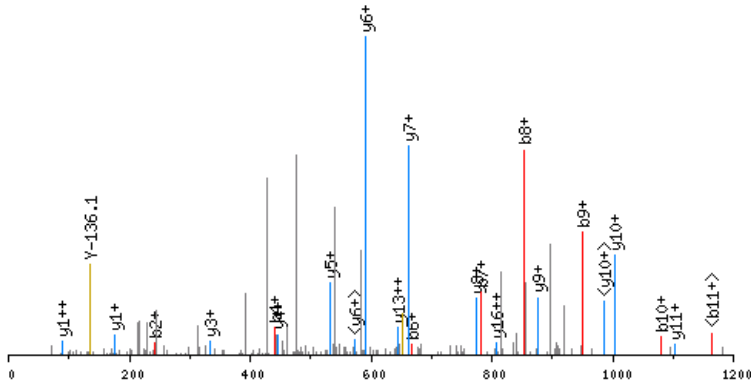
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

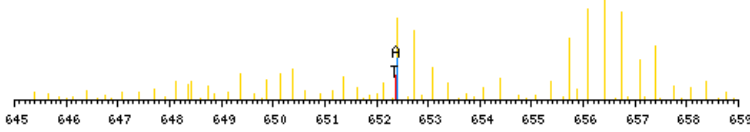
GO

scan 6479; 1.1e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6475; 652.4 m/z; 4.4e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
185.1654	1	K	19		
242.1869	2	G	18	1770.9238	885.9658
341.2553	3	V	17	1713.9023	857.4551
440.3237	4	V	16	1614.8339	807.9209
537.3765	5	P	15	1515.7655	758.3867
666.4190	6	E	14	1418.7127	709.8603
781.4460	7	D	13	1289.6701	645.3390
852.4831	8	A	12	1174.6432	587.8255
951.5515	9	V	11	1103.6061	552.3069
1080.5941	10	E	10	1004.5376	502.7727
1181.6418	11	T	9	875.4951	438.2514
1294.7259	12	L	8	774.4474	387.7276
1365.7630	13	A	7	661.3633	331.1856
1422.7844	14	G	6	590.3262	295.6670
1509.8165	15	S	5	533.3047	267.1563
1622.9005	16	L	4	446.2727	223.6403
1679.9220	17	G	3	333.1886	167.0982
1780.9697	18	T	2	276.1672	138.5875
	19	R	1	175.1195	88.0637

N-term:+29.04 K(1):+156.13

KIGGIGTVPVGR, MH+ 1221.8319, m/z 407.9488
 H OS G27 P150811 220811-s1.03650.03650.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

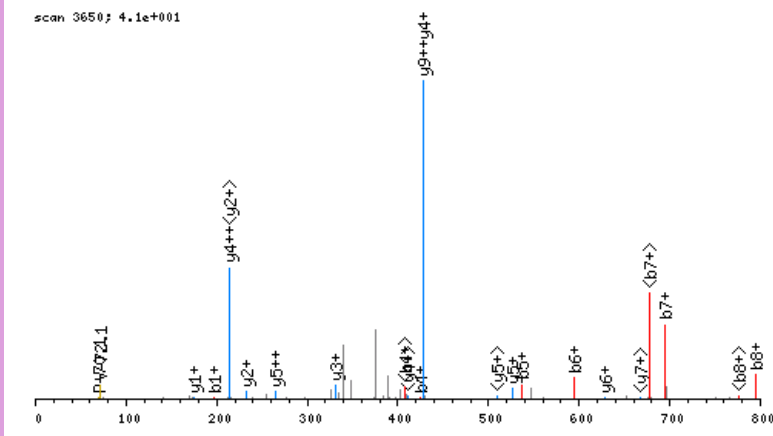
y + 2+ 3+

z + 2+ 3+

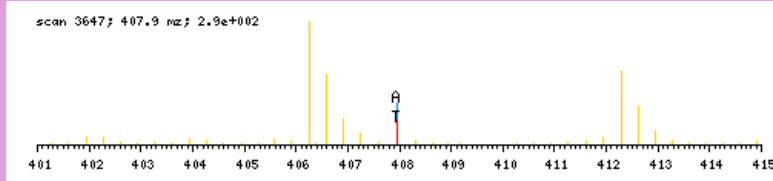
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
197.2290	1	K 12		
310.3131	2	I 11	1025.6108	513.3093
367.3345	3	G 10	912.5267	456.7673
424.3560	4	G 9	855.5052	428.2565
537.4401	5	I 8	798.4838	399.7458
594.4615	6	G 7	685.3997	343.2038
695.5092	7	T 6	628.3782	314.6930
794.5776	8	V 5	527.3306	264.1692
891.6304	9	P 4	428.2621	214.6350
990.6988	10	V 3	331.2094	166.1086
1047.7203	11	G 2	232.1410	116.5744
	12	R 1	175.1195	88.0637

N-term:+35.07 K(1):+162.16

KLEVNEAELLR, MH+ 1369.8055, m/z 457.2734
 L OS G27 P150811 220811-s1.05290.05290.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

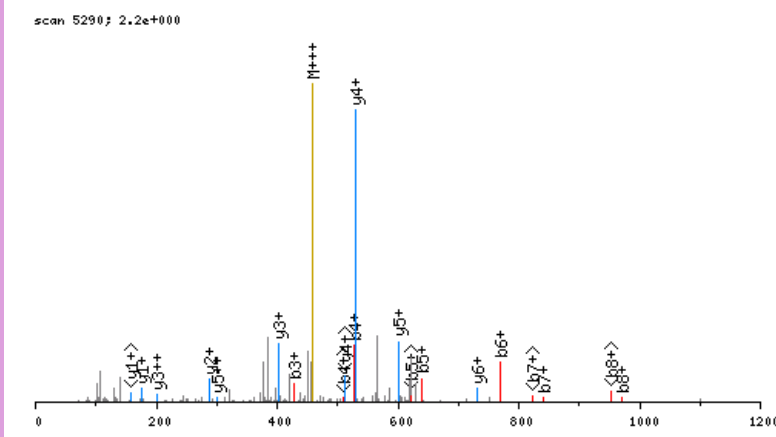
y + 2+ 3+

z + 2+ 3+

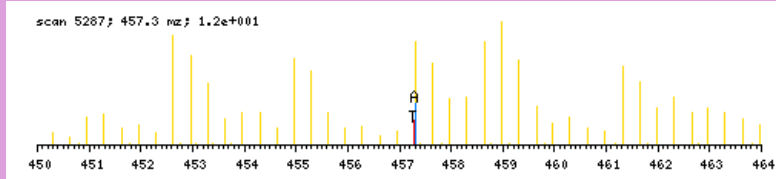
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1654	1	K 11		
298.2495	2	L 10	1185.6479	593.3279
427.2921	3	E 9	1072.5639	536.7858
526.3605	4	V 8	943.5213	472.2645
640.4034	5	N 7	844.4529	422.7303
769.4460	6	E 6	730.4099	365.7089
840.4831	7	A 5	601.3673	301.1876
969.5257	8	E 4	530.3302	265.6690
1082.6098	9	L 3	401.2876	201.1477
1195.6938	10	L 2	288.2036	144.6057
	11	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13

KLHVDPENFR, MH+ 1310.7221, m/z 437.5789
 L OS G28 P150811 220811-s1.03562.03562.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

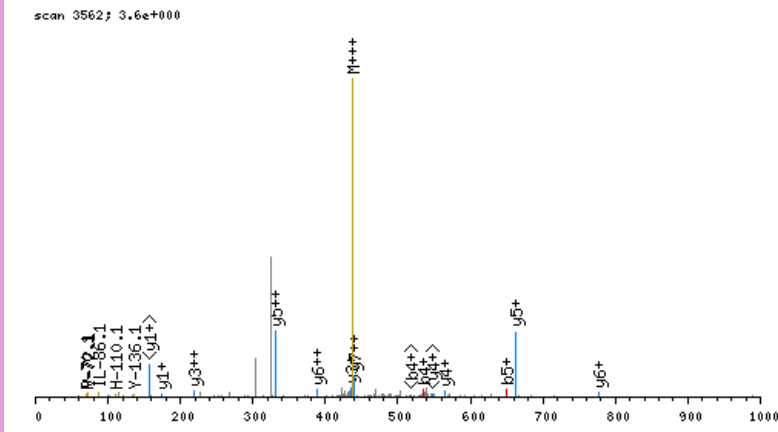
y + 2+ 3+

z + 2+ 3+

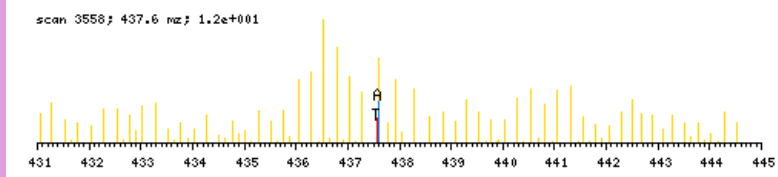
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1654	1	K 10		
298.2495	2	L 9	1126.5645	563.7862
435.3084	3	H 8	1013.4805	507.2441
534.3768	4	V 7	876.4216	438.7147
649.4037	5	D 6	777.3531	389.1805
746.4565	6	P 5	662.3262	331.6670
875.4991	7	E 4	565.2734	283.1406
989.5420	8	N 3	436.2308	218.6193
1136.6104	9	F 2	322.1879	161.5979
	10	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

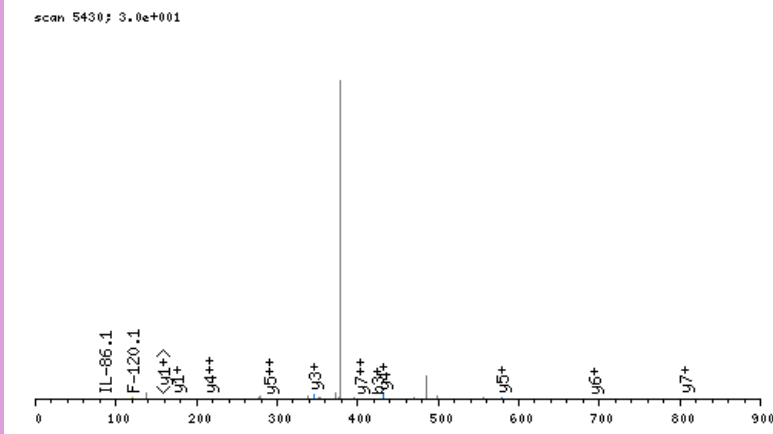
y + 2+ 3+

z + 2+ 3+

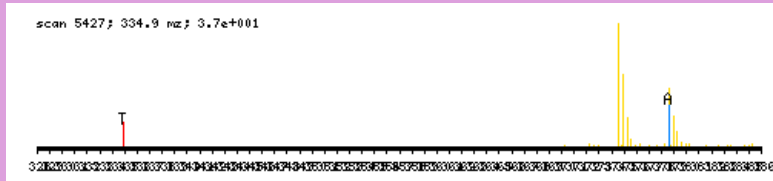
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
197.2290	1	K	8	
310.3131	2	L	7	806.4525 403.7301
424.3560	3	N	6	693.3684 347.1881
571.4244	4	F	5	579.3255 290.1666
658.4564	5	S	4	432.2571 216.6324
715.4779	6	G	3	345.2250 173.1164
828.5620	7	L	2	288.2036 144.6057
	8	R	1	175.1195 88.0637

N-term:+35.07 K(1):+162.16

KLQPLSPVPSDIEISR, MH+ 1835.0642, m/z 612.3596
 L OS G26 P150811 220811-s1.05093.05093.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

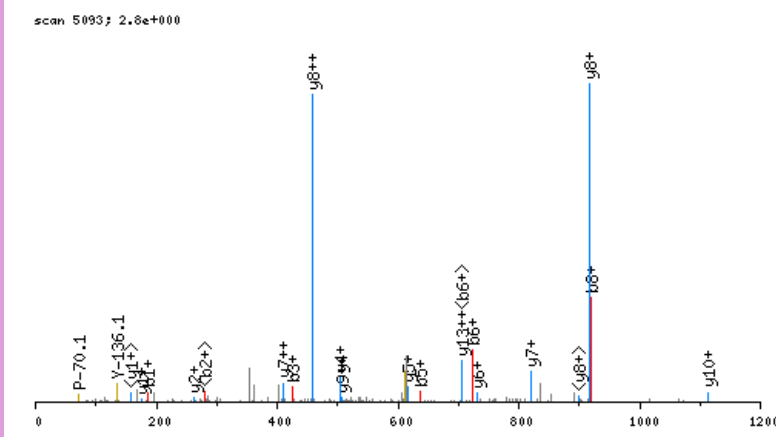
y + 2+ 3+

z + 2+ 3+

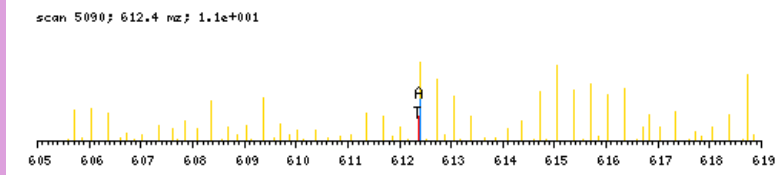
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



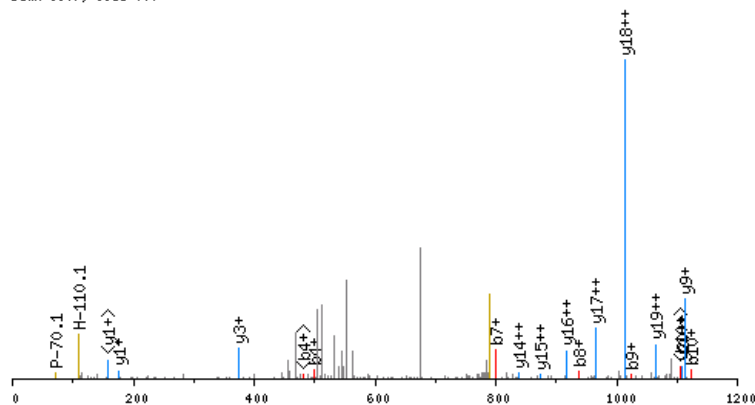
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1654	1	K 16		
298.2495	2	L 15	1650.9067	825.9572
426.3080	3	Q 14	1537.8226	769.4152
523.3608	4	P 13	1409.7640	705.3859
636.4449	5	L 12	1312.7113	656.8595
723.4769	6	S 11	1199.6272	600.3175
820.5297	7	P 10	1112.5952	556.8015
919.5981	8	V 9	1015.5424	508.2751
1016.6508	9	P 8	916.4740	458.7409
1103.6829	10	S 7	819.4212	410.2145
1218.7098	11	D 6	732.3892	366.6985
1331.7939	12	I 5	617.3623	309.1850
1460.8365	13	E 4	504.2782	252.6430
1573.9205	14	I 3	375.2356	188.1217
1660.9526	15	S 2	262.1515	131.5797
	16	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13

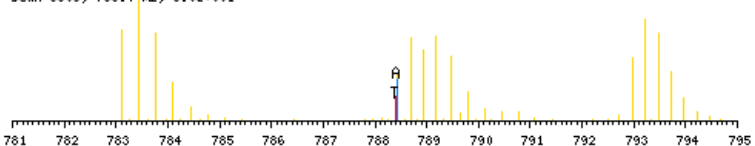
KLSLEGDHSTPPSAYGSVKPYTNFQDAER, MH+ 3150.5748, m/z 788.3992
 L OS G28 P150811 220811-s1.06307.06307.4.dta

scan 6307; 3.1e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 6303; 788.4 m/z; 3.0e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1654	1	K 28		
298.2495	2	L 27	2966.4172	1483.7125
385.2815	3	S 26	2853.3332	1427.1705
498.3656	4	L 25	2766.3012	1383.6545
627.4081	5	E 24	2653.2171	1327.1125
684.4296	6	G 23	2524.1745	1262.5912
799.4566	7	D 22	2467.1530	1234.0804
936.5155	8	H 21	2352.1261	1176.5670
1023.5475	9	S 20	2215.0672	1108.0375
1124.5952	10	T 19	2128.0351	1064.5215
1221.6479	11	P 18	2026.9875	1013.9976
1318.7007	12	P 17	1929.9347	965.4713
1405.7327	13	S 16	1832.8819	916.9449
1476.7698	14	A 15	1745.8499	873.4289
1639.8332	15	Y 14	1674.8128	837.9103
1696.8546	16	G 13	1511.7495	756.3786
1783.8867	17	S 12	1454.7280	727.8679
1882.9551	18	V 11	1367.6960	684.3519
2039.0814	19	K 10	1268.6276	634.8177
2136.1341	20	P 9	1112.5013	556.7545
2299.1975	21	Y 8	1015.4485	508.2282
2400.2452	22	T 7	852.3852	426.6965
2514.2881	23	N 6	751.3375	376.1727
2661.3565	24	F 5	637.2946	319.1512
2776.3834	25	D 4	490.2262	245.6170
2847.4205	26	A 3	375.1992	188.1035
2976.4631	27	E 2	304.1621	152.5850
	28	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13
 K(19):+156.13

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

KLTDVLR, MH+ 987.6203, m/z 329.8783
 L OS G27 P150811 220811-s1.04469.04469.3.dta

scan 4469; 2.5e+001

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

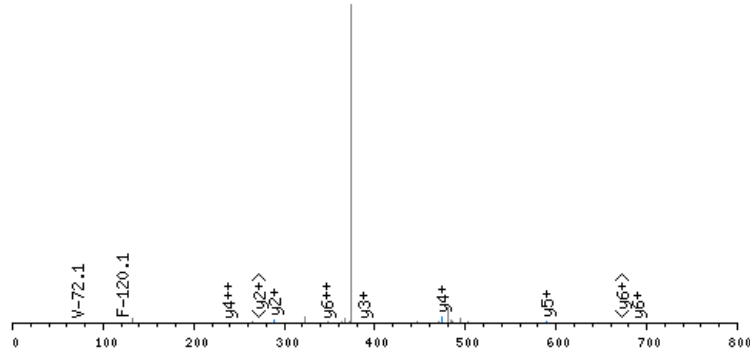
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

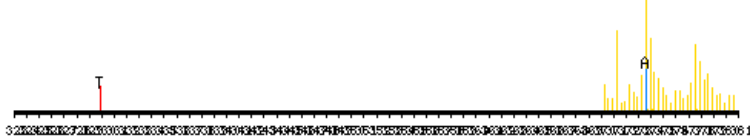
zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4467; 329.9 m/z; 5.8e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1654	1	K	8	
298.2495	2	L	7	803.4627 402.2353
399.2971	3	T	6	690.3786 345.6932
514.3241	4	D	5	589.3310 295.1694
601.3561	5	S	4	474.3040 237.6559
700.4245	6	V	3	387.2720 194.1399
813.5086	7	L	2	288.2036 144.6057
	8	R	1	175.1195 88.0637

N-term:+29.04 K(1):+156.13

KNAIANASTLAEVER, MH+ 1654.9764, m/z 552.3303
 H OS G27 P150811 220811-s1.04159.04159.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

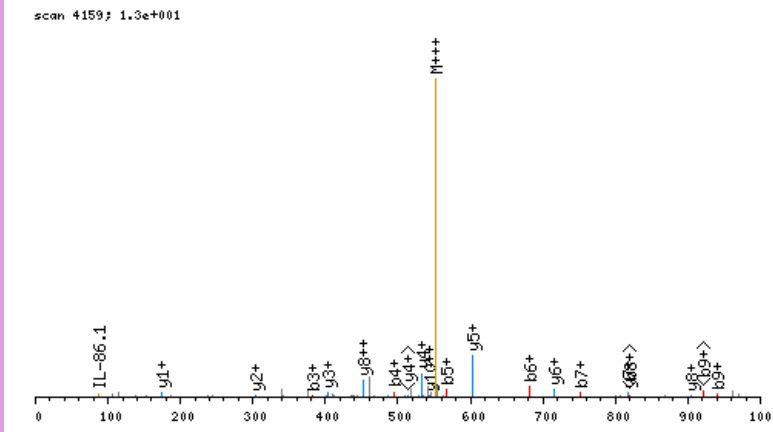
y + 2+ 3+

z + 2+ 3+

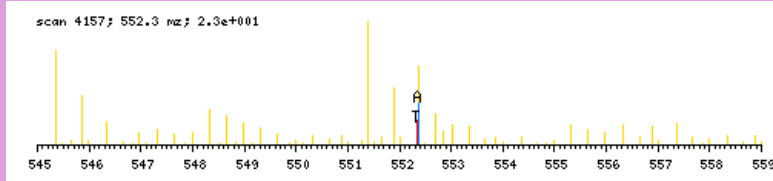
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
197.2290	1	K 15		
311.2719	2	N 14	1458.7552	729.8815
382.3090	3	A 13	1344.7123	672.8601
495.3931	4	I 12	1273.6752	637.3415
566.4302	5	A 11	1160.5911	580.7995
680.4731	6	N 10	1089.5540	545.2809
751.5103	7	A 9	975.5111	488.2595
838.5423	8	S 8	904.4740	452.7409
939.5900	9	T 7	817.4420	409.2249
1052.6740	10	L 6	716.3943	358.7011
1123.7111	11	A 5	603.3102	302.1590
1252.7537	12	E 4	532.2731	266.6405
1351.8222	13	V 3	403.2305	202.1192
1480.8647	14	E 2	304.1621	152.5850
	15	R 1	175.1195	88.0637

N-term:+35.07 K(1):+162.16

KNDPSSLPEPACVKISALEGYR, MH+ 2446.3864, m/z 612.3521
 H OS G27 P150811 220811-s1.06375.06375.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

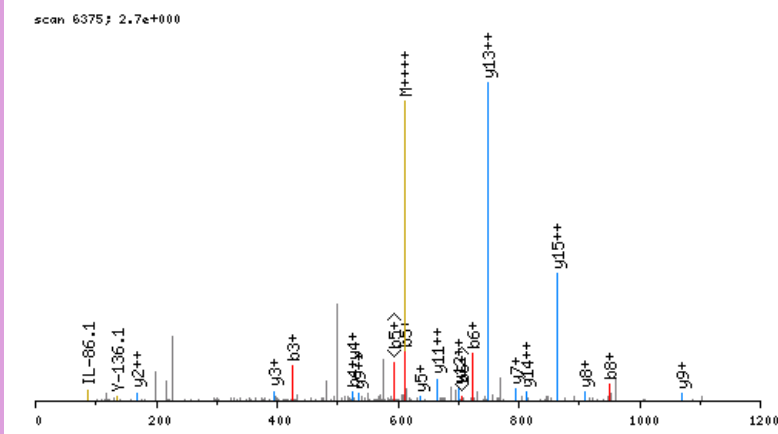
y + 2+ 3+

z + 2+ 3+

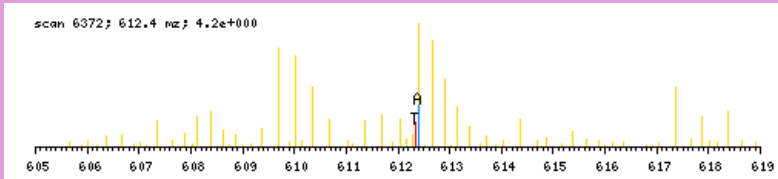
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



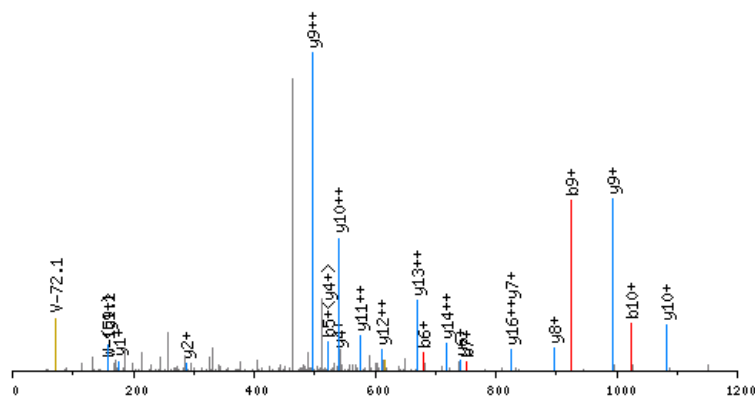
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
197.2290	1	K 21		
311.2719	2	N 20	2250.1652	1125.5865
426.2989	3	D 19	2136.1223	1068.5651
523.3516	4	P 18	2021.0954	1011.0516
610.3837	5	S 17	1924.0426	962.5252
723.4677	6	L 16	1837.0106	919.0092
820.5205	7	P 15	1723.9265	862.4672
949.5631	8	E 14	1626.8737	813.9408
1046.6158	9	P 13	1497.8311	749.4195
1117.6530	10	A 12	1400.7784	700.8931
1277.6836	11	C 11	1329.7413	665.3745
1376.7520	12	V 10	1169.7107	585.3592
1538.9101	13	K 9	1070.6423	535.8250
1651.9941	14	I 8	908.4842	454.7460
1739.0262	15	S 7	795.4001	398.2040
1810.0633	16	A 6	708.3681	354.6879
1923.1473	17	L 5	637.3310	319.1694
2052.1899	18	E 4	524.2469	262.6274
2109.2114	19	G 3	395.2043	198.1061
2272.2747	20	Y 2	338.1828	169.5953
	21	R 1	175.1195	88.0637

N-term:+35.07 K(1):+162.16
 C(11):+160.03 K(13):+162.16

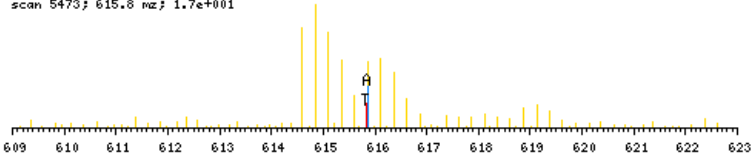
KPPAACAGDVVDAASPASTVNHRLR, MH+ 2460.2669, m/z 615.8222
 L OS G28 P150811 220811-s1.05475.05475.4.dta

scan 5475; 2.1e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5473; 615.8 mz; 1.7e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
185.1654	1	K 24		
282.2182	2	P 23	2276.1093	1138.5586
379.2709	3	P 22	2179.0565	1090.0322
450.3080	4	A 21	2082.0038	1041.5058
521.3452	5	A 20	2010.9667	1005.9872
681.3758	6	C 19	1939.9296	970.4687
752.4129	7	A 18	1779.8990	890.4534
809.4343	8	G 17	1708.8618	854.9348
924.4613	9	D 16	1651.8404	826.4241
1023.5297	10	V 15	1536.8134	768.9106
1122.5981	11	V 14	1437.7450	719.3764
1237.6250	12	D 13	1338.6766	669.8422
1308.6622	13	A 12	1223.6497	612.3287
1379.6993	14	A 11	1152.6125	576.8102
1466.7313	15	S 10	1081.5754	541.2916
1563.7841	16	P 9	994.5434	497.7756
1634.8212	17	A 8	897.4906	449.2492
1721.8532	18	S 7	826.4535	413.7307
1822.9009	19	T 6	739.4215	370.2147
1921.9693	20	V 5	638.3738	319.6908
2036.0122	21	N 4	539.3054	270.1566
2173.0711	22	H 3	425.2625	213.1352
2286.1552	23	L 2	288.2036	144.6057
	24	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13
 C(6):+160.03

KPVDQYEDCYLAR, MH+ 1712.8317, m/z 571.6154
 L OS G27 P150811 220811-s1.03996.03996.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

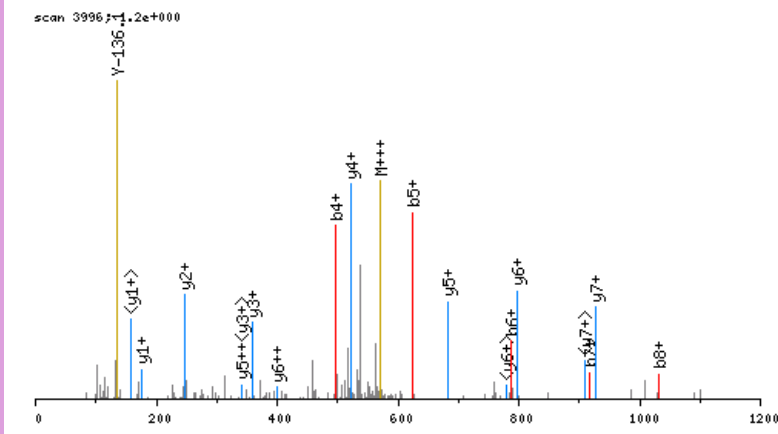
y + 2+ 3+

z + 2+ 3+

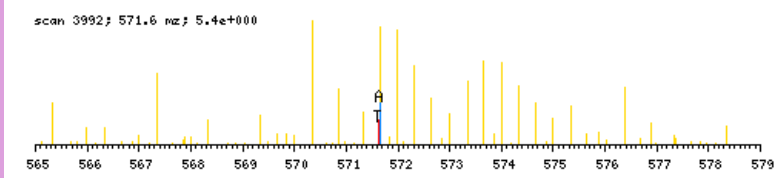
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
185.1654	1	K	13		
282.2182	2	P	12	1528.6742	764.8410
381.2866	3	V	11	1431.6214	716.3146
496.3135	4	D	10	1332.5530	666.7804
624.3721	5	Q	9	1217.5260	609.2669
787.4354	6	Y	8	1089.4675	545.2376
916.4780	7	E	7	926.4041	463.7060
1031.5050	8	D	6	797.3616	399.1847
1191.5356	9	C	5	682.3346	341.6712
1354.5989	10	Y	4	522.3040	261.6559
1467.6830	11	L	3	359.2407	180.1243
1538.7201	12	A	2	246.1566	123.5822
	13	R	1	175.1195	88.0637

N-term:+29.04 K(1):+156.13
 C(9):+160.03

KPVSPLLLASGMAR, MH+ 1507.9670, m/z 503.3272
 H OS G27 P150811 220811-s1.06036.06036.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

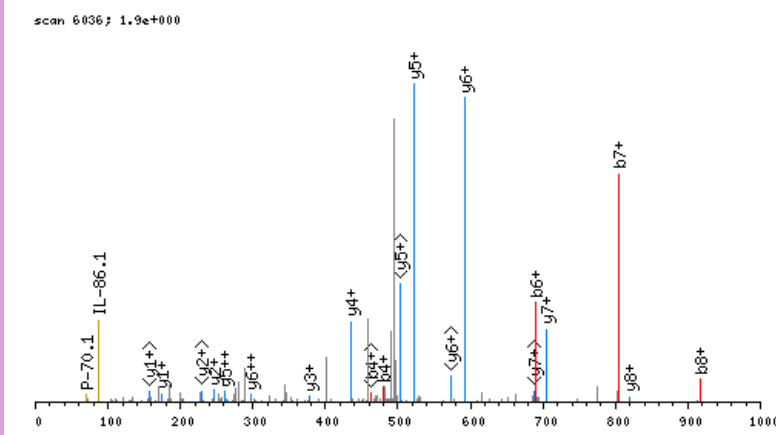
y + 2+ 3+

z + 2+ 3+

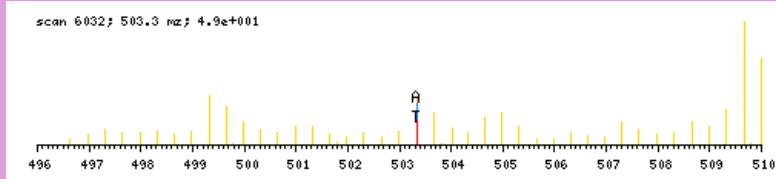
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
197.2290	1	K 14		
294.2818	2	P 13	1311.7459	656.3768
393.3502	3	V 12	1214.6931	607.8505
480.3822	4	S 11	1115.6247	558.3163
577.4350	5	P 10	1028.5927	514.8002
690.5190	6	L 9	931.5399	466.2739
803.6031	7	L 8	818.4558	409.7318
916.6872	8	L 7	705.3718	353.1898
987.7243	9	A 6	592.2877	296.6478
1074.7563	10	S 5	521.2506	261.1292
1131.7778	11	G 4	434.2186	217.6132
1262.8183	12	M 3	377.1971	189.1025
1333.8554	13	A 2	246.1566	123.5822
	14	R 1	175.1195	88.0637

N-term:+35.07 K(1):+162.16

KQEYDEAGPSIVHR, MH+ 1684.8659, m/z 421.9719
 L OS G28 P150811 220811-s1.02897.02897.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

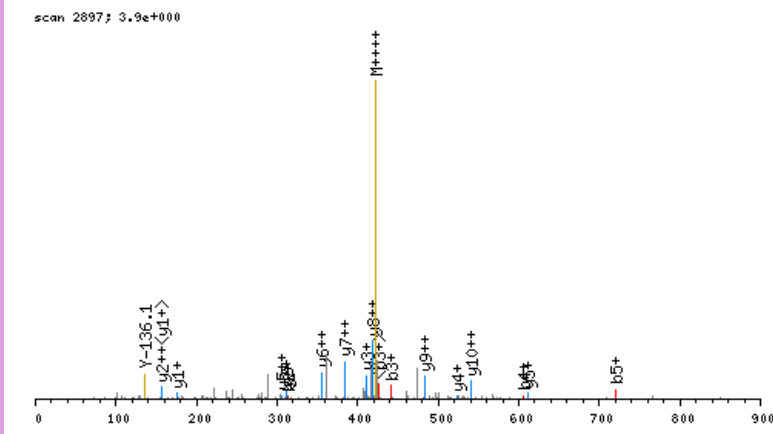
y + 2+ 3+

z + 2+ 3+

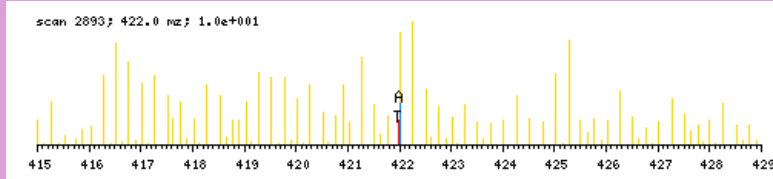
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1654	1	K 14		
313.2240	2	Q 13	1500.7083	750.8581
442.2666	3	E 12	1372.6497	686.8288
605.3299	4	Y 11	1243.6071	622.3075
720.3568	5	D 10	1080.5438	540.7758
849.3994	6	E 9	965.5169	483.2623
920.4365	7	A 8	836.4743	418.7410
977.4580	8	G 7	765.4371	383.2225
1074.5108	9	P 6	708.4157	354.7118
1161.5428	10	S 5	611.3629	306.1854
1274.6269	11	I 4	524.3309	262.6694
1373.6953	12	V 3	411.2468	206.1273
1510.7542	13	H 2	312.1784	156.5931
	14	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13

KQFLEELLTQCDR, MH+ 1836.9529, m/z 612.9892
 L OS G27 P150811 220811-s1.06726.06726.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

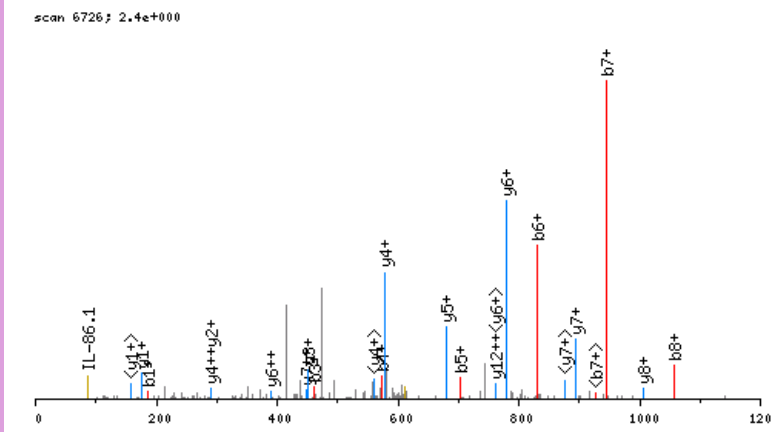
y + 2+ 3+

z + 2+ 3+

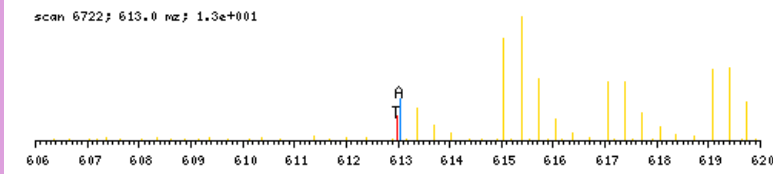
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1654	1	K 14		
313.2240	2	Q 13	1652.7953	826.9016
460.2924	3	F 12	1524.7368	762.8723
573.3765	4	L 11	1377.6684	689.3381
702.4190	5	E 10	1264.5843	632.7961
831.4616	6	E 9	1135.5417	568.2748
944.5457	7	L 8	1006.4991	503.7535
1057.6298	8	L 7	893.4150	447.2114
1158.6774	9	T 6	780.3310	390.6694
1259.7251	10	T 5	679.2833	340.1456
1387.7837	11	Q 4	578.2356	289.6217
1547.8143	12	C 3	450.1770	225.5924
1662.8412	13	D 2	290.1464	145.5771
	14	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13
 C(12):+160.03

KQLEDMNAYCGER, MH+ 1681.8314, m/z 561.2820
 H OS G27 P150811 220811-s1.03168.03168.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

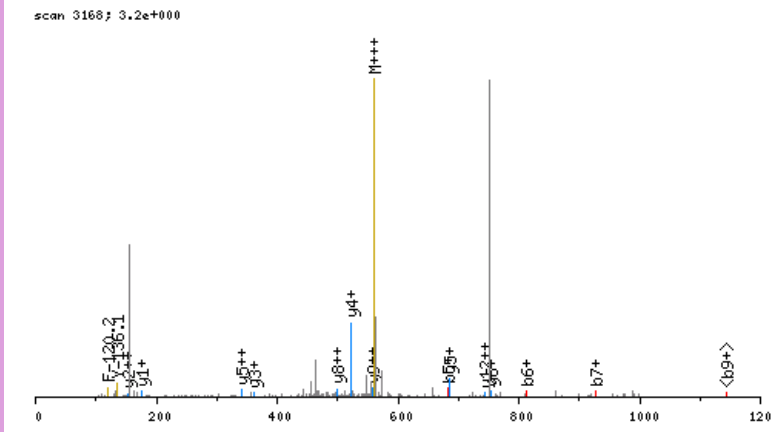
y + 2+ 3+

z + 2+ 3+

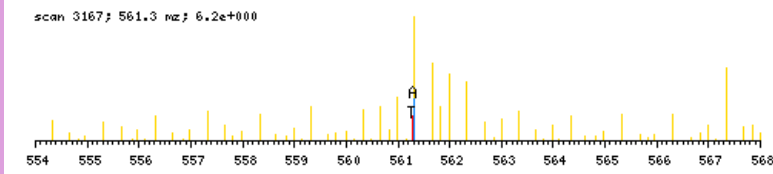
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
197.2290	1	K	13	
325.2876	2	Q	12	1485.6102
438.3716	3	L	11	1357.5516
567.4142	4	E	10	1244.4675
682.4412	5	D	9	1115.4250
813.4817	6	M	8	1000.3980
927.5246	7	N	7	869.3575
998.5617	8	A	6	755.3146
1161.6250	9	Y	5	684.2775
1321.6556	10	C	4	521.2142
1378.6771	11	G	3	361.1836
1507.7197	12	E	2	304.1621
	13	R	1	175.1195

N-term:+35.07 K(1):+162.16
 C(10):+160.03

KTDPGIILKTENR, MH+ 1568.9376, m/z 392.9899
 L OS G28 P150811 220811-s1.03360.03360.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

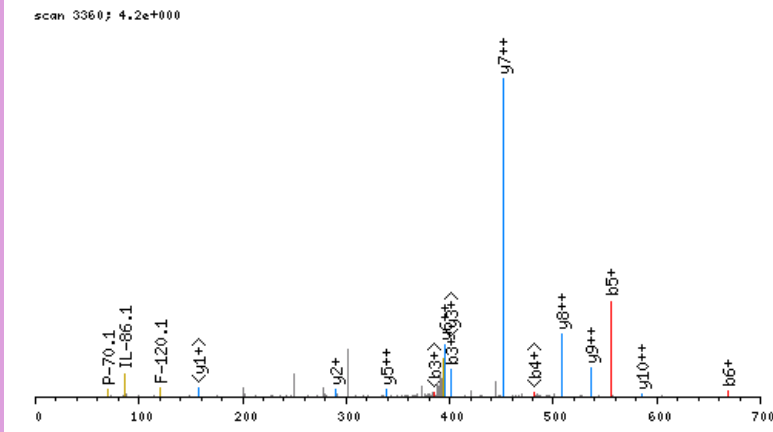
y + 2+ 3+

z + 2+ 3+

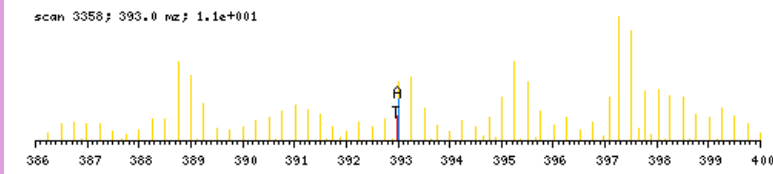
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1654	1	K 13		
286.2131	2	T 12	1384.7800	692.8939
401.2400	3	D 11	1283.7324	642.3701
498.2928	4	P 10	1168.7054	584.8566
555.3142	5	G 9	1071.6527	536.3302
668.3983	6	I 8	1014.6312	507.8195
781.4824	7	I 7	901.5471	451.2775
894.5664	8	L 6	788.4631	394.7354
1050.6927	9	K 5	675.3790	338.1934
1151.7404	10	T 4	519.2527	260.1303
1280.7830	11	E 3	418.2050	209.6064
1394.8259	12	N 2	289.1624	145.0851
	13	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13
 K(9):+156.13

KTGTAEMSSILEER, MH+ 1619.8951, m/z 540.6365
 H OS G27 P150811 220811-s1.04688.04688.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

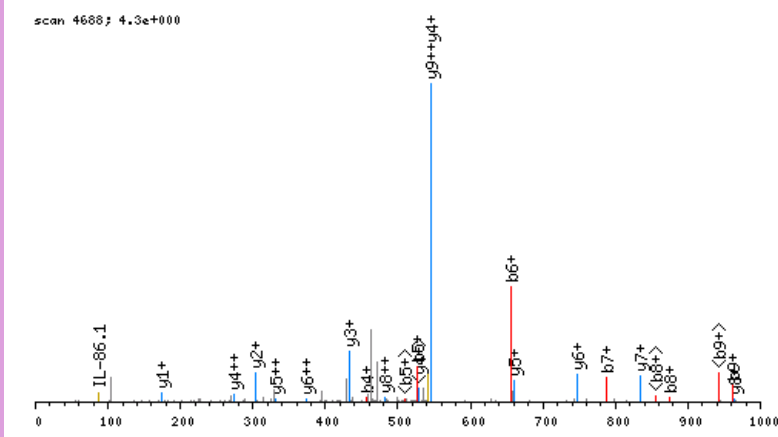
y + 2+ 3+

z + 2+ 3+

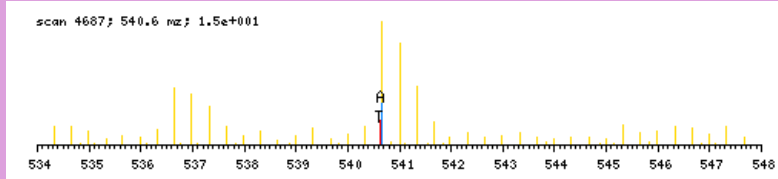
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
197.2290	1	K 14		
298.2767	2	T 13	1423.6739	712.3409
355.2981	3	G 12	1322.6262	661.8170
456.3458	4	T 11	1265.6047	633.3063
527.3829	5	A 10	1164.5571	582.7824
656.4255	6	E 9	1093.5199	547.2639
787.4660	7	M 8	964.4774	482.7426
874.4980	8	S 7	833.4369	417.2223
961.5301	9	S 6	746.4048	373.7063
1074.6141	10	I 5	659.3728	330.1903
1187.6982	11	L 4	546.2888	273.6483
1316.7408	12	E 3	433.2047	217.1063
1445.7834	13	E 2	304.1621	152.5850
	14	R 1	175.1195	88.0637

N-term:+35.07 K(1):+162.16

KTPAQFDADELK, MH+ 1446.7593, m/z 482.9246
 L OS G27 P150811 220811-s1.03885.03885.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

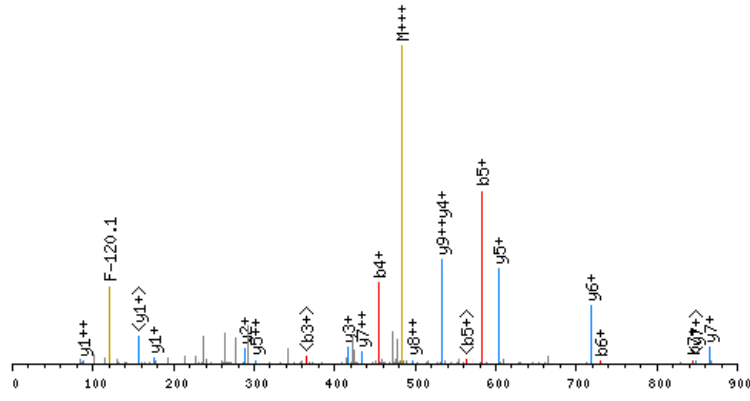
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

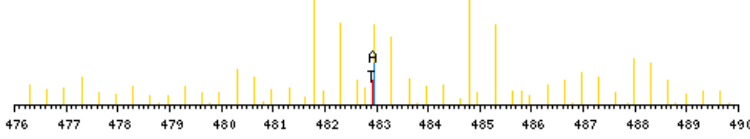
GO

scan 3885; 2.9e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 3882; 482.9 m/z; 1.6e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1654	1	K 12		
286.2131	2	T 11	1262.6017	631.8048
383.2658	3	P 10	1161.5540	581.2809
454.3030	4	A 9	1064.5013	532.7545
582.3615	5	Q 8	993.4641	497.2360
729.4299	6	F 7	865.4056	433.2067
844.4569	7	D 6	718.3372	359.6725
915.4940	8	A 5	603.3102	302.1590
1030.5209	9	D 4	532.2731	266.6405
1159.5635	10	E 3	417.2462	209.1270
1272.6476	11	L 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13

KTQSKPEDEADWAR, MH+ 1892.0250, m/z 473.7617
 H OS G28 P150811 220811-s1.02812.02812.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

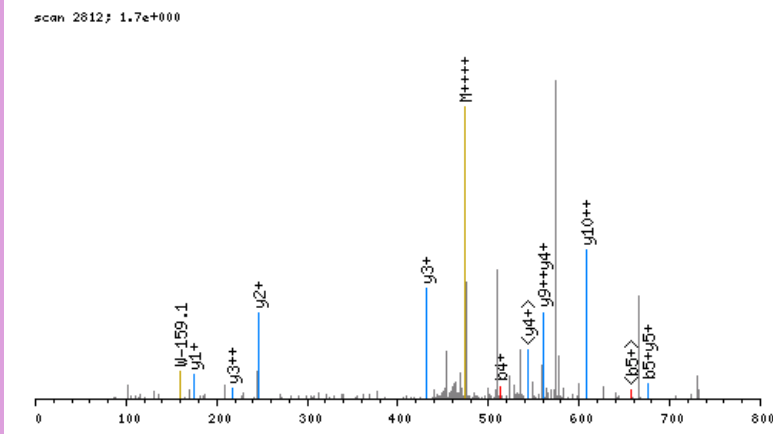
y + 2+ 3+

z + 2+ 3+

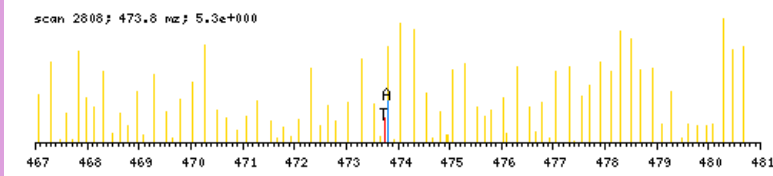
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
197.2290	1	K	15		
298.2767	2	T	14	1695.8039	848.4058
426.3353	3	Q	13	1594.7562	797.8820
513.3673	4	S	12	1466.6976	733.8527
675.5254	5	K	11	1379.6656	690.3367
772.5781	6	P	10	1217.5075	609.2576
901.6207	7	E	9	1120.4547	560.7313
1016.6477	8	D	8	991.4121	496.2100
1145.6903	9	E	7	876.3852	438.6965
1216.7274	10	A	6	747.3426	374.1752
1331.7543	11	D	5	676.3055	338.6566
1460.7969	12	E	4	561.2785	281.1432
1646.8762	13	W	3	432.2359	216.6219
1717.9134	14	A	2	246.1566	123.5822
	15	R	1	175.1195	88.0637

N-term:+35.07 K(1):+162.16
 K(5):+162.16

KIVVEAENIVVTIGVVR, MH+ 1912.1391, m/z 638.0512
 H OS G26 P150811 220811-s1.04468.04468.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

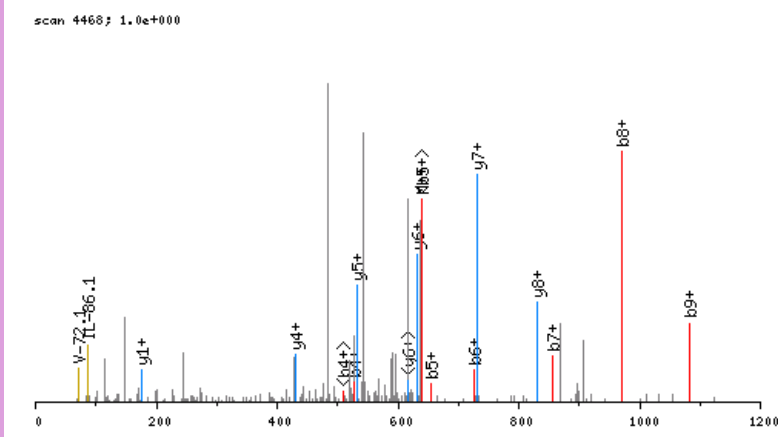
y + 2+ 3+

z + 2+ 3+

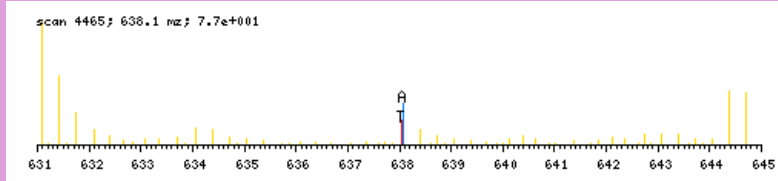
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
197.2290	1	K 17		
298.2767	2	T 16	1715.9180	858.4629
397.3451	3	V 15	1614.8703	807.9391
526.3877	4	E 14	1515.8019	758.4048
655.4303	5	E 13	1386.7593	693.8835
726.4674	6	A 12	1257.7167	629.3623
855.5100	7	E 11	1186.6796	593.8437
969.5529	8	N 10	1057.6370	529.3224
1082.6370	9	I 9	943.5940	472.3009
1181.7054	10	V 8	830.5100	415.7589
1280.7738	11	V 7	731.4416	366.2247
1381.8215	12	T 6	632.3731	316.6905
1482.8692	13	T 5	531.3255	266.1666
1539.8906	14	G 4	430.2778	215.6428
1638.9590	15	V 3	373.2563	187.1321
1738.0275	16	V 2	274.1879	137.5979
	17	R 1	175.1195	88.0637

N-term:+35.07 K(1):+162.16

KVDVVGATQQAGSCSR, MH+ 1775.9074, m/z 592.6406
 L OS G27 P150811 220811-s1.02569.02569.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

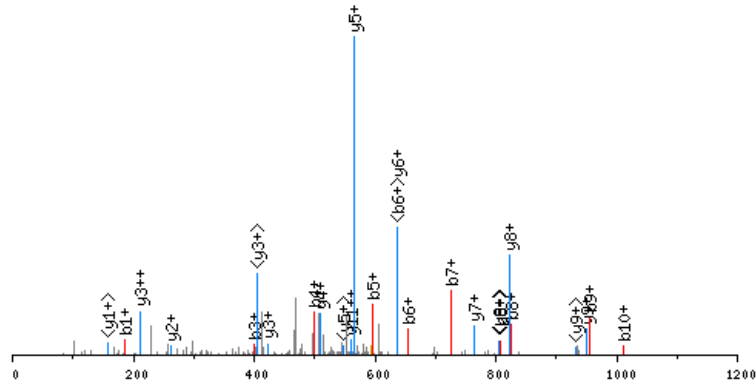
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

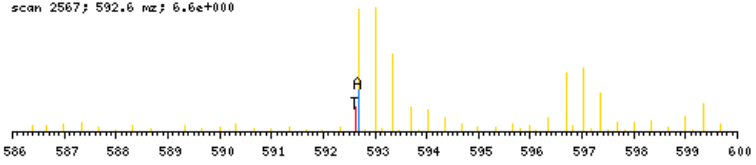
GO

scan 2569; 2.4e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2567; 592.6 m/z; 6.6e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
185.1654	1	K	17		
284.2338	2	V	16	1591.7498	796.3788
399.2608	3	D	15	1492.6814	746.8446
498.3292	4	V	14	1377.6544	689.3311
597.3976	5	V	13	1278.5860	639.7969
654.4190	6	G	12	1179.5176	590.2627
725.4562	7	A	11	1122.4961	561.7520
826.5038	8	T	10	1051.4590	526.2334
954.5624	9	Q	9	950.4114	475.7096
1011.5839	10	G	8	822.3528	411.6803
1139.6425	11	Q	7	765.3313	383.1696
1210.6796	12	A	6	637.2727	319.1403
1267.7010	13	G	5	566.2356	283.6217
1354.7331	14	S	4	509.2142	255.1110
1514.7637	15	C	3	422.1821	211.5950
1601.7957	16	S	2	262.1515	131.5797
	17	R	1	175.1195	88.0637

N-term:+29.04 K(1):+156.13
 C(15):+160.03

KVEDNFEDIITKPPVR, MH+ 1984.1120, m/z 496.7834
 L OS G28 P150811 220811-s1.06959.06959.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

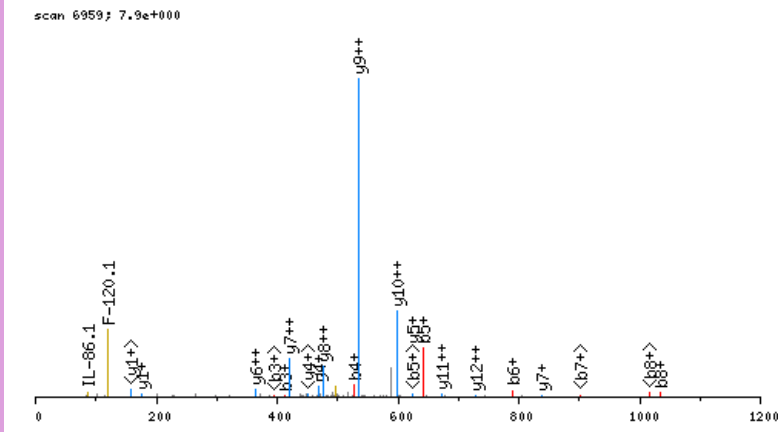
y + 2+ 3+

z + 2+ 3+

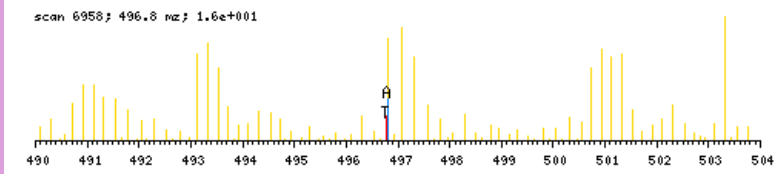
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1654	1	K 16		
284.2338	2	V 15	1799.9544	900.4811
413.2764	3	E 14	1700.8860	850.9469
528.3034	4	D 13	1571.8434	786.4256
642.3463	5	N 12	1456.8164	728.9121
789.4147	6	F 11	1342.7735	671.8907
918.4573	7	E 10	1195.7051	598.3565
1033.4842	8	D 9	1066.6625	533.8352
1146.5683	9	I 8	951.6355	476.3217
1259.6524	10	I 7	838.5515	419.7797
1360.7000	11	T 6	725.4674	363.2376
1516.8263	12	K 5	624.4197	312.7138
1613.8791	13	P 4	468.2934	234.6506
1710.9319	14	P 3	371.2407	186.1243
1810.0003	15	V 2	274.1879	137.5979
	16	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13
 K(12):+156.13

KVGINYQPPTVPPGGDLAKVQR, MH+ 2420.4030, m/z 605.8562
 L OS G27 P150811 220811-s1.05796.05796.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

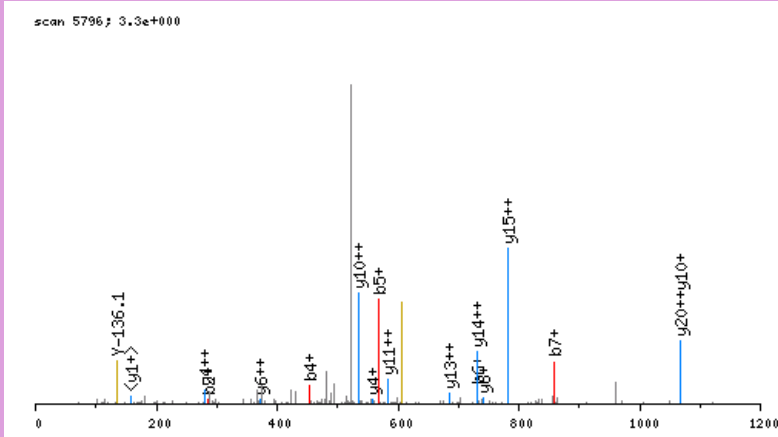
y + 2+ 3+

z + 2+ 3+

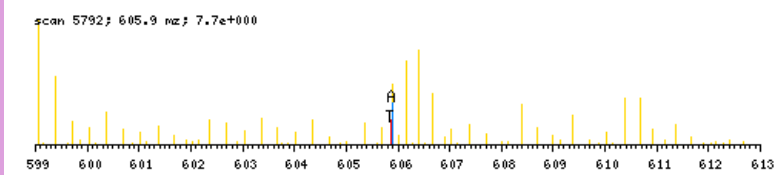
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1654	1	K 22		
284.2338	2	V 21	2236.2454	1118.6266
341.2553	3	G 20	2137.1770	1069.0924
454.3393	4	I 19	2080.1555	1040.5817
568.3823	5	N 18	1967.0715	984.0396
731.4456	6	Y 17	1853.0285	927.0182
859.5042	7	Q 16	1689.9652	845.4865
956.5569	8	P 15	1561.9066	781.4572
1053.6097	9	P 14	1464.8539	732.9308
1154.6574	10	T 13	1367.8011	684.4045
1253.7258	11	V 12	1266.7534	633.8806
1352.7942	12	V 11	1167.6850	584.3464
1449.8470	13	P 10	1068.6166	534.8122
1506.8684	14	G 9	971.5638	486.2858
1563.8899	15	G 8	914.5424	457.7751
1678.9168	16	D 7	857.5209	429.2644
1792.0009	17	L 6	742.4940	371.7509
1863.0380	18	A 5	629.4099	315.2089
2019.1643	19	K 4	558.3728	279.6903
2118.2327	20	V 3	402.2465	201.6272
2246.2913	21	Q 2	303.1781	152.0930
	22	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13
 K(19):+156.13

KVIDPATATSVDLR, MH+ 1541.8903, m/z 514.6349
 L OS G26 P150811 220811-s1.03777.03777.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

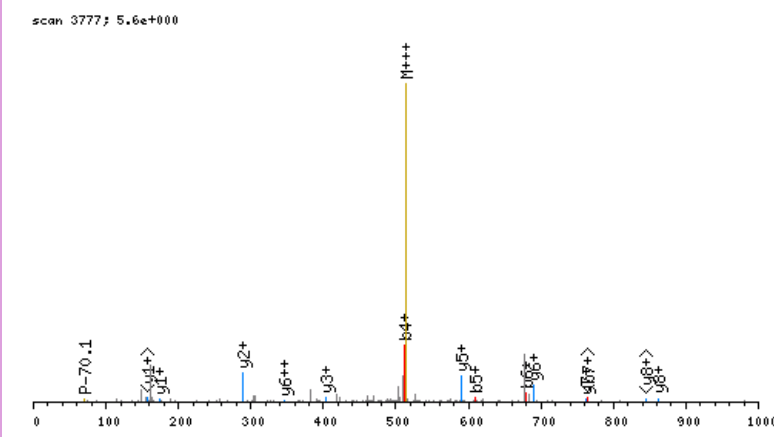
y + 2+ 3+

z + 2+ 3+

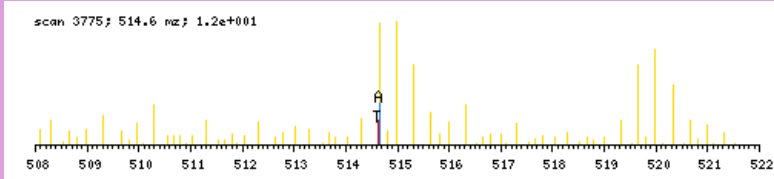
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1654	1	K 14		
284.2338	2	V 13	1357.7327	679.3703
397.3179	3	I 12	1258.6643	629.8361
512.3448	4	D 11	1145.5802	573.2940
609.3976	5	P 10	1030.5533	515.7806
680.4347	6	A 9	933.5005	467.2542
781.4824	7	T 8	862.4634	431.7356
852.5195	8	A 7	761.4157	381.2118
953.5672	9	T 6	690.3786	345.6932
1040.5992	10	S 5	589.3310	295.1694
1139.6676	11	V 4	502.2989	251.6534
1254.6946	12	D 3	403.2305	202.1192
1367.7786	13	L 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13

KVTQLDLLDGPKELSR, MH+ 1783.0330, m/z 446.5137
 L OS G28 P150811 220811-s1.04824.04824.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

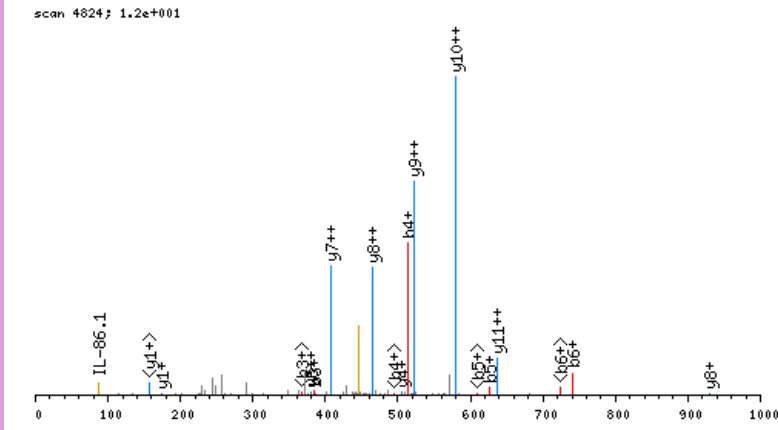
y + 2+ 3+

z + 2+ 3+

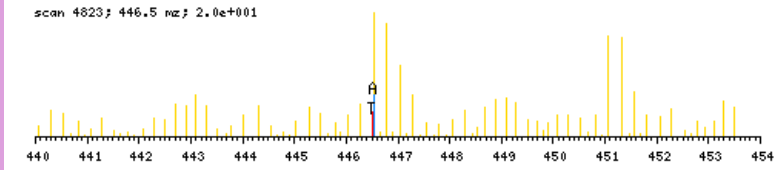
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
185.1654	1	K	15		
284.2338	2	V	14	1598.8754	799.9416
385.2815	3	T	13	1499.8070	750.4074
513.3401	4	Q	12	1398.7593	699.8836
626.4241	5	L	11	1270.7007	635.8543
741.4511	6	D	10	1157.6167	579.3122
854.5351	7	L	9	1042.5897	521.7988
969.5621	8	D	8	929.5057	465.2567
1026.5835	9	G	7	814.4787	407.7433
1123.6363	10	P	6	757.4573	379.2325
1279.7626	11	K	5	660.4045	330.7062
1408.8052	12	E	4	504.2782	252.6430
1521.8893	13	L	3	375.2356	188.1217
1608.9213	14	S	2	262.1515	131.5797
	15	R	1	175.1195	88.0637

N-term:+29.04 K(1):+156.13
 K(11):+156.13

LASEPEIPKGIK, MH+ 1365.8106, m/z 455.9417
 L OS G26 P150811 220811-s1.03444.03444.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

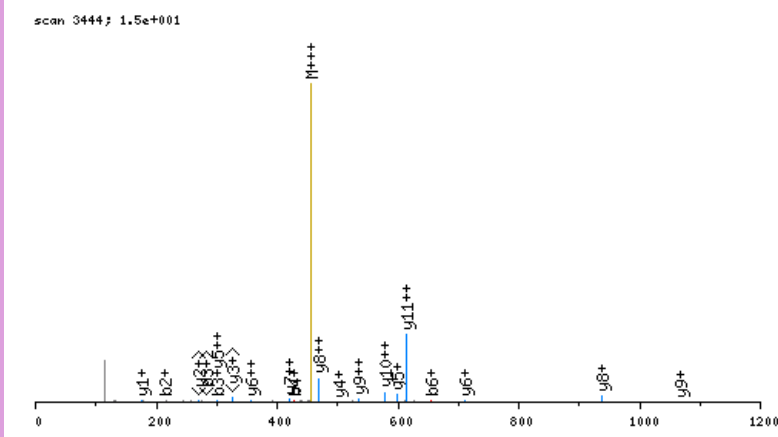
y + 2+ 3+

z + 2+ 3+

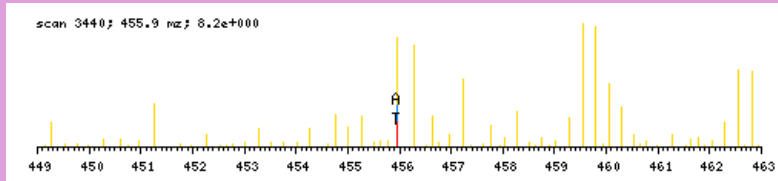
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 12		
213.1603	2	A 11	1224.6952	612.8515
300.1923	3	S 10	1153.6581	577.3330
429.2349	4	E 9	1066.6261	533.8170
526.2877	5	P 8	937.5835	469.2957
655.3303	6	E 7	840.5307	420.7693
768.4143	7	I 6	711.4882	356.2480
865.4671	8	P 5	598.4041	299.7060
1021.5934	9	K 4	501.3513	251.1796
1078.6148	10	G 3	345.2250	173.1164
1191.6989	11	I 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+29.04 K(9):+156.13

LCEQQAELDYLCGR, MH+ 1788.8472, m/z 596.9539
 H OS G24 P150811 220811-s1.03748.03748.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

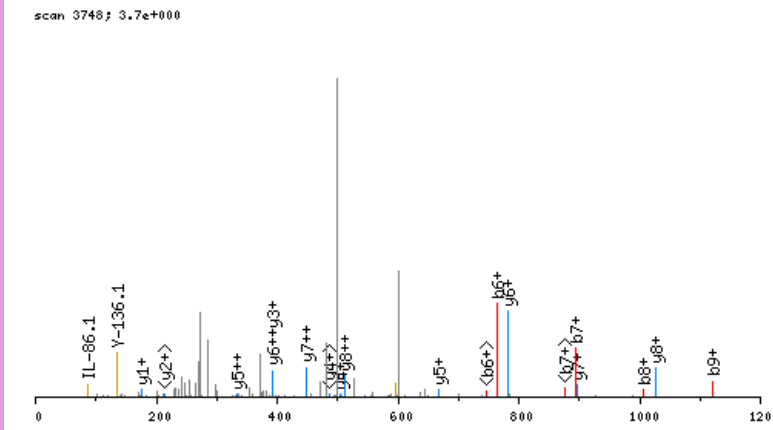
y + 2+ 3+

z + 2+ 3+

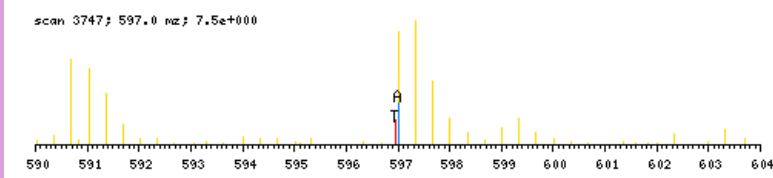
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
148.1550	1	L	14		
308.1856	2	C	13	1641.7000	821.3539
437.2282	3	E	12	1481.6694	741.3386
565.2867	4	Q	11	1352.6268	676.8173
693.3453	5	Q	10	1224.5682	612.7880
764.3824	6	A	9	1096.5097	548.7587
893.4250	7	E	8	1025.4726	513.2402
1006.5091	8	L	7	896.4300	448.7189
1121.5360	9	D	6	783.3459	392.1769
1284.5994	10	Y	5	668.3190	334.6634
1397.6834	11	L	4	505.2556	253.1317
1557.7140	12	C	3	392.1716	196.5897
1614.7355	13	G	2	232.1410	116.5744
	14	R	1	175.1195	88.0637

N-term:+35.07 C(2):+160.03
 C(12):+160.03

LCGEEQGADAALHFNPR, MH+ 1912.8975, m/z 638.3040
 L OS G27 P150811 220811-s1.05024.05024.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

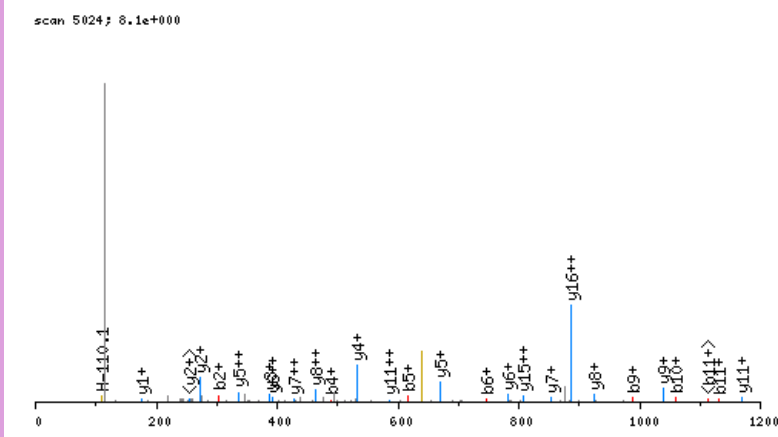
y + 2+ 3+

z + 2+ 3+

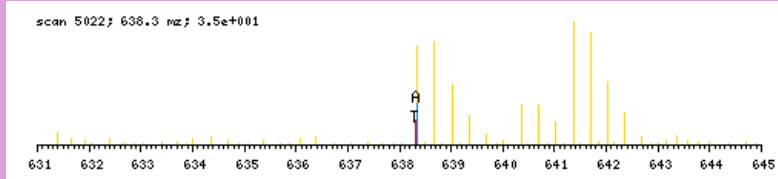
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 17		
302.1538	2	C 16	1771.7822	886.3950
359.1752	3	G 15	1611.7516	806.3797
488.2178	4	E 14	1554.7301	777.8690
617.2604	5	E 13	1425.6875	713.3477
745.3190	6	Q 12	1296.6449	648.8264
802.3405	7	G 11	1168.5863	584.7971
873.3776	8	A 10	1111.5649	556.2863
988.4045	9	D 9	1040.5278	520.7678
1059.4416	10	A 8	925.5008	463.2543
1130.4787	11	A 7	854.4637	427.7358
1243.5628	12	L 6	783.4266	392.2172
1380.6217	13	H 5	670.3425	335.6752
1527.6901	14	F 4	533.2836	267.1457
1641.7331	15	N 3	386.2152	193.6115
1738.7858	16	P 2	272.1723	136.5900
	17	R 1	175.1195	88.0637

N-term:+29.04 C(2):+160.03

LCSCPHPLVLGLDGR, MH+ 1727.9148, m/z 576.6431
 H OS G27 P150811 220811-s1.03603.03603.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

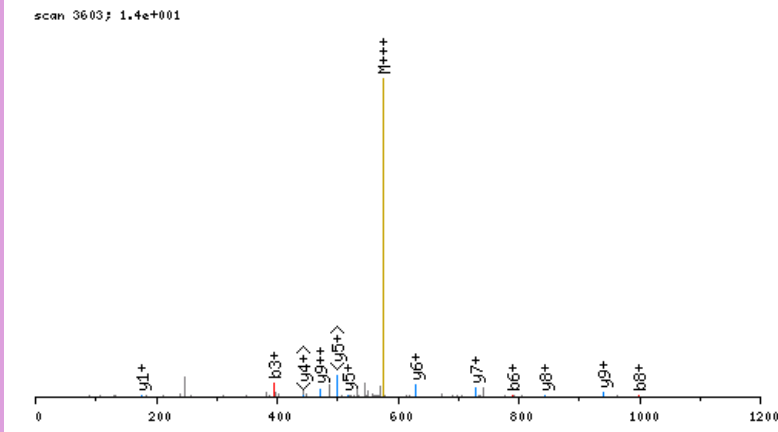
y + 2+ 3+

z + 2+ 3+

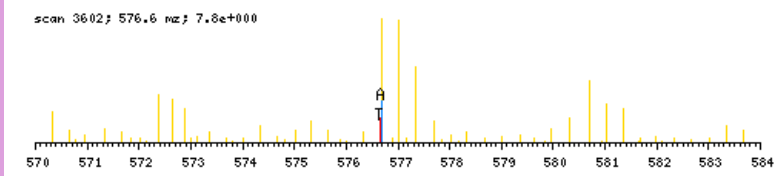
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
148.1550	1	L 15		
308.1856	2	C 14	1580.7676	790.8877
395.2176	3	S 13	1420.7370	710.8724
555.2482	4	C 12	1333.7050	667.3564
652.3010	5	P 11	1173.6744	587.3411
789.3599	6	H 10	1076.6217	538.8147
886.4126	7	P 9	939.5627	470.2853
999.4967	8	L 8	842.5100	421.7589
1098.5651	9	V 7	729.4259	365.2169
1211.6492	10	L 6	630.3575	315.6827
1268.6706	11	G 5	517.2734	259.1406
1381.7547	12	L 4	460.2520	230.6299
1496.7816	13	D 3	347.1679	174.0879
1553.8031	14	G 2	232.1410	116.5744
	15	R 1	175.1195	88.0637

N-term:+35.07 C(2):+160.03
 C(4):+160.03

LDAVDTYIPVPTTR, MH+ 1487.8109, m/z 496.6085
 L OS G24 P150811 220811-s1.04304.04304.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

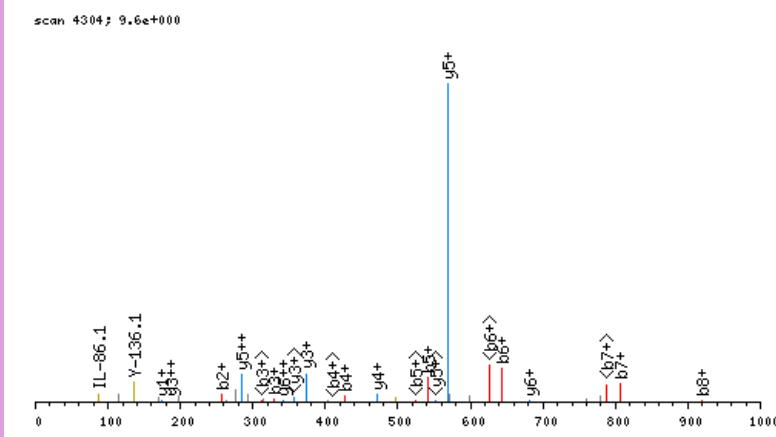
y + 2+ 3+

z + 2+ 3+

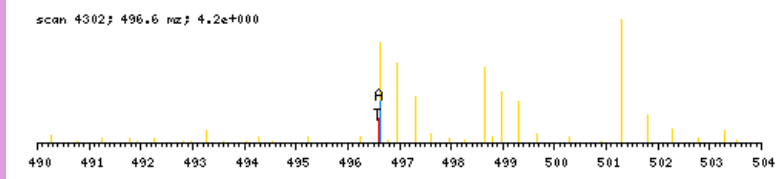
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



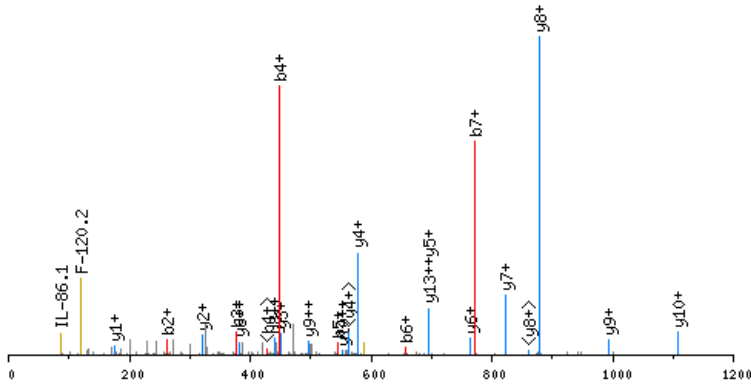
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 13		
257.1501	2	D 12	1346.6956	673.8517
328.1872	3	A 11	1231.6687	616.3382
427.2556	4	V 10	1160.6315	580.8197
542.2826	5	D 9	1061.5631	531.2855
643.3303	6	T 8	946.5362	473.7720
806.3936	7	Y 7	845.4885	423.2482
919.4776	8	I 6	682.4252	341.7165
1016.5304	9	P 5	569.3411	285.1745
1115.5988	10	V 4	472.2884	236.6481
1212.6516	11	P 3	373.2199	187.1139
1313.6993	12	T 2	276.1672	138.5875
	13	R 1	175.1195	88.0637

N-term:+29.04

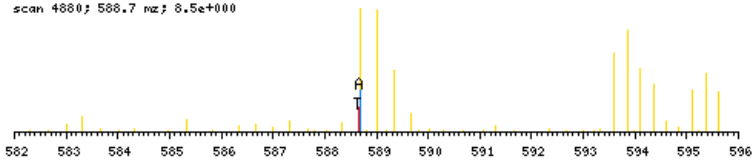
LDIAPLDIGGADQEFR, MH+ 1763.9392, m/z 588.6512
 H OS G24 P150811 220811-s1.04881.04881.3.dta

scan 4881; 2.9e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4880; 588.7 m/z; 8.5e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
148.1550	1	L 16		
263.1819	2	D 15	1616.7920	808.8999
376.2660	3	I 14	1501.7651	751.3865
447.3031	4	A 13	1388.6810	694.8444
544.3558	5	P 12	1317.6439	659.3259
657.4399	6	L 11	1220.5911	610.7995
772.4669	7	D 10	1107.5071	554.2575
885.5509	8	I 9	992.4801	496.7440
942.5724	9	G 8	879.3961	440.2019
999.5938	10	G 7	822.3746	411.6912
1070.6310	11	A 6	765.3531	383.1805
1185.6579	12	D 5	694.3160	347.6619
1313.7165	13	Q 4	579.2891	290.1485
1442.7591	14	E 3	451.2305	226.1192
1589.8275	15	F 2	322.1879	161.5979
	16	R 1	175.1195	88.0637

N-term:+35.07

LDLPCTPPPPAPIPSVR, MH+ 1855.0151, m/z 619.0099
 L OS G24 P150811 220811-s1.04465.04465.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

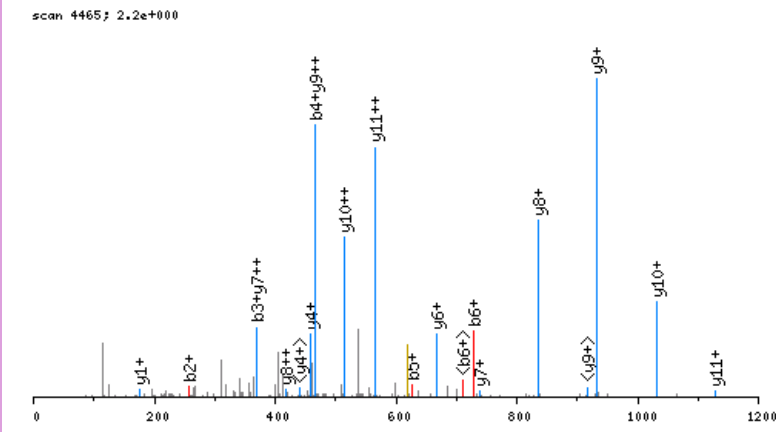
y + 2+ 3+

z + 2+ 3+

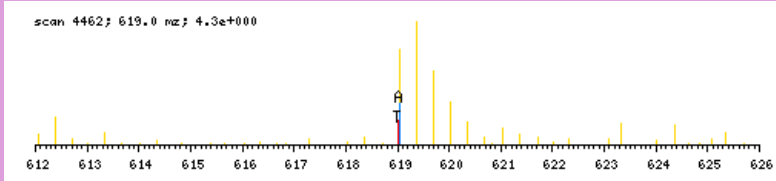
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



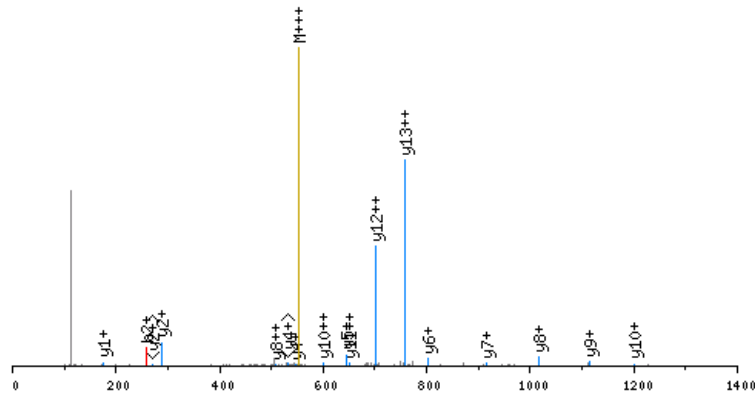
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 17		
257.1501	2	D 16	1713.8998	857.4538
370.2342	3	L 15	1598.8728	799.9403
467.2869	4	P 14	1485.7887	743.3983
627.3175	5	C 13	1388.7360	694.8719
728.3652	6	T 12	1228.7054	614.8566
825.4180	7	P 11	1127.6577	564.3328
922.4707	8	P 10	1030.6049	515.8064
1019.5235	9	P 9	933.5522	467.2800
1116.5763	10	P 8	836.4994	418.7536
1187.6134	11	A 7	739.4466	370.2272
1284.6661	12	P 6	668.4095	334.7087
1397.7502	13	I 5	571.3568	286.1823
1494.8030	14	P 4	458.2727	229.6403
1581.8350	15	S 3	361.2199	181.1139
1680.9034	16	V 2	274.1879	137.5979
	17	R 1	175.1195	88.0637

N-term:+29.04 C(5):+160.03

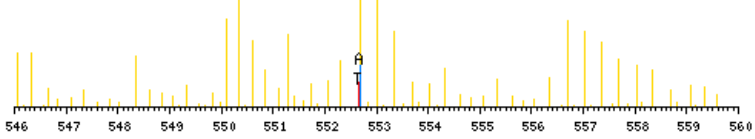
LDPTSVTLPMEIR, MH+ 1655.9406, m/z 552.6517
 L OS G26 P150811 220811-s1.05496.05496.3.dta

scan 5496; 5.9e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 5495; 552.7 m/z; 6.2e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 14		
257.1501	2	D 13	1514.8253	757.9166
354.2029	3	P 12	1399.7983	700.4031
455.2505	4	T 11	1302.7456	651.8767
542.2826	5	S 10	1201.6979	601.3529
641.3510	6	V 9	1114.6659	557.8368
742.3987	7	T 8	1015.5974	508.3026
855.4827	8	L 7	914.5498	457.7788
1011.6090	9	K 6	801.4657	401.2368
1108.6618	10	P 5	645.3394	323.1736
1239.7023	11	M 4	548.2866	274.6472
1368.7449	12	E 3	417.2462	209.1270
1481.8289	13	I 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+29.04 K(9):+156.13

LDSLTTIPELKDHLR, MH+ 1819.0965, m/z 455.5296
 H OS G28 P150811 220811-s1.07419.07419.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

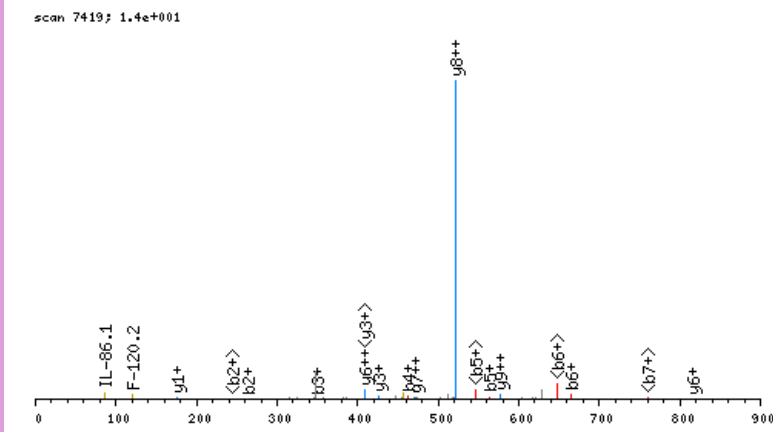
y + 2+ 3+

z + 2+ 3+

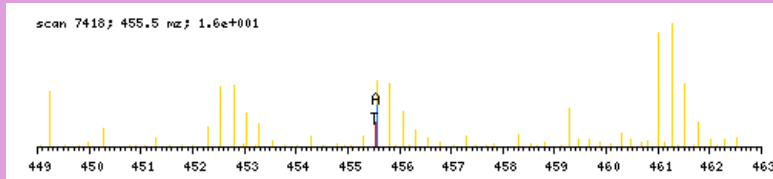
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
148.1550	1	L 15		
263.1819	2	D 14	1671.9494	836.4786
350.2139	3	S 13	1556.9225	778.9651
463.2980	4	L 12	1469.8904	735.4491
564.3457	5	T 11	1356.8064	678.9071
665.3934	6	T 10	1255.7587	628.3833
778.4774	7	I 9	1154.7110	577.8594
875.5302	8	P 8	1041.6269	521.3174
1004.5728	9	E 7	944.5742	472.7910
1117.6568	10	L 6	815.5316	408.2697
1279.8149	11	K 5	702.4475	351.7277
1394.8419	12	D 4	540.2894	270.6486
1531.9008	13	H 3	425.2625	213.1352
1644.9849	14	L 2	288.2036	144.6057
	15	R 1	175.1195	88.0637

N-term:+35.07 K(11):+162.16

LDSVGIEADDDR, MH+ 1332.6283, m/z 666.8178
 L OS G25 P150811 220811-s1.03884.03884.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

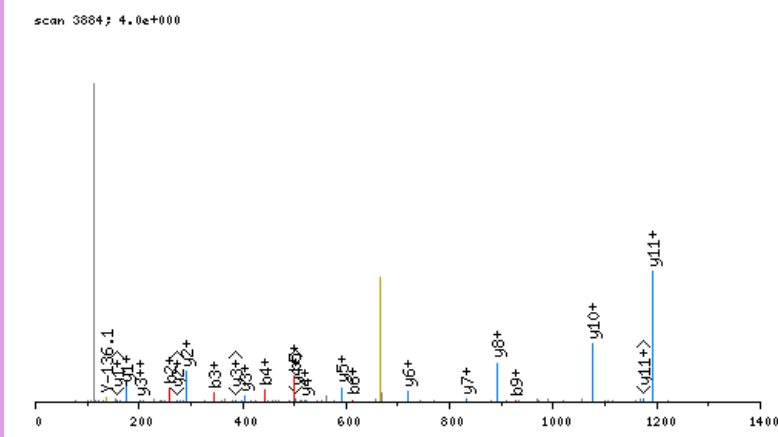
y + 2+ 3+

z + 2+ 3+

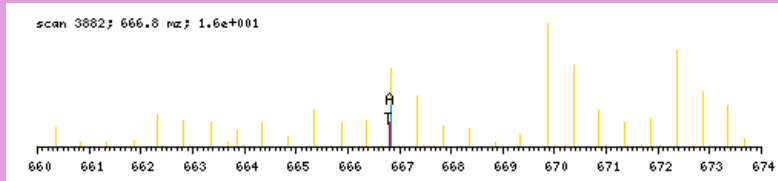
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 12		
257.1501	2	D 11	1191.5130	596.2604
344.1821	3	S 10	1076.4860	538.7469
443.2505	4	V 9	989.4540	495.2309
500.2720	5	G 8	890.3856	445.6967
613.3561	6	I 7	833.3641	417.1860
742.3987	7	E 6	720.2800	360.6439
813.4358	8	A 5	591.2374	296.1226
928.4627	9	D 4	520.2003	260.6041
1043.4897	10	D 3	405.1734	203.0906
1158.5166	11	D 2	290.1464	145.5771
	12	R 1	175.1195	88.0637

N-term:+29.04

LDVNDNAPIPEPR, MH+ 1477.7651, m/z 493.2599
 L OS G25 P150811 220811-s1.05203.05203.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

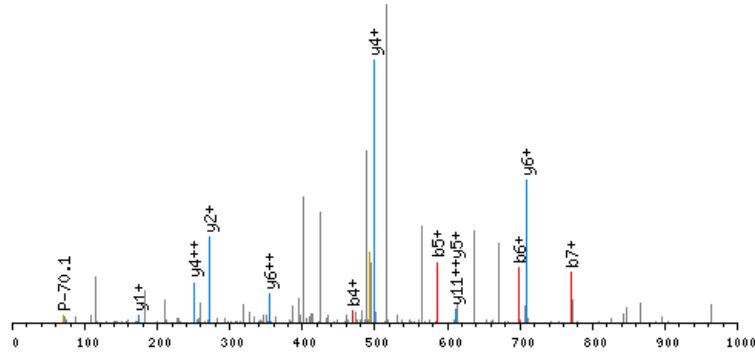
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

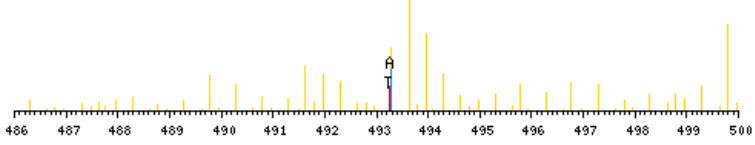
GO

scan 5203; 3.3e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5202; 493.3 m/z; 3.5e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 13		
257.1501	2	D 12	1336.6497	668.8288
356.2185	3	V 11	1221.6228	611.3153
470.2614	4	N 10	1122.5544	561.7811
585.2884	5	D 9	1008.5114	504.7596
699.3313	6	N 8	893.4845	447.2462
770.3684	7	A 7	779.4416	390.2247
867.4212	8	P 6	708.4044	354.7061
980.5053	9	I 5	611.3517	306.1798
1077.5580	10	P 4	498.2676	249.6377
1206.6006	11	E 3	401.2149	201.1113
1303.6534	12	P 2	272.1723	136.5900
	13	R 1	175.1195	88.0637

N-term:+29.04

LDWLVEGEATTR, MH+ 1551.8231, m/z 517.9459
 H OS G25 P150811 220811-s1.06971.06971.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

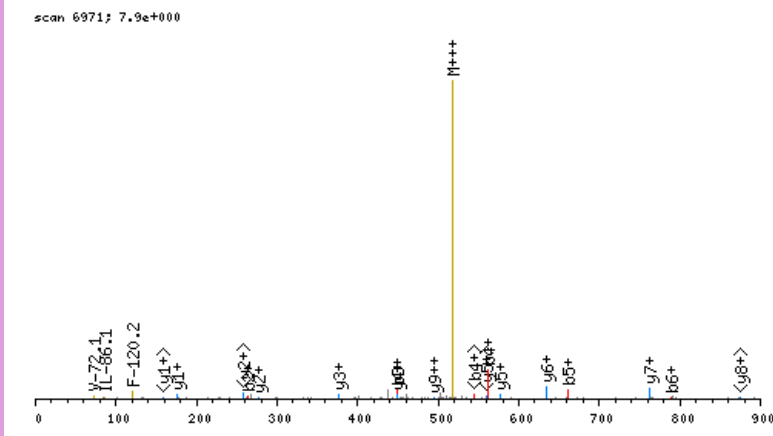
y + 2+ 3+

z + 2+ 3+

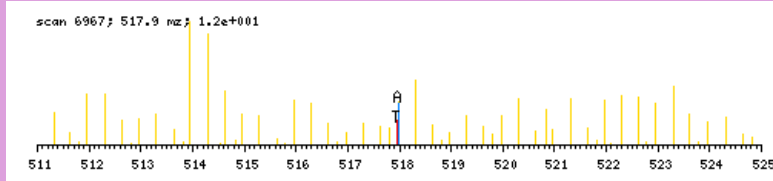
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



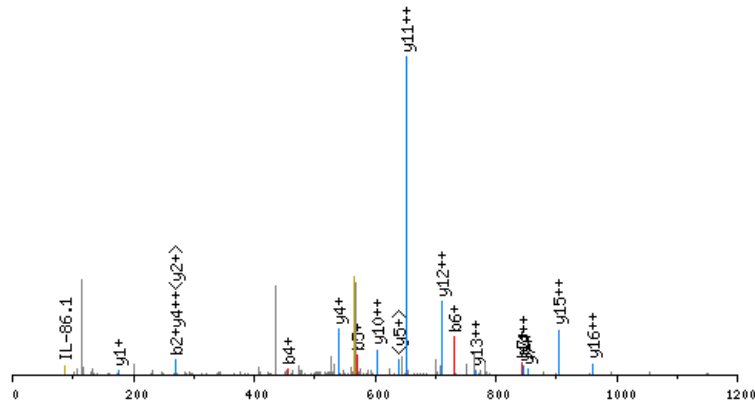
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
148.1550	1	L 13		
263.1819	2	D 12	1404.6759	702.8419
449.2612	3	W 11	1289.6490	645.3284
562.3453	4	L 10	1103.5697	552.2888
661.4137	5	V 9	990.4856	495.7467
789.4723	6	Q 8	891.4172	446.2125
918.5149	7	E 7	763.3586	382.1832
975.5363	8	G 6	634.3160	317.6619
1104.5789	9	E 5	577.2946	289.1512
1175.6160	10	A 4	448.2520	224.6299
1276.6637	11	T 3	377.2149	189.1113
1377.7114	12	T 2	276.1672	138.5875
	13	R 1	175.1195	88.0637

N-term:+35.07

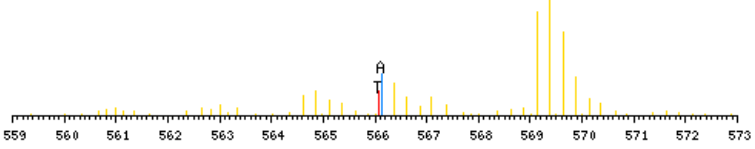
LEALDCILPPTTRPTDKPLR, MH+ 2261.2691, m/z 566.0727
 L OS G27 P150811 220811-s1.06508.06508.4.dta

scan 6508; 3.3e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 6507; 566.1 m/z; 2.9e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
142.1232	1	L	19		
271.1658	2	E	18	2120.1538	1060.5808
342.2029	3	A	17	1991.1112	996.0595
455.2869	4	L	16	1920.0741	960.5409
570.3139	5	D	15	1806.9900	903.9989
730.3445	6	C	14	1691.9631	846.4854
843.4285	7	I	13	1531.9325	766.4701
956.5126	8	L	12	1418.8484	709.9281
1053.5654	9	P	11	1305.7643	653.3861
1150.6181	10	P	10	1208.7116	604.8597
1251.6658	11	T	9	1111.6588	556.3333
1407.7669	12	R	8	1010.6111	505.8095
1504.8197	13	P	7	854.5100	427.7589
1605.8674	14	T	6	757.4573	379.2325
1720.8943	15	D	5	656.4096	328.7087
1877.0206	16	K	4	541.3826	271.1952
1974.0734	17	P	3	385.2563	193.1321
2087.1574	18	L	2	288.2036	144.6057
	19	R	1	175.1195	88.0637

N-term:+29.04 C(6):+160.03
 K(16):+156.13

LEALDTILPPTTRPTDKPLR, MH+ 2214.3498, m/z 554.3429
 H OS G27 P150811 220811-s1.06541.06541.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

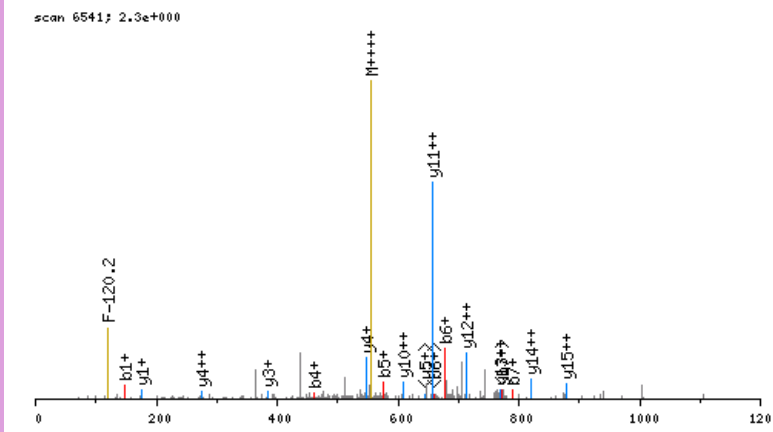
y + 2+ 3+

z + 2+ 3+

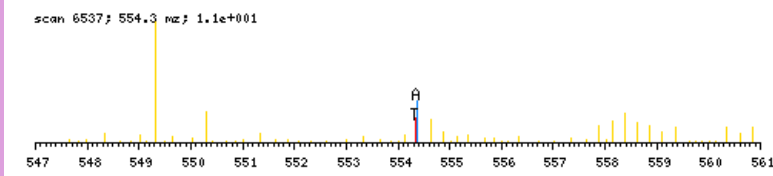
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
148.1550	1	L	19		
277.1976	2	E	18	2067.2027	1034.1052
348.2347	3	A	17	1938.1601	969.5839
461.3187	4	L	16	1867.1229	934.0654
576.3457	5	D	15	1754.0389	877.5234
677.3934	6	T	14	1639.0119	820.0099
790.4774	7	I	13	1537.9643	769.4860
903.5615	8	L	12	1424.8802	712.9440
1000.6142	9	P	11	1311.7961	656.4020
1097.6670	10	P	10	1214.7434	607.8756
1198.7147	11	T	9	1117.6906	559.3492
1354.8158	12	R	8	1016.6429	508.8254
1451.8686	13	P	7	860.5418	430.7748
1552.9162	14	T	6	763.4891	382.2484
1667.9432	15	D	5	662.4414	331.7246
1830.1013	16	K	4	547.4144	274.2111
1927.1541	17	P	3	385.2563	193.1321
2040.2381	18	L	2	288.2036	144.6057
	19	R	1	175.1195	88.0637

N-term: +35.07 K(16) : +162.16

LEALGIKEGTIPPEYR, MH+ 1842.0377, m/z 614.6841
 L OS G26 P150811 220811-s1.04893.04893.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

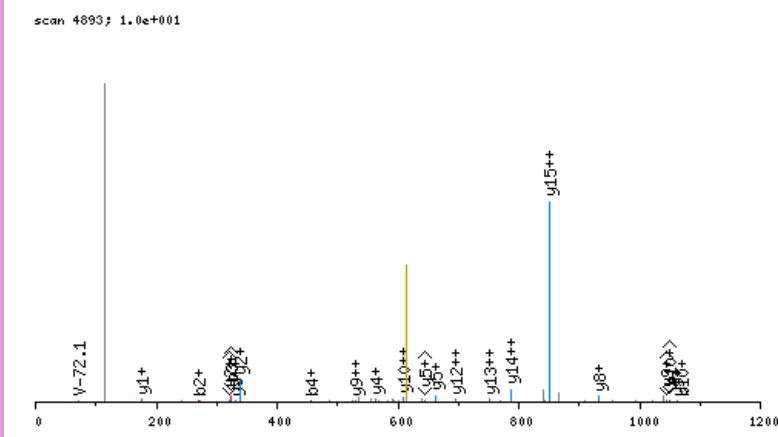
y + 2+ 3+

z + 2+ 3+

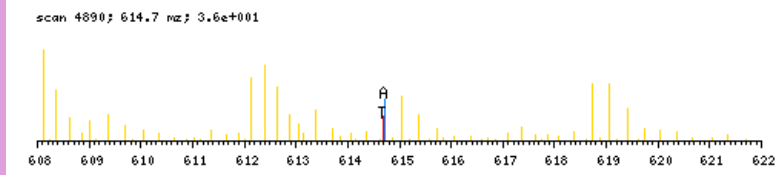
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 16		
271.1658	2	E 15	1700.9223	850.9651
342.2029	3	A 14	1571.8798	786.4438
455.2869	4	L 13	1500.8426	750.9252
512.3084	5	G 12	1387.7586	694.3832
625.3925	6	I 11	1330.7371	665.8725
781.5188	7	K 10	1217.6530	609.3304
910.5614	8	E 9	1061.5267	531.2673
967.5828	9	G 8	932.4842	466.7460
1068.6305	10	T 7	875.4627	438.2353
1181.7146	11	I 6	774.4150	387.7114
1278.7673	12	P 5	661.3310	331.1694
1375.8201	13	P 4	564.2782	282.6430
1504.8627	14	E 3	467.2254	234.1166
1667.9260	15	Y 2	338.1828	169.5953
	16	R 1	175.1195	88.0637

N-term:+29.04 K(7):+156.13

LECYSCVQKADDGCSPHR, MH+ 2237.9740, m/z 560.2490
 L OS G28 P150811 220811-s1.02849.02849.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

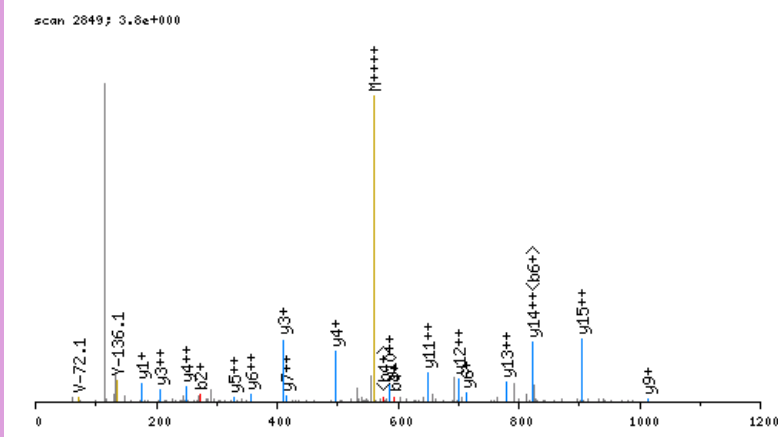
y + 2+ 3+

z + 2+ 3+

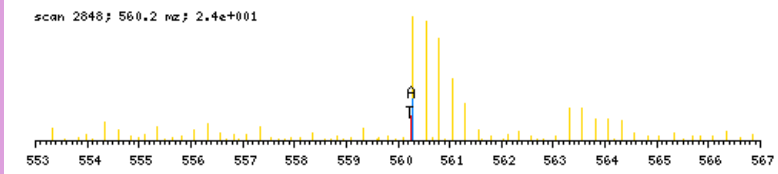
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 18		
271.1658	2	E 17	2096.8587	1048.9333
431.1964	3	C 16	1967.8161	984.4120
594.2597	4	Y 15	1807.7855	904.3967
681.2917	5	S 14	1644.7222	822.8650
841.3223	6	C 13	1557.6902	779.3490
940.3907	7	V 12	1397.6596	699.3337
1068.4493	8	Q 11	1298.5911	649.7995
1224.5756	9	K 10	1170.5326	585.7702
1295.6127	10	A 9	1014.4063	507.7070
1410.6397	11	D 8	943.3692	472.1885
1525.6666	12	D 7	828.3422	414.6750
1582.6881	13	G 6	713.3153	357.1615
1742.7187	14	C 5	656.2938	328.6508
1829.7507	15	S 4	496.2632	248.6355
1926.8035	16	P 3	409.2312	205.1195
2063.8624	17	H 2	312.1784	156.5931
	18	R 1	175.1195	88.0637

N-term: +29.04 C(3): +160.03
 C(6): +160.03 K(9): +156.13
 C(14): +160.03

LEDLVFPSEIVGKR, MH+ 1657.9529, m/z 553.3225
 L OS G26 P150811 220811-s1.06151.06151.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

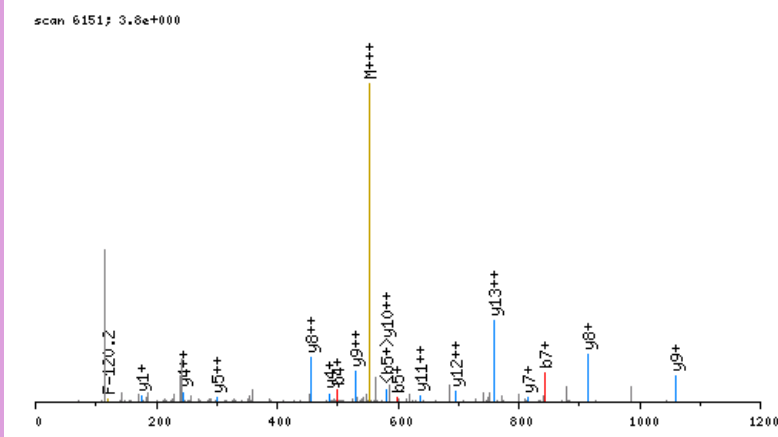
y + 2+ 3+

z + 2+ 3+

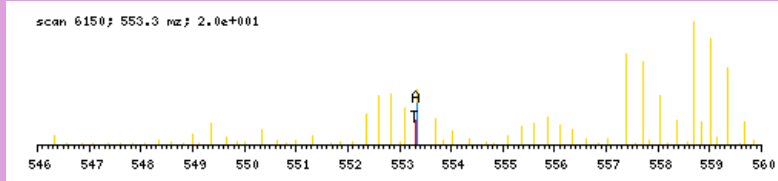
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 14		
271.1658	2	E 13	1516.8376	758.9227
386.1927	3	D 12	1387.7950	694.4014
499.2768	4	L 11	1272.7680	636.8879
598.3452	5	V 10	1159.6840	580.3459
745.4136	6	F 9	1060.6155	530.8117
842.4664	7	P 8	913.5471	457.2775
929.4984	8	S 7	816.4944	408.7511
1058.5410	9	E 6	729.4623	365.2351
1171.6250	10	I 5	600.4197	300.7138
1270.6935	11	V 4	487.3357	244.1718
1327.7149	12	G 3	388.2673	194.6375
1483.8412	13	K 2	331.2458	166.1268
	14	R 1	175.1195	88.0637

N-term:+29.04 K(13):+156.13

LEELLTQCDR, MH+ 1411.7314, m/z 706.3694
 H OS G25 P150811 220811-s1.04645.04645.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

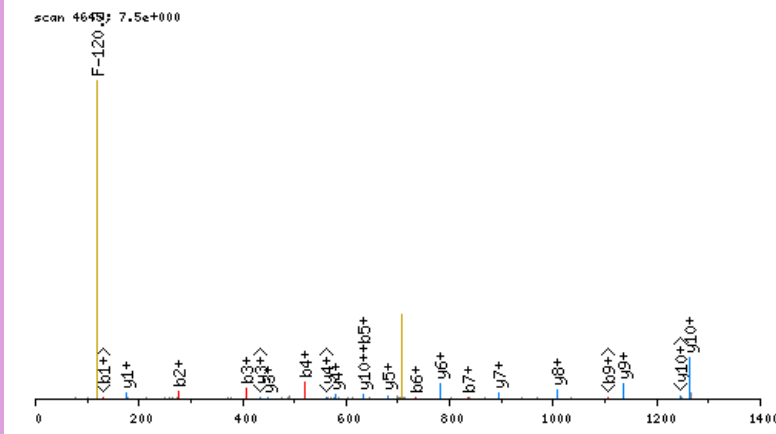
y + 2+ 3+

z + 2+ 3+

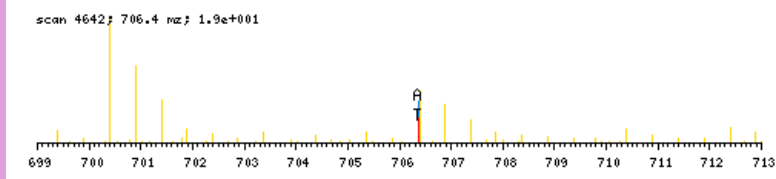
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
148.1550	1	L 11		
277.1976	2	E 10	1264.5843	632.7961
406.2402	3	E 9	1135.5417	568.2748
519.3242	4	L 8	1006.4991	503.7535
632.4083	5	L 7	893.4150	447.2114
733.4560	6	T 6	780.3310	390.6694
834.5036	7	T 5	679.2833	340.1456
962.5622	8	Q 4	578.2356	289.6217
1122.5928	9	C 3	450.1770	225.5924
1237.6198	10	D 2	290.1464	145.5771
	11	R 1	175.1195	88.0637

N-term:+35.07 C(9):+160.03

LEEVAVNFAKGLADR, MH+ 1700.0019, m/z 567.3388
 H OS G26 P150811 220811-s1.05691.05691.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

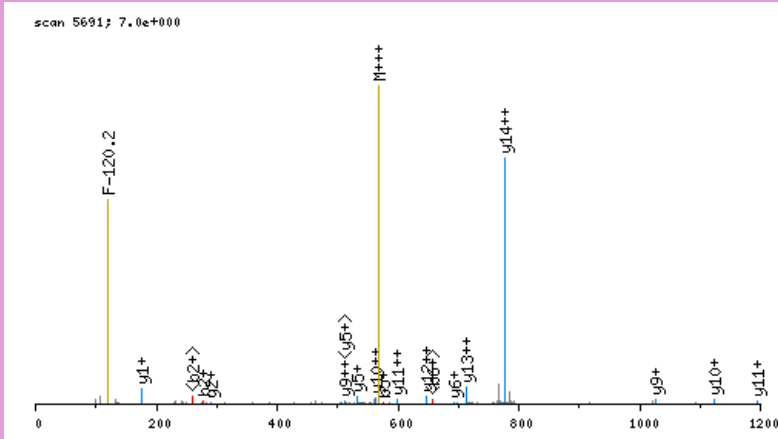
y + 2+ 3+

z + 2+ 3+

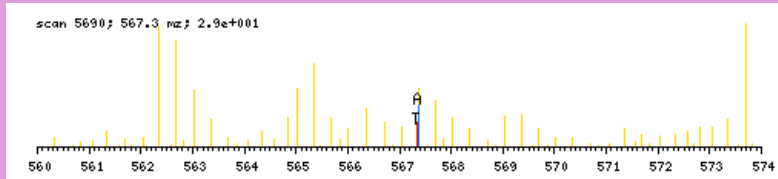
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
148.1550	1	L 15		
277.1976	2	E 14	1552.8548	776.9313
406.2402	3	E 13	1423.8122	712.4100
505.3086	4	V 12	1294.7696	647.8887
576.3457	5	A 11	1195.7012	598.3545
675.4141	6	V 10	1124.6641	562.8359
789.4570	7	N 9	1025.5956	513.3017
936.5254	8	F 8	911.5527	456.2803
1007.5625	9	A 7	764.4843	382.7461
1169.7206	10	K 6	693.4472	347.2275
1226.7421	11	G 5	531.2891	266.1485
1339.8262	12	L 4	474.2676	237.6377
1410.8633	13	A 3	361.1836	181.0957
1525.8902	14	D 2	290.1464	145.5771
	15	R 1	175.1195	88.0637

N-term:+35.07 K(10):+162.16

LEIDVSNPQTVGVGR, MH+ 1617.9024, m/z 539.9723
 H OS G24 P150811 220811-s1.03866.03866.3.dta

scan 3866; 6.4e-001

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

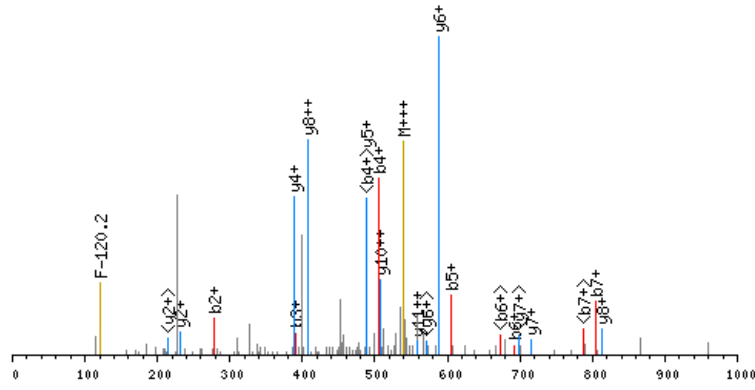
y + 2+ 3+

z + 2+ 3+

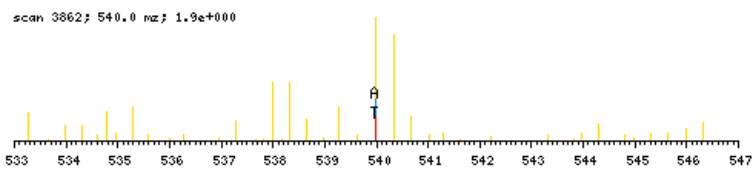
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



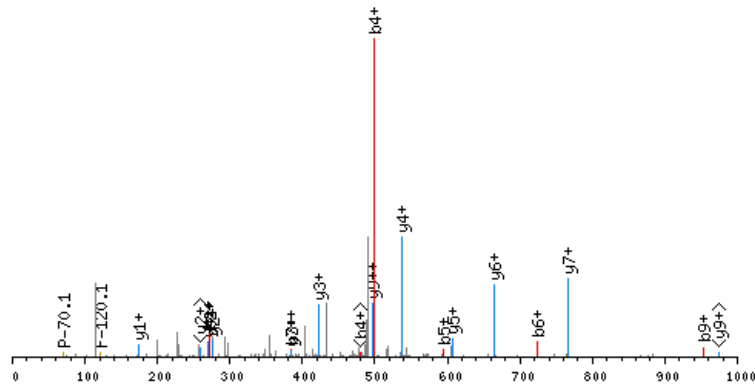
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
148.1550	1	L 15		
277.1976	2	E 14	1470.7552	735.8815
390.2816	3	I 13	1341.7127	671.3602
505.3086	4	D 12	1228.6286	614.8182
604.3770	5	V 11	1113.6016	557.3047
691.4090	6	S 10	1014.5332	507.7705
805.4519	7	N 9	927.5012	464.2545
902.5047	8	P 8	813.4583	407.2331
1030.5633	9	Q 7	716.4055	358.7067
1131.6110	10	T 6	588.3469	294.6774
1230.6794	11	V 5	487.2993	244.1535
1287.7008	12	G 4	388.2308	194.6193
1386.7692	13	V 3	331.2094	166.1086
1443.7907	14	G 2	232.1410	116.5744
	15	R 1	175.1195	88.0637

N-term:+35.07

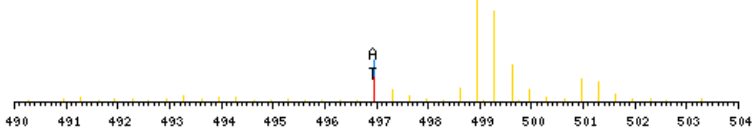
LEINPETGAIFTR, MH+ 1488.8062, m/z 496.9402
 L OS G25 P150811 220811-s1.07203.07203.3.dta

scan 7203; 2.7e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 7202; 496.9 m/z; 7.3e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
142.1232	1	L	13		
271.1658	2	E	12	1347.6909	674.3493
384.2498	3	I	11	1218.6483	609.8280
498.2927	4	N	10	1105.5642	553.2860
595.3455	5	P	9	991.5213	496.2645
724.3881	6	E	8	894.4685	447.7382
825.4358	7	T	7	765.4259	383.2169
882.4572	8	G	6	664.3782	332.6930
953.4944	9	A	5	607.3568	304.1823
1066.5784	10	I	4	536.3197	268.6637
1213.6468	11	F	3	423.2356	212.1217
1314.6945	12	T	2	276.1672	138.5875
	13	R	1	175.1195	88.0637

N-term:+29.04

LEPHLDPEAAEQIR, MH+ 1651.8867, m/z 551.3004
 H OS G26 P150811 220811-s1.04273.04273.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

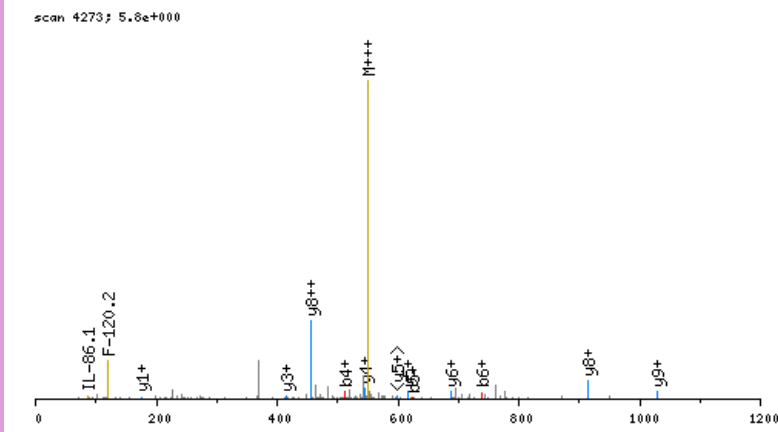
y + 2+ 3+

z + 2+ 3+

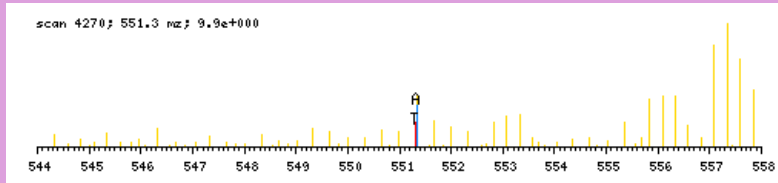
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



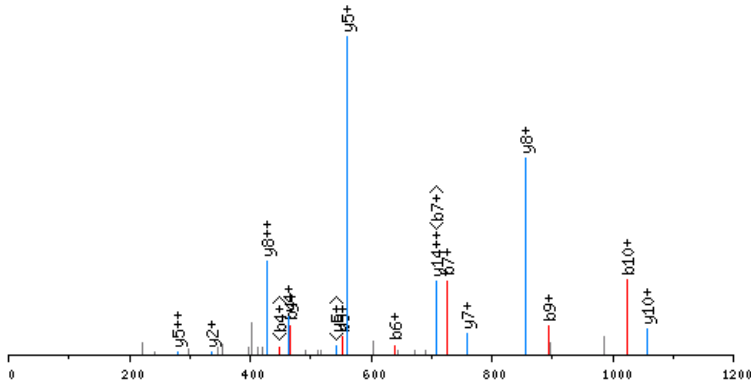
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
148.1550	1	L 14		
277.1976	2	E 13	1504.7396	752.8737
374.2503	3	P 12	1375.6970	688.3524
511.3092	4	H 11	1278.6442	639.8260
624.3933	5	L 10	1141.5853	571.2966
739.4202	6	D 9	1028.5013	514.7545
836.4730	7	P 8	913.4743	457.2411
965.5156	8	E 7	816.4216	408.7147
1036.5527	9	A 6	687.3790	344.1934
1107.5898	10	A 5	616.3418	308.6748
1236.6324	11	E 4	545.3047	273.1563
1364.6910	12	Q 3	416.2621	208.6350
1477.7751	13	I 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+35.07

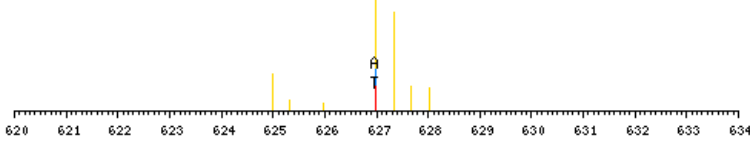
LETSSSPAEPAPGACR, MH+ 1878.9079, m/z 626.9741
 H OS G24 P150811 220811-s1.02547.02547.3.dta

scan 2547; 6.1e-001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2546; 627.0 m/z; 8.6e-001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

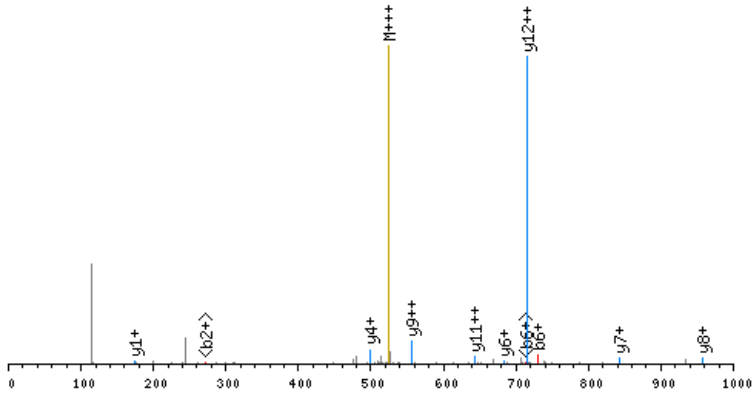
GO

b ⁺	#	AA #	y ⁺	y ²⁺
148.1550	1	L 18		
277.1976	2	E 17	1731.7608	866.3843
378.2452	3	T 16	1602.7182	801.8630
465.2773	4	S 15	1501.6705	751.3392
552.3093	5	S 14	1414.6385	707.8231
639.3413	6	S 13	1327.6064	664.3071
726.3733	7	S 12	1240.5744	620.7911
823.4261	8	P 11	1153.5424	577.2751
894.4632	9	A 10	1056.4896	528.7487
1023.5058	10	E 9	985.4525	493.2302
1120.5586	11	P 8	856.4099	428.7089
1191.5957	12	A 7	759.3571	380.1825
1319.6543	13	Q 6	688.3200	344.6639
1416.7070	14	P 5	560.2614	280.6346
1473.7285	15	G 4	463.2087	232.1083
1544.7656	16	A 3	406.1872	203.5975
1704.7962	17	C 2	335.1501	168.0790
	18	R 1	175.1195	88.0637

N-term:+35.07 C(17):+160.03

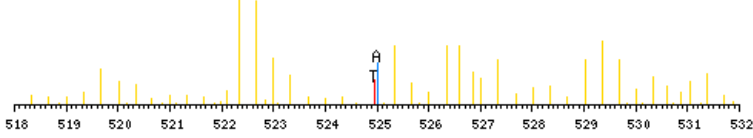
LFGDKLCAIPNLR, MH+ 1572.8936, m/z 524.9694
 L OS G27 P150811 220811-s1.06496.06496.3.dta

scan 6496; 6.9e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6492; 525.0 Hz; 9.5e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L	13	
289.1916	2	F	12	1431.7782
346.2130	3	G	11	1284.7098
461.2400	4	D	10	1227.6883
617.3663	5	K	9	1112.6614
730.4503	6	L	8	956.5351
890.4809	7	C	7	843.4510
961.5181	8	A	6	683.4204
1074.6021	9	I	5	612.3833
1171.6549	10	P	4	499.2993
1285.6978	11	N	3	402.2465
1398.7819	12	L	2	288.2036
	13	R	1	175.1195

N-term:+29.04 K(5):+156.13
 C(7):+160.03

LGDFAIISLYR, MH+ 1188.6841, m/z 594.8457
 H OS G25 P150811 220811-s1.07649.07649.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

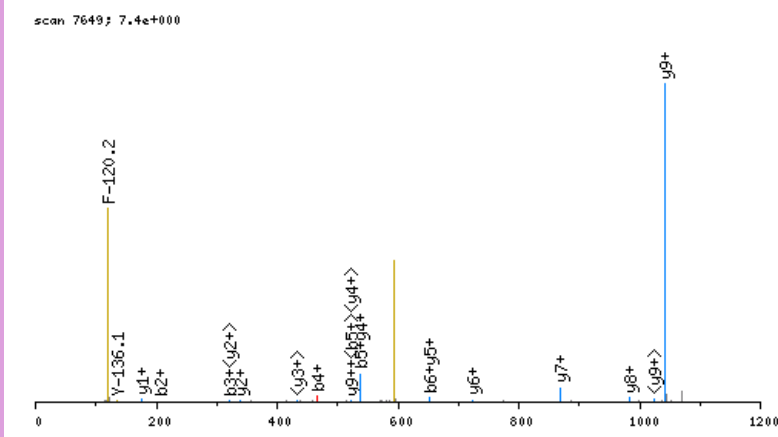
y + 2+ 3+

z + 2+ 3+

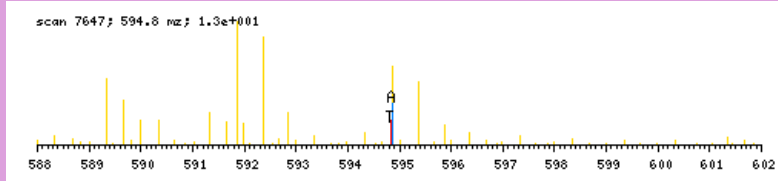
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
148.1550	1	L	10	
205.1764	2	G	9	1041.5369 521.2724
320.2034	3	D	8	984.5155 492.7616
467.2718	4	F	7	869.4885 435.2482
538.3089	5	A	6	722.4201 361.7140
651.3930	6	I	5	651.3830 326.1954
738.4250	7	S	4	538.2989 269.6534
851.5091	8	L	3	451.2669 226.1374
1014.5724	9	Y	2	338.1828 169.5953
	10	R	1	175.1195 88.0637

N-term:+35.07

LGEKFDETTADGR, MH+ 1494.7440, m/z 498.9195
 L OS G27 P150811 220811-s1.03138.03138.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

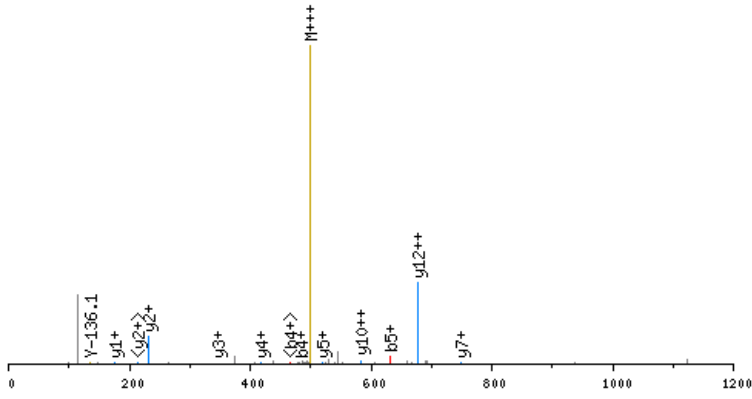
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

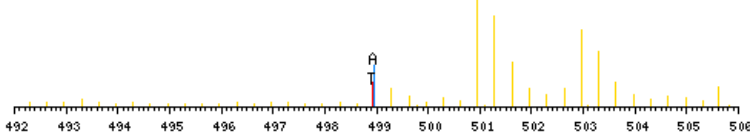
GO

scan 3138; 1.2e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 3137; 498.9 m/z; 5.4e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 13		
199.1446	2	G 12	1353.6287	677.3183
328.1872	3	E 11	1296.6072	648.8075
484.3135	4	K 10	1167.5646	584.2862
631.3819	5	F 9	1011.4383	506.2231
746.4089	6	D 8	864.3699	432.6889
875.4515	7	E 7	749.3430	375.1754
976.4991	8	T 6	620.3004	310.6541
1077.5468	9	T 5	519.2527	260.1303
1148.5839	10	A 4	418.2050	209.6064
1263.6109	11	D 3	347.1679	174.0879
1320.6323	12	G 2	232.1410	116.5744
	13	R 1	175.1195	88.0637

N-term:+29.04 K(4):+156.13

LGTLDNPSSSLDETAYER, MH+ 1914.9509, m/z 638.9885
 H OS G24 P150811 220811-s1.03786.03786.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

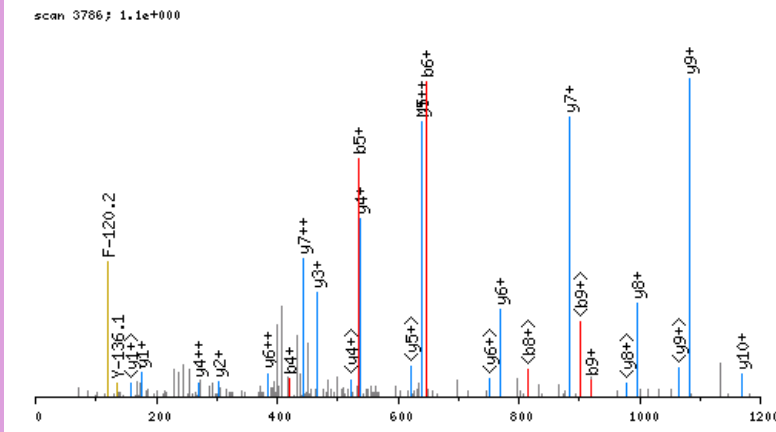
y + 2+ 3+

z + 2+ 3+

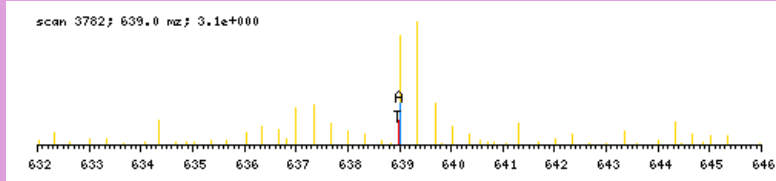
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
148.1550	1	L	17		
205.1764	2	G	16	1767.8037	884.4058
306.2241	3	T	15	1710.7822	855.8950
419.3082	4	L	14	1609.7346	805.3712
534.3351	5	D	13	1496.6505	748.8292
648.3780	6	N	12	1381.6236	691.3157
745.4308	7	P	11	1267.5806	634.2942
832.4628	8	S	10	1170.5279	585.7678
919.4949	9	S	9	1083.4958	542.2518
1032.5789	10	L	8	996.4638	498.7358
1147.6059	11	D	7	883.3798	442.1938
1276.6485	12	E	6	768.3528	384.6803
1377.6961	13	T	5	639.3102	320.1590
1448.7333	14	A	4	538.2625	269.6352
1611.7966	15	Y	3	467.2254	234.1166
1740.8392	16	E	2	304.1621	152.5850
	17	R	1	175.1195	88.0637

N-term:+35.07

LGVPKTHLELKRLIR, MH+ 1875.3120, m/z 469.5835
 H OS G28 P150811 220811-s1.05495.05495.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

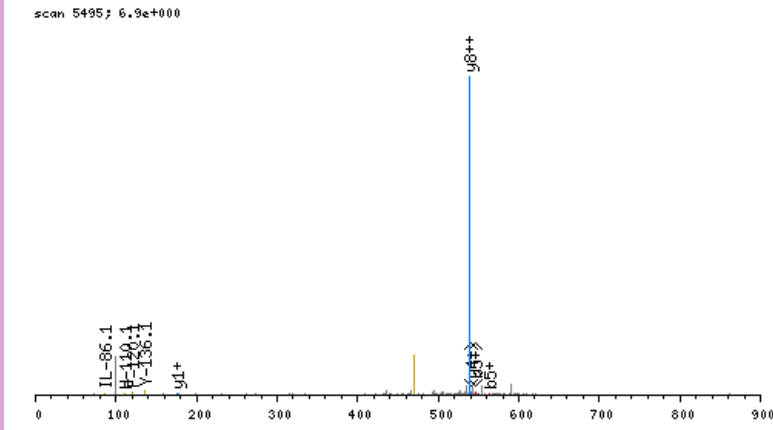
y + 2+ 3+

z + 2+ 3+

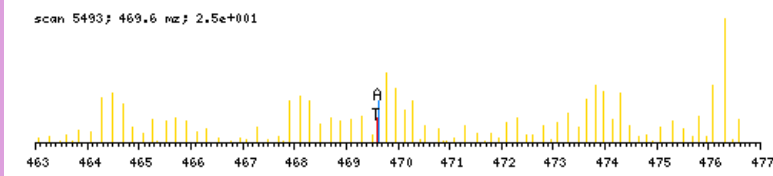
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
148.1550	1	L	15		
205.1764	2	G	14	1728.1649	864.5864
304.2448	3	V	13	1671.1434	836.0756
401.2976	4	P	12	1572.0750	786.5414
563.4557	5	K	11	1475.0223	738.0150
664.5034	6	T	10	1312.8642	656.9360
801.5623	7	H	9	1211.8165	606.4121
914.6464	8	L	8	1074.7576	537.8827
1043.6890	9	E	7	961.6735	481.3407
1156.7730	10	L	6	832.6309	416.8194
1318.9311	11	K	5	719.5468	360.2773
1475.0322	12	R	4	557.3887	279.1983
1588.1163	13	L	3	401.2876	201.1477
1701.2004	14	I	2	288.2036	144.6057
	15	R	1	175.1195	88.0637

N-term:+35.07 K(5):+162.16
 K(11):+162.16

LHLGVTPSVLR, MH+ 1219.7526, m/z 407.2557
 L OS G27 P150811 220811-s1.05553.05553.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

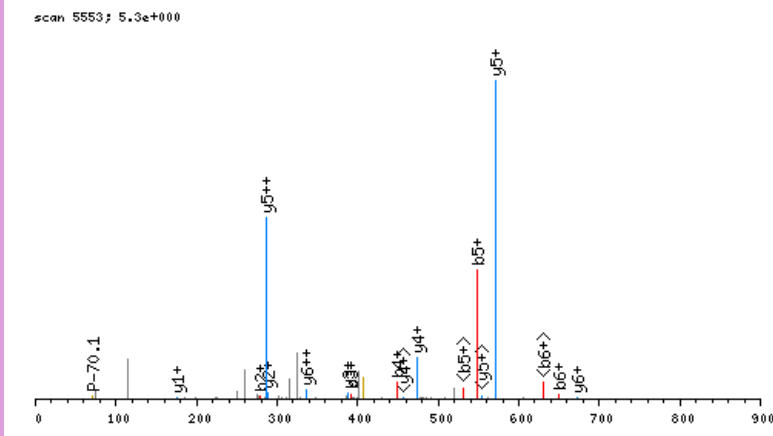
y + 2+ 3+

z + 2+ 3+

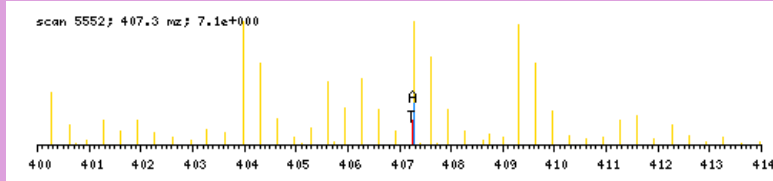
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 11		
279.1821	2	H 10	1078.6373	539.8226
392.2661	3	L 9	941.5784	471.2931
449.2876	4	G 8	828.4943	414.7511
548.3560	5	V 7	771.4729	386.2403
649.4037	6	T 6	672.4044	336.7061
746.4565	7	P 5	571.3568	286.1823
833.4885	8	S 4	474.3040	237.6559
932.5569	9	V 3	387.2720	194.1399
1045.6410	10	L 2	288.2036	144.6057
	11	R 1	175.1195	88.0637

N-term:+29.04

LHTLFGDKLCAIPNLR, MH+ 1924.0842, m/z 481.7765
 L OS G28 P150811 220811-s1.08544.08544.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

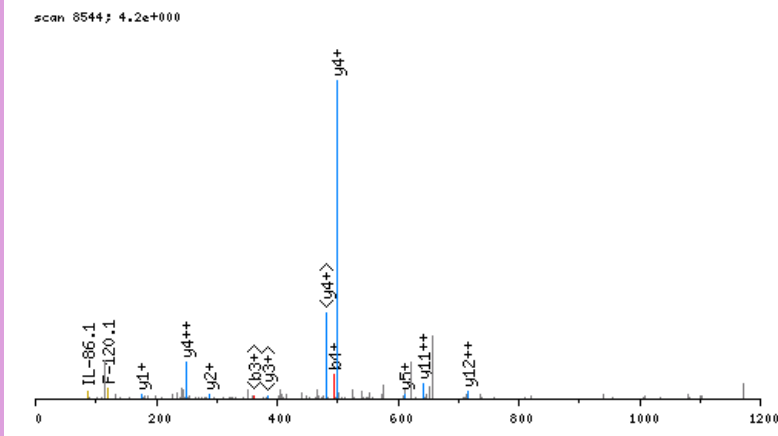
y + 2+ 3+

z + 2+ 3+

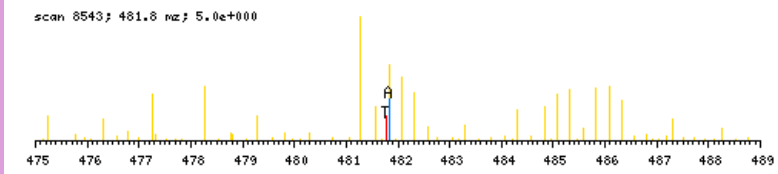
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
142.1232	1	L	16		
279.1821	2	H	15	1782.9689	891.9883
380.2298	3	T	14	1645.9100	823.4589
493.3138	4	L	13	1544.8623	772.9351
640.3822	5	F	12	1431.7782	716.3930
697.4037	6	G	11	1284.7098	642.8588
812.4306	7	D	10	1227.6883	614.3481
968.5569	8	K	9	1112.6614	556.8346
1081.6410	9	L	8	956.5351	478.7715
1241.6716	10	C	7	843.4510	422.2294
1312.7087	11	A	6	683.4204	342.2141
1425.7928	12	I	5	612.3833	306.6956
1522.8455	13	P	4	499.2993	250.1535
1636.8885	14	N	3	402.2465	201.6272
1749.9725	15	L	2	288.2036	144.6057
	16	R	1	175.1195	88.0637

N-term:+29.04 K(8):+156.13
 C(10):+160.03

LHTVYQSVELPETHQLR, MH+ 2215.1757, m/z 554.5494
 H OS G28 P150811 220811-s1.06574.06574.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

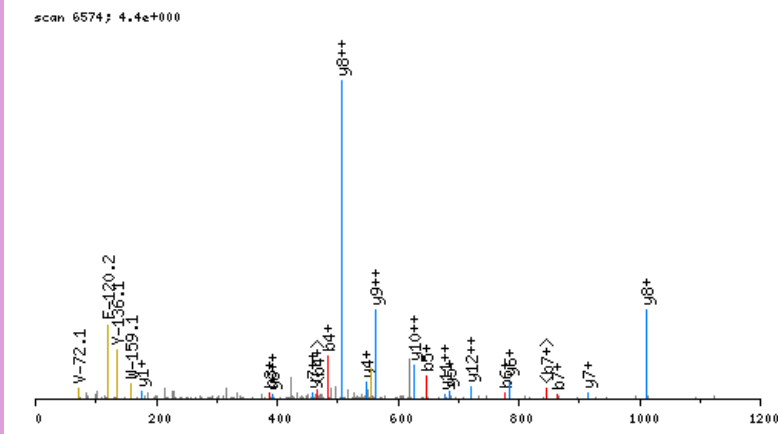
y + 2+ 3+

z + 2+ 3+

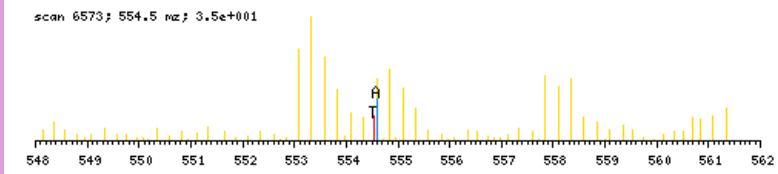
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
148.1550	1	L	18		
285.2139	2	H	17	2068.0286	1034.5182
386.2616	3	T	16	1930.9697	965.9887
485.3300	4	V	15	1829.9220	915.4649
648.3933	5	Y	14	1730.8536	865.9307
776.4519	6	Q	13	1567.7903	784.3990
863.4839	7	S	12	1439.7317	720.3697
962.5523	8	V	11	1352.6996	676.8537
1091.5949	9	E	10	1253.6312	627.3195
1204.6790	10	L	9	1124.5886	562.7982
1301.7317	11	P	8	1011.5046	506.2562
1430.7743	12	E	7	914.4518	457.7298
1531.8220	13	T	6	785.4092	393.2085
1668.8809	14	H	5	684.3615	342.6847
1796.9395	15	Q	4	547.3026	274.1552
1927.9800	16	M	3	419.2440	210.1259
2041.0640	17	L	2	288.2036	144.6057
	18	R	1	175.1195	88.0637

N-term:+35.07

LKGGDDLDPNYVLSSR, MH+ 1817.0081, m/z 606.3409
 H OS G27 P150811 220811-s1.05536.05536.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

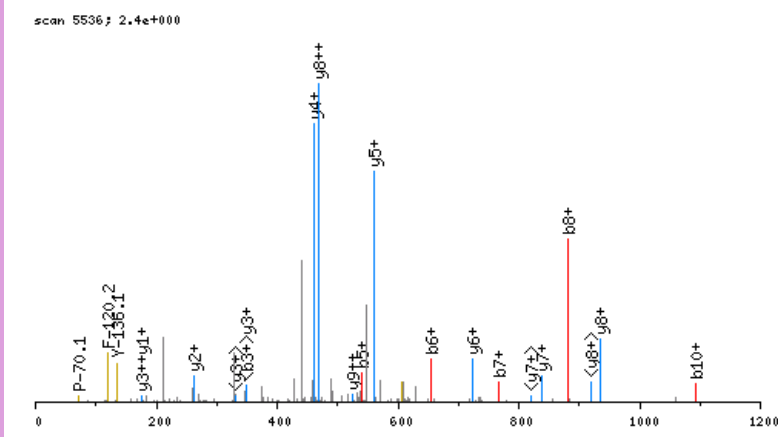
y + 2+ 3+

z + 2+ 3+

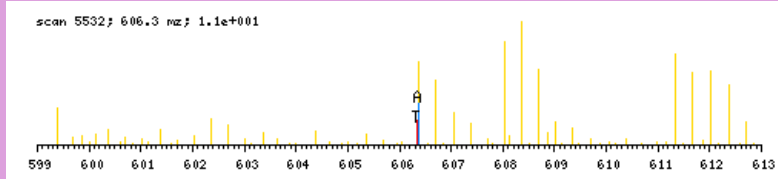
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
148.1550	1	L 16		
310.3131	2	K 15	1669.8610	835.4344
367.3345	3	G 14	1507.7029	754.3554
424.3560	4	G 13	1450.6814	725.8446
539.3829	5	D 12	1393.6599	697.3339
654.4099	6	D 11	1278.6330	639.8204
767.4939	7	L 10	1163.6061	582.3069
882.5209	8	D 9	1050.5220	525.7649
979.5736	9	P 8	935.4951	468.2514
1093.6166	10	N 7	838.4423	419.7251
1256.6799	11	Y 6	724.3994	362.7036
1355.7483	12	V 5	561.3360	281.1719
1468.8324	13	L 4	462.2676	231.6377
1555.8644	14	S 3	349.1836	175.0957
1642.8964	15	S 2	262.1515	131.5797
	16	R 1	175.1195	88.0637

N-term:+35.07 K(2):+162.16

LKGPKEISGFEGDTVSLR, MH+ 2017.1334, m/z 505.0388
 L OS G28 P150811 220811-s1.06072.06072.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

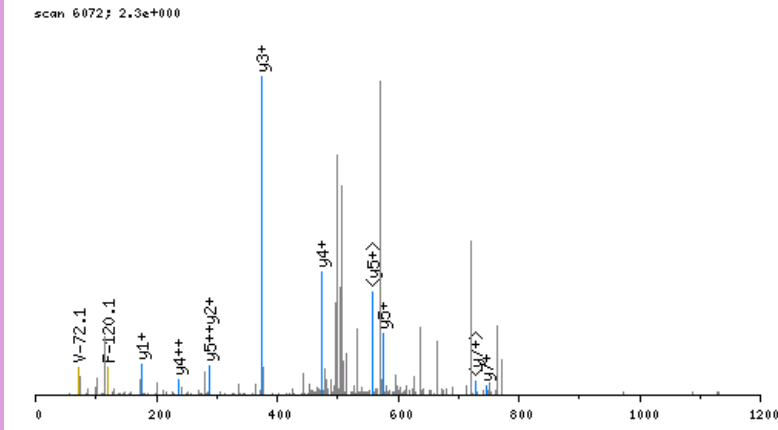
y + 2+ 3+

z + 2+ 3+

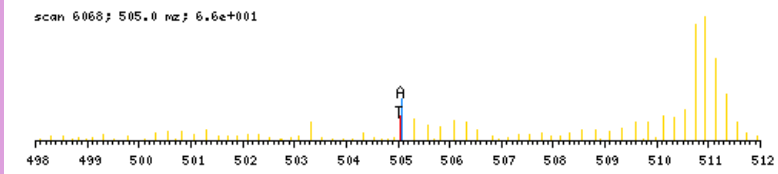
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



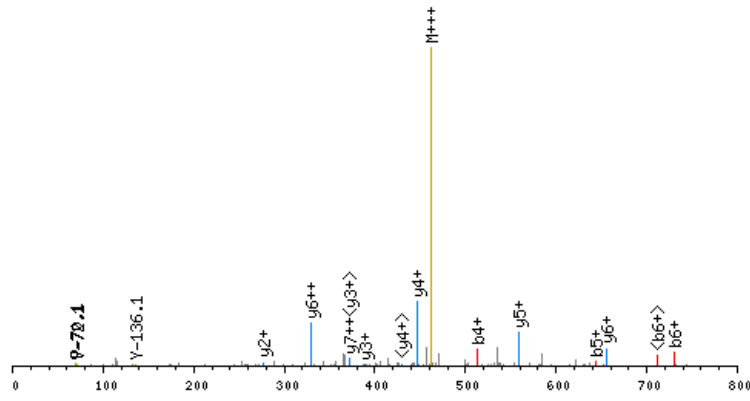
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 18		
298.2495	2	K 17	1876.0181	938.5130
355.2709	3	G 16	1719.8918	860.4498
452.3237	4	P 15	1662.8703	831.9391
608.4500	5	K 14	1565.8175	783.4127
737.4926	6	E 13	1409.6912	705.3495
850.5766	7	I 12	1280.6487	640.8282
937.6087	8	S 11	1167.5646	584.2862
994.6301	9	G 10	1080.5326	540.7702
1141.6986	10	F 9	1023.5111	512.2595
1270.7411	11	E 8	876.4427	438.7253
1327.7626	12	G 7	747.4001	374.2040
1442.7896	13	D 6	690.3786	345.6932
1543.8372	14	T 5	575.3517	288.1798
1642.9056	15	V 4	474.3040	237.6559
1729.9377	16	S 3	375.2356	188.1217
1843.0217	17	L 2	288.2036	144.6057
	18	R 1	175.1195	88.0637

N-term:+29.04 K(2):+156.13
 K(5):+156.13

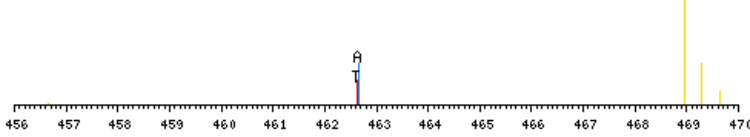
LKTLMSPLGTR, MH+ 1385.8554, m/z 462.6233
 L OS G27 P150811 220811-s1.05970.05970.3.dta

scan 5970; 5.4e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5967; 462.6 m/z; 1.8e+003



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 12		
298.2495	2	K 11	1244.7401	622.8740
399.2971	3	T 10	1088.6138	544.8108
512.3812	4	L 9	987.5661	494.2870
643.4217	5	M 8	874.4820	437.7449
730.4537	6	S 7	743.4416	372.2247
827.5065	7	P 6	656.4095	328.7087
940.5905	8	L 5	559.3568	280.1823
997.6120	9	G 4	446.2727	223.6403
1110.6961	10	I 3	389.2512	195.1295
1211.7438	11	T 2	276.1672	138.5875
	12	R 1	175.1195	88.0637

N-term:+29.04 K(2):+156.13

LLCGEEQGADAALHFNPR, MH+ 2025.9816, m/z 675.9987
 L OS G26 P150811 220811-s1.04673.04673.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

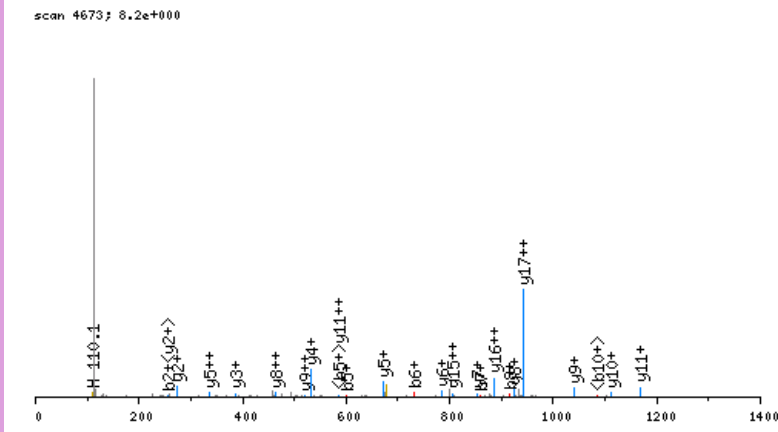
y + 2+ 3+

z + 2+ 3+

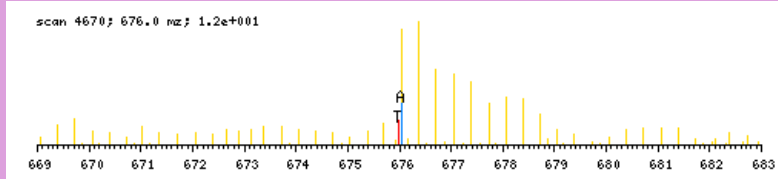
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 18		
255.2072	2	L 17	1884.8662	942.9370
415.2378	3	C 16	1771.7822	886.3950
472.2593	4	G 15	1611.7516	806.3797
601.3019	5	E 14	1554.7301	777.8690
730.3445	6	E 13	1425.6875	713.3477
858.4031	7	Q 12	1296.6449	648.8264
915.4245	8	G 11	1168.5863	584.7971
986.4616	9	A 10	1111.5649	556.2863
1101.4886	10	D 9	1040.5278	520.7678
1172.5257	11	A 8	925.5008	463.2543
1243.5628	12	A 7	854.4637	427.7358
1356.6469	13	L 6	783.4266	392.2172
1493.7058	14	H 5	670.3425	335.6752
1640.7742	15	F 4	533.2836	267.1457
1754.8171	16	N 3	386.2152	193.6115
1851.8699	17	P 2	272.1723	136.5900
	18	R 1	175.1195	88.0637

N-term:+29.04 C(3):+160.03

LMEQDPDVAVTVR, MH+ 1500.7732, m/z 375.9488
 L OS G28 P150811 220811-s1.03580.03580.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

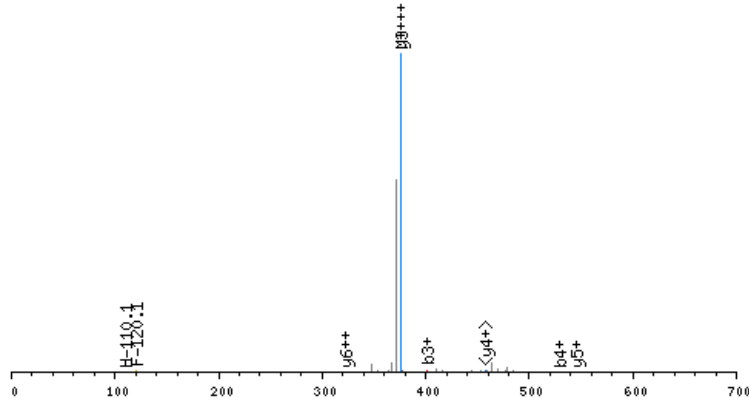
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

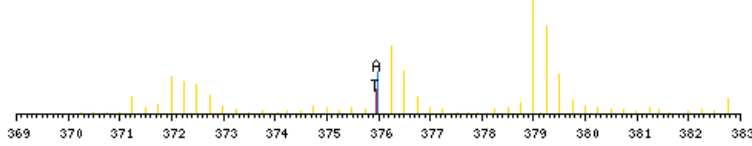
GO

scan 3580; 4.9e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 3578; 375.9 m/z; 7.6e+001

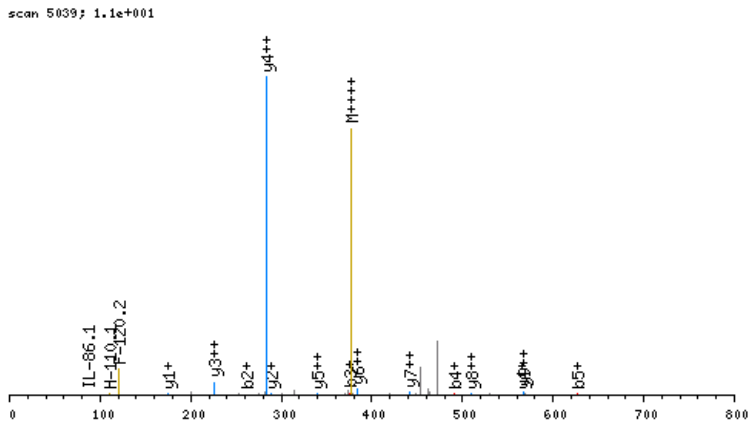


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

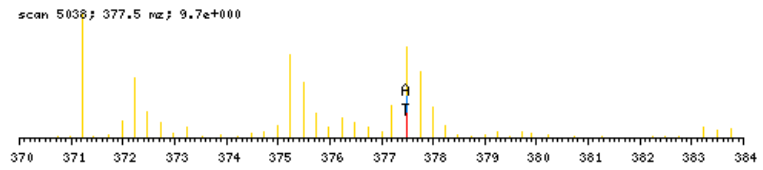
b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 13		
273.1636	2	M 12	1359.6578	680.3328
402.2062	3	E 11	1228.6174	614.8126
530.2648	4	Q 10	1099.5748	550.2913
645.2918	5	D 9	971.5162	486.2620
742.3445	6	P 8	856.4892	428.7485
857.3715	7	D 7	759.4365	380.2222
956.4399	8	V 6	644.4095	322.7087
1027.4770	9	A 5	545.3411	273.1745
1126.5454	10	V 4	474.3040	237.6559
1227.5931	11	T 3	375.2356	188.1217
1326.6615	12	V 2	274.1879	137.5979
	13	R 1	175.1195	88.0637

N-term:+29.04

LNIDHLSDDKLR, MH+ 1506.8916, m/z 377.4784
 H OS G28 P150811 220811-s1.05039.05039.4.dta



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

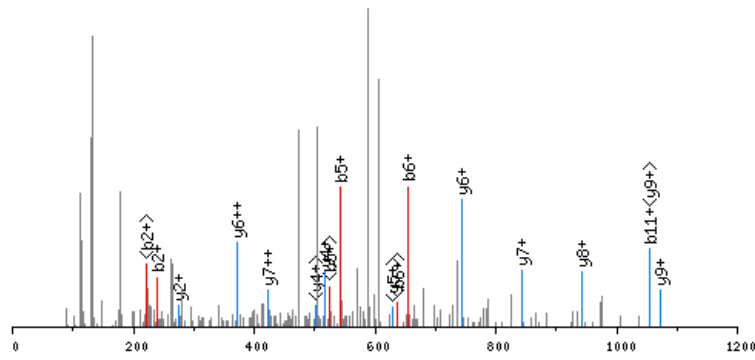
X-range: -
 MassTol: Y-zoom:
 MassType: AVG MONO
 Axis: 1 2
 Label: I M -
 Ions:
 a + 2+ 3+
 b + 2+ 3+
 c + 2+ 3+
 x + 2+ 3+
 y + 2+ 3+
 z + 2+ 3+
 hide H₂O/NH₃
 zoom 112-122

b ⁺	#	AA #	y ⁺	y ²⁺
148.1550	1	L 12		
262.1979	2	N 11	1359.7445	680.3762
375.2820	3	I 10	1245.7016	623.3547
490.3089	4	D 9	1132.6175	566.8127
627.3678	5	H 8	1017.5906	509.2992
740.4519	6	L 7	880.5316	440.7697
827.4839	7	S 6	767.4476	384.2277
942.5108	8	D 5	680.4156	340.7117
1057.5378	9	D 4	565.3886	283.1982
1219.6959	10	K 3	450.3617	225.6847
1332.7800	11	L 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+35.07 K(10):+162.16

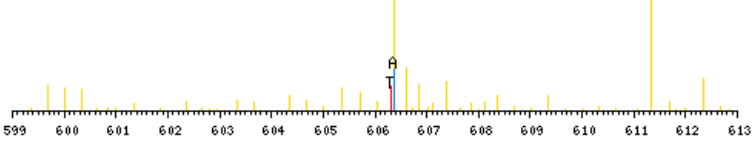
LPDTSIPGGSTPTVQVTPQLETR, MH+ 2422.2829, m/z 606.3262
 L OS G24 P150811 220811-s1.04145.04145.4.dta

scan 4145; 7.4e-001



click image to zoom in; click top corners to zoom out [precursor±]

scan 4142; 606.3 m/z; 3.7e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 23		
239.1759	2	P 22	2281.1676	1141.0877
354.2029	3	D 21	2184.1148	1092.5613
455.2505	4	T 20	2069.0879	1035.0478
542.2826	5	S 19	1968.0402	984.5240
655.3666	6	I 18	1881.0082	941.0080
752.4194	7	P 17	1767.9241	884.4660
809.4409	8	G 16	1670.8713	835.9396
866.4623	9	G 15	1613.8499	807.4288
953.4944	10	S 14	1556.8284	778.9181
1054.5420	11	T 13	1469.7964	735.4021
1151.5948	12	P 12	1368.7487	684.8783
1252.6425	13	T 11	1271.6959	636.3519
1351.7109	14	V 10	1170.6483	585.8280
1479.7695	15	Q 9	1071.5798	536.2938
1578.8379	16	V 8	943.5213	472.2645
1679.8856	17	T 7	844.4529	422.7303
1776.9383	18	P 6	743.4052	372.2065
1904.9969	19	Q 5	646.3524	323.6801
2018.0810	20	L 4	518.2938	259.6508
2147.1236	21	E 3	405.2098	203.1088
2248.1712	22	T 2	276.1672	138.5875
	23	R 1	175.1195	88.0637

N-term:+29.04

LQEDSLNVADLSSLR, MH+ 1687.8866, m/z 563.3004
 L OS G25 P150811 220811-s1.07433.07433.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

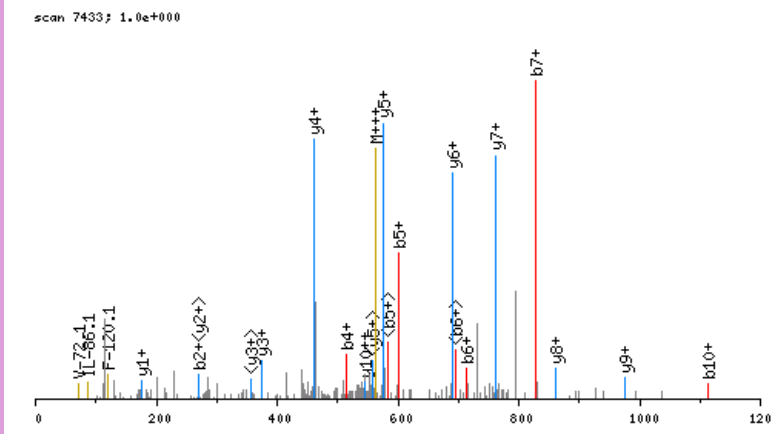
y + 2+ 3+

z + 2+ 3+

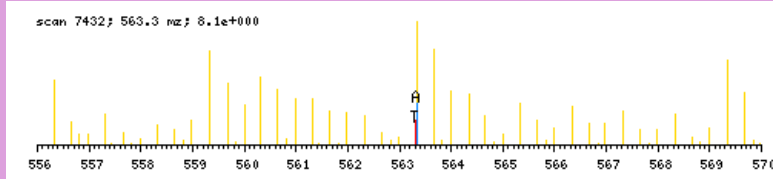
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



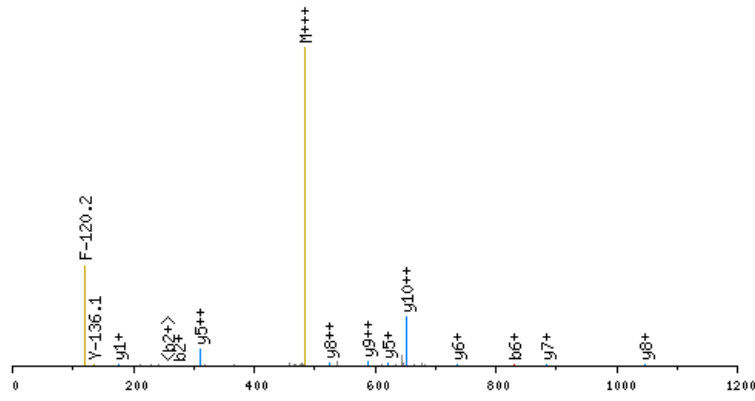
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 15		
270.1817	2	Q 14	1546.7713	773.8896
399.2243	3	E 13	1418.7127	709.8603
514.2513	4	D 12	1289.6701	645.3390
601.2833	5	S 11	1174.6432	587.8255
714.3674	6	L 10	1087.6111	544.3095
828.4103	7	N 9	974.5271	487.7675
927.4787	8	V 8	860.4842	430.7460
998.5158	9	A 7	761.4157	381.2118
1113.5428	10	D 6	690.3786	345.6932
1226.6268	11	L 5	575.3517	288.1798
1313.6589	12	S 4	462.2676	231.6377
1400.6909	13	S 3	375.2356	188.1217
1513.7750	14	L 2	288.2036	144.6057
	15	R 1	175.1195	88.0637

N-term:+29.04

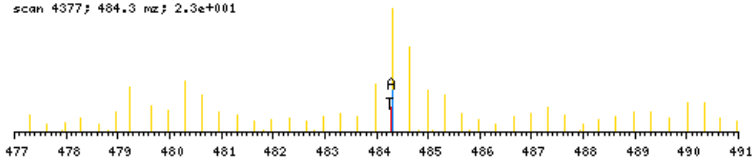
LQEYFDGNLKR, MH+ 1450.8331, m/z 484.2825
 H OS G27 P150811 220811-s1.04378.04378.3.dta

scan 4378; 1.6e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4377; 484.3 m/z; 2.3e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:
 -

MassTol: Y-zoom:

MassType:
 AVG MONO

Axis:
 1 2

Label:
 I M -

Ions:
 a + 2+ 3+
 b + 2+ 3+
 c + 2+ 3+
 x + 2+ 3+
 y + 2+ 3+
 z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
148.1550	1	L 11		
276.2135	2	Q 10	1303.6859	652.3469
405.2561	3	E 9	1175.6273	588.3176
568.3195	4	Y 8	1046.5847	523.7963
715.3879	5	F 7	883.5214	442.2646
830.4148	6	D 6	736.4530	368.7304
887.4363	7	G 5	621.4261	311.2169
1001.4792	8	N 4	564.4046	282.7062
1114.5633	9	L 3	450.3617	225.6847
1276.7214	10	K 2	337.2776	169.1427
	11	R 1	175.1195	88.0637

N-term:+35.07 K(10):+162.16

LQIAATELEKEESR, MH+ 1672.9122, m/z 558.3089
 L OS G26 P150811 220811-s1.03921.03921.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

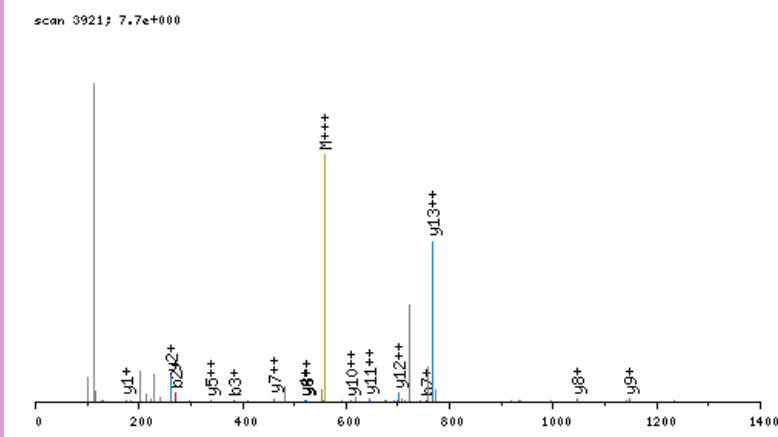
y + 2+ 3+

z + 2+ 3+

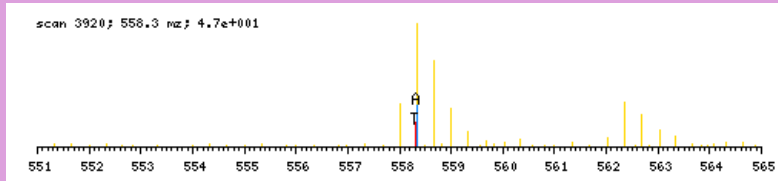
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



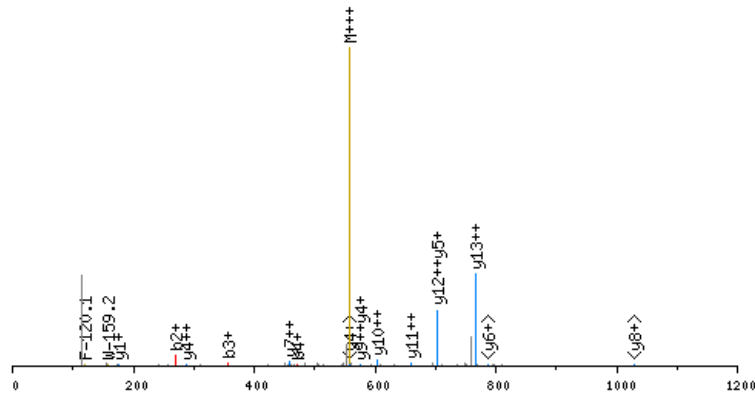
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 14		
270.1817	2	Q 13	1531.7968	766.4023
383.2658	3	I 12	1403.7382	702.3730
454.3029	4	A 11	1290.6542	645.8310
525.3400	5	A 10	1219.6171	610.3124
626.3877	6	T 9	1148.5799	574.7939
755.4303	7	E 8	1047.5323	524.2700
868.5144	8	L 7	918.4897	459.7487
997.5570	9	E 6	805.4056	403.2067
1153.6833	10	K 5	676.3630	338.6854
1282.7259	11	E 4	520.2367	260.6223
1411.7684	12	E 3	391.1941	196.1010
1498.8005	13	S 2	262.1515	131.5797
	14	R 1	175.1195	88.0637

N-term:+29.04 K(10):+156.13

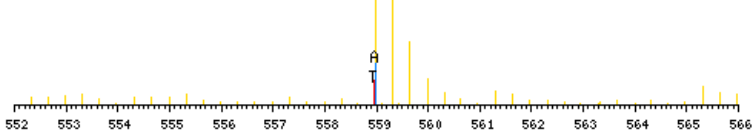
LQSIGTENTEENRR, MH+ 1674.8411, m/z 558.9519
 L OS G27 P150811 220811-s1.02248.02248.3.dta

scan 2248; 1.2e+001



click image to zoom in; click top corners to zoom out [precursor±]

scan 2247; 559.0 m/z; 1.9e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 14		
270.1817	2	Q 13	1533.7257	767.3668
357.2138	3	S 12	1405.6672	703.3375
470.2978	4	I 11	1318.6351	659.8215
527.3193	5	G 10	1205.5511	603.2794
628.3670	6	T 9	1148.5296	574.7687
757.4096	7	E 8	1047.4819	524.2449
871.4525	8	N 7	918.4393	459.7236
972.5002	9	T 6	804.3964	402.7021
1101.5428	10	E 5	703.3487	352.1783
1230.5854	11	E 4	574.3061	287.6570
1344.6283	12	N 3	445.2635	223.1357
1500.7294	13	R 2	331.2206	166.1142
	14	R 1	175.1195	88.0637

N-term:+29.04

LRELISNASDALDKIR, MH+ 1870.0762, m/z 468.2745
 L OS G28 P150811 220811-s1.07209.07209.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

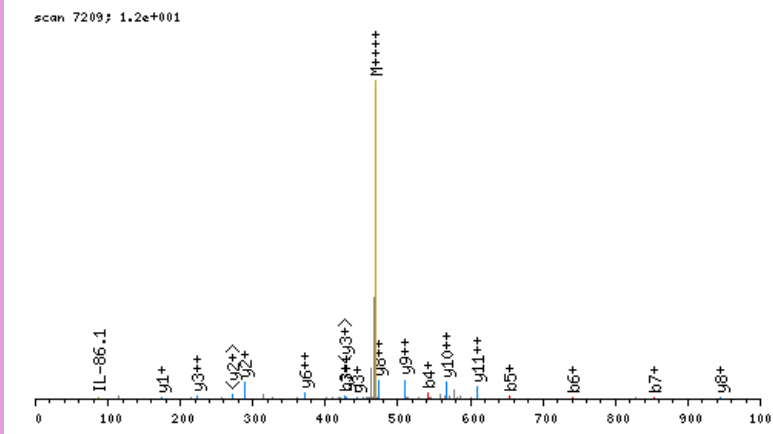
y + 2+ 3+

z + 2+ 3+

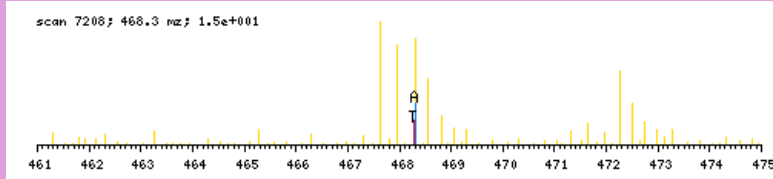
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



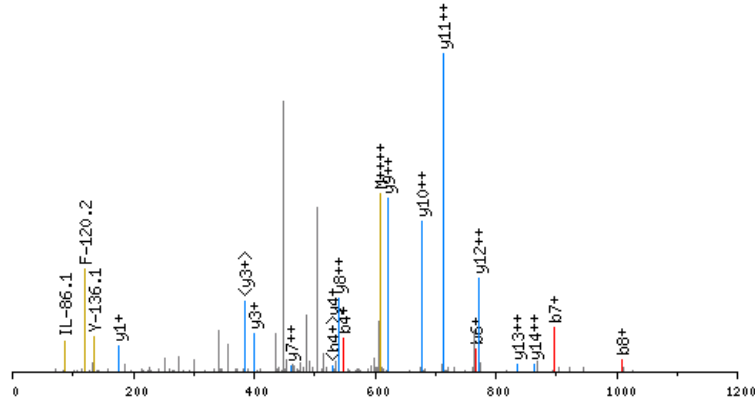
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 16		
298.2243	2	R 15	1728.9609	864.9843
427.2669	3	E 14	1572.8597	786.9338
540.3509	4	L 13	1443.8172	722.4125
653.4350	5	I 12	1330.7331	665.8705
740.4670	6	S 11	1217.6490	609.3284
854.5100	7	N 10	1130.6170	565.8124
925.5471	8	A 9	1016.5741	508.7909
1012.5791	9	S 8	945.5370	473.2724
1127.6060	10	D 7	858.5049	429.7564
1198.6432	11	A 6	743.4780	372.2429
1311.7272	12	L 5	672.4409	336.7243
1426.7542	13	D 4	559.3568	280.1823
1582.8805	14	K 3	444.3299	222.6688
1695.9645	15	I 2	288.2036	144.6057
	16	R 1	175.1195	88.0637

N-term:+29.04 K(14):+156.13

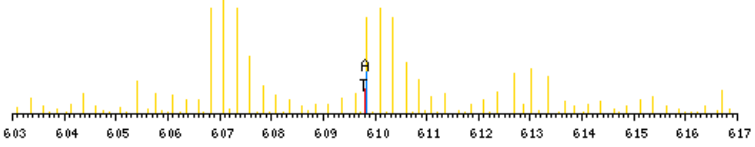
LRENYGELADCCTKQEPER, MH+ 2436.1923, m/z 609.8035
 H OS G28 P150811 220811-s1.03771.03771.4.dta

scan 3771; 1.8e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 3768; 609.8 m/z; 1.4e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

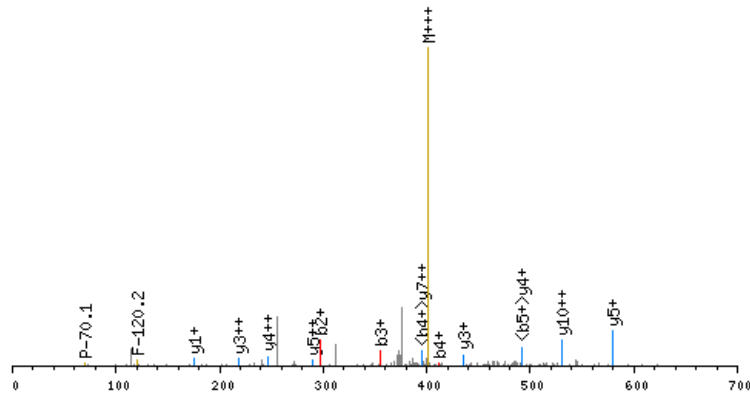
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
148.1550	1	L	19		
304.2561	2	R	18	2289.0451	1145.0265
433.2987	3	E	17	2132.9440	1066.9759
547.3416	4	N	16	2003.9014	1002.4546
710.4049	5	Y	15	1889.8585	945.4332
767.4264	6	G	14	1726.7952	863.9015
896.4690	7	E	13	1669.7737	835.3908
1009.5530	8	L	12	1540.7311	770.8695
1080.5902	9	A	11	1427.6471	714.3274
1195.6171	10	D	10	1356.6100	678.8089
1355.6477	11	C	9	1241.5830	621.2954
1515.6783	12	C	8	1081.5524	541.2801
1616.7260	13	T	7	921.5218	461.2648
1778.8841	14	K	6	820.4741	410.7410
1906.9427	15	Q	5	658.3160	329.6619
2035.9853	16	E	4	530.2575	265.6326
2133.0380	17	P	3	401.2149	201.1113
2262.0806	18	E	2	304.1621	152.5850
	19	R	1	175.1195	88.0637

N-term: +35.07 C(11): +160.03
 C(12): +160.03 K(14): +162.16

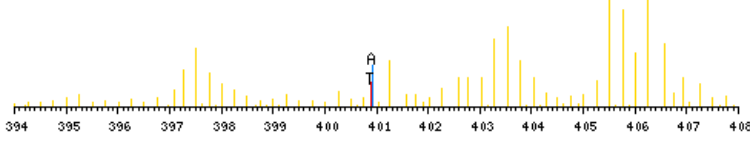
LRGGPLSGPYR, MH+ 1200.6853, m/z 400.8999
 L OS G28 P150811 220811-s1.03406.03406.3.dta

scan 3406; 3.1e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 3403; 400.9 m/z; 2.0e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 11		
298.2243	2	R 10	1059.5700	530.2889
355.2457	3	G 9	903.4688	452.2383
412.2672	4	G 8	846.4474	423.7276
509.3200	5	P 7	789.4259	395.2169
622.4040	6	L 6	692.3731	346.6905
709.4361	7	S 5	579.2891	290.1485
766.4575	8	G 4	492.2571	246.6324
863.5103	9	P 3	435.2356	218.1217
1026.5736	10	Y 2	338.1828	169.5953
	11	R 1	175.1195	88.0637

N-term:+29.04

LRPGDCEVCISYLGR, MH+ 1822.8943, m/z 608.3029
 L OS G27 P150811 220811-s1.05820.05820.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

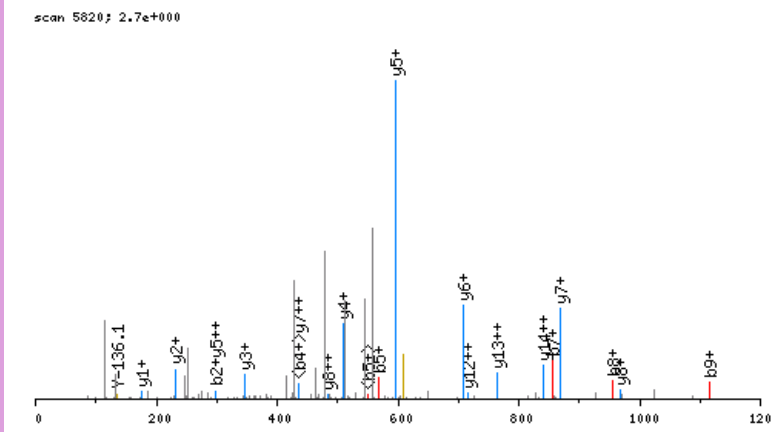
y + 2+ 3+

z + 2+ 3+

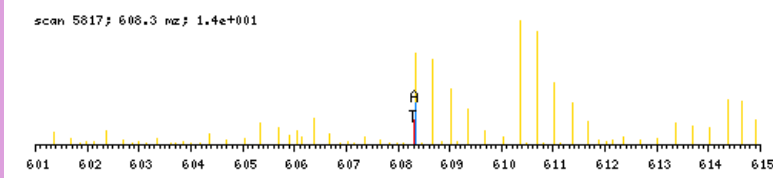
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
142.1232	1	L	15		
298.2243	2	R	14	1681.7789	841.3934
395.2770	3	P	13	1525.6778	763.3428
452.2985	4	G	12	1428.6251	714.8164
567.3254	5	D	11	1371.6036	686.3057
727.3560	6	C	10	1256.5767	628.7922
856.3986	7	E	9	1096.5461	548.7769
955.4671	8	V	8	967.5035	484.2556
1115.4977	9	C	7	868.4350	434.7214
1228.5817	10	I	6	708.4044	354.7061
1315.6137	11	S	5	595.3204	298.1641
1478.6771	12	Y	4	508.2884	254.6481
1591.7611	13	L	3	345.2250	173.1164
1648.7826	14	G	2	232.1410	116.5744
	15	R	1	175.1195	88.0637

N-term:+29.04 C(6):+160.03
 C(9):+160.03

LRPQTSEEVSQLR, MH+ 1689.9711, m/z 563.9952
 H OS G24 P150811 220811-s1.04863.04863.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

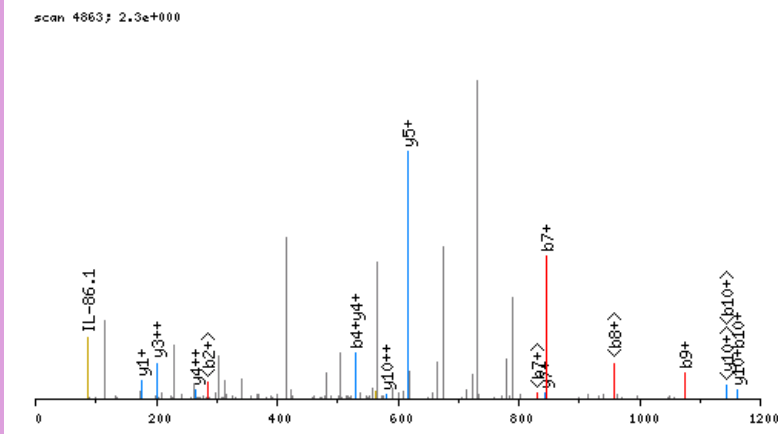
y + 2+ 3+

z + 2+ 3+

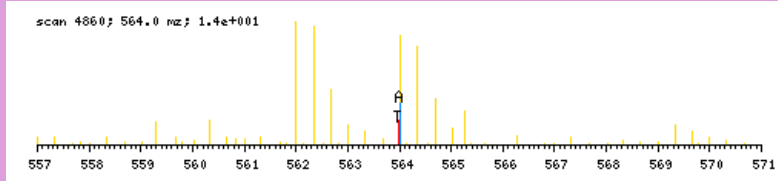
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



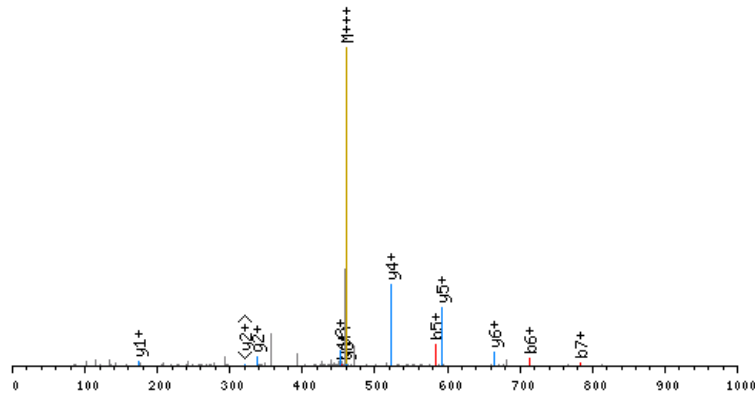
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
148.1550	1	L 14		
304.2561	2	R 13	1542.8240	771.9159
401.3088	3	P 12	1386.7229	693.8654
529.3674	4	Q 11	1289.6701	645.3390
630.4151	5	T 10	1161.6115	581.3097
717.4471	6	S 9	1060.5639	530.7858
846.4897	7	E 8	973.5318	487.2698
975.5323	8	E 7	844.4892	422.7485
1074.6007	9	V 6	715.4466	358.2272
1161.6328	10	S 5	616.3782	308.6930
1289.6913	11	Q 4	529.3462	265.1770
1402.7754	12	I 3	401.2876	201.1477
1515.8595	13	L 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+35.07

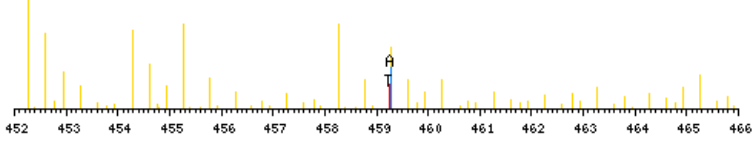
LSEPQEAALYR, MH+ 1375.7221, m/z 459.2456
 L OS G25 P150811 220811-s1.05050.05050.3.dta

scan 5050; 6.5e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 5047; 459.2 m/z; 2.2e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

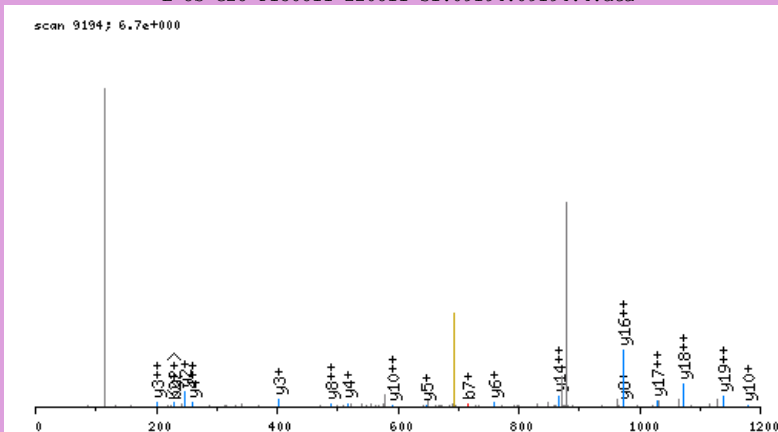
zoom 112-122

GO

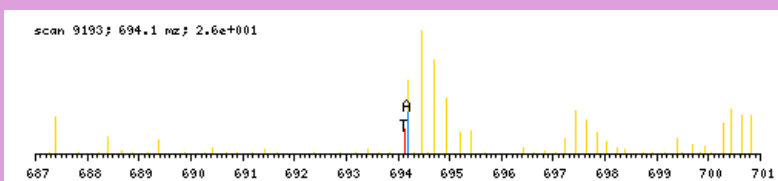
b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 12		
229.1552	2	S 11	1234.6068	617.8073
358.1978	3	E 10	1147.5748	574.2913
455.2505	4	P 9	1018.5322	509.7700
583.3091	5	Q 8	921.4794	461.2436
712.3517	6	E 7	793.4208	397.2143
783.3888	7	A 6	664.3782	332.6930
854.4259	8	A 5	593.3411	297.1745
925.4631	9	A 4	522.3040	261.6559
1038.5471	10	L 3	451.2669	226.1374
1201.6105	11	Y 2	338.1828	169.5953
	12	R 1	175.1195	88.0637

N-term:+29.04

LSGTLSEIPDKLKEFGNTLEDKAR, MH+ 2773.5352, m/z 694.1393
 L OS G28 P150811 220811-s1.09194.09194.4.dta



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 24		
229.1552	2	S 23	2632.4199	1316.7139
286.1767	3	G 22	2545.3879	1273.1978
387.2243	4	T 21	2488.3664	1244.6871
500.3084	5	L 20	2387.3187	1194.1633
629.3510	6	E 19	2274.2346	1137.6212
716.3830	7	S 18	2145.1921	1073.0999
829.4671	8	I 17	2058.1600	1029.5839
926.5198	9	P 16	1945.0760	973.0419
1041.5468	10	D 15	1848.0232	924.5155
1197.6731	11	K 14	1732.9963	867.0020
1310.7572	12	L 13	1576.8700	788.9389
1466.8835	13	K 12	1463.7859	732.3969
1595.9260	14	E 11	1307.6596	654.3337
1742.9945	15	F 10	1178.6170	589.8124
1800.0159	16	G 9	1031.5486	516.2782
1914.0589	17	N 8	974.5271	487.7675
2015.1065	18	T 7	860.4842	430.7460
2128.1906	19	L 6	759.4365	380.2222
2257.2332	20	E 5	646.3525	323.6801
2372.2601	21	D 4	517.3099	259.1588
2528.3864	22	K 3	402.2829	201.6454
2599.4235	23	A 2	246.1566	123.5822
	24	R 1	175.1195	88.0637

N-term:+29.04 K(11):+156.13
 K(13):+156.13 K(22):+156.13

LSLLQDSGEVR, MH+ 1250.7168, m/z 625.8620
 H OS G25 P150811 220811-s1.05584.05584.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

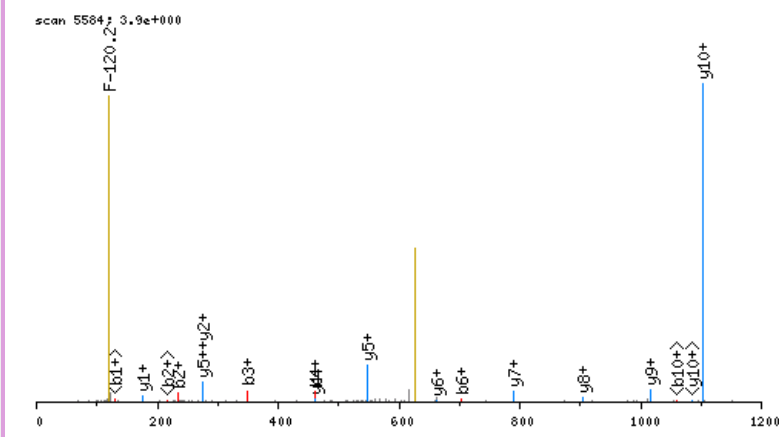
y + 2+ 3+

z + 2+ 3+

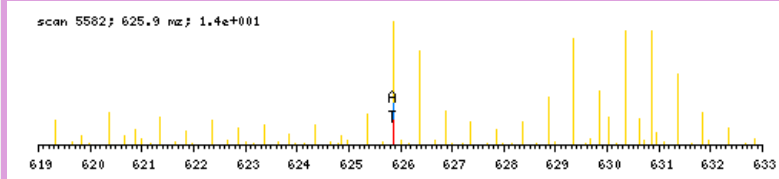
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
148.1550	1	L 11		
235.1870	2	S 10	1103.5697	552.2888
348.2711	3	L 9	1016.5376	508.7727
461.3551	4	L 8	903.4536	452.2307
589.4137	5	Q 7	790.3695	395.6887
704.4406	6	D 6	662.3109	331.6594
791.4727	7	S 5	547.2840	274.1459
848.4941	8	G 4	460.2520	230.6299
977.5367	9	E 3	403.2305	202.1192
1076.6051	10	V 2	274.1879	137.5979
	11	R 1	175.1195	88.0637

N-term:+35.07

LSTEEDSGAGPPR, MH+ 1343.6443, m/z 448.5529
 L OS G25 P150811 220811-s1.02285.02285.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

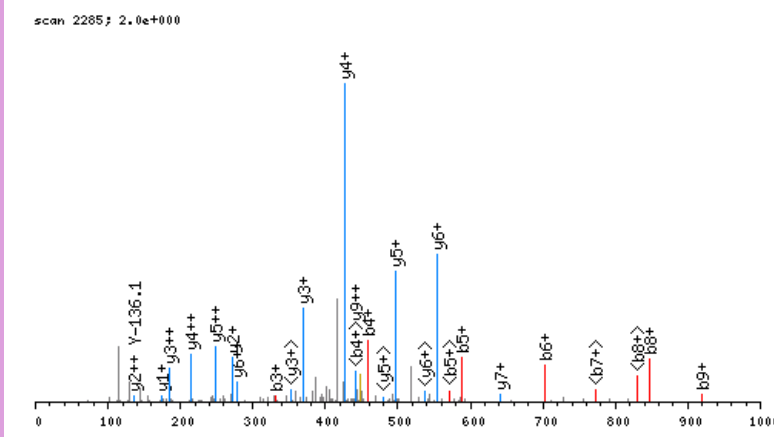
y + 2+ 3+

z + 2+ 3+

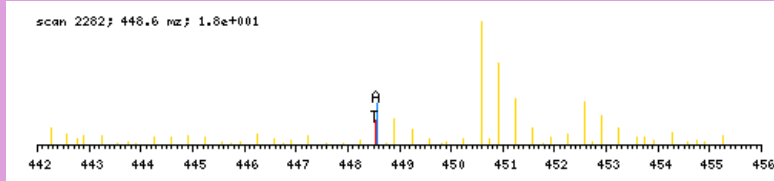
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 13		
229.1552	2	S 12	1202.5289	601.7684
330.2029	3	T 11	1115.4969	558.2524
459.2455	4	E 10	1014.4492	507.7285
588.2881	5	E 9	885.4066	443.2072
703.3150	6	D 8	756.3640	378.6859
790.3470	7	S 7	641.3371	321.1725
847.3685	8	G 6	554.3051	277.6564
918.4056	9	A 5	497.2836	249.1457
975.4271	10	G 4	426.2465	213.6272
1072.4798	11	P 3	369.2250	185.1164
1169.5326	12	P 2	272.1723	136.5900
	13	R 1	175.1195	88.0637

N-term:+29.04

LTDGDANTGESRPEKIQENVR, MH+ 2385.2010, m/z 597.0557
 L OS G28 P150811 220811-s1.02941.02941.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

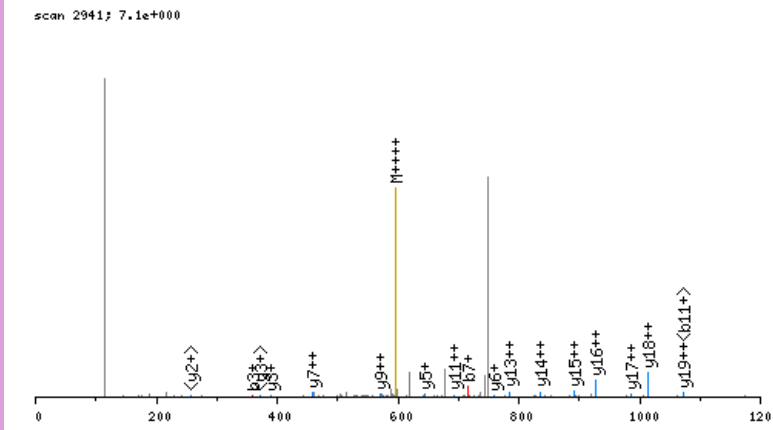
y + 2+ 3+

z + 2+ 3+

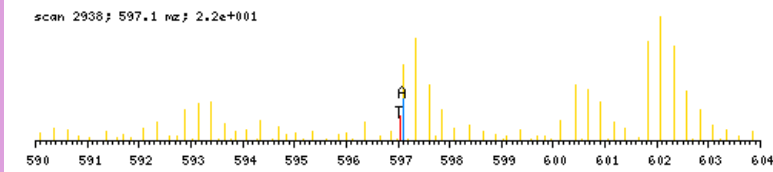
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 21		
243.1708	2	T 20	2244.0857	1122.5468
358.1978	3	D 19	2143.0380	1072.0229
415.2192	4	G 18	2028.0111	1014.5094
530.2462	5	D 17	1970.9896	985.9987
601.2833	6	A 16	1855.9627	928.4852
715.3262	7	N 15	1784.9255	892.9667
816.3739	8	T 14	1670.8826	835.9452
873.3954	9	G 13	1569.8349	785.4214
1002.4380	10	E 12	1512.8135	756.9106
1089.4700	11	S 11	1383.7709	692.3893
1245.5711	12	R 10	1296.7388	648.8733
1342.6239	13	P 9	1140.6377	570.8228
1471.6665	14	E 8	1043.5850	522.2964
1627.7928	15	K 7	914.5424	457.7751
1740.8768	16	I 6	758.4161	379.7120
1868.9354	17	Q 5	645.3320	323.1699
1997.9780	18	E 4	517.2734	259.1406
2112.0209	19	N 3	388.2308	194.6193
2211.0893	20	V 2	274.1879	137.5979
	21	R 1	175.1195	88.0637

N-term:+29.04 K(15):+156.13

LTEDEKQTMVDLHNQYR, MH+ 2176.0709, m/z 544.7732
 L OS G28 P150811 220811-s1.04784.04784.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

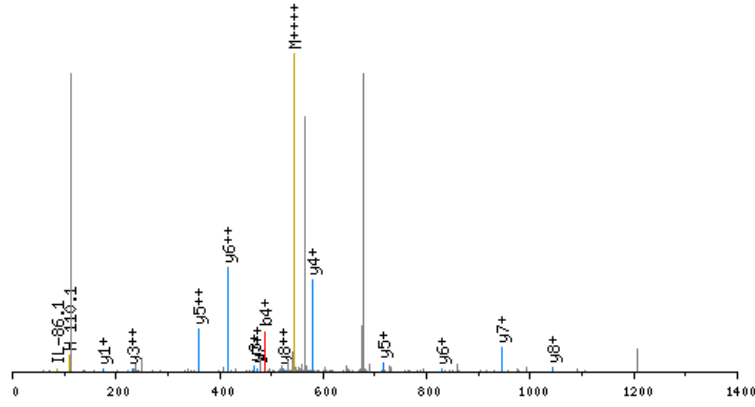
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

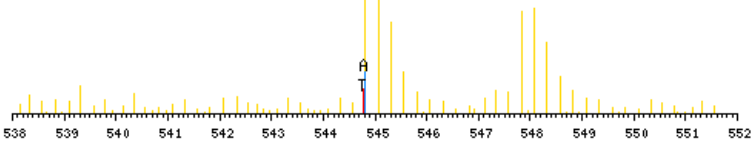
GO

scan 4784; 6.2e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4783; 544.8 mz; 2.9e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
142.1232	1	L	17		
243.1708	2	T	16	2034.9555	1017.9817
372.2134	3	E	15	1933.9078	967.4578
487.2404	4	D	14	1804.8652	902.9365
616.2830	5	E	13	1689.8383	845.4231
772.4093	6	K	12	1560.7957	780.9018
900.4678	7	Q	11	1404.6694	702.8386
1001.5155	8	T	10	1276.6108	638.8093
1132.5560	9	M	9	1175.5632	588.2855
1231.6244	10	V	8	1044.5227	522.7652
1346.6514	11	D	7	945.4543	473.2310
1459.7354	12	L	6	830.4273	415.7176
1596.7943	13	H	5	717.3432	359.1755
1710.8373	14	N	4	580.2843	290.6461
1838.8959	15	Q	3	466.2414	233.6246
2001.9592	16	Y	2	338.1828	169.5953
	17	R	1	175.1195	88.0637

N-term:+29.04 K(6):+156.13

LTIEQLLEKR, MH+ 1298.8048, m/z 433.6064
 L OS G27 P150811 220811-s1.07114.07114.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

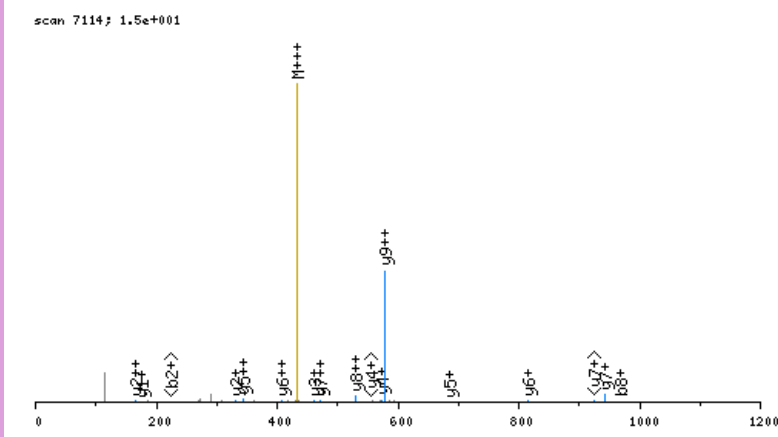
y + 2+ 3+

z + 2+ 3+

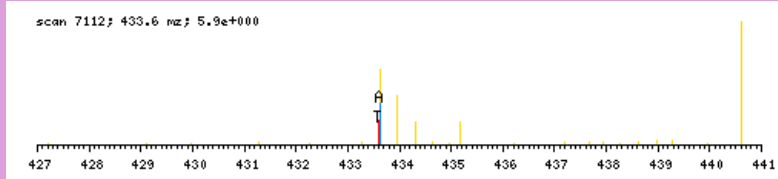
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L	10	
243.1708	2	T	9	1157.6894 579.3486
356.2549	3	I	8	1056.6418 528.8248
485.2975	4	E	7	943.5577 472.2828
613.3561	5	Q	6	814.5151 407.7615
726.4401	6	L	5	686.4565 343.7322
839.5242	7	L	4	573.3725 287.1901
968.5668	8	E	3	460.2884 230.6481
1124.6931	9	K	2	331.2458 166.1268
	10	R	1	175.1195 88.0637

N-term:+29.04 K(9):+156.13

LVDGSSSLGPSNFNAIR, MH+ 1761.9135, m/z 587.9760
 L OS G25 P150811 220811-s1.06201.06201.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

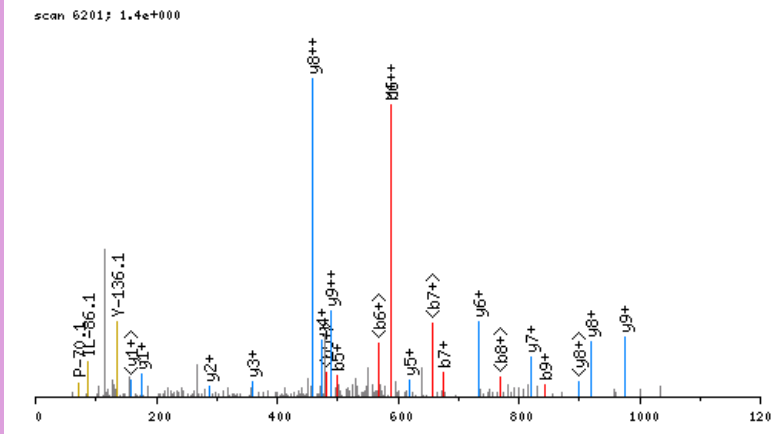
y + 2+ 3+

z + 2+ 3+

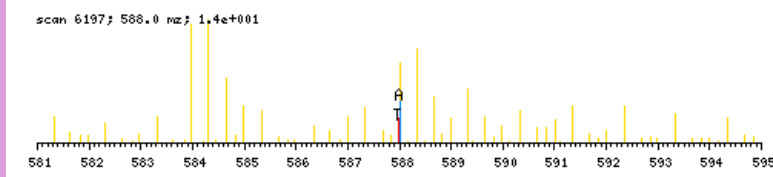
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 17		
241.1916	2	V 16	1620.7982	810.9030
356.2185	3	D 15	1521.7298	761.3688
413.2400	4	G 14	1406.7028	703.8553
500.2720	5	S 13	1349.6814	675.3446
587.3040	6	S 12	1262.6493	631.8286
674.3361	7	S 11	1175.6173	588.3126
787.4201	8	L 10	1088.5853	544.7965
844.4416	9	G 9	975.5012	488.2545
941.4944	10	P 8	918.4797	459.7438
1028.5264	11	S 7	821.4270	411.2174
1142.5693	12	N 6	734.3949	367.7014
1289.6377	13	F 5	620.3520	310.6799
1403.6807	14	N 4	473.2836	237.1457
1474.7178	15	A 3	359.2407	180.1243
1587.8018	16	I 2	288.2036	144.6057
	17	R 1	175.1195	88.0637

N-term:+29.04

LVKAGFAGDDAPR, MH+ 1384.8225, m/z 462.2790
 H OS G27 P150811 220811-s1.02944.02944.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

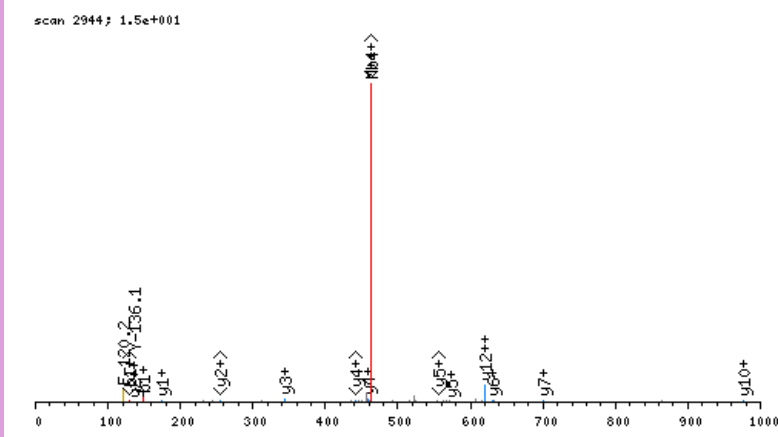
y + 2+ 3+

z + 2+ 3+

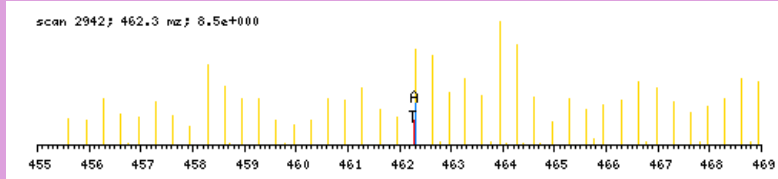
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
148.1550	1	L 13		
247.2234	2	V 12	1237.6753	619.3416
409.3815	3	K 11	1138.6069	569.8074
480.4186	4	A 10	976.4488	488.7283
537.4401	5	G 9	905.4117	453.2098
684.5085	6	F 8	848.3903	424.6990
755.5456	7	A 7	701.3218	351.1648
812.5670	8	G 6	630.2847	315.6463
927.5940	9	D 5	573.2633	287.1355
1042.6209	10	D 4	458.2363	229.6221
1113.6580	11	A 3	343.2094	172.1086
1210.7108	12	P 2	272.1723	136.5900
	13	R 1	175.1195	88.0637

N-term:+35.07 K(3):+162.16

LVKIPSEQEQLR, MH+ 1495.8848, m/z 499.2998
 L OS G27 P150811 220811-s1.04039.04039.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

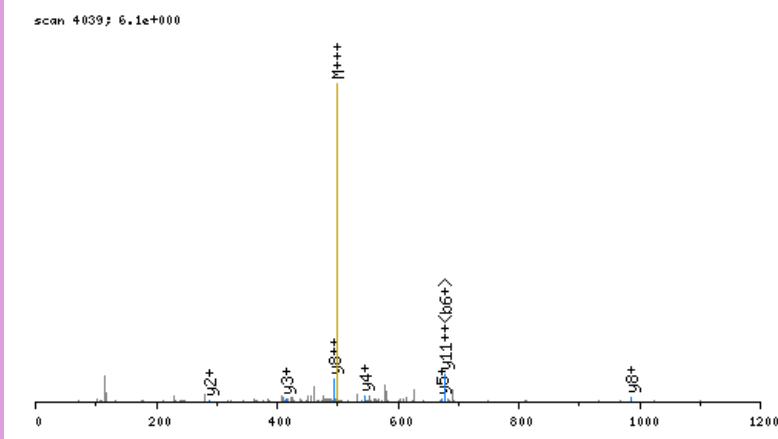
y + 2+ 3+

z + 2+ 3+

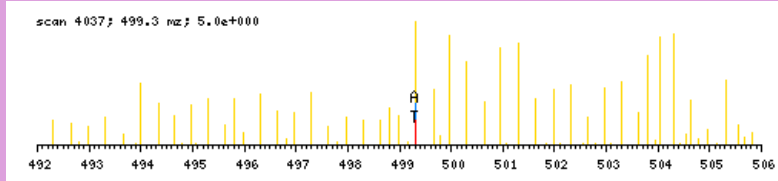
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



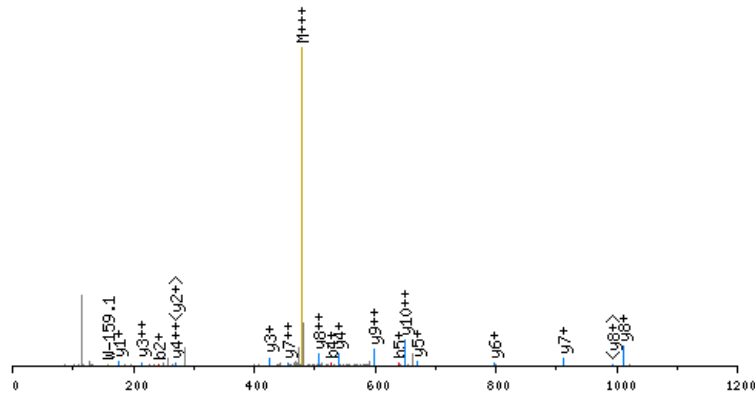
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 12		
241.1916	2	V 11	1354.7695	677.8887
397.3179	3	K 10	1255.7011	628.3544
510.4019	4	I 9	1099.5748	550.2913
607.4547	5	P 8	986.4907	493.7493
694.4867	6	S 7	889.4379	445.2229
823.5293	7	E 6	802.4059	401.7069
951.5879	8	Q 5	673.3633	337.1856
1080.6305	9	E 4	545.3047	273.1563
1208.6891	10	Q 3	416.2621	208.6350
1321.7731	11	L 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+29.04 K(3):+156.13

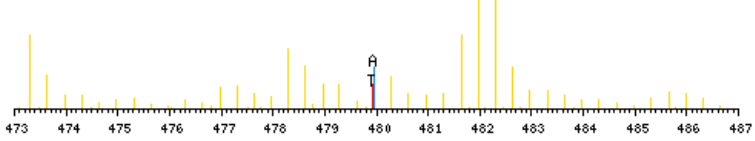
LVVWNEEDHLR, MH+ 1437.7490, m/z 479.9212
 L OS G27 P150811 220811-s1.05304.05304.3.dta

scan 5304; 6.5e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5302; 479.9 m/z; 2.8e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 11		
241.1916	2	V 10	1296.6337	648.8207
427.2709	3	W 9	1197.5653	599.2865
526.3393	4	V 8	1011.4859	506.2469
640.3822	5	N 7	912.4175	456.7127
769.4248	6	E 6	798.3746	399.6912
898.4674	7	E 5	669.3320	335.1699
1013.4944	8	D 4	540.2894	270.6486
1150.5533	9	H 3	425.2625	213.1352
1263.6373	10	L 2	288.2036	144.6057
	11	R 1	175.1195	88.0637

N-term:+29.04

LVYDQELLGPSDKSEALR, MH+ 2172.2188, m/z 724.7445
 H OS G26 P150811 220811-s1.05162.05162.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

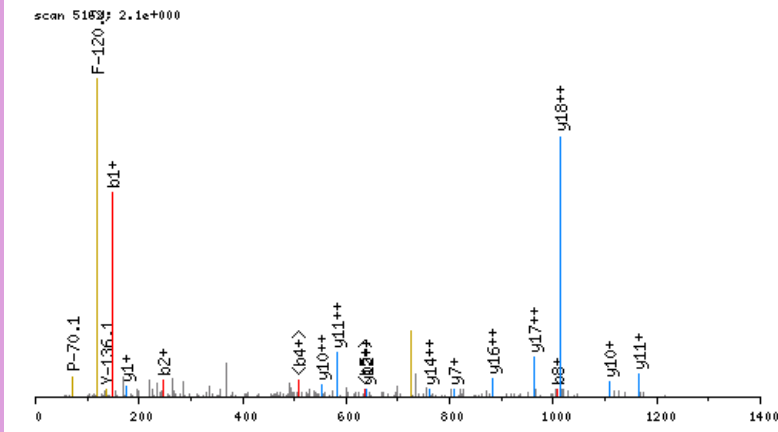
y + 2+ 3+

z + 2+ 3+

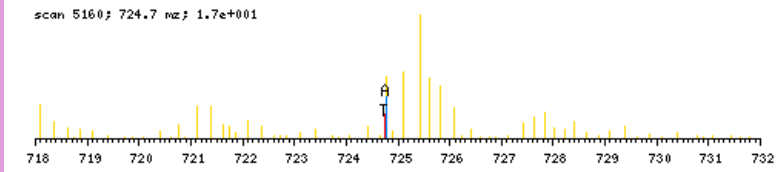
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
148.1550	1	L	19		
247.2234	2	V	18	2025.0717	1013.0398
410.2867	3	Y	17	1926.0033	963.5056
525.3136	4	D	16	1762.9400	881.9739
653.3722	5	Q	15	1647.9130	824.4604
782.4148	6	E	14	1519.8544	760.4311
895.4989	7	L	13	1390.8118	695.9098
1008.5829	8	L	12	1277.7278	639.3678
1065.6044	9	G	11	1164.6437	582.8258
1162.6572	10	P	10	1107.6222	554.3150
1249.6892	11	S	9	1010.5695	505.7887
1364.7161	12	D	8	923.5375	462.2726
1526.8742	13	K	7	808.5105	404.7592
1613.9063	14	S	6	646.3524	323.6801
1742.9489	15	E	5	559.3204	280.1641
1813.9860	16	A	4	430.2778	215.6428
1885.0231	17	A	3	359.2407	180.1243
1998.1072	18	L	2	288.2036	144.6057
	19	R	1	175.1195	88.0637

N-term:+35.07 K(13):+162.16

LYMEKNQLEEVPSALPR, MH+ 2073.1054, m/z 691.7067
 L OS G26 P150811 220811-s1.05244.05244.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

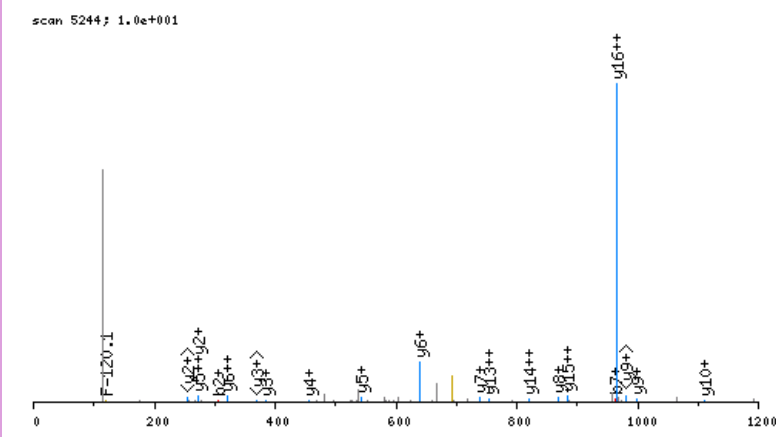
y + 2+ 3+

z + 2+ 3+

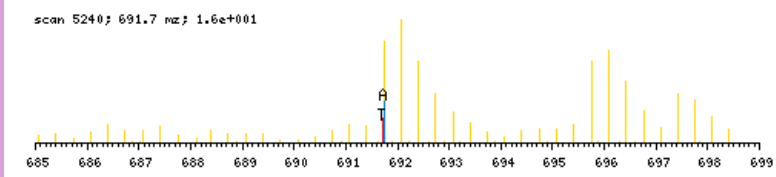
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 17		
305.1865	2	Y 16	1931.9901	966.4990
436.2270	3	M 15	1768.9268	884.9673
565.2696	4	E 14	1637.8863	819.4471
721.3959	5	K 13	1508.8437	754.9258
835.4388	6	N 12	1352.7174	676.8626
963.4974	7	Q 11	1238.6745	619.8412
1076.5814	8	L 10	1110.6159	555.8119
1205.6240	9	E 9	997.5318	499.2698
1334.6666	10	E 8	868.4892	434.7485
1433.7350	11	V 7	739.4466	370.2272
1530.7878	12	P 6	640.3782	320.6930
1617.8198	13	S 5	543.3255	272.1666
1688.8569	14	A 4	456.2934	228.6506
1801.9410	15	L 3	385.2563	193.1321
1898.9938	16	P 2	272.1723	136.5900
	17	R 1	175.1195	88.0637

N-term:+29.04 K(5):+156.13

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

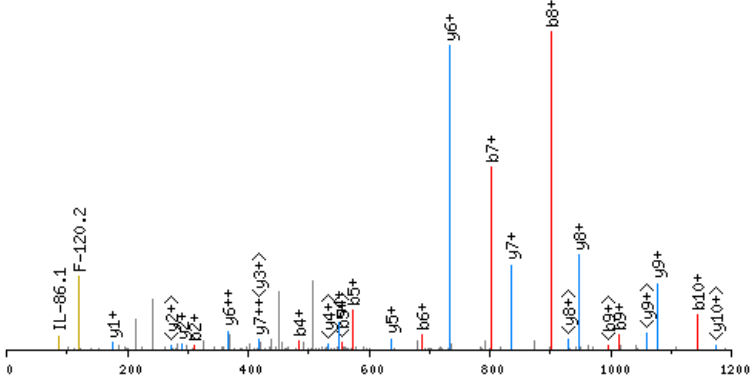
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

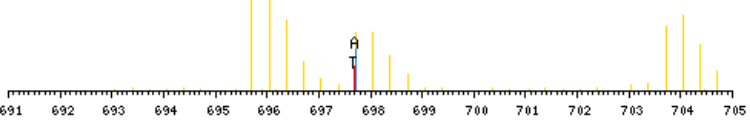
GO

scan 4368; 2.9e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4367; 697.7 m/z; 1.3e+001



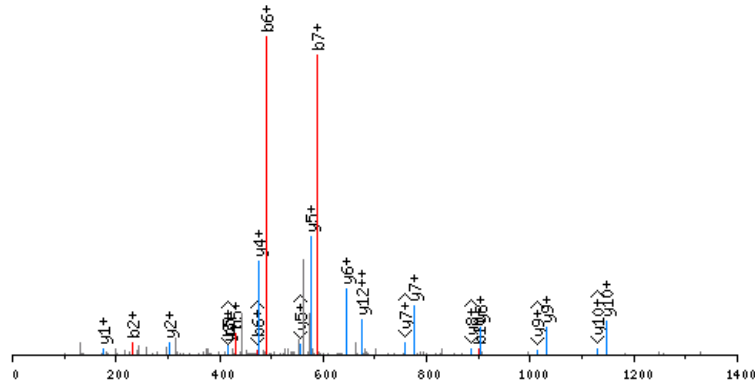
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
148.1550	1	L	18		
311.2183	2	Y	17	1943.8987	972.4533
398.2503	3	S	16	1780.8353	890.9216
485.2823	4	S	15	1693.8033	847.4056
572.3144	5	S	14	1606.7713	803.8896
687.3413	6	D	13	1519.7393	760.3735
802.3683	7	D	12	1404.7123	702.8601
901.4367	8	V	11	1289.6854	645.3466
1014.5207	9	I	10	1190.6170	595.8124
1143.5633	10	E	9	1077.5329	539.2704
1256.6474	11	L	8	948.4903	474.7491
1357.6951	12	T	7	835.4062	418.2070
1454.7478	13	P	6	734.3586	367.6832
1541.7799	14	S	5	637.3058	319.1568
1655.8228	15	N	4	550.2738	275.6408
1802.8912	16	F	3	436.2308	218.6193
1916.9341	17	N	2	289.1624	145.0851
	18	R	1	175.1195	88.0637

N-term:+35.07

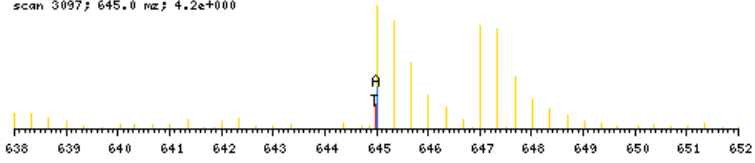
MASGGVPTDEEQATGLER, MH+ 1932.8973, m/z 644.9706
 L OS G24 P150811 220811-s1.03098.03098.3.dta

scan 3098; 3.1e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 3097; 645.0 m/z; 4.2e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
160.0796	1	M 19		
231.1167	2	A 18	1773.8255	887.4167
318.1487	3	S 17	1702.7884	851.8981
375.1702	4	G 16	1615.7564	808.3821
432.1917	5	G 15	1558.7349	779.8714
489.2131	6	G 14	1501.7134	751.3606
588.2815	7	V 13	1444.6920	722.8499
685.3343	8	P 12	1345.6236	673.3157
786.3820	9	T 11	1248.5708	624.7893
901.4089	10	D 10	1147.5231	574.2655
1030.4515	11	E 9	1032.4962	516.7520
1159.4941	12	E 8	903.4536	452.2307
1287.5527	13	Q 7	774.4110	387.7094
1358.5898	14	A 6	646.3524	323.6801
1459.6375	15	T 5	575.3153	288.1616
1516.6589	16	G 4	474.2676	237.6377
1629.7430	17	L 3	417.2462	209.1270
1758.7856	18	E 2	304.1621	152.5850
	19	R 1	175.1195	88.0637

N-term:+29.04

MDESNVLDSGFLEK, MH+ 1639.7637, m/z 547.2594
 L OS G25 P150811 220811-s1.07481.07481.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

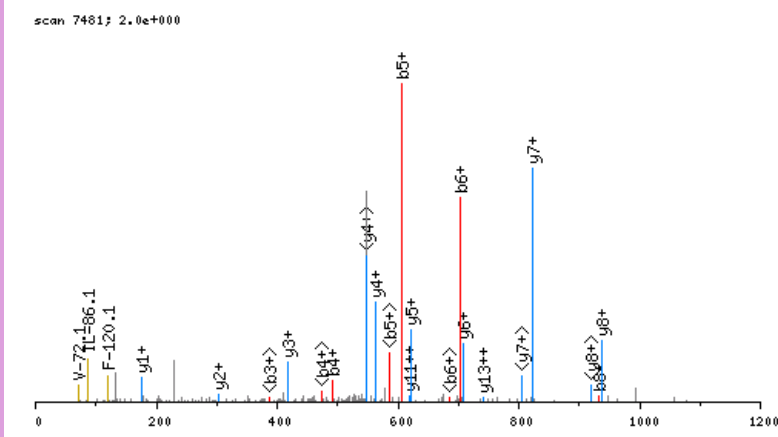
y + 2+ 3+

z + 2+ 3+

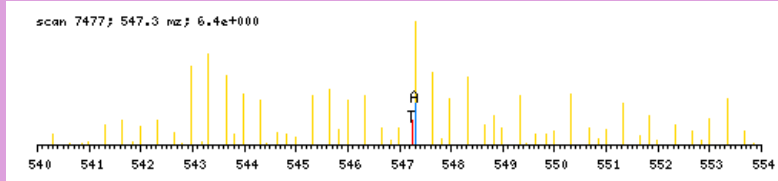
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
160.0796	1	M 14		
275.1065	2	D 13	1480.6920	740.8499
404.1491	3	E 12	1365.6650	683.3364
491.1811	4	S 11	1236.6224	618.8151
605.2241	5	N 10	1149.5904	575.2991
704.2925	6	V 9	1035.5475	518.2777
817.3766	7	L 8	936.4791	468.7434
932.4035	8	D 7	823.3950	412.2014
1019.4355	9	S 6	708.3681	354.6879
1076.4570	10	G 5	621.3360	311.1719
1223.5254	11	F 4	564.3146	282.6612
1336.6095	12	L 3	417.2462	209.1270
1465.6521	13	E 2	304.1621	152.5850
	14	R 1	175.1195	88.0637

N-term:+29.04

MDVLAQEVALLEK, MH+ 1670.9767, m/z 557.6638
 L OS G26 P150811 220811-s1.06644.06644.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

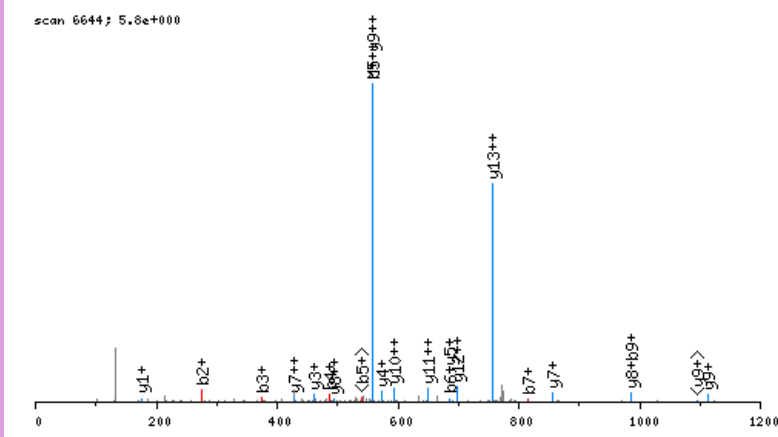
y + 2+ 3+

z + 2+ 3+

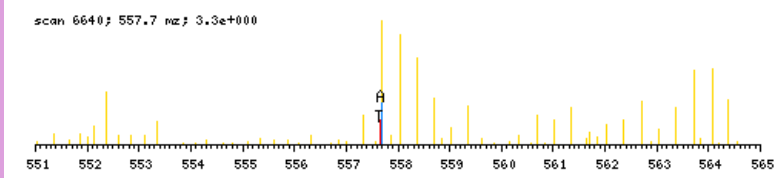
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
160.0796	1	M	14		
275.1065	2	D	13	1511.9049	756.4564
374.1749	3	V	12	1396.8780	698.9429
487.2590	4	L	11	1297.8096	649.4087
558.2961	5	A	10	1184.7255	592.8667
686.3547	6	Q	9	1113.6884	557.3481
815.3973	7	E	8	985.6298	493.3188
914.4657	8	V	7	856.5872	428.7975
985.5028	9	A	6	757.5188	379.2633
1098.5869	10	L	5	686.4817	343.7448
1211.6709	11	L	4	573.3976	287.2027
1367.7972	12	K	3	460.3136	230.6607
1496.8398	13	E	2	304.1873	152.5976
	14	K	1	175.1447	88.0763

N-term:+29.04 K(12):+156.13
 K(14):+156.13

MEKNQLEEVPSALPR, MH+ 1809.0217, m/z 603.6787
 H OS G26 P150811 220811-s1.04244.04244.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

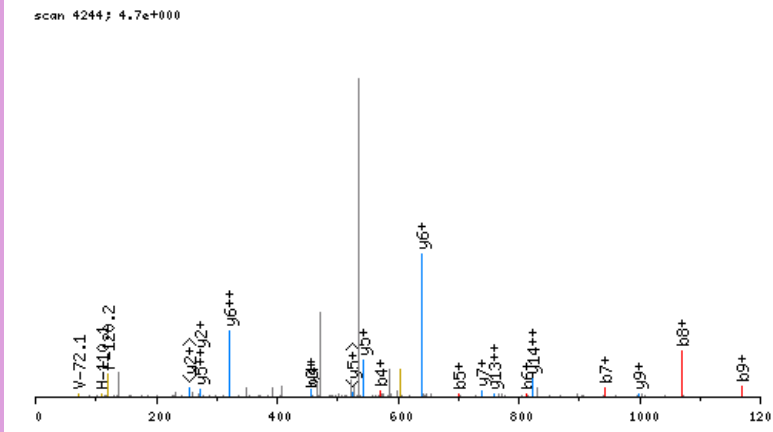
y + 2+ 3+

z + 2+ 3+

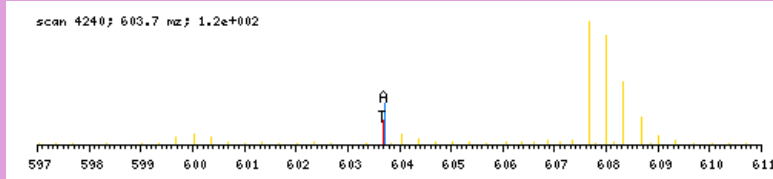
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
166.1114	1	M 15		
295.1540	2	E 14	1643.9181	822.4630
457.3121	3	K 13	1514.8755	757.9417
571.3550	4	N 12	1352.7174	676.8626
699.4136	5	Q 11	1238.6745	619.8412
812.4976	6	L 10	1110.6159	555.8119
941.5402	7	E 9	997.5318	499.2698
1070.5828	8	E 8	868.4892	434.7485
1169.6512	9	V 7	739.4466	370.2272
1266.7040	10	P 6	640.3782	320.6930
1353.7360	11	S 5	543.3255	272.1666
1424.7732	12	A 4	456.2934	228.6506
1537.8572	13	L 3	385.2563	193.1321
1634.9100	14	P 2	272.1723	136.5900
	15	R 1	175.1195	88.0637

N-term:+35.07 K(3):+162.16

MFDTPEQESPVKSPVVR, MH+ 1870.9737, m/z 624.3294
 L OS G26 P150811 220811-s1.03593.03593.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

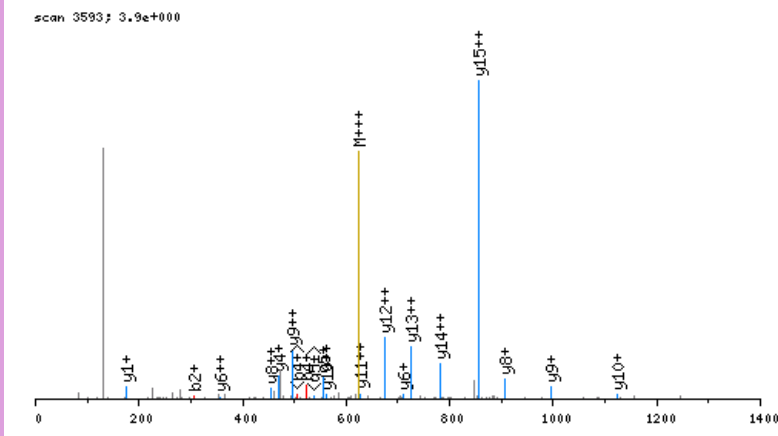
y + 2+ 3+

z + 2+ 3+

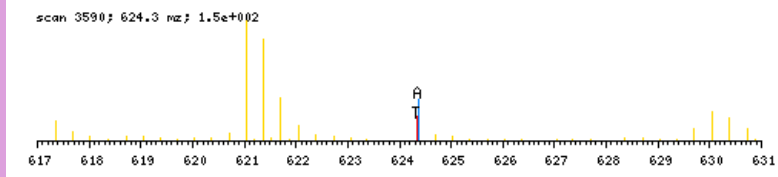
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
160.0796	1	M 16		
307.1480	2	F 15	1711.9019	856.4549
422.1749	3	D 14	1564.8335	782.9207
523.2226	4	T 13	1449.8066	725.4072
620.2754	5	P 12	1348.7589	674.8834
748.3340	6	Q 11	1251.7061	626.3570
877.3766	7	E 10	1123.6476	562.3277
964.4086	8	S 9	994.6050	497.8064
1061.4613	9	P 8	907.5729	454.2904
1160.5298	10	V 7	810.5202	405.7640
1316.6561	11	K 6	711.4518	356.2298
1403.6881	12	S 5	555.3255	278.1666
1500.7409	13	P 4	468.2934	234.6506
1597.7936	14	P 3	371.2407	186.1243
1696.8620	15	V 2	274.1879	137.5979
	16	R 1	175.1195	88.0637

N-term:+29.04 K(11):+156.13

MFSNQGVCTLEIR, MH+ 1582.7721, m/z 528.2622
 L OS G25 P150811 220811-s1.06046.06046.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

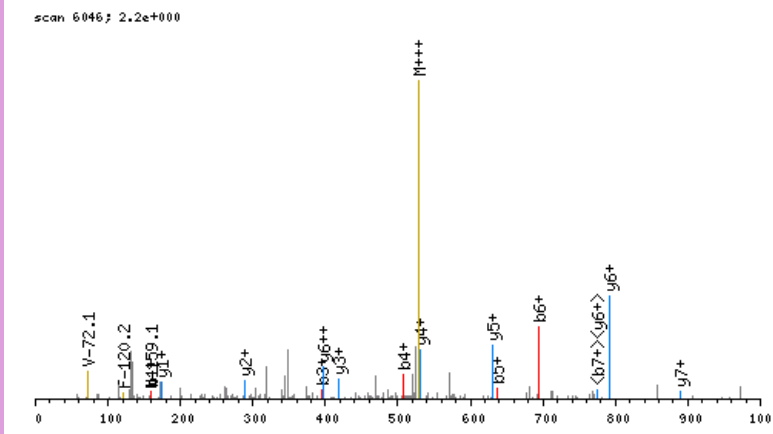
y + 2+ 3+

z + 2+ 3+

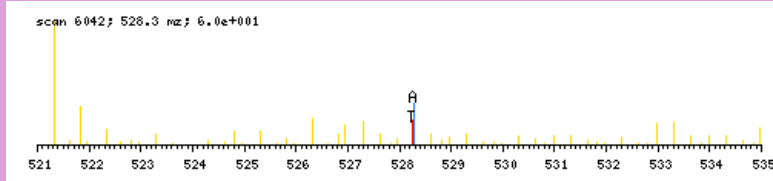
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
160.0796	1	M 13		
307.1480	2	F 12	1423.7003	712.3541
394.1800	3	S 11	1276.6319	638.8199
508.2230	4	N 10	1189.5999	595.3039
636.2815	5	Q 9	1075.5570	538.2824
693.3030	6	G 8	947.4984	474.2531
792.3714	7	V 7	890.4769	445.7424
952.4020	8	C 6	791.4085	396.2082
1053.4497	9	T 5	631.3779	316.1929
1166.5338	10	L 4	530.3302	265.6690
1295.5763	11	E 3	417.2462	209.1270
1408.6604	12	I 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+29.04 C(8):+160.03

MGQKDCYVGDEAQSQR, MH+ 1974.0273, m/z 494.2623
 H OS G28 P150811 220811-s1.01829.01829.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

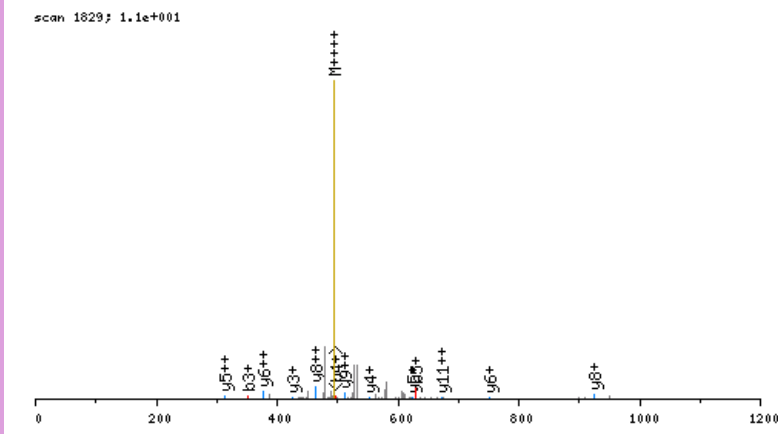
y + 2+ 3+

z + 2+ 3+

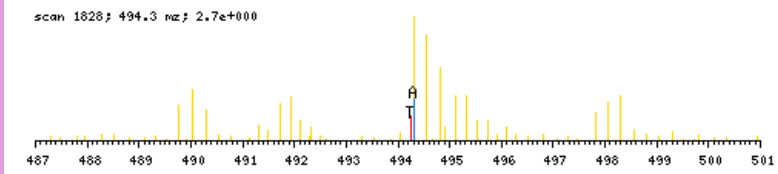
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
166.1114	1	M	16		
223.1328	2	G	15	1808.9237	904.9658
351.1914	3	Q	14	1751.9023	876.4551
513.3495	4	K	13	1623.8437	812.4258
628.3765	5	D	12	1461.6856	731.3467
788.4071	6	C	11	1346.6587	673.8332
951.4704	7	Y	10	1186.6281	593.8179
1050.5388	8	V	9	1023.5647	512.2863
1107.5603	9	G	8	924.4963	462.7521
1222.5872	10	D	7	867.4749	434.2413
1351.6298	11	E	6	752.4479	376.7279
1422.6669	12	A	5	623.4053	312.2066
1550.7255	13	Q	4	552.3682	276.6880
1637.7575	14	S	3	424.3096	212.6587
1799.9156	15	K	2	337.2776	169.1427
	16	R	1	175.1195	88.0637

N-term:+35.07 K(4):+162.16
 C(6):+160.03 K(15):+162.16

MGQKDSYVGDEAQSQR, MH+ 1882.9333, m/z 471.4888
 L OS G28 P150811 220811-s1.02045.02045.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

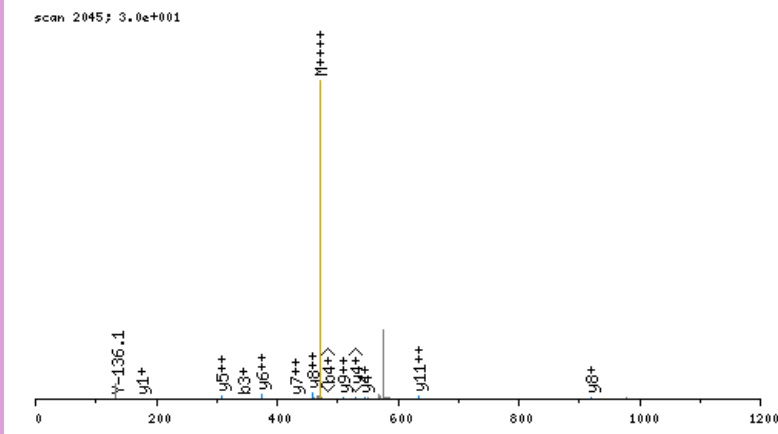
y + 2+ 3+

z + 2+ 3+

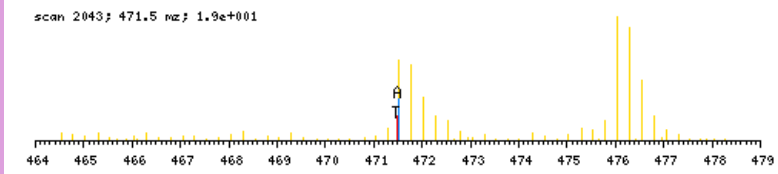
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
160.0796	1	M	16		
217.1010	2	G	15	1723.8616	862.4347
345.1596	3	Q	14	1666.8401	833.9240
501.2859	4	K	13	1538.7815	769.8947
616.3129	5	D	12	1382.6552	691.8315
703.3449	6	S	11	1267.6283	634.3181
866.4082	7	Y	10	1180.5963	590.8020
965.4766	8	V	9	1017.5329	509.2704
1022.4981	9	G	8	918.4645	459.7362
1137.5250	10	D	7	861.4431	431.2254
1266.5676	11	E	6	746.4161	373.7120
1337.6048	12	A	5	617.3735	309.1907
1465.6633	13	Q	4	546.3364	273.6721
1552.6954	14	S	3	418.2778	209.6428
1708.8217	15	K	2	331.2458	166.1268
	16	R	1	175.1195	88.0637

N-term:+29.04 K(4):+156.13
 K(15):+156.13

MIECVLLGVMAAYDR, MH+ 1703.8746, m/z 568.6297
 H OS G27 P150811 220811-s1.01986.01986.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

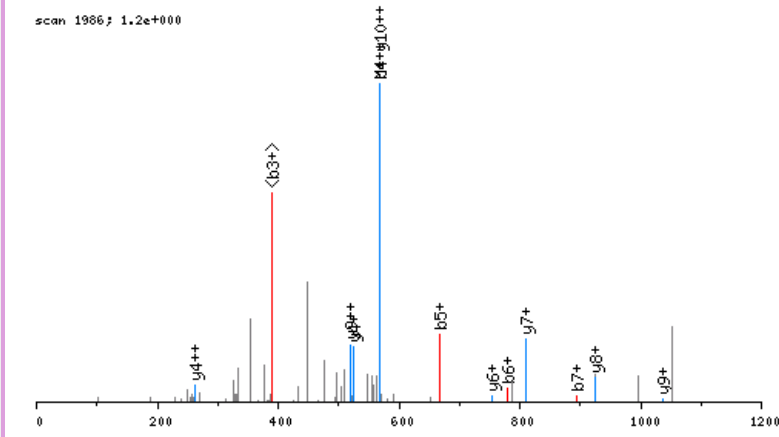
y + 2+ 3+

z + 2+ 3+

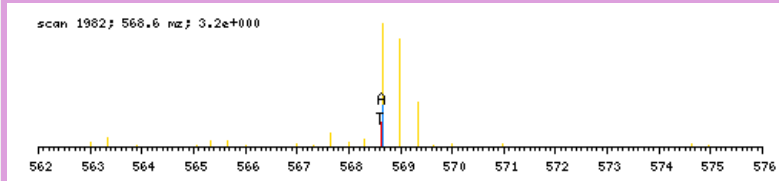
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



b ⁺	#	AA #	y ⁺	y ²⁺
166.1114	1	M	14	
279.1954	2	I	13	1538.7710 769.8894
408.2380	3	E	12	1425.6870 713.3474
568.2686	4	C	11	1296.6444 648.8261
667.3371	5	V	10	1136.6138 568.8108
780.4211	6	L	9	1037.5454 519.2766
893.5052	7	L	8	924.4613 462.7346
950.5266	8	G	7	811.3772 406.1925
1049.5951	9	V	6	754.3558 377.6818
1180.6355	10	M	5	655.2874 328.1476
1251.6727	11	A	4	524.2469 262.6274
1414.7360	12	Y	3	453.2098 227.1088
1529.7629	13	D	2	290.1464 145.5771
	14	R	1	175.1195 88.0637

N-term:+35.07 C(4):+160.03

MKCSSMQKFGER, MH+ 1572.7701, m/z 393.9480
 L OS G28 P150811 220811-s1.02259.02259.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

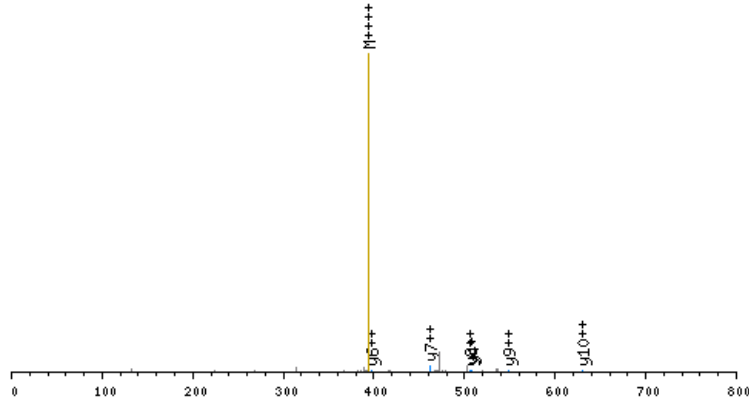
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

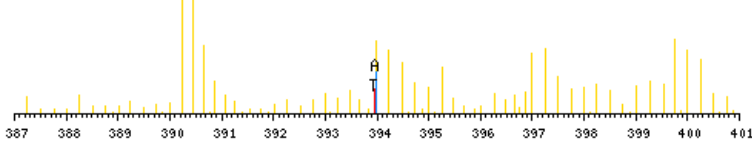
GO

scan 2259; 2.2e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2258; 393.9 mz; 7.5e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
160.0796	1	M	12		
316.2059	2	K	11	1413.6983	707.3531
476.2365	3	C	10	1257.5720	629.2899
563.2685	4	S	9	1097.5414	549.2746
650.3005	5	S	8	1010.5094	505.7586
781.3410	6	M	7	923.4773	462.2426
909.3996	7	Q	6	792.4368	396.7223
1065.5259	8	K	5	664.3783	332.6930
1212.5943	9	F	4	508.2520	254.6299
1269.6158	10	G	3	361.1836	181.0957
1398.6584	11	E	2	304.1621	152.5850
	12	R	1	175.1195	88.0637

N-term:+29.04 K(2):+156.13
 C(3):+160.03 K(8):+156.13

MKVFVTGPLPAEGR, MH+ 1569.9463, m/z 523.9870
 H OS G27 P150811 220811-s1.05643.05643.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

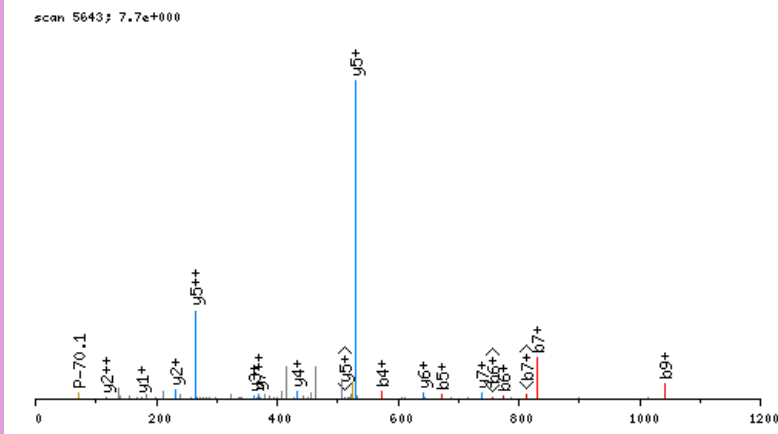
y + 2+ 3+

z + 2+ 3+

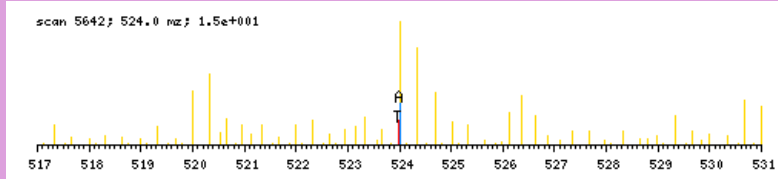
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



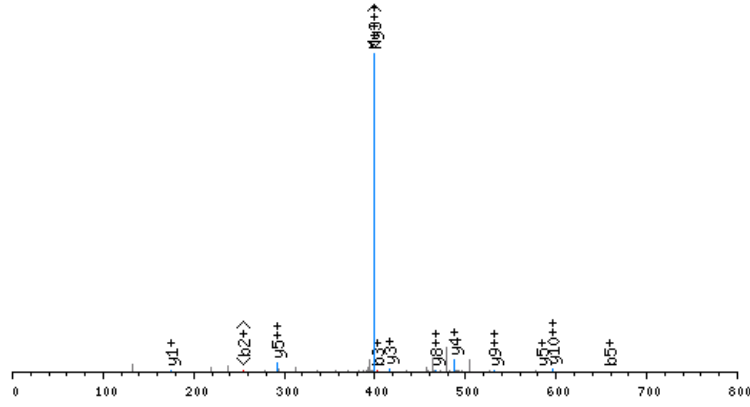
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
166.1114	1	M 14		
328.2695	2	K 13	1404.8427	702.9253
427.3379	3	V 12	1242.6846	621.8462
574.4063	4	F 11	1143.6162	572.3120
673.4747	5	V 10	996.5478	498.7778
774.5224	6	T 9	897.4794	449.2436
831.5439	7	G 8	796.4317	398.7198
928.5966	8	P 7	739.4103	370.2090
1041.6807	9	L 6	642.3575	321.6827
1138.7335	10	P 5	529.2734	265.1406
1209.7706	11	A 4	432.2207	216.6142
1338.8132	12	E 3	361.1836	181.0957
1395.8346	13	G 2	232.1410	116.5744
	14	R 1	175.1195	88.0637

N-term:+35.07 K(2):+162.16

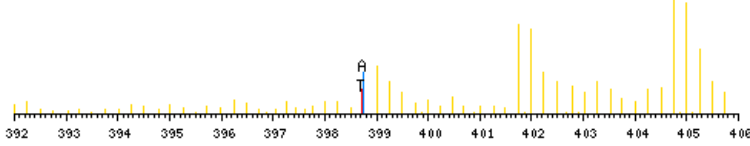
MLQQEGKHPAQLR, MH+ 1591.8743, m/z 398.7240
 L OS G28 P150811 220811-s1.02027.02027.4.dta

scan 2027; 1.2e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2023; 398.7 m/z; 7.2e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

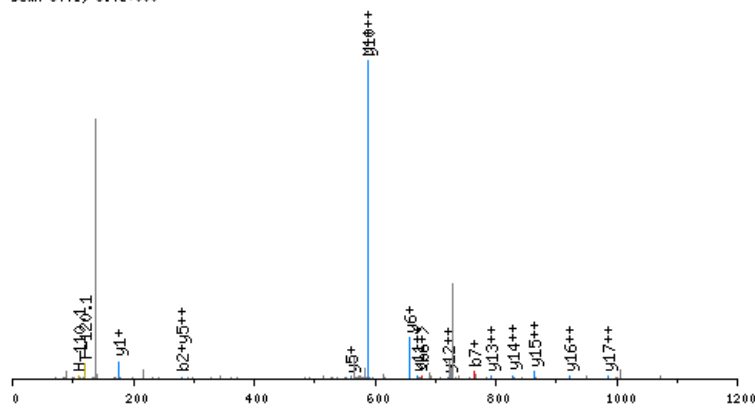
GO

b ⁺	#	AA #	y ⁺	y ²⁺
160.0796	1	M 13		
273.1636	2	L 12	1432.8025	716.9052
401.2222	3	Q 11	1319.7184	660.3631
529.2808	4	Q 10	1191.6599	596.3338
658.3234	5	E 9	1063.6013	532.3046
715.3449	6	G 8	934.5587	467.7833
871.4712	7	K 7	877.5372	439.2725
1008.5301	8	H 6	721.4109	361.2094
1105.5828	9	P 5	584.3520	292.6799
1176.6200	10	A 4	487.2993	244.1535
1304.6785	11	Q 3	416.2621	208.6350
1417.7626	12	L 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+29.04 K(7):+156.13

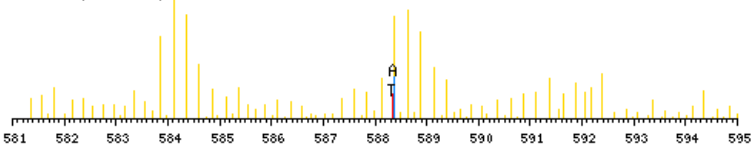
MNTELAAFTKNQKDPGVLDLDR, MH+ 2350.3289, m/z 588.3377
H OS G28 P150811 220811-s1.06441.06441.4.dta

scan 6441; 5.4e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 6438; 588.3 m/z; 1.3e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

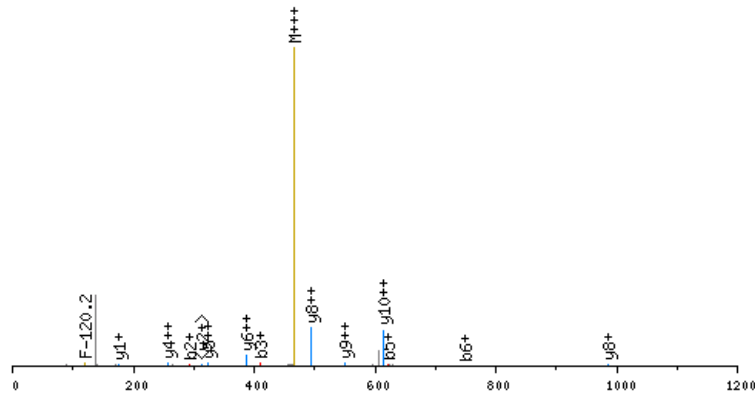
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
166.1114	1	M	20		
280.1543	2	N	19	2185.2254	1093.1166
381.2020	3	T	18	2071.1825	1036.0951
510.2446	4	E	17	1970.1348	985.5713
623.3286	5	L	16	1841.0922	921.0500
694.3658	6	A	15	1728.0081	864.5080
765.4029	7	A	14	1656.9710	828.9894
912.4713	8	F	13	1585.9339	793.4709
1013.5190	9	T	12	1438.8655	719.9367
1175.6771	10	K	11	1337.8178	669.4128
1289.7200	11	N	10	1175.6597	588.3338
1417.7786	12	Q	9	1061.6168	531.3123
1579.9367	13	K	8	933.5582	467.2830
1694.9636	14	D	7	771.4001	386.2040
1792.0164	15	P	6	656.3731	328.6905
1849.0378	16	G	5	559.3204	280.1641
1948.1063	17	V	4	502.2989	251.6534
2061.1903	18	L	3	403.2305	202.1192
2176.2173	19	D	2	290.1464	145.5771
	20	R	1	175.1195	88.0637

N-term:+35.07 K(10):+162.16
K(13):+162.16

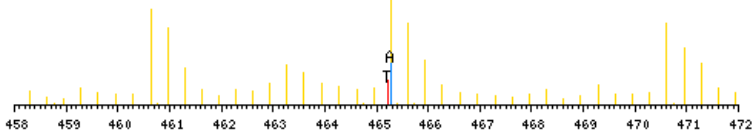
MQDPDEEALRR, MH+ 1393.6958, m/z 465.2368
 H OS G27 P150811 220811-s1.02793.02793.3.dta

scan 2793; 1.8e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2792; 465.2 m/z; 2.5e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
166.1114	1	M	11	
294.1700	2	Q	10	1228.5922
409.1969	3	D	9	1100.5336
506.2497	4	P	8	985.5067
621.2766	5	D	7	888.4539
750.3192	6	E	6	773.4270
879.3618	7	E	5	644.3844
950.3989	8	A	4	515.3418
1063.4830	9	L	3	444.3047
1219.5841	10	R	2	331.2206
	11	R	1	175.1195

N-term:+35.07

MQDPDEEFMKSR, MH+ 1742.9306, m/z 436.4881
 H OS G28 P150811 220811-s1.03894.03894.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

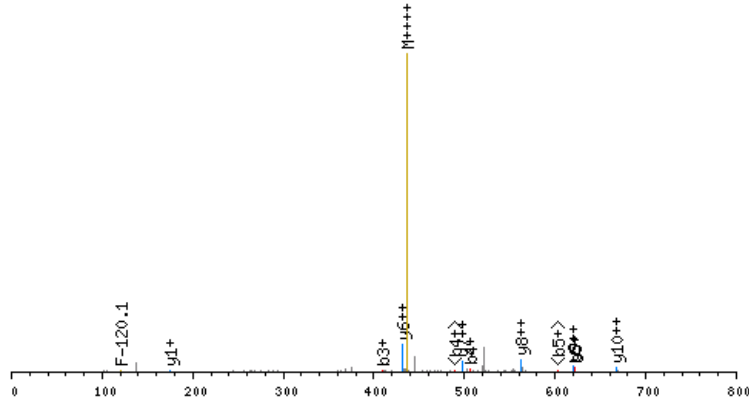
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

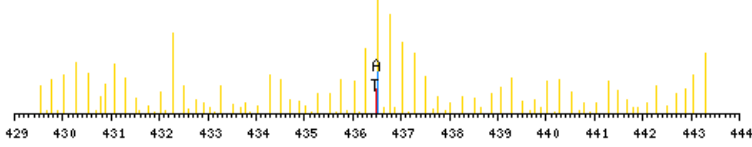
GO

scan 3894; 1.0e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 3893; 436.5 m/z; 1.4e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
166.1114	1	M 13		
294.1700	2	Q 12	1577.8270	789.4174
409.1969	3	D 11	1449.7685	725.3881
506.2497	4	P 10	1334.7415	667.8747
621.2766	5	D 9	1237.6888	619.3483
750.3192	6	E 8	1122.6618	561.8348
879.3618	7	E 7	993.6192	497.3135
1026.4302	8	F 6	864.5766	432.7922
1157.4707	9	M 5	717.5082	359.2580
1319.6288	10	K 4	586.4677	293.7378
1481.7869	11	K 3	424.3096	212.6587
1568.8189	12	S 2	262.1515	131.5797
	13	R 1	175.1195	88.0637

N-term:+35.07 K(10):+162.16
 K(11):+162.16

MQKEITALAPSTMK, MH+ 1632.9069, m/z 544.9738
 L OS G26 P150811 220811-s1.03639.03639.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

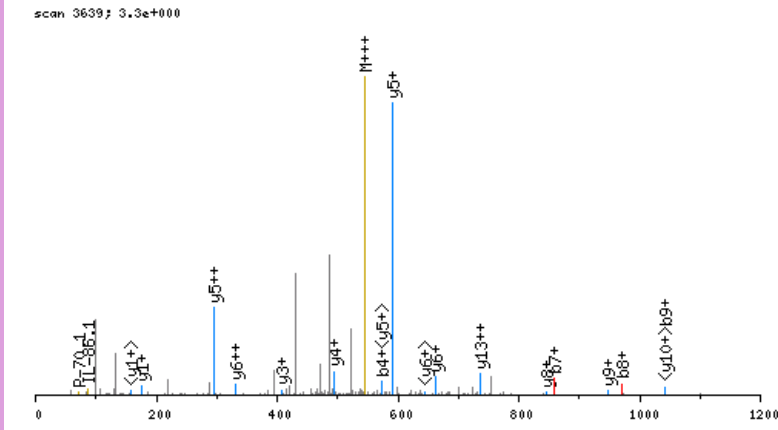
y + 2+ 3+

z + 2+ 3+

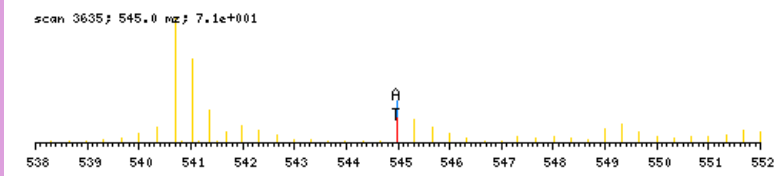
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
160.0796	1	M 14		
288.1382	2	Q 13	1473.8352	737.4215
444.2645	3	K 12	1345.7766	673.3922
573.3071	4	E 11	1189.6503	595.3290
686.3911	5	I 10	1060.6077	530.8078
787.4388	6	T 9	947.5236	474.2657
858.4759	7	A 8	846.4759	423.7419
971.5600	8	L 7	775.4388	388.2233
1042.5971	9	A 6	662.3548	331.6813
1139.6499	10	P 5	591.3176	296.1627
1226.6819	11	S 4	494.2649	247.6364
1327.7296	12	T 3	407.2329	204.1203
1458.7700	13	M 2	306.1852	153.5965
	14	K 1	175.1447	88.0763

N-term:+29.04 K(3):+156.13
 K(14):+156.13

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

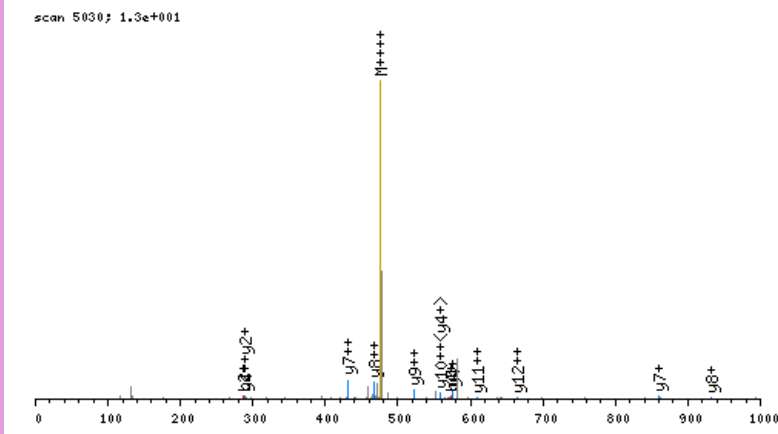
y + 2+ 3+

z + 2+ 3+

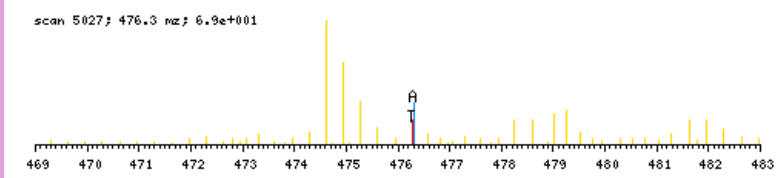
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
160.0796	1	M	16	
288.1382	2	Q	15	1743.0455 872.0267
444.2645	3	K	14	1614.9869 807.9974
573.3071	4	E	13	1458.8606 729.9342
686.3911	5	I	12	1329.8180 665.4129
787.4388	6	T	11	1216.7340 608.8709
858.4759	7	A	10	1115.6863 558.3471
971.5600	8	L	9	1044.6492 522.8285
1042.5971	9	A	8	931.5651 466.2865
1139.6499	10	P	7	860.5280 430.7679
1226.6819	11	S	6	763.4752 382.2415
1327.7296	12	T	5	676.4432 338.7255
1458.7700	13	M	4	575.3955 288.2017
1614.8963	14	K	3	444.3551 222.6814
1727.9804	15	I	2	288.2288 144.6183
	16	K	1	175.1447 88.0763

N-term:+29.04 K(3):+156.13
 K(14):+156.13 K(16):+156.13

MQKEITALAPSTMKIKIIPPER, MH+ 2678.5717, m/z 670.3984
 L OS G28 P150811 220811-s1.07416.07416.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

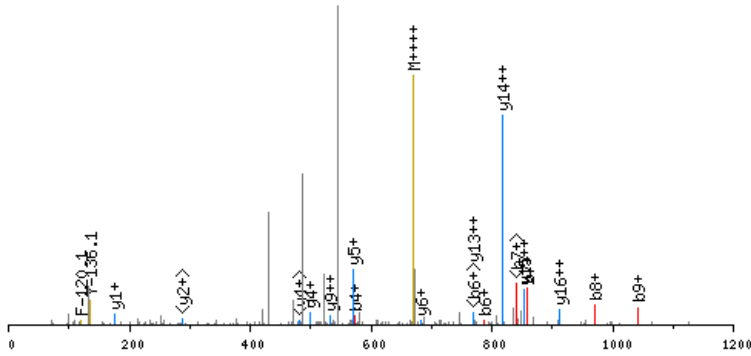
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

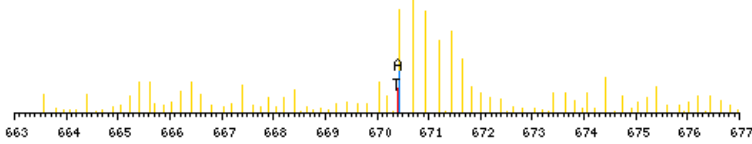
scan 7416; 2.2e+000



click image to zoom in; click top corners to zoom out

[\[precursor±\]](#)

scan 7413; 670.4 m/z; 9.5e+000



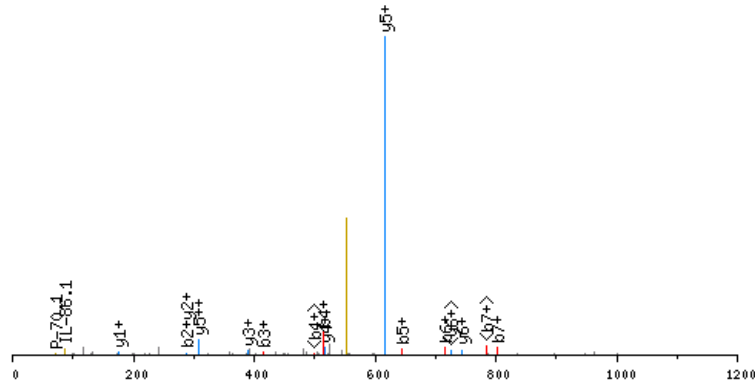
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
160.0796	1	M 23		
288.1382	2	Q 22	2519.5000	1260.2539
444.2645	3	K 21	2391.4414	1196.2246
573.3071	4	E 20	2235.3151	1118.1615
686.3911	5	I 19	2106.2725	1053.6402
787.4388	6	T 18	1993.1885	997.0981
858.4759	7	A 17	1892.1408	946.5743
971.5600	8	L 16	1821.1037	911.0557
1042.5971	9	A 15	1708.0196	854.5137
1139.6499	10	P 14	1636.9825	818.9952
1226.6819	11	S 13	1539.9297	770.4688
1327.7296	12	T 12	1452.8977	726.9528
1458.7700	13	M 11	1351.8500	676.4289
1614.8963	14	K 10	1220.8095	610.9087
1727.9804	15	I 9	1064.6832	532.8455
1884.1067	16	K 8	951.5992	476.3035
1997.1908	17	I 7	795.4729	398.2403
2110.2748	18	I 6	682.3888	341.6983
2181.3120	19	A 5	569.3047	285.1563
2278.3647	20	P 4	498.2676	249.6377
2375.4175	21	P 3	401.2149	201.1113
2504.4601	22	E 2	304.1621	152.5850
	23	R 1	175.1195	88.0637

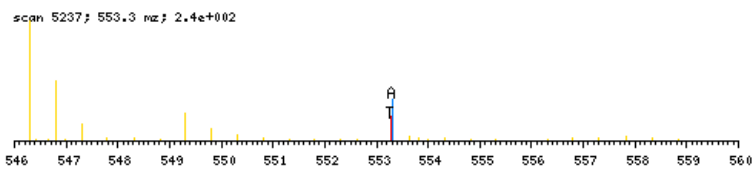
N-term:+29.04 K(3):+156.13
 K(14):+156.13 K(16):+156.13

MQQVEASLQPETLR, MH+ 1657.8583, m/z 553.2910
 L OS G25 P150811 220811-s1.05240.05240.3.dta

scan 5240; 1.2e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
160.0796	1	M 14		
288.1382	2	Q 13	1498.7865	749.8972
416.1967	3	Q 12	1370.7280	685.8679
515.2652	4	V 11	1242.6694	621.8386
644.3077	5	E 10	1143.6010	572.3044
715.3449	6	A 9	1014.5584	507.7831
802.3769	7	S 8	943.5213	472.2645
915.4610	8	L 7	856.4892	428.7485
1043.5195	9	Q 6	743.4052	372.2065
1140.5723	10	P 5	615.3466	308.1772
1269.6149	11	E 4	518.2938	259.6508
1370.6626	12	T 3	389.2512	195.1295
1483.7466	13	L 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+29.04

MSYGYDEKSAGVSVPGPMGPGSGPR, MH+ 2494.2383, m/z 832.0843
H OS G26 P150811 220811-s1.04597.04597.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

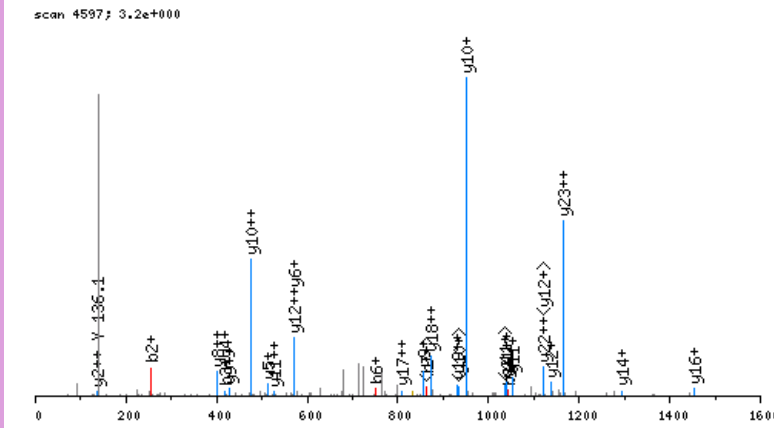
y + 2+ 3+

z + 2+ 3+

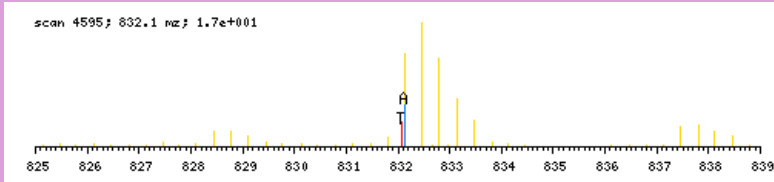
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



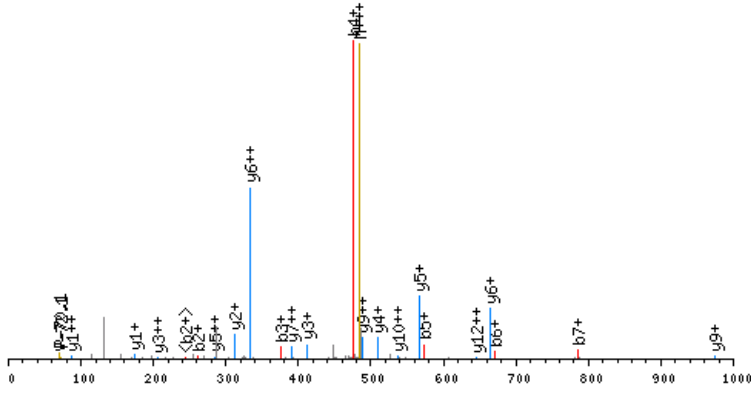
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
166.1114	1	M	24	
253.1434	2	S	23	2329.1347
416.2067	3	Y	22	2242.1027
473.2282	4	G	21	2079.0394
636.2915	5	Y	20	2022.0179
751.3185	6	D	19	1858.9546
880.3611	7	E	18	1743.9276
1042.5192	8	K	17	1614.8850
1129.5512	9	S	16	1452.7269
1200.5883	10	A	15	1365.6949
1257.6098	11	G	14	1294.6578
1356.6782	12	V	13	1237.6363
1443.7102	13	S	12	1138.5679
1542.7786	14	V	11	1051.5359
1639.8314	15	P	10	952.4675
1696.8529	16	G	9	855.4147
1793.9056	17	P	8	798.3932
1924.9461	18	M	7	701.3405
1981.9676	19	G	6	570.3000
2079.0203	20	P	5	513.2785
2166.0524	21	S	4	416.2258
2223.0738	22	G	3	329.1937
2320.1266	23	P	2	272.1723
	24	R	1	175.1195

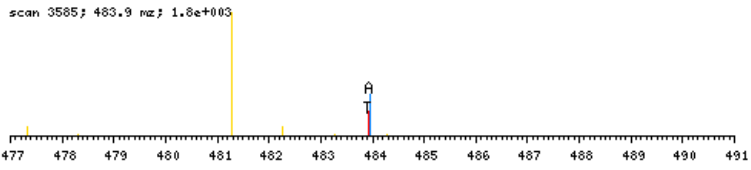
N-term:+35.07 K(8):+162.16

MTDVPVDPGVVHR, MH+ 1449.7524, m/z 483.9223
 L OS G26 P150811 220811-s1.03586.03586.3.dta

scan 3586; 5.4e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
160.0796	1	M 13		
261.1273	2	T 12	1290.6806	645.8442
376.1542	3	D 11	1189.6329	595.3204
475.2226	4	V 10	1074.6060	537.8069
572.2754	5	P 9	975.5376	488.2727
671.3438	6	V 8	878.4848	439.7463
786.3707	7	D 7	779.4164	390.2121
883.4235	8	P 6	664.3895	332.6986
940.4450	9	G 5	567.3367	284.1723
1039.5134	10	V 4	510.3152	255.6615
1138.5818	11	V 3	411.2468	206.1273
1275.6407	12	H 2	312.1784	156.5931
	13	R 1	175.1195	88.0637

N-term:+29.04

MTGTEYMQDPDEEALRR, MH+ 2075.9590, m/z 692.6578
 H OS G26 P150811 220811-s1.03913.03913.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

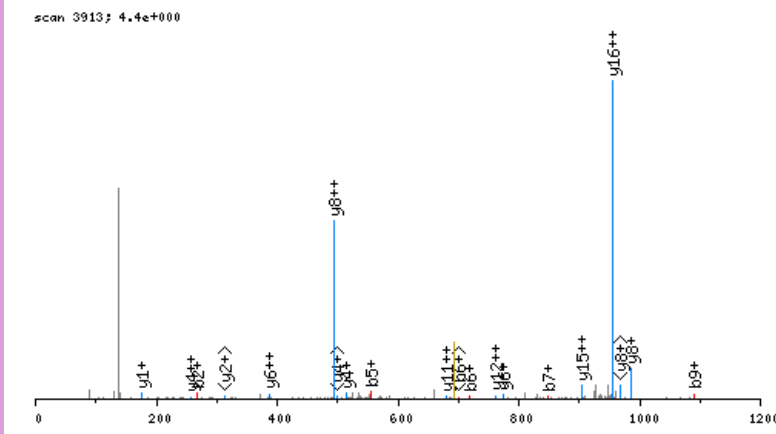
y + 2+ 3+

z + 2+ 3+

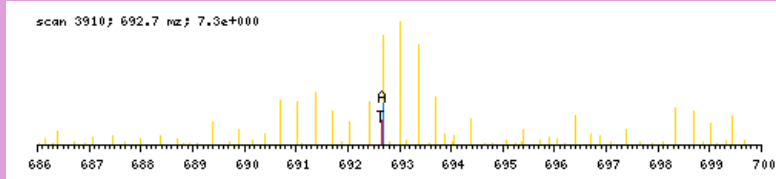
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
166.1114	1	M	17		
267.1591	2	T	16	1910.8554	955.9316
324.1805	3	G	15	1809.8078	905.4078
425.2282	4	T	14	1752.7863	876.8971
554.2708	5	E	13	1651.7386	826.3732
717.3341	6	Y	12	1522.6960	761.8519
848.3746	7	M	11	1359.6327	680.3203
976.4332	8	Q	10	1228.5922	614.8000
1091.4601	9	D	9	1100.5336	550.7707
1188.5129	10	P	8	985.5067	493.2573
1303.5398	11	D	7	888.4539	444.7309
1432.5824	12	E	6	773.4270	387.2174
1561.6250	13	E	5	644.3844	322.6961
1632.6621	14	A	4	515.3418	258.1748
1745.7462	15	L	3	444.3047	222.6563
1901.8473	16	R	2	331.2206	166.1142
	17	R	1	175.1195	88.0637

N-term:+35.07

NADEFEDMVAEKR, MH+ 1621.8168, m/z 541.2771
 H OS G27 P150811 220811-s1.05303.05303.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

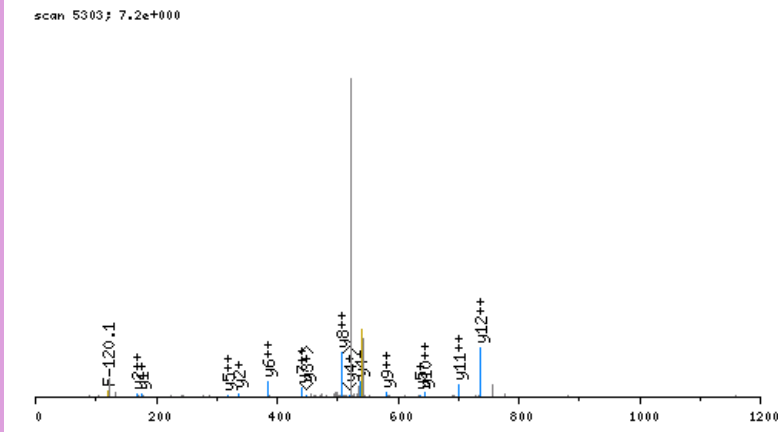
y + 2+ 3+

z + 2+ 3+

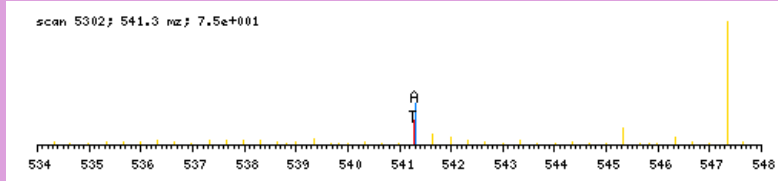
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
149.1138	1	N 13		
220.1509	2	A 12	1473.7108	737.3593
335.1779	3	D 11	1402.6737	701.8408
464.2205	4	E 10	1287.6467	644.3273
611.2889	5	F 9	1158.6042	579.8060
740.3315	6	E 8	1011.5357	506.2718
855.3584	7	D 7	882.4931	441.7505
986.3989	8	M 6	767.4662	384.2370
1085.4673	9	V 5	636.4257	318.7168
1156.5044	10	A 4	537.3573	269.1826
1285.5470	11	E 3	466.3202	233.6640
1447.7051	12	K 2	337.2776	169.1427
	13	R 1	175.1195	88.0637

N-term:+35.07 K(12):+162.16

NATEPVISFYDKR, MH+ 1607.9069, m/z 536.6405
 H OS G27 P150811 220811-s1.05350.05350.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

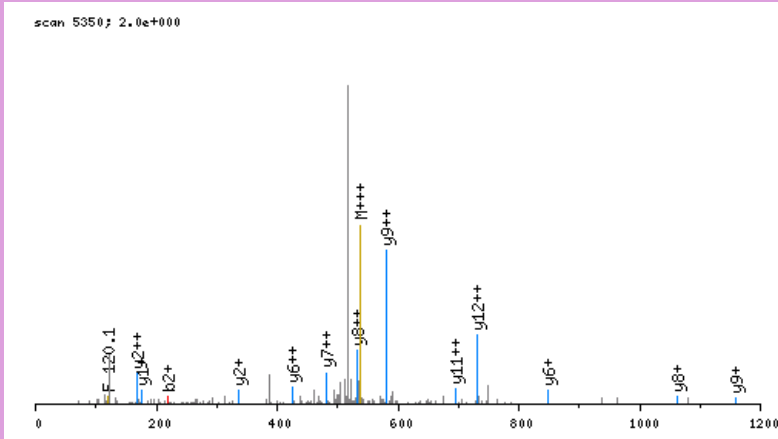
y + 2+ 3+

z + 2+ 3+

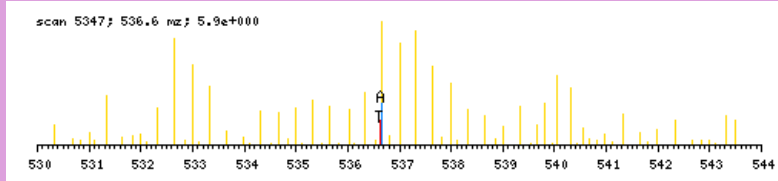
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
149.1138	1	N 13		
220.1509	2	A 12	1459.8009	730.4044
321.1986	3	T 11	1388.7638	694.8858
450.2412	4	E 10	1287.7161	644.3620
547.2940	5	P 9	1158.6736	579.8407
646.3624	6	V 8	1061.6208	531.3143
759.4465	7	I 7	962.5524	481.7801
846.4785	8	S 6	849.4683	425.2381
993.5469	9	F 5	762.4363	381.7221
1156.6102	10	Y 4	615.3679	308.1878
1271.6372	11	D 3	452.3045	226.6562
1433.7953	12	K 2	337.2776	169.1427
	13	R 1	175.1195	88.0637

N-term:+35.07 K(12):+162.16

NATLSVEPEGR, MH+ 1200.6224, m/z 600.8148
 L OS G25 P150811 220811-s1.03083.03083.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

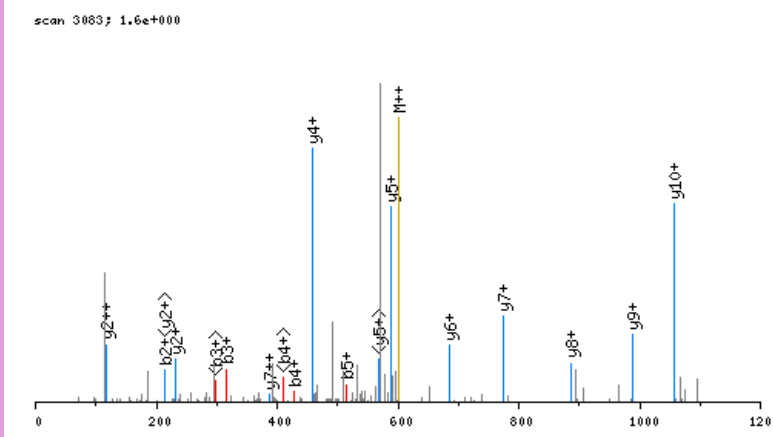
y + 2+ 3+

z + 2+ 3+

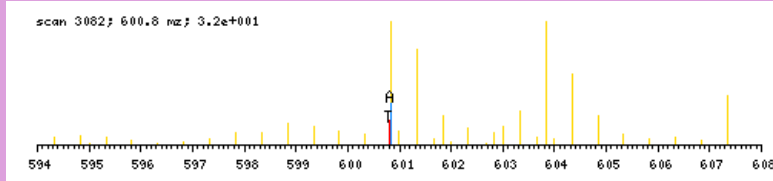
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



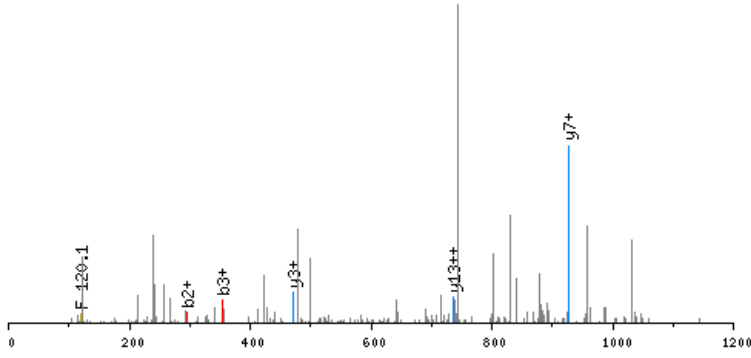
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
143.0820	1	N 11		
214.1191	2	A 10	1058.5482	529.7780
315.1668	3	T 9	987.5111	494.2595
428.2509	4	L 8	886.4634	443.7356
515.2829	5	S 7	773.3794	387.1936
614.3513	6	V 6	686.3473	343.6776
743.3939	7	E 5	587.2789	294.1434
840.4467	8	P 4	458.2363	229.6221
969.4893	9	E 3	361.1836	181.0957
1026.5107	10	G 2	232.1410	116.5744
	11	R 1	175.1195	88.0637

N-term:+29.04

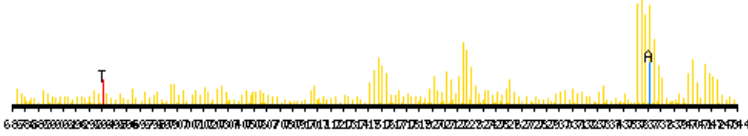
NFGPTGIGFGLTQQVEKK, MH+ 2080.2291, m/z 694.0812
 H OS G26 P150811 220811-s1.05939.05939.3.dta

scan 5939; 1.7e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 5935; 694.1 m/z; 7.6e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
149.1138	1	N	19		
296.1822	2	F	18	1932.1231	966.5655
353.2037	3	G	17	1785.0547	893.0313
450.2565	4	P	16	1728.0333	864.5205
551.3041	5	T	15	1630.9805	815.9942
608.3256	6	G	14	1529.9328	765.4703
721.4097	7	I	13	1472.9114	736.9596
778.4311	8	G	12	1359.8273	680.4176
925.4996	9	F	11	1302.8058	651.9068
982.5210	10	G	10	1155.7374	578.3726
1039.5425	11	G	9	1098.7160	549.8619
1152.6265	12	L	8	1041.6945	521.3512
1253.6742	13	T	7	928.6104	464.8091
1381.7328	14	Q	6	827.5628	414.2853
1509.7914	15	Q	5	699.5042	350.2560
1608.8598	16	V	4	571.4456	286.2267
1737.9024	17	E	3	472.3772	236.6925
1900.0605	18	K	2	343.3346	172.1712
	19	K	1	181.1765	91.0922

N-term:+35.07 K(18):+162.16
 K(19):+162.16

NGLKADQAEPEKLR, MH+ 1652.9336, m/z 551.6494
 L OS G26 P150811 220811-s1.02413.02413.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

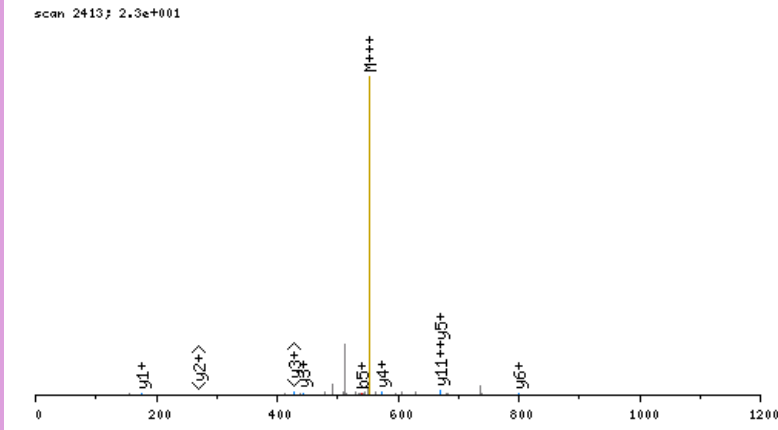
y + 2+ 3+

z + 2+ 3+

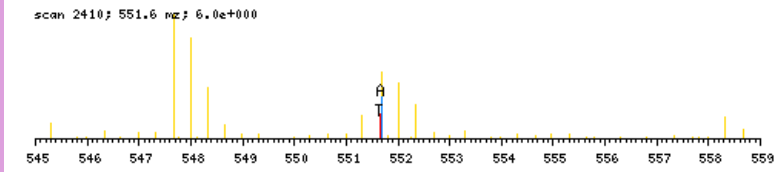
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
143.0820	1	N 14		
200.1035	2	G 13	1510.8594	755.9336
313.1876	3	L 12	1453.8379	727.4229
469.3139	4	K 11	1340.7539	670.8808
540.3510	5	A 10	1184.6276	592.8177
655.3779	6	D 9	1113.5904	557.2991
783.4365	7	Q 8	998.5635	499.7857
854.4736	8	A 7	870.5049	435.7564
983.5162	9	E 6	799.4678	400.2378
1080.5690	10	P 5	670.4252	335.7165
1209.6116	11	E 4	573.3725	287.1901
1365.7379	12	K 3	444.3299	222.6688
1478.8219	13	L 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+29.04 K(4):+156.13
 K(12):+156.13

NIVMTQSPKSMMSVGER, MH+ 2050.0771, m/z 684.0306
 H OS G26 P150811 220811-s1.04129.04129.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

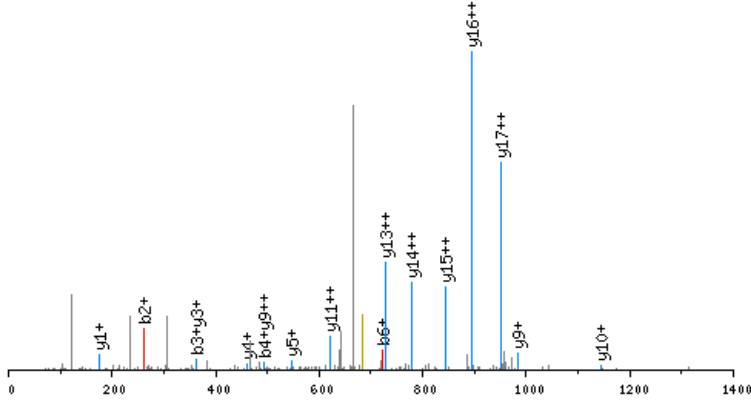
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

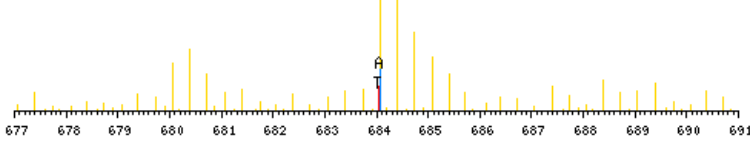
scan 4129; 2.4e+000



click image to zoom in; click top corners to zoom out

[precursor±]

scan 4125; 684.0 m/z; 6.5e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
149.1138	1	N	18		
262.1979	2	I	17	1901.9711	951.4895
361.2663	3	V	16	1788.8871	894.9474
492.3068	4	M	15	1689.8187	845.4132
593.3545	5	T	14	1558.7782	779.8930
721.4130	6	Q	13	1457.7305	729.3692
808.4451	7	S	12	1329.6719	665.3399
905.4978	8	P	11	1242.6399	621.8239
1067.6559	9	K	10	1145.5871	573.2975
1154.6880	10	S	9	983.4290	492.2184
1285.7285	11	M	8	896.3970	448.7024
1372.7605	12	S	7	765.3565	383.1822
1503.8010	13	M	6	678.3245	339.6662
1590.8330	14	S	5	547.2840	274.1459
1689.9014	15	V	4	460.2520	230.6299
1746.9229	16	G	3	361.1836	181.0957
1875.9655	17	E	2	304.1621	152.5850
	18	R	1	175.1195	88.0637

N-term:+35.07 K(9):+162.16

NKDQGGYEDFVEGLR, MH+ 1782.8663, m/z 594.9603
 L OS G27 P150811 220811-s1.06009.06009.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

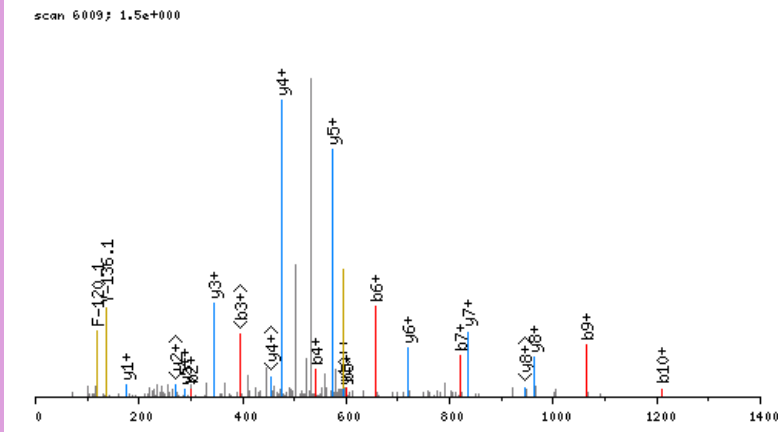
y + 2+ 3+

z + 2+ 3+

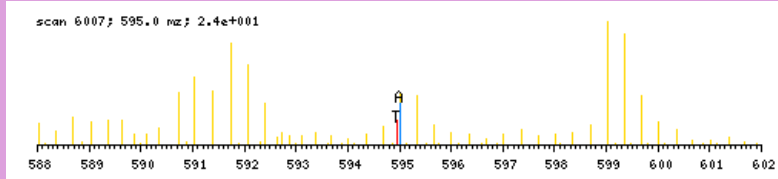
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
143.0820	1	N 15		
299.2083	2	K 14	1640.7921	820.8999
414.2353	3	D 13	1484.6658	742.8368
542.2938	4	Q 12	1369.6388	685.3233
599.3153	5	G 11	1241.5802	621.2940
656.3368	6	G 10	1184.5588	592.7833
819.4001	7	Y 9	1127.5373	564.2726
948.4427	8	E 8	964.4740	482.7409
1063.4696	9	D 7	835.4314	418.2196
1210.5381	10	F 6	720.4044	360.7061
1309.6065	11	V 5	573.3360	287.1719
1438.6491	12	E 4	474.2676	237.6377
1495.6705	13	G 3	345.2250	173.1164
1608.7546	14	L 2	288.2036	144.6057
	15	R 1	175.1195	88.0637

N-term:+29.04 K(2):+156.13

NKEEYNGYTGAFR, MH+ 1604.7709, m/z 535.5952
 L OS G27 P150811 220811-s1.03516.03516.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

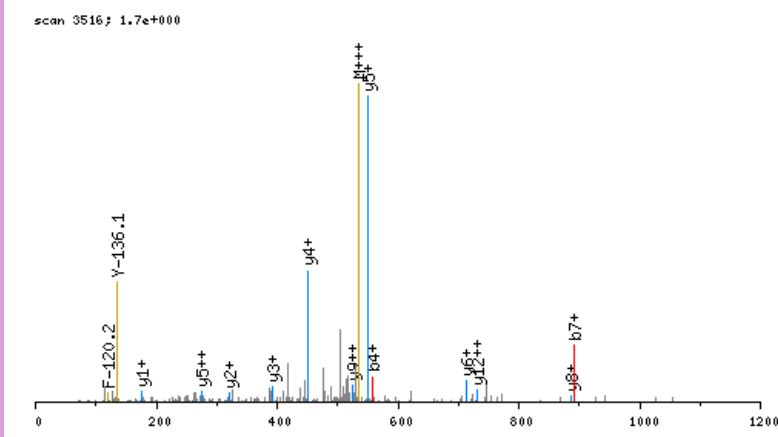
y + 2+ 3+

z + 2+ 3+

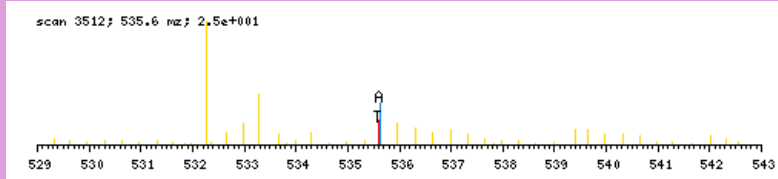
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
143.0820	1	N 13		
299.2083	2	K 12	1462.6967	731.8523
428.2509	3	E 11	1306.5704	653.7891
557.2935	4	E 10	1177.5278	589.2678
720.3568	5	Y 9	1048.4852	524.7465
834.3998	6	N 8	885.4219	443.2149
891.4212	7	G 7	771.3790	386.1934
1054.4846	8	Y 6	714.3575	357.6827
1155.5322	9	T 5	551.2942	276.1510
1212.5537	10	G 4	450.2465	225.6272
1283.5908	11	A 3	393.2250	197.1164
1430.6592	12	F 2	322.1879	161.5979
	13	R 1	175.1195	88.0637

N-term:+29.04 K(2):+156.13

NKWDYVAALTPR, MH+ 1590.8644, m/z 530.9597
 L OS G25 P150811 220811-s1.06710.06710.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

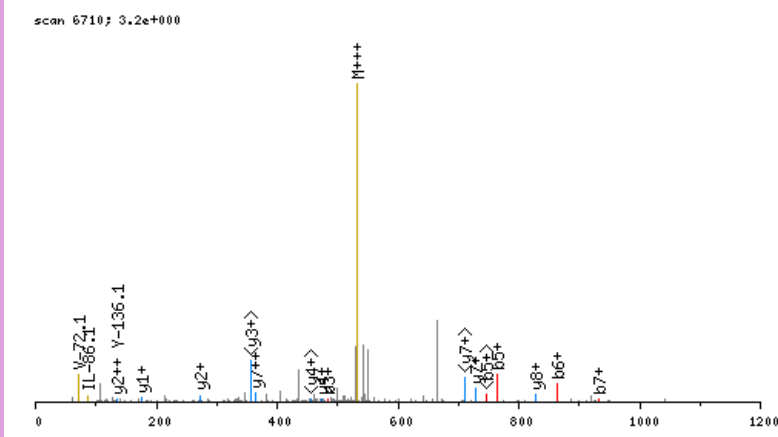
y + 2+ 3+

z + 2+ 3+

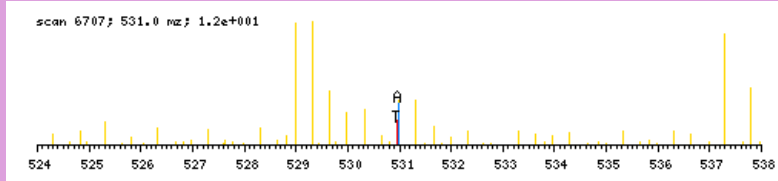
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
143.0820	1	N 13		
299.2083	2	K 12	1448.7902	724.8990
485.2876	3	W 11	1292.6639	646.8359
600.3146	4	D 10	1106.5846	553.7962
763.3779	5	Y 9	991.5577	496.2827
862.4463	6	V 8	828.4943	414.7511
933.4834	7	A 7	729.4259	365.2169
1004.5206	8	A 6	658.3888	329.6983
1117.6046	9	L 5	587.3517	294.1798
1218.6523	10	T 4	474.2676	237.6377
1319.7000	11	T 3	373.2199	187.1139
1416.7527	12	P 2	272.1723	136.5900
	13	R 1	175.1195	88.0637

N-term:+29.04 K(2):+156.13

NPDGMVALLDYR, MH+ 1391.6993, m/z 464.5713
 L OS G25 P150811 220811-s1.07714.07714.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

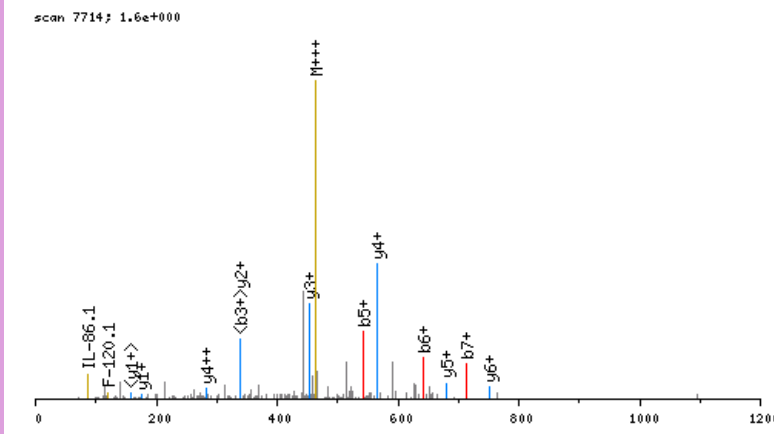
y + 2+ 3+

z + 2+ 3+

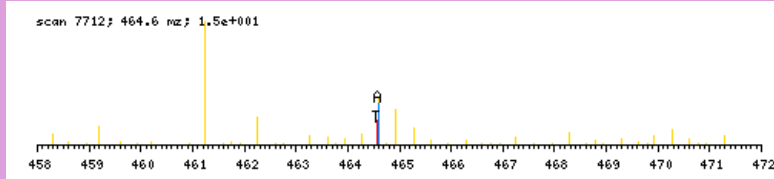
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
143.0820	1	N 12		
240.1348	2	P 11	1249.6251	625.3165
355.1617	3	D 10	1152.5723	576.7901
412.1832	4	G 9	1037.5454	519.2766
543.2237	5	M 8	980.5239	490.7659
642.2921	6	V 7	849.4834	425.2456
713.3292	7	A 6	750.4150	375.7114
826.4133	8	L 5	679.3779	340.1929
939.4973	9	L 4	566.2938	283.6508
1054.5243	10	D 3	453.2098	227.1088
1217.5876	11	Y 2	338.1828	169.5953
	12	R 1	175.1195	88.0637

N-term:+29.04

NPGESSFDLADR, MH+ 1335.6181, m/z 668.3127
 L OS G25 P150811 220811-s1.04383.04383.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

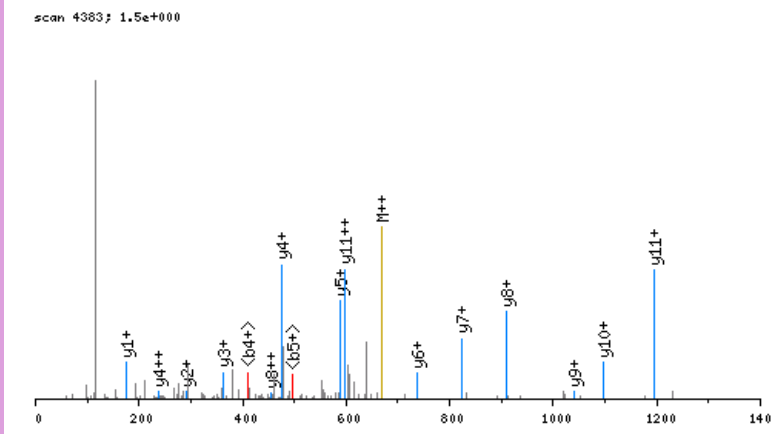
y + 2+ 3+

z + 2+ 3+

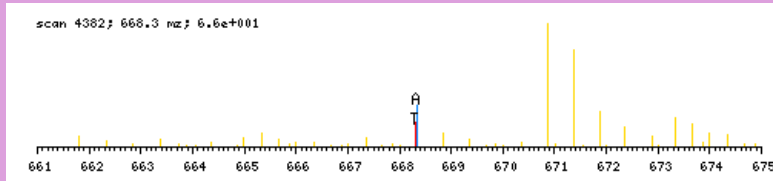
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
143.0820	1	N 12		
240.1348	2	P 11	1193.5439	597.2758
297.1563	3	G 10	1096.4911	548.7495
426.1988	4	E 9	1039.4696	520.2387
513.2309	5	S 8	910.4270	455.7174
600.2629	6	S 7	823.3950	412.2014
747.3313	7	F 6	736.3630	368.6854
862.3583	8	D 5	589.2946	295.1512
975.4423	9	L 4	474.2676	237.6377
1046.4794	10	A 3	361.1836	181.0957
1161.5064	11	D 2	290.1464	145.5771
	12	R 1	175.1195	88.0637

N-term:+29.04

NPNVSIVDLTCR, MH+ 1415.7316, m/z 472.5821
 L OS G27 P150811 220811-s1.06934.06934.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

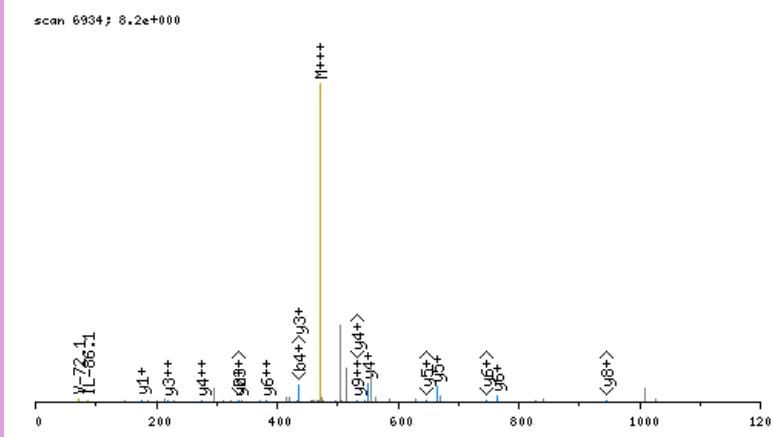
y + 2+ 3+

z + 2+ 3+

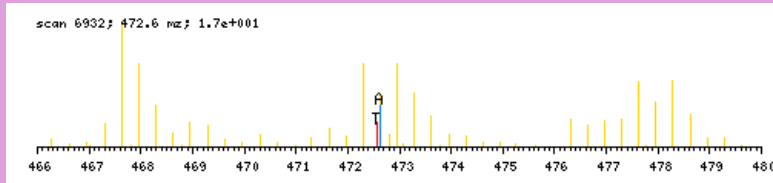
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
143.0820	1	N 12		
240.1348	2	P 11	1273.6574	637.3326
354.1777	3	N 10	1176.6046	588.8062
453.2461	4	V 9	1062.5617	531.7848
540.2782	5	S 8	963.4933	482.2506
653.3622	6	I 7	876.4613	438.7345
752.4306	7	V 6	763.3772	382.1925
867.4576	8	D 5	664.3088	332.6583
980.5416	9	L 4	549.2818	275.1448
1081.5893	10	T 3	436.1978	218.6028
1241.6199	11	C 2	335.1501	168.0790
	12	R 1	175.1195	88.0637

N-term:+29.04 C(11):+160.03

NPVDDICIAPR, MH+ 1453.7837, m/z 485.2661
 L OS G27 P150811 220811-s1.04678.04678.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a 2+ 3+

b 2+ 3+

c 2+ 3+

x 2+ 3+

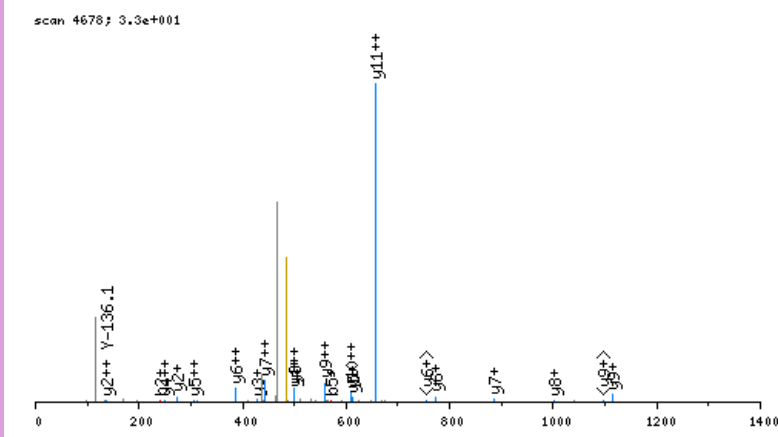
y 2+ 3+

z 2+ 3+

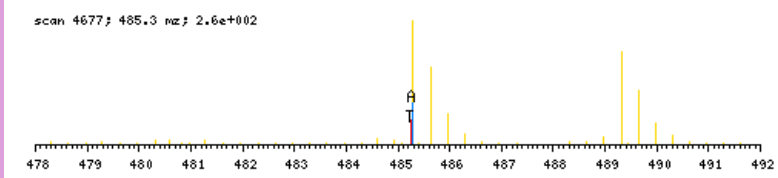
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
143.0820	1	N 12		
240.1348	2	P 11	1311.7095	656.3586
339.2032	3	V 10	1214.6567	607.8323
454.2301	4	D 9	1115.5883	558.2981
569.2571	5	D 8	1000.5613	500.7846
682.3412	6	I 7	885.5344	443.2711
842.3718	7	C 6	772.4503	386.7291
955.4558	8	I 5	612.4197	306.7138
1026.4929	9	A 4	499.3357	250.1718
1182.6192	10	K 3	428.2986	214.6532
1279.6720	11	P 2	272.1723	136.5900
	12	R 1	175.1195	88.0637

N-term:+29.04 C(7):+160.03
 K(10):+156.13

NQSSYEESPVRR, MH+ 1485.7510, m/z 495.9218
 H OS G29 P150811 220811-s1.04739.04739.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

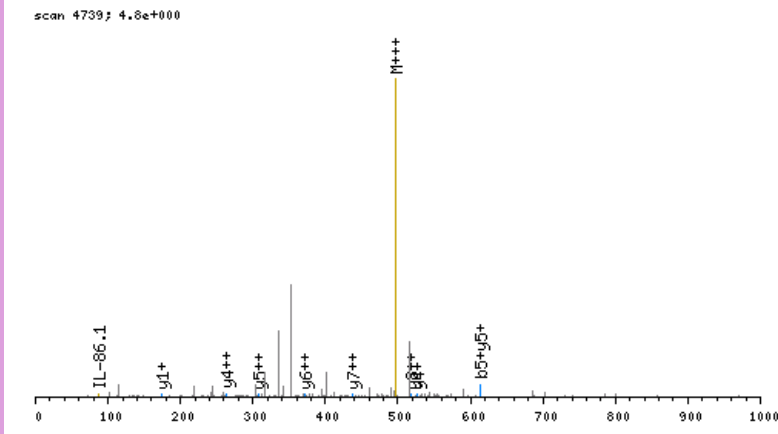
y + 2+ 3+

z + 2+ 3+

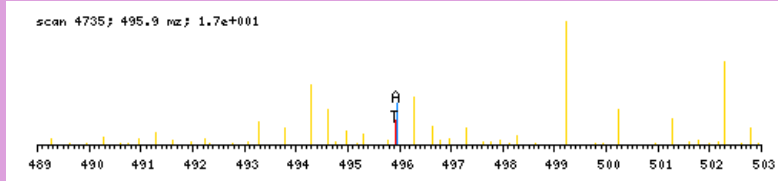
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



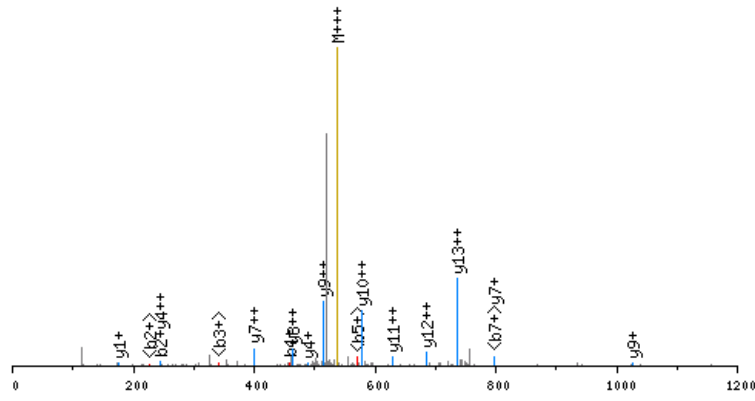
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
149.1138	1	N 12		
277.1724	2	Q 11	1337.6450	669.3264
364.2044	3	S 10	1209.5864	605.2971
451.2365	4	S 9	1122.5544	561.7811
614.2998	5	Y 8	1035.5223	518.2651
743.3424	6	E 7	872.4590	436.7334
872.3850	7	E 6	743.4164	372.2121
959.4170	8	S 5	614.3738	307.6908
1056.4698	9	P 4	527.3418	264.1748
1155.5382	10	V 3	430.2890	215.6484
1311.6393	11	R 2	331.2206	166.1142
	12	R 1	175.1195	88.0637

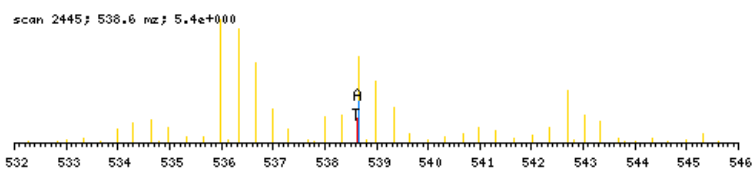
N-term:+35.07

NTDVETQPGKTVIR, MH+ 1613.8863, m/z 538.6336
 L OS G26 P150811 220811-s1.02447.02447.3.dta

scan 2447; 4.1e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
143.0820	1	N 14		
244.1297	2	T 13	1471.8121	736.4099
359.1566	3	D 12	1370.7644	685.8861
458.2251	4	V 11	1255.7374	628.3726
587.2677	5	E 10	1156.6690	578.8384
688.3153	6	T 9	1027.6264	514.3171
816.3739	7	Q 8	926.5788	463.7933
913.4267	8	P 7	798.5202	399.7640
970.4481	9	G 6	701.4674	351.2376
1126.5744	10	K 5	644.4460	322.7269
1227.6221	11	T 4	488.3197	244.6637
1326.6905	12	V 3	387.2720	194.1399
1439.7746	13	I 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+29.04 K(10):+156.13

NTEITAEHLTINLKESVTTDAGR, MH+ 2558.3950, m/z 640.3542
 H OS G27 P150811 220811-s1.05726.05726.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

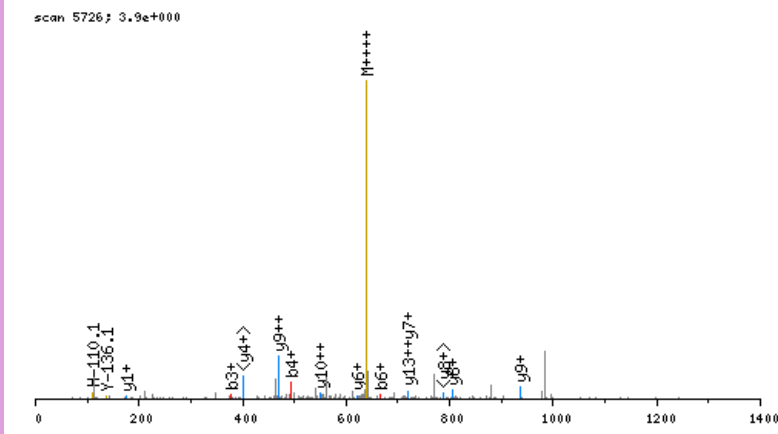
y + 2+ 3+

z + 2+ 3+

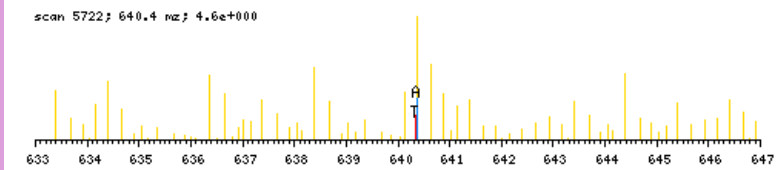
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
149.1138	1	N 23		
250.1615	2	T 22	2410.2890	1205.6484
379.2041	3	E 21	2309.2413	1155.1246
492.2882	4	I 20	2180.1987	1090.6033
593.3358	5	T 19	2067.1146	1034.0612
664.3730	6	A 18	1966.0669	983.5374
793.4155	7	E 17	1895.0298	948.0188
907.4585	8	N 16	1765.9872	883.4975
1020.5425	9	L 15	1651.9443	826.4761
1121.5902	10	T 14	1538.8602	769.9340
1234.6743	11	I 13	1437.8126	719.4102
1348.7172	12	N 12	1324.7285	662.8682
1461.8013	13	L 11	1210.6856	605.8467
1623.9594	14	K 10	1097.6015	549.3047
1753.0020	15	E 9	935.4434	468.2256
1840.0340	16	S 8	806.4008	403.7043
1939.1024	17	V 7	719.3688	360.1883
2040.1501	18	T 6	620.3004	310.6541
2141.1978	19	T 5	519.2527	260.1303
2256.2247	20	D 4	418.2050	209.6064
2327.2618	21	A 3	303.1781	152.0930
2384.2833	22	G 2	232.1410	116.5744
	23	R 1	175.1195	88.0637

N-term:+35.07 K(14):+162.16

QASGGPVDIGPEYQQDLDR, MH+ 2079.0207, m/z 693.6784
 H OS G24 P150811 220811-s1.03704.03704.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

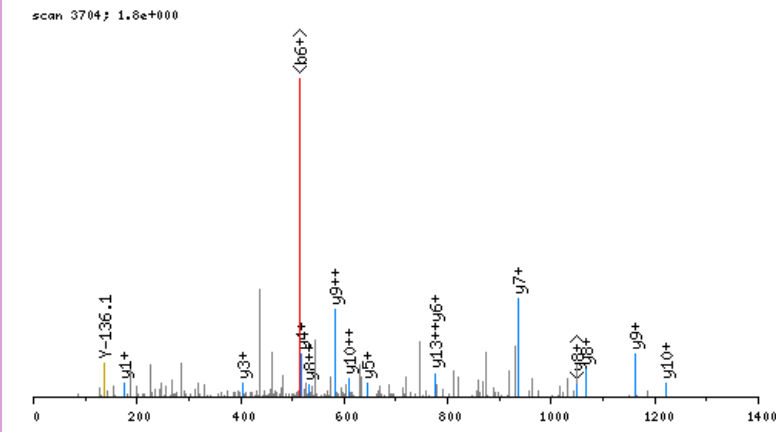
y + 2+ 3+

z + 2+ 3+

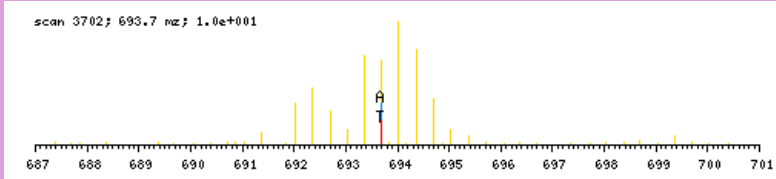
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
163.1295	1	Q 19		
234.1666	2	A 18	1916.8990	958.9534
321.1986	3	S 17	1845.8619	923.4349
378.2201	4	G 16	1758.8299	879.9188
435.2415	5	G 15	1701.8084	851.4081
532.2943	6	P 14	1644.7869	822.8974
631.3627	7	V 13	1547.7342	774.3710
746.3897	8	D 12	1448.6658	724.8368
859.4737	9	I 11	1333.6388	667.3233
916.4952	10	G 10	1220.5548	610.7813
1013.5480	11	P 9	1163.5333	582.2706
1142.5906	12	E 8	1066.4805	533.7442
1305.6539	13	Y 7	937.4379	469.2229
1433.7125	14	Q 6	774.3746	387.6912
1561.7710	15	Q 5	646.3160	323.6619
1676.7980	16	D 4	518.2575	259.6326
1789.8820	17	L 3	403.2305	202.1192
1904.9090	18	D 2	290.1464	145.5771
	19	R 1	175.1195	88.0637

N-term:+35.07

QDGALVQHQQWDGKESTITR, MH+ 2353.1901, m/z 589.0530
 L OS G28 P150811 220811-s1.04259.04259.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

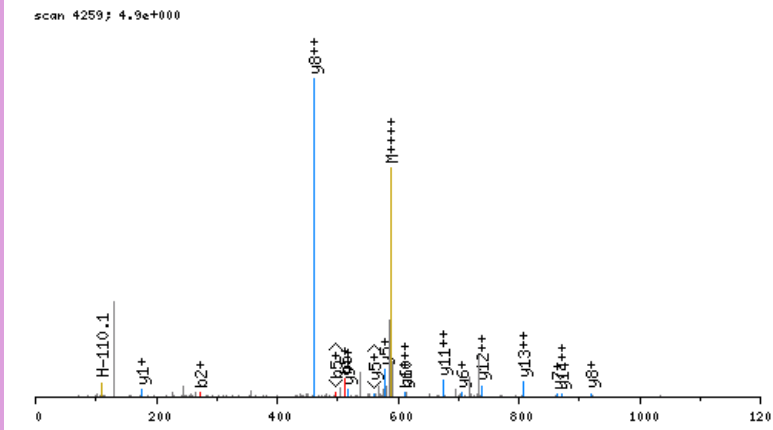
y + 2+ 3+

z + 2+ 3+

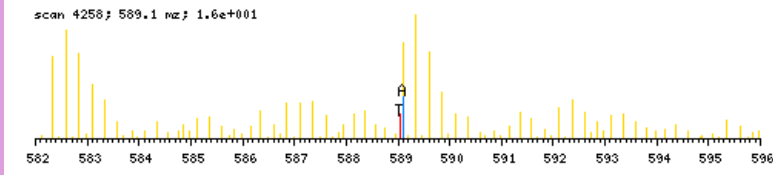
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



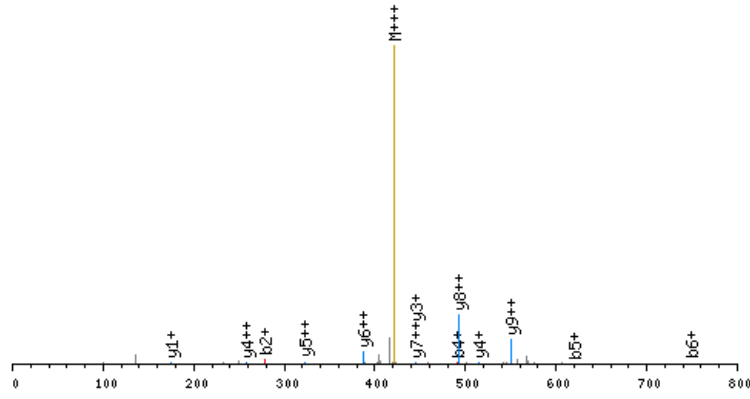
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
157.0977	1	Q 20		
272.1246	2	D 19	2197.1002	1099.0540
329.1461	3	G 18	2082.0733	1041.5405
400.1832	4	A 17	2025.0518	1013.0298
513.2673	5	L 16	1954.0147	977.5113
612.3357	6	V 15	1840.9306	920.9692
740.3943	7	Q 14	1741.8622	871.4350
877.4532	8	H 13	1613.8036	807.4057
1005.5117	9	Q 12	1476.7447	738.8763
1133.5703	10	Q 11	1348.6861	674.8470
1319.6496	11	W 10	1220.6276	610.8177
1434.6766	12	D 9	1034.5483	517.7780
1491.6980	13	G 8	919.5213	460.2646
1647.8243	14	K 7	862.4998	431.7538
1776.8669	15	E 6	706.3735	353.6907
1863.8990	16	S 5	577.3310	289.1694
1964.9466	17	T 4	490.2989	245.6534
2078.0307	18	I 3	389.2512	195.1295
2179.0784	19	T 2	276.1672	138.5875
	20	R 1	175.1195	88.0637

N-term:+29.04 K(14):+156.13

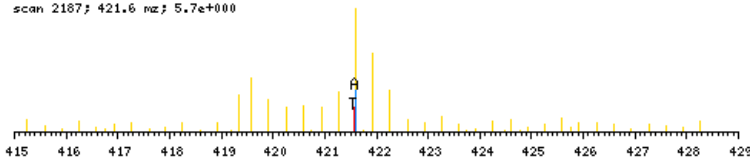
QDPDEEALRR, MH+ 1262.6553, m/z 421.5566
 H OS G27 P150811 220811-s1.02188.02188.3.dta

scan 2188; 1.3e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2187; 421.6 m/z; 5.7e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
163.1295	1	Q	10	
278.1564	2	D	9	1100.5336
375.2092	3	P	8	985.5067
490.2361	4	D	7	888.4539
619.2787	5	E	6	773.4270
748.3213	6	E	5	644.3844
819.3584	7	A	4	515.3418
932.4425	8	L	3	444.3047
1088.5436	9	R	2	331.2206
	10	R	1	175.1195

N-term:+35.07

QEFKEAFTVIDQNR, MH+ 1780.9234, m/z 594.3126
 L OS G27 P150811 220811-s1.05815.05815.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

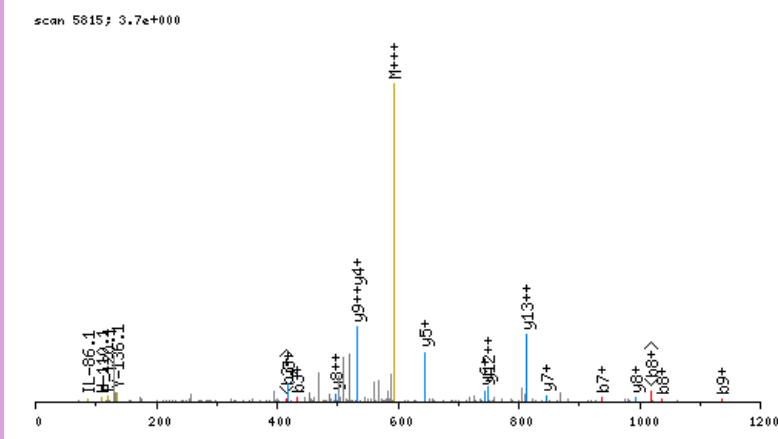
y + 2+ 3+

z + 2+ 3+

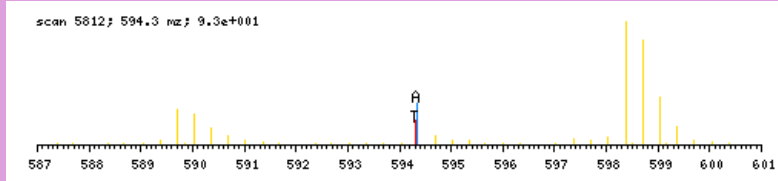
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



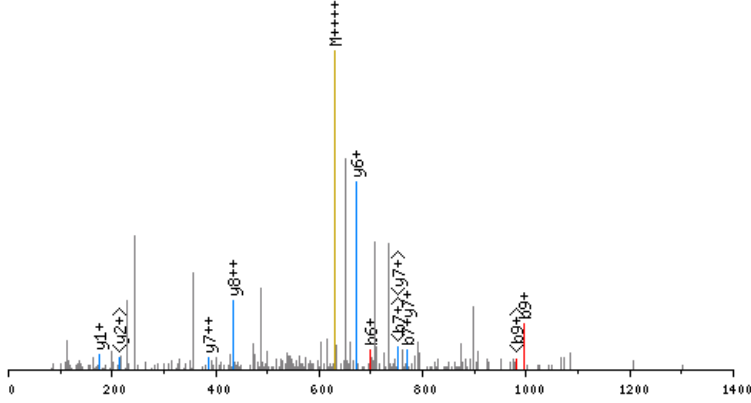
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
157.0977	1	Q 14		
286.1403	2	E 13	1624.8335	812.9207
433.2087	3	F 12	1495.7909	748.3994
589.3350	4	K 11	1348.7225	674.8652
718.3776	5	E 10	1192.5962	596.8020
789.4147	6	A 9	1063.5536	532.2807
936.4831	7	F 8	992.5165	496.7622
1037.5308	8	T 7	845.4481	423.2280
1136.5992	9	V 6	744.4004	372.7041
1249.6833	10	I 5	645.3320	323.1699
1364.7102	11	D 4	532.2479	266.6279
1492.7688	12	Q 3	417.2210	209.1144
1606.8117	13	N 2	289.1624	145.0851
	14	R 1	175.1195	88.0637

N-term:+29.04 K(4):+156.13

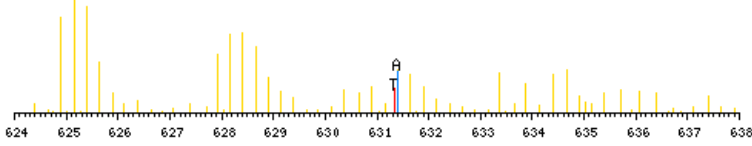
QELDLAALNSKLSGCPVQKPGGR, MH+ 2522.3765, m/z 631.3496
 L OS G26 P150811 220811-s1.06753.06753.4.dta

scan 6753; 9.8e-001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6750; 631.3 m/z; 1.3e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
157.0977	1	Q	23	
286.1403	2	E	22	2366.2866
399.2243	3	L	21	2237.2440
514.2513	4	D	20	2124.1600
627.3353	5	L	19	2009.1330
698.3725	6	A	18	1896.0490
769.4096	7	A	17	1825.0118
882.4936	8	L	16	1753.9747
996.5366	9	N	15	1640.8907
1083.5686	10	S	14	1526.8477
1239.6949	11	K	13	1439.8157
1352.7790	12	L	12	1283.6894
1439.8110	13	S	11	1170.6053
1496.8324	14	G	10	1083.5733
1656.8630	15	C	9	1026.5518
1753.9158	16	P	8	866.5212
1852.9842	17	V	7	769.4685
1981.0428	18	Q	6	670.4001
2137.1691	19	K	5	542.3415
2234.2219	20	P	4	386.2152
2291.2433	21	G	3	289.1624
2348.2648	22	G	2	232.1410
	23	R	1	175.1195

N-term:+29.04 K(11):+156.13
 C(15):+160.03 K(19):+156.13

QEYDEAGPSIVHR, MH+ 1534.7714, m/z 512.2620
 H OS G27 P150811 220811-s1.03295.03295.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

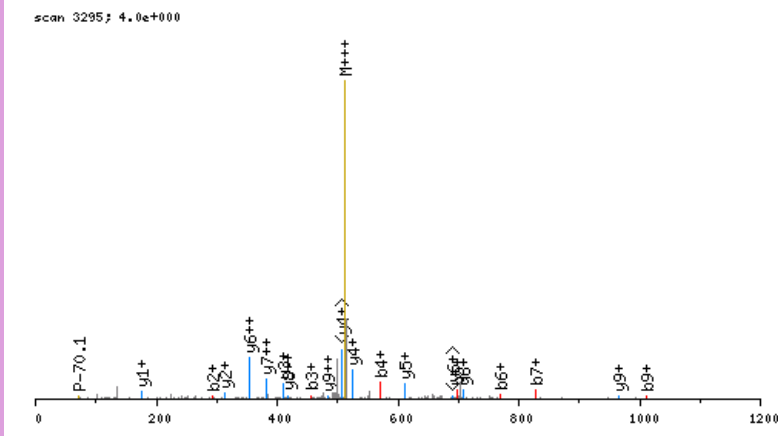
y + 2+ 3+

z + 2+ 3+

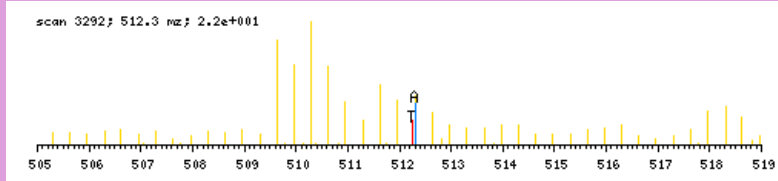
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
163.1295	1	Q	13	
292.1721	2	E	12	1372.6497 686.8288
455.2354	3	Y	11	1243.6071 622.3075
570.2623	4	D	10	1080.5438 540.7758
699.3049	5	E	9	965.5169 483.2623
770.3420	6	A	8	836.4743 418.7410
827.3635	7	G	7	765.4371 383.2225
924.4163	8	P	6	708.4157 354.7118
1011.4483	9	S	5	611.3629 306.1854
1124.5324	10	I	4	524.3309 262.6694
1223.6008	11	V	3	411.2468 206.1273
1360.6597	12	H	2	312.1784 156.5931
	13	R	1	175.1195 88.0637

N-term:+35.07

QEYIYSIHTR, MH+ 1337.6854, m/z 446.5666
 L OS G27 P150811 220811-s1.03829.03829.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

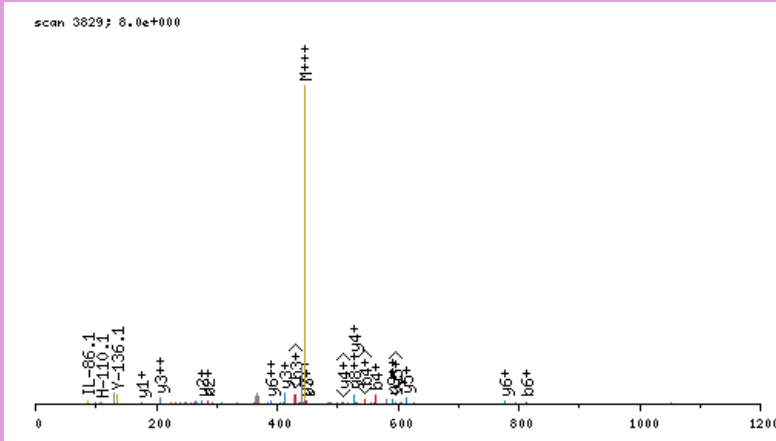
y + 2+ 3+

z + 2+ 3+

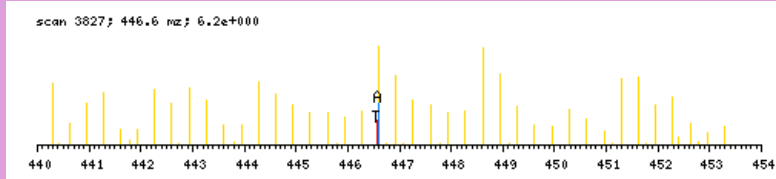
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
157.0977	1	Q	10	
286.1403	2	E	9	1181.5955
449.2036	3	Y	8	1052.5529
562.2877	4	I	7	889.4896
725.3510	5	Y	6	776.4055
812.3830	6	S	5	613.3422
925.4671	7	I	4	526.3102
1062.5260	8	H	3	413.2261
1163.5737	9	T	2	276.1672
	10	R	1	175.1195

N-term:+29.04

QIAATELEKEESR, MH+ 1559.8281, m/z 520.6142
 L OS G27 P150811 220811-s1.03309.03309.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

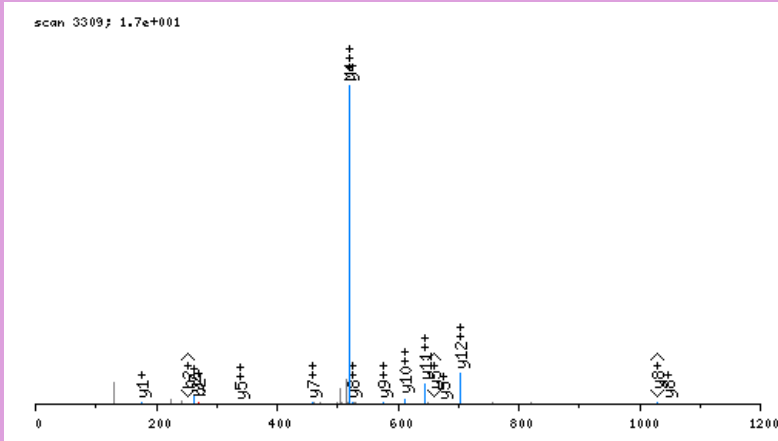
y + 2+ 3+

z + 2+ 3+

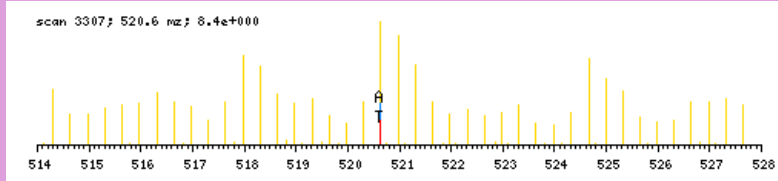
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
157.0977	1	Q	13	
270.1817	2	I	12	1403.7382
341.2189	3	A	11	1290.6542
412.2560	4	A	10	1219.6171
513.3036	5	T	9	1148.5799
642.3462	6	E	8	1047.5323
755.4303	7	L	7	918.4897
884.4729	8	E	6	805.4056
1040.5992	9	K	5	676.3630
1169.6418	10	E	4	520.2367
1298.6844	11	E	3	391.1941
1385.7164	12	S	2	262.1515
	13	R	1	175.1195

N-term:+29.04 K(9):+156.13

QKAPQVSTPTLVAAAR, MH+ 1752.0020, m/z 584.6722
 L OS G26 P150811 220811-s1.03393.03393.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

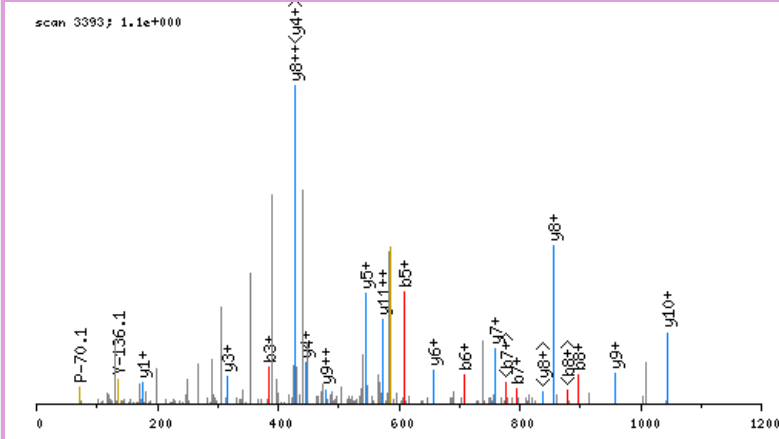
y + 2+ 3+

z + 2+ 3+

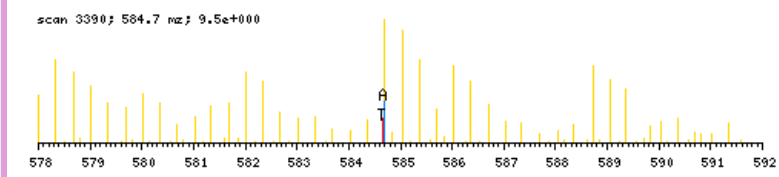
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
157.0977	1	Q 16		
313.2240	2	K 15	1595.9121	798.4600
384.2611	3	A 14	1439.7858	720.3968
481.3139	4	P 13	1368.7487	684.8783
609.3724	5	Q 12	1271.6959	636.3519
708.4408	6	V 11	1143.6374	572.3226
795.4729	7	S 10	1044.5689	522.7884
896.5206	8	T 9	957.5369	479.2724
993.5733	9	P 8	856.4892	428.7485
1094.6210	10	T 7	759.4365	380.2222
1207.7051	11	L 6	658.3888	329.6983
1306.7735	12	V 5	545.3047	273.1563
1435.8161	13	E 4	446.2363	223.6221
1506.8532	14	A 3	317.1937	159.1008
1577.8903	15	A 2	246.1566	123.5822
	16	R 1	175.1195	88.0637

N-term:+29.04 K(2):+156.13

QLVDSGKVDDEAR, MH+ 1372.7436, m/z 458.2527
 L OS G27 P150811 220811-s1.02690.02690.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

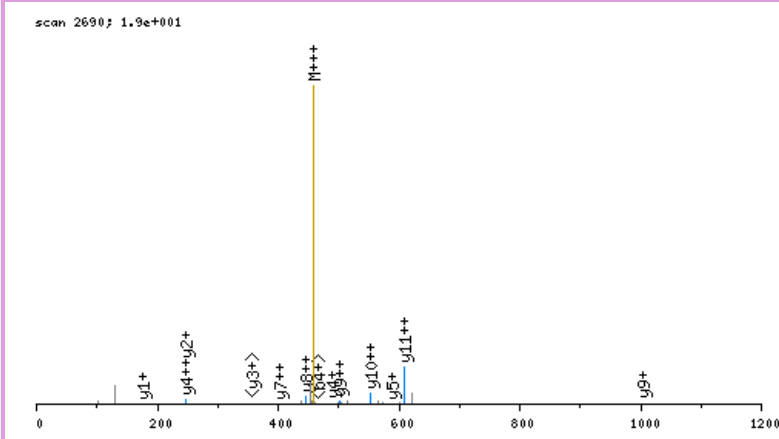
y + 2+ 3+

z + 2+ 3+

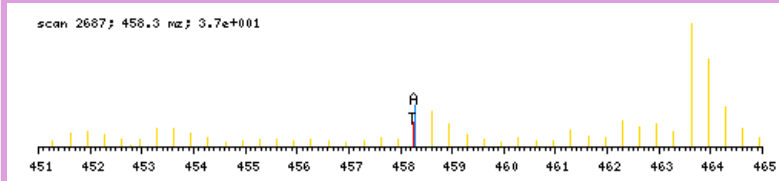
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
157.0977	1	Q	12	
270.1817	2	L	11	1216.6538
369.2502	3	V	10	1103.5697
484.2771	4	D	9	1004.5013
571.3091	5	S	8	889.4744
628.3306	6	G	7	802.4423
784.4569	7	K	6	745.4209
883.5253	8	V	5	589.2946
998.5522	9	D	4	490.2262
1127.5948	10	E	3	375.1992
1198.6320	11	A	2	246.1566
	12	R	1	175.1195

N-term:+29.04 K(7):+156.13

QMMNPGLPESVLDINECLR, MH+ 2244.0826, m/z 561.7761
 L OS G26 P150811 220811-s1.06344.06344.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

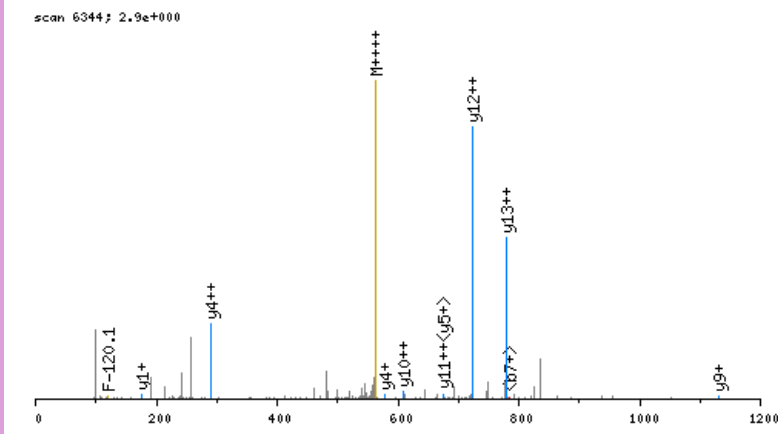
y + 2+ 3+

z + 2+ 3+

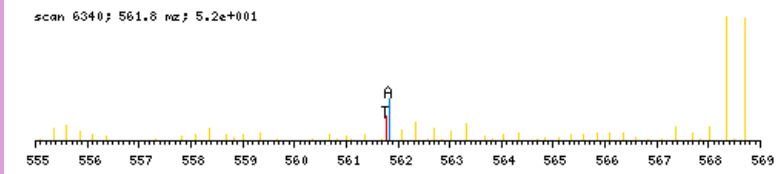
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
157.0977	1	Q	19	
288.1382	2	M	18	2087.9927
419.1786	3	M	17	1956.9523
533.2216	4	N	16	1825.9118
630.2743	5	P	15	1711.8688
687.2958	6	G	14	1614.8161
800.3799	7	L	13	1557.7946
897.4326	8	P	12	1444.7106
1026.4752	9	E	11	1347.6578
1113.5073	10	S	10	1218.6152
1212.5757	11	V	9	1131.5832
1325.6597	12	L	8	1032.5148
1440.6867	13	D	7	919.4307
1553.7707	14	I	6	804.4037
1667.8137	15	N	5	691.3197
1796.8563	16	E	4	577.2768
1956.8869	17	C	3	448.2342
2069.9709	18	L	2	288.2036
	19	R	1	175.1195

N-term:+29.04 C(17):+160.03

QPGLPAVLSSPSPPLSPR, MH+ 1828.0332, m/z 457.7638
 L OS G28 P150811 220811-s1.01896.01896.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

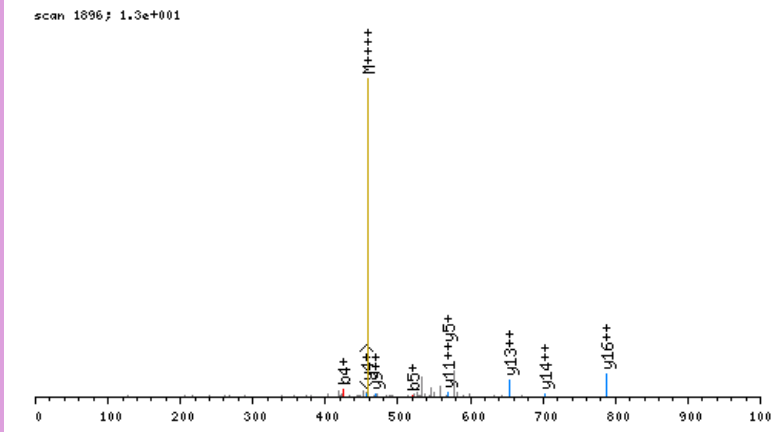
y + 2+ 3+

z + 2+ 3+

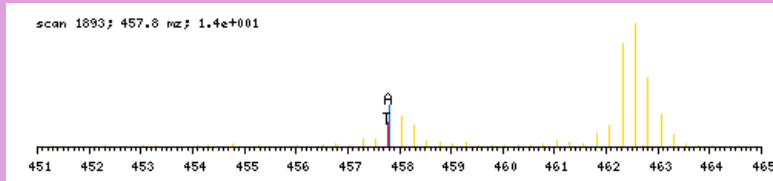
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
157.0977	1	Q 18		
254.1504	2	P 17	1671.9434	836.4756
311.1719	3	G 16	1574.8906	787.9492
424.2560	4	L 15	1517.8692	759.4385
521.3087	5	P 14	1404.7851	702.8965
592.3458	6	A 13	1307.7323	654.3701
691.4143	7	V 12	1236.6952	618.8515
804.4983	8	L 11	1137.6268	569.3173
891.5304	9	S 10	1024.5427	512.7753
978.5624	10	S 9	937.5107	469.2593
1075.6151	11	P 8	850.4787	425.7433
1162.6472	12	S 7	753.4259	377.2169
1259.6999	13	P 6	666.3939	333.7009
1356.7527	14	P 5	569.3411	285.1745
1469.8368	15	L 4	472.2884	236.6481
1556.8688	16	S 3	359.2043	180.1061
1653.9216	17	P 2	272.1723	136.5900
	18	R 1	175.1195	88.0637

N-term:+29.04

QPHLSVSSAANGHLGR, MH+ 1664.9045, m/z 555.6397
 H OS G24 P150811 220811-s1.04903.04903.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

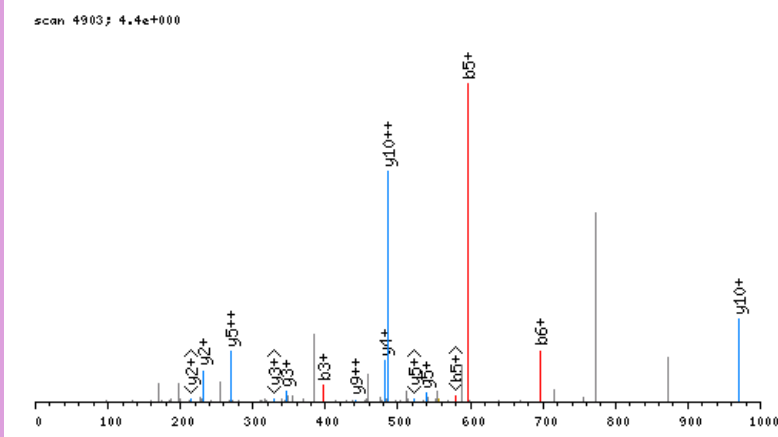
y + 2+ 3+

z + 2+ 3+

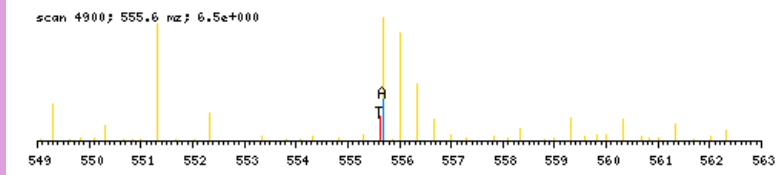
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
163.1295	1	Q 16		
260.1822	2	P 15	1502.7828	751.8953
397.2412	3	H 14	1405.7300	703.3689
510.3252	4	L 13	1268.6711	634.8395
597.3572	5	S 12	1155.5871	578.2974
696.4257	6	V 11	1068.5550	534.7814
783.4577	7	S 10	969.4866	485.2472
870.4897	8	S 9	882.4546	441.7312
941.5268	9	A 8	795.4226	398.2152
1012.5639	10	A 7	724.3854	362.6966
1126.6069	11	N 6	653.3483	327.1781
1183.6283	12	G 5	539.3054	270.1566
1320.6872	13	H 4	482.2839	241.6459
1433.7713	14	L 3	345.2250	173.1164
1490.7928	15	G 2	232.1410	116.5744
	16	R 1	175.1195	88.0637

N-term:+35.07

QPSALALEPEALR, MH+ 1428.8274, m/z 476.9473
 H OS G27 P150811 220811-s1.06668.06668.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

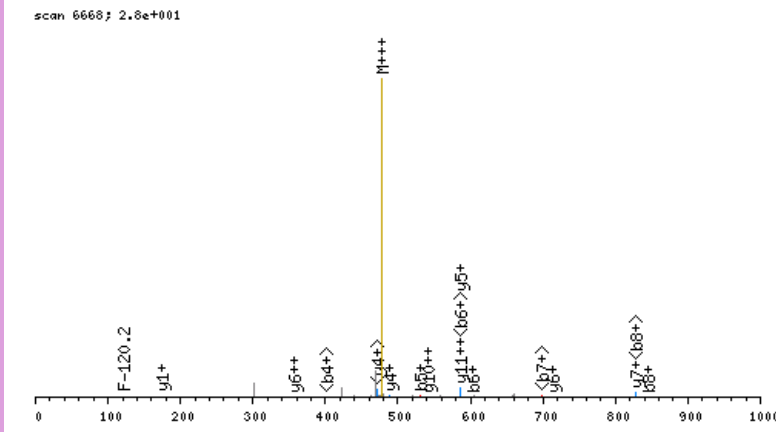
y + 2+ 3+

z + 2+ 3+

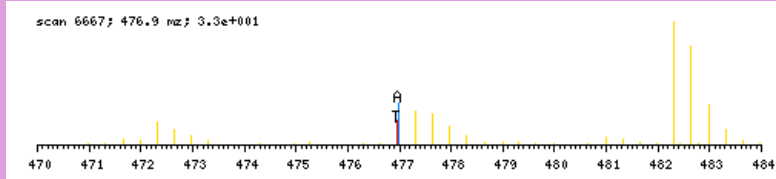
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
163.1295	1	Q 13		
260.1822	2	P 12	1266.7058	633.8568
347.2143	3	S 11	1169.6530	585.3304
418.2514	4	A 10	1082.6210	541.8144
531.3354	5	L 9	1011.5839	506.2958
602.3726	6	A 8	898.4998	449.7538
715.4566	7	L 7	827.4627	414.2353
844.4992	8	E 6	714.3786	357.6932
941.5520	9	P 5	585.3360	293.1719
1070.5946	10	E 4	488.2833	244.6455
1141.6317	11	A 3	359.2407	180.1243
1254.7158	12	L 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+35.07

QSNVDELGCShLQSYESR, MH+ 2200.0152, m/z 734.0099
 H OS G27 P150811 220811-s1.04219.04219.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

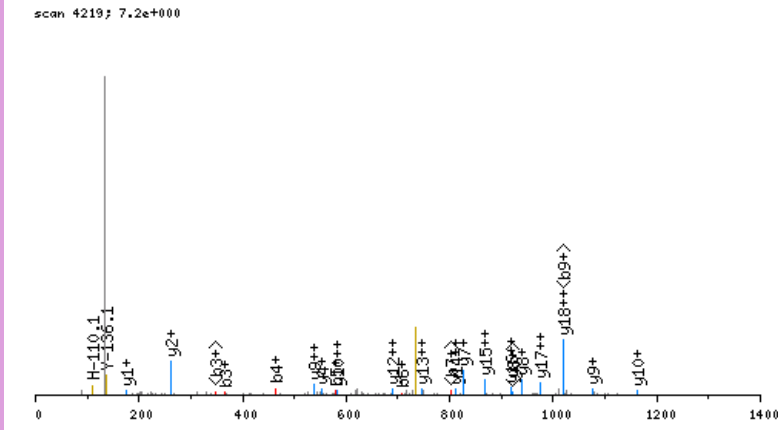
y + 2+ 3+

z + 2+ 3+

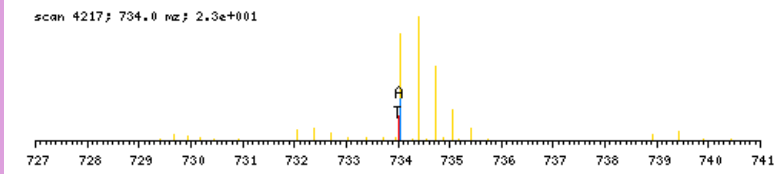
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



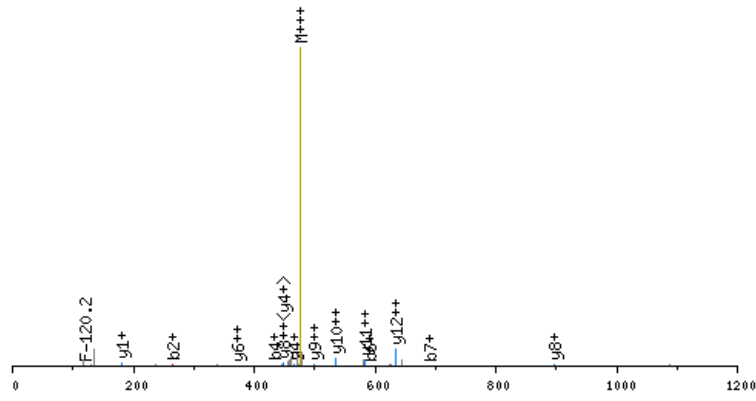
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
163.1295	1	Q	19		
250.1615	2	S	18	2037.8936	1019.4507
364.2044	3	N	17	1950.8615	975.9347
463.2728	4	V	16	1836.8186	918.9132
578.2998	5	D	15	1737.7502	869.3790
707.3424	6	E	14	1622.7232	811.8655
820.4264	7	L	13	1493.6807	747.3442
877.4479	8	G	12	1380.5966	690.8022
1037.4785	9	C	11	1323.5751	662.2915
1124.5105	10	S	10	1163.5445	582.2762
1261.5695	11	H	9	1076.5125	538.7602
1374.6535	12	L	8	939.4536	470.2307
1431.6750	13	G	7	826.3695	413.6887
1559.7336	14	Q	6	769.3481	385.1779
1646.7656	15	S	5	641.2895	321.1487
1809.8289	16	Y	4	554.2575	277.6326
1938.8715	17	E	3	391.1941	196.1010
2025.9035	18	S	2	262.1515	131.5797
	19	R	1	175.1195	88.0637

N-term:+35.07 C(9):+160.03

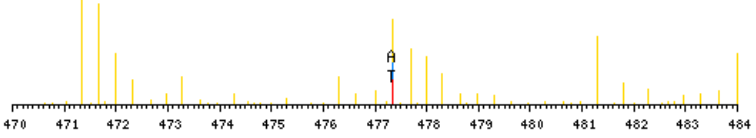
QTVAVGVIKAVDK, MH+ 1429.9843, m/z 477.3329
 H OS G26 P150811 220811-s1.03756.03756.3.dta

scan 3756; 2.2e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 3755; 477.3 m/z; 3.6e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
163.1295	1	Q	13		
264.1772	2	T	12	1267.8626	634.4352
363.2456	3	V	11	1166.8149	583.9114
434.2827	4	A	10	1067.7465	534.3772
533.3511	5	V	9	996.7094	498.8586
590.3726	6	G	8	897.6410	449.3244
689.4410	7	V	7	840.6195	420.8137
802.5250	8	I	6	741.5511	371.2795
964.6831	9	K	5	628.4671	314.7374
1035.7203	10	A	4	466.3090	233.6584
1134.7887	11	V	3	395.2718	198.1398
1249.8156	12	D	2	296.2034	148.6056
	13	K	1	181.1765	91.0922

N-term:+35.07 K(9):+162.16
 K(13):+162.16

QTVAVGVKAVDKK, MH+ 1568.0152, m/z 392.7593
 L OS G28 P150811 220811-s1.04409.04409.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

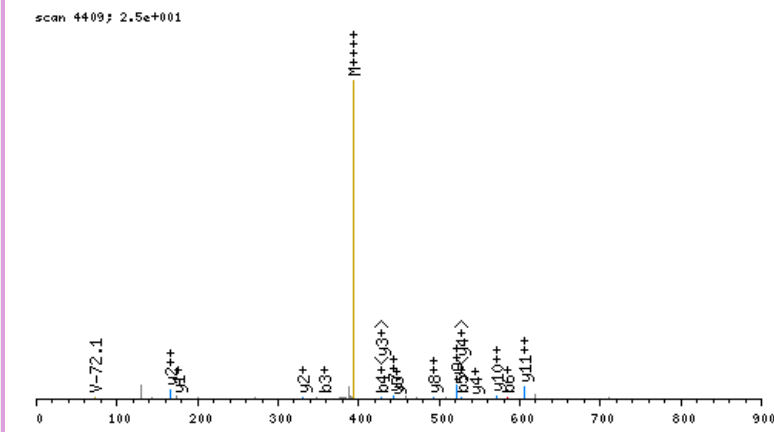
y + 2+ 3+

z + 2+ 3+

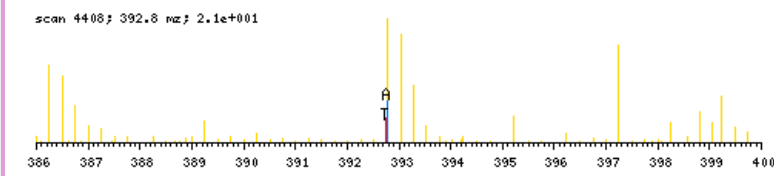
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
157.0977	1	Q	14	
258.1454	2	T	13	1411.9253
357.2138	3	V	12	1310.8776
428.2509	4	A	11	1211.8092
527.3193	5	V	10	1140.7721
584.3408	6	G	9	1041.7037
683.4092	7	V	8	984.6822
796.4932	8	I	7	885.6138
952.6195	9	K	6	772.5298
1023.6567	10	A	5	616.4035
1122.7251	11	V	4	545.3663
1237.7520	12	D	3	446.2979
1393.8783	13	K	2	331.2710
	14	K	1	175.1447

N-term:+29.04 K(9):+156.13
 K(13):+156.13 K(14):+156.13

QYSDKGVSSGPGPMGLMGP, MH+ 2089.0847, m/z 697.0331
 H OS G26 P150811 220811-s1.04544.04544.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

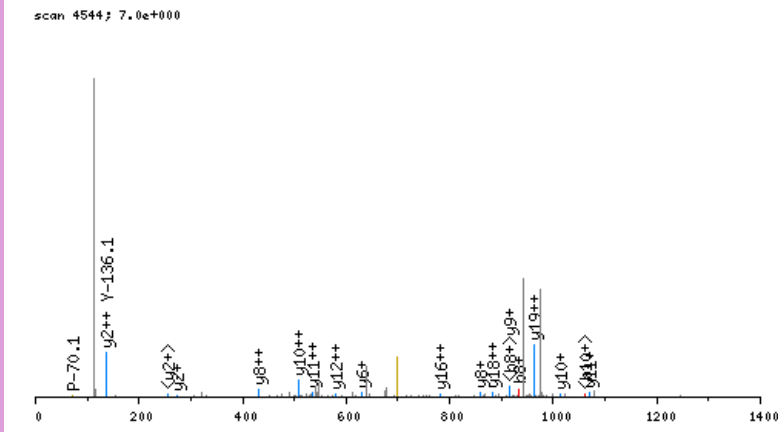
y + 2+ 3+

z + 2+ 3+

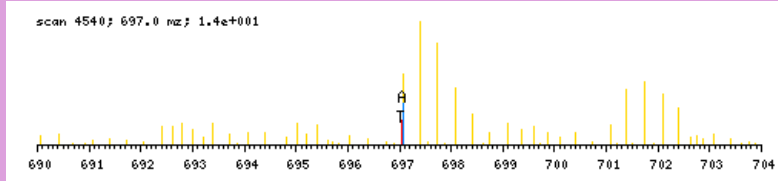
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
163.1295	1	Q 20		
326.1928	2	Y 19	1926.9630	963.9854
413.2248	3	S 18	1763.8997	882.4538
528.2518	4	D 17	1676.8677	838.9377
690.4099	5	K 16	1561.8407	781.4243
747.4313	6	G 15	1399.6826	700.3452
846.4998	7	V 14	1342.6612	671.8345
933.5318	8	S 13	1243.5927	622.3003
1020.5638	9	S 12	1156.5607	578.7843
1077.5853	10	G 11	1069.5287	535.2683
1174.6380	11	P 10	1012.5072	506.7575
1231.6595	12	G 9	915.4545	458.2311
1328.7123	13	P 8	858.4330	429.7204
1459.7528	14	M 7	761.3802	381.1940
1516.7742	15	G 6	630.3397	315.6738
1629.8583	16	L 5	573.3183	287.1631
1760.8988	17	M 4	460.2342	230.6210
1817.9202	18	G 3	329.1937	165.1008
1914.9730	19	P 2	272.1723	136.5900
	20	R 1	175.1195	88.0637

N-term:+35.07 K(5):+162.16

RAADEEAFEDNSEEYIR, MH+ 2071.9208, m/z 691.3118
 L OS G27 P150811 220811-s1.04806.04806.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

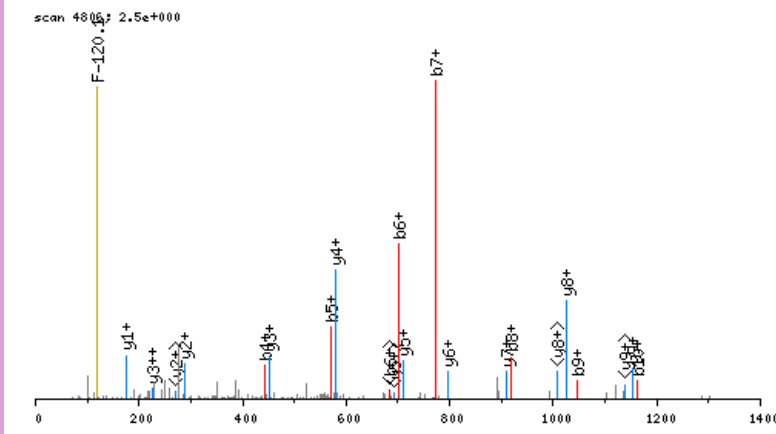
y + 2+ 3+

z + 2+ 3+

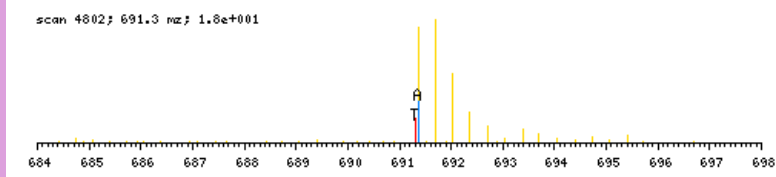
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



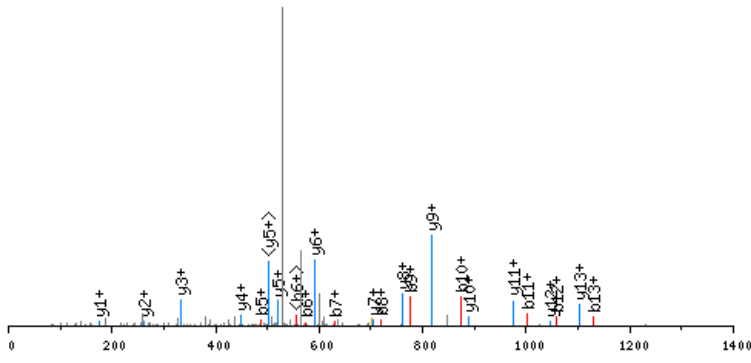
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1402	1	R 17		
256.1773	2	A 16	1887.7885	944.3981
327.2144	3	A 15	1816.7513	908.8796
442.2414	4	D 14	1745.7142	873.3610
571.2840	5	E 13	1630.6873	815.8476
700.3266	6	E 12	1501.6447	751.3263
771.3637	7	A 11	1372.6021	686.8050
918.4321	8	F 10	1301.5650	651.2864
1047.4747	9	E 9	1154.4966	577.7522
1162.5016	10	D 8	1025.4540	513.2309
1276.5446	11	N 7	910.4270	455.7174
1363.5766	12	S 6	796.3841	398.6960
1492.6192	13	E 5	709.3521	355.1800
1621.6618	14	E 4	580.3095	290.6587
1784.7251	15	Y 3	451.2669	226.1374
1897.8092	16	I 2	288.2036	144.6057
	17	R 1	175.1195	88.0637

N-term:+29.04

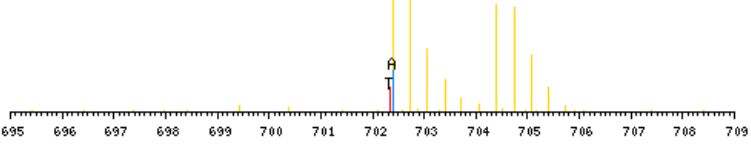
RAGSSSGVQASAGGLAADASR, MH+ 2105.0335, m/z 702.3494
 L OS G27 P150811 220811-s1.02745.02745.3.dta

scan 2745; 4.6e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 2742; 702.3 m/z; 1.3e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1402	1	R 24		
256.1773	2	A 23	1920.9011	960.9545
313.1988	3	G 22	1849.8640	925.4359
400.2308	4	S 21	1792.8426	896.9252
487.2628	5	S 20	1705.8105	853.4092
574.2949	6	S 19	1618.7785	809.8932
631.3163	7	G 18	1531.7465	766.3771
718.3484	8	S 17	1474.7250	737.8664
775.3698	9	G 16	1387.6930	694.3504
874.4382	10	V 15	1330.6715	665.8397
1002.4968	11	Q 14	1231.6031	616.3055
1059.5183	12	G 13	1103.5445	552.2762
1130.5554	13	A 12	1046.5231	523.7654
1217.5874	14	S 11	975.4859	488.2469
1288.6245	15	A 10	888.4539	444.7309
1345.6460	16	G 9	817.4168	409.2123
1402.6675	17	G 8	760.3953	380.7016
1515.7515	18	L 7	703.3739	352.1909
1586.7886	19	A 6	590.2898	295.6488
1657.8258	20	A 5	519.2527	260.1303
1772.8527	21	D 4	448.2156	224.6117
1843.8898	22	A 3	333.1886	167.0982
1930.9218	23	S 2	262.1515	131.5797
	24	R 1	175.1195	88.0637

N-term:+29.04

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

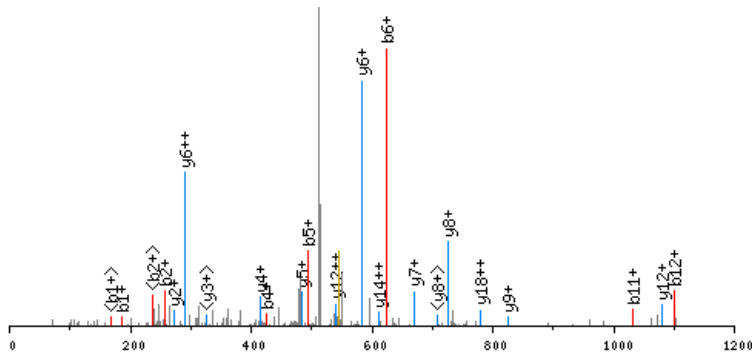
hide H₂O/NH₃

zoom 112-122

GO

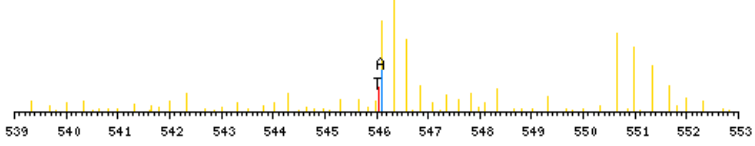
RAPAAQPPAAAAPSAVGSPAAAAPR, MH+ 2181.1892, m/z 546.0528
 L OS G26 P150811 220811-s1.02821.02821.4.dta

scan 2821; 1.9e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 2820; 546.1 m/z; 9.5e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

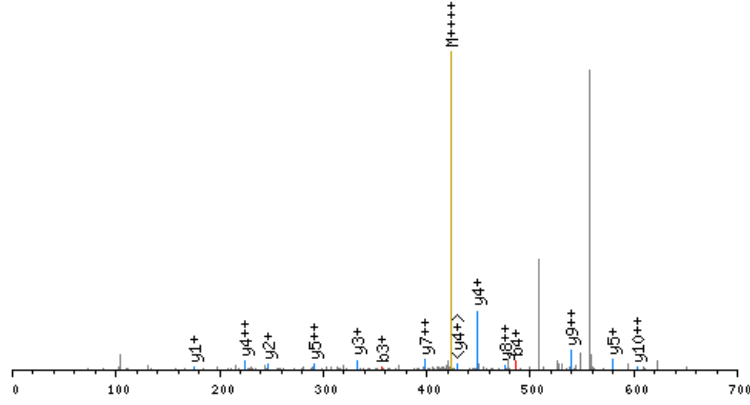
GO

b ⁺	#	AA #	y ⁺	y ²⁺
185.1402	1	R 24		
256.1773	2	A 23	1997.0568	999.0323
353.2301	3	P 22	1926.0197	963.5138
424.2672	4	A 21	1828.9670	914.9874
495.3043	5	A 20	1757.9299	879.4688
623.3629	6	Q 19	1686.8927	843.9503
720.4157	7	P 18	1558.8342	779.9210
817.4684	8	P 17	1461.7814	731.3946
888.5055	9	A 16	1364.7286	682.8682
959.5426	10	A 15	1293.6915	647.3497
1030.5798	11	A 14	1222.6544	611.8311
1101.6169	12	A 13	1151.6173	576.3126
1198.6696	13	P 12	1080.5802	540.7940
1285.7017	14	S 11	983.5274	492.2676
1356.7388	15	A 10	896.4954	448.7516
1455.8072	16	V 9	825.4583	413.2331
1512.8287	17	G 8	726.3899	363.6988
1599.8607	18	S 7	669.3684	335.1881
1696.9135	19	P 6	582.3364	291.6721
1767.9506	20	A 5	485.2836	243.1457
1838.9877	21	A 4	414.2465	207.6272
1910.0248	22	A 3	343.2094	172.1086
2007.0776	23	P 2	272.1723	136.5900
	24	R 1	175.1195	88.0637

N-term:+29.04

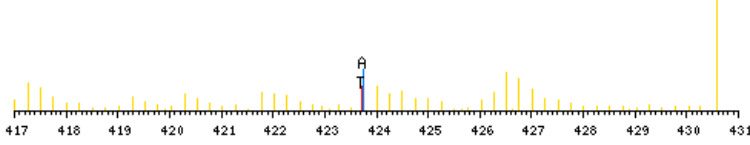
RATEQEKDVMSAR, MH+ 1691.8387, m/z 423.7151
 L OS G28 P150811 220811-s1.02096.02096.4.dta

scan 2096; 4.5e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2093; 423.7 m/z; 4.0e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
185.1402	1	R 14		
256.1773	2	A 13	1507.7063	754.3571
357.2250	3	T 12	1436.6692	718.8385
486.2676	4	E 11	1335.6215	668.3147
614.3262	5	Q 10	1206.5789	603.7934
743.3688	6	E 9	1078.5203	539.7641
899.4951	7	K 8	949.4777	475.2428
1014.5220	8	D 7	793.3514	397.1796
1113.5904	9	V 6	678.3245	339.6662
1244.6309	10	M 5	579.2561	290.1319
1359.6579	11	D 4	448.2156	224.6117
1446.6899	12	S 3	333.1886	167.0982
1517.7270	13	A 2	246.1566	123.5822
	14	R 1	175.1195	88.0637

N-term:+29.04 K(7):+156.13

RCILDSELEGIR, MH+ 1488.7844, m/z 496.9330
 L OS G27 P150811 220811-s1.05705.05705.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

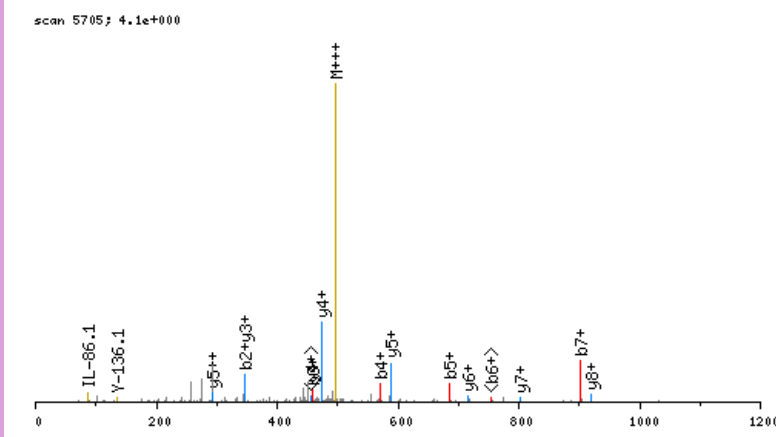
y + 2+ 3+

z + 2+ 3+

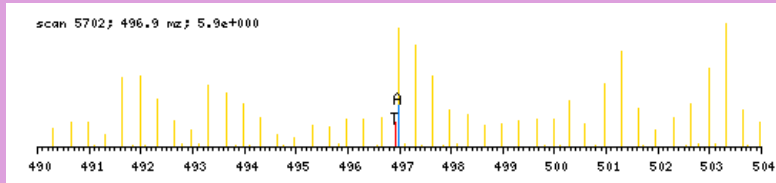
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1402	1	R 12		
345.1708	2	C 11	1304.6520	652.8299
458.2549	3	I 10	1144.6214	572.8146
571.3389	4	L 9	1031.5373	516.2726
686.3659	5	D 8	918.4533	459.7305
773.3979	6	S 7	803.4263	402.2171
902.4405	7	E 6	716.3943	358.7011
1015.5246	8	L 5	587.3517	294.1798
1144.5672	9	E 4	474.2676	237.6377
1201.5886	10	G 3	345.2250	173.1164
1314.6727	11	I 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+29.04 C(2):+160.03

RDEEVHTGLGELLR, MH+ 1657.9085, m/z 553.3077
 H OS G28 P150811 220811-s1.05671.05671.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

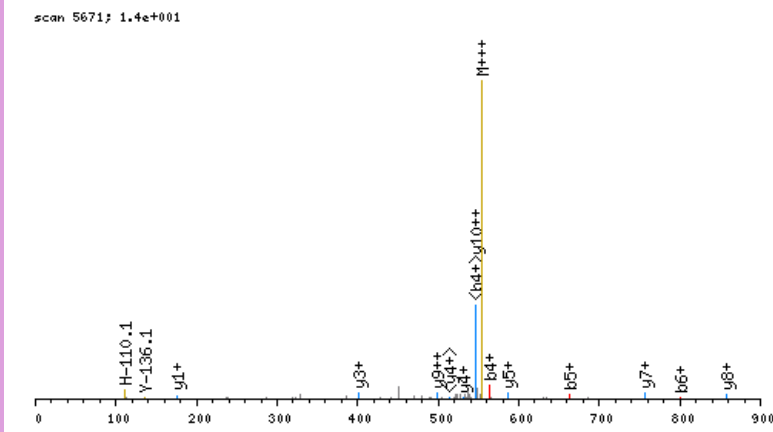
y + 2+ 3+

z + 2+ 3+

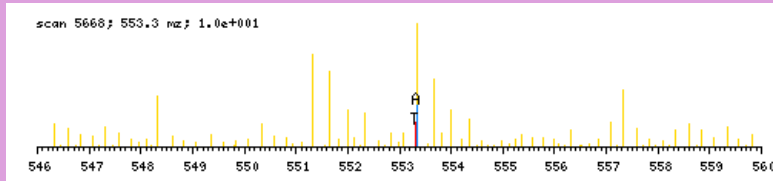
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
191.1720	1	R 14		
306.1990	2	D 13	1467.7443	734.3761
435.2415	3	E 12	1352.7174	676.8626
564.2841	4	E 11	1223.6748	612.3413
663.3526	5	V 10	1094.6322	547.8200
800.4115	6	H 9	995.5638	498.2858
901.4591	7	T 8	858.5049	429.7564
958.4806	8	G 7	757.4572	379.2325
1071.5647	9	L 6	700.4357	350.7218
1128.5861	10	G 5	587.3517	294.1798
1257.6287	11	E 4	530.3302	265.6690
1370.7128	12	L 3	401.2876	201.1477
1483.7969	13	L 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+35.07

RDIDNPSAEAEER, MH+ 1400.6770, m/z 467.5638
 L OS G27 P150811 220811-s1.02040.02040.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

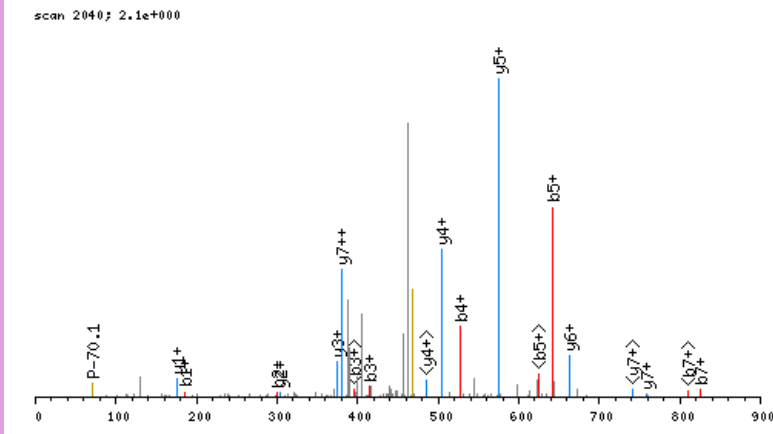
y + 2+ 3+

z + 2+ 3+

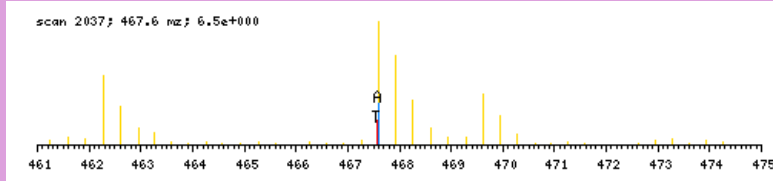
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1402	1	R 12		
300.1672	2	D 11	1216.5446	608.7762
413.2512	3	I 10	1101.5176	551.2627
528.2782	4	D 9	988.4336	494.7207
642.3211	5	N 8	873.4066	437.2072
739.3739	6	P 7	759.3637	380.1858
826.4059	7	S 6	662.3109	331.6594
897.4430	8	A 5	575.2789	288.1434
1026.4856	9	E 4	504.2418	252.6248
1097.5227	10	A 3	375.1992	188.1035
1226.5653	11	E 2	304.1621	152.5850
	12	R 1	175.1195	88.0637

N-term:+29.04

RDYEQAGSAAPSVFSR, MH+ 1774.8936, m/z 592.3027
 H OS G27 P150811 220811-s1.04094.04094.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

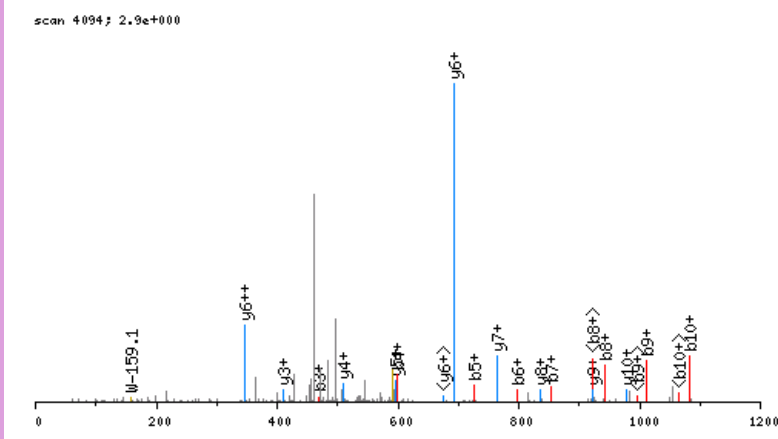
y + 2+ 3+

z + 2+ 3+

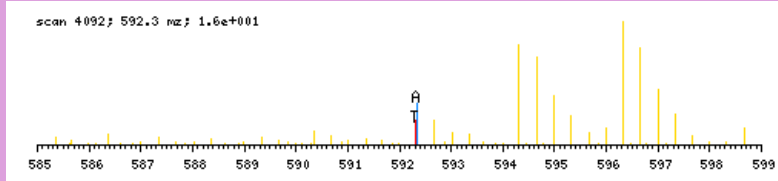
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



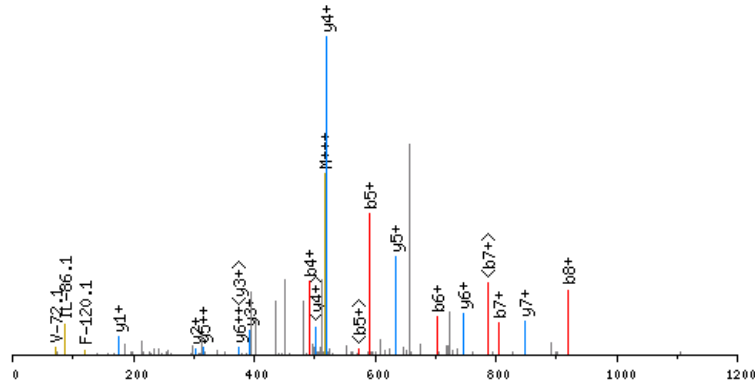
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
191.1720	1	R	16		
306.1990	2	D	15	1584.7294	792.8686
469.2623	3	Y	14	1469.7025	735.3552
598.3049	4	E	13	1306.6392	653.8235
726.3635	5	Q	12	1177.5966	589.3022
797.4006	6	A	11	1049.5380	525.2729
854.4220	7	G	10	978.5009	489.7543
941.4541	8	S	9	921.4794	461.2436
1012.4912	9	A	8	834.4474	417.7276
1083.5283	10	A	7	763.4103	382.2090
1180.5811	11	P	6	692.3731	346.6905
1267.6131	12	S	5	595.3204	298.1641
1366.6815	13	V	4	508.2884	254.6481
1513.7499	14	F	3	409.2199	205.1139
1600.7819	15	S	2	262.1515	131.5797
	16	R	1	175.1195	88.0637

N-term:+35.07

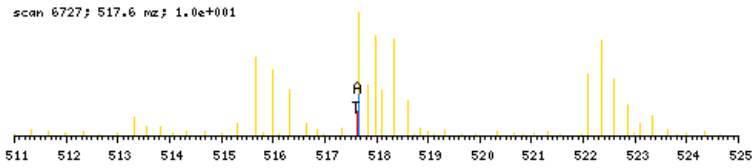
REGDVLTLLESER, MH+ 1550.8602, m/z 517.6249
 H OS G27 P150811 220811-s1.06729.06729.3.dta

scan 6729; 2.3e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6727; 517.6 m/z; 1.0e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
191.1720	1	R 13		
320.2146	2	E 12	1360.6960	680.8519
377.2361	3	G 11	1231.6534	616.3306
492.2630	4	D 10	1174.6319	587.8199
591.3314	5	V 9	1059.6050	530.3064
704.4155	6	L 8	960.5366	480.7722
805.4632	7	T 7	847.4525	424.2302
918.5472	8	L 6	746.4048	373.7063
1031.6313	9	L 5	633.3208	317.1643
1160.6739	10	E 4	520.2367	260.6223
1247.7059	11	S 3	391.1941	196.1010
1376.7485	12	E 2	304.1621	152.5850
	13	R 1	175.1195	88.0637

N-term:+35.07

REGPCAVNLVLR, MH+ 1411.7843, m/z 471.2663
 L OS G27 P150811 220811-s1.04836.04836.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

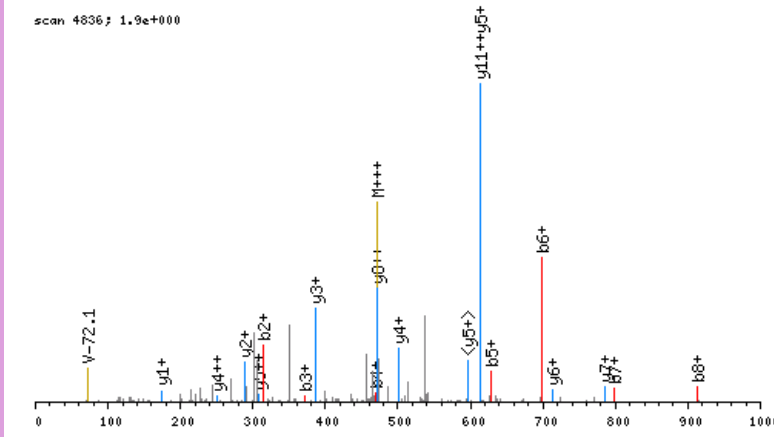
y + 2+ 3+

z + 2+ 3+

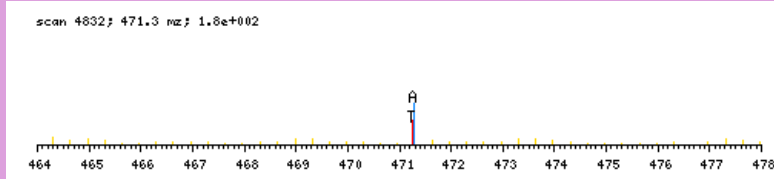
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
185.1402	1	R	12		
314.1828	2	E	11	1227.6519	614.3299
371.2043	3	G	10	1098.6093	549.8086
468.2570	4	P	9	1041.5879	521.2978
628.2876	5	C	8	944.5351	472.7715
699.3247	6	A	7	784.5045	392.7562
798.3932	7	V	6	713.4674	357.2376
912.4361	8	N	5	614.3990	307.7034
1025.5202	9	L	4	500.3560	250.6819
1124.5886	10	V	3	387.2720	194.1399
1237.6726	11	L	2	288.2036	144.6057
	12	R	1	175.1195	88.0637

N-term:+29.04 C(5):+160.03

RELEGEVENEQKR, MH+ 1683.9302, m/z 421.7380
 H OS G28 P150811 220811-s1.01940.01940.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

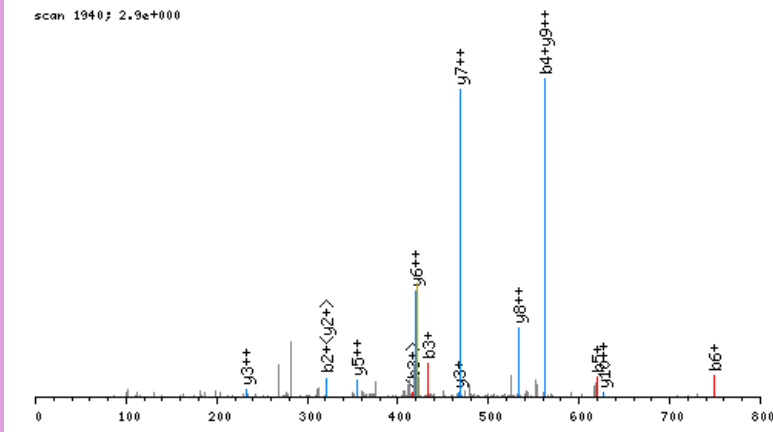
y + 2+ 3+

z + 2+ 3+

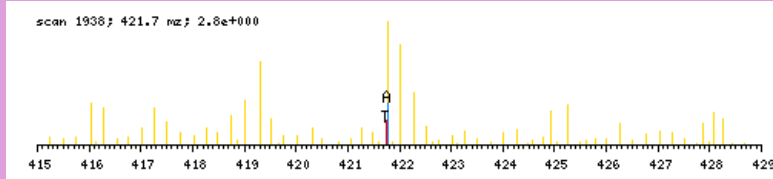
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



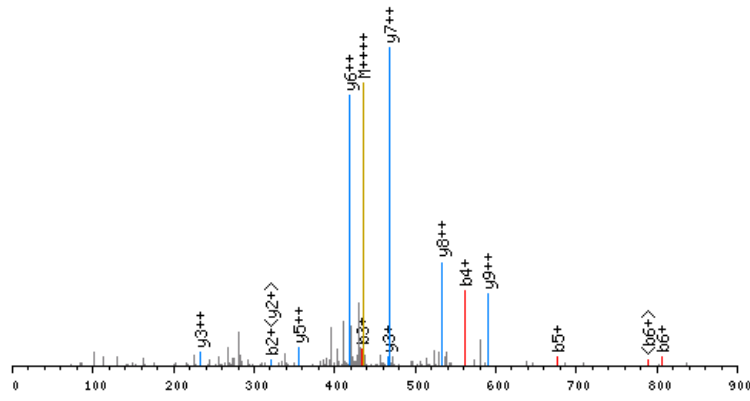
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
191.1720	1	R 13		
320.2146	2	E 12	1493.7660	747.3869
433.2987	3	L 11	1364.7234	682.8656
562.3413	4	E 10	1251.6394	626.3236
619.3627	5	G 9	1122.5968	561.8023
748.4053	6	E 8	1065.5753	533.2916
847.4737	7	V 7	936.5327	468.7703
976.5163	8	E 6	837.4643	419.2361
1090.5593	9	N 5	708.4217	354.7148
1219.6018	10	E 4	594.3788	297.6933
1347.6604	11	Q 3	465.3362	233.1720
1509.8185	12	K 2	337.2776	169.1427
	13	R 1	175.1195	88.0637

N-term:+35.07 K(12):+162.16

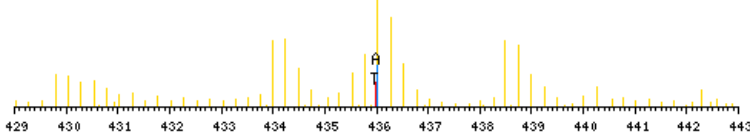
RELENEVENEQKR, MH+ 1740.9517, m/z 435.9934
 H OS G28 P150811 220811-s1.02039.02039.4.dta

scan 2039; 2.5e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2038; 436.0 m/z; 2.2e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
191.1720	1	R 13		
320.2146	2	E 12	1550.7875	775.8977
433.2987	3	L 11	1421.7449	711.3764
562.3413	4	E 10	1308.6608	654.8343
676.3842	5	N 9	1179.6182	590.3130
805.4268	6	E 8	1065.5753	533.2916
904.4952	7	V 7	936.5327	468.7703
1033.5378	8	E 6	837.4643	419.2361
1147.5807	9	N 5	708.4217	354.7148
1276.6233	10	E 4	594.3788	297.6933
1404.6819	11	Q 3	465.3362	233.1720
1566.8400	12	K 2	337.2776	169.1427
	13	R 1	175.1195	88.0637

N-term:+35.07 K(12):+162.16

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

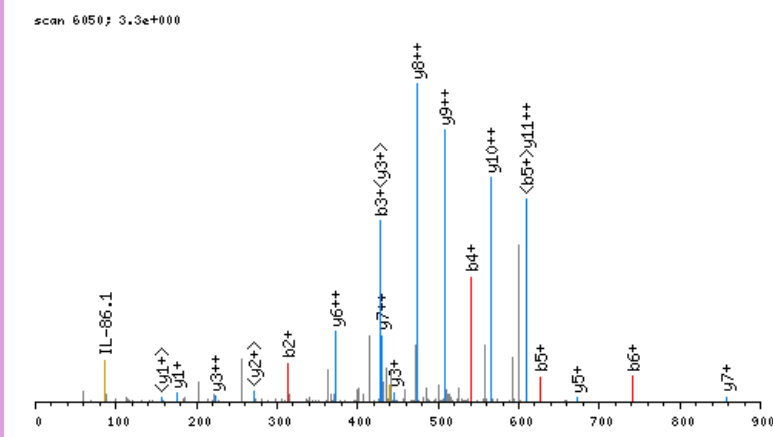
y + 2+ 3+

z + 2+ 3+

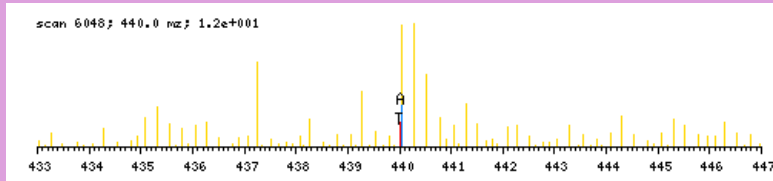
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1402	1	R 15		
314.1828	2	E 14	1572.8597	786.9338
427.2669	3	L 13	1443.8172	722.4125
540.3509	4	I 12	1330.7331	665.8705
627.3830	5	S 11	1217.6490	609.3284
741.4259	6	N 10	1130.6170	565.8124
812.4630	7	A 9	1016.5741	508.7909
899.4950	8	S 8	945.5370	473.2724
1014.5220	9	D 7	858.5049	429.7564
1085.5591	10	A 6	743.4780	372.2429
1198.6432	11	L 5	672.4409	336.7243
1313.6701	12	D 4	559.3568	280.1823
1469.7964	13	K 3	444.3299	222.6688
1582.8805	14	I 2	288.2036	144.6057
	15	R 1	175.1195	88.0637

N-term:+29.04 K(13):+156.13

REPIDNLTPEER, MH+ 1496.7709, m/z 499.5951
 L OS G27 P150811 220811-s1.03576.03576.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

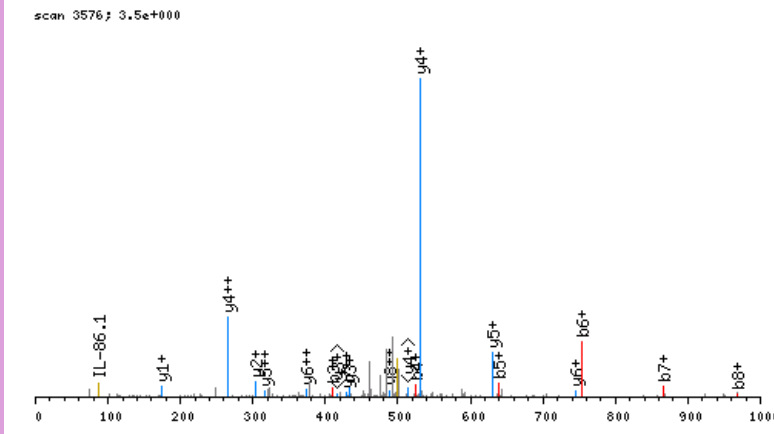
y + 2+ 3+

z + 2+ 3+

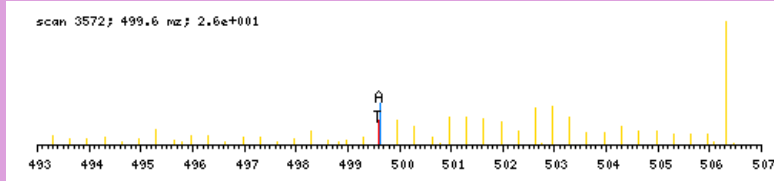
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1402	1	R 12		
314.1828	2	E 11	1312.6385	656.8232
411.2356	3	P 10	1183.5959	592.3019
524.3196	4	I 9	1086.5431	543.7755
639.3466	5	D 8	973.4591	487.2334
753.3895	6	N 7	858.4321	429.7200
866.4736	7	L 6	744.3892	372.6985
967.5212	8	T 5	631.3051	316.1565
1064.5740	9	P 4	530.2575	265.6326
1193.6166	10	E 3	433.2047	217.1063
1322.6592	11	E 2	304.1621	152.5850
	12	R 1	175.1195	88.0637

N-term:+29.04

RETNLESPLVDTHSKR, MH+ 2051.1249, m/z 513.5367
 L OS G28 P150811 220811-s1.04584.04584.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

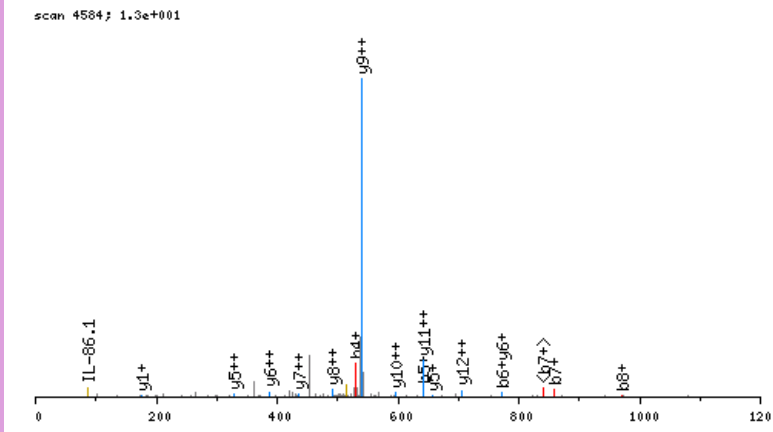
y + 2+ 3+

z + 2+ 3+

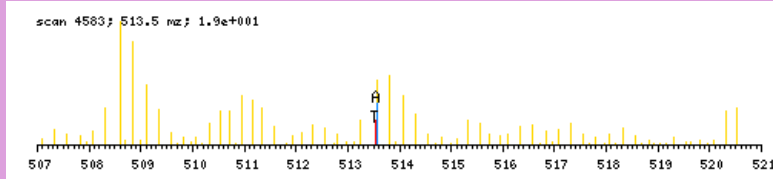
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
185.1402	1	R	17		
314.1828	2	E	16	1866.9926	934.0002
415.2305	3	T	15	1737.9500	869.4789
529.2734	4	N	14	1636.9023	818.9551
642.3575	5	L	13	1522.8594	761.9336
771.4001	6	E	12	1409.7753	705.3916
858.4321	7	S	11	1280.7327	640.8703
971.5162	8	L	10	1193.7007	597.3542
1068.5689	9	P	9	1080.6166	540.8122
1181.6530	10	L	8	983.5638	492.2858
1280.7214	11	V	7	870.4798	435.7438
1395.7483	12	D	6	771.4114	386.2096
1496.7960	13	T	5	656.3844	328.6961
1633.8549	14	H	4	555.3367	278.1723
1720.8870	15	S	3	418.2778	209.6428
1877.0133	16	K	2	331.2458	166.1268
	17	R	1	175.1195	88.0637

N-term:+29.04 K(16):+156.13

RGDDGIFDDNFIEER, MH+ 1831.8675, m/z 611.2940
 H OS G27 P150811 220811-s1.06554.06554.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

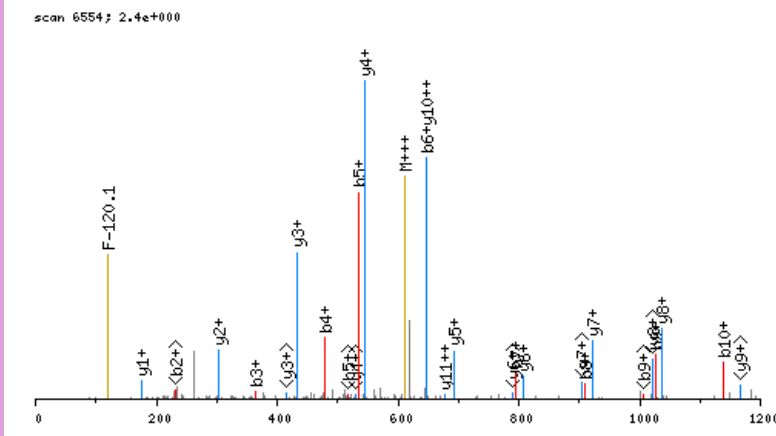
y + 2+ 3+

z + 2+ 3+

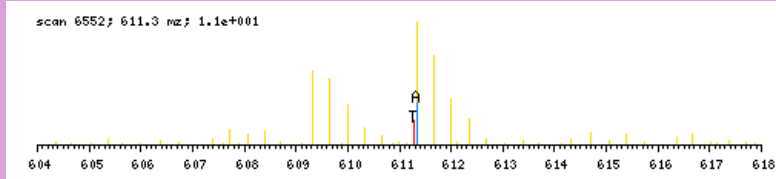
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
191.1720	1	R 15		
248.1935	2	G 14	1641.7033	821.3555
363.2204	3	D 13	1584.6818	792.8448
478.2474	4	D 12	1469.6549	735.3313
535.2688	5	G 11	1354.6279	677.8179
648.3529	6	I 10	1297.6065	649.3071
795.4213	7	F 9	1184.5224	592.7651
910.4482	8	D 8	1037.4540	519.2309
1025.4752	9	D 7	922.4270	461.7174
1139.5181	10	N 6	807.4001	404.2040
1286.5865	11	F 5	693.3572	347.1825
1399.6706	12	I 4	546.2888	273.6483
1528.7132	13	E 3	433.2047	217.1063
1657.7558	14	E 2	304.1621	152.5850
	15	R 1	175.1195	88.0637

N-term:+35.07

RGDEGIFEESFIEER, MH+ 1846.9035, m/z 616.3060
 H OS G27 P150811 220811-s1.06526.06526.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

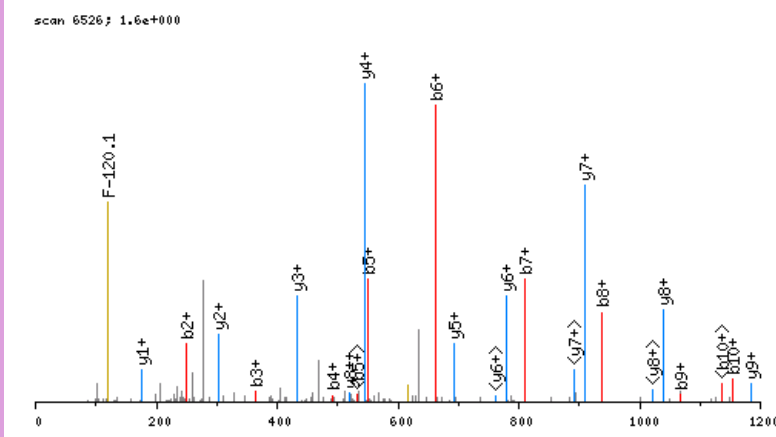
y + 2+ 3+

z + 2+ 3+

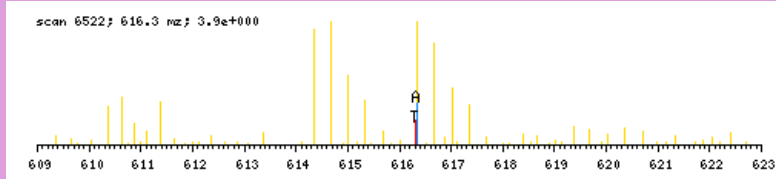
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
191.1720	1	R 15		
248.1935	2	G 14	1656.7393	828.8736
363.2204	3	D 13	1599.7179	800.3628
492.2630	4	E 12	1484.6909	742.8494
549.2845	5	G 11	1355.6483	678.3281
662.3685	6	I 10	1298.6269	649.8173
809.4370	7	F 9	1185.5428	593.2753
938.4795	8	E 8	1038.4744	519.7411
1067.5221	9	E 7	909.4318	455.2198
1154.5542	10	S 6	780.3892	390.6985
1301.6226	11	F 5	693.3572	347.1825
1414.7066	12	I 4	546.2888	273.6483
1543.7492	13	E 3	433.2047	217.1063
1672.7918	14	E 2	304.1621	152.5850
	15	R 1	175.1195	88.0637

N-term:+35.07

RGETGPAGPAGPIGPAGAR, MH+ 1722.9463, m/z 574.9870
 H OS G27 P150811 220811-s1.02921.02921.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

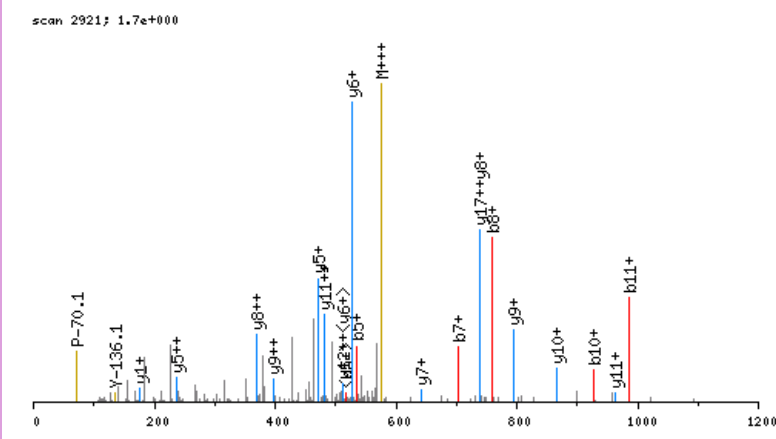
y + 2+ 3+

z + 2+ 3+

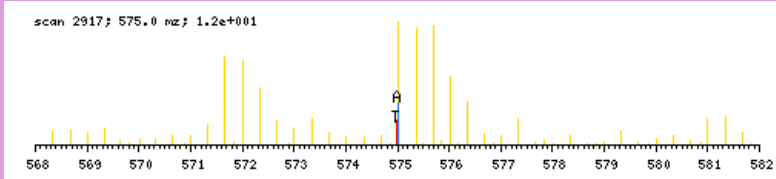
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
191.1720	1	R 19		
248.1935	2	G 18	1532.7821	766.8950
377.2361	3	E 17	1475.7607	738.3842
478.2837	4	T 16	1346.7181	673.8629
535.3052	5	G 15	1245.6704	623.3391
632.3580	6	P 14	1188.6489	594.8284
703.3951	7	A 13	1091.5962	546.3020
760.4166	8	G 12	1020.5591	510.7834
857.4693	9	P 11	963.5376	482.2727
928.5064	10	A 10	866.4848	433.7463
985.5279	11	G 9	795.4477	398.2278
1082.5807	12	P 8	738.4262	369.7170
1195.6647	13	I 7	641.3735	321.1907
1252.6862	14	G 6	528.2894	264.6486
1349.7389	15	P 5	471.2680	236.1379
1420.7761	16	A 4	374.2152	187.6115
1477.7975	17	G 3	303.1781	152.0930
1548.8346	18	A 2	246.1566	123.5822
	19	R 1	175.1195	88.0637

N-term:+35.07

RGGKNVGGPGLSKSR, MH+ 1553.9240, m/z 518.6462
 L OS G27 P150811 220811-s1.02691.02691.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

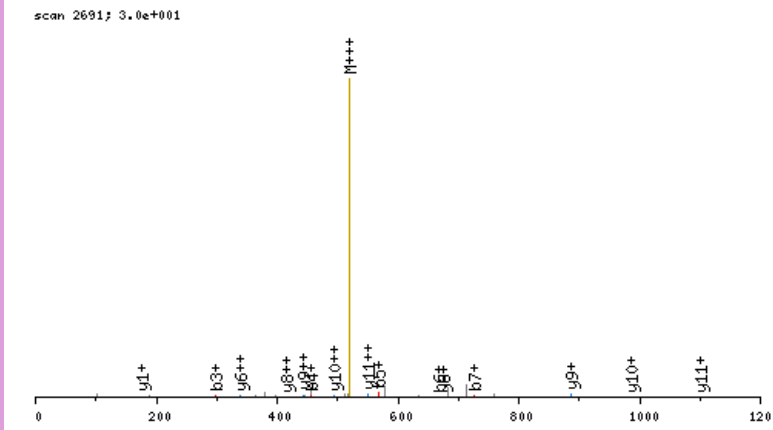
y + 2+ 3+

z + 2+ 3+

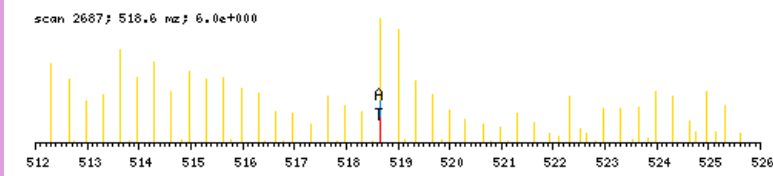
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1402	1	R	15	
242.1617	2	G	14	1369.7916
299.1831	3	G	13	1312.7702
455.3094	4	K	12	1255.7487
569.3524	5	N	11	1099.6224
668.4208	6	V	10	985.5795
725.4422	7	G	9	886.5111
782.4637	8	G	8	829.4896
879.5165	9	P	7	772.4681
936.5379	10	G	6	675.4154
1049.6220	11	L	5	618.3939
1136.6540	12	S	4	505.3099
1292.7803	13	K	3	418.2778
1379.8124	14	S	2	262.1515
	15	R	1	175.1195

N-term:+29.04 K(4):+156.13
 K(13):+156.13

RGQVGDLSPQQQEALAR, MH+ 1887.0260, m/z 629.6802
 H OS G27 P150811 220811-s1.04054.04054.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

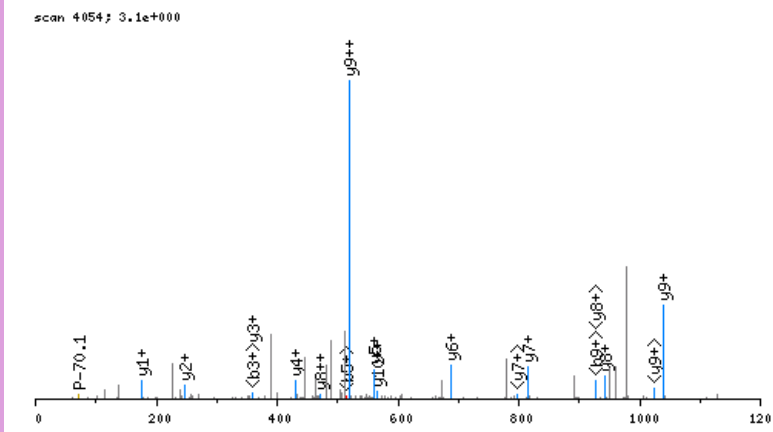
y + 2+ 3+

z + 2+ 3+

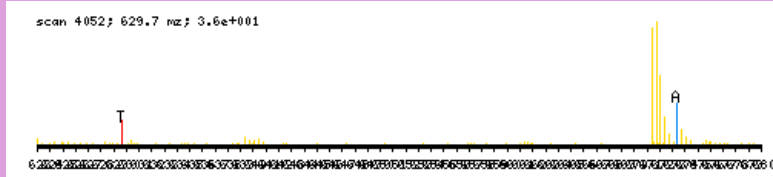
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
191.1720	1	R 17		
248.1935	2	G 16	1696.8618	848.9348
376.2521	3	Q 15	1639.8404	820.4241
475.3205	4	V 14	1511.7818	756.3948
532.3419	5	G 13	1412.7134	706.8606
647.3689	6	D 12	1355.6919	678.3499
760.4529	7	L 11	1240.6650	620.8364
847.4850	8	S 10	1127.5809	564.2944
944.5377	9	P 9	1040.5489	520.7784
1072.5963	10	Q 8	943.4961	472.2520
1200.6549	11	Q 7	815.4375	408.2227
1328.7135	12	Q 6	687.3790	344.1934
1457.7561	13	E 5	559.3204	280.1641
1528.7932	14	A 4	430.2778	215.6428
1641.8772	15	L 3	359.2407	180.1243
1712.9143	16	A 2	246.1566	123.5822
	17	R 1	175.1195	88.0637

N-term:+35.07

RIRPQFIGDIHGR, MH+ 1592.9137, m/z 398.9839
 L OS G28 P150811 220811-s1.02124.02124.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

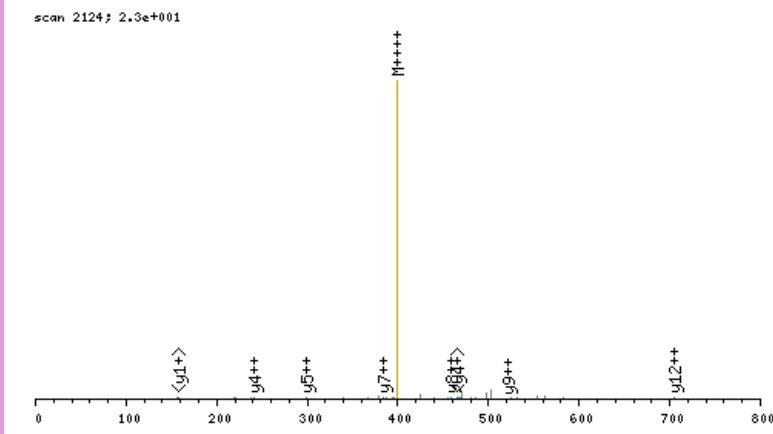
y + 2+ 3+

z + 2+ 3+

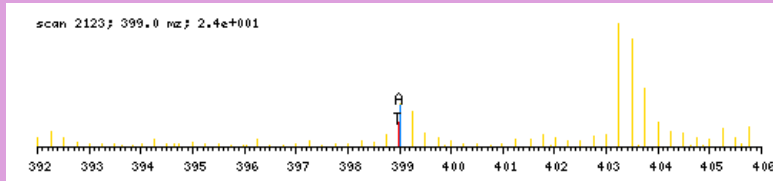
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1402	1	R 13		
298.2243	2	I 12	1408.7813	704.8946
454.3254	3	R 11	1295.6973	648.3526
551.3781	4	P 10	1139.5962	570.3020
679.4367	5	Q 9	1042.5434	521.7756
826.5051	6	F 8	914.4848	457.7463
939.5892	7	I 7	767.4164	384.2121
996.6107	8	G 6	654.3323	327.6701
1111.6376	9	D 5	597.3109	299.1594
1224.7217	10	I 4	482.2839	241.6459
1361.7806	11	H 3	369.1999	185.1039
1418.8021	12	G 2	232.1410	116.5744
	13	R 1	175.1195	88.0637

N-term:+29.04

RIVEDEPNKICEADR, MH+ 1899.9598, m/z 475.7454
 L OS G28 P150811 220811-s1.02901.02901.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

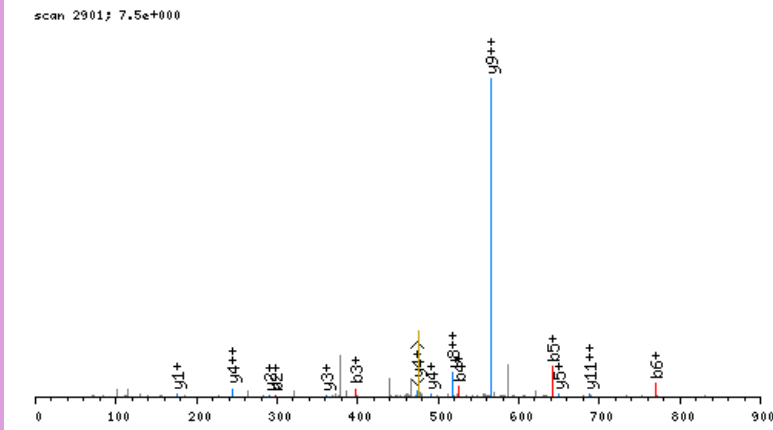
y + 2+ 3+

z + 2+ 3+

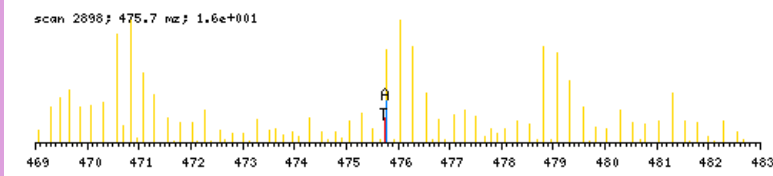
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
185.1402	1	R	15		
298.2243	2	I	14	1715.8274	858.4176
397.2927	3	V	13	1602.7433	801.8756
526.3353	4	E	12	1503.6749	752.3414
641.3622	5	D	11	1374.6323	687.8201
770.4048	6	E	10	1259.6054	630.3066
867.4576	7	P	9	1130.5628	565.7853
981.5005	8	N	8	1033.5100	517.2589
1137.6268	9	K	7	919.4671	460.2375
1250.7109	10	I	6	763.3408	382.1743
1410.7415	11	C	5	650.2568	325.6323
1539.7841	12	E	4	490.2262	245.6170
1610.8212	13	A	3	361.1836	181.0957
1725.8481	14	D	2	290.1464	145.5771
	15	R	1	175.1195	88.0637

N-term:+29.04 K(9):+156.13
 C(11):+160.03

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

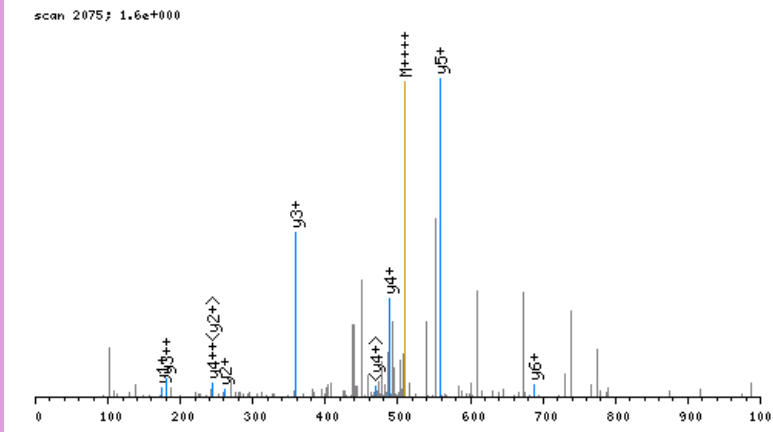
y + 2+ 3+

z + 2+ 3+

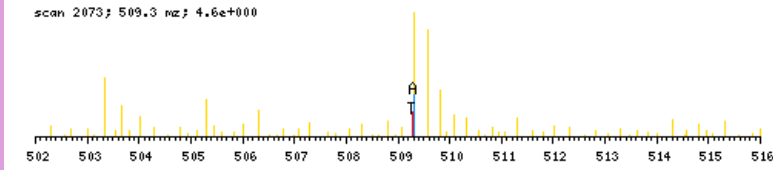
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



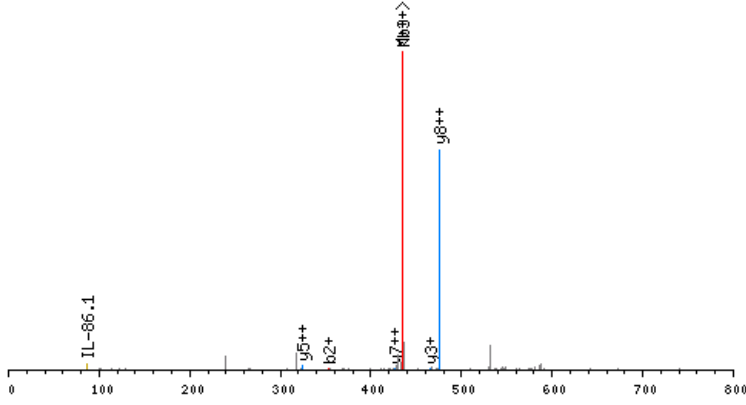
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
185.1402	1	R	17		
341.2665	2	K	16	1850.0024	925.5051
497.3928	3	K	15	1693.8761	847.4420
568.4299	4	A	14	1537.7498	769.3788
665.4827	5	P	13	1466.7127	733.8603
762.5355	6	P	12	1369.6599	685.3339
875.6195	7	L	11	1272.6072	636.8075
974.6879	8	V	10	1159.5231	580.2655
1103.7305	9	E	9	1060.4547	530.7313
1217.7735	10	N	8	931.4121	466.2100
1346.8160	11	E	7	817.3692	409.1885
1475.8586	12	E	6	688.3266	344.6672
1546.8958	13	A	5	559.2840	280.1459
1675.9383	14	E	4	488.2469	244.6274
1772.9911	15	P	3	359.2043	180.1061
1860.0231	16	S	2	262.1515	131.5797
	17	R	1	175.1195	88.0637

N-term: +29.04 K(2): +156.13
 K(3): +156.13

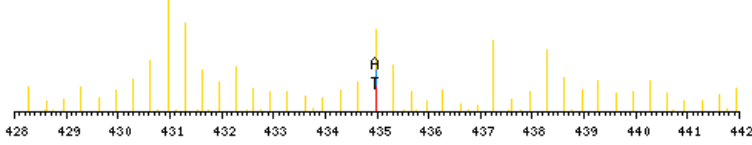
RKVMAAIKQR, MH+ 1302.9257, m/z 434.9801
H OS G27 P150811 220811-s1.04354.04354.3.dta

scan 4354; 7.0e+000



[click image to zoom in; click top corners to zoom out](#) [\[precursor±\]](#)

scan 4352; 435.0 m/z; 1.2e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a 2+ 3+

b 2+ 3+

c 2+ 3+

x 2+ 3+

y 2+ 3+

z 2+ 3+

hide H₂O/NH₃

zoom 112-122

b ⁺	#	AA	#	y ⁺	y ²⁺
191.1720	1	R	10		
353.3301	2	K	9	1112.7615	556.8846
452.3985	3	V	8	950.6034	475.8056
583.4390	4	M	7	851.5350	426.2714
654.4761	5	A	6	720.4945	360.7511
725.5132	6	A	5	649.4574	325.2326
838.5973	7	I	4	578.4202	289.7140
1000.7554	8	K	3	465.3362	233.1720
1128.8140	9	Q	2	303.1781	152.0930
	10	R	1	175.1195	88.0637

N-term:+35.07 K(2):+162.16
K(8):+162.16

RLASTSDIEEKENR, MH+ 1703.8928, m/z 426.7287
 L OS G28 P150811 220811-s1.02419.02419.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

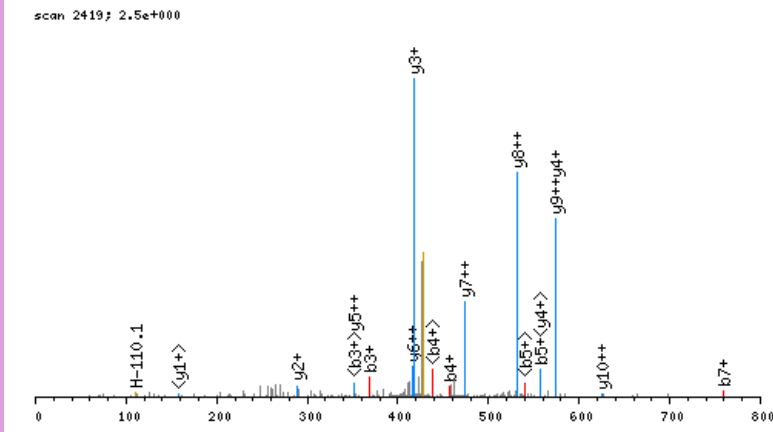
y + 2+ 3+

z + 2+ 3+

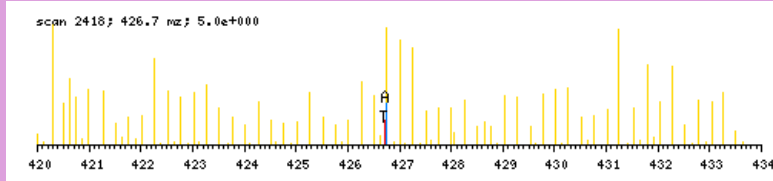
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1402	1	R 14		
298.2243	2	L 13	1519.7604	760.3841
369.2614	3	A 12	1406.6764	703.8421
456.2934	4	S 11	1335.6393	668.3235
557.3411	5	T 10	1248.6072	624.8075
644.3731	6	S 9	1147.5595	574.2837
759.4001	7	D 8	1060.5275	530.7677
872.4841	8	I 7	945.5006	473.2542
1001.5267	9	E 6	832.4165	416.7122
1130.5693	10	E 5	703.3739	352.1909
1286.6956	11	K 4	574.3313	287.6696
1415.7382	12	E 3	418.2050	209.6064
1529.7811	13	N 2	289.1624	145.0851
	14	R 1	175.1195	88.0637

N-term:+29.04 K(11):+156.13

RLLLPQQAGFGECDR, MH+ 1787.9226, m/z 596.6457
 L OS G27 P150811 220811-s1.05624.05624.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

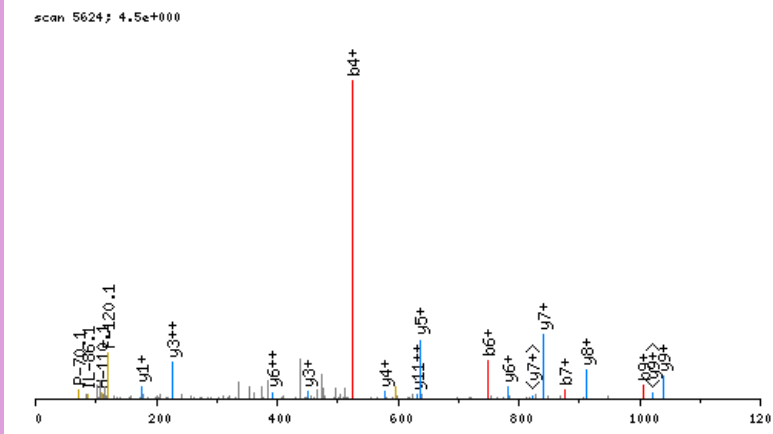
y + 2+ 3+

z + 2+ 3+

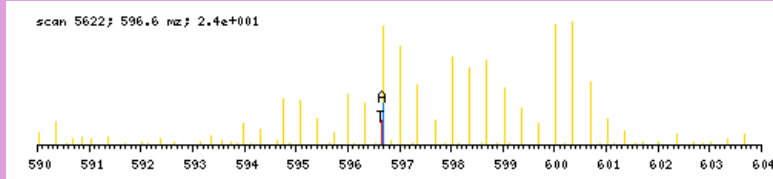
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
185.1402	1	R	15		
298.2243	2	L	14	1603.7902	802.3990
411.3083	3	L	13	1490.7061	745.8570
524.3924	4	L	12	1377.6221	689.3150
621.4452	5	P	11	1264.5380	632.7729
749.5037	6	Q	10	1167.4852	584.2465
877.5623	7	Q	9	1039.4267	520.2172
948.5994	8	A	8	911.3681	456.1880
1005.6209	9	G	7	840.3310	420.6694
1152.6893	10	F	6	783.3095	392.1587
1209.7108	11	G	5	636.2411	318.6245
1338.7534	12	E	4	579.2196	290.1137
1498.7840	13	C	3	450.1770	225.5924
1613.8109	14	D	2	290.1464	145.5771
	15	R	1	175.1195	88.0637

N-term:+29.04 C(13):+160.03

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

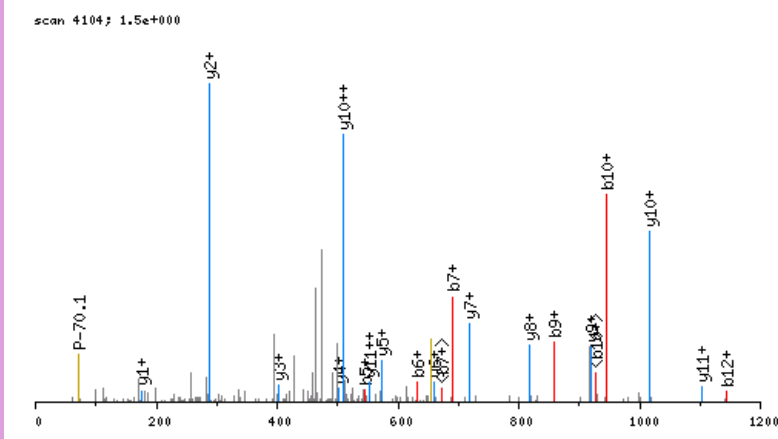
y + 2+ 3+

z + 2+ 3+

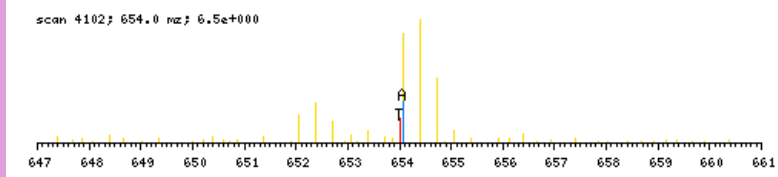
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
191.1720	1	R 20		
304.2561	2	L 19	1769.9034	885.4556
401.3088	3	P 18	1656.8193	828.9136
488.3409	4	S 17	1559.7665	780.3872
545.3623	5	G 16	1472.7345	736.8712
632.3944	6	S 15	1415.7130	708.3604
689.4158	7	G 14	1328.6810	664.8444
786.4686	8	P 13	1271.6596	636.3337
857.5057	9	A 12	1174.6068	587.8073
944.5377	10	S 11	1103.5697	552.2888
1041.5905	11	P 10	1016.5376	508.7727
1142.6382	12	T 9	919.4849	460.2464
1243.6859	13	T 8	818.4372	409.7225
1300.7073	14	G 7	717.3895	359.1987
1387.7393	15	S 6	660.3681	330.6879
1458.7765	16	A 5	573.3360	287.1719
1557.8449	17	V 4	502.2989	251.6534
1672.8718	18	D 3	403.2305	202.1192
1785.9559	19	I 2	288.2036	144.6057
	20	R 1	175.1195	88.0637

N-term:+35.07

RPAPPPIISGGGYR, MH+ 1352.7439, m/z 451.5861
 L OS G27 P150811 220811-s1.02710.02710.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

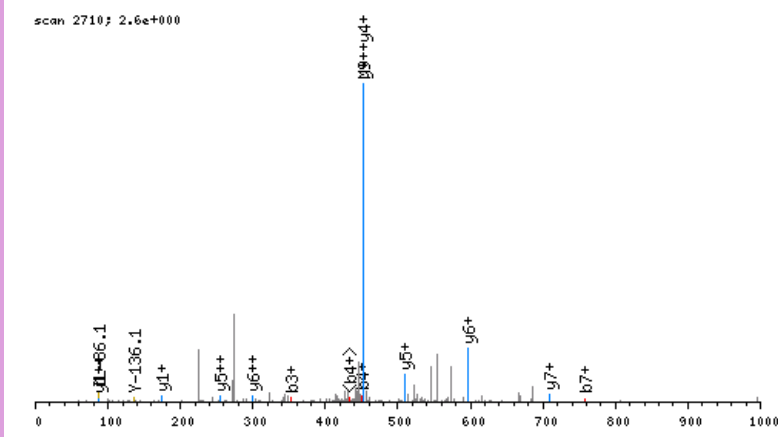
y + 2+ 3+

z + 2+ 3+

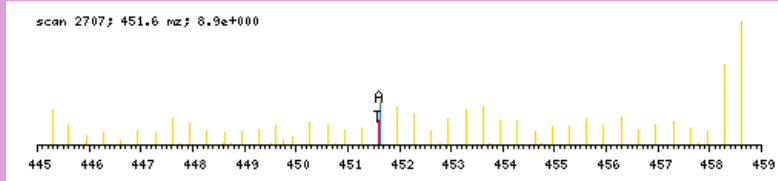
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1402	1	R 13		
282.1930	2	P 12	1168.6115	584.8097
353.2301	3	A 11	1071.5587	536.2833
450.2829	4	P 10	1000.5216	500.7647
547.3356	5	P 9	903.4688	452.2383
644.3884	6	P 8	806.4161	403.7120
757.4724	7	I 7	709.3633	355.1856
844.5045	8	S 6	596.2792	298.6435
901.5259	9	G 5	509.2472	255.1275
958.5474	10	G 4	452.2258	226.6168
1015.5689	11	G 3	395.2043	198.1061
1178.6322	12	Y 2	338.1828	169.5953
	13	R 1	175.1195	88.0637

N-term:+29.04

RPAPVEISYENMR, MH+ 1589.8110, m/z 530.6085
 L OS G27 P150811 220811-s1.04310.04310.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

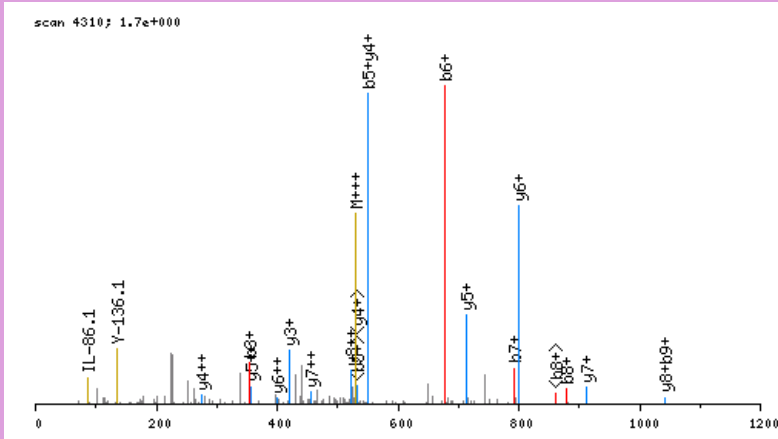
y + 2+ 3+

z + 2+ 3+

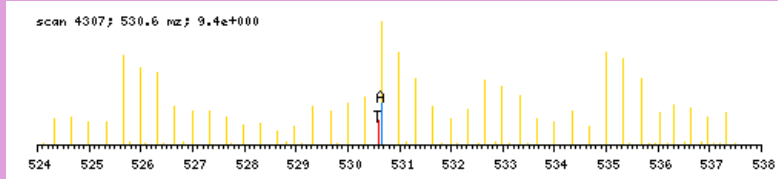
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1402	1	R 13		
282.1930	2	P 12	1405.6786	703.3432
353.2301	3	A 11	1308.6258	654.8168
450.2829	4	P 10	1237.5887	619.2983
549.3513	5	V 9	1140.5359	570.7719
678.3939	6	E 8	1041.4675	521.2377
791.4779	7	I 7	912.4249	456.7164
878.5100	8	S 6	799.3409	400.1743
1041.5733	9	Y 5	712.3088	356.6583
1170.6159	10	E 4	549.2455	275.1267
1284.6588	11	N 3	420.2029	210.6054
1415.6993	12	M 2	306.1600	153.5839
	13	R 1	175.1195	88.0637

N-term:+29.04

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

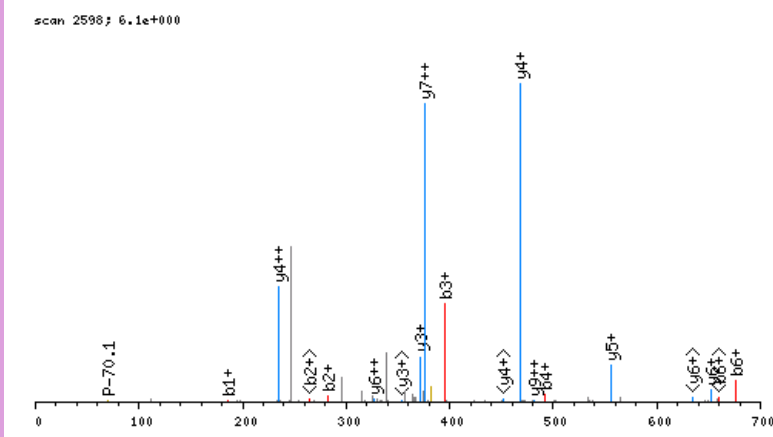
y + 2+ 3+

z + 2+ 3+

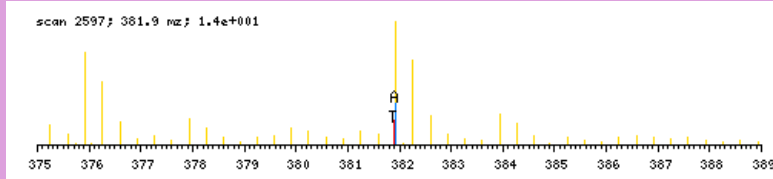
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



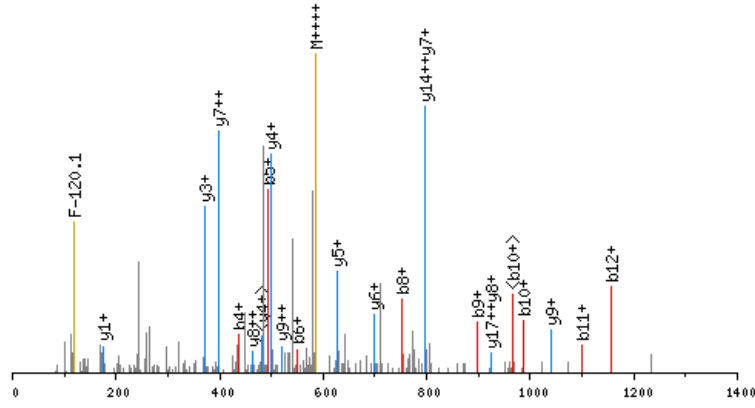
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
185.1402	1	R	10		
282.1930	2	P	9	959.5678	480.2878
395.2770	3	L	8	862.5151	431.7614
492.3298	4	P	7	749.4310	375.2194
589.3826	5	P	6	652.3782	326.6930
676.4146	6	S	5	555.3255	278.1666
773.4674	7	P	4	468.2934	234.6506
870.5201	8	P	3	371.2407	186.1243
969.5885	9	V	2	274.1879	137.5979
	10	R	1	175.1195	88.0637

N-term: +29.04

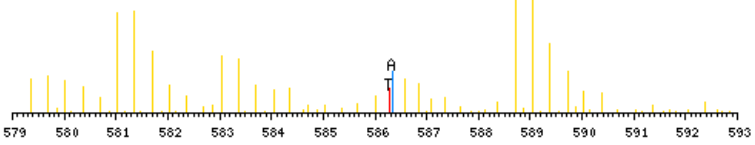
RPPGGGSNFSLGFDEPAEQPVR, MH+ 2342.1529, m/z 586.2937
 L OS G27 P150811 220811-s1.05865.05865.4.dta

scan 5865; 7.1e-001



click image to zoom in; click top corners to zoom out [precursor±]

scan 5862; 586.3 m/z; 1.8e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
185.1402	1	R 22		
282.1930	2	P 21	2158.0205	1079.5142
379.2457	3	P 20	2060.9678	1030.9878
436.2672	4	G 19	1963.9150	982.4614
493.2887	5	G 18	1906.8935	953.9507
550.3101	6	G 17	1849.8721	925.4399
637.3422	7	S 16	1792.8506	896.9292
751.3851	8	N 15	1705.8186	853.4132
898.4535	9	F 14	1591.7756	796.3917
985.4855	10	S 13	1444.7072	722.8575
1098.5696	11	L 12	1357.6752	679.3415
1155.5911	12	G 11	1244.5911	622.7995
1302.6595	13	F 10	1187.5697	594.2888
1417.6864	14	D 9	1040.5013	520.7545
1546.7290	15	E 8	925.4743	463.2411
1643.7818	16	P 7	796.4317	398.7198
1714.8189	17	A 6	699.3790	350.1934
1843.8615	18	E 5	628.3418	314.6748
1971.9201	19	Q 4	499.2993	250.1535
2068.9728	20	P 3	371.2407	186.1243
2168.0412	21	V 2	274.1879	137.5979
	22	R 1	175.1195	88.0637

N-term:+29.04

RPPLGFLNPR, MH+ 1194.7111, m/z 398.9086
 L OS G28 P150811 220811-s1.05500.05500.3.dta

scan 5500; 8.3e-001

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

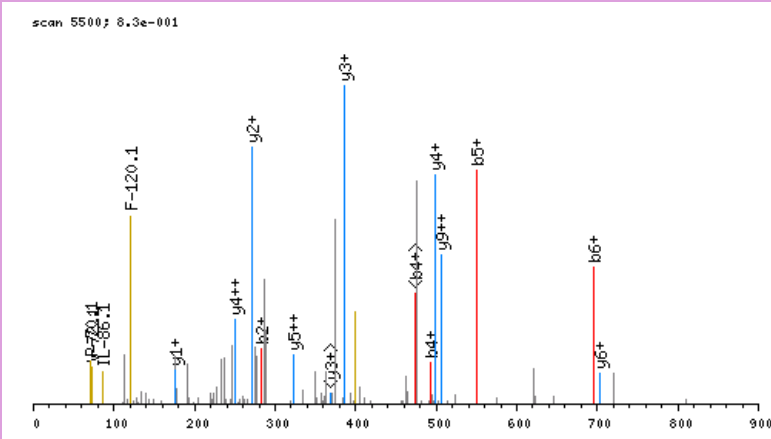
y + 2+ 3+

z + 2+ 3+

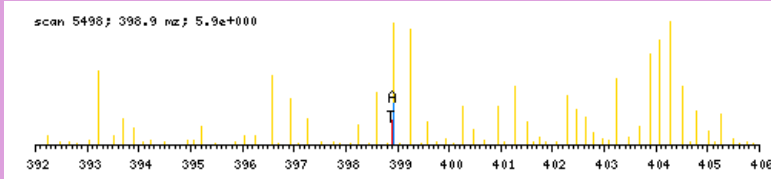
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1402	1	R 10		
282.1930	2	P 9	1010.5787	505.7933
379.2457	3	P 8	913.5260	457.2669
492.3298	4	L 7	816.4732	408.7405
549.3513	5	G 6	703.3891	352.1985
696.4197	6	F 5	646.3677	323.6877
809.5037	7	L 4	499.2993	250.1535
923.5467	8	N 3	386.2152	193.6115
1020.5994	9	P 2	272.1723	136.5900
	10	R 1	175.1195	88.0637

N-term:+29.04

RPPSPPPPPR, MH+ 1222.7060, m/z 408.2402
 L OS G25 P150811 220811-s1.05401.05401.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

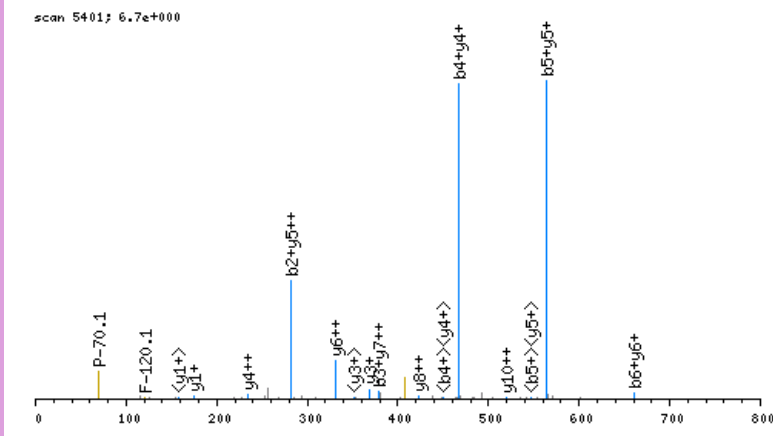
y + 2+ 3+

z + 2+ 3+

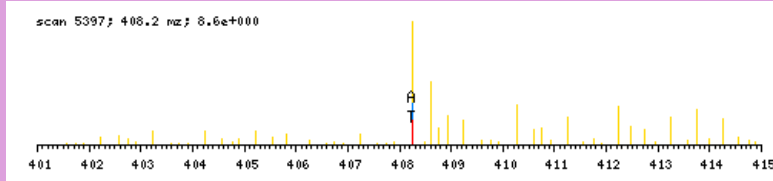
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



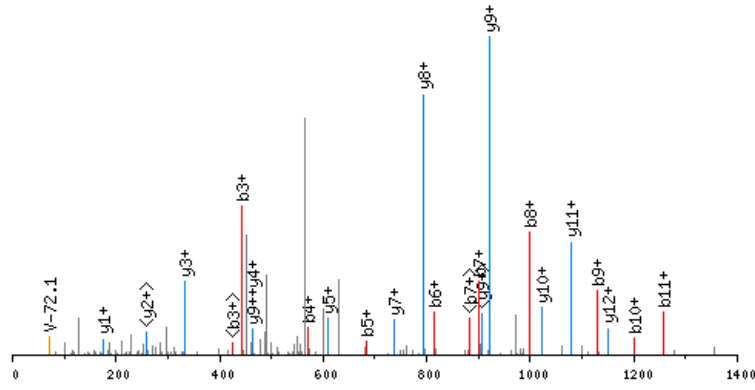
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1402	1	R 11		
282.1930	2	P 10	1038.5736	519.7907
379.2457	3	P 9	941.5209	471.2644
466.2778	4	S 8	844.4681	422.7380
563.3305	5	P 7	757.4361	379.2220
660.3833	6	P 6	660.3833	330.6956
757.4361	7	P 5	563.3306	282.1692
854.4888	8	P 4	466.2778	233.6428
951.5416	9	P 3	369.2250	185.1164
1048.5944	10	P 2	272.1723	136.5900
	11	R 1	175.1195	88.0637

N-term:+29.04

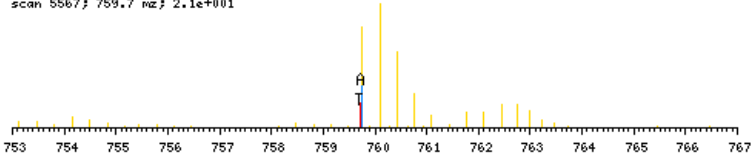
RQEELESVEAGVQGGAFEGTR, MH+ 2277.1111, m/z 759.7086
 L OS G27 P150811 220811-s1.05570.05570.3.dta

scan 5570; 1.7e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 5567; 759.7 m/z; 2.1e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1402	1	R 21		
313.1988	2	Q 20	2092.9787	1046.9933
442.2414	3	E 19	1964.9201	982.9640
571.2840	4	E 18	1835.8775	918.4427
684.3680	5	L 17	1706.8350	853.9214
813.4106	6	E 16	1593.7509	797.3794
900.4427	7	S 15	1464.7083	732.8581
999.5111	8	V 14	1377.6763	689.3420
1128.5537	9	E 13	1278.6079	639.8078
1199.5908	10	A 12	1149.5653	575.2865
1256.6122	11	G 11	1078.5281	539.7680
1355.6807	12	V 10	1021.5067	511.2573
1483.7392	13	Q 9	922.4383	461.7230
1540.7607	14	G 8	794.3797	397.6938
1597.7822	15	G 7	737.3582	369.1830
1668.8193	16	A 6	680.3368	340.6723
1815.8877	17	F 5	609.2997	305.1537
1944.9303	18	E 4	462.2312	231.6195
2001.9517	19	G 3	333.1886	167.0982
2102.9994	20	T 2	276.1672	138.5875
	21	R 1	175.1195	88.0637

N-term:+29.04

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

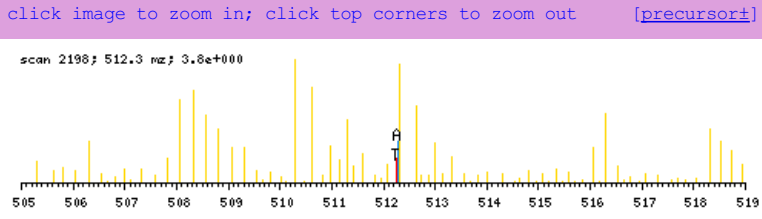
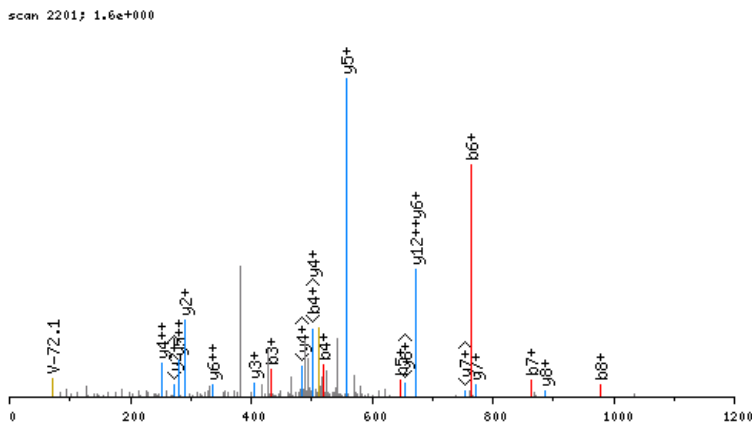
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

RQISEDVDGPDNR, MH+ 1534.7673, m/z 512.2606
 H OS G28 P150811 220811-s1.02201.02201.3.dta



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
191.1720	1	R 13		
319.2306	2	Q 12	1344.6032	672.8055
432.3147	3	I 11	1216.5446	608.7762
519.3467	4	S 10	1103.4605	552.2342
648.3893	5	E 9	1016.4285	508.7182
763.4162	6	D 8	887.3859	444.1969
862.4846	7	V 7	772.3590	386.6834
977.5116	8	D 6	673.2905	337.1492
1034.5330	9	G 5	558.2636	279.6357
1131.5858	10	P 4	501.2421	251.1250
1246.6127	11	D 3	404.1894	202.5986
1360.6557	12	N 2	289.1624	145.0851
	13	R 1	175.1195	88.0637

N-term:+35.07

RQLSSGVSEIR, MH+ 1259.7071, m/z 420.5739
 L OS G28 P150811 220811-s1.02575.02575.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

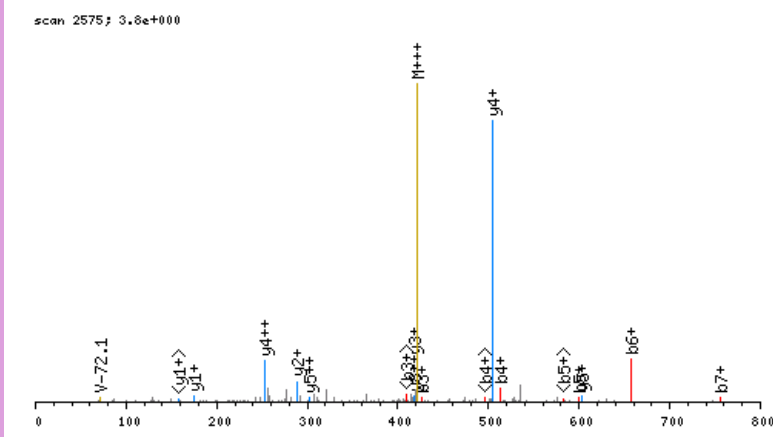
y + 2+ 3+

z + 2+ 3+

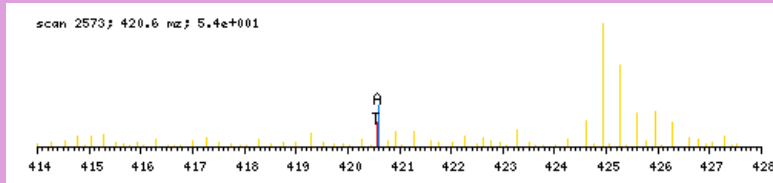
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1402	1	R 11		
313.1988	2	Q 10	1075.5748	538.2913
426.2829	3	L 9	947.5162	474.2620
513.3149	4	S 8	834.4321	417.7200
600.3469	5	S 7	747.4001	374.2040
657.3684	6	G 6	660.3681	330.6879
756.4368	7	V 5	603.3466	302.1772
843.4688	8	S 4	504.2782	252.6430
972.5114	9	E 3	417.2462	209.1270
1085.5955	10	I 2	288.2036	144.6057
	11	R 1	175.1195	88.0637

N-term:+29.04

RQPSPSQSSDSQVHSGVQVEGR, MH+ 2380.1605, m/z 595.7956
 L OS G28 P150811 220811-s1.02181.02181.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

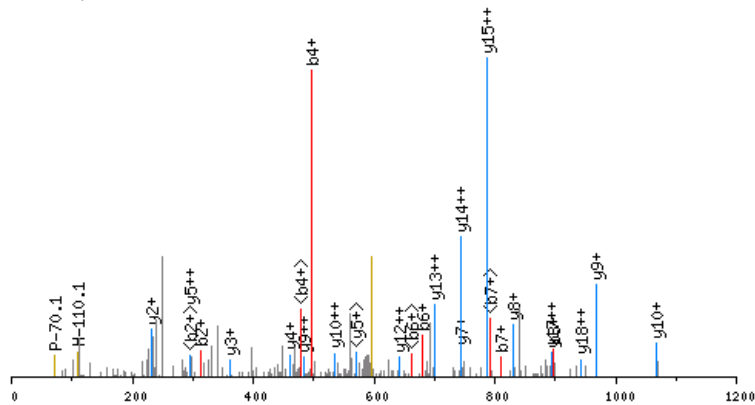
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

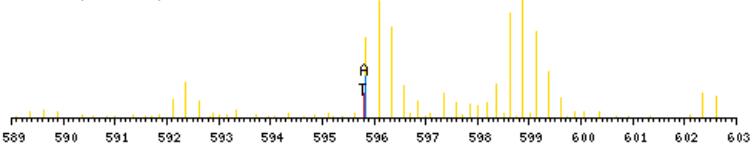
GO

scan 2181; 1.0e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 2178; 595.8 mz; 9.4e+000



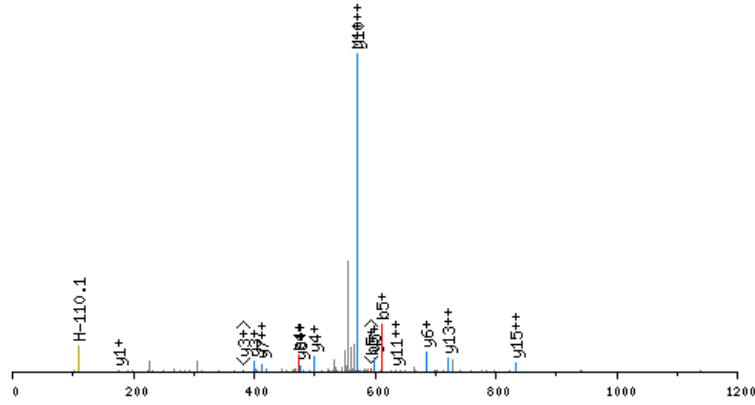
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1402	1	R 22		
313.1988	2	Q 21	2196.0281	1098.5180
410.2516	3	P 20	2067.9695	1034.4887
497.2836	4	S 19	1970.9168	985.9623
594.3363	5	P 18	1883.8848	942.4463
681.3684	6	S 17	1786.8320	893.9199
809.4270	7	Q 16	1699.8000	850.4039
896.4590	8	S 15	1571.7414	786.3746
983.4910	9	S 14	1484.7094	742.8586
1098.5180	10	D 13	1397.6773	699.3426
1185.5500	11	S 12	1282.6504	641.8291
1313.6086	12	Q 11	1195.6184	598.3131
1412.6770	13	V 10	1067.5598	534.2838
1549.7359	14	H 9	968.4914	484.7496
1636.7679	15	S 8	831.4325	416.2201
1693.7894	16	G 7	744.4004	372.7041
1792.8578	17	V 6	687.3790	344.1934
1920.9164	18	Q 5	588.3105	294.6592
2019.9848	19	V 4	460.2520	230.6299
2149.0274	20	E 3	361.1836	181.0957
2206.0488	21	G 2	232.1410	116.5744
	22	R 1	175.1195	88.0637

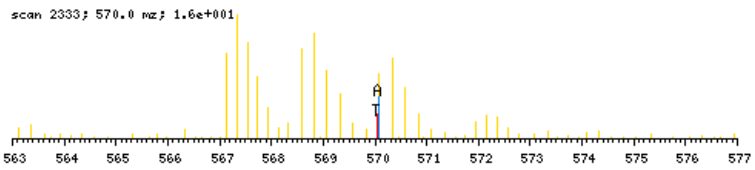
N-term:+29.04

RSPVHPESSEGEHSVVPQR, MH+ 2277.1436, m/z 570.0413
 H OS G28 P150811 220811-s1.02336.02336.4.dta

scan 2336; 7.3e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

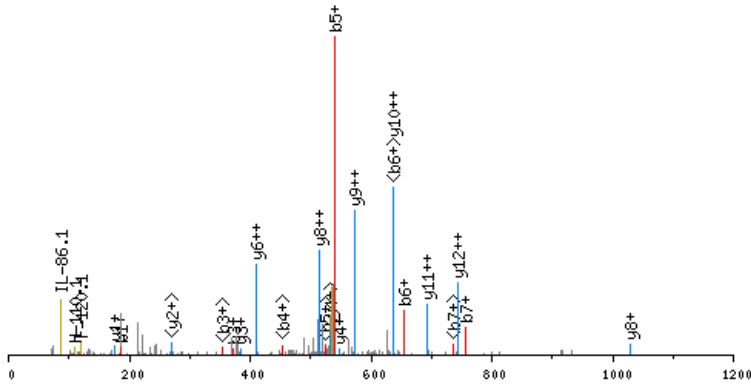
zoom 112-122

b ⁺	#	AA #	y ⁺	y ²⁺
191.1720	1	R 20		
278.2040	2	S 19	2086.9794	1043.9936
375.2568	3	P 18	1999.9474	1000.4776
474.3252	4	V 17	1902.8946	951.9512
611.3841	5	H 16	1803.8262	902.4170
708.4369	6	P 15	1666.7673	833.8875
837.4795	7	E 14	1569.7145	785.3612
924.5115	8	S 13	1440.6719	720.8399
1011.5435	9	S 12	1353.6399	677.3239
1140.5861	10	E 11	1266.6079	633.8078
1197.6076	11	G 10	1137.5653	569.2865
1326.6502	12	E 9	1080.5438	540.7758
1455.6928	13	E 8	951.5012	476.2545
1592.7517	14	H 7	822.4586	411.7332
1679.7837	15	S 6	685.3997	343.2038
1778.8521	16	V 5	598.3677	299.6877
1877.9206	17	V 4	499.2993	250.1535
1974.9733	18	P 3	400.2308	200.6193
2103.0319	19	Q 2	303.1781	152.0930
	20	R 1	175.1195	88.0637

N-term:+35.07

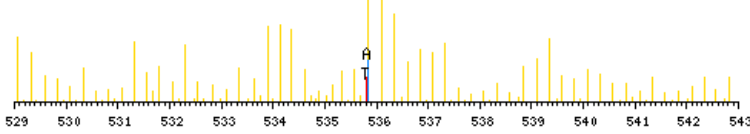
RSTPAITLENPDIKYPLR, MH+ 2140.2130, m/z 535.8087
 L OS G28 P150811 220811-s1.06775.06775.4.dta

scan 6775; 1.8e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6773; 535.8 m/z; 9.8e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
185.1402	1	R	18		
272.1722	2	S	17	1956.0806	978.5442
373.2199	3	T	16	1869.0486	935.0282
470.2727	4	P	15	1768.0009	884.5044
541.3098	5	A	14	1670.9482	835.9780
654.3939	6	I	13	1599.9111	800.4594
755.4415	7	T	12	1486.8270	743.9174
868.5256	8	L	11	1385.7793	693.3936
997.5682	9	E	10	1272.6952	636.8515
1111.6111	10	N	9	1143.6527	572.3302
1208.6639	11	P	8	1029.6097	515.3088
1323.6908	12	D	7	932.5570	466.7824
1436.7749	13	I	6	817.5300	409.2689
1592.9012	14	K	5	704.4460	352.7269
1755.9645	15	Y	4	548.3197	274.6637
1853.0173	16	P	3	385.2563	193.1321
1966.1014	17	L	2	288.2036	144.6057
	18	R	1	175.1195	88.0637

N-term:+29.04 K(14):+156.13

RTEITIVKPKQESVLR, MH+ 1825.0911, m/z 457.0282
 L OS G28 P150811 220811-s1.04950.04950.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

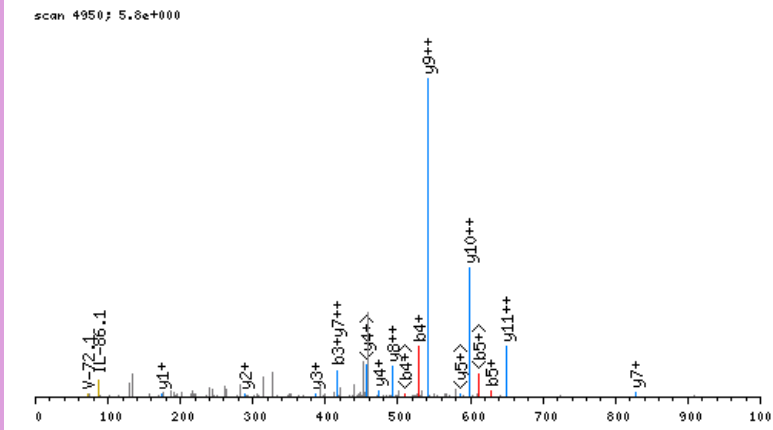
y + 2+ 3+

z + 2+ 3+

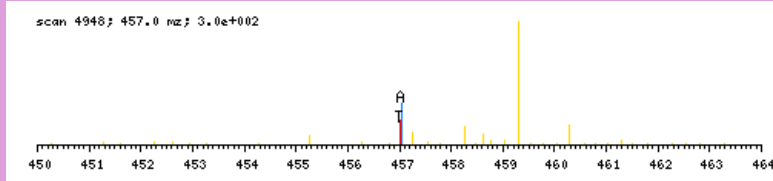
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



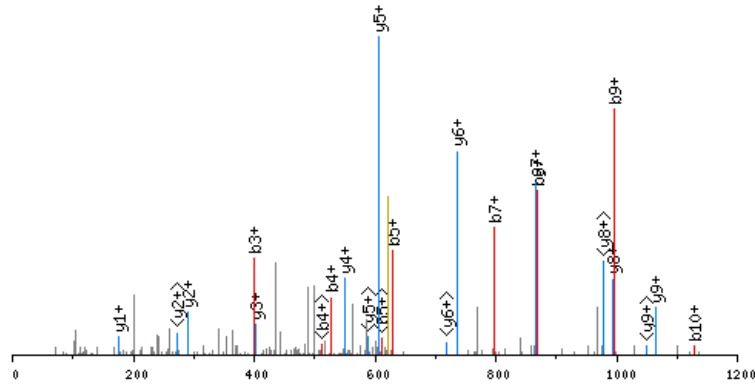
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
185.1402	1	R	15		
286.1879	2	T	14	1640.9587	820.9833
415.2305	3	E	13	1539.9111	770.4594
528.3145	4	I	12	1410.8685	705.9381
629.3622	5	T	11	1297.7844	649.3961
742.4463	6	I	10	1196.7367	598.8723
841.5147	7	V	9	1083.6527	542.3302
997.6410	8	K	8	984.5842	492.7960
1094.6938	9	P	7	828.4579	414.7329
1222.7523	10	Q	6	731.4052	366.2065
1351.7949	11	E	5	603.3466	302.1772
1438.8270	12	S	4	474.3040	237.6559
1537.8954	13	V	3	387.2720	194.1399
1650.9794	14	L	2	288.2036	144.6057
	15	R	1	175.1195	88.0637

N-term:+29.04 K(8):+156.13

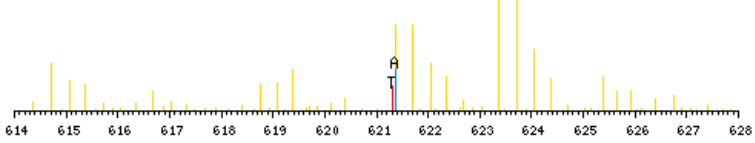
RTLETPAAQMEGFLNR, MH+ 1861.9594, m/z 621.3247
 L OS G27 P150811 220811-s1.06561.06561.3.dta

scan 6561; 1.2e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6557; 621.3 m/z; 5.6e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

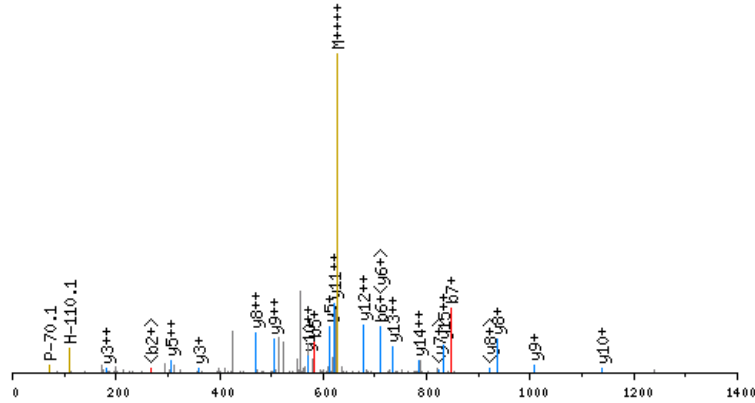
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
185.1402	1	R	16		
286.1879	2	T	15	1677.8270	839.4174
399.2720	3	L	14	1576.7794	788.8936
528.3145	4	E	13	1463.6953	732.3516
629.3622	5	T	12	1334.6527	667.8303
726.4150	6	P	11	1233.6050	617.3064
797.4521	7	A	10	1136.5523	568.7800
868.4892	8	A	9	1065.5151	533.2615
996.5478	9	Q	8	994.4780	497.7429
1127.5883	10	M	7	866.4194	433.7136
1256.6309	11	E	6	735.3790	368.1934
1313.6523	12	G	5	606.3364	303.6721
1460.7207	13	F	4	549.3149	275.1614
1573.8048	14	L	3	402.2465	201.6272
1687.8477	15	N	2	289.1624	145.0851
	16	R	1	175.1195	88.0637

N-term:+29.04

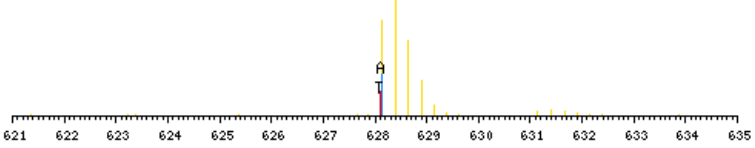
RVAPEEHPILLTEAPLNPKANR, MH+ 2509.3891, m/z 628.1027
 L OS G28 P150811 220811-s1.05029.05029.4.dta

scan 5029; 1.2e+001



click image to zoom in; click top corners to zoom out [precursor±]

scan 5028; 628.1 mz; 1.1e+002



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

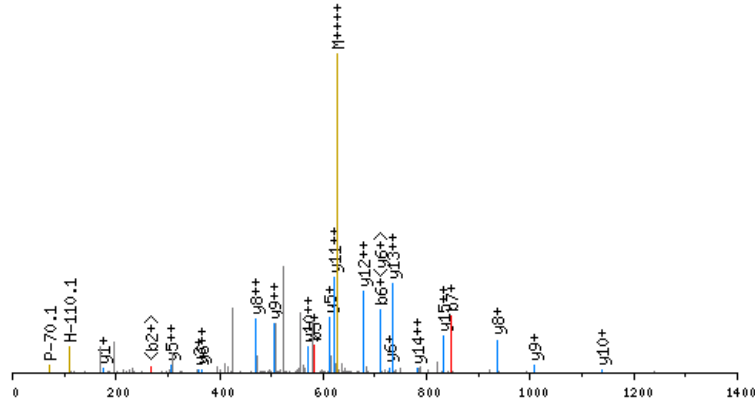
GO

b ⁺	#	AA #	y ⁺	y ²⁺
185.1402	1	R 22		
284.2086	2	V 21	2325.2567	1163.1323
355.2457	3	A 20	2226.1883	1113.5981
452.2985	4	P 19	2155.1512	1078.0795
581.3411	5	E 18	2058.0984	1029.5531
710.3837	6	E 17	1929.0558	965.0318
847.4426	7	H 16	1800.0132	900.5105
944.4954	8	P 15	1662.9543	831.9811
1045.5430	9	T 14	1565.9016	783.4547
1158.6271	10	L 13	1464.8539	732.9308
1271.7112	11	L 12	1351.7698	676.3888
1372.7588	12	T 11	1238.6857	619.8468
1501.8014	13	E 10	1137.6381	569.3229
1572.8386	14	A 9	1008.5955	504.8017
1669.8913	15	P 8	937.5584	469.2831
1782.9754	16	L 7	840.5056	420.7567
1897.0183	17	N 6	727.4215	364.2147
1994.0711	18	P 5	613.3786	307.1932
2150.1974	19	K 4	516.3258	258.6668
2221.2345	20	A 3	360.1995	180.6037
2335.2774	21	N 2	289.1624	145.0851
	22	R 1	175.1195	88.0637

N-term:+29.04 K(19):+156.13

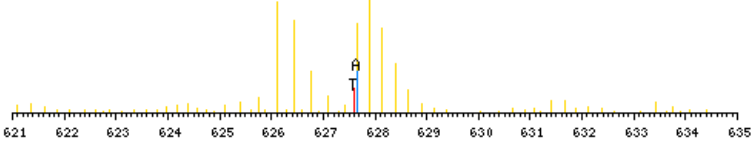
RVAPEEHPVLLTEAPLNPKANR, MH+ 2507.4098, m/z 627.6079
 L OS G28 P150811 220811-s1.05164.05164.4.dta

scan 5164; 1.0e+001



click image to zoom in; click top corners to zoom out [precursor±]

scan 5163; 627.6 mz; 4.8e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

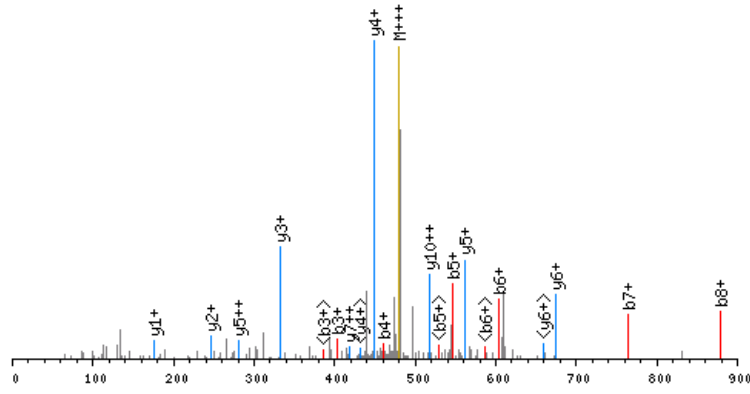
GO

b ⁺	#	AA #	y ⁺	y ²⁺
185.1402	1	R 22		
284.2086	2	V 21	2323.2774	1162.1426
355.2457	3	A 20	2224.2090	1112.6084
452.2985	4	P 19	2153.1719	1077.0899
581.3411	5	E 18	2056.1192	1028.5635
710.3837	6	E 17	1927.0766	964.0422
847.4426	7	H 16	1798.0340	899.5209
944.4954	8	P 15	1660.9751	830.9914
1043.5638	9	V 14	1563.9223	782.4651
1156.6478	10	L 13	1464.8539	732.9308
1269.7319	11	L 12	1351.7698	676.3888
1370.7796	12	T 11	1238.6857	619.8468
1499.8222	13	E 10	1137.6381	569.3229
1570.8593	14	A 9	1008.5955	504.8017
1667.9121	15	P 8	937.5584	469.2831
1780.9961	16	L 7	840.5056	420.7567
1895.0390	17	N 6	727.4215	364.2147
1992.0918	18	P 5	613.3786	307.1932
2148.2181	19	K 4	516.3258	258.6668
2219.2552	20	A 3	360.1995	180.6037
2333.2982	21	N 2	289.1624	145.0851
	22	R 1	175.1195	88.0637

N-term:+29.04 K(19):+156.13

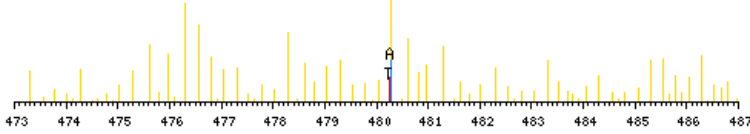
RVIGSGCNLDSAR, MH+ 1438.7648, m/z 480.2598
 H OS G28 P150811 220811-s1.02514.02514.3.dta

scan 2514; 9.8e-001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2513; 480.3 m/z; 7.5e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
191.1720	1	R 13		
290.2404	2	V 12	1248.6006	624.8042
403.3245	3	I 11	1149.5322	575.2700
460.3460	4	G 10	1036.4481	518.7280
547.3780	5	S 9	979.4267	490.2172
604.3994	6	G 8	892.3946	446.7012
764.4300	7	C 7	835.3732	418.1905
878.4730	8	N 6	675.3426	338.1752
991.5570	9	L 5	561.2997	281.1537
1106.5840	10	D 4	448.2156	224.6117
1193.6160	11	S 3	333.1886	167.0982
1264.6531	12	A 2	246.1566	123.5822
	13	R 1	175.1195	88.0637

N-term:+35.07 C(7):+160.03

RVISSIEQKTER, MH+ 1513.9338, m/z 379.2389
 H OS G28 P150811 220811-s1.02105.02105.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

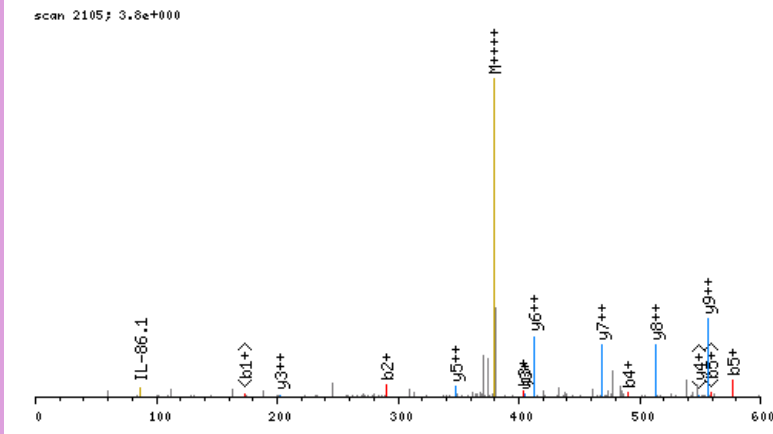
y + 2+ 3+

z + 2+ 3+

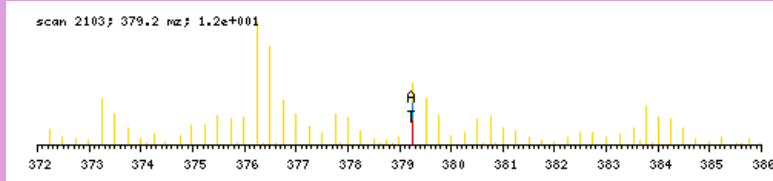
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
191.1720	1	R 12		
290.2404	2	V 11	1323.7696	662.3887
403.3245	3	I 10	1224.7012	612.8545
490.3565	4	S 9	1111.6172	556.3125
577.3885	5	S 8	1024.5851	512.7965
690.4726	6	I 7	937.5531	469.2805
819.5152	7	E 6	824.4690	412.7384
947.5738	8	Q 5	695.4264	348.2171
1109.7319	9	K 4	567.3679	284.1878
1210.7796	10	T 3	405.2098	203.1088
1339.8222	11	E 2	304.1621	152.5850
	12	R 1	175.1195	88.0637

N-term:+35.07 K(9):+162.16

RVPTPNVSVVDLTCR, MH+ 1746.9748, m/z 582.9964
 H OS G27 P150811 220811-s1.05859.05859.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

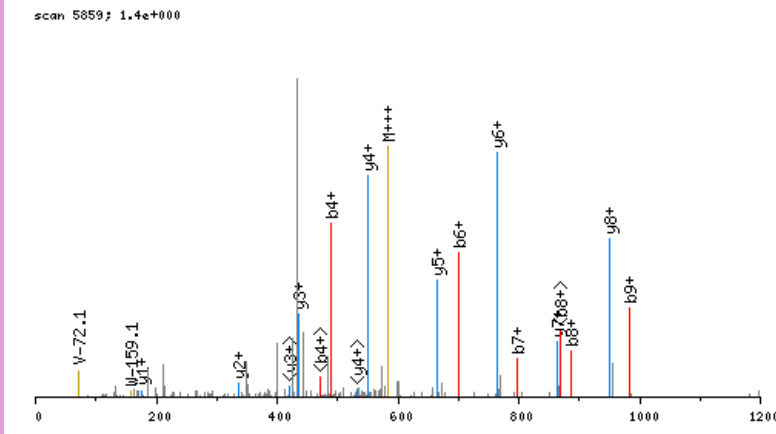
y + 2+ 3+

z + 2+ 3+

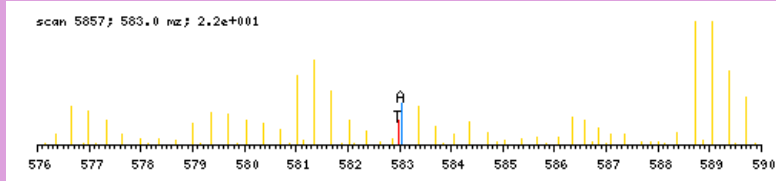
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



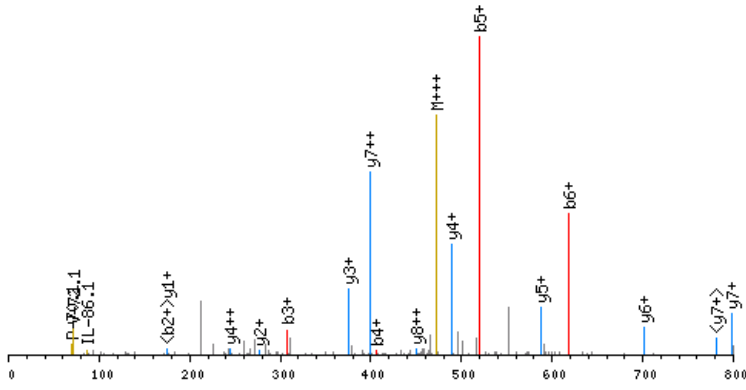
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
191.1720	1	R 15		
290.2404	2	V 14	1556.8106	778.9092
387.2932	3	P 13	1457.7422	729.3750
488.3409	4	T 12	1360.6894	680.8486
585.3936	5	P 11	1259.6417	630.3248
699.4366	6	N 10	1162.5890	581.7984
798.5050	7	V 9	1048.5461	524.7769
885.5370	8	S 8	949.4776	475.2427
984.6054	9	V 7	862.4456	431.7267
1083.6738	10	V 6	763.3772	382.1925
1198.7008	11	D 5	664.3088	332.6583
1311.7848	12	L 4	549.2818	275.1448
1412.8325	13	T 3	436.1978	218.6028
1572.8631	14	C 2	335.1501	168.0790
	15	R 1	175.1195	88.0637

N-term:+35.07 C(14):+160.03

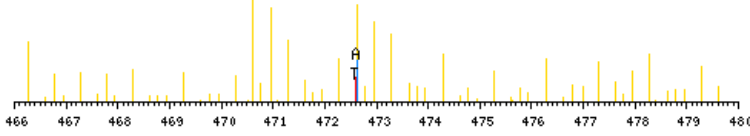
SADPNVNPVIVTR, MH+ 1415.8070, m/z 472.6072
 H OS G25 P150811 220811-s1.04990.04990.3.dta

scan 4990; 2.3e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4987; 472.6 m/z; 1.2e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 13		
193.1400	2	A 12	1294.7119	647.8599
308.1670	3	D 11	1223.6748	612.3413
405.2197	4	P 10	1108.6479	554.8278
519.2627	5	N 9	1011.5951	506.3015
618.3311	6	V 8	897.5522	449.2800
715.3839	7	P 7	798.4838	399.7458
829.4268	8	N 6	701.4310	351.2194
928.4952	9	V 5	587.3881	294.1979
1041.5793	10	I 4	488.3197	244.6637
1140.6477	11	V 3	375.2356	188.1217
1241.6954	12	T 2	276.1672	138.5875
	13	R 1	175.1195	88.0637

N-term:+35.07

SAEEGEVTEKSSQKESVQR, MH+ 2366.1688, m/z 592.2976
 L OS G28 P150811 220811-s1.01855.01855.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

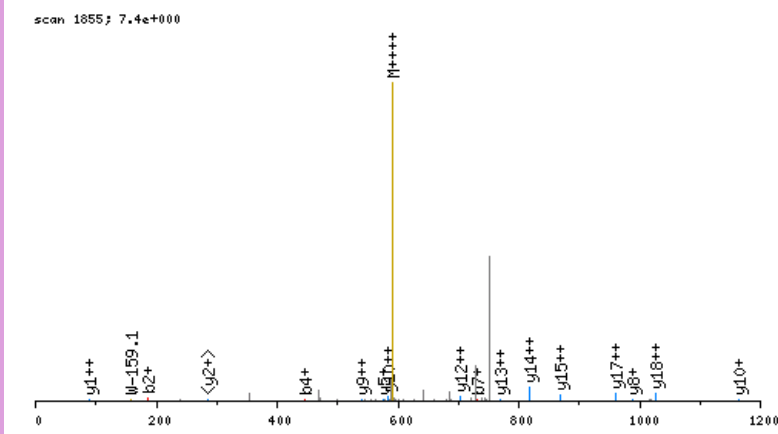
y + 2+ 3+

z + 2+ 3+

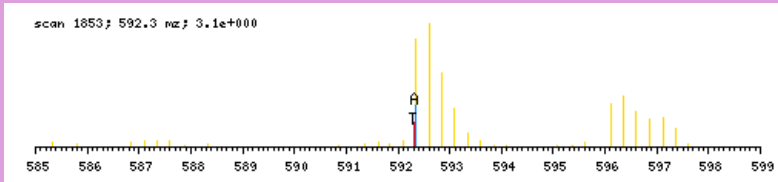
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	21		
187.1082	2	A	20	2251.1054	1126.0566
316.1508	3	E	19	2180.0683	1090.5381
445.1934	4	E	18	2051.0257	1026.0168
502.2149	5	G	17	1921.9831	961.4955
631.2575	6	E	16	1864.9617	932.9848
730.3259	7	V	15	1735.9191	868.4635
831.3736	8	T	14	1636.8507	818.9293
960.4162	9	E	13	1535.8030	768.4054
1047.4482	10	S	12	1406.7604	703.8841
1203.5745	11	K	11	1319.7284	660.3681
1290.6065	12	S	10	1163.6021	582.3050
1377.6386	13	S	9	1076.5700	538.7889
1505.6971	14	Q	8	989.5380	495.2729
1661.8234	15	K	7	861.4794	431.2436
1790.8660	16	E	6	705.3531	353.1805
1877.8981	17	S	5	576.3105	288.6592
1964.9301	18	S	4	489.2785	245.1432
2063.9985	19	V	3	402.2465	201.6272
2192.0571	20	Q	2	303.1781	152.0930
	21	R	1	175.1195	88.0637

N-term: +29.04 K(11): +156.13
 K(15): +156.13

SAELSSSEGILDDR, MH+ 1419.6967, m/z 710.3520
 L OS G25 P150811 220811-s1.05251.05251.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

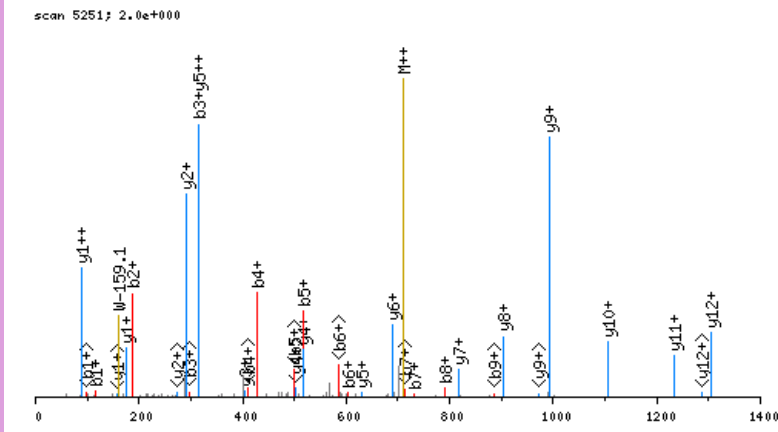
y + 2+ 3+

z + 2+ 3+

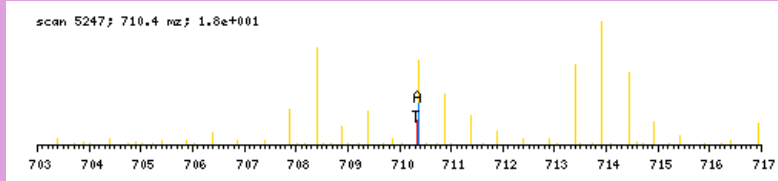
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 13		
187.1082	2	A 12	1304.6334	652.8206
316.1508	3	E 11	1233.5963	617.3021
429.2349	4	L 10	1104.5537	552.7808
516.2669	5	S 9	991.4696	496.2387
603.2990	6	S 8	904.4376	452.7227
732.3415	7	E 7	817.4056	409.2067
789.3630	8	G 6	688.3630	344.6854
902.4471	9	I 5	631.3415	316.1747
1015.5311	10	L 4	518.2575	259.6326
1130.5581	11	D 3	405.1734	203.0906
1245.5850	12	D 2	290.1464	145.5771
	13	R 1	175.1195	88.0637

N-term:+29.04

SAELSSGILDDRNEEKR, MH+ 2104.0522, m/z 526.7685
 L OS G28 P150811 220811-s1.04351.04351.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

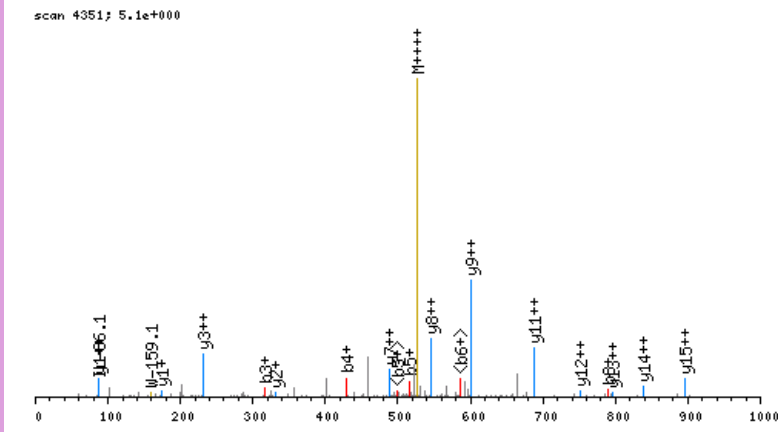
y + 2+ 3+

z + 2+ 3+

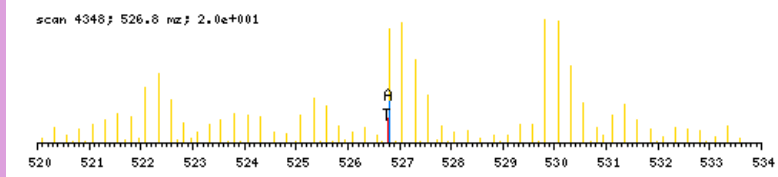
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



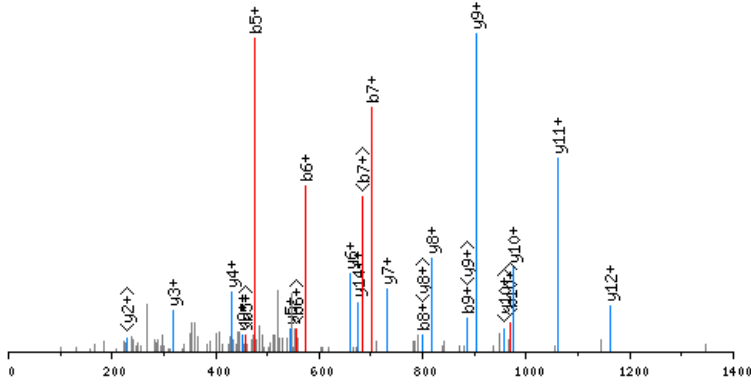
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 18		
187.1082	2	A 17	1988.9889	994.9984
316.1508	3	E 16	1917.9518	959.4798
429.2349	4	L 15	1788.9092	894.9585
516.2669	5	S 14	1675.8252	838.4165
603.2990	6	S 13	1588.7931	794.9005
732.3415	7	E 12	1501.7611	751.3845
789.3630	8	G 11	1372.7185	686.8632
902.4471	9	I 10	1315.6970	658.3524
1015.5311	10	L 9	1202.6130	601.8104
1130.5581	11	D 8	1089.5289	545.2684
1245.5850	12	D 7	974.5020	487.7549
1401.6861	13	R 6	859.4750	430.2414
1515.7291	14	N 5	703.3739	352.1909
1644.7717	15	E 4	589.3310	295.1694
1773.8143	16	E 3	460.2884	230.6481
1929.9406	17	K 2	331.2458	166.1268
	18	R 1	175.1195	88.0637

N-term:+29.04 K(17):+156.13

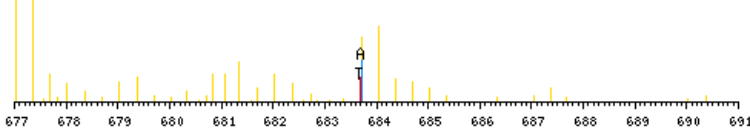
SAGPQVQPSTASSANLDAAR, MH+ 2049.0425, m/z 683.6857
 H OS G24 P150811 220811-s1.02911.02911.3.dta

scan 2911; 6.3e-001



click image to zoom in; click top corners to zoom out [precursor±]

scan 2909; 683.7 m/z; 1.5e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 21		
193.1400	2	A 20	1927.9474	964.4776
250.1615	3	G 19	1856.9102	928.9590
347.2143	4	P 18	1799.8888	900.4483
475.2728	5	Q 17	1702.8360	851.9219
574.3413	6	V 16	1574.7774	787.8926
702.3998	7	Q 15	1475.7090	738.3584
799.4526	8	P 14	1347.6504	674.3291
886.4846	9	S 13	1250.5977	625.8028
987.5323	10	T 12	1163.5657	582.2867
1074.5643	11	S 11	1062.5180	531.7629
1145.6015	12	A 10	975.4859	488.2469
1232.6335	13	S 9	904.4488	452.7283
1319.6655	14	S 8	817.4168	409.2123
1390.7026	15	A 7	730.3848	365.6963
1504.7456	16	N 6	659.3477	330.1777
1617.8296	17	L 5	545.3047	273.1563
1732.8566	18	D 4	432.2207	216.6142
1803.8937	19	A 3	317.1937	159.1008
1874.9308	20	A 2	246.1566	123.5822
	21	R 1	175.1195	88.0637

N-term:+35.07

SAGSAAAAGPVEAAIR, MH+ 1355.7283, m/z 678.3678
 L OS G25 P150811 220811-s1.04120.04120.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

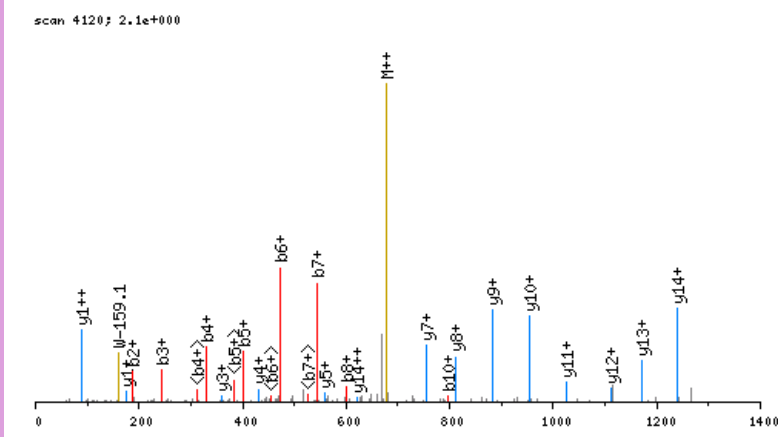
y + 2+ 3+

z + 2+ 3+

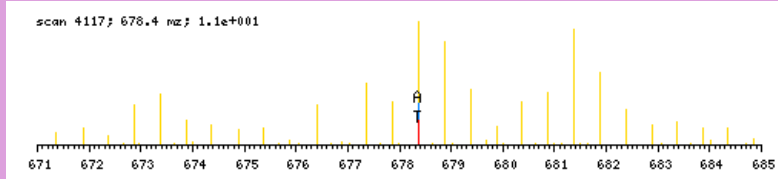
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	15		
187.1082	2	A	14	1240.6650	620.8364
244.1297	3	G	13	1169.6279	585.3178
331.1617	4	S	12	1112.6064	556.8071
402.1988	5	A	11	1025.5744	513.2911
473.2360	6	A	10	954.5373	477.7725
544.2731	7	A	9	883.5001	442.2540
601.2945	8	G	8	812.4630	406.7354
698.3473	9	P	7	755.4416	378.2247
797.4157	10	V	6	658.3888	329.6983
926.4583	11	E	5	559.3204	280.1641
997.4954	12	A	4	430.2778	215.6428
1068.5325	13	A	3	359.2407	180.1243
1181.6166	14	I	2	288.2036	144.6057
	15	R	1	175.1195	88.0637

N-term:+29.04

SAGVSVPGPMGPGSPR, MH+ 1486.7900, m/z 496.2682
 H OS G25 P150811 220811-s1.04600.04600.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

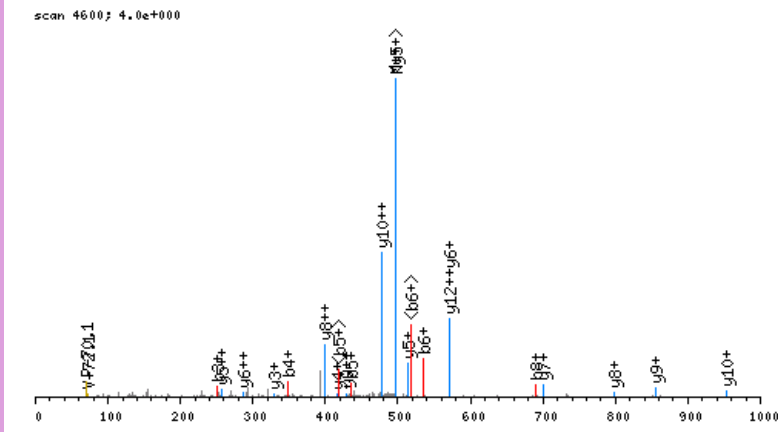
y + 2+ 3+

z + 2+ 3+

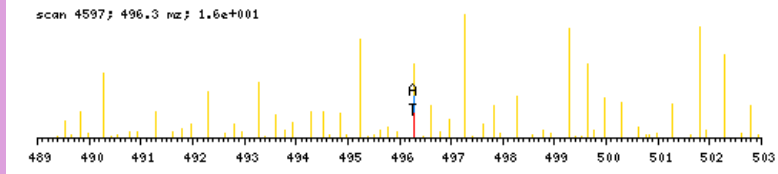
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 16		
193.1400	2	A 15	1365.6949	683.3514
250.1615	3	G 14	1294.6578	647.8328
349.2299	4	V 13	1237.6363	619.3221
436.2619	5	S 12	1138.5679	569.7879
535.3304	6	V 11	1051.5359	526.2718
632.3831	7	P 10	952.4675	476.7376
689.4046	8	G 9	855.4147	428.2113
786.4574	9	P 8	798.3932	399.7005
917.4978	10	M 7	701.3405	351.1741
974.5193	11	G 6	570.3000	285.6539
1071.5721	12	P 5	513.2785	257.1432
1158.6041	13	S 4	416.2258	208.6168
1215.6256	14	G 3	329.1937	165.1008
1312.6783	15	P 2	272.1723	136.5900
	16	R 1	175.1195	88.0637

N-term:+35.07

SALPAQSAATLPAR, MH+ 1381.7803, m/z 461.2650
 L OS G24 P150811 220811-s1.03074.03074.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

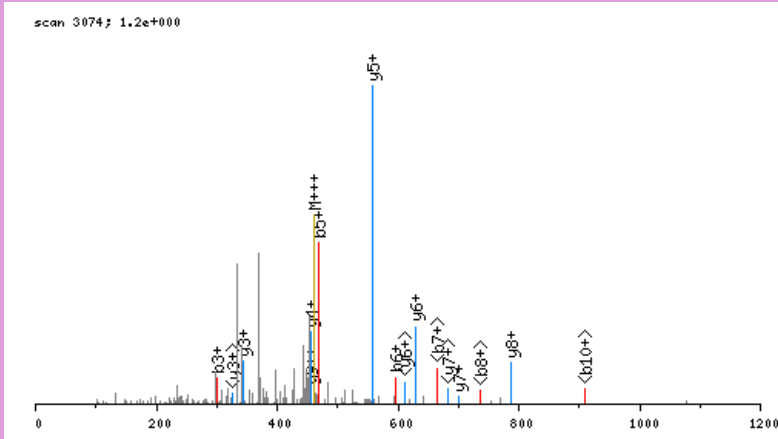
y + 2+ 3+

z + 2+ 3+

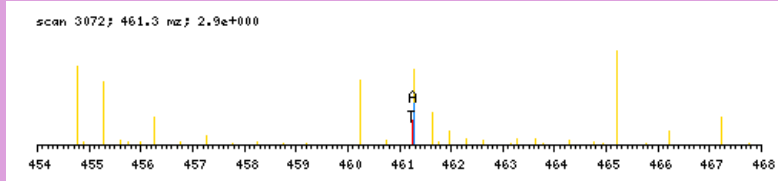
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 14		
187.1082	2	A 13	1266.7170	633.8624
300.1923	3	L 12	1195.6799	598.3439
397.2451	4	P 11	1082.5958	541.8018
468.2822	5	A 10	985.5431	493.2754
596.3408	6	Q 9	914.5060	457.7569
683.3728	7	S 8	786.4474	393.7276
754.4099	8	A 7	699.4153	350.2116
825.4470	9	A 6	628.3782	314.6930
926.4947	10	T 5	557.3411	279.1745
1039.5788	11	L 4	456.2934	228.6506
1136.6315	12	P 3	343.2094	172.1086
1207.6686	13	A 2	246.1566	123.5822
	14	R 1	175.1195	88.0637

N-term:+29.04

SAMPFTASPAPSTR, MH+ 1448.7207, m/z 724.8640
 L OS G25 P150811 220811-s1.04670.04670.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

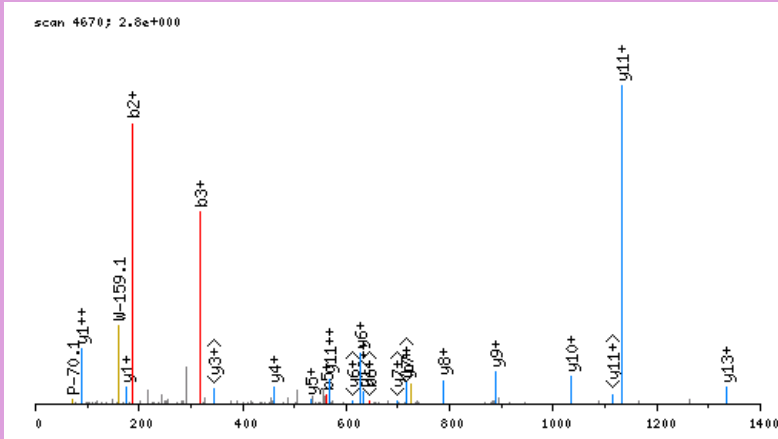
y + 2+ 3+

z + 2+ 3+

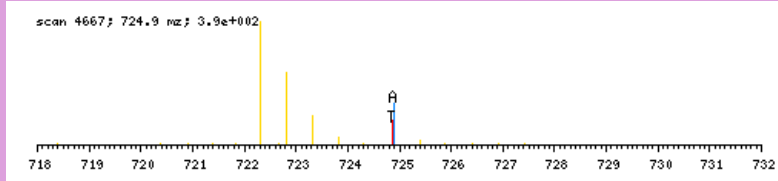
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 14		
187.1082	2	A 13	1333.6574	667.3326
318.1487	3	M 12	1262.6203	631.8141
415.2015	4	P 11	1131.5798	566.2938
562.2699	5	F 10	1034.5271	517.7675
663.3176	6	T 9	887.4587	444.2332
734.3547	7	A 8	786.4110	393.7094
821.3867	8	S 7	715.3739	358.1909
918.4395	9	P 6	628.3418	314.6748
989.4766	10	A 5	531.2891	266.1485
1086.5294	11	P 4	460.2520	230.6299
1173.5614	12	S 3	363.1992	182.1035
1274.6091	13	T 2	276.1672	138.5875
	14	R 1	175.1195	88.0637

N-term:+29.04

SAMPVPFTPELKPKR, MH+ 1782.0352, m/z 446.2643
L OS G28 P150811 220811-s1.06087.06087.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

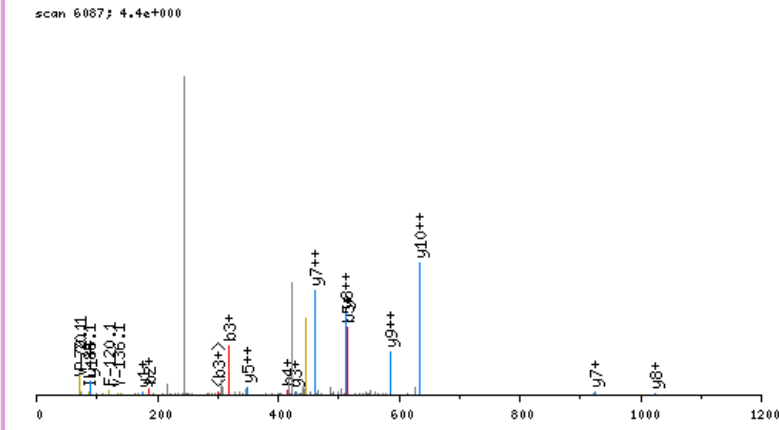
y + 2+ 3+

z + 2+ 3+

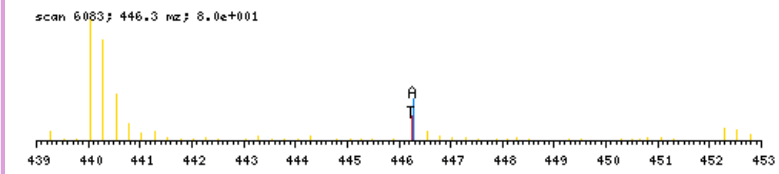
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	15		
187.1082	2	A	14	1666.9719	833.9899
318.1487	3	M	13	1595.9348	798.4713
415.2015	4	P	12	1464.8943	732.9511
514.2699	5	V	11	1367.8416	684.4247
611.3227	6	P	10	1268.7731	634.8905
758.3911	7	F	9	1171.7204	586.3641
859.4388	8	T	8	1024.6520	512.8299
956.4915	9	P	7	923.6043	462.3061
1085.5341	10	E	6	826.5515	413.7797
1198.6182	11	L	5	697.5089	349.2584
1354.7445	12	K	4	584.4249	292.7163
1451.7972	13	P	3	428.2986	214.6532
1607.9235	14	K	2	331.2458	166.1268
	15	R	1	175.1195	88.0637

N-term:+29.04 K(12):+156.13
K(14):+156.13

SAPASSPQLSHDDTHSR, MH+ 1820.8527, m/z 455.9686
 L OS G28 P150811 220811-s1.01866.01866.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

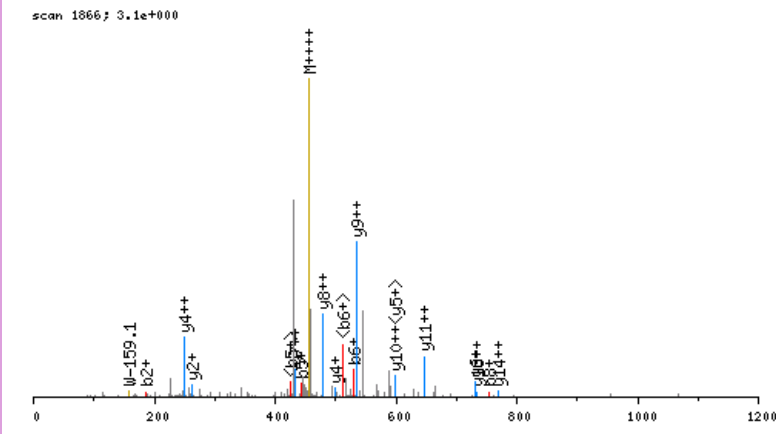
y + 2+ 3+

z + 2+ 3+

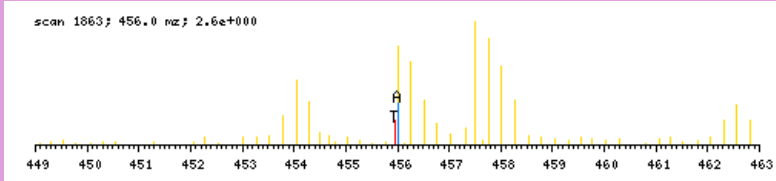
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 17		
187.1082	2	A 16	1705.7894	853.3986
284.1610	3	P 15	1634.7523	817.8801
355.1981	4	A 14	1537.6995	769.3537
442.2301	5	S 13	1466.6624	733.8351
529.2622	6	S 12	1379.6304	690.3191
626.3149	7	P 11	1292.5984	646.8031
754.3735	8	Q 10	1195.5456	598.2767
867.4576	9	L 9	1067.4870	534.2474
954.4896	10	S 8	954.4029	477.7054
1091.5485	11	H 7	867.3709	434.1894
1206.5755	12	D 6	730.3120	365.6599
1321.6024	13	D 5	615.2851	308.1464
1422.6501	14	T 4	500.2581	250.6330
1559.7090	15	H 3	399.2104	200.1091
1646.7410	16	S 2	262.1515	131.5797
	17	R 1	175.1195	88.0637

N-term:+29.04

SAPSASGTPNKETAGLVGVSSR, MH+ 2303.3419, m/z 576.5909
 H OS G27 P150811 220811-s1.03141.03141.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

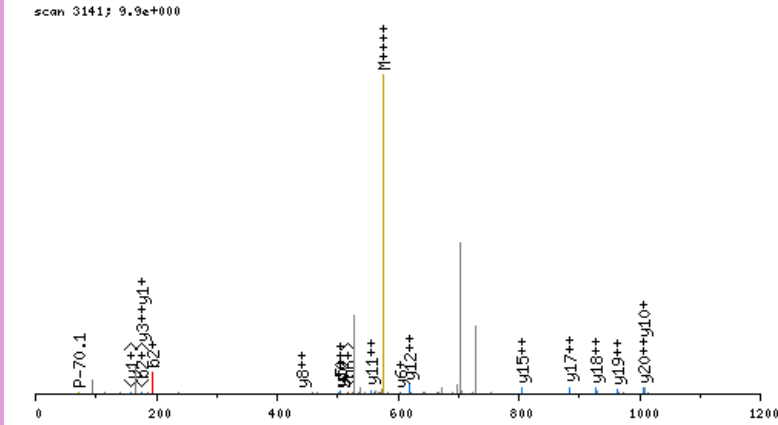
y + 2+ 3+

z + 2+ 3+

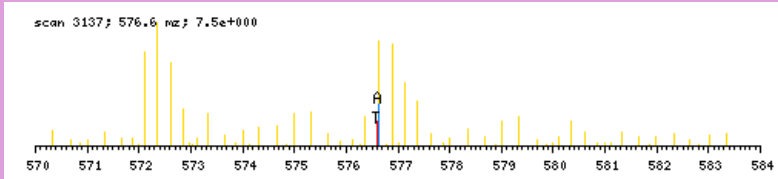
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



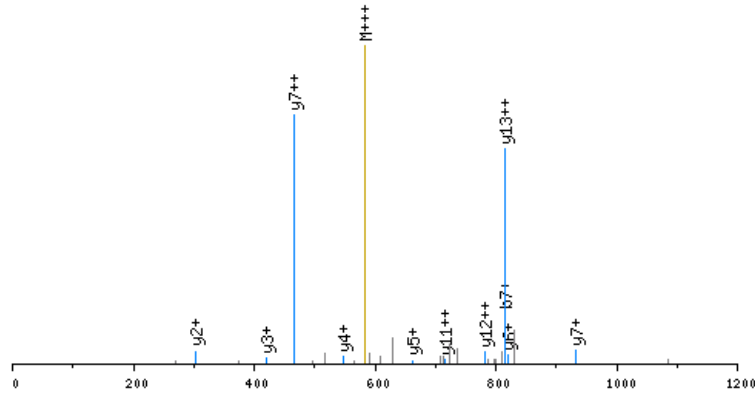
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
122.1029	1	S	23		
193.1400	2	A	22	2182.2468	1091.6273
290.1928	3	P	21	2111.2097	1056.1088
377.2248	4	S	20	2014.1570	1007.5824
448.2619	5	A	19	1927.1249	964.0664
535.2940	6	S	18	1856.0878	928.5478
592.3154	7	G	17	1769.0558	885.0318
693.3631	8	T	16	1712.0343	856.5211
790.4159	9	P	15	1610.9867	805.9972
904.4588	10	N	14	1513.9339	757.4709
1066.6169	11	K	13	1399.8910	700.4494
1195.6595	12	E	12	1237.7329	619.3703
1296.7072	13	T	11	1108.6903	554.8490
1367.7443	14	A	10	1007.6426	504.3252
1424.7658	15	G	9	936.6055	468.8067
1537.8498	16	L	8	879.5840	440.2959
1700.0079	17	K	7	766.4999	383.7539
1799.0763	18	V	6	604.3418	302.6748
1856.0978	19	G	5	505.2734	253.1406
1955.1662	20	V	4	448.2520	224.6299
2042.1982	21	S	3	349.1836	175.0957
2129.2303	22	S	2	262.1515	131.5797
	23	R	1	175.1195	88.0637

N-term:+35.07 K(11):+162.16
 K(17):+162.16

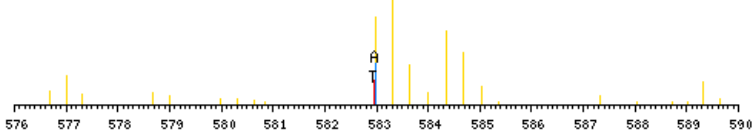
SAQQQEDIKDEDER, MH+ 1746.8146, m/z 582.9431
 L OS G27 P150811 220811-s1.01962.01962.3.dta

scan 1962; 8.1e-001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 1960; 582.9 m/z; 7.6e-001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

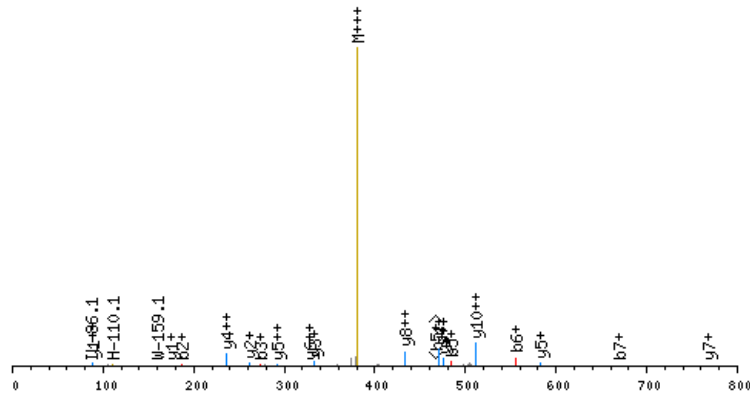
GO

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 14		
187.1082	2	A 13	1631.7513	816.3796
315.1668	3	Q 12	1560.7142	780.8610
443.2254	4	Q 11	1432.6556	716.8317
571.2840	5	Q 10	1304.5971	652.8024
700.3266	6	E 9	1176.5385	588.7731
815.3535	7	D 8	1047.4959	524.2519
928.4376	8	I 7	932.4689	466.7384
1084.5639	9	K 6	819.3849	410.1963
1199.5908	10	D 5	663.2586	332.1332
1328.6334	11	E 4	548.2316	274.6197
1443.6604	12	D 3	419.1890	210.0984
1572.7029	13	E 2	304.1621	152.5850
	14	R 1	175.1195	88.0637

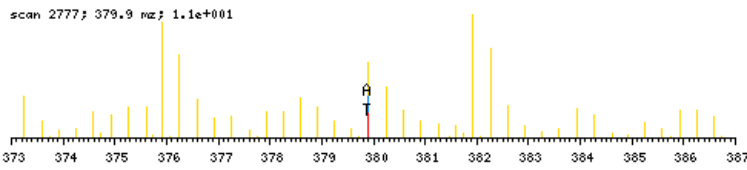
N-term:+29.04 K(9):+156.13

SASPLAIHASR, MH+ 1137.6380, m/z 379.8842
 L OS G27 P150811 220811-s1.02780.02780.3.dta

scan 2780; 1.4e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	11		
187.1082	2	A	10	1022.5747	511.7913
274.1403	3	S	9	951.5376	476.2727
371.1930	4	P	8	864.5056	432.7567
484.2771	5	L	7	767.4528	384.2303
555.3142	6	A	6	654.3687	327.6883
668.3983	7	I	5	583.3316	292.1697
805.4572	8	H	4	470.2476	235.6277
876.4943	9	A	3	333.1886	167.0982
963.5263	10	S	2	262.1515	131.5797
	11	R	1	175.1195	88.0637

N-term:+29.04

SASSTNLKDVLSNLIPEQAR, MH+ 2355.3248, m/z 589.5867
 L OS G27 P150811 220811-s1.07254.07254.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

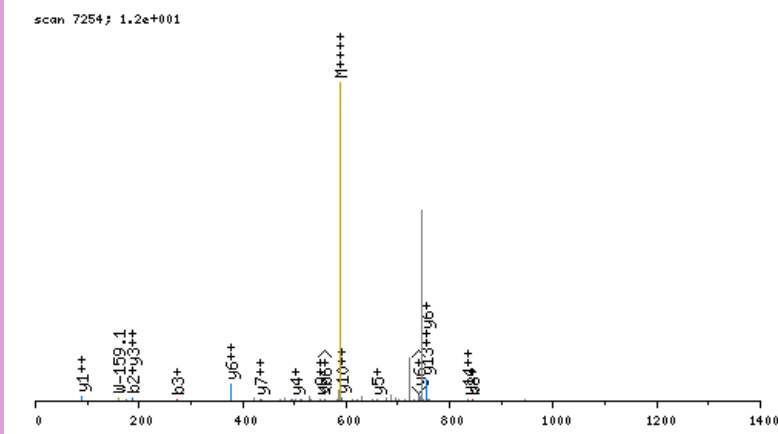
y + 2+ 3+

z + 2+ 3+

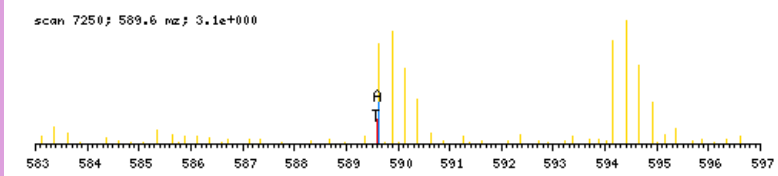
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	21		
187.1082	2	A	20	2240.2615	1120.6347
274.1403	3	S	19	2169.2244	1085.1161
361.1723	4	S	18	2082.1924	1041.6001
462.2200	5	T	17	1995.1603	998.0841
576.2629	6	N	16	1894.1126	947.5602
689.3470	7	L	15	1780.0697	890.5388
845.4733	8	K	14	1666.9857	833.9967
960.5002	9	D	13	1510.8594	755.9336
1059.5686	10	V	12	1395.8324	698.4201
1172.6527	11	L	11	1296.7640	648.8859
1259.6847	12	S	10	1183.6799	592.3439
1373.7276	13	N	9	1096.6479	548.8279
1486.8117	14	L	8	982.6050	491.8064
1599.8958	15	I	7	869.5209	435.2644
1696.9485	16	P	6	756.4368	378.7223
1853.0748	17	K	5	659.3841	330.1960
1982.1174	18	E	4	503.2578	252.1328
2110.1760	19	Q	3	374.2152	187.6115
2181.2131	20	A	2	246.1566	123.5822
	21	R	1	175.1195	88.0637

N-term: +29.04 K(8): +156.13
 K(17): +156.13

SASYDPGSAKTILNNGKTCR, MH+ 2224.1396, m/z 556.7904
 L OS G28 P150811 220811-s1.04267.04267.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

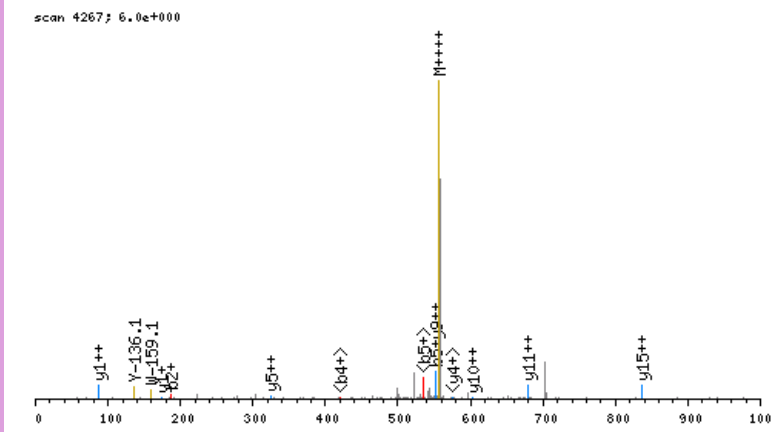
y + 2+ 3+

z + 2+ 3+

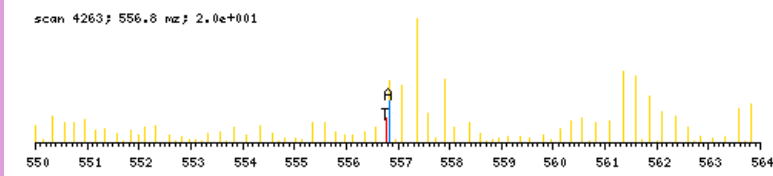
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	20		
187.1082	2	A	19	2109.0763	1055.0421
274.1403	3	S	18	2038.0392	1019.5235
437.2036	4	Y	17	1951.0071	976.0075
552.2305	5	D	16	1787.9438	894.4758
649.2833	6	P	15	1672.9169	836.9623
706.3048	7	G	14	1575.8641	788.4360
793.3368	8	S	13	1518.8426	759.9252
864.3739	9	A	12	1431.8106	716.4092
1020.5002	10	K	11	1360.7735	680.8907
1121.5479	11	T	10	1204.6472	602.8275
1234.6320	12	I	9	1103.5995	552.3037
1347.7160	13	L	8	990.5155	495.7616
1461.7589	14	N	7	877.4314	439.2196
1575.8019	15	N	6	763.3885	382.1981
1632.8233	16	G	5	649.3455	325.1767
1788.9496	17	K	4	592.3241	296.6660
1889.9973	18	T	3	436.1978	218.6028
2050.0279	19	C	2	335.1501	168.0790
	20	R	1	175.1195	88.0637

N-term: +29.04 K(10): +156.13
 K(17): +156.13 C(19): +160.03

SATHHKTSLPQGVK, MH+ 1586.9403, m/z 529.6516
 H OS G27 P150811 220811-s1.02624.02624.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

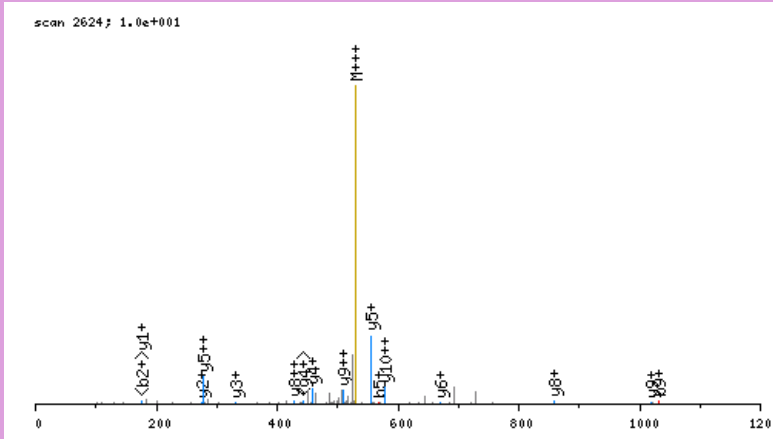
y + 2+ 3+

z + 2+ 3+

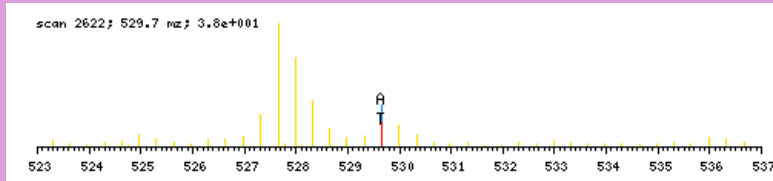
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



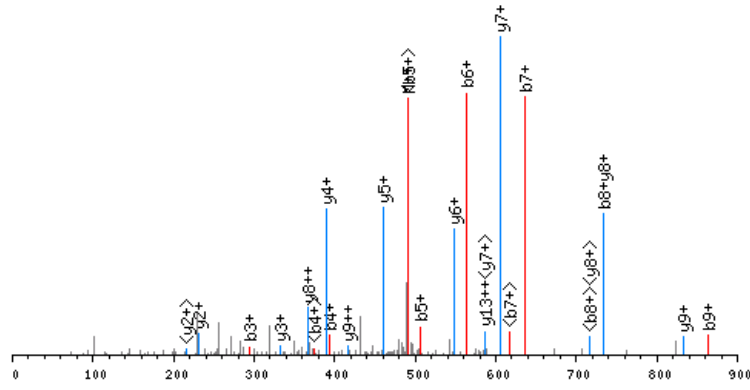
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 14		
193.1400	2	A 13	1465.8452	733.4265
294.1877	3	T 12	1394.8081	697.9080
431.2466	4	H 11	1293.7604	647.3841
568.3055	5	H 10	1156.7015	578.8547
730.4636	6	K 9	1019.6426	510.3252
831.5113	7	T 8	857.4845	429.2462
918.5434	8	S 7	756.4368	378.7223
1031.6274	9	L 6	669.4048	335.2063
1128.6802	10	P 5	556.3207	278.6643
1256.7388	11	Q 4	459.2680	230.1379
1313.7602	12	G 3	331.2094	166.1086
1412.8286	13	V 2	274.1879	137.5979
	14	R 1	175.1195	88.0637

N-term:+35.07 K(6):+162.16

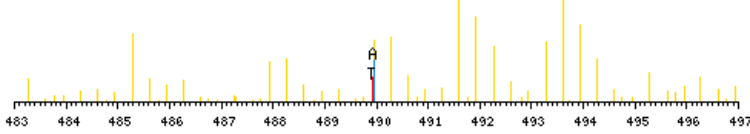
SATVNGAVEGSAGTGR, MH+ 1467.7615, m/z 489.9254
 H OS G25 P150811 220811-s1.02265.02265.3.dta

scan 2265; 1.7e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2262; 489.9 m/z; 1.1e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 16		
193.1400	2	A 15	1346.6664	673.8371
294.1877	3	T 14	1275.6293	638.3186
393.2561	4	V 13	1174.5816	587.7947
507.2991	5	N 12	1075.5132	538.2605
564.3205	6	G 11	961.4703	481.2391
635.3576	7	A 10	904.4488	452.7283
734.4261	8	V 9	833.4117	417.2098
863.4686	9	E 8	734.3433	367.6756
920.4901	10	G 7	605.3007	303.1543
1007.5221	11	S 6	548.2792	274.6435
1078.5593	12	A 5	461.2472	231.1275
1135.5807	13	G 4	390.2101	195.6090
1236.6284	14	T 3	333.1886	167.0982
1293.6499	15	G 2	232.1410	116.5744
	16	R 1	175.1195	88.0637

N-term:+35.07

SAVEKGEELSCEER, MH+ 1678.7958, m/z 560.2701
 L OS G27 P150811 220811-s1.02571.02571.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

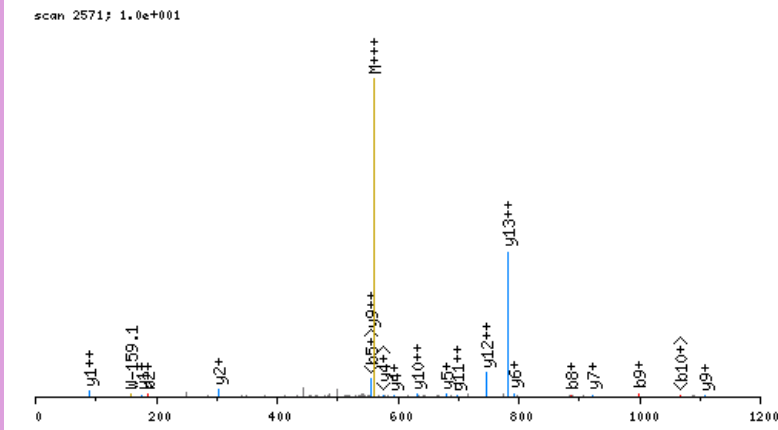
y + 2+ 3+

z + 2+ 3+

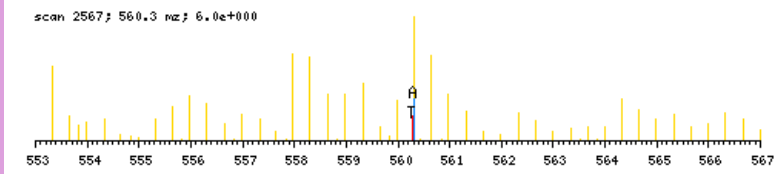
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



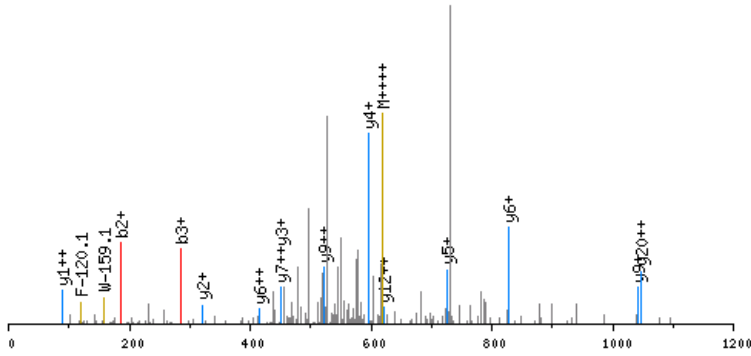
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S	14	
187.1082	2	A	13	1563.7325
286.1767	3	V	12	1492.6953
415.2192	4	E	11	1393.6269
571.3455	5	K	10	1264.5843
628.3670	6	G	9	1108.4580
757.4096	7	E	8	1051.4366
886.4522	8	E	7	922.3940
999.5363	9	L	6	793.3514
1086.5683	10	S	5	680.2673
1246.5989	11	C	4	593.2353
1375.6415	12	E	3	433.2047
1504.6841	13	E	2	304.1621
	14	R	1	175.1195

N-term:+29.04 K(5):+156.13
 C(11):+160.03

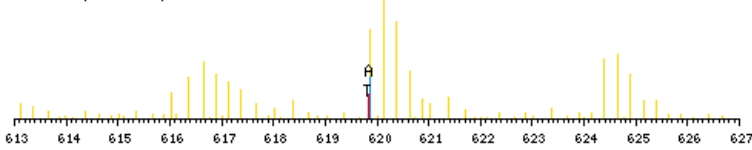
SAVPPGADKKAEAGAGSATEFQFR, MH+ 2476.2837, m/z 619.8264
 L OS G27 P150811 220811-s1.04601.04601.4.dta

scan 4601; 1.2e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4597; 619.8 mz; 1.4e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	24		
187.1082	2	A	23	2361.2204	1181.1141
286.1767	3	V	22	2290.1832	1145.5955
383.2294	4	P	21	2191.1148	1096.0613
480.2822	5	P	20	2094.0621	1047.5349
537.3036	6	G	19	1997.0093	999.0086
608.3408	7	A	18	1939.9878	970.4978
723.3677	8	D	17	1868.9507	934.9793
879.4940	9	K	16	1753.9238	877.4658
1035.6203	10	K	15	1597.7975	799.4027
1106.6574	11	A	14	1441.6712	721.3395
1235.7000	12	E	13	1370.6341	685.8209
1306.7371	13	A	12	1241.5915	621.2997
1363.7586	14	G	11	1170.5544	585.7811
1434.7957	15	A	10	1113.5329	557.2704
1491.8172	16	G	9	1042.4958	521.7518
1578.8492	17	S	8	985.4743	493.2411
1649.8863	18	A	7	898.4423	449.7251
1750.9340	19	T	6	827.4052	414.2065
1879.9766	20	E	5	726.3575	363.6827
2027.0450	21	F	4	597.3149	299.1614
2155.1036	22	Q	3	450.2465	225.6272
2302.1720	23	F	2	322.1879	161.5979
	24	R	1	175.1195	88.0637

N-term:+29.04 K(9):+156.13
 K(10):+156.13

SAYPSEEDMIEWAKR, MH+ 1867.8900, m/z 623.3015
 L OS G26 P150811 220811-s1.05584.05584.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

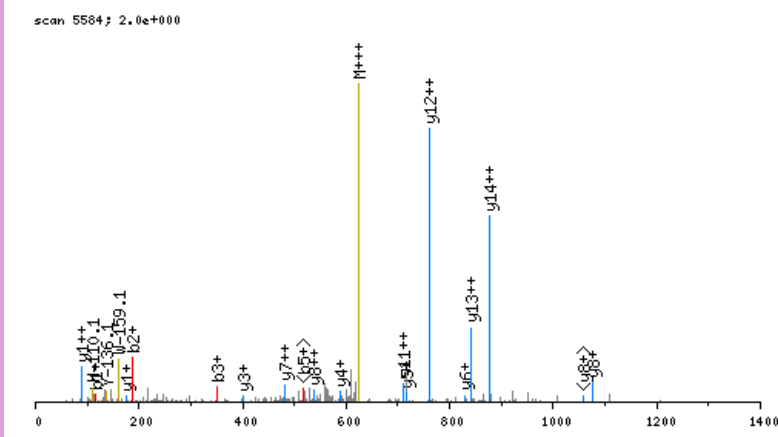
y + 2+ 3+

z + 2+ 3+

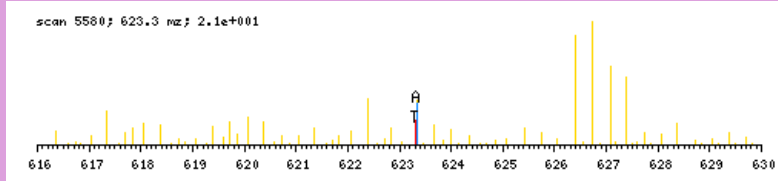
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	15		
187.1082	2	A	14	1752.8267	876.9173
350.1716	3	Y	13	1681.7896	841.3987
447.2243	4	P	12	1518.7263	759.8671
534.2564	5	S	11	1421.6735	711.3407
663.2990	6	E	10	1334.6415	667.8247
792.3415	7	E	9	1205.5989	603.3034
907.3685	8	D	8	1076.5563	538.7821
1038.4090	9	M	7	961.5294	481.2686
1151.4930	10	I	6	830.4889	415.7484
1280.5356	11	E	5	717.4048	359.2063
1466.6149	12	W	4	588.3622	294.6850
1537.6521	13	A	3	402.2829	201.6454
1693.7784	14	K	2	331.2458	166.1268
	15	R	1	175.1195	88.0637

N-term:+29.04 K(14):+156.13

SCHLAQAPNHVVVSR, MH+ 1702.8811, m/z 426.4757
 L OS G28 P150811 220811-s1.02669.02669.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

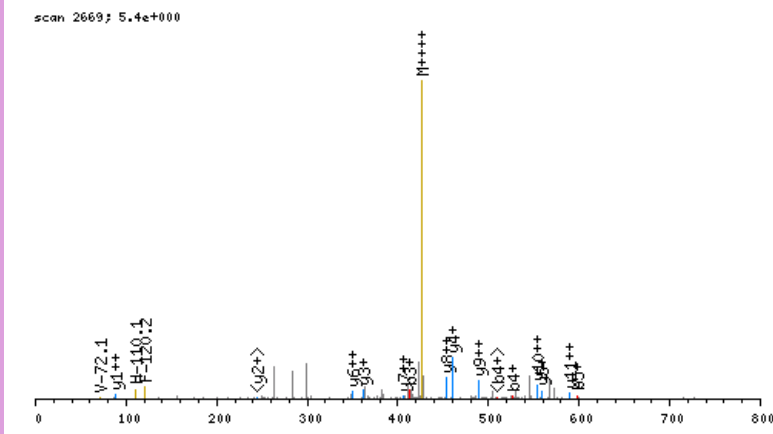
y + 2+ 3+

z + 2+ 3+

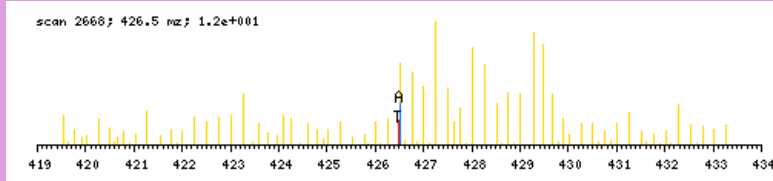
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 15		
276.1017	2	C 14	1587.8178	794.4128
413.1606	3	H 13	1427.7872	714.3975
526.2447	4	L 12	1290.7282	645.8680
597.2818	5	A 11	1177.6442	589.3260
725.3404	6	Q 10	1106.6071	553.8074
796.3775	7	A 9	978.5485	489.7782
893.4303	8	P 8	907.5114	454.2596
1007.4732	9	N 7	810.4586	405.7332
1144.5321	10	H 6	696.4157	348.7118
1243.6005	11	V 5	559.3568	280.1823
1342.6689	12	V 4	460.2884	230.6481
1441.7374	13	V 3	361.2199	181.1139
1528.7694	14	S 2	262.1515	131.5797
	15	R 1	175.1195	88.0637

N-term:+29.04 C(2):+160.03

SCLTPKLDGVKEKALVSSVR, MH+ 2299.3424, m/z 575.5910
 L OS G28 P150811 220811-s1.05676.05676.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

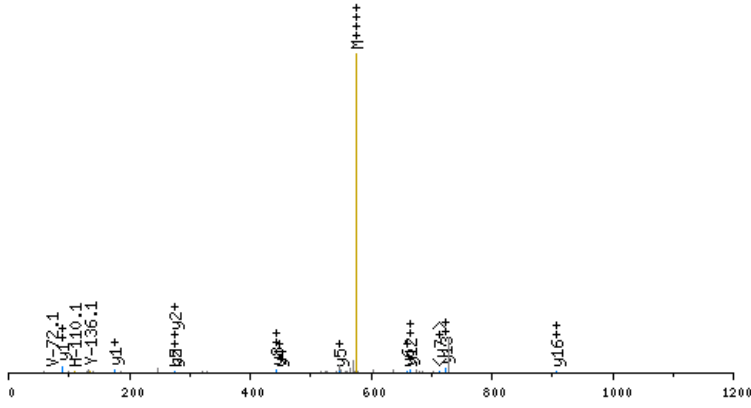
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

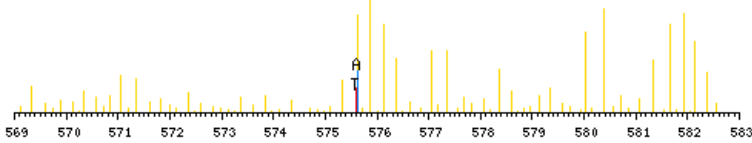
GO

scan 5676; 1.4e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5673; 575.6 nz; 5.0e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	20		
276.1017	2	C	19	2184.2790	1092.6434
389.1858	3	L	18	2024.2484	1012.6281
490.2335	4	T	17	1911.1644	956.0861
587.2862	5	P	16	1810.1167	905.5623
743.4125	6	K	15	1713.0639	857.0359
856.4966	7	L	14	1556.9376	778.9727
971.5235	8	D	13	1443.8536	722.4307
1028.5450	9	G	12	1328.8266	664.9172
1127.6134	10	V	11	1271.8052	636.4065
1283.7397	11	K	10	1172.7368	586.8723
1412.7823	12	E	9	1016.6105	508.8091
1568.9086	13	K	8	887.5679	444.2878
1639.9457	14	A	7	731.4416	366.2247
1753.0298	15	L	6	660.4044	330.7061
1852.0982	16	V	5	547.3204	274.1641
1939.1302	17	S	4	448.2520	224.6299
2026.1623	18	S	3	361.2199	181.1139
2125.2307	19	V	2	274.1879	137.5979
	20	R	1	175.1195	88.0637

N-term:+29.04 C(2):+160.03
 K(6):+156.13 K(11):+156.13
 K(13):+156.13

SCNLGKFKFDETTADGR, MH+ 1855.8496, m/z 619.2880
 L OS G27 P150811 220811-s1.03664.03664.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

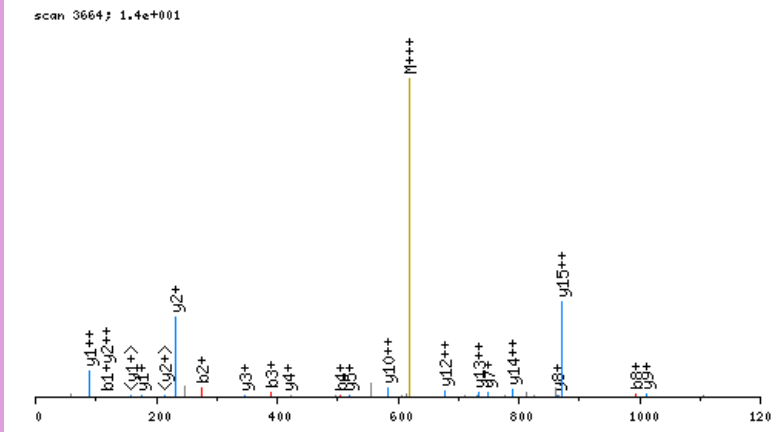
y + 2+ 3+

z + 2+ 3+

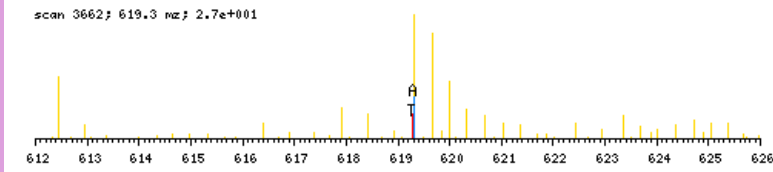
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 16		
276.1017	2	C 15	1740.7863	870.8971
390.1447	3	N 14	1580.7557	790.8818
503.2287	4	L 13	1466.7127	733.8603
560.2502	5	G 12	1353.6287	677.3183
689.2928	6	E 11	1296.6072	648.8075
845.4191	7	K 10	1167.5646	584.2862
992.4875	8	F 9	1011.4383	506.2231
1107.5144	9	D 8	864.3699	432.6889
1236.5570	10	E 7	749.3430	375.1754
1337.6047	11	T 6	620.3004	310.6541
1438.6524	12	T 5	519.2527	260.1303
1509.6895	13	A 4	418.2050	209.6064
1624.7164	14	D 3	347.1679	174.0879
1681.7379	15	G 2	232.1410	116.5744
	16	R 1	175.1195	88.0637

N-term:+29.04 C(2):+160.03
 K(7):+156.13

SCQGIQCAPGQR, MH+ 1389.6366, m/z 463.8837
 L OS G25 P150811 220811-s1.02108.02108.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

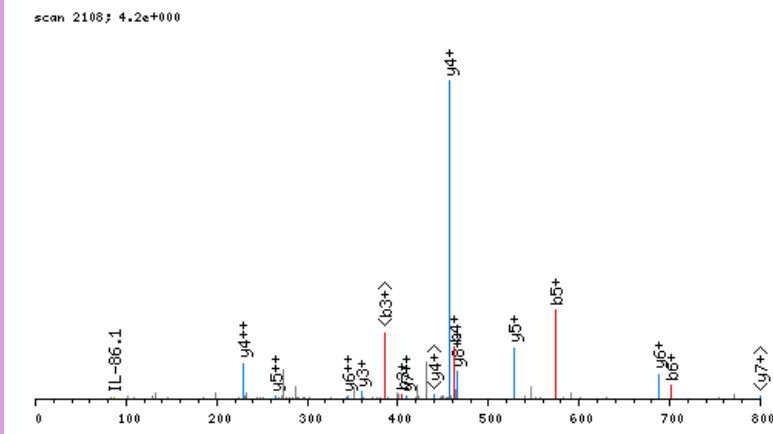
y + 2+ 3+

z + 2+ 3+

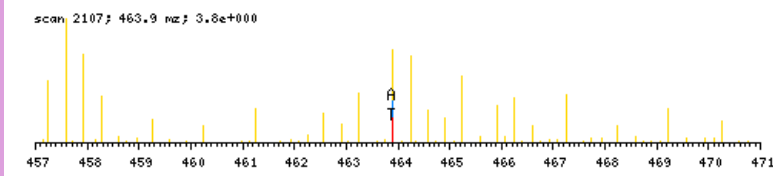
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 12		
276.1017	2	C 11	1274.5733	637.7906
404.1603	3	Q 10	1114.5427	557.7753
461.1818	4	G 9	986.4841	493.7460
574.2658	5	I 8	929.4627	465.2352
702.3244	6	Q 7	816.3786	408.6932
862.3550	7	C 6	688.3200	344.6639
933.3921	8	A 5	528.2894	264.6486
1030.4449	9	P 4	457.2523	229.1301
1087.4664	10	G 3	360.1995	180.6037
1215.5249	11	Q 2	303.1781	152.0930
	12	R 1	175.1195	88.0637

N-term:+29.04 C(2):+160.03
 C(7):+160.03

SDAPPLTLTDGIKDR, MH+ 1553.8539, m/z 518.6228
 L OS G26 P150811 220811-s1.03956.03956.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

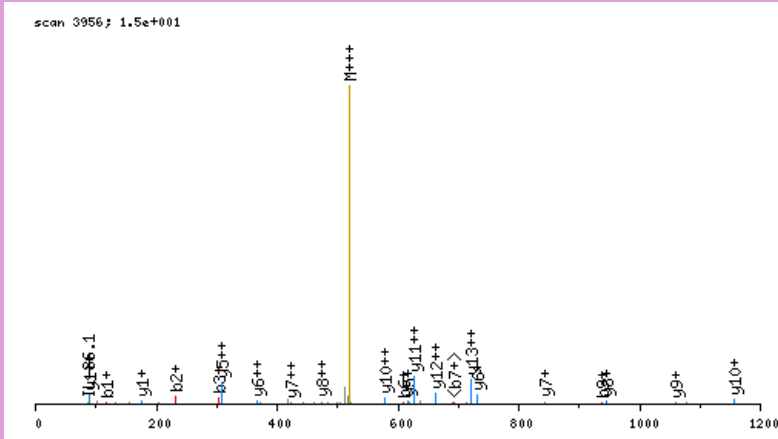
y + 2+ 3+

z + 2+ 3+

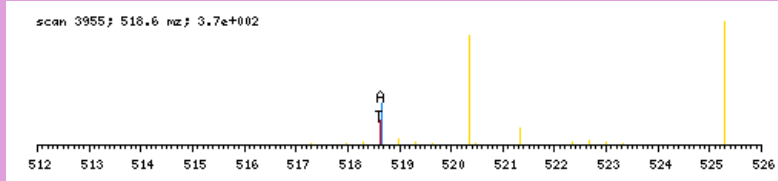
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



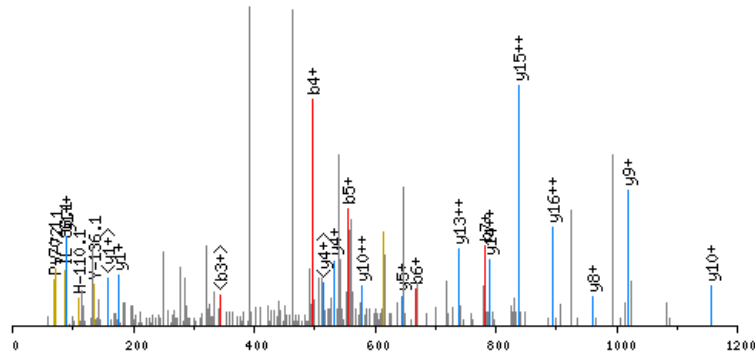
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 14		
231.0981	2	D 13	1438.7906	719.8992
302.1352	3	A 12	1323.7637	662.3857
399.1879	4	P 11	1252.7265	626.8672
496.2407	5	P 10	1155.6738	578.3408
609.3248	6	L 9	1058.6210	529.8144
710.3725	7	T 8	945.5370	473.2724
823.4565	8	L 7	844.4893	422.7486
938.4835	9	D 6	731.4052	366.2065
995.5049	10	G 5	616.3783	308.6930
1108.5890	11	I 4	559.3568	280.1823
1264.7153	12	K 3	446.2727	223.6403
1379.7422	13	D 2	290.1464	145.5771
	14	R 1	175.1195	88.0637

N-term:+29.04 K(12):+156.13

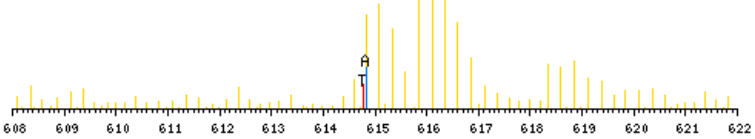
SDEHGIDPTGYHGDSDLQLDR, MH+ 2456.0966, m/z 614.7796
 L OS G28 P150811 220811-s1.05519.05519.4.dta

scan 5519; 5.1e-001



click image to zoom in; click top corners to zoom out [precursor±]

scan 5518; 614.8 m/z; 1.4e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 22		
231.0981	2	D 21	2341.0333	1171.0205
360.1407	3	E 20	2226.0063	1113.5071
497.1996	4	H 19	2096.9637	1048.9858
554.2210	5	G 18	1959.9048	980.4563
667.3051	6	I 17	1902.8834	951.9456
782.3320	7	D 16	1789.7993	895.4036
879.3848	8	P 15	1674.7724	837.8901
980.4325	9	T 14	1577.7196	789.3637
1037.4540	10	G 13	1476.6719	738.8399
1138.5016	11	T 12	1419.6504	710.3291
1301.5650	12	Y 11	1318.6028	659.8053
1438.6239	13	H 10	1155.5394	578.2736
1495.6453	14	G 9	1018.4805	509.7442
1610.6723	15	D 8	961.4591	481.2334
1697.7043	16	S 7	846.4321	423.7200
1812.7313	17	D 6	759.4001	380.2040
1925.8153	18	L 5	644.3731	322.6905
2053.8739	19	Q 4	531.2891	266.1485
2166.9580	20	L 3	403.2305	202.1192
2281.9849	21	D 2	290.1464	145.5771
	22	R 1	175.1195	88.0637

N-term:+29.04

SDFSEGOAVGAHR, MH+ 1388.6558, m/z 463.5568
 L OS G27 P150811 220811-s1.02466.02466.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

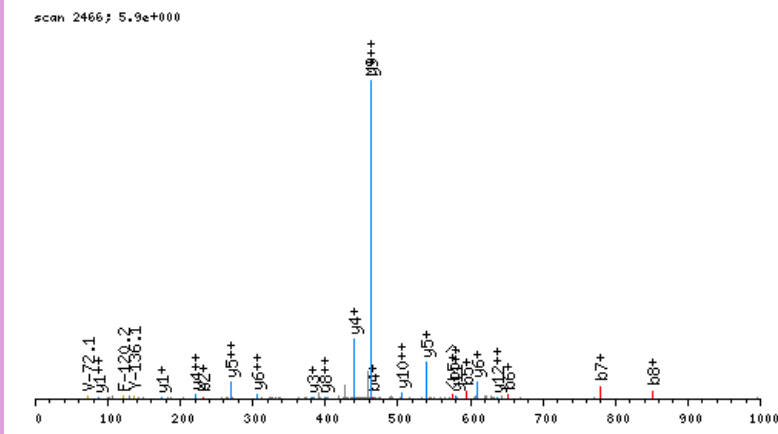
y + 2+ 3+

z + 2+ 3+

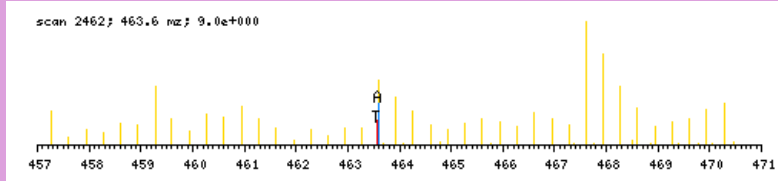
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 13		
231.0981	2	D 12	1273.5925	637.3002
378.1665	3	F 11	1158.5656	579.7867
465.1985	4	S 10	1011.4972	506.2525
594.2411	5	E 9	924.4652	462.7365
651.2626	6	G 8	795.4226	398.2152
779.3211	7	Q 7	738.4011	369.7045
850.3583	8	A 6	610.3425	305.6752
949.4267	9	V 5	539.3054	270.1566
1006.4481	10	G 4	440.2370	220.6224
1077.4853	11	A 3	383.2155	192.1117
1214.5442	12	H 2	312.1784	156.5931
	13	R 1	175.1195	88.0637

N-term:+29.04

SDISEDQPQEPFR, MH+ 1525.7134, m/z 509.2427
 L OS G25 P150811 220811-s1.02544.02544.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

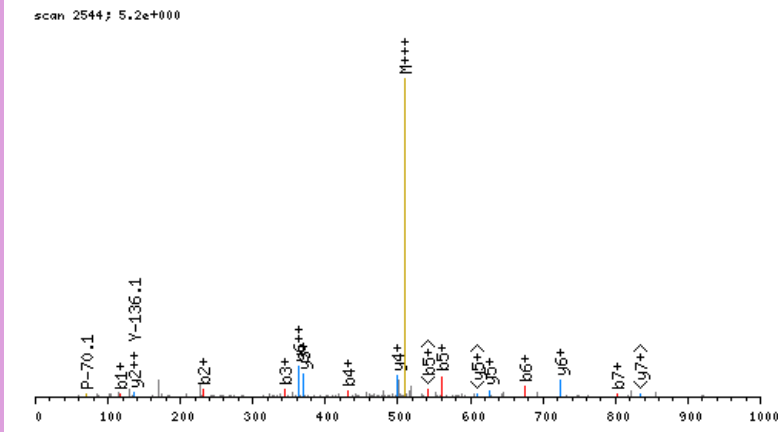
y + 2+ 3+

z + 2+ 3+

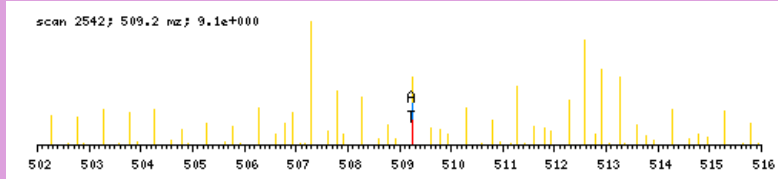
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



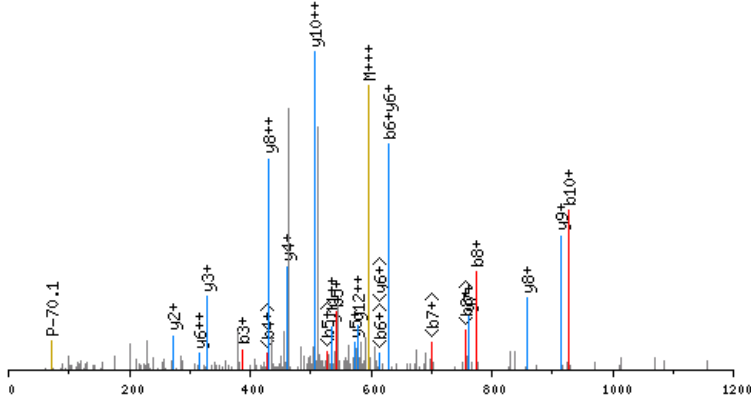
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 13		
231.0981	2	D 12	1410.6501	705.8290
344.1821	3	I 11	1295.6232	648.3155
431.2142	4	S 10	1182.5391	591.7735
560.2568	5	E 9	1095.5071	548.2575
675.2837	6	D 8	966.4645	483.7362
803.3423	7	Q 7	851.4375	426.2227
900.3950	8	P 6	723.3790	362.1934
1028.4536	9	Q 5	626.3262	313.6670
1157.4962	10	E 4	498.2676	249.6377
1254.5490	11	P 3	369.2250	185.1164
1351.6017	12	P 2	272.1723	136.5900
	13	R 1	175.1195	88.0637

N-term:+29.04

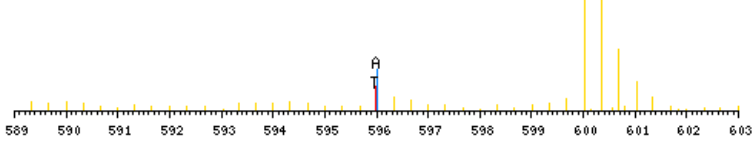
SDKGVSSGPGMGLMGP, MH+ 1785.8992, m/z 595.9712
 L OS G26 P150811 220811-s1.03928.03928.3.dta

scan 3928; 9.2e-001



click image to zoom in; click top corners to zoom out [precursor±]

scan 3925; 596.0 m/z; 4.8e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 18		
231.0981	2	D 17	1670.8359	835.9218
387.2244	3	K 16	1555.8089	778.4084
444.2458	4	G 15	1399.6826	700.3452
543.3142	5	V 14	1342.6612	671.8345
630.3463	6	S 13	1243.5927	622.3003
717.3783	7	S 12	1156.5607	578.7843
774.3998	8	G 11	1069.5287	535.2683
871.4525	9	P 10	1012.5072	506.7575
928.4740	10	G 9	915.4545	458.2311
1025.5268	11	P 8	858.4330	429.7204
1156.5672	12	M 7	761.3802	381.1940
1213.5887	13	G 6	630.3397	315.6738
1326.6728	14	L 5	573.3183	287.1631
1457.7133	15	M 4	460.2342	230.6210
1514.7347	16	G 3	329.1937	165.1008
1611.7875	17	P 2	272.1723	136.5900
	18	R 1	175.1195	88.0637

N-term:+29.04 K(3):+156.13

SDLEIELLKR, MH+ 1271.7575, m/z 424.5907
 L OS G27 P150811 220811-s1.06031.06031.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

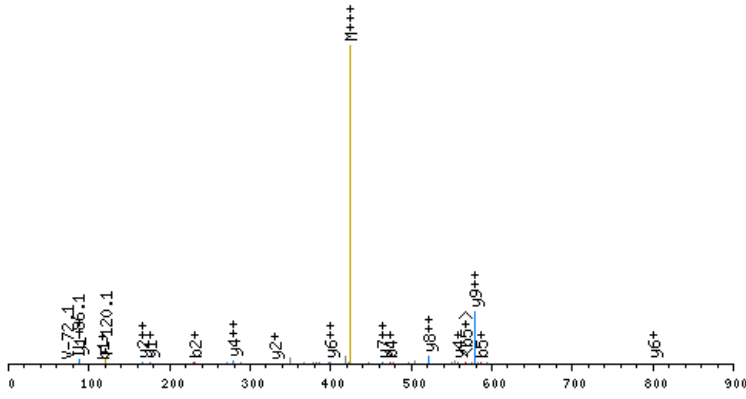
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

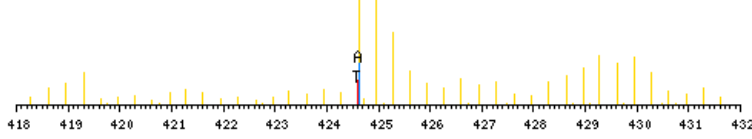
GO

scan 6031; 1.8e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6027; 424.6 m/z; 1.3e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S	10	
231.0981	2	D	9	1156.6942
344.1821	3	L	8	1041.6672
473.2247	4	E	7	928.5832
586.3088	5	I	6	799.5406
715.3514	6	E	5	686.4565
828.4354	7	L	4	557.4139
941.5195	8	L	3	444.3299
1097.6458	9	K	2	331.2458
	10	R	1	175.1195

N-term:+29.04 K(9):+156.13

SDLELHPPSYWWSHR, MH+ 1848.9033, m/z 462.9813
 L OS G28 P150811 220811-s1.06857.06857.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

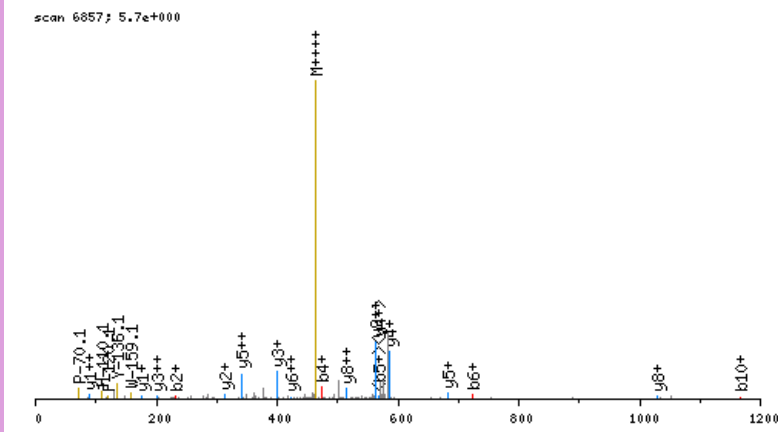
y + 2+ 3+

z + 2+ 3+

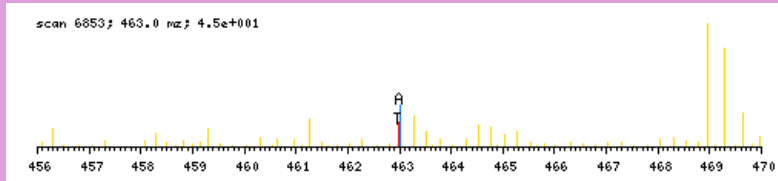
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 15		
231.0981	2	D 14	1733.8400	867.4239
344.1821	3	L 13	1618.8130	809.9104
473.2247	4	E 12	1505.7290	753.3684
586.3088	5	L 11	1376.6864	688.8471
723.3677	6	H 10	1263.6023	632.3051
820.4205	7	P 9	1126.5434	563.7756
917.4732	8	P 8	1029.4906	515.2492
1004.5053	9	S 7	932.4379	466.7228
1167.5686	10	Y 6	845.4058	423.2068
1264.6214	11	P 5	682.3425	341.6752
1450.7007	12	W 4	585.2898	293.1488
1537.7327	13	S 3	399.2104	200.1091
1674.7916	14	H 2	312.1784	156.5931
	15	R 1	175.1195	88.0637

N-term:+29.04

SDNQLQEGKNVIGLQMGTR, MH+ 2270.2199, m/z 568.3104
 H OS G26 P150811 220811-s1.04528.04528.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

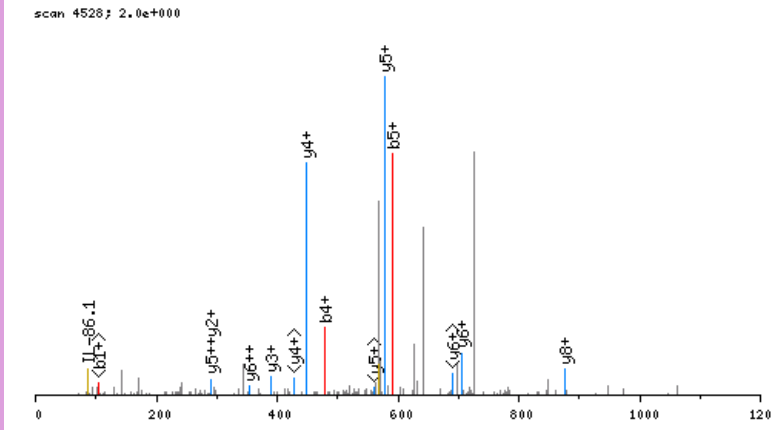
y + 2+ 3+

z + 2+ 3+

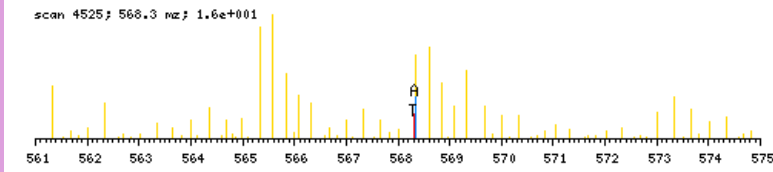
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S	20	
237.1299	2	D	19	2149.1248
351.1728	3	N	18	2034.0979
479.2314	4	Q	17	1920.0549
592.3154	5	L	16	1791.9964
720.3740	6	Q	15	1678.9123
849.4166	7	E	14	1550.8537
906.4381	8	G	13	1421.8111
1068.5962	9	K	12	1364.7897
1182.6391	10	N	11	1202.6316
1281.7075	11	V	10	1088.5886
1394.7916	12	I	9	989.5202
1451.8130	13	G	8	876.4362
1564.8971	14	L	7	819.4147
1692.9557	15	Q	6	706.3306
1823.9962	16	M	5	578.2721
1881.0176	17	G	4	447.2316
1982.0653	18	T	3	390.2101
2096.1082	19	N	2	289.1624
	20	R	1	175.1195

N-term:+35.07 K(9):+162.16

SDNQPGVLIQVYEGER, MH+ 1831.9190, m/z 611.3112
 L OS G25 P150811 220811-s1.06826.06826.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

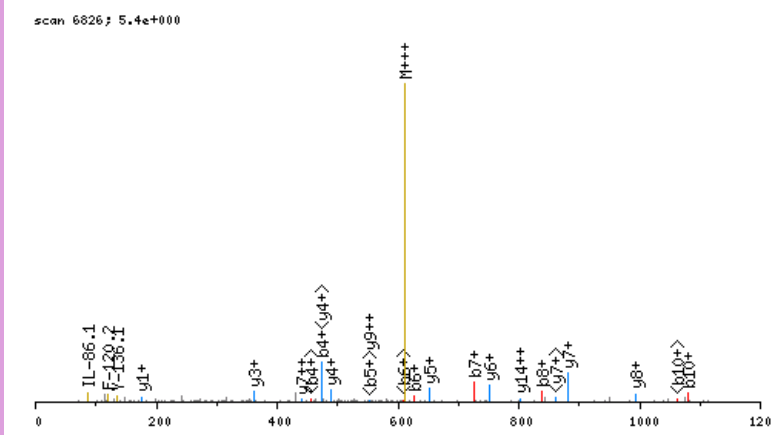
y + 2+ 3+

z + 2+ 3+

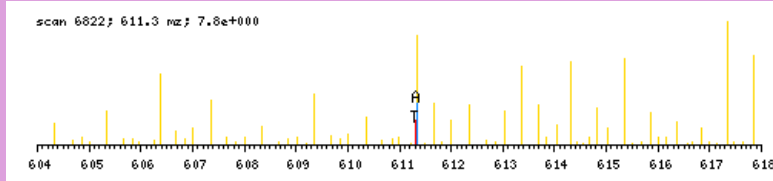
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 16		
231.0981	2	D 15	1716.8557	858.9318
345.1410	3	N 14	1601.8287	801.4183
473.1996	4	Q 13	1487.7858	744.3968
570.2523	5	P 12	1359.7272	680.3675
627.2738	6	G 11	1262.6745	631.8412
726.3422	7	V 10	1205.6530	603.3304
839.4263	8	L 9	1106.5846	553.7962
952.5103	9	I 8	993.5005	497.2542
1080.5689	10	Q 7	880.4165	440.7121
1179.6373	11	V 6	752.3579	376.6829
1342.7007	12	Y 5	653.2895	327.1487
1471.7433	13	E 4	490.2262	245.6170
1528.7647	14	G 3	361.1836	181.0957
1657.8073	15	E 2	304.1621	152.5850
	16	R 1	175.1195	88.0637

N-term:+29.04

SDPQQPPAPEASASAPPLR, MH+ 2077.0778, m/z 693.0308
 H OS G24 P150811 220811-s1.03181.03181.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

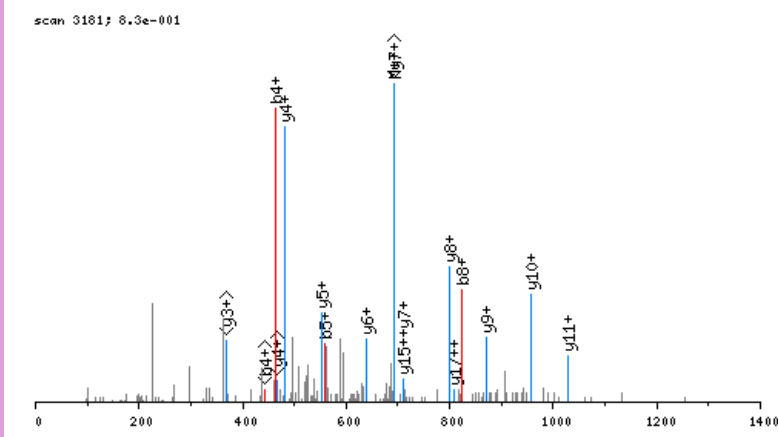
y + 2+ 3+

z + 2+ 3+

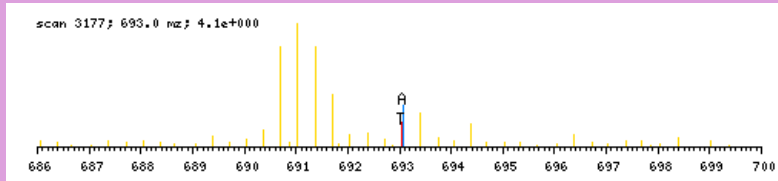
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



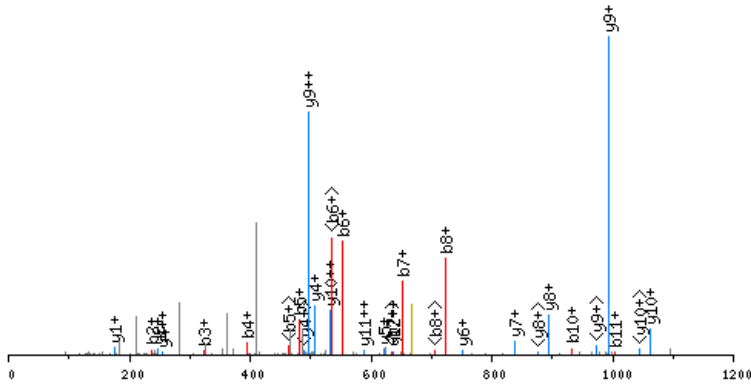
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 21		
237.1299	2	D 20	1955.9827	978.4953
334.1826	3	P 19	1840.9557	920.9818
462.2412	4	Q 18	1743.9030	872.4554
559.2940	5	P 17	1615.8444	808.4261
656.3467	6	P 16	1518.7916	759.8997
753.3995	7	P 15	1421.7389	711.3733
824.4366	8	A 14	1324.6861	662.8470
921.4894	9	P 13	1253.6490	627.3284
1050.5320	10	E 12	1156.5962	578.8020
1121.5691	11	A 11	1027.5536	514.2807
1208.6011	12	S 10	956.5165	478.7622
1279.6382	13	A 9	869.4845	435.2462
1366.6703	14	S 8	798.4474	399.7276
1437.7074	15	A 7	711.4153	356.2116
1524.7394	16	S 6	640.3782	320.6930
1595.7765	17	A 5	553.3462	277.1770
1692.8293	18	P 4	482.3091	241.6585
1789.8820	19	P 3	385.2563	193.1321
1902.9661	20	L 2	288.2036	144.6057
	21	R 1	175.1195	88.0637

N-term:+35.07

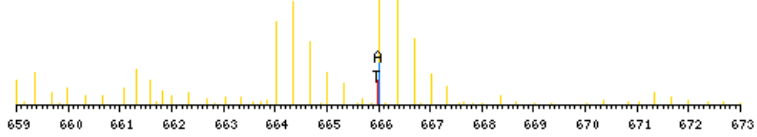
SDSASAVAPLAPGSEDNFAR, MH+ 1995.9835, m/z 665.9994
 H OS G24 P150811 220811-s1.03618.03618.3.dta

scan 3618; 3.2e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 3617; 666.0 m/z; 7.0e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

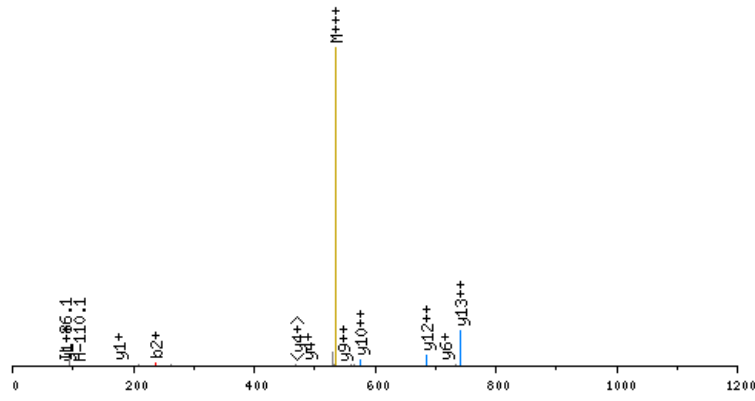
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
122.1029	1	S	20		
237.1299	2	D	19	1874.8884	937.9481
324.1619	3	S	18	1759.8615	880.4347
395.1990	4	A	17	1672.8295	836.9186
482.2310	5	S	16	1601.7924	801.4001
553.2682	6	A	15	1514.7603	757.8841
652.3366	7	V	14	1443.7232	722.3655
723.3737	8	A	13	1344.6548	672.8313
820.4264	9	P	12	1273.6177	637.3128
933.5105	10	L	11	1176.5649	588.7864
1004.5476	11	A	10	1063.4809	532.2443
1101.6004	12	P	9	992.4437	496.7258
1158.6219	13	G	8	895.3910	448.1994
1245.6539	14	S	7	838.3695	419.6887
1374.6965	15	E	6	751.3375	376.1727
1489.7234	16	D	5	622.2949	311.6514
1603.7663	17	N	4	507.2680	254.1379
1750.8348	18	F	3	393.2250	197.1164
1821.8719	19	A	2	246.1566	123.5822
	20	R	1	175.1195	88.0637

N-term:+35.07

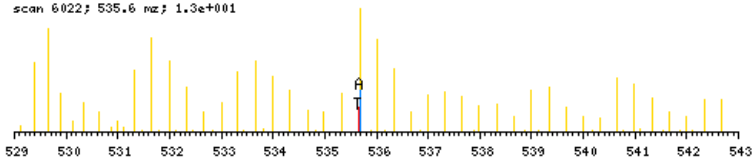
SDSEGFKANLSLLR, MH+ 1604.9284, m/z 535.6477
 H OS G27 P150811 220811-s1.06026.06026.3.dta

scan 6026; 2.8e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6022; 535.6 m/z; 1.3e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 14		
237.1299	2	D 13	1483.8333	742.4206
324.1619	3	S 12	1368.8064	684.9071
453.2045	4	E 11	1281.7743	641.3911
510.2260	5	G 10	1152.7317	576.8698
657.2944	6	F 9	1095.7103	548.3591
819.4525	7	K 8	948.6419	474.8248
890.4896	8	A 7	786.4838	393.7458
1004.5325	9	N 6	715.4466	358.2272
1117.6166	10	L 5	601.4037	301.2058
1204.6486	11	S 4	488.3197	244.6637
1317.7327	12	L 3	401.2876	201.1477
1430.8167	13	L 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+35.07 K(7):+162.16

SDSMDTGAGSIR, MH+ 1224.5530, m/z 612.7801
 L OS G25 P150811 220811-s1.02465.02465.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

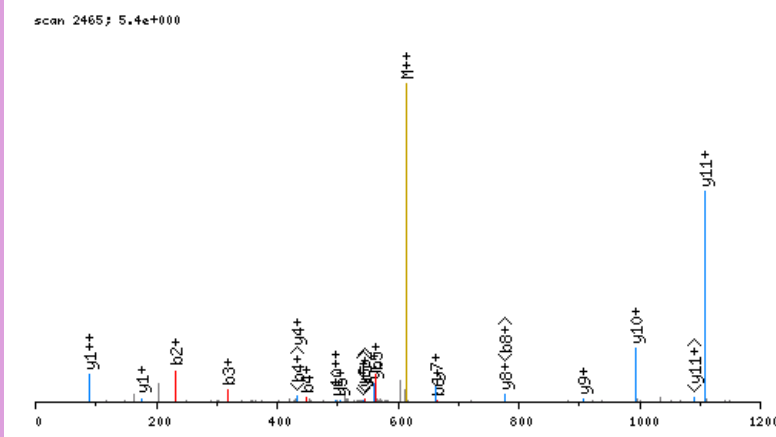
y + 2+ 3+

z + 2+ 3+

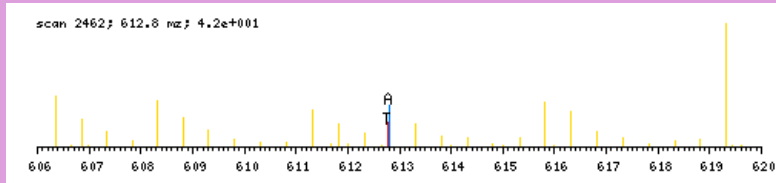
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 12		
231.0981	2	D 11	1109.4897	555.2488
318.1301	3	S 10	994.4628	497.7353
449.1706	4	M 9	907.4307	454.2193
564.1975	5	D 8	776.3903	388.6990
665.2452	6	T 7	661.3633	331.1856
722.2667	7	G 6	560.3156	280.6617
793.3038	8	A 5	503.2942	252.1510
850.3252	9	G 4	432.2571	216.6324
937.3573	10	S 3	375.2356	188.1217
1050.4413	11	I 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+29.04

SDSQVHSGVQVEAQR, MH+ 1654.8149, m/z 552.2765
 L OS G27 P150811 220811-s1.02135.02135.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

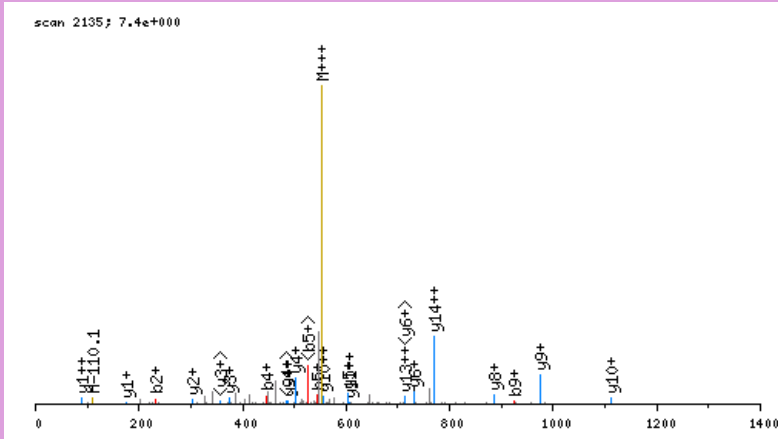
y + 2+ 3+

z + 2+ 3+

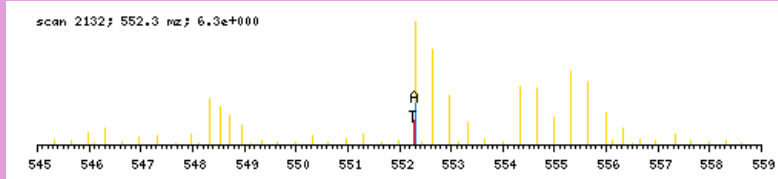
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



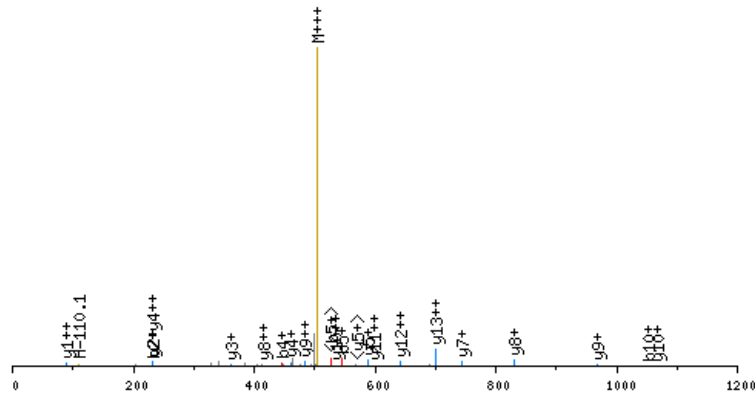
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 15		
231.0981	2	D 14	1539.7516	770.3797
318.1301	3	S 13	1424.7246	712.8662
446.1887	4	Q 12	1337.6926	669.3502
545.2571	5	V 11	1209.6340	605.3209
682.3160	6	H 10	1110.5656	555.7867
769.3480	7	S 9	973.5067	487.2573
826.3695	8	G 8	886.4747	443.7412
925.4379	9	V 7	829.4532	415.2305
1053.4965	10	Q 6	730.3848	365.6963
1152.5649	11	V 5	602.3262	301.6670
1281.6075	12	E 4	503.2578	252.1328
1352.6446	13	A 3	374.2152	187.6115
1480.7032	14	Q 2	303.1781	152.0930
	15	R 1	175.1195	88.0637

N-term:+29.04

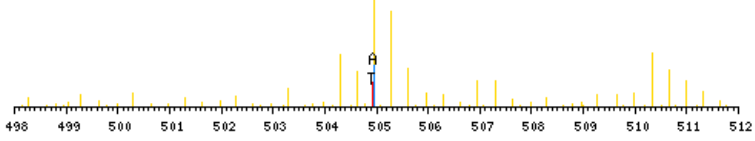
SDSQVHSGVQVEGR, MH+ 1512.7406, m/z 504.9184
 L OS G27 P150811 220811-s1.02025.02025.3.dta

scan 2025; 2.8e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2022; 504.9 m/z; 1.7e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 14		
231.0981	2	D 13	1397.6773	699.3426
318.1301	3	S 12	1282.6504	641.8291
446.1887	4	Q 11	1195.6184	598.3131
545.2571	5	V 10	1067.5598	534.2838
682.3160	6	H 9	968.4914	484.7496
769.3480	7	S 8	831.4325	416.2201
826.3695	8	G 7	744.4004	372.7041
925.4379	9	V 6	687.3790	344.1934
1053.4965	10	Q 5	588.3105	294.6592
1152.5649	11	V 4	460.2520	230.6299
1281.6075	12	E 3	361.1836	181.0957
1338.6290	13	G 2	232.1410	116.5744
	14	R 1	175.1195	88.0637

N-term:+29.04

SDSSDSMDTGAGSIR, MH+ 1513.6440, m/z 505.2195
 L OS G25 P150811 220811-s1.02641.02641.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

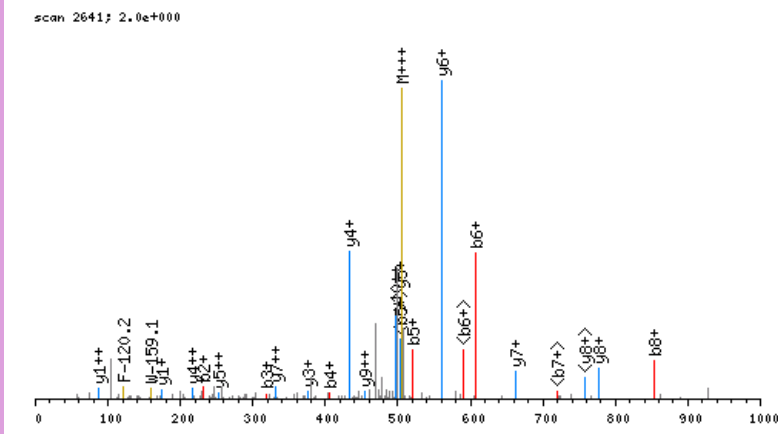
y + 2+ 3+

z + 2+ 3+

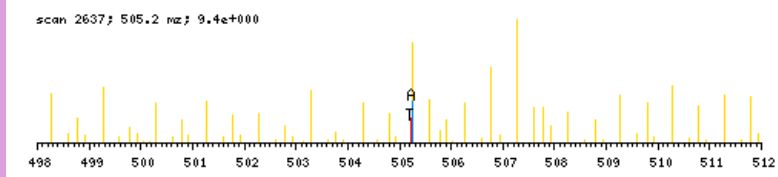
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S	15	
231.0981	2	D	14	1398.5807
318.1301	3	S	13	1283.5538
405.1621	4	S	12	1196.5217
520.1891	5	D	11	1109.4897
607.2211	6	S	10	994.4628
738.2616	7	M	9	907.4307
853.2885	8	D	8	776.3903
954.3362	9	T	7	661.3633
1011.3577	10	G	6	560.3156
1082.3948	11	A	5	503.2942
1139.4162	12	G	4	432.2571
1226.4483	13	S	3	375.2356
1339.5323	14	I	2	288.2036
	15	R	1	175.1195

N-term:+29.04

SDTAITKDMFEEALR, MH+ 1782.8948, m/z 594.9698
 L OS G26 P150811 220811-s1.07505.07505.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

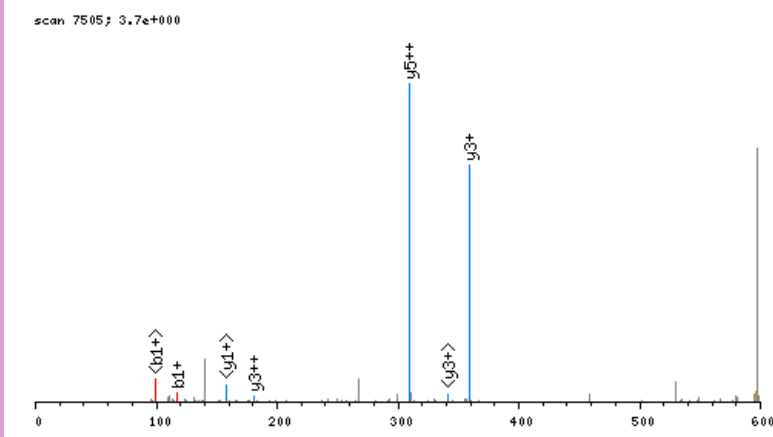
y + 2+ 3+

z + 2+ 3+

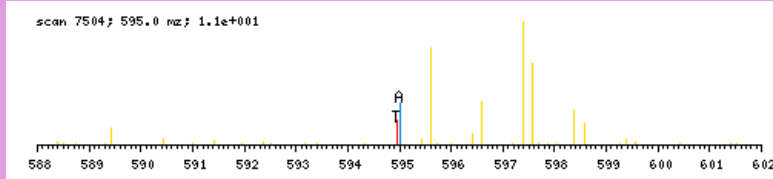
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 15		
231.0981	2	D 14	1667.8315	834.4197
332.1458	3	T 13	1552.8045	776.9062
403.1829	4	A 12	1451.7569	726.3823
516.2669	5	I 11	1380.7197	690.8638
617.3146	6	T 10	1267.6357	634.3218
773.4409	7	K 9	1166.5880	583.7979
888.4678	8	D 8	1010.4617	505.7348
1019.5083	9	M 7	895.4348	448.2213
1166.5767	10	F 6	764.3943	382.7011
1295.6193	11	E 5	617.3259	309.1668
1424.6619	12	E 4	488.2833	244.6455
1495.6990	13	A 3	359.2407	180.1243
1608.7831	14	L 2	288.2036	144.6057
	15	R 1	175.1195	88.0637

N-term:+29.04 K(7):+156.13

SDVLELTDENFESR, MH+ 1681.7921, m/z 841.3997
 L OS G25 P150811 220811-s1.07023.07023.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

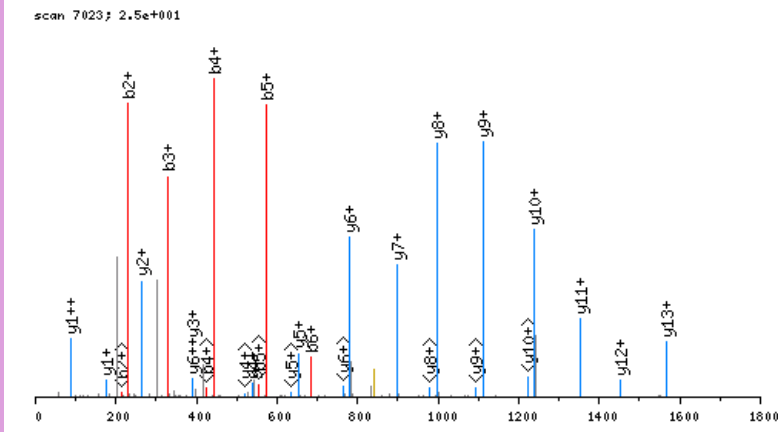
y + 2+ 3+

z + 2+ 3+

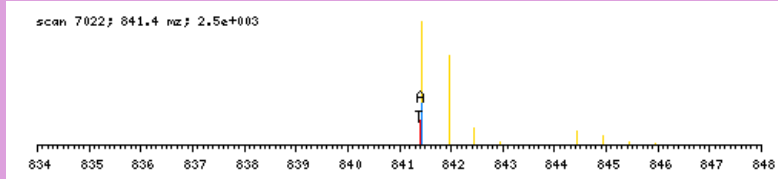
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 14		
231.0981	2	D 13	1566.7288	783.8683
330.1665	3	V 12	1451.7018	726.3548
443.2505	4	L 11	1352.6334	676.8206
572.2931	5	E 10	1239.5493	620.2786
685.3772	6	L 9	1110.5067	555.7573
786.4249	7	T 8	997.4227	499.2153
901.4518	8	D 7	896.3750	448.6914
1030.4944	9	E 6	781.3481	391.1779
1144.5373	10	N 5	652.3055	326.6566
1291.6058	11	F 4	538.2625	269.6352
1420.6484	12	E 3	391.1941	196.1010
1507.6804	13	S 2	262.1515	131.5797
	14	R 1	175.1195	88.0637

N-term:+29.04

SEAAQYNPEPPPPR, MH+ 1651.8080, m/z 551.2742
 L OS G25 P150811 220811-s1.02926.02926.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

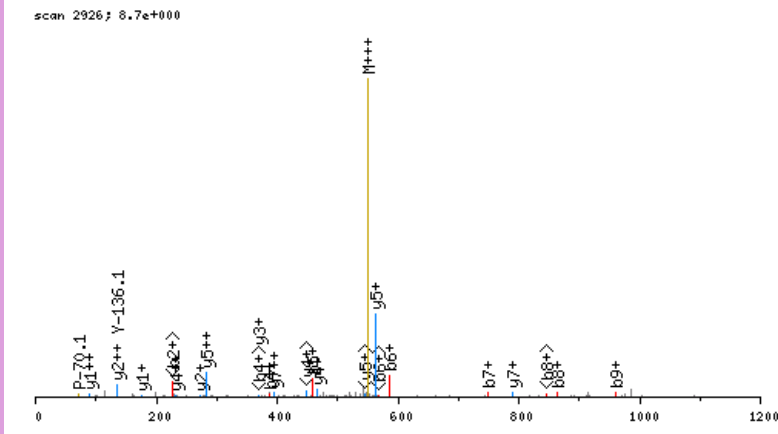
y + 2+ 3+

z + 2+ 3+

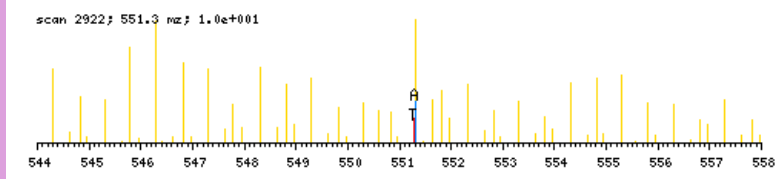
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 15		
245.1137	2	E 14	1536.7447	768.8763
316.1508	3	A 13	1407.7021	704.3550
387.1879	4	A 12	1336.6650	668.8364
458.2251	5	A 11	1265.6279	633.3178
586.2836	6	Q 10	1194.5907	597.7993
749.3470	7	Y 9	1066.5322	533.7700
863.3899	8	N 8	903.4688	452.2383
960.4427	9	P 7	789.4259	395.2169
1089.4853	10	E 6	692.3731	346.6905
1186.5380	11	P 5	563.3306	282.1692
1283.5908	12	P 4	466.2778	233.6428
1380.6435	13	P 3	369.2250	185.1164
1477.6963	14	P 2	272.1723	136.5900
	15	R 1	175.1195	88.0637

N-term:+29.04

SEDEVGVEGPKGDGPGQGR, MH+ 1946.0256, m/z 649.3467
 H OS G26 P150811 220811-s1.02498.02498.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

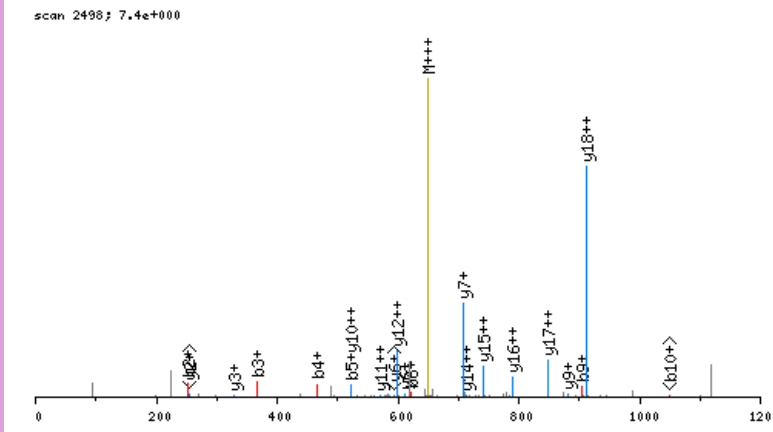
y + 2+ 3+

z + 2+ 3+

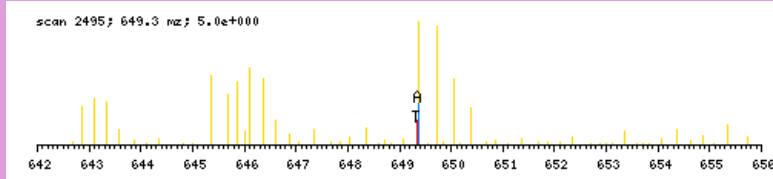
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



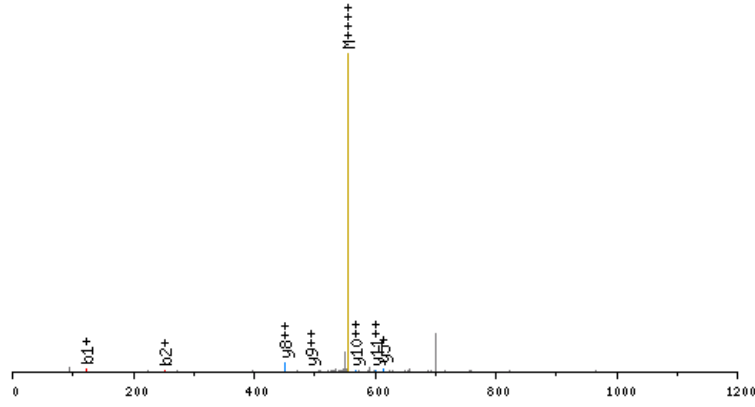
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S	19	
251.1455	2	E	18	1824.9305
366.1725	3	D	17	1695.8879
465.2409	4	V	16	1580.8609
522.2623	5	G	15	1481.7925
621.3308	6	V	14	1424.7710
750.3733	7	E	13	1325.7026
807.3948	8	G	12	1196.6600
904.4476	9	P	11	1139.6386
1066.6057	10	K	10	1042.5858
1123.6271	11	G	9	880.4277
1238.6541	12	D	8	823.4062
1335.7068	13	P	7	708.3793
1392.7283	14	G	6	611.3265
1489.7811	15	P	5	554.3051
1617.8397	16	Q	4	457.2523
1674.8611	17	G	3	329.1937
1771.9139	18	P	2	272.1723
	19	R	1	175.1195

N-term:+35.07 K(10):+162.16

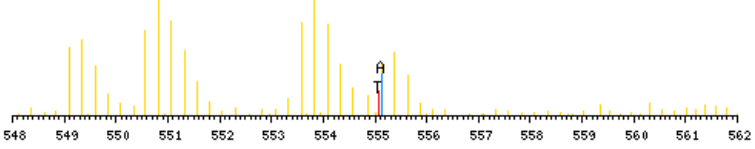
SEETKQNEAFSLTAKGKR, MH+ 2217.3152, m/z 555.0843
 H OS G28 P150811 220811-s1.02774.02774.4.dta

scan 2774; 1.6e+001



click image to zoom in; click top corners to zoom out [precursor±]

scan 2773; 555.1 m/z; 3.5e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

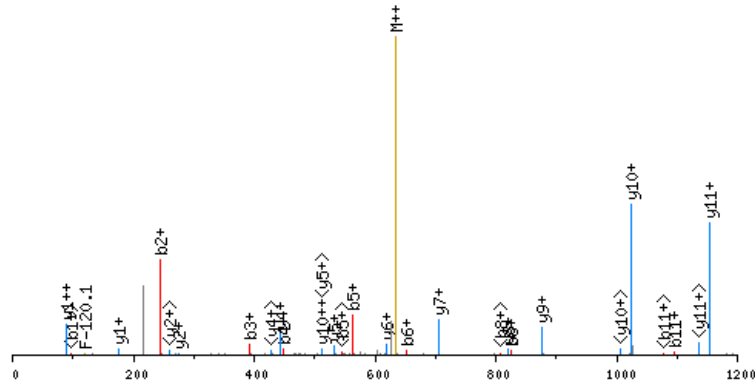
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
122.1029	1	S	19		
251.1455	2	E	18	2096.2201	1048.6140
380.1881	3	E	17	1967.1775	984.0927
481.2358	4	T	16	1838.1349	919.5714
643.3939	5	K	15	1737.0872	869.0475
771.4525	6	Q	14	1574.9291	787.9685
885.4954	7	N	13	1446.8706	723.9392
1014.5380	8	E	12	1332.8276	666.9177
1085.5751	9	A	11	1203.7850	602.3964
1232.6435	10	F	10	1132.7479	566.8779
1319.6755	11	S	9	985.6795	493.3437
1432.7596	12	L	8	898.6475	449.8277
1533.8073	13	T	7	785.5634	393.2856
1604.8444	14	A	6	684.5157	342.7618
1767.0025	15	K	5	613.4786	307.2432
1824.0240	16	G	4	451.3205	226.1642
1986.1821	17	K	3	394.2991	197.6534
2043.2035	18	G	2	232.1410	116.5744
	19	R	1	175.1195	88.0637

N-term:+35.07 K(5):+162.16
 K(15):+162.16 K(17):+162.16

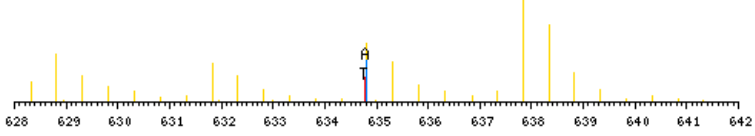
SEFGDSSSPATR, MH+ 1268.5759, m/z 634.7916
 L OS G25 P150811 220811-s1.02260.02260.2.dta

scan 2260; 4.8e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2257; 634.8 m/z; 2.0e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	12		
245.1137	2	E	11	1153.5126	577.2602
392.1821	3	F	10	1024.4700	512.7389
449.2036	4	G	9	877.4015	439.2047
564.2305	5	D	8	820.3801	410.6940
651.2626	6	S	7	705.3531	353.1805
738.2946	7	S	6	618.3211	309.6645
825.3266	8	S	5	531.2891	266.1485
922.3794	9	P	4	444.2571	222.6324
993.4165	10	A	3	347.2043	174.1061
1094.4642	11	T	2	276.1672	138.5875
	12	R	1	175.1195	88.0637

N-term:+29.04

SEGHSDFSEGGAVGAHR, MH+ 1798.8108, m/z 450.4582
 L OS G28 P150811 220811-s1.02224.02224.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

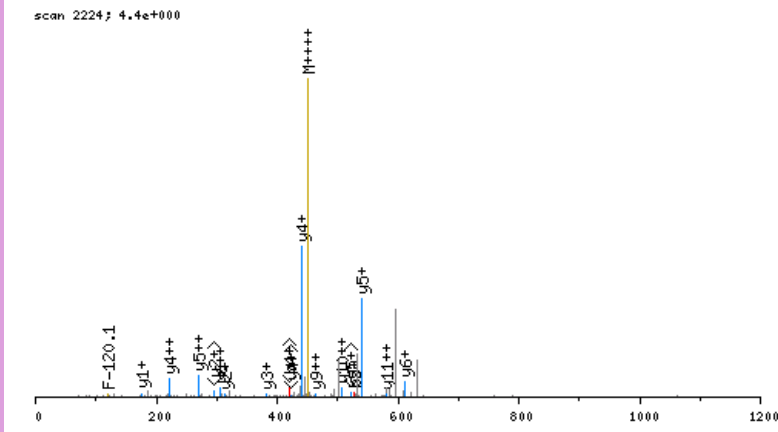
y + 2+ 3+

z + 2+ 3+

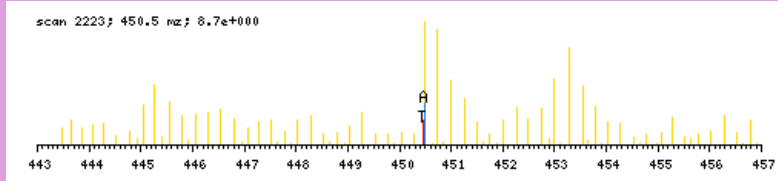
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 17		
245.1137	2	E 16	1683.7475	842.3777
302.1352	3	G 15	1554.7049	777.8564
439.1941	4	H 14	1497.6835	749.3457
526.2261	5	S 13	1360.6246	680.8162
641.2531	6	D 12	1273.5925	637.3002
788.3215	7	F 11	1158.5656	579.7867
875.3535	8	S 10	1011.4972	506.2525
1004.3961	9	E 9	924.4652	462.7365
1061.4176	10	G 8	795.4226	398.2152
1189.4761	11	Q 7	738.4011	369.7045
1260.5133	12	A 6	610.3425	305.6752
1359.5817	13	V 5	539.3054	270.1566
1416.6031	14	G 4	440.2370	220.6224
1487.6403	15	A 3	383.2155	192.1117
1624.6992	16	H 2	312.1784	156.5931
	17	R 1	175.1195	88.0637

N-term:+29.04

SEHVTKCCSGSLVER, MH+ 1816.9321, m/z 454.9885
 H OS G28 P150811 220811-s1.02004.02004.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

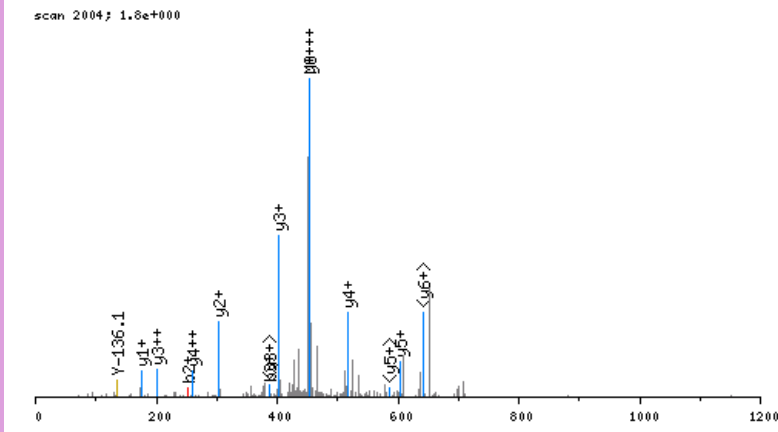
y + 2+ 3+

z + 2+ 3+

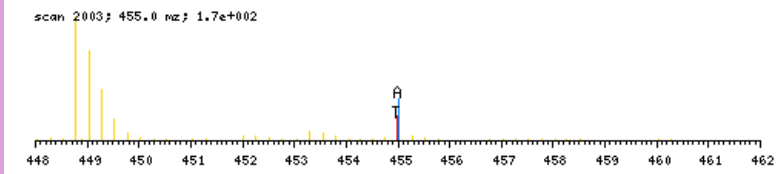
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
122.1029	1	S	15		
251.1455	2	E	14	1695.8370	848.4224
388.2044	3	H	13	1566.7944	783.9011
487.2728	4	V	12	1429.7355	715.3717
588.3205	5	T	11	1330.6671	665.8374
750.4786	6	K	10	1229.6194	615.3136
910.5092	7	C	9	1067.4613	534.2346
1070.5398	8	C	8	907.4307	454.2193
1157.5719	9	S	7	747.4001	374.2040
1214.5933	10	G	6	660.3681	330.6879
1301.6253	11	S	5	603.3466	302.1772
1414.7094	12	L	4	516.3146	258.6612
1513.7778	13	V	3	403.2305	202.1192
1642.8204	14	E	2	304.1621	152.5850
	15	R	1	175.1195	88.0637

N-term:+35.07 K(6):+162.16
 C(7):+160.03 C(8):+160.03

X-range:

0 - 0

MassTol: Y-zoom:

0. 1.

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

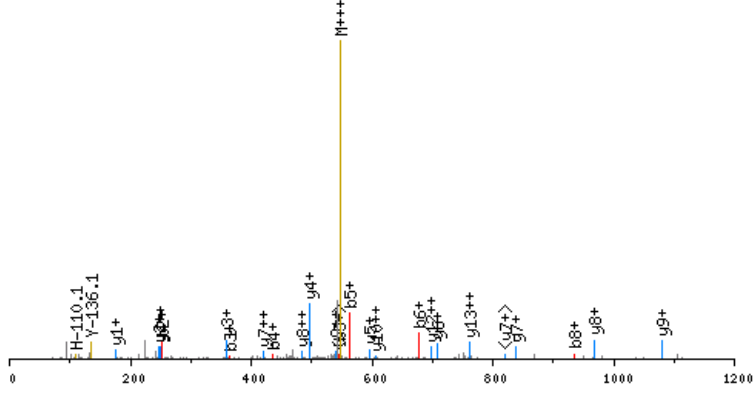
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

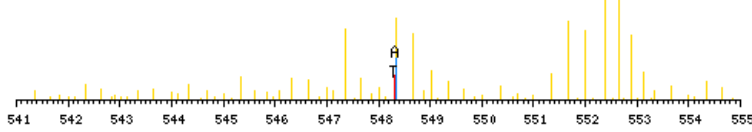
scan 6265; 4.1e+000



click image to zoom in; click top corners to zoom out

[precursor±]

scan 6262; 548.3 m/z; 7.7e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 14		
251.1455	2	E 13	1521.8025	761.4052
364.2296	3	L 12	1392.7599	696.8839
435.2667	4	A 11	1279.6759	640.3418
563.3253	5	Q 10	1208.6388	604.8233
676.4093	6	L 9	1080.5802	540.7940
805.4519	7	E 8	967.4961	484.2520
934.4945	8	E 7	838.4535	419.7307
1048.5375	9	N 6	709.4109	355.2094
1147.6059	10	V 5	595.3680	298.1879
1284.6648	11	H 4	496.2996	248.6537
1397.7488	12	L 3	359.2407	180.1243
1468.7860	13	A 2	246.1566	123.5822
	14	R 1	175.1195	88.0637

N-term:+35.07

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

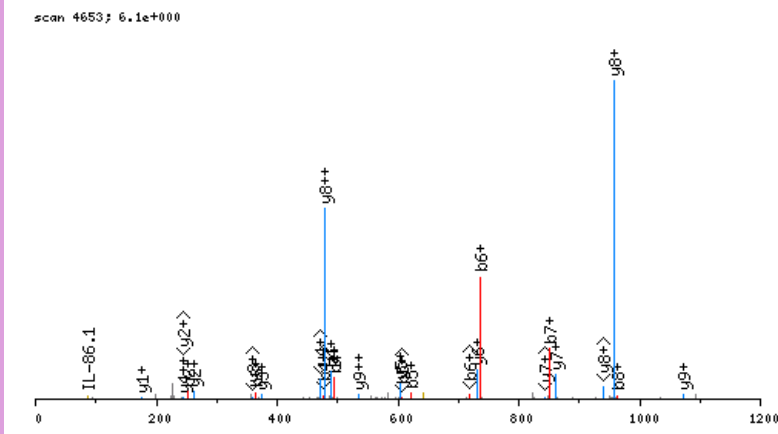
y + 2+ 3+

z + 2+ 3+

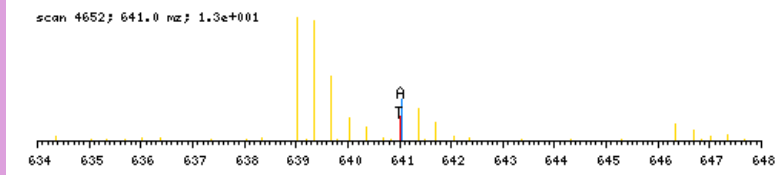
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



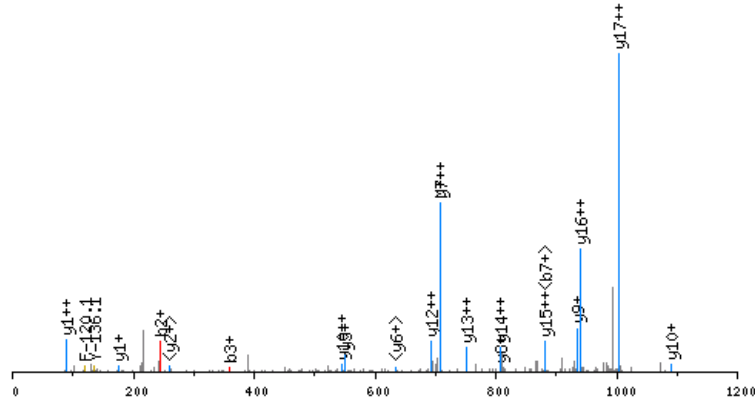
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 16		
251.1455	2	E 15	1799.8915	900.4496
364.2296	3	L 14	1670.8489	835.9283
493.2722	4	E 13	1557.7648	779.3863
622.3148	5	E 12	1428.7222	714.8650
737.3417	6	D 11	1299.6796	650.3437
850.4258	7	I 10	1184.6527	592.8303
963.5098	8	I 9	1071.5686	536.2882
1060.5626	9	P 8	958.4846	479.7462
1189.6052	10	E 7	861.4318	431.2198
1318.6478	11	E 6	732.3892	366.6985
1433.6747	12	D 5	603.3466	302.1772
1546.7588	13	I 4	488.3197	244.6637
1659.8429	14	I 3	375.2356	188.1217
1746.8749	15	S 2	262.1515	131.5797
	16	R 1	175.1195	88.0637

N-term:+35.07

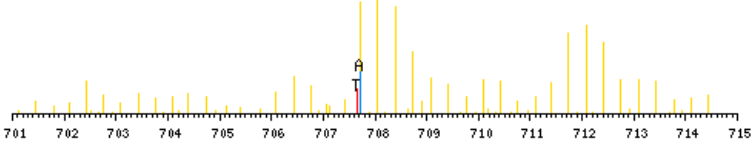
SENFDDYMKEVGVGFATR, MH+ 2120.9963, m/z 707.6703
 L OS G26 P150811 220811-s1.06738.06738.3.dta

scan 6738; 2.9e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6735; 707.7 mz; 6.5e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

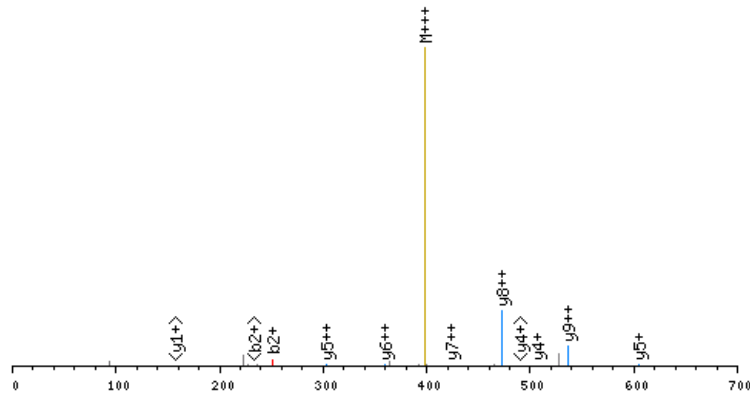
GO

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 18		
245.1137	2	E 17	2005.9330	1003.4704
359.1566	3	N 16	1876.8904	938.9491
506.2251	4	F 15	1762.8475	881.9276
621.2520	5	D 14	1615.7791	808.3934
736.2789	6	D 13	1500.7521	750.8800
899.3423	7	Y 12	1385.7252	693.3665
1030.3828	8	M 11	1222.6618	611.8348
1186.5091	9	K 10	1091.6214	546.3146
1315.5517	10	E 9	935.4951	468.2514
1414.6201	11	V 8	806.4525	403.7301
1471.6415	12	G 7	707.3840	354.1959
1570.7099	13	V 6	650.3626	325.6852
1627.7314	14	G 5	551.2942	276.1510
1774.7998	15	F 4	494.2727	247.6403
1845.8369	16	A 3	347.2043	174.1061
1946.8846	17	T 2	276.1672	138.5875
	18	R 1	175.1195	88.0637

N-term:+29.04 K(9):+156.13

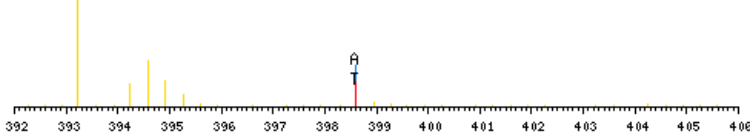
SEPEIPIKGIK, MH+ 1193.7530, m/z 398.5892
 H OS G27 P150811 220811-s1.03539.03539.3.dta

scan 3539; 2.1e+001



click image to zoom in; click top corners to zoom out [precursor±]

scan 3537; 398.6 m/z; 1.7e+002



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 10		
251.1455	2	E 9	1072.6579	536.8329
348.1983	3	P 8	943.6153	472.3116
477.2409	4	E 7	846.5625	423.7852
590.3249	5	I 6	717.5200	359.2639
687.3777	6	P 5	604.4359	302.7219
849.5358	7	K 4	507.3831	254.1955
906.5573	8	G 3	345.2250	173.1164
1019.6413	9	I 2	288.2036	144.6057
	10	R 1	175.1195	88.0637

N-term:+35.07 K(7):+162.16

SEPIMPEPGRDETVR, MH+ 1740.8590, m/z 580.9579
 L OS G26 P150811 220811-s1.03137.03137.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

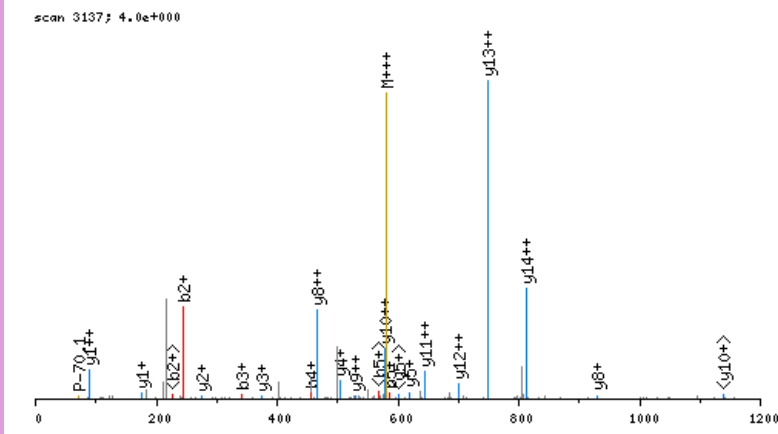
y + 2+ 3+

z + 2+ 3+

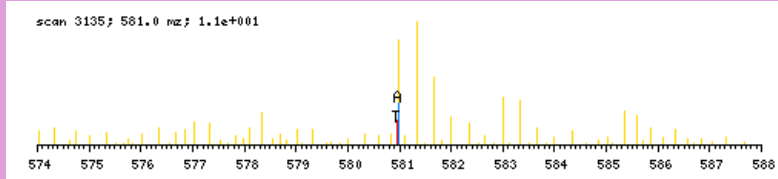
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 15		
245.1137	2	E 14	1625.7957	813.4018
342.1665	3	P 13	1496.7531	748.8805
455.2505	4	I 12	1399.7004	700.3541
586.2910	5	M 11	1286.6163	643.8121
683.3438	6	P 10	1155.5758	578.2918
812.3864	7	E 9	1058.5231	529.7654
909.4392	8	P 8	929.4805	465.2441
966.4606	9	G 7	832.4277	416.7178
1122.5617	10	R 6	775.4062	388.2070
1237.5887	11	D 5	619.3051	310.1565
1366.6313	12	E 4	504.2782	252.6430
1467.6789	13	T 3	375.2356	188.1217
1566.7474	14	V 2	274.1879	137.5979
	15	R 1	175.1195	88.0637

N-term:+29.04

SEPQEVHLHIGSAHNR, MH+ 1701.8672, m/z 426.2223
 L OS G28 P150811 220811-s1.03737.03737.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

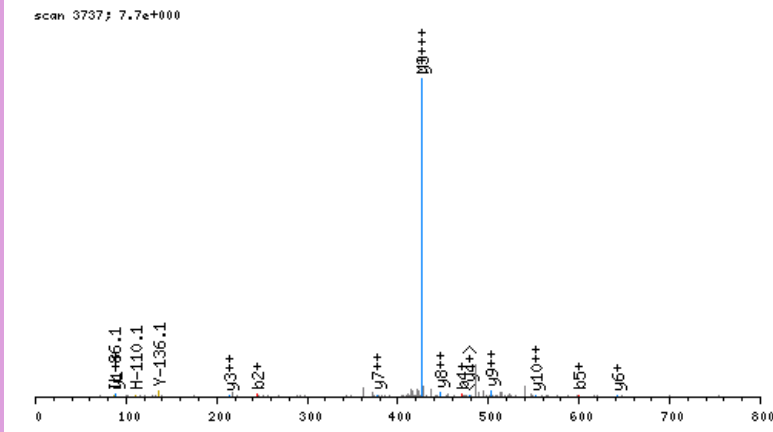
y + 2+ 3+

z + 2+ 3+

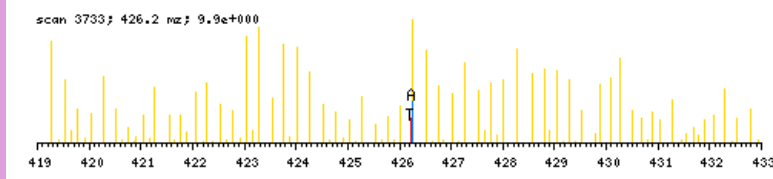
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 15		
245.1137	2	E 14	1586.8039	793.9059
342.1665	3	P 13	1457.7613	729.3846
470.2251	4	Q 12	1360.7086	680.8582
599.2677	5	E 11	1232.6500	616.8289
698.3361	6	V 10	1103.6074	552.3076
811.4201	7	L 9	1004.5390	502.7734
948.4790	8	H 8	891.4549	446.2314
1061.5631	9	I 7	754.3960	377.7019
1118.5846	10	G 6	641.3119	321.1599
1205.6166	11	S 5	584.2905	292.6492
1276.6537	12	A 4	497.2585	249.1331
1413.7126	13	H 3	426.2213	213.6146
1527.7556	14	N 2	289.1624	145.0851
	15	R 1	175.1195	88.0637

N-term:+29.04

SEPSAVTPTVPTTLLIAPR, MH+ 1962.0911, m/z 654.7019
 L OS G24 P150811 220811-s1.04219.04219.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

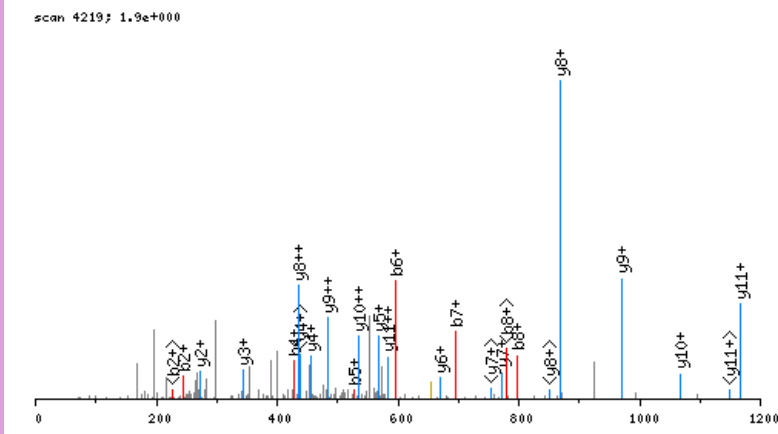
y + 2+ 3+

z + 2+ 3+

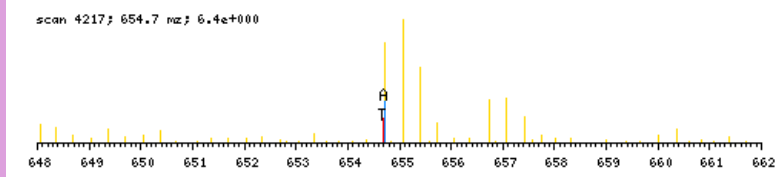
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



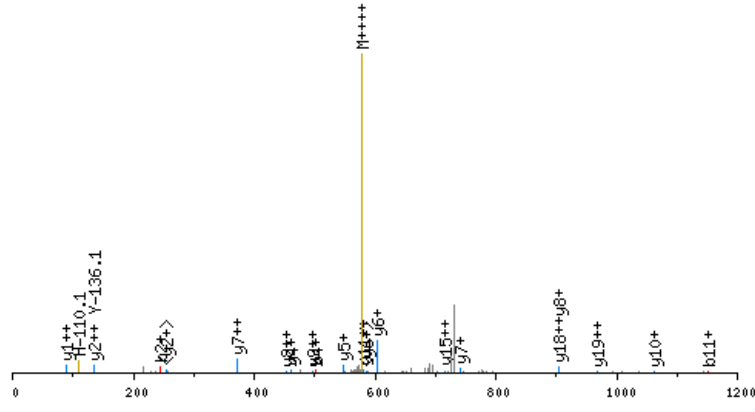
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 19		
245.1137	2	E 18	1847.0278	924.0178
342.1665	3	P 17	1717.9852	859.4965
429.1985	4	S 16	1620.9325	810.9702
526.2513	5	P 15	1533.9005	767.4541
597.2884	6	A 14	1436.8477	718.9278
696.3568	7	V 13	1365.8106	683.4092
797.4045	8	T 12	1266.7422	633.8750
894.4572	9	P 11	1165.6945	583.3512
993.5257	10	V 10	1068.6417	534.8248
1094.5733	11	T 9	969.5733	485.2906
1191.6261	12	P 8	868.5256	434.7667
1292.6738	13	T 7	771.4729	386.2403
1393.7215	14	T 6	670.4252	335.7165
1506.8055	15	L 5	569.3775	285.1927
1619.8896	16	I 4	456.2934	228.6506
1690.9267	17	A 3	343.2094	172.1086
1787.9795	18	P 2	272.1723	136.5900
	19	R 1	175.1195	88.0637

N-term:+29.04

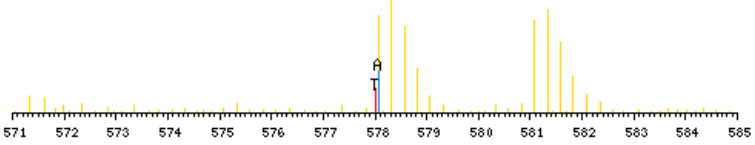
SEQEYKAGGSPASYHGSTSPR, MH+ 2309.0798, m/z 578.0254
 L OS G28 P150811 220811-s1.02244.02244.4.dta

scan 2244; 1.1e+001



click image to zoom in; click top corners to zoom out [precursor±]

scan 2243; 578.0 mz; 1.5e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	22		
245.1137	2	E	21	2194.0165	1097.5122
373.1723	3	Q	20	2064.9739	1032.9909
502.2149	4	E	19	1936.9154	968.9616
665.2782	5	Y	18	1807.8728	904.4403
722.2997	6	G	17	1644.8094	822.9086
878.4260	7	K	16	1587.7880	794.3979
949.4631	8	A	15	1431.6617	716.3348
1006.4846	9	G	14	1360.6246	680.8162
1063.5060	10	G	13	1303.6031	652.3055
1150.5381	11	S	12	1246.5816	623.7947
1247.5908	12	P	11	1159.5496	580.2787
1318.6279	13	A	10	1062.4968	531.7523
1405.6600	14	S	9	991.4597	496.2338
1568.7233	15	Y	8	904.4277	452.7178
1705.7822	16	H	7	741.3644	371.1861
1762.8037	17	G	6	604.3055	302.6566
1849.8357	18	S	5	547.2840	274.1459
1950.8834	19	T	4	460.2520	230.6299
2037.9154	20	S	3	359.2043	180.1061
2134.9682	21	P	2	272.1723	136.5900
	22	R	1	175.1195	88.0637

N-term:+29.04 K(7):+156.13

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

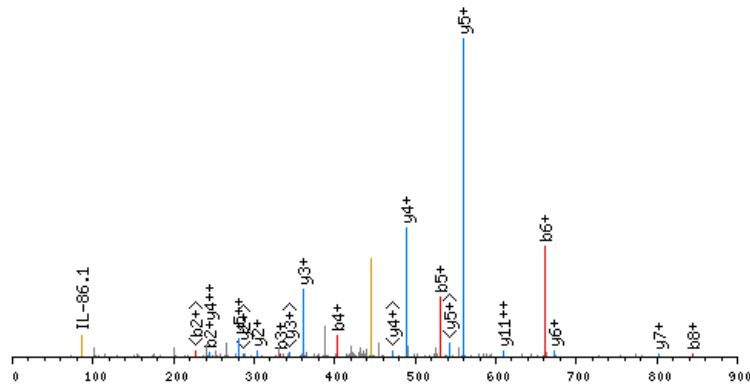
hide H₂O/NH₃

zoom 112-122

GO

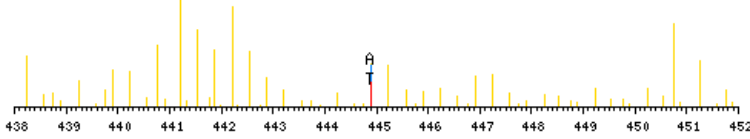
SESAQELAEGQR, MH+ 1332.6395, m/z 444.8847
 L OS G25 P150811 220811-s1.02479.02479.3.dta

scan 2479; 3.1e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2477; 444.9 m/z; 2.4e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 12		
245.1137	2	E 11	1217.5762	609.2920
332.1458	3	S 10	1088.5336	544.7707
403.1829	4	A 9	1001.5016	501.2547
531.2414	5	Q 8	930.4645	465.7362
660.2840	6	E 7	802.4059	401.7069
773.3681	7	L 6	673.3633	337.1856
844.4052	8	A 5	560.2792	280.6435
973.4478	9	E 4	489.2421	245.1250
1030.4693	10	G 3	360.1995	180.6037
1158.5278	11	Q 2	303.1781	152.0930
	12	R 1	175.1195	88.0637

N-term:+29.04

SESPYEDFLSADSKVLGR, MH+ 2056.0239, m/z 686.0128
 L OS G26 P150811 220811-s1.06527.06527.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

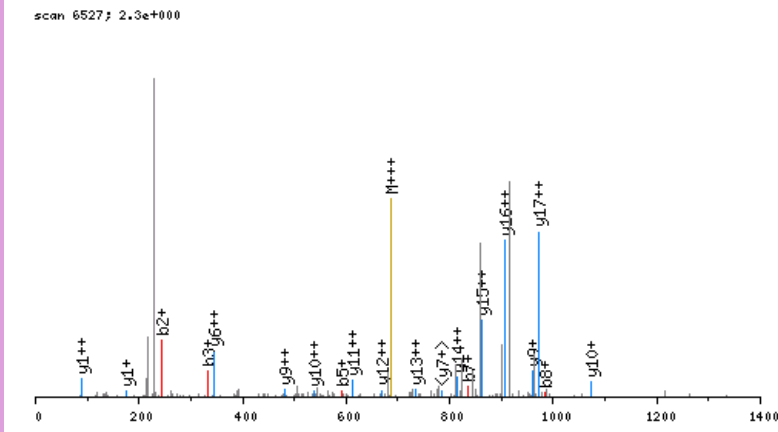
y + 2+ 3+

z + 2+ 3+

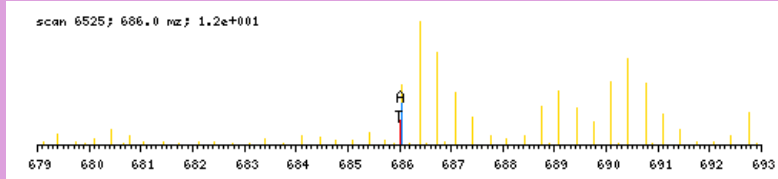
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



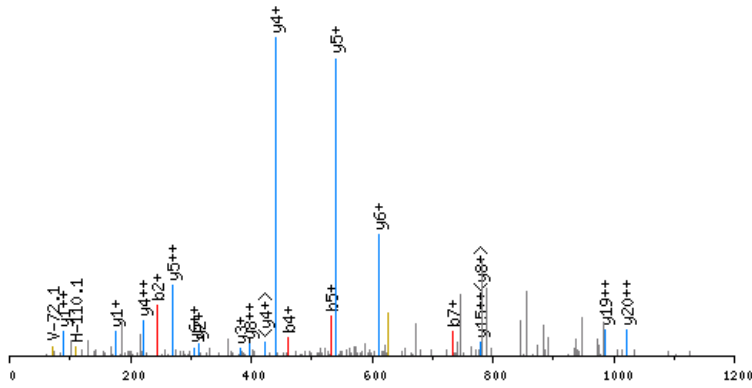
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 18		
245.1137	2	E 17	1940.9606	970.9842
332.1458	3	S 16	1811.9180	906.4629
429.1985	4	P 15	1724.8860	862.9469
592.2618	5	Y 14	1627.8332	814.4205
721.3044	6	E 13	1464.7699	732.8888
836.3314	7	D 12	1335.7273	668.3676
983.3998	8	F 11	1220.7003	610.8541
1096.4839	9	L 10	1073.6319	537.3199
1183.5159	10	S 9	960.5479	480.7778
1254.5530	11	A 8	873.5158	437.2618
1369.5799	12	D 7	802.4787	401.7433
1456.6120	13	S 6	687.4518	344.2298
1612.7383	14	K 5	600.4197	300.7138
1711.8067	15	V 4	444.2934	222.6506
1824.8907	16	L 3	345.2250	173.1164
1881.9122	17	G 2	232.1410	116.5744
	18	R 1	175.1195	88.0637

N-term:+29.04 K(14):+156.13

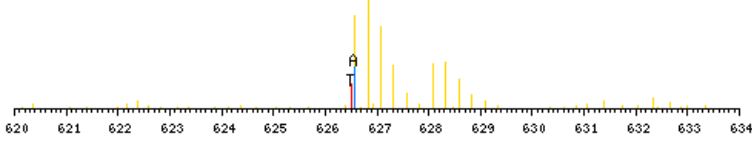
SEQASDSEGHSDSFSEGGAVGAHR, MH+ 2503.0722, m/z 626.5235
 L OS G28 P150811 220811-s1.02646.02646.4.dta

scan 2646; 1.7e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 2643; 626.5 mz; 1.9e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

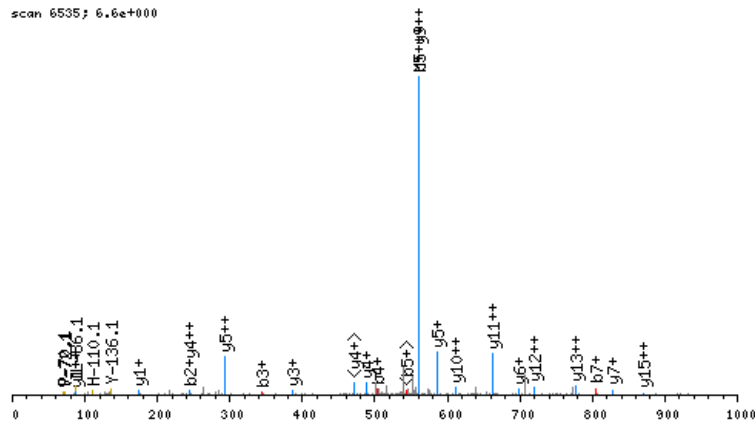
GO

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 24		
245.1137	2	E 23	2388.0088	1194.5083
332.1458	3	S 22	2258.9663	1129.9870
460.2043	4	Q 21	2171.9342	1086.4710
531.2414	5	A 20	2043.8756	1022.4417
618.2735	6	S 19	1972.8385	986.9232
733.3004	7	D 18	1885.8065	943.4072
820.3324	8	S 17	1770.7796	885.8937
949.3750	9	E 16	1683.7475	842.3777
1006.3965	10	G 15	1554.7049	777.8564
1143.4554	11	H 14	1497.6835	749.3457
1230.4874	12	S 13	1360.6246	680.8162
1345.5144	13	D 12	1273.5925	637.3002
1492.5828	14	F 11	1158.5656	579.7867
1579.6148	15	S 10	1011.4972	506.2525
1708.6574	16	E 9	924.4652	462.7365
1765.6789	17	G 8	795.4226	398.2152
1893.7375	18	Q 7	738.4011	369.7045
1964.7746	19	A 6	610.3425	305.6752
2063.8430	20	V 5	539.3054	270.1566
2120.8644	21	G 4	440.2370	220.6224
2191.9016	22	A 3	383.2155	192.1117
2328.9605	23	H 2	312.1784	156.5931
	24	R 1	175.1195	88.0637

N-term:+29.04

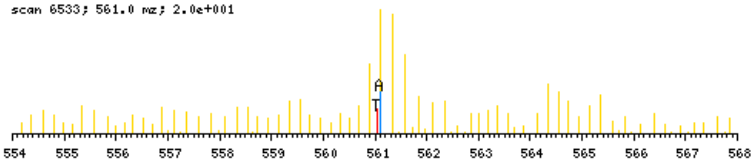
SEVCGQDITTKHMLPTVLR, MH+ 2241.1735, m/z 561.0488
 L OS G28 P150811 220811-s1.06535.06535.4.dta

scan 6535; 6.6e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 6533; 561.0 m/z; 2.0e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	19		
245.1137	2	E	18	2126.1102	1063.5590
344.1821	3	V	17	1997.0676	999.0377
504.2127	4	C	16	1897.9992	949.5035
561.2342	5	G	15	1737.9686	869.4882
689.2928	6	Q	14	1680.9471	840.9775
804.3197	7	D	13	1552.8885	776.9482
917.4038	8	I	12	1437.8616	719.4347
1018.4515	9	T	11	1324.7775	662.8927
1119.4991	10	T	10	1223.7299	612.3688
1275.6254	11	K	9	1122.6822	561.8450
1412.6844	12	H	8	966.5559	483.7819
1543.7248	13	M	7	829.4970	415.2524
1656.8089	14	L	6	698.4565	349.7322
1753.8617	15	P	5	585.3724	293.1901
1854.9093	16	T	4	488.3197	244.6637
1953.9778	17	V	3	387.2720	194.1399
2067.0618	18	L	2	288.2036	144.6057
	19	R	1	175.1195	88.0637

N-term:+29.04 C(4):+160.03
 K(11):+156.13

SEVVLSGDDEDYQR, MH+ 1639.7451, m/z 547.2532
 L OS G25 P150811 220811-s1.03991.03991.3.dta

scan 3991; 2.2e+000

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 3987; 547.3 m/z; 6.4e+000

zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	14		
245.1137	2	E	13	1524.6818	762.8448
344.1821	3	V	12	1395.6392	698.3235
443.2505	4	V	11	1296.5708	648.7893
556.3346	5	L	10	1197.5024	599.2551
643.3666	6	S	9	1084.4183	542.7131
700.3881	7	G	8	997.3863	499.1971
815.4150	8	D	7	940.3648	470.6863
930.4420	9	D	6	825.3379	413.1729
1059.4846	10	E	5	710.3109	355.6594
1174.5115	11	D	4	581.2683	291.1381
1337.5749	12	Y	3	466.2414	233.6246
1465.6334	13	Q	2	303.1781	152.0930
	14	R	1	175.1195	88.0637

N-term:+29.04

SFEDDSAPLSPLKFMQR, MH+ 2107.1170, m/z 703.0439
 H OS G26 P150811 220811-s1.06667.06667.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

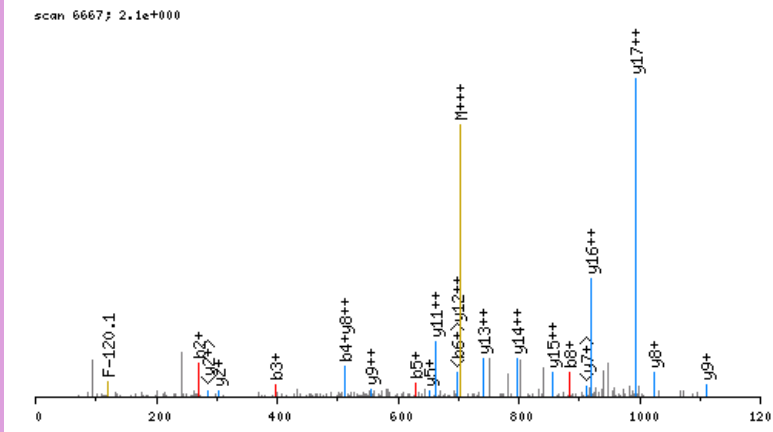
y + 2+ 3+

z + 2+ 3+

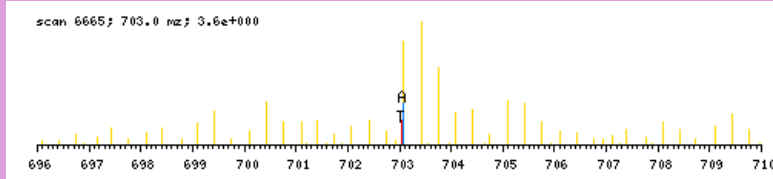
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 18		
269.1713	2	F 17	1986.0219	993.5149
398.2139	3	E 16	1838.9535	919.9807
513.2409	4	D 15	1709.9109	855.4594
628.2678	5	D 14	1594.8840	797.9459
715.2999	6	S 13	1479.8570	740.4324
786.3370	7	A 12	1392.8250	696.9164
883.3897	8	P 11	1321.7879	661.3978
996.4738	9	L 10	1224.7351	612.8715
1083.5058	10	S 9	1111.6510	556.3294
1180.5586	11	P 8	1024.6190	512.8134
1293.6426	12	L 7	927.5663	464.2870
1455.8007	13	K 6	814.4822	407.7450
1602.8692	14	F 5	652.3241	326.6660
1733.9096	15	M 4	505.2557	253.1318
1804.9468	16	A 3	374.2152	187.6115
1933.0053	17	Q 2	303.1781	152.0930
	18	R 1	175.1195	88.0637

N-term:+35.07 K(13):+162.16

SFEVEEIEPPNSTPPR, MH+ 1855.9078, m/z 619.3074
 L OS G24 P150811 220811-s1.03899.03899.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

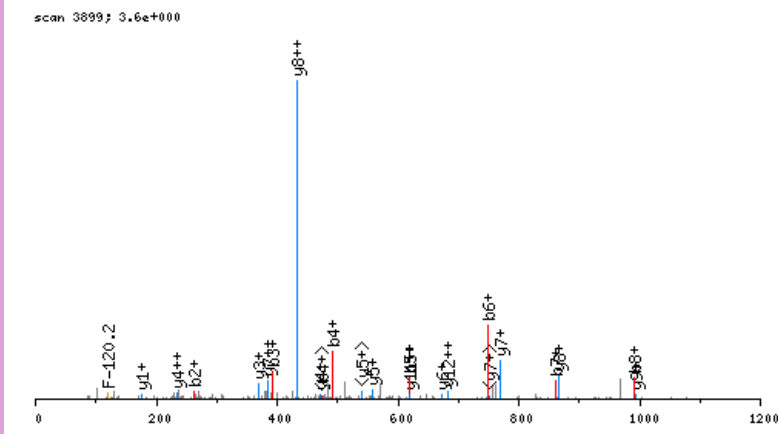
y + 2+ 3+

z + 2+ 3+

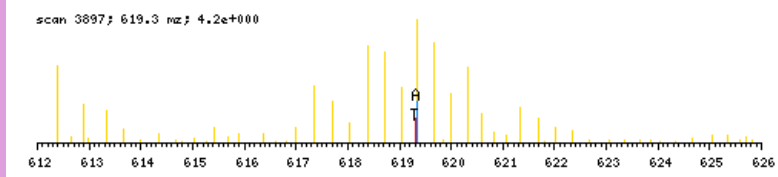
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 16		
263.1395	2	F 15	1740.8445	870.9261
392.1821	3	E 14	1593.7760	797.3919
491.2505	4	V 13	1464.7334	732.8706
620.2931	5	E 12	1365.6650	683.3364
749.3357	6	E 11	1236.6224	618.8151
862.4198	7	I 10	1107.5798	554.2938
991.4624	8	E 9	994.4958	497.7518
1088.5152	9	P 8	865.4532	433.2305
1185.5679	10	P 7	768.4004	384.7041
1299.6108	11	N 6	671.3477	336.1777
1386.6429	12	S 5	557.3047	279.1563
1487.6906	13	T 4	470.2727	235.6403
1584.7433	14	P 3	369.2250	185.1164
1681.7961	15	P 2	272.1723	136.5900
	16	R 1	175.1195	88.0637

N-term:+29.04

SFGPISEVVVVKDR, MH+ 1587.9110, m/z 529.9752
 L OS G26 P150811 220811-s1.05312.05312.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

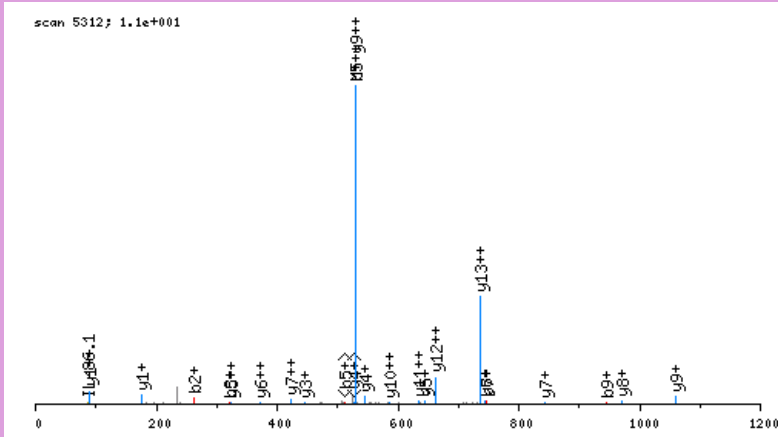
y + 2+ 3+

z + 2+ 3+

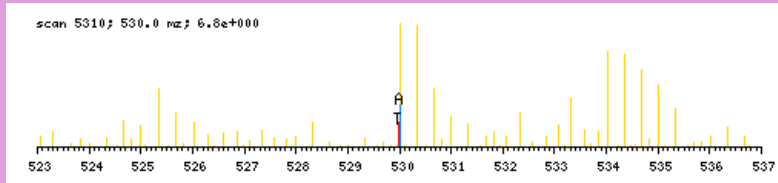
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 14		
263.1395	2	F 13	1472.8477	736.9278
320.1610	3	G 12	1325.7793	663.3936
417.2138	4	P 11	1268.7578	634.8828
530.2978	5	I 10	1171.7051	586.3565
617.3299	6	S 9	1058.6210	529.8144
746.3725	7	E 8	971.5890	486.2984
845.4409	8	V 7	842.5464	421.7771
944.5093	9	V 6	743.4780	372.2429
1043.5777	10	V 5	644.4096	322.7087
1142.6461	11	V 4	545.3412	273.1745
1298.7724	12	K 3	446.2727	223.6403
1413.7994	13	D 2	290.1464	145.5771
	14	R 1	175.1195	88.0637

N-term:+29.04 K(12):+156.13

SFPTLKFFPASADR, MH+ 1639.8848, m/z 547.2998
 L OS G26 P150811 220811-s1.06278.06278.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

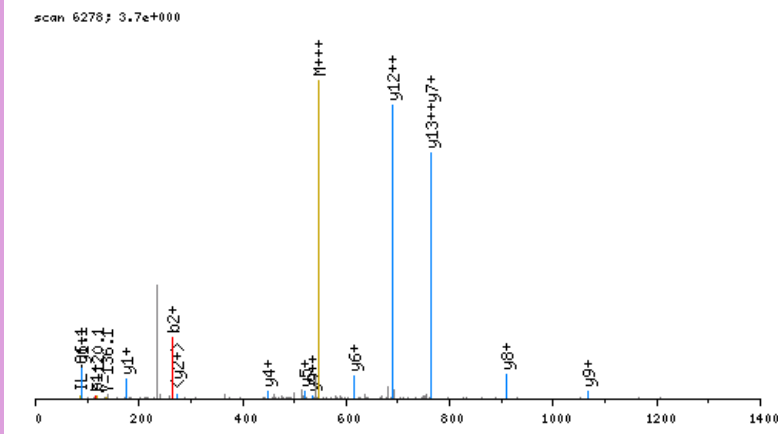
y + 2+ 3+

z + 2+ 3+

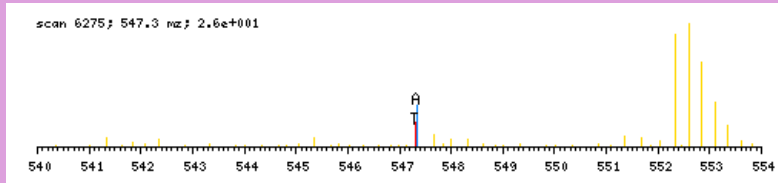
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



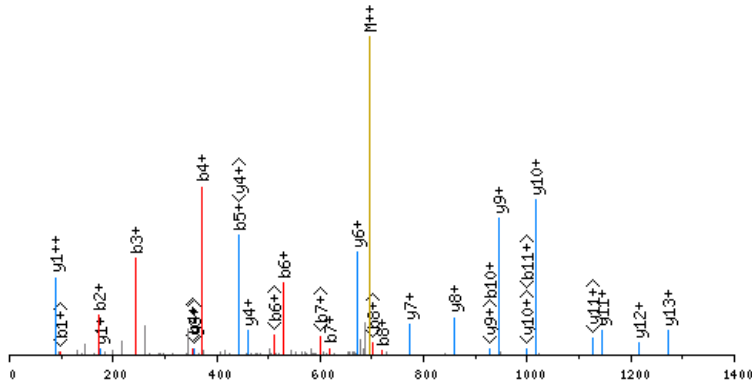
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 14		
263.1395	2	F 13	1524.8215	762.9147
360.1923	3	P 12	1377.7531	689.3805
461.2400	4	T 11	1280.7003	640.8541
574.3240	5	L 10	1179.6527	590.3302
730.4503	6	K 9	1066.5686	533.7882
877.5188	7	F 8	910.4423	455.7251
1024.5872	8	F 7	763.3739	382.1909
1121.6399	9	P 6	616.3055	308.6566
1192.6771	10	A 5	519.2527	260.1303
1279.7091	11	S 4	448.2156	224.6117
1350.7462	12	A 3	361.1836	181.0957
1465.7731	13	D 2	290.1464	145.5771
	14	R 1	175.1195	88.0637

N-term:+29.04 K(6):+156.13

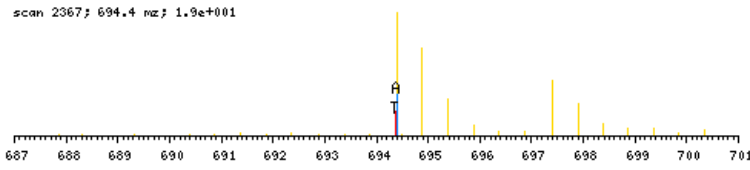
SGAQASSTPLSPTR, MH+ 1387.7181, m/z 694.3627
 L OS G25 P150811 220811-s1.02370.02370.2.dta

scan 2370; 2.6e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2367; 694.4 m/z; 1.9e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

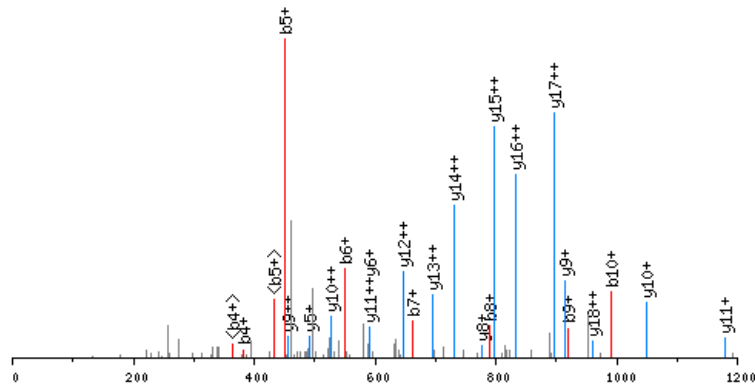
GO

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 14		
173.0926	2	G 13	1272.6548	636.8313
244.1297	3	A 12	1215.6333	608.3206
372.1883	4	Q 11	1144.5962	572.8020
443.2254	5	A 10	1016.5376	508.7727
530.2574	6	S 9	945.5005	473.2542
617.2895	7	S 8	858.4685	429.7382
718.3371	8	T 7	771.4365	386.2222
815.3899	9	P 6	670.3888	335.6983
928.4740	10	L 5	573.3360	287.1719
1015.5060	11	S 4	460.2520	230.6299
1112.5588	12	P 3	373.2199	187.1139
1213.6064	13	T 2	276.1672	138.5875
	14	R 1	175.1195	88.0637

N-term:+29.04

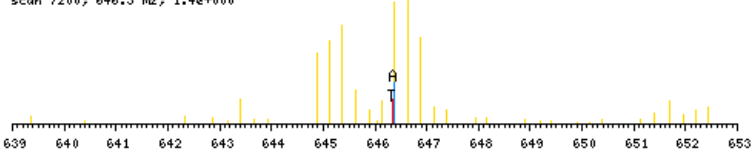
SGDSAPLQEAMAVLQHHDAVSGTAR, MH+ 2582.2845, m/z 646.3266
 H OS G27 P150811 220811-s1.07201.07201.4.dta

scan 7201; 8.5e-001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 7200; 646.3 m/z; 1.4e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

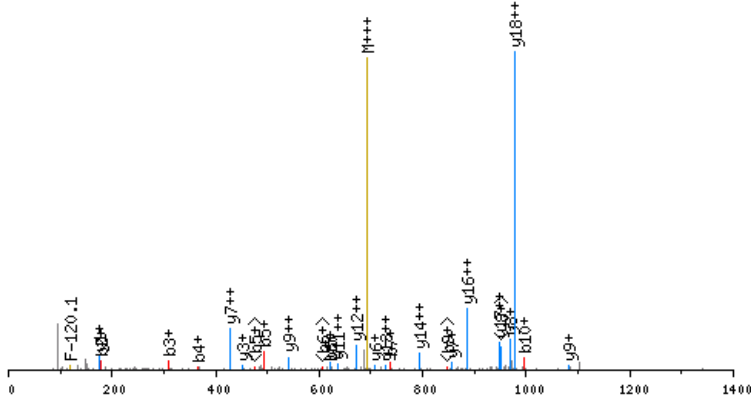
GO

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 25		
179.1244	2	G 24	2461.1894	1231.0986
294.1513	3	D 23	2404.1679	1202.5879
381.1834	4	S 22	2289.1410	1145.0744
452.2205	5	A 21	2202.1090	1101.5584
549.2732	6	P 20	2131.0718	1066.0398
662.3573	7	L 19	2034.0191	1017.5135
790.4159	8	Q 18	1920.9350	960.9714
919.4585	9	E 17	1792.8764	896.9421
990.4956	10	A 16	1663.8338	832.4208
1121.5361	11	M 15	1592.7967	796.9023
1192.5732	12	A 14	1461.7562	731.3820
1291.6416	13	V 13	1390.7191	695.8635
1404.7257	14	L 12	1291.6507	646.3293
1532.7842	15	Q 11	1178.5667	589.7872
1669.8432	16	H 10	1050.5081	525.7580
1806.9021	17	H 9	913.4492	457.2285
1921.9290	18	D 8	776.3903	388.6990
1992.9661	19	A 7	661.3633	331.1856
2092.0345	20	V 6	590.3262	295.6670
2179.0666	21	S 5	491.2578	246.1328
2236.0880	22	G 4	404.2258	202.6168
2337.1357	23	T 3	347.2043	174.1061
2408.1728	24	A 2	246.1566	123.5822
	25	R 1	175.1195	88.0637

N-term:+35.07

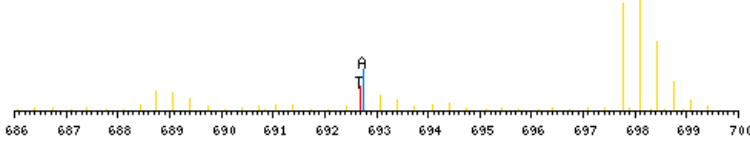
SGEGQEDAGELDFSGLLKR, MH+ 2076.0886, m/z 692.7010
 H OS G26 P150811 220811-s1.06121.06121.3.dta

scan 6121; 3.9e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6120; 692.7 m/z; 3.4e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
122.1029	1	S	19		
179.1244	2	G	18	1954.9934	978.0006
308.1670	3	E	17	1897.9720	949.4899
365.1884	4	G	16	1768.9294	884.9686
493.2470	5	Q	15	1711.9079	856.4579
622.2896	6	E	14	1583.8493	792.4286
737.3166	7	D	13	1454.8068	727.9073
808.3537	8	A	12	1339.7798	670.3938
865.3751	9	G	11	1268.7427	634.8753
994.4177	10	E	10	1211.7212	606.3645
1107.5018	11	L	9	1082.6786	541.8432
1222.5287	12	D	8	969.5946	485.3012
1369.5972	13	F	7	854.5676	427.7877
1456.6292	14	S	6	707.4992	354.2535
1513.6506	15	G	5	620.4672	310.7375
1626.7347	16	L	4	563.4457	282.2268
1739.8188	17	L	3	450.3617	225.6847
1901.9769	18	K	2	337.2776	169.1427
	19	R	1	175.1195	88.0637

N-term:+35.07 K(18);+162.16

SGEHMDLTTTCPLAAGGQEKLR, MH+ 2455.2073, m/z 614.5573
 L OS G28 P150811 220811-s1.05465.05465.4.dta

X-range:

0 - 0

MassTol: Y-zoom:

0. 1.

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

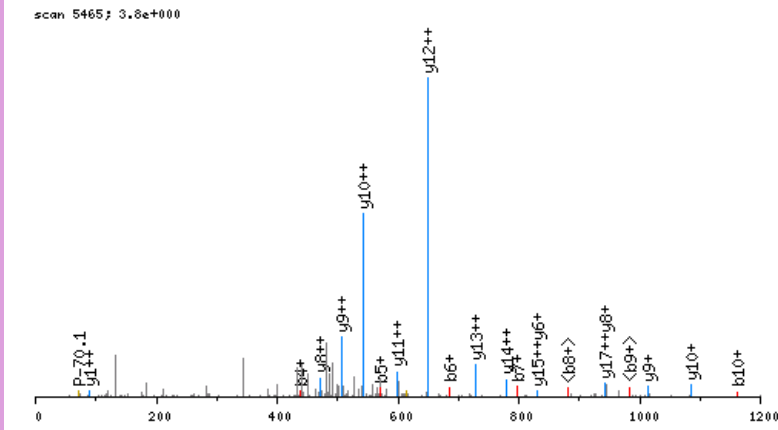
y + 2+ 3+

z + 2+ 3+

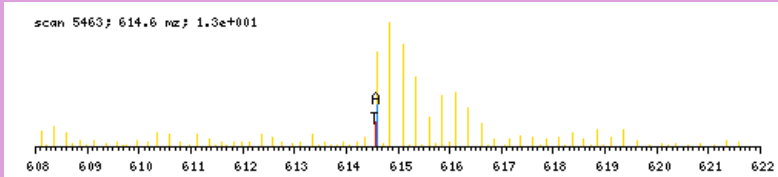
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	22		
173.0926	2	G	21	2340.1440	1170.5759
302.1352	3	E	20	2283.1225	1142.0652
439.1941	4	H	19	2154.0800	1077.5439
570.2346	5	M	18	2017.0210	1009.0144
685.2615	6	D	17	1885.9806	943.4942
798.3456	7	L	16	1770.9536	885.9807
899.3933	8	T	15	1657.8696	829.4387
1000.4409	9	T	14	1556.8219	778.9148
1160.4715	10	C	13	1455.7742	728.3910
1257.5243	11	P	12	1295.7436	648.3757
1370.6084	12	L	11	1198.6908	599.8493
1441.6455	13	A	10	1085.6068	543.3073
1512.6826	14	A	9	1014.5697	507.7887
1569.7041	15	G	8	943.5325	472.2702
1626.7255	16	G	7	886.5111	443.7595
1754.7841	17	Q	6	829.4896	415.2487
1882.8427	18	Q	5	701.4310	351.2194
2011.8853	19	E	4	573.3725	287.1901
2168.0116	20	K	3	444.3299	222.6688
2281.0956	21	L	2	288.2036	144.6057
	22	R	1	175.1195	88.0637

N-term: +29.04 C(10): +160.03
 K(20): +156.13

SGFEPGAFDGLKLNLYR, MH+ 1940.0282, m/z 647.3476
 L OS G26 P150811 220811-s1.06698.06698.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

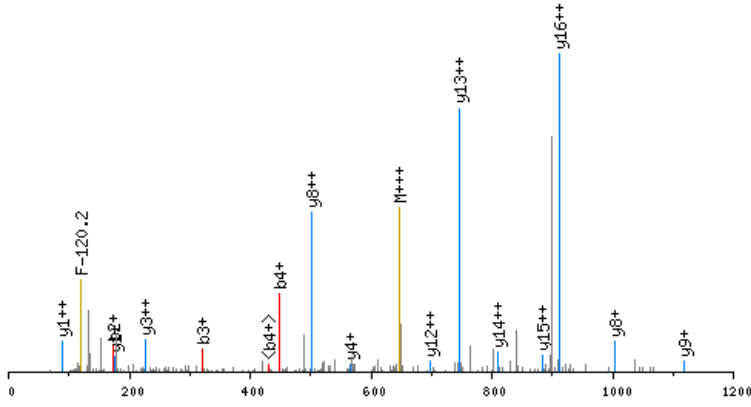
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

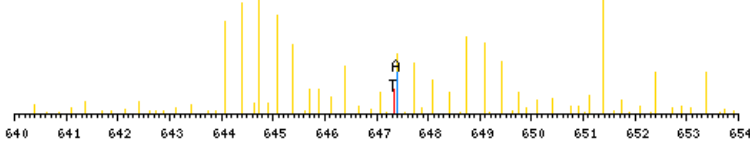
GO

scan 6698; 1.5e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6695; 647.3 m/z; 6.3e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	17		
173.0926	2	G	16	1824.9649	912.9864
320.1610	3	F	15	1767.9434	884.4756
449.2036	4	E	14	1620.8750	810.9414
546.2564	5	P	13	1491.8324	746.4201
603.2778	6	G	12	1394.7796	697.8937
674.3149	7	A	11	1337.7582	669.3830
821.3834	8	F	10	1266.7211	633.8644
936.4103	9	D	9	1119.6527	560.3302
993.4318	10	G	8	1004.6257	502.8168
1106.5158	11	L	7	947.6042	474.3060
1262.6421	12	K	6	834.5202	417.7640
1375.7262	13	L	5	678.3939	339.7009
1489.7691	14	N	4	565.3098	283.1588
1652.8324	15	Y	3	451.2669	226.1374
1765.9165	16	L	2	288.2036	144.6057
	17	R	1	175.1195	88.0637

N-term:+29.04 K(12):+156.13

SGFPDASSEGPEPTQGEAR, MH+ 1952.9050, m/z 651.6398
 H OS G24 P150811 220811-s1.02965.02965.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

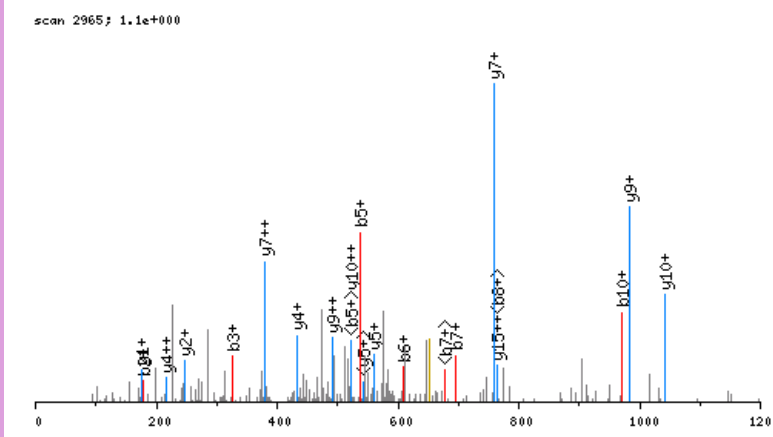
y + 2+ 3+

z + 2+ 3+

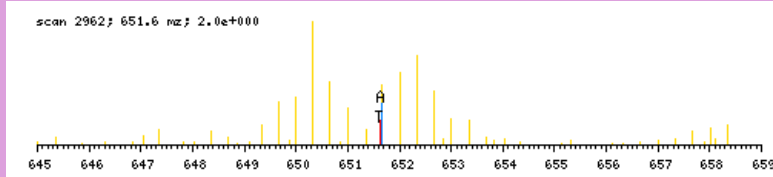
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
122.1029	1	S	19		
179.1244	2	G	18	1831.8099	916.4088
326.1928	3	F	17	1774.7884	887.8981
423.2456	4	P	16	1627.7200	814.3639
538.2725	5	D	15	1530.6672	765.8375
609.3096	6	A	14	1415.6403	708.3241
696.3417	7	S	13	1344.6032	672.8055
783.3737	8	S	12	1257.5711	629.2895
912.4163	9	E	11	1170.5391	585.7735
969.4377	10	G	10	1041.4965	521.2522
1066.4905	11	P	9	984.4750	492.7414
1195.5331	12	E	8	887.4223	444.2151
1292.5859	13	P	7	758.3797	379.6938
1393.6335	14	T	6	661.3269	331.1674
1521.6921	15	Q	5	560.2792	280.6435
1578.7136	16	G	4	432.2207	216.6142
1707.7562	17	E	3	375.1992	188.1035
1778.7933	18	A	2	246.1566	123.5822
	19	R	1	175.1195	88.0637

N-term:+35.07

SGGSKDNLSPPLGQCLTER, MH+ 2084.1082, m/z 695.3742
 H OS G26 P150811 220811-s1.03844.03844.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

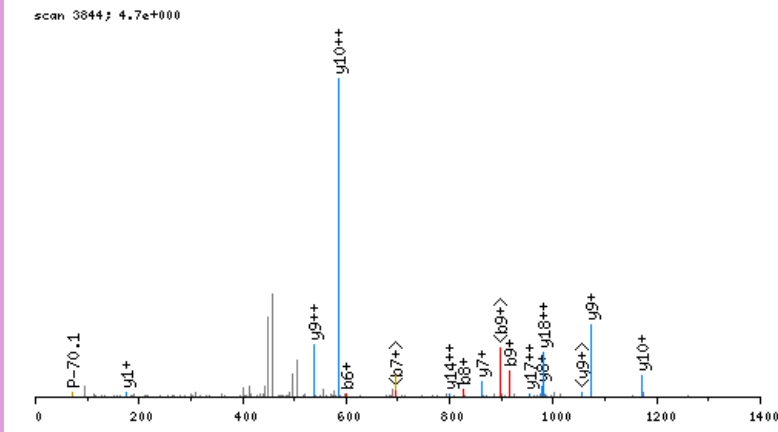
y + 2+ 3+

z + 2+ 3+

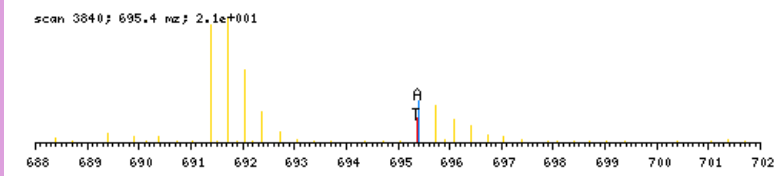
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
122.1029	1	S	19		
179.1244	2	G	18	1963.0131	982.0105
236.1459	3	G	17	1905.9916	953.4997
323.1779	4	S	16	1848.9702	924.9890
485.3360	5	K	15	1761.9381	881.4730
600.3629	6	D	14	1599.7800	800.3939
714.4059	7	N	13	1484.7531	742.8805
827.4899	8	L	12	1370.7102	685.8590
914.5219	9	S	11	1257.6261	629.3170
1011.5747	10	P	10	1170.5941	585.8009
1108.6275	11	P	9	1073.5413	537.2746
1221.7115	12	L	8	976.4885	488.7482
1278.7330	13	G	7	863.4045	432.2062
1406.7916	14	Q	6	806.3830	403.6954
1566.8222	15	C	5	678.3244	339.6661
1679.9062	16	L	4	518.2938	259.6508
1780.9539	17	T	3	405.2098	203.1088
1909.9965	18	E	2	304.1621	152.5850
	19	R	1	175.1195	88.0637

N-term:+35.07 K(5):+162.16
 C(15):+160.03

SGGTTMYPGIADR, MH+ 1359.6791, m/z 680.3432
 H OS G25 P150811 220811-s1.04066.04066.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

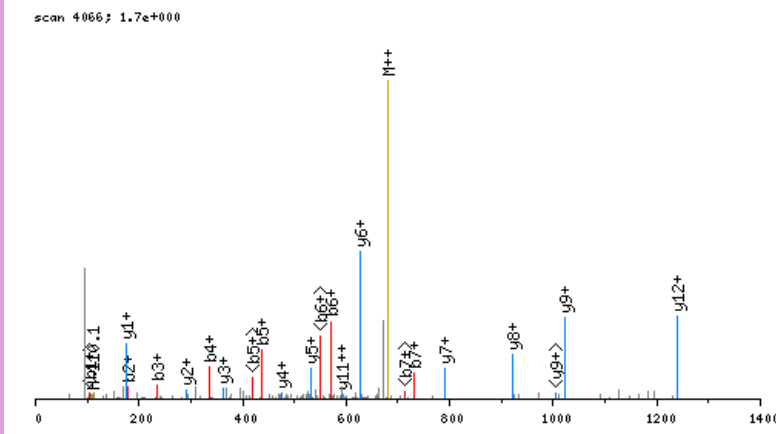
y + 2+ 3+

z + 2+ 3+

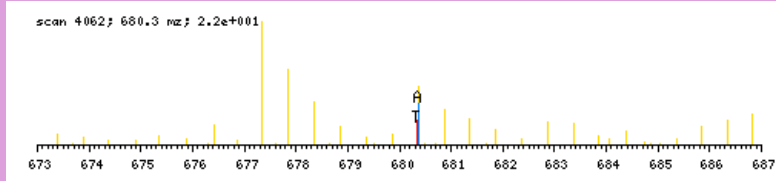
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



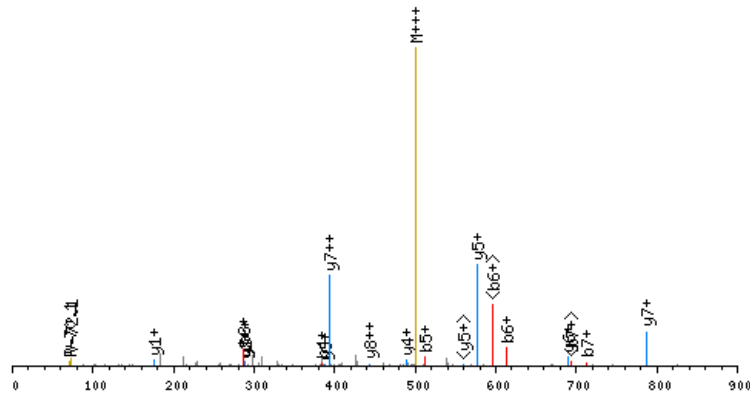
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 13		
179.1244	2	G 12	1238.5839	619.7959
236.1459	3	G 11	1181.5625	591.2852
337.1935	4	T 10	1124.5410	562.7744
438.2412	5	T 9	1023.4933	512.2506
569.2817	6	M 8	922.4457	461.7267
732.3450	7	Y 7	791.4052	396.2065
829.3978	8	P 6	628.3418	314.6748
886.4193	9	G 5	531.2891	266.1485
999.5033	10	I 4	474.2676	237.6377
1070.5404	11	A 3	361.1836	181.0957
1185.5674	12	D 2	290.1464	145.5771
	13	R 1	175.1195	88.0637

N-term:+35.07

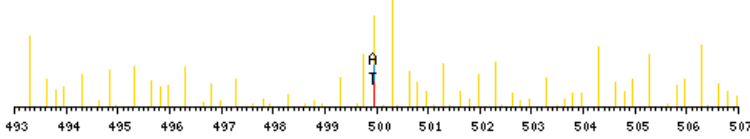
SGIPETVPLSTVNR, MH+ 1497.8277, m/z 499.9474
 L OS G25 P150811 220811-s1.05644.05644.3.dta

scan 5644; 6.8e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5642; 499.9 m/z; 1.2e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 14		
173.0926	2	G 13	1382.7644	691.8861
286.1767	3	I 12	1325.7429	663.3754
383.2294	4	P 11	1212.6588	606.8333
512.2720	5	E 10	1115.6061	558.3069
613.3197	6	T 9	986.5635	493.7856
712.3881	7	V 8	885.5158	443.2618
809.4409	8	P 7	786.4474	393.7276
922.5249	9	L 6	689.3946	345.2012
1009.5570	10	S 5	576.3105	288.6592
1110.6046	11	T 4	489.2785	245.1432
1209.6731	12	V 3	388.2308	194.6193
1323.7160	13	N 2	289.1624	145.0851
	14	R 1	175.1195	88.0637

N-term:+29.04

SGKDGQCPLVVEQVR, MH+ 1727.9114, m/z 576.6420
 L OS G27 P150811 220811-s1.03603.03603.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

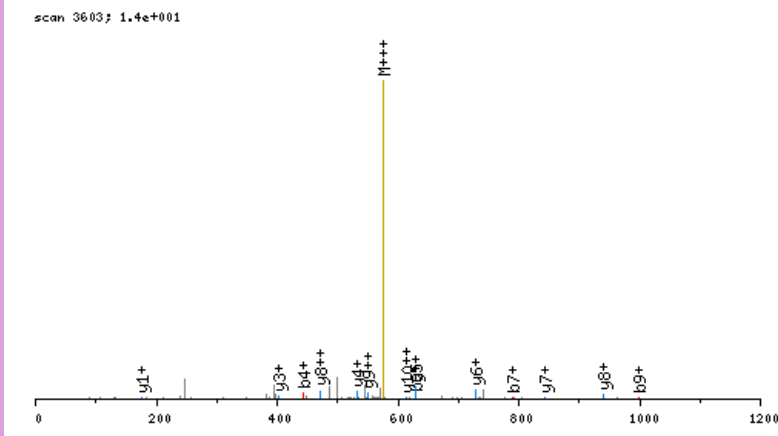
y + 2+ 3+

z + 2+ 3+

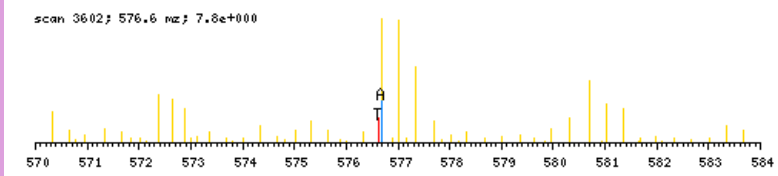
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



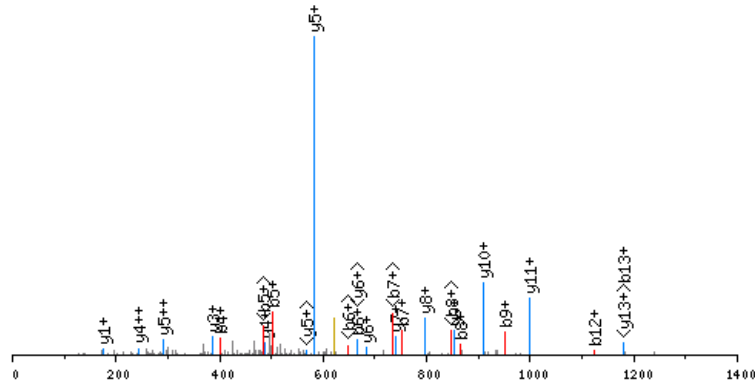
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	15		
173.0926	2	G	14	1612.8481	806.9280
329.2189	3	K	13	1555.8266	778.4172
444.2458	4	D	12	1399.7003	700.3541
501.2673	5	G	11	1284.6734	642.8406
629.3259	6	Q	10	1227.6519	614.3299
789.3565	7	C	9	1099.5933	550.3006
886.4092	8	P	8	939.5627	470.2853
999.4933	9	L	7	842.5100	421.7589
1098.5617	10	V	6	729.4259	365.2169
1197.6301	11	V	5	630.3575	315.6827
1326.6727	12	E	4	531.2891	266.1485
1454.7313	13	Q	3	402.2465	201.6272
1553.7997	14	V	2	274.1879	137.5979
	15	R	1	175.1195	88.0637

N-term:+29.04 K(3):+156.13
 C(7):+160.03

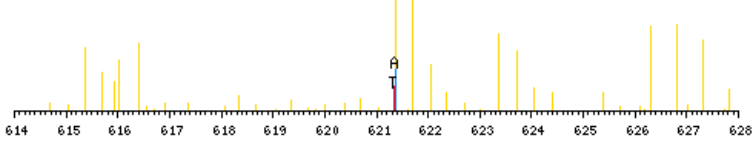
SGLDTYSLSGGGVPVLVR, MH+ 1862.0023, m/z 621.3390
 L OS G24 P150811 220811-s1.04575.04575.3.dta

scan 4575; 2.5e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 4572; 621.3 m/z; 1.5e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

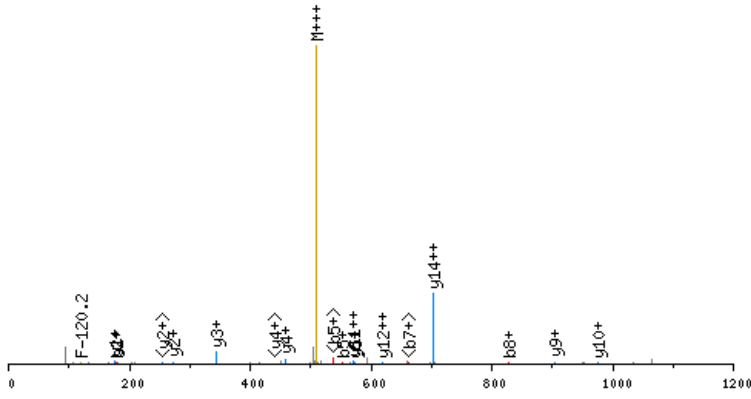
GO

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 19		
173.0926	2	G 18	1746.9390	873.9734
286.1767	3	L 17	1689.9176	845.4627
401.2036	4	D 16	1576.8335	788.9207
502.2513	5	T 15	1461.8066	731.4072
665.3146	6	Y 14	1360.7589	680.8833
752.3466	7	S 13	1197.6955	599.3517
865.4307	8	L 12	1110.6635	555.8357
952.4627	9	S 11	997.5795	499.2936
1009.4842	10	G 10	910.5474	455.7776
1066.5057	11	G 9	853.5260	427.2669
1123.5271	12	G 8	796.5045	398.7562
1180.5486	13	G 7	739.4830	370.2454
1279.6170	14	V 6	682.4616	341.7347
1376.6698	15	P 5	583.3932	292.2005
1475.7382	16	V 4	486.3404	243.6741
1588.8222	17	L 3	387.2720	194.1399
1687.8907	18	V 2	274.1879	137.5979
	19	R 1	175.1195	88.0637

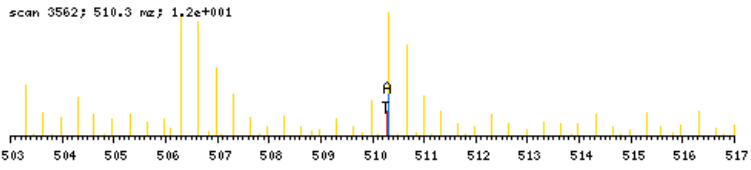
N-term:+29.04

SGLVKAGFAGDDAPR, MH+ 1528.8760, m/z 510.2968
 H OS G27 P150811 220811-s1.03565.03565.3.dta

scan 3565; 1.3e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

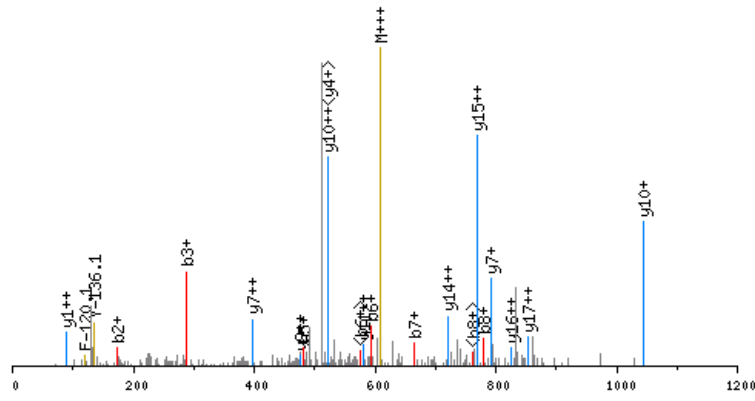
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
122.1029	1	S	15		
179.1244	2	G	14	1407.7809	704.3944
292.2085	3	L	13	1350.7594	675.8836
391.2769	4	V	12	1237.6753	619.3416
553.4350	5	K	11	1138.6069	569.8074
624.4721	6	A	10	976.4488	488.7283
681.4935	7	G	9	905.4117	453.2098
828.5620	8	F	8	848.3903	424.6990
899.5991	9	A	7	701.3218	351.1648
956.6205	10	G	6	630.2847	315.6463
1071.6475	11	D	5	573.2633	287.1355
1186.6744	12	D	4	458.2363	229.6221
1257.7115	13	A	3	343.2094	172.1086
1354.7643	14	P	2	272.1723	136.5900
	15	R	1	175.1195	88.0637

N-term:+35.07 K(5):+162.16

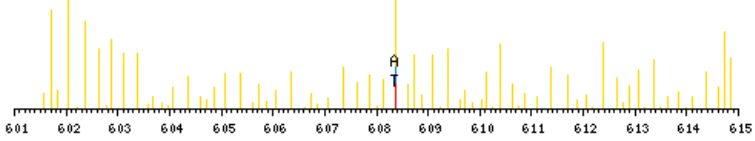
SGNPPLALPGVPGKPIR, MH+ 1823.0907, m/z 608.3684
 L OS G26 P150811 220811-s1.05124.05124.3.dta

scan 5124; 9.7e-001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5120; 608.4 m/z; 6.6e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 18		
173.0926	2	G 17	1708.0274	854.5176
287.1355	3	N 16	1651.0060	826.0069
384.1883	4	P 15	1536.9630	768.9854
481.2410	5	P 14	1439.9103	720.4590
594.3251	6	L 13	1342.8575	671.9327
665.3622	7	A 12	1229.7734	615.3906
778.4463	8	L 11	1158.7363	579.8721
875.4991	9	P 10	1045.6523	523.3300
932.5205	10	G 9	948.5995	474.8037
1031.5889	11	V 8	891.5780	446.2929
1128.6417	12	P 7	792.5096	396.7587
1185.6632	13	G 6	695.4569	348.2323
1282.7159	14	P 5	638.4354	319.7216
1438.8422	15	K 4	541.3826	271.1952
1535.8950	16	P 3	385.2563	193.1321
1648.9791	17	I 2	288.2036	144.6057
	18	R 1	175.1195	88.0637

N-term:+29.04 K(15):+156.13

SGPFAPVLSATSR, MH+ 1323.7485, m/z 662.3779
 H OS G25 P150811 220811-s1.06025.06025.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

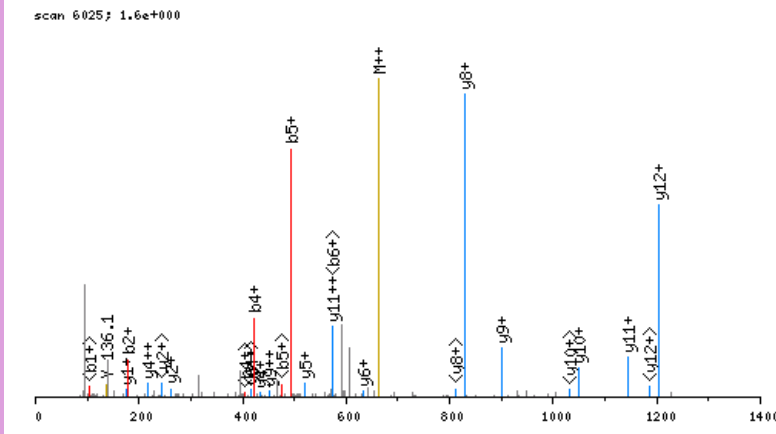
y + 2+ 3+

z + 2+ 3+

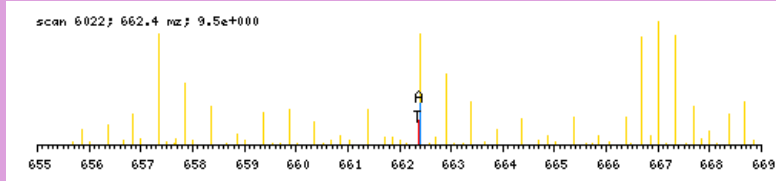
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



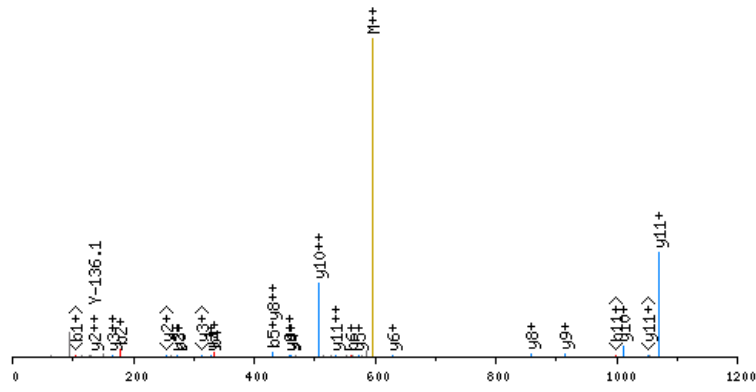
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 13		
179.1244	2	G 12	1202.6533	601.8306
276.1772	3	P 11	1145.6319	573.3199
423.2456	4	F 10	1048.5791	524.7935
494.2827	5	A 9	901.5107	451.2593
591.3354	6	P 8	830.4736	415.7407
690.4039	7	V 7	733.4208	367.2143
803.4879	8	L 6	634.3524	317.6801
890.5200	9	S 5	521.2683	261.1381
961.5571	10	A 4	434.2363	217.6221
1062.6047	11	T 3	363.1992	182.1035
1149.6368	12	S 2	262.1515	131.5797
	13	R 1	175.1195	88.0637

N-term:+35.07

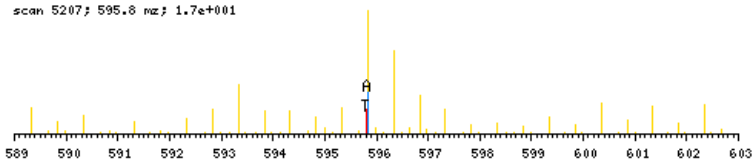
SGPGPMGLMGPR, MH+ 1190.6238, m/z 595.8155
 H OS G25 P150811 220811-s1.05208.05208.2.dta

scan 5208; 1.2e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5207; 595.8 m/z; 1.7e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

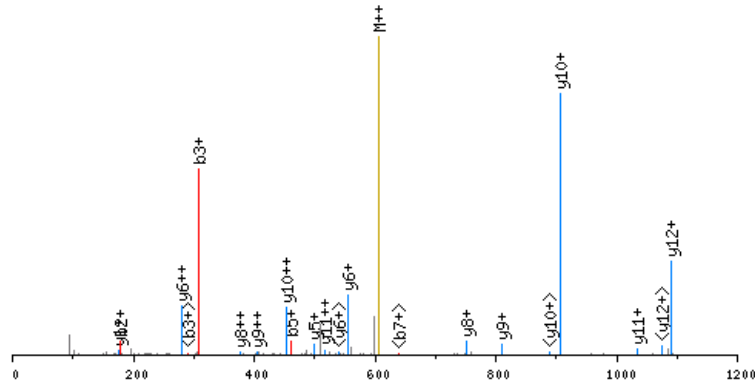
GO

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 12		
179.1244	2	G 11	1069.5287	535.2683
276.1772	3	P 10	1012.5072	506.7575
333.1986	4	G 9	915.4545	458.2311
430.2514	5	P 8	858.4330	429.7204
561.2919	6	M 7	761.3802	381.1940
618.3133	7	G 6	630.3397	315.6738
731.3974	8	L 5	573.3183	287.1631
862.4379	9	M 4	460.2342	230.6210
919.4593	10	G 3	329.1937	165.1008
1016.5121	11	P 2	272.1723	136.5900
	12	R 1	175.1195	88.0637

N-term:+35.07

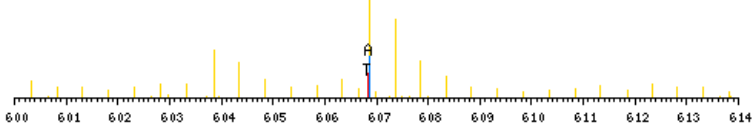
SGQPGVGPAGVR, MH+ 1212.6913, m/z 606.8493
 H OS G25 P150811 220811-s1.02598.02598.2.dta

scan 2598; 3.6e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2597; 606.8 m/z; 1.8e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 13		
179.1244	2	G 12	1091.5962	546.3020
307.1830	3	Q 11	1034.5747	517.7913
404.2357	4	P 10	906.5161	453.7620
461.2572	5	G 9	809.4634	405.2356
558.3100	6	P 8	752.4419	376.7249
657.3784	7	V 7	655.3891	328.1985
714.3998	8	G 6	556.3207	278.6643
811.4526	9	P 5	499.2993	250.1535
882.4897	10	A 4	402.2465	201.6272
939.5112	11	G 3	331.2094	166.1086
1038.5796	12	V 2	274.1879	137.5979
	13	R 1	175.1195	88.0637

N-term:+35.07

SGSEVTQCCQTDLNCR, MH+ 2071.8481, m/z 691.2876
 L OS G25 P150811 220811-s1.02913.02913.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

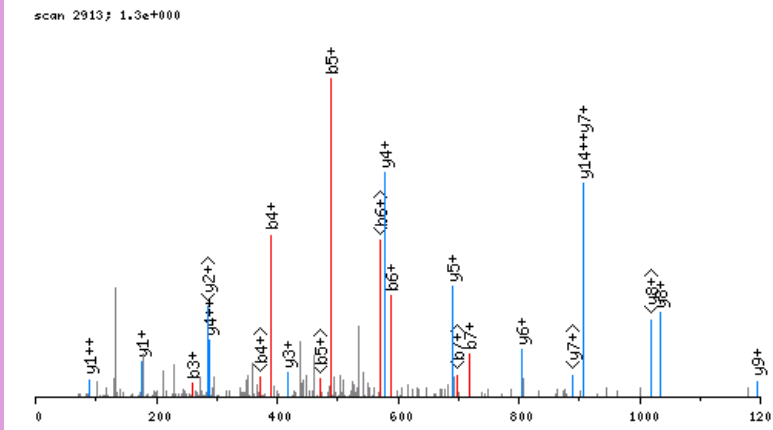
y + 2+ 3+

z + 2+ 3+

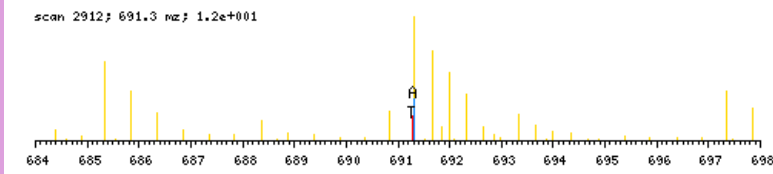
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



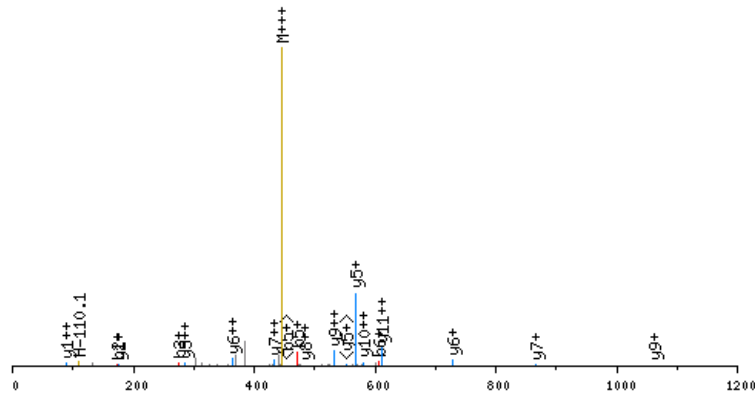
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	17		
173.0926	2	G	16	1956.7848	978.8963
260.1246	3	S	15	1899.7634	950.3856
389.1672	4	E	14	1812.7313	906.8696
488.2356	5	V	13	1683.6888	842.3483
589.2833	6	T	12	1584.6203	792.8141
717.3419	7	Q	11	1483.5727	742.2902
877.3725	8	C	10	1355.5141	678.2610
1037.4031	9	C	9	1195.4835	598.2457
1165.4617	10	Q	8	1035.4529	518.2304
1266.5093	11	T	7	907.3943	454.2011
1381.5363	12	D	6	806.3466	403.6772
1494.6203	13	L	5	691.3197	346.1638
1654.6509	14	C	4	578.2356	289.6217
1768.6939	15	N	3	418.2050	209.6064
1897.7365	16	E	2	304.1621	152.5850
	17	R	1	175.1195	88.0637

N-term:+29.04 C(8):+160.03
 C(9):+160.03 C(14):+160.03

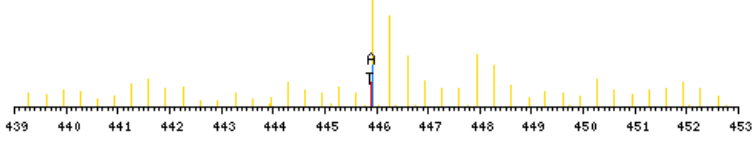
SGTPVHCPSPiR, MH+ 1335.6843, m/z 445.8996
 L OS G27 P150811 220811-s1.02531.02531.3.dta

scan 2531; 1.1e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2527; 445.9 m/z; 9.7e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

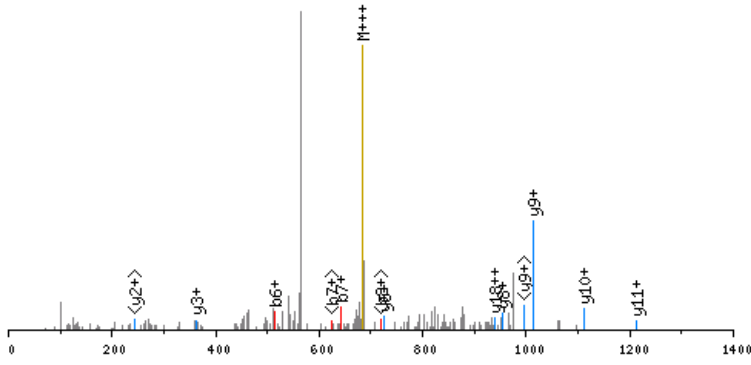
GO

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 12		
173.0926	2	G 11	1220.6210	610.8144
274.1403	3	T 10	1163.5995	582.3037
371.1930	4	P 9	1062.5518	531.7798
470.2614	5	V 8	965.4990	483.2534
607.3204	6	H 7	866.4306	433.7192
767.3510	7	C 6	729.3717	365.1898
864.4037	8	P 5	569.3411	285.1745
951.4358	9	S 4	472.2884	236.6481
1048.4885	10	P 3	385.2563	193.1321
1161.5726	11	I 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+29.04 C(7):+160.03

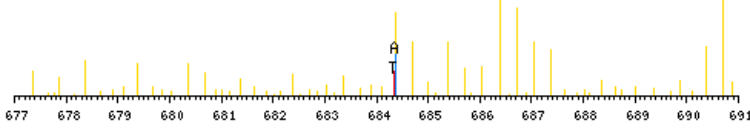
SGVGPSQPTTVGTECGFVSR, MH+ 2050.9867, m/z 684.3338
 L OS G24 P150811 220811-s1.03306.03306.3.dta

scan 3306; 9.2e-001



click image to zoom in; click top corners to zoom out [precursor±]

scan 3302; 684.3 m/z; 1.7e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	20		
173.0926	2	G	19	1935.9234	968.4656
272.1610	3	V	18	1878.9019	939.9549
329.1825	4	G	17	1779.8335	890.4207
426.2352	5	P	16	1722.8121	861.9099
513.2673	6	S	15	1625.7593	813.3836
641.3258	7	Q	14	1538.7273	769.8675
738.3786	8	P	13	1410.6687	705.8383
839.4263	9	T	12	1313.6159	657.3119
940.4740	10	T	11	1212.5682	606.7880
1039.5424	11	V	10	1111.5206	556.2642
1096.5638	12	G	9	1012.4522	506.7300
1197.6115	13	T	8	955.4307	478.2193
1326.6541	14	E	7	854.3830	427.6954
1486.6847	15	C	6	725.3404	363.1741
1543.7062	16	G	5	565.3098	283.1588
1690.7746	17	F	4	508.2884	254.6481
1789.8430	18	V	3	361.2199	181.1139
1876.8750	19	S	2	262.1515	131.5797
	20	R	1	175.1195	88.0637

N-term:+29.04 C(15);+160.03

SHTDVKVPDFSDYR, MH+ 1733.9135, m/z 434.2338
 H OS G28 P150811 220811-s1.05367.05367.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

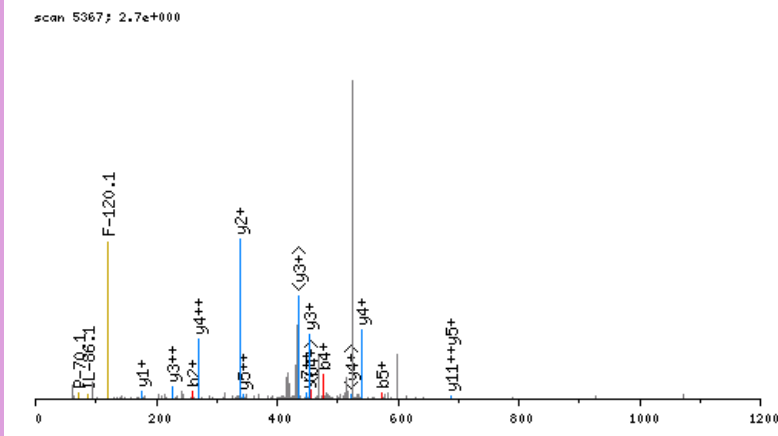
y + 2+ 3+

z + 2+ 3+

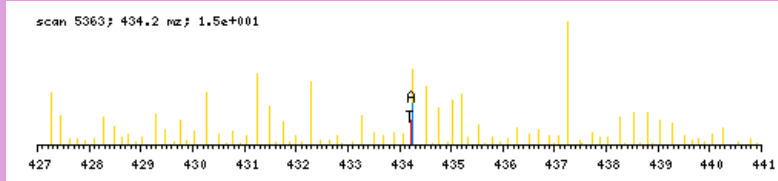
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 14		
259.1618	2	H 13	1612.8184	806.9131
360.2095	3	T 12	1475.7595	738.3836
475.2365	4	D 11	1374.7118	687.8598
574.3049	5	V 10	1259.6848	630.3463
736.4630	6	K 9	1160.6164	580.8121
835.5314	7	V 8	998.4583	499.7331
932.5842	8	P 7	899.3899	450.1989
1047.6111	9	D 6	802.3372	401.6725
1194.6795	10	F 5	687.3102	344.1590
1281.7115	11	S 4	540.2418	270.6248
1396.7385	12	D 3	453.2098	227.1088
1559.8018	13	Y 2	338.1828	169.5953
	14	R 1	175.1195	88.0637

N-term:+35.07 K(6):+162.16

SHVISQHQSLGNIK, MH+ 1716.9509, m/z 429.9932
 L OS G28 P150811 220811-s1.04071.04071.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

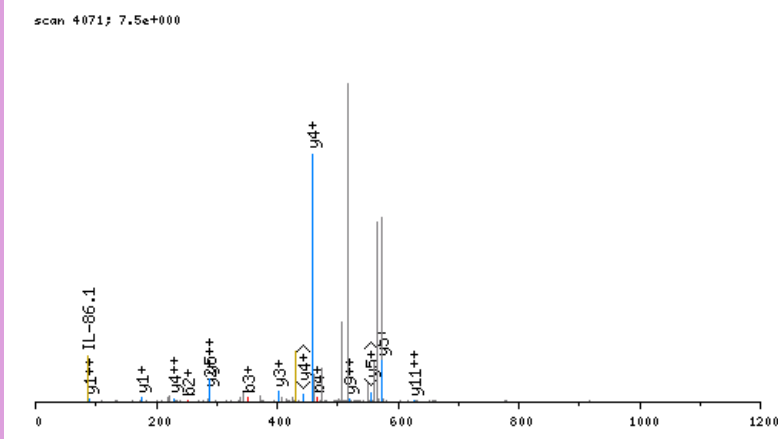
y + 2+ 3+

z + 2+ 3+

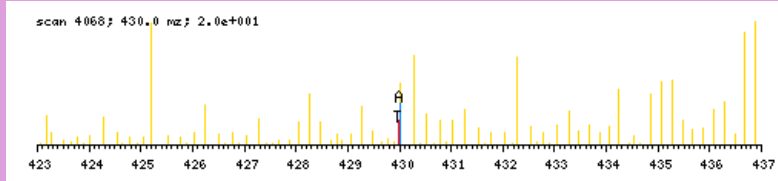
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	15		
253.1300	2	H	14	1601.8876	801.4477
352.1985	3	V	13	1464.8287	732.9183
465.2825	4	I	12	1365.7603	683.3840
552.3145	5	S	11	1252.6762	626.8420
680.3731	6	Q	10	1165.6442	583.3260
817.4320	7	H	9	1037.5856	519.2967
945.4906	8	Q	8	900.5267	450.7673
1032.5226	9	S	7	772.4681	386.7380
1145.6067	10	L	6	685.4361	343.2220
1258.6908	11	L	5	572.3520	286.6799
1315.7122	12	G	4	459.2680	230.1379
1429.7552	13	N	3	402.2465	201.6272
1542.8392	14	I	2	288.2036	144.6057
	15	R	1	175.1195	88.0637

N-term:+29.04

SICEEFSQQADDKGCFR, MH+ 2132.9380, m/z 711.6509
 L OS G27 P150811 220811-s1.05175.05175.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

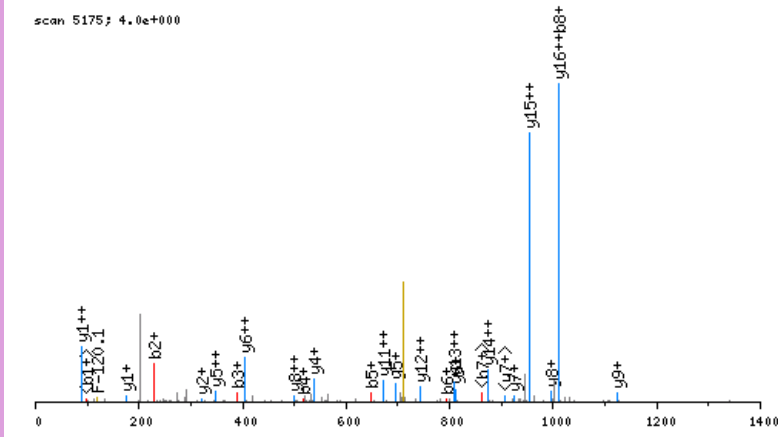
y + 2+ 3+

z + 2+ 3+

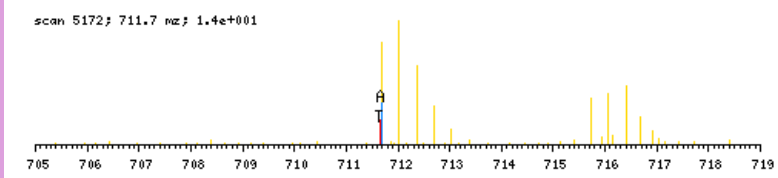
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



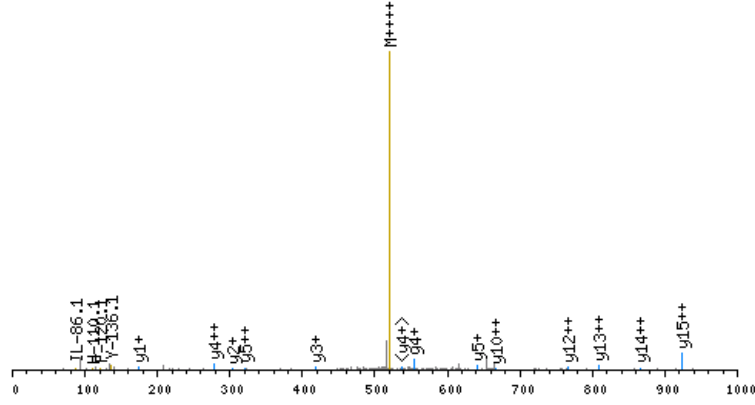
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	17		
229.1552	2	I	16	2017.8747	1009.4413
389.1858	3	C	15	1904.7907	952.8992
518.2284	4	E	14	1744.7601	872.8839
647.2710	5	E	13	1615.7175	808.3626
794.3394	6	F	12	1486.6749	743.8414
881.3714	7	S	11	1339.6065	670.3071
1009.4300	8	Q	10	1252.5744	626.7911
1137.4886	9	Q	9	1124.5159	562.7618
1208.5257	10	A	8	996.4573	498.7326
1323.5526	11	D	7	925.4202	463.2140
1438.5796	12	D	6	810.3932	405.7005
1594.7059	13	K	5	695.3663	348.1871
1651.7273	14	G	4	539.2400	270.1239
1811.7579	15	C	3	482.2185	241.6132
1958.8264	16	F	2	322.1879	161.5979
	17	R	1	175.1195	88.0637

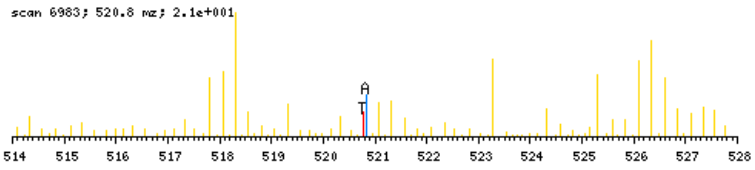
N-term:+29.04 C(3):+160.03
 K(13):+156.13 C(15):+160.03

SIDNSPVKWCALSHLER, MH+ 2080.1285, m/z 520.7876
 H OS G28 P150811 220811-s1.06987.06987.4.dta

scan 6987; 6.7e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

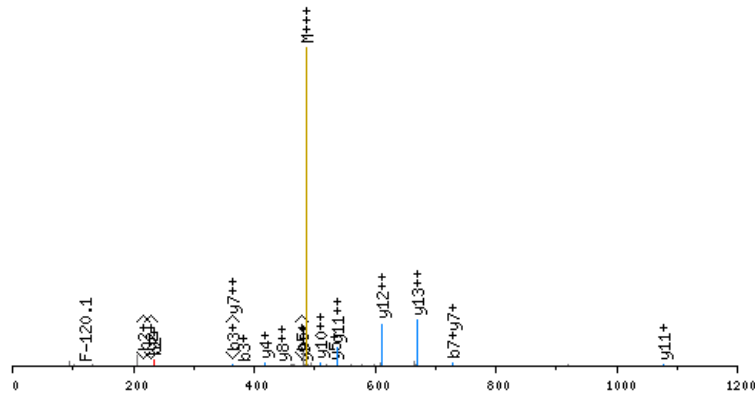
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
122.1029	1	S	17		
235.1870	2	I	16	1959.0334	980.0206
350.2139	3	D	15	1845.9494	923.4786
464.2569	4	N	14	1730.9224	865.9651
551.2889	5	S	13	1616.8795	808.9437
648.3417	6	P	12	1529.8475	765.4276
747.4101	7	V	11	1432.7947	716.9013
909.5682	8	K	10	1333.7263	667.3671
1095.6475	9	W	9	1171.5682	586.2880
1255.6781	10	C	8	985.4889	493.2484
1326.7152	11	A	7	825.4583	413.2331
1439.7993	12	L	6	754.4212	377.7145
1526.8313	13	S	5	641.3371	321.1725
1663.8902	14	H	4	554.3051	277.6564
1776.9743	15	L	3	417.2462	209.1270
1906.0169	16	E	2	304.1621	152.5850
	17	R	1	175.1195	88.0637

N-term:+35.07 K(8):+162.16
 C(10):+160.03

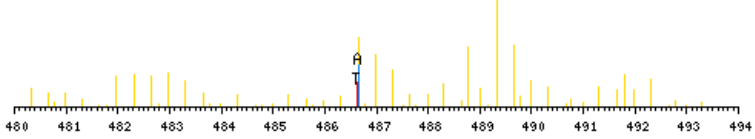
SIFGGAKPVDTAAR, MH+ 1457.8753, m/z 486.6299
 H OS G26 P150811 220811-s1.02972.02972.3.dta

scan 2972; 1.5e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2970; 486.6 m/z; 1.2e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 14		
235.1870	2	I 13	1336.7801	668.8940
382.2554	3	F 12	1223.6961	612.3520
439.2769	4	G 11	1076.6277	538.8177
496.2983	5	G 10	1019.6062	510.3070
567.3354	6	A 9	962.5847	481.7963
729.4935	7	K 8	891.5476	446.2777
826.5463	8	P 7	729.3895	365.1987
925.6147	9	V 6	632.3368	316.6723
1040.6417	10	D 5	533.2683	267.1381
1141.6893	11	T 4	418.2414	209.6246
1212.7265	12	A 3	317.1937	159.1008
1283.7636	13	A 2	246.1566	123.5822
	14	R 1	175.1195	88.0637

N-term:+35.07 K(7):+162.16

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

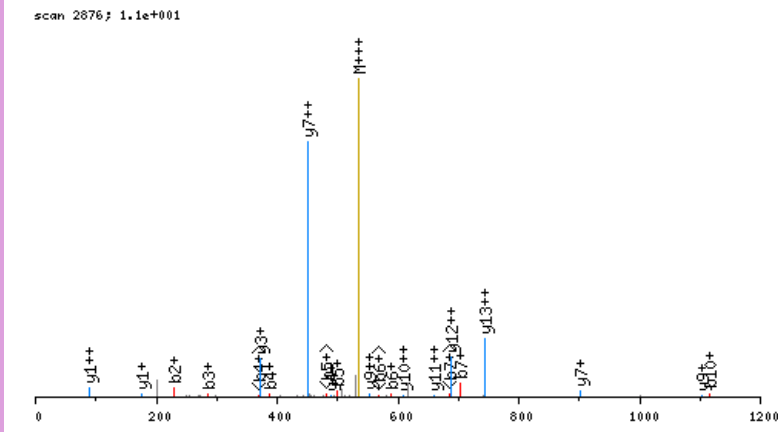
y + 2+ 3+

z + 2+ 3+

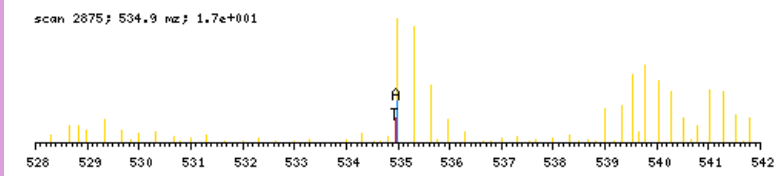
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S	14	
229.1552	2	I	13	1487.7528
286.1767	3	G	12	1374.6687
387.2243	4	T	11	1317.6473
500.3084	5	L	10	1216.5996
587.3404	6	S	9	1103.5155
702.3674	7	D	8	1016.4835
799.4201	8	P	7	901.4566
959.4507	9	C	6	804.4038
1115.5770	10	K	5	644.3732
1230.6040	11	D	4	488.2469
1327.6567	12	P	3	373.2199
1428.7044	13	T	2	276.1672
	14	R	1	175.1195

N-term:+29.04 C(9):+160.03
 K(10):+156.13

SIIDTPGILSGAKQR, MH+ 1611.9434, m/z 537.9860
 L OS G26 P150811 220811-s1.04759.04759.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

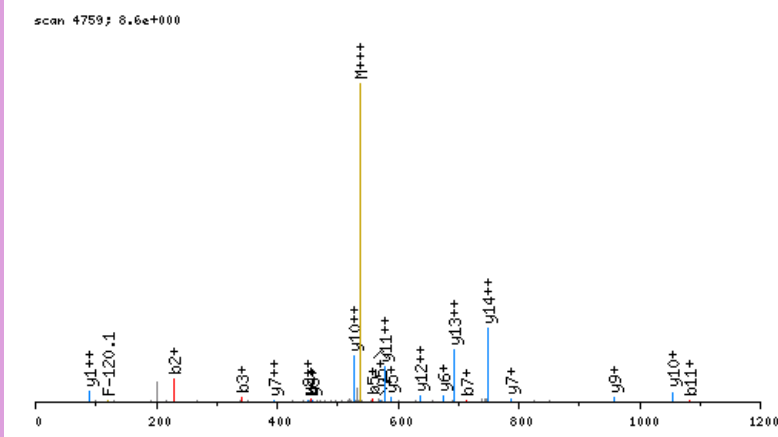
y + 2+ 3+

z + 2+ 3+

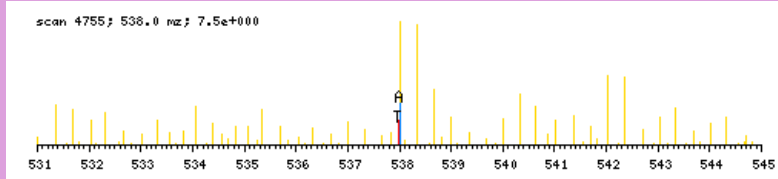
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 15		
229.1552	2	I 14	1496.8801	748.9440
342.2393	3	I 13	1383.7960	692.4019
457.2662	4	D 12	1270.7120	635.8599
558.3139	5	T 11	1155.6850	578.3464
655.3666	6	P 10	1054.6373	527.8226
712.3881	7	G 9	957.5846	479.2962
825.4722	8	I 8	900.5631	450.7855
938.5562	9	L 7	787.4790	394.2434
1025.5883	10	S 6	674.3950	337.7014
1082.6097	11	G 5	587.3630	294.1854
1153.6468	12	A 4	530.3415	265.6747
1309.7731	13	K 3	459.3044	230.1561
1437.8317	14	Q 2	303.1781	152.0930
	15	R 1	175.1195	88.0637

N-term:+29.04 K(13):+156.13

SIMKCDIDIR, MH+ 1306.6863, m/z 436.2336
 L OS G27 P150811 220811-s1.04369.04369.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

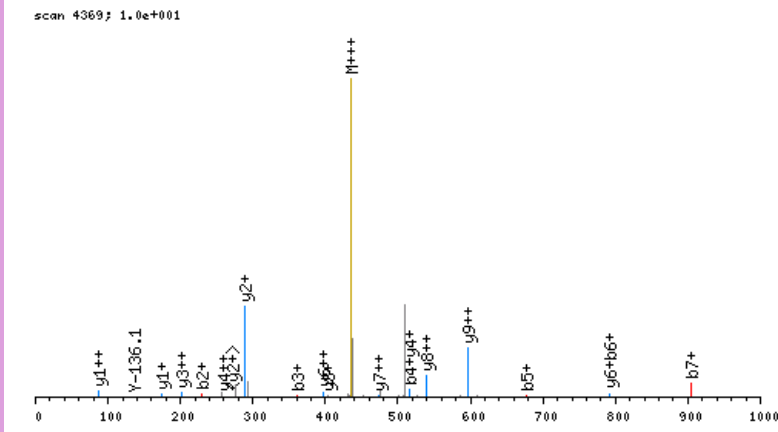
y + 2+ 3+

z + 2+ 3+

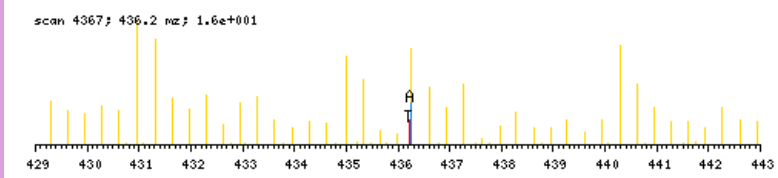
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S	10	
229.1552	2	I	9	1191.6230
360.1957	3	M	8	1078.5389
516.3220	4	K	7	947.4984
676.3526	5	C	6	791.3721
791.3795	6	D	5	631.3415
904.4636	7	I	4	516.3146
1019.4905	8	D	3	403.2305
1132.5746	9	I	2	288.2036
	10	R	1	175.1195

N-term:+29.04 K(4):+156.13
 C(5):+160.03

SIVPALEIANAHR, MH+ 1418.8119, m/z 473.6088
 L OS G27 P150811 220811-s1.05870.05870.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

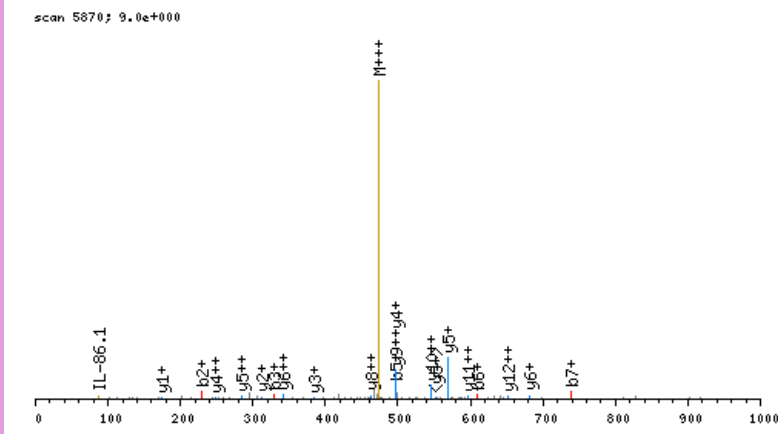
y + 2+ 3+

z + 2+ 3+

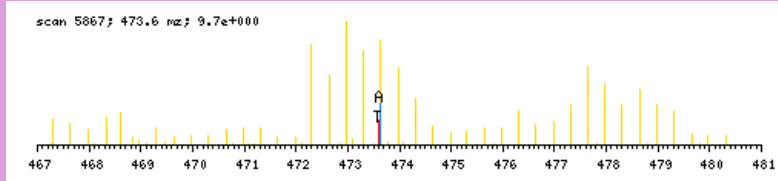
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 13		
229.1552	2	I 12	1303.7486	652.3782
328.2236	3	V 11	1190.6646	595.8362
425.2764	4	P 10	1091.5962	546.3020
496.3135	5	A 9	994.5434	497.7756
609.3975	6	L 8	923.5063	462.2571
738.4401	7	E 7	810.4222	405.7150
851.5242	8	I 6	681.3796	341.1937
922.5613	9	A 5	568.2956	284.6517
1036.6042	10	N 4	497.2585	249.1331
1107.6414	11	A 3	383.2155	192.1117
1244.7003	12	H 2	312.1784	156.5931
	13	R 1	175.1195	88.0637

N-term:+29.04

SIVVSPILIPENQR, MH+ 1592.9375, m/z 531.6507
 L OS G25 P150811 220811-s1.07460.07460.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

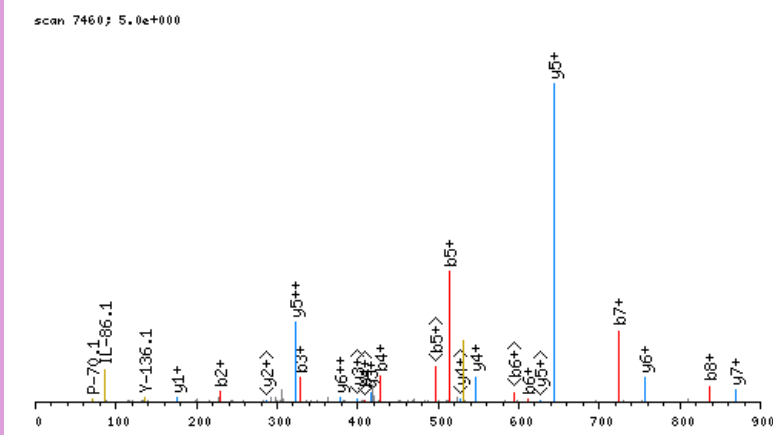
y + 2+ 3+

z + 2+ 3+

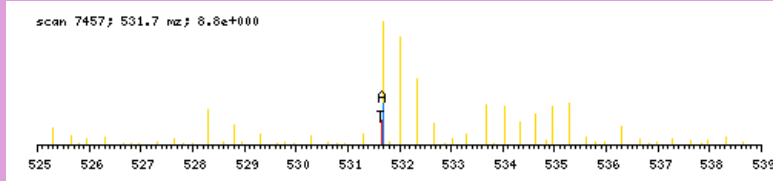
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 14		
229.1552	2	I 13	1477.8742	739.4410
328.2236	3	V 12	1364.7902	682.8990
427.2920	4	V 11	1265.7218	633.3648
514.3240	5	S 10	1166.6533	583.8306
611.3768	6	P 9	1079.6213	540.3146
724.4609	7	I 8	982.5686	491.7882
837.5449	8	L 7	869.4845	435.2462
950.6290	9	I 6	756.4004	378.7041
1047.6818	10	P 5	643.3164	322.1621
1176.7244	11	E 4	546.2636	273.6357
1290.7673	12	N 3	417.2210	209.1144
1418.8259	13	Q 2	303.1781	152.0930
	14	R 1	175.1195	88.0637

N-term:+29.04

SKADLDLLKSSGVIQR, MH+ 1929.1021, m/z 483.0310
 L OS G28 P150811 220811-s1.06502.06502.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

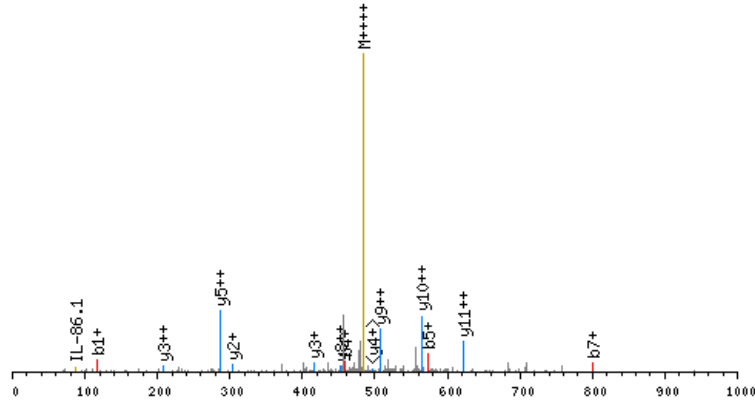
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

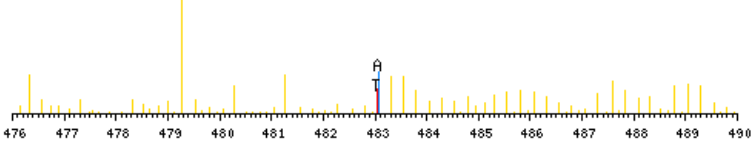
GO

scan 6502; 3.1e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6498; 483.0 m/z; 2.4e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	17		
272.1974	2	K	16	1814.0388	907.5233
343.2345	3	A	15	1657.9125	829.4602
458.2615	4	D	14	1586.8754	793.9416
573.2884	5	D	13	1471.8485	736.4281
686.3725	6	L	12	1356.8215	678.9147
801.3994	7	D	11	1243.7374	622.3726
914.4835	8	L	10	1128.7105	564.8592
1027.5676	9	L	9	1015.6264	508.3171
1183.6939	10	K	8	902.5424	451.7751
1270.7259	11	S	7	746.4161	373.7120
1357.7579	12	S	6	659.3840	330.1959
1414.7794	13	G	5	572.3520	286.6799
1513.8478	14	V	4	515.3306	258.1692
1626.9319	15	I	3	416.2621	208.6350
1754.9904	16	Q	2	303.1781	152.0930
	17	R	1	175.1195	88.0637

N-term: +29.04 K(2): +156.13
 K(10): +156.13

SKLEPQIATASEYADR, MH+ 1856.9870, m/z 465.0022
 L OS G28 P150811 220811-s1.04261.04261.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

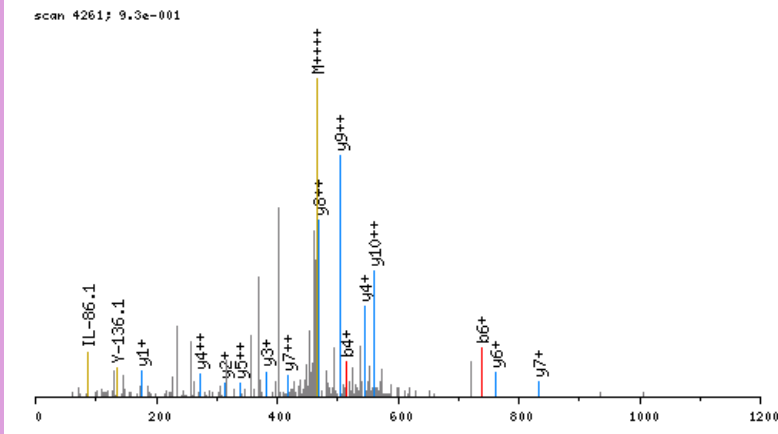
y + 2+ 3+

z + 2+ 3+

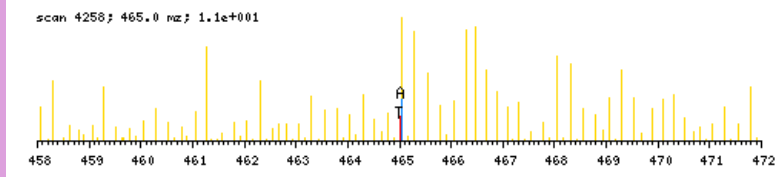
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



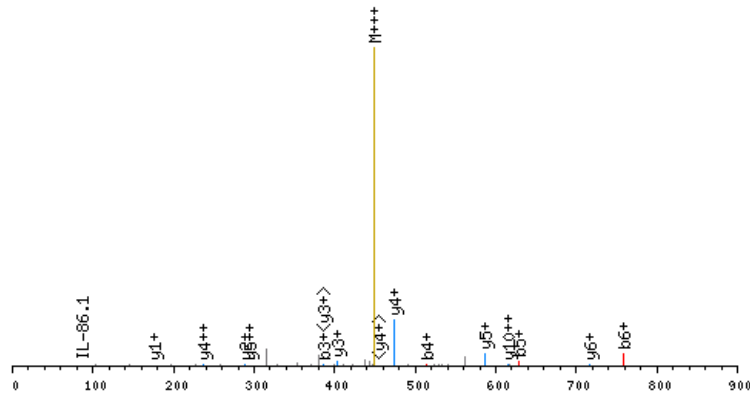
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 16		
272.1974	2	K 15	1741.9237	871.4658
385.2815	3	L 14	1585.7974	793.4026
514.3241	4	E 13	1472.7134	736.8606
611.3768	5	P 12	1343.6708	672.3393
739.4354	6	Q 11	1246.6180	623.8129
852.5195	7	I 10	1118.5594	559.7836
923.5566	8	A 9	1005.4754	503.2416
1024.6043	9	T 8	934.4383	467.7230
1095.6414	10	A 7	833.3906	417.1992
1182.6734	11	S 6	762.3535	381.6807
1311.7160	12	E 5	675.3214	338.1646
1474.7793	13	Y 4	546.2789	273.6433
1545.8165	14	A 3	383.2155	192.1117
1682.8754	15	H 2	312.1784	156.5931
	16	R 1	175.1195	88.0637

N-term:+29.04 K(2):+156.13

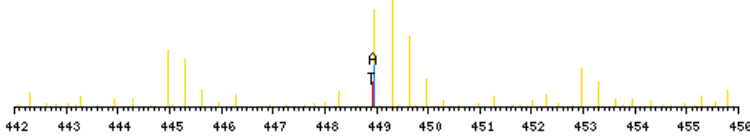
SKLQDMLANLR, MH+ 1344.7673, m/z 448.9273
 L OS G27 P150811 220811-s1.06689.06689.3.dta

scan 6689; 1.4e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6687; 448.9 m/z; 4.5e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 11		
272.1974	2	K 10	1229.7040	615.3559
385.2815	3	L 9	1073.5777	537.2928
513.3401	4	Q 8	960.4937	480.7508
628.3670	5	D 7	832.4351	416.7215
759.4075	6	M 6	717.4082	359.2080
872.4916	7	L 5	586.3677	293.6877
943.5287	8	A 4	473.2836	237.1457
1057.5716	9	N 3	402.2465	201.6272
1170.6557	10	L 2	288.2036	144.6057
	11	R 1	175.1195	88.0637

N-term:+29.04 K(2):+156.13

SKWPEPVFGR, MH+ 1258.6948, m/z 420.2365
 L OS G27 P150811 220811-s1.05345.05345.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

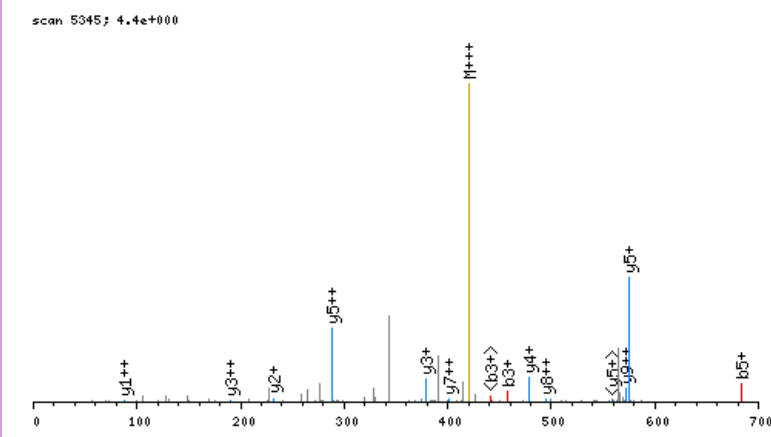
y + 2+ 3+

z + 2+ 3+

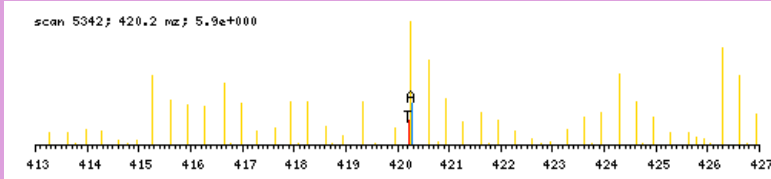
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 10		
272.1974	2	K 9	1143.6315	572.3197
458.2767	3	W 8	987.5052	494.2565
555.3295	4	P 7	801.4259	401.2169
684.3721	5	E 6	704.3731	352.6905
781.4249	6	P 5	575.3306	288.1692
880.4933	7	V 4	478.2778	239.6428
1027.5617	8	F 3	379.2094	190.1086
1084.5832	9	G 2	232.1410	116.5744
	10	R 1	175.1195	88.0637

N-term:+29.04 K(2):+156.13

SLADAINTEFKNTR, MH+ 1635.8706, m/z 545.9617
 L OS G27 P150811 220811-s1.06010.06010.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

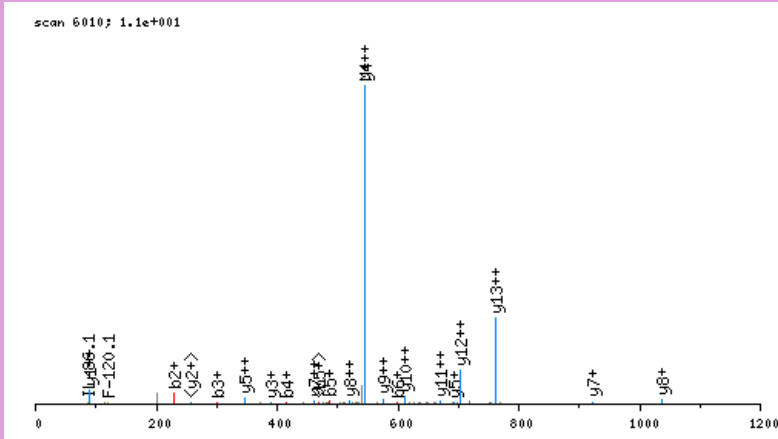
y + 2+ 3+

z + 2+ 3+

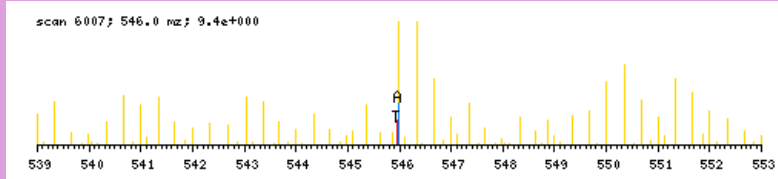
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 14		
229.1552	2	L 13	1520.8073	760.9076
300.1923	3	A 12	1407.7233	704.3655
415.2192	4	D 11	1336.6861	668.8470
486.2564	5	A 10	1221.6592	611.3335
599.3404	6	I 9	1150.6221	575.8150
713.3834	7	N 8	1037.5380	519.2729
814.4310	8	T 7	923.4951	462.2515
943.4736	9	E 6	822.4474	411.7276
1090.5420	10	F 5	693.4048	347.2063
1246.6683	11	K 4	546.3364	273.6721
1360.7113	12	N 3	390.2101	195.6090
1461.7589	13	T 2	276.1672	138.5875
	14	R 1	175.1195	88.0637

N-term:+29.04 K(11):+156.13

SLAEPKPEAPKVGILGSGDFAR, MH+ 2343.4137, m/z 586.6089
 H OS G27 P150811 220811-s1.06389.06389.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

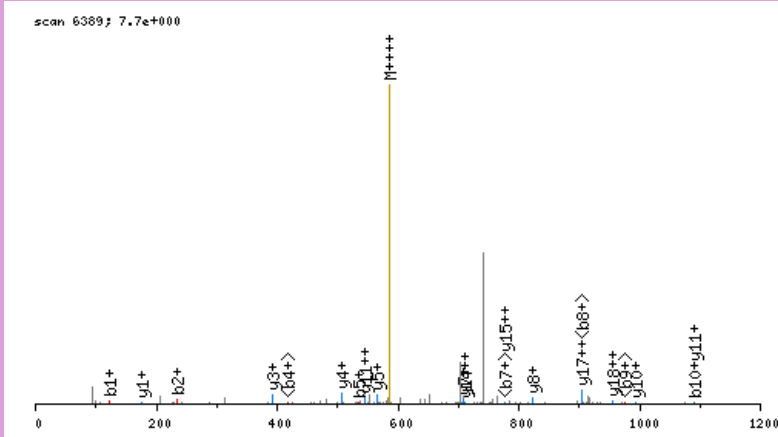
y + 2+ 3+

z + 2+ 3+

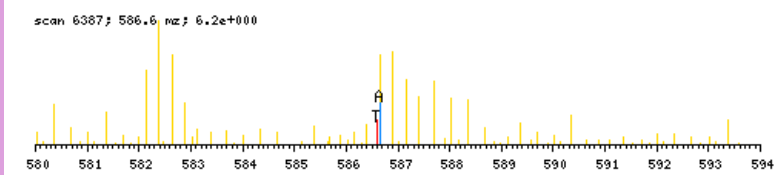
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



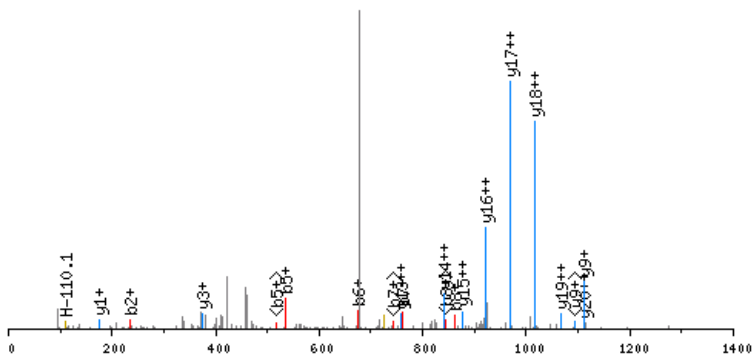
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
122.1029	1	S	22		
235.1870	2	L	21	2222.3186	1111.6632
306.2241	3	A	20	2109.2345	1055.1212
435.2667	4	E	19	2038.1974	1019.6026
534.3351	5	V	18	1909.1548	955.0813
631.3879	6	P	17	1810.0864	905.5471
793.5460	7	K	16	1713.0336	857.0207
922.5886	8	E	15	1550.8755	775.9417
993.6257	9	A	14	1421.8329	711.4204
1090.6784	10	P	13	1350.7958	675.9018
1252.8365	11	K	12	1253.7430	627.3754
1351.9050	12	V	11	1091.5849	546.2964
1408.9264	13	G	10	992.5165	496.7622
1522.0105	14	I	9	935.4951	468.2514
1635.0946	15	L	8	822.4110	411.7094
1692.1160	16	G	7	709.3269	355.1674
1779.1480	17	S	6	652.3055	326.6566
1836.1695	18	G	5	565.2734	283.1406
1951.1965	19	D	4	508.2520	254.6299
2098.2649	20	F	3	393.2250	197.1164
2169.3020	21	A	2	246.1566	123.5822
	22	R	1	175.1195	88.0637

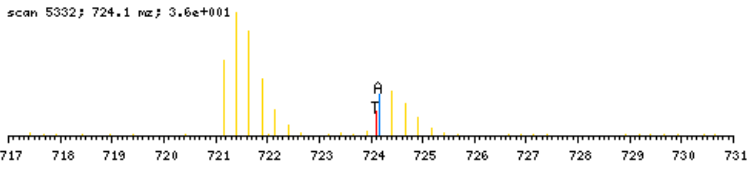
N-term:+35.07 K(7):+162.16
 K(11):+162.16

SLEGDHSTPPSAYGSVKPYTNFDAER, MH+ 2893.4281, m/z 724.1125
 H OS G27 P150811 220811-s1.05333.05333.4.dta

scan 5333; 2.8e+000



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 26		
235.1870	2	L 25	2772.3330	1386.6704
364.2296	3	E 24	2659.2489	1330.1284
421.2510	4	G 23	2530.2063	1265.6071
536.2780	5	D 22	2473.1848	1237.0963
673.3369	6	H 21	2358.1579	1179.5829
760.3689	7	S 20	2221.0990	1111.0534
861.4166	8	T 19	2134.0669	1067.5374
958.4694	9	P 18	2033.0193	1017.0135
1055.5221	10	P 17	1935.9665	968.4872
1142.5542	11	S 16	1838.9137	919.9608
1213.5913	12	A 15	1751.8817	876.4448
1376.6546	13	Y 14	1680.8446	840.9262
1433.6761	14	G 13	1517.7813	759.3945
1520.7081	15	S 12	1460.7598	730.8838
1619.7765	16	V 11	1373.7278	687.3678
1781.9346	17	K 10	1274.6594	637.8336
1878.9874	18	P 9	1112.5013	556.7545
2042.0507	19	Y 8	1015.4485	508.2282
2143.0984	20	T 7	852.3852	426.6965
2257.1413	21	N 6	751.3375	376.1727
2404.2097	22	F 5	637.2946	319.1512
2519.2367	23	D 4	490.2262	245.6170
2590.2738	24	A 3	375.1992	188.1035
2719.3164	25	E 2	304.1621	152.5850
	26	R 1	175.1195	88.0637

N-term:+35.07 K(17) :+162.16

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

SLEKSYELPDGQVITIGNER, MH+ 2316.2723, m/z 579.8235
 H OS G26 P150811 220811-s1.06159.06159.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

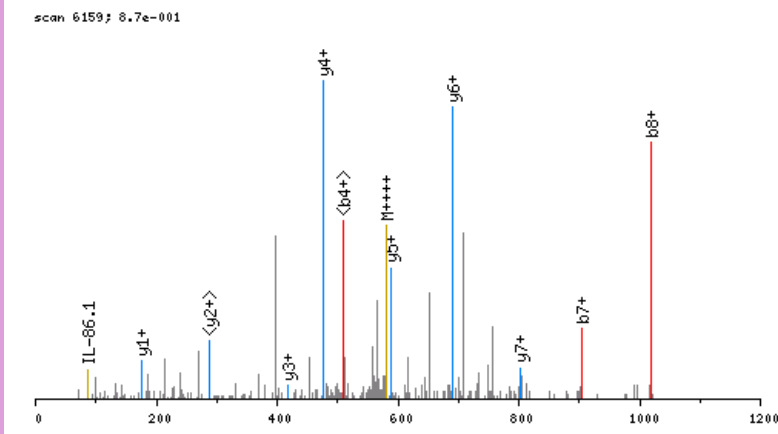
y + 2+ 3+

z + 2+ 3+

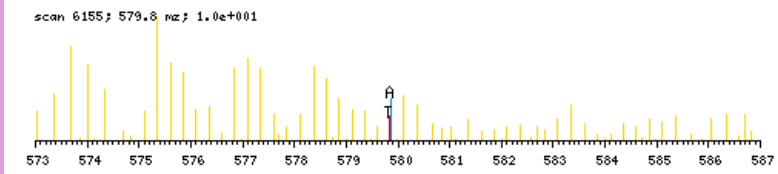
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



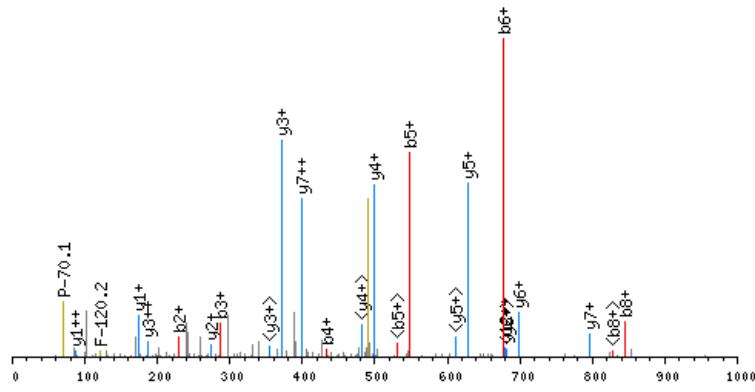
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
122.1029	1	S	20		
235.1870	2	L	19	2195.1772	1098.0925
364.2296	3	E	18	2082.0932	1041.5505
526.3877	4	K	17	1953.0506	977.0292
613.4197	5	S	16	1790.8925	895.9501
776.4830	6	Y	15	1703.8604	852.4341
905.5256	7	E	14	1540.7971	770.9025
1018.6097	8	L	13	1411.7545	706.3812
1115.6625	9	P	12	1298.6705	649.8391
1230.6894	10	D	11	1201.6177	601.3128
1287.7109	11	G	10	1086.5907	543.7993
1415.7694	12	Q	9	1029.5693	515.2886
1514.8379	13	V	8	901.5107	451.2593
1627.9219	14	I	7	802.4423	401.7251
1728.9696	15	T	6	689.3582	345.1830
1842.0537	16	I	5	588.3105	294.6592
1899.0751	17	G	4	475.2265	238.1172
2013.1181	18	N	3	418.2050	209.6064
2142.1607	19	E	2	304.1621	152.5850
	20	R	1	175.1195	88.0637

N-term:+35.07 K(4):+162.16

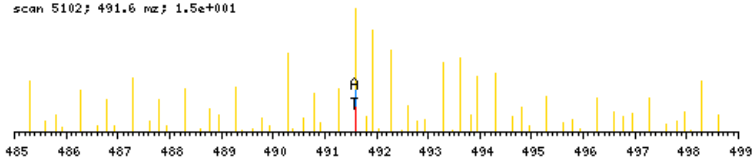
SLGFDEPAEQPVR, MH+ 1472.7385, m/z 491.5844
 L OS G25 P150811 220811-s1.05106.05106.3.dta

scan 5106; 1.8e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5102; 491.6 m/z; 1.5e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 13		
229.1552	2	L 12	1357.6752	679.3415
286.1767	3	G 11	1244.5911	622.7995
433.2451	4	F 10	1187.5697	594.2888
548.2720	5	D 9	1040.5013	520.7545
677.3146	6	E 8	925.4743	463.2411
774.3674	7	P 7	796.4317	398.7198
845.4045	8	A 6	699.3790	350.1934
974.4471	9	E 5	628.3418	314.6748
1102.5057	10	Q 4	499.2993	250.1535
1199.5584	11	P 3	371.2407	186.1243
1298.6268	12	V 2	274.1879	137.5979
	13	R 1	175.1195	88.0637

N-term:+29.04

SLGGGTGSGMGTLLISKIR, MH+ 1861.0581, m/z 621.0242
 L OS G26 P150811 220811-s1.05872.05872.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

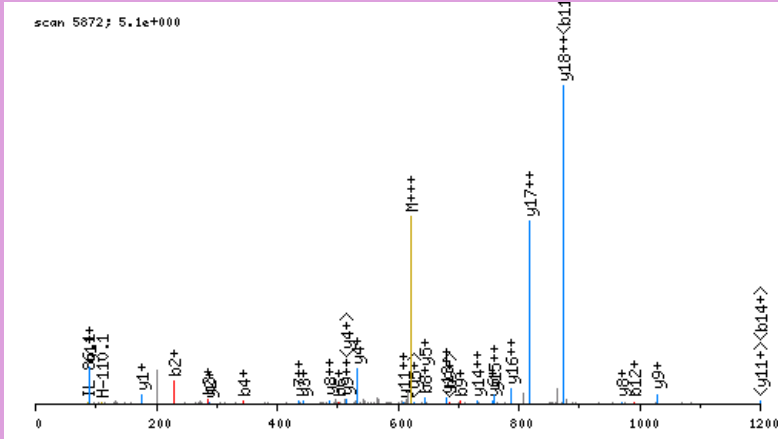
y + 2+ 3+

z + 2+ 3+

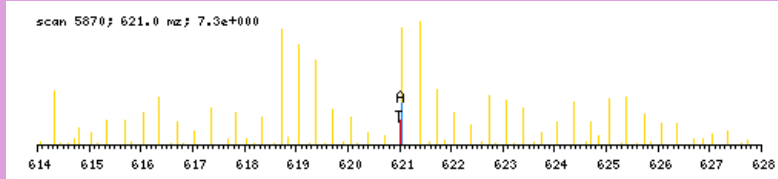
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 19		
229.1552	2	L 18	1745.9948	873.5013
286.1767	3	G 17	1632.9107	816.9593
343.1981	4	G 16	1575.8893	788.4485
400.2196	5	G 15	1518.8678	759.9378
501.2673	6	T 14	1461.8463	731.4271
558.2887	7	G 13	1360.7987	680.9032
645.3208	8	S 12	1303.7772	652.3925
702.3422	9	G 11	1216.7452	608.8765
833.3827	10	M 10	1159.7237	580.3658
890.4042	11	G 9	1028.6832	514.8455
991.4518	12	T 8	971.6618	486.3348
1104.5359	13	L 7	870.6141	435.8110
1217.6200	14	L 6	757.5300	379.2689
1330.7040	15	I 5	644.4460	322.7269
1417.7361	16	S 4	531.3619	266.1849
1573.8624	17	K 3	444.3299	222.6688
1686.9464	18	I 2	288.2036	144.6057
	19	R 1	175.1195	88.0637

N-term:+29.04 K(17):+156.13

SLGGKATTASQAKAVLSAEKLR, MH+ 2299.3714, m/z 575.5983
 L OS G28 P150811 220811-s1.04747.04747.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

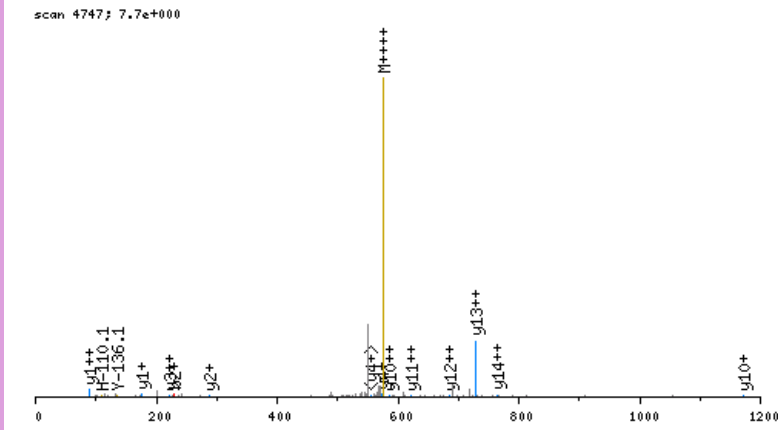
y + 2+ 3+

z + 2+ 3+

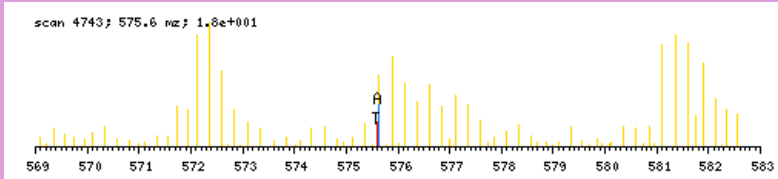
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	22		
229.1552	2	L	21	2184.3081	1092.6580
286.1767	3	G	20	2071.2240	1036.1159
343.1981	4	G	19	2014.2026	1007.6052
499.3244	5	K	18	1957.1811	979.0945
570.3615	6	A	17	1801.0548	901.0313
671.4092	7	T	16	1730.0177	865.5128
772.4569	8	T	15	1628.9700	814.9889
843.4940	9	A	14	1527.9223	764.4651
930.5260	10	S	13	1456.8852	728.9465
1058.5846	11	Q	12	1369.8532	685.4305
1129.6217	12	A	11	1241.7946	621.4012
1285.7480	13	K	10	1170.7575	585.8827
1356.7851	14	A	9	1014.6312	507.8195
1455.8536	15	V	8	943.5941	472.3010
1568.9376	16	L	7	844.5257	422.7667
1655.9696	17	S	6	731.4416	366.2247
1727.0068	18	A	5	644.4096	322.7087
1856.0494	19	E	4	573.3725	287.1901
2012.1757	20	K	3	444.3299	222.6688
2125.2597	21	L	2	288.2036	144.6057
	22	R	1	175.1195	88.0637

N-term:+29.04 K(5):+156.13
 K(13):+156.13 K(20):+156.13

SLHLGVTSPVLR, MH+ 1306.7847, m/z 436.2664
 L OS G27 P150811 220811-s1.05661.05661.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

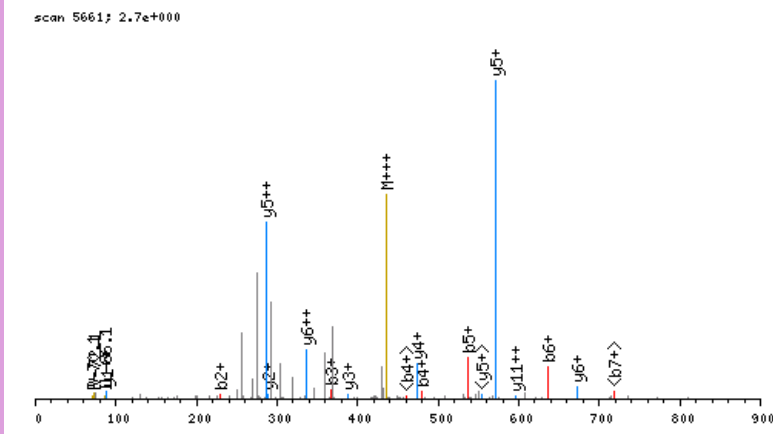
y + 2+ 3+

z + 2+ 3+

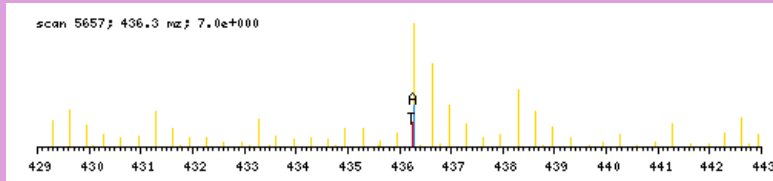
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 12		
229.1552	2	L 11	1191.7214	596.3646
366.2141	3	H 10	1078.6373	539.8226
479.2982	4	L 9	941.5784	471.2931
536.3196	5	G 8	828.4943	414.7511
635.3880	6	V 7	771.4729	386.2403
736.4357	7	T 6	672.4044	336.7061
833.4885	8	P 5	571.3568	286.1823
920.5205	9	S 4	474.3040	237.6559
1019.5889	10	V 3	387.2720	194.1399
1132.6730	11	L 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+29.04

SLHSIGKIGGAQNR, MH+ 1493.8552, m/z 374.2193
 L OS G28 P150811 220811-s1.02519.02519.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

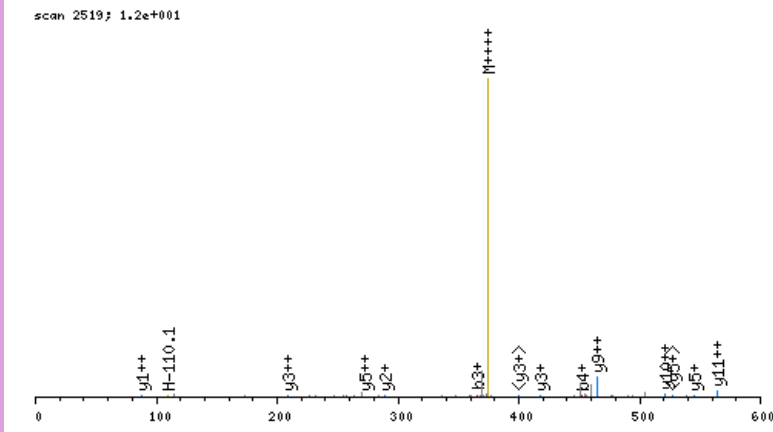
y + 2+ 3+

z + 2+ 3+

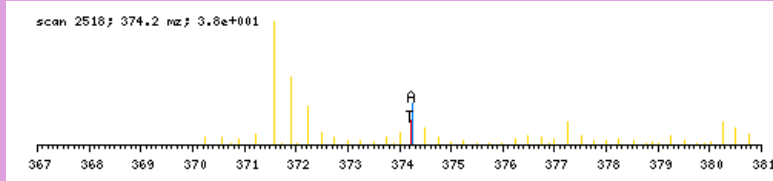
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 14		
229.1552	2	L 13	1378.7919	689.8999
366.2141	3	H 12	1265.7079	633.3579
453.2461	4	S 11	1128.6490	564.8284
566.3302	5	I 10	1041.6169	521.3124
623.3517	6	G 9	928.5329	464.7703
779.4780	7	K 8	871.5114	436.2596
892.5620	8	I 7	715.3851	358.1965
949.5835	9	G 6	602.3010	301.6544
1006.6050	10	G 5	545.2796	273.1437
1077.6421	11	A 4	488.2581	244.6330
1205.7006	12	Q 3	417.2210	209.1144
1319.7436	13	N 2	289.1624	145.0851
	14	R 1	175.1195	88.0637

N-term:+29.04 K(7):+156.13

SLHTLFGDKLCAIPNLR, MH+ 2011.1162, m/z 503.5345
 L OS G28 P150811 220811-s1.08699.08699.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

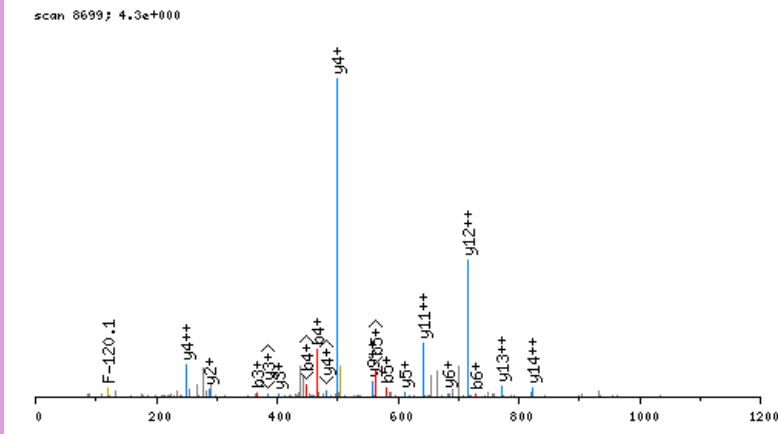
y + 2+ 3+

z + 2+ 3+

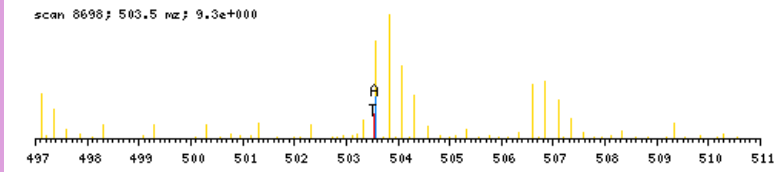
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	17		
229.1552	2	L	16	1896.0529	948.5304
366.2141	3	H	15	1782.9689	891.9883
467.2618	4	T	14	1645.9100	823.4589
580.3458	5	L	13	1544.8623	772.9351
727.4143	6	F	12	1431.7782	716.3930
784.4357	7	G	11	1284.7098	642.8588
899.4627	8	D	10	1227.6883	614.3481
1055.5890	9	K	9	1112.6614	556.8346
1168.6730	10	L	8	956.5351	478.7715
1328.7036	11	C	7	843.4510	422.2294
1399.7407	12	A	6	683.4204	342.2141
1512.8248	13	I	5	612.3833	306.6956
1609.8776	14	P	4	499.2993	250.1535
1723.9205	15	N	3	402.2465	201.6272
1837.0046	16	L	2	288.2036	144.6057
	17	R	1	175.1195	88.0637

N-term:+29.04 K(9):+156.13
 C(11):+160.03

SLKGVVPEDAVETLAGSLGTR, MH+ 2155.1974, m/z 719.0707
 L OS G26 P150811 220811-s1.06767.06767.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

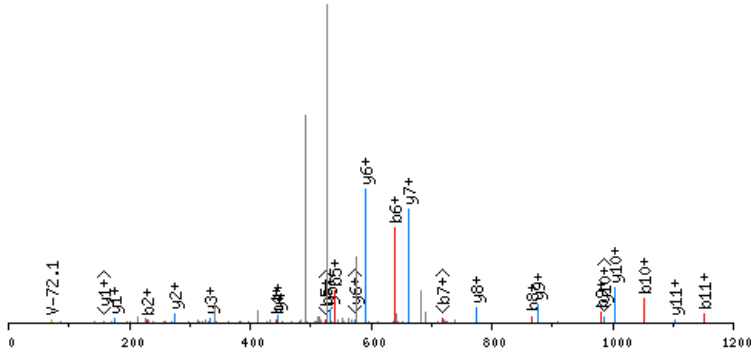
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

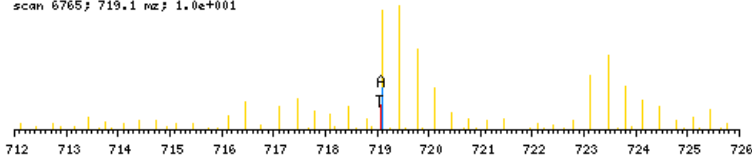
GO

scan 6767; 4.7e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6765; 719.1 m/z; 1.0e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 21		
229.1552	2	L 20	2040.1341	1020.5710
385.2815	3	K 19	1927.0501	964.0289
442.3030	4	G 18	1770.9238	885.9658
541.3714	5	V 17	1713.9023	857.4551
640.4398	6	V 16	1614.8339	807.9209
737.4925	7	P 15	1515.7655	758.3867
866.5351	8	E 14	1418.7127	709.8603
981.5621	9	D 13	1289.6701	645.3390
1052.5992	10	A 12	1174.6432	587.8255
1151.6676	11	V 11	1103.6061	552.3069
1280.7102	12	E 10	1004.5376	502.7727
1381.7579	13	T 9	875.4951	438.2514
1494.8419	14	L 8	774.4474	387.7276
1565.8791	15	A 7	661.3633	331.1856
1622.9005	16	G 6	590.3262	295.6670
1709.9326	17	S 5	533.3047	267.1563
1823.0166	18	L 4	446.2727	223.6403
1880.0381	19	G 3	333.1886	167.0982
1981.0858	20	T 2	276.1672	138.5875
	21	R 1	175.1195	88.0637

N-term:+29.04 K(3):+156.13

SLLPASLLDHR, MH+ 1249.7268, m/z 417.2471
 L OS G27 P150811 220811-s1.06469.06469.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

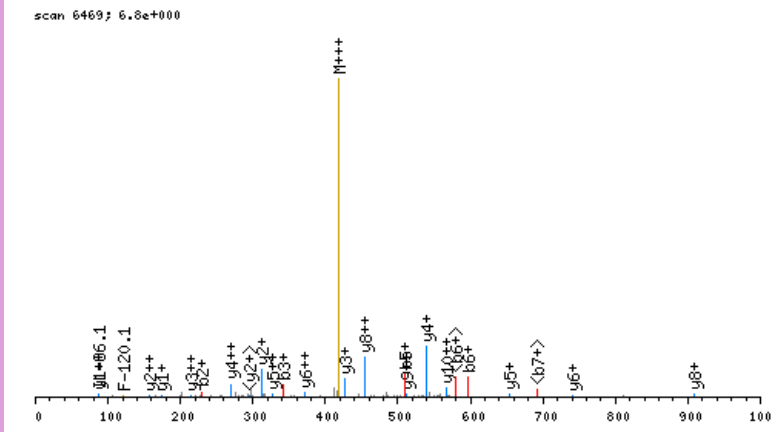
y + 2+ 3+

z + 2+ 3+

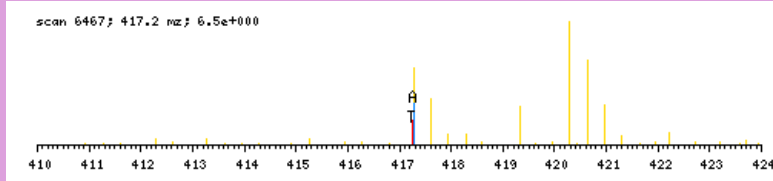
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

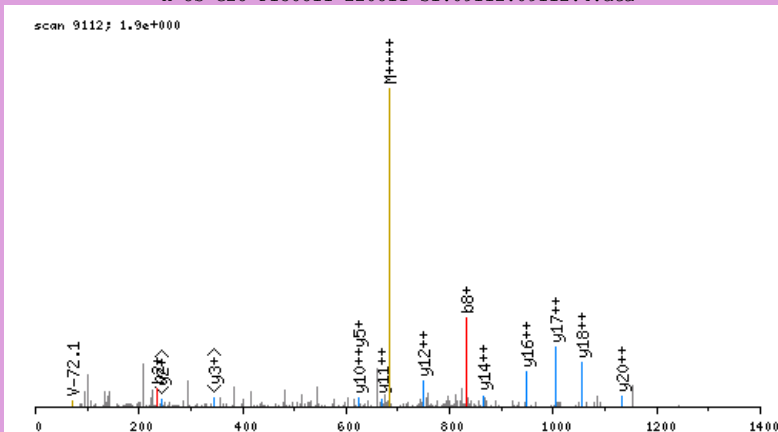


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

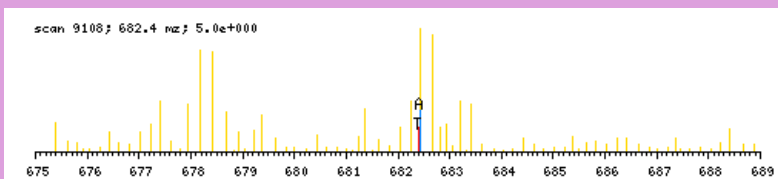
b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 11		
229.1552	2	L 10	1134.6635	567.8357
342.2393	3	L 9	1021.5795	511.2936
439.2920	4	P 8	908.4954	454.7516
510.3291	5	A 7	811.4426	406.2252
597.3612	6	S 6	740.4055	370.7067
710.4452	7	L 5	653.3735	327.1907
823.5293	8	L 4	540.2894	270.6486
938.5562	9	D 3	427.2054	214.1066
1075.6151	10	H 2	312.1784	156.5931
	11	R 1	175.1195	88.0637

N-term:+29.04

SLPEGVVDGIEVYSTKISKVTSR, MH+ 2726.5498, m/z 682.3929
 H OS G28 P150811 220811-s1.09112.09112.4.dta



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

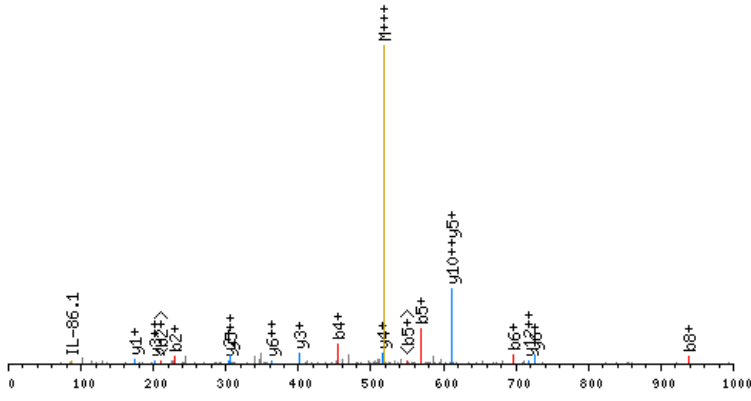
GO

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 24		
235.1870	2	L 23	2605.4547	1303.2313
332.2398	3	P 22	2492.3707	1246.6893
461.2823	4	E 21	2395.3179	1198.1629
518.3038	5	G 20	2266.2753	1133.6416
617.3722	6	V 19	2209.2539	1105.1308
716.4406	7	V 18	2110.1854	1055.5966
831.4676	8	D 17	2011.1170	1006.0624
888.4890	9	G 16	1896.0901	948.5490
1001.5731	10	I 15	1839.0686	920.0382
1130.6157	11	E 14	1725.9846	863.4962
1229.6841	12	V 13	1596.9420	798.9749
1392.7474	13	Y 12	1497.8735	749.4407
1479.7795	14	S 11	1334.8102	667.9090
1580.8272	15	T 10	1247.7782	624.3930
1742.9853	16	K 9	1146.7305	573.8692
1856.0693	17	I 8	984.5724	492.7901
1943.1013	18	S 7	871.4884	436.2481
2103.1319	19	C 6	784.4563	392.7321
2265.2900	20	K 5	624.4257	312.7168
2364.3585	21	V 4	462.2676	231.6377
2465.4061	22	T 3	363.1992	182.1035
2552.4382	23	S 2	262.1515	131.5797
	24	R 1	175.1195	88.0637

N-term:+35.07 K(16):+162.16
 C(19):+160.03 K(20):+162.16

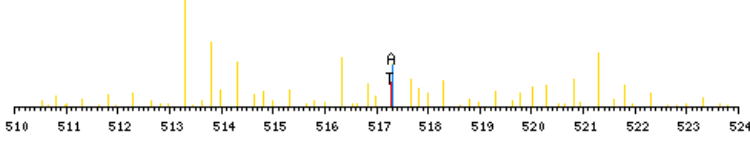
SLPELQQNPLVQR, MH+ 1549.8702, m/z 517.2949
 L OS G25 P150811 220811-s1.06596.06596.3.dta

scan 6596; 6.7e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6592; 517.3 m/z; 2.3e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 13		
229.1552	2	L 12	1434.8069	717.9074
326.2080	3	P 11	1321.7228	661.3653
455.2505	4	E 10	1224.6701	612.8389
568.3346	5	L 9	1095.6275	548.3176
696.3932	6	Q 8	982.5434	491.7756
824.4518	7	Q 7	854.4848	427.7463
938.4947	8	N 6	726.4262	363.7170
1035.5475	9	P 5	612.3833	306.6956
1148.6315	10	L 4	515.3306	258.1692
1247.6999	11	V 3	402.2465	201.6272
1375.7585	12	Q 2	303.1781	152.0930
	13	R 1	175.1195	88.0637

N-term:+29.04

SLPGNYLVPIYSGR, MH+ 1569.8853, m/z 785.4463
 H OS G25 P150811 220811-s1.07626.07626.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

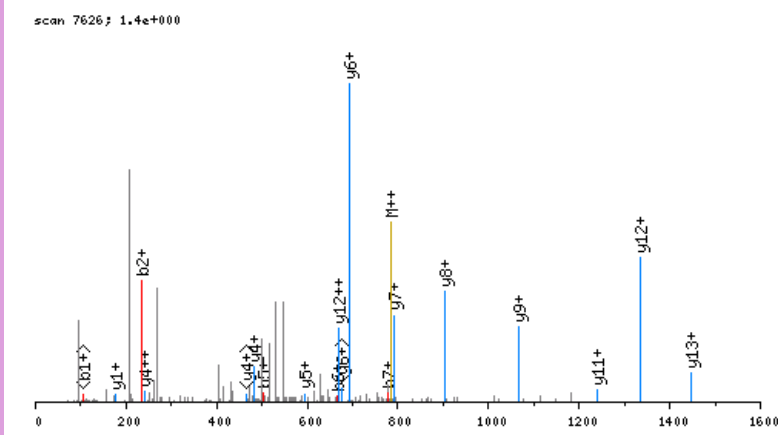
y + 2+ 3+

z + 2+ 3+

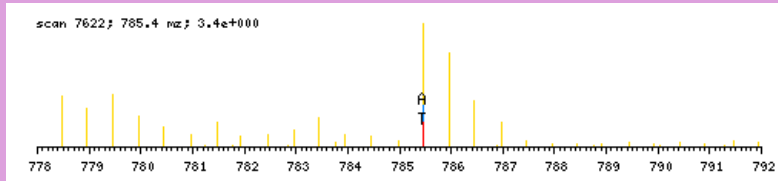
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



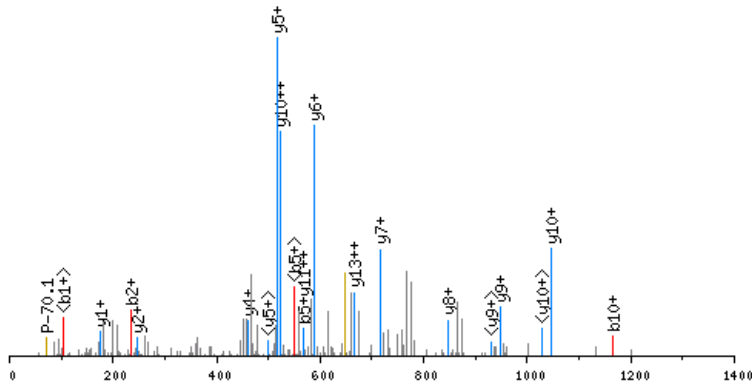
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 14		
235.1870	2	L 13	1448.7902	724.8990
332.2398	3	P 12	1335.7061	668.3570
389.2612	4	G 11	1238.6533	619.8306
503.3041	5	N 10	1181.6319	591.3199
666.3675	6	Y 9	1067.5890	534.2984
779.4515	7	L 8	904.5256	452.7667
878.5200	8	V 7	791.4416	396.2247
975.5727	9	P 6	692.3731	346.6905
1088.6568	10	I 5	595.3204	298.1641
1251.7201	11	Y 4	482.2363	241.6221
1338.7521	12	S 3	319.1730	160.0904
1395.7736	13	G 2	232.1410	116.5744
	14	R 1	175.1195	88.0637

N-term:+35.07

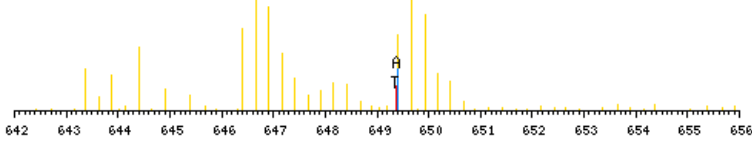
SLPPHQKVLPLSLPTMQAGTIAR, MH+ 2594.5129, m/z 649.3837
 H OS G27 P150811 220811-s1.06120.06120.4.dta

scan 6120; 1.3e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 6117; 649.4 nz; 4.3e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

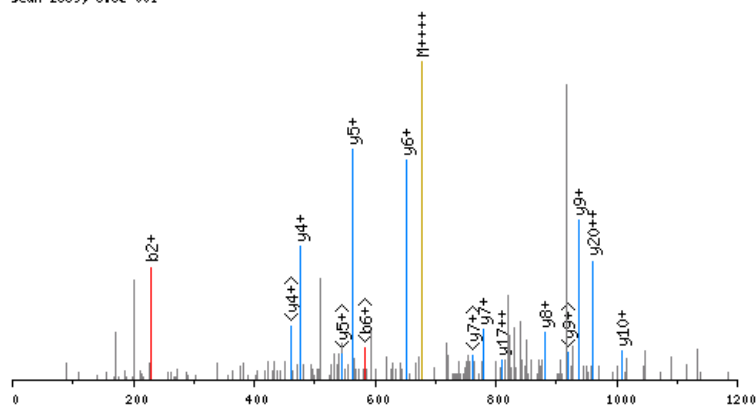
GO

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 24		
235.1870	2	L 23	2473.4177	1237.2128
332.2398	3	P 22	2360.3337	1180.6708
429.2925	4	P 21	2263.2809	1132.1444
566.3514	5	H 20	2166.2282	1083.6180
694.4100	6	Q 19	2029.1692	1015.0885
856.5681	7	K 18	1901.1107	951.0592
955.6365	8	V 17	1738.9526	869.9802
1052.6893	9	P 16	1639.8842	820.4460
1165.7734	10	L 15	1542.8314	771.9196
1262.8261	11	P 14	1429.7473	715.3776
1349.8581	12	S 13	1332.6946	666.8512
1462.9422	13	L 12	1245.6625	623.3352
1549.9742	14	S 11	1132.5785	566.7931
1647.0270	15	P 10	1045.5464	523.2771
1748.0747	16	T 9	948.4937	474.7508
1879.1152	17	M 8	847.4460	424.2269
2007.1737	18	Q 7	716.4055	358.7067
2078.2109	19	A 6	588.3469	294.6774
2135.2323	20	G 5	517.3098	259.1588
2236.2800	21	T 4	460.2884	230.6481
2349.3641	22	I 3	359.2407	180.1243
2420.4012	23	A 2	246.1566	123.5822
	24	R 1	175.1195	88.0637

N-term:+35.07 K(7):+162.16

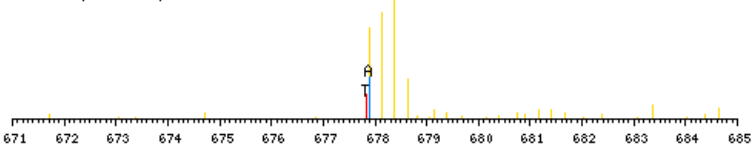
SLPSSTSTAAKTPPGSSSAGTQSSTSNR, MH+ 2708.3339, m/z 677.8389
 L_OS_G26_P150811_220811-s1.02369.02369.4.dta

scan 2369; 5.3e-001



click image to zoom in; click top corners to zoom out [precursor±]

scan 2365; 677.8 mz; 1.5e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 28		
229.1552	2	L 27	2593.2706	1297.1392
326.2080	3	P 26	2480.1865	1240.5972
413.2400	4	S 25	2383.1338	1192.0708
500.2720	5	S 24	2296.1017	1148.5548
601.3197	6	T 23	2209.0697	1105.0388
688.3517	7	S 22	2108.0220	1054.5149
789.3994	8	T 21	2020.9900	1010.9989
860.4365	9	A 20	1919.9423	960.4751
931.4736	10	A 19	1848.9052	924.9565
1087.5999	11	K 18	1777.8681	889.4380
1188.6476	12	T 17	1621.7418	811.3748
1285.7004	13	P 16	1520.6941	760.8510
1382.7531	14	P 15	1423.6413	712.3246
1439.7746	15	G 14	1326.5886	663.7982
1526.8066	16	S 13	1269.5671	635.2875
1613.8387	17	S 12	1182.5351	591.7715
1700.8707	18	S 11	1095.5031	548.2554
1771.9078	19	A 10	1008.4710	504.7394
1828.9293	20	G 9	937.4339	469.2209
1929.9769	21	T 8	880.4124	440.7101
2058.0355	22	Q 7	779.3648	390.1863
2145.0675	23	S 6	651.3062	326.1570
2232.0996	24	S 5	564.2742	282.6410
2333.1473	25	T 4	477.2421	239.1250
2420.1793	26	S 3	376.1945	188.6011
2534.2222	27	N 2	289.1624	145.0851
	28	R 1	175.1195	88.0637

N-term:+29.04 K(11):+156.13

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

SLSKLGDVYVNDAFGTAHR, MH+ 2106.0984, m/z 527.2801
L OS G28 P150811 220811-s1.07200.07200.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

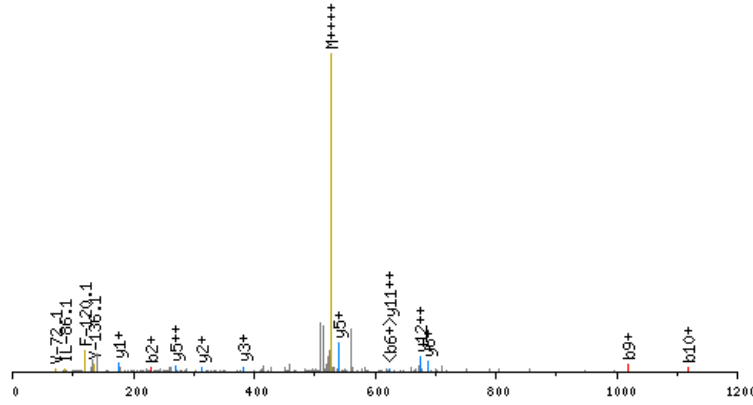
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

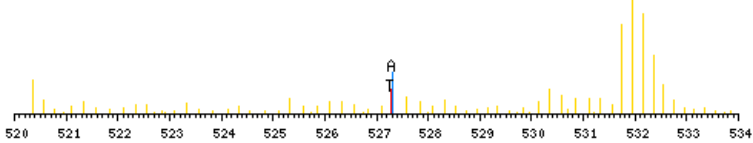
GO

scan 7200; 4.0e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 7198; 527.3 m/z; 4.4e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 19		
229.1552	2	L 18	1991.0351	996.0215
316.1872	3	S 17	1877.9510	939.4794
472.3135	4	K 16	1790.9190	895.9634
585.3976	5	L 15	1634.7927	817.9003
642.4190	6	G 14	1521.7086	761.3582
757.4460	7	D 13	1464.6872	732.8475
856.5144	8	V 12	1349.6602	675.3340
1019.5777	9	Y 11	1250.5918	625.7998
1118.6461	10	V 10	1087.5285	544.2682
1232.6891	11	N 9	988.4601	494.7339
1347.7160	12	D 8	874.4171	437.7125
1418.7531	13	A 7	759.3902	380.1990
1565.8215	14	F 6	688.3531	344.6805
1622.8430	15	G 5	541.2847	271.1462
1723.8907	16	T 4	484.2632	242.6355
1794.9278	17	A 3	383.2155	192.1117
1931.9867	18	H 2	312.1784	156.5931
	19	R 1	175.1195	88.0637

N-term:+29.04 K(4):+156.13

SLTKDLGGNAKCSDFTEEICR, MH+ 2485.2066, m/z 622.0571
 L_OS_G28_P150811_220811-s1.05986.05986.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

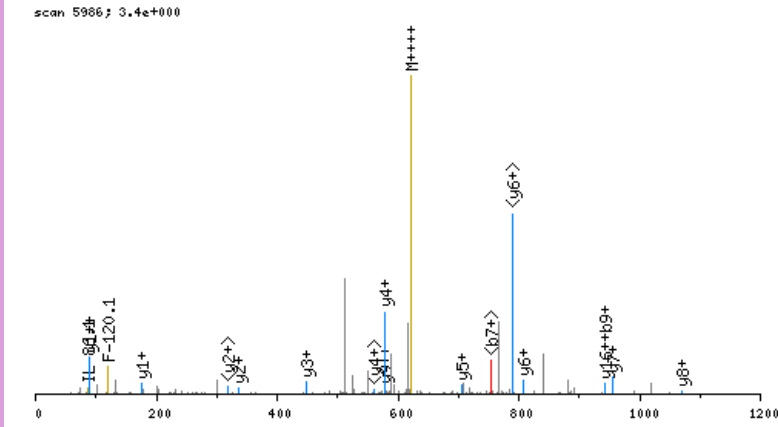
y + 2+ 3+

z + 2+ 3+

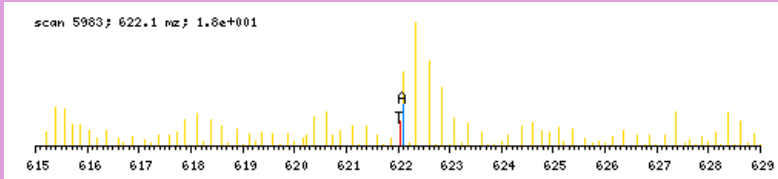
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [[precursor±](#)]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	21		
229.1552	2	L	20	2370.1433	1185.5756
330.2029	3	T	19	2257.0593	1129.0335
486.3292	4	K	18	2156.0116	1078.5097
601.3561	5	D	17	1999.8853	1000.4466
714.4402	6	L	16	1884.8583	942.9331
771.4616	7	G	15	1771.7743	886.3911
828.4831	8	G	14	1714.7528	857.8803
942.5260	9	N	13	1657.7314	829.3696
1013.5631	10	A	12	1543.6884	772.3481
1169.6894	11	K	11	1472.6513	736.8296
1329.7200	12	C	10	1316.5250	658.7664
1416.7521	13	S	9	1156.4944	578.7511
1531.7790	14	D	8	1069.4624	535.2351
1678.8474	15	F	7	954.4354	477.7216
1779.8951	16	T	6	807.3670	404.1874
1908.9377	17	E	5	706.3194	353.6636
2037.9803	18	E	4	577.2768	289.1423
2151.0644	19	I	3	448.2342	224.6210
2311.0950	20	C	2	335.1501	168.0790
	21	R	1	175.1195	88.0637

N-term:+29.04 K(4):+156.13
 K(11):+156.13 C(12):+160.03
 C(20):+160.03

SMPPAQQQITSGQMHR, MH+ 1824.8849, m/z 608.9665
 L OS G26 P150811 220811-s1.02676.02676.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

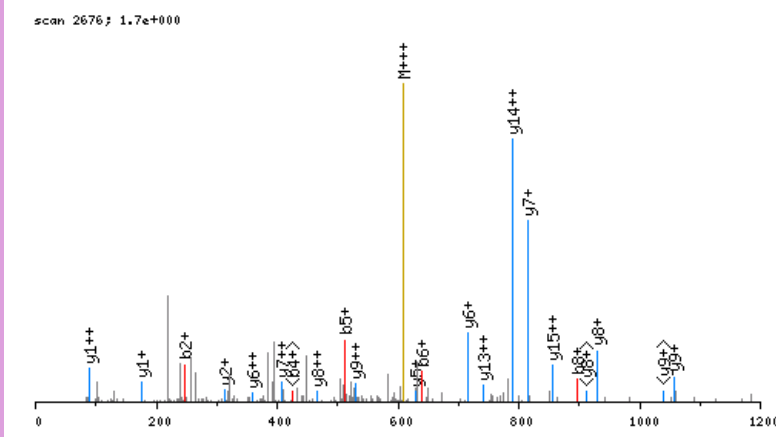
y + 2+ 3+

z + 2+ 3+

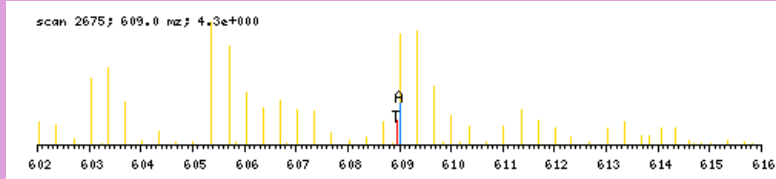
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 16		
247.1116	2	M 15	1709.8216	855.4147
344.1644	3	P 14	1578.7811	789.8945
441.2171	4	P 13	1481.7283	741.3681
512.2543	5	A 12	1384.6756	692.8417
640.3128	6	Q 11	1313.6384	657.3231
768.3714	7	Q 10	1185.5799	593.2938
896.4300	8	Q 9	1057.5213	529.2646
1009.5141	9	I 8	929.4627	465.2353
1110.5617	10	T 7	816.3786	408.6932
1197.5938	11	S 6	715.3310	358.1694
1254.6152	12	G 5	628.2989	314.6534
1382.6738	13	Q 4	571.2775	286.1426
1513.7143	14	M 3	443.2189	222.1134
1650.7732	15	H 2	312.1784	156.5931
	16	R 1	175.1195	88.0637

N-term:+29.04

SNAVSSLASTGLSLTKVDER, MH+ 2091.1297, m/z 697.7148
 L OS G26 P150811 220811-s1.06187.06187.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

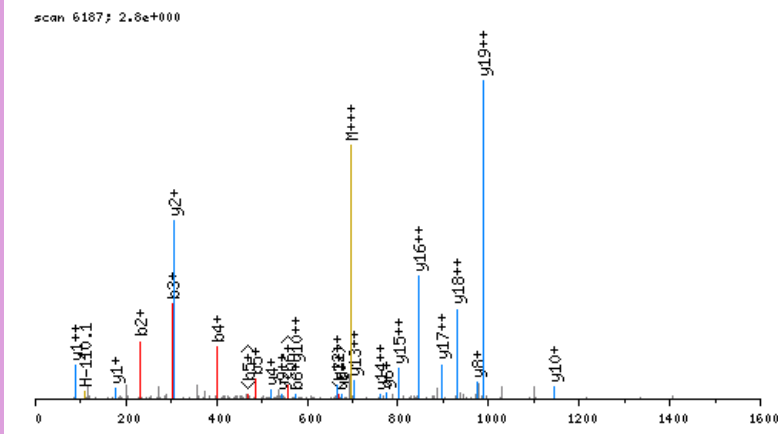
y + 2+ 3+

z + 2+ 3+

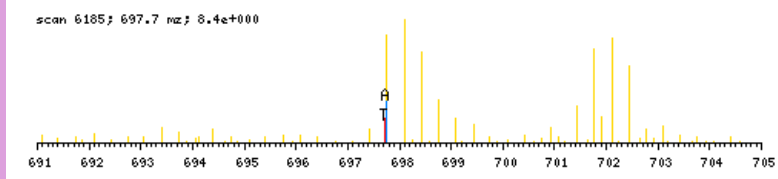
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	20		
230.1141	2	N	19	1976.0664	988.5371
301.1512	3	A	18	1862.0235	931.5157
400.2196	4	V	17	1790.9864	895.9971
487.2516	5	S	16	1691.9180	846.4629
574.2836	6	S	15	1604.8860	802.9469
687.3677	7	L	14	1517.8539	759.4309
758.4048	8	A	13	1404.7699	702.8888
845.4368	9	S	12	1333.7328	667.3703
946.4845	10	T	11	1246.7007	623.8543
1003.5060	11	G	10	1145.6530	573.3304
1116.5901	12	L	9	1088.6316	544.8197
1203.6221	13	S	8	975.5475	488.2777
1316.7061	14	L	7	888.5155	444.7617
1417.7538	15	T	6	775.4314	388.2196
1573.8801	16	K	5	674.3838	337.6958
1672.9485	17	V	4	518.2575	259.6326
1787.9755	18	D	3	419.1890	210.0984
1917.0181	19	E	2	304.1621	152.5850
	20	R	1	175.1195	88.0637

N-term:+29.04 K(16);+156.13

SNEEIAMATVTALR, MH+ 1533.7946, m/z 511.9364
 L OS G25 P150811 220811-s1.06919.06919.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

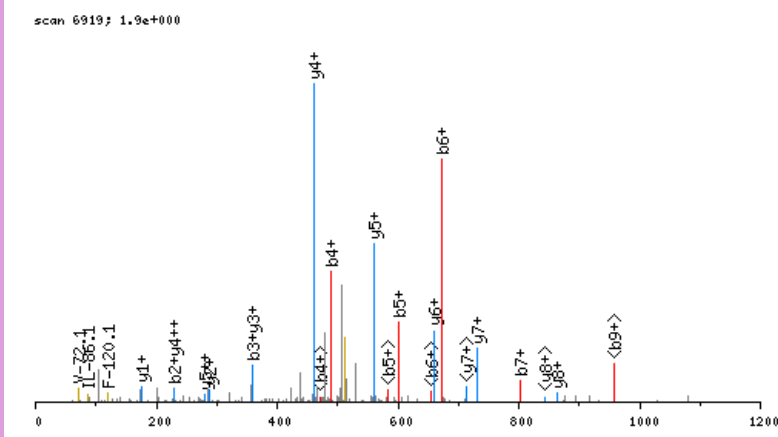
y + 2+ 3+

z + 2+ 3+

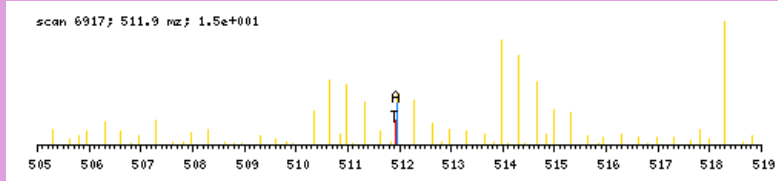
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



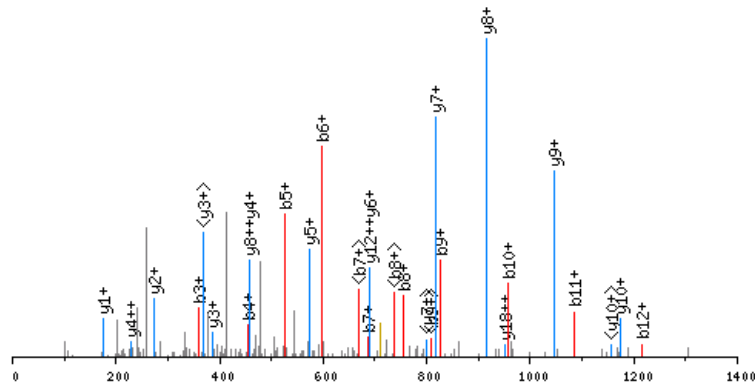
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 14		
230.1141	2	N 13	1418.7313	709.8696
359.1566	3	E 12	1304.6884	652.8481
488.1992	4	E 11	1175.6458	588.3268
601.2833	5	I 10	1046.6032	523.8055
672.3204	6	A 9	933.5192	467.2635
803.3609	7	M 8	862.4820	431.7449
874.3980	8	A 7	731.4416	366.2247
975.4457	9	T 6	660.4044	330.7061
1074.5141	10	V 5	559.3568	280.1823
1175.5618	11	T 4	460.2884	230.6481
1246.5989	12	A 3	359.2407	180.1243
1359.6830	13	L 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+29.04

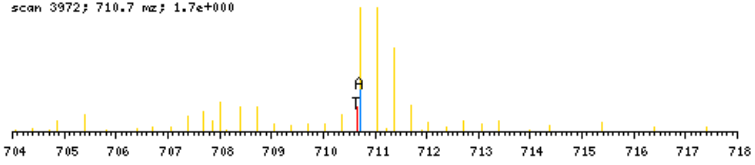
SNEPAASAAEEVEEDDALVR, MH+ 2129.9838, m/z 710.6661
 L OS G24 P150811 220811-s1.03975.03975.3.dta

scan 3975; 9.6e-001



click image to zoom in; click top corners to zoom out [precursor±]

scan 3972; 710.7 mz; 1.7e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 20		
230.1141	2	N 19	2014.9205	1007.9642
359.1566	3	E 18	1900.8776	950.9427
456.2094	4	P 17	1771.8350	886.4214
527.2465	5	A 16	1674.7822	837.8950
598.2836	6	A 15	1603.7451	802.3765
685.3157	7	S 14	1532.7080	766.8579
756.3528	8	A 13	1445.6760	723.3419
827.3899	9	A 12	1374.6389	687.8234
956.4325	10	E 11	1303.6018	652.3048
1085.4751	11	E 10	1174.5592	587.7835
1214.5177	12	E 9	1045.5166	523.2622
1313.5861	13	V 8	916.4740	458.7409
1442.6287	14	E 7	817.4056	409.2067
1557.6556	15	D 6	688.3630	344.6854
1672.6826	16	D 5	573.3360	287.1719
1743.7197	17	A 4	458.3091	229.6585
1856.8037	18	L 3	387.2720	194.1399
1955.8722	19	V 2	274.1879	137.5979
	20	R 1	175.1195	88.0637

N-term:+29.04

SNIEANEESEVVR, MH+ 1404.6607, m/z 702.8340
 L OS G25 P150811 220811-s1.02343.02343.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

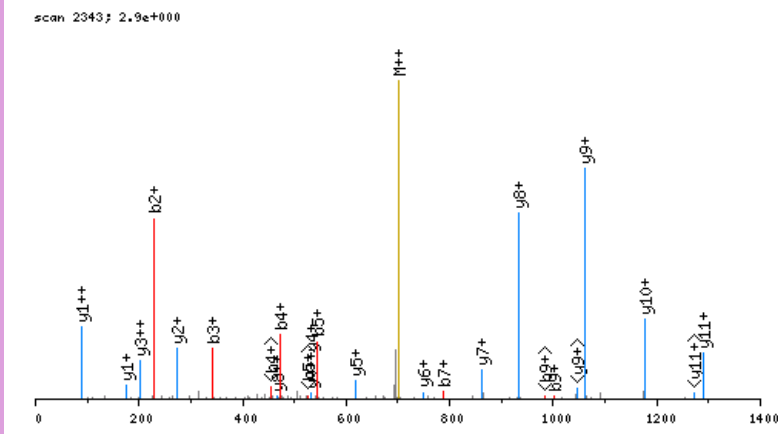
y + 2+ 3+

z + 2+ 3+

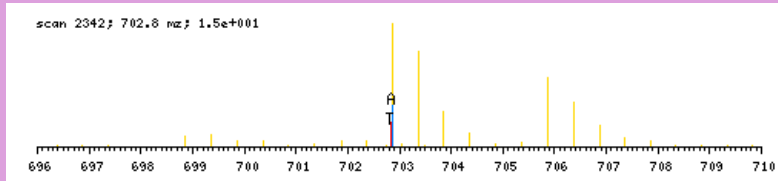
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 12		
230.1141	2	N 11	1289.5973	645.3026
343.1981	3	I 10	1175.5544	588.2811
472.2407	4	E 9	1062.4704	531.7391
543.2778	5	A 8	933.4278	467.2178
657.3208	6	N 7	862.3907	431.6992
786.3633	7	E 6	748.3477	374.6778
873.3954	8	S 5	619.3051	310.1565
1002.4380	9	E 4	532.2731	266.6405
1131.4806	10	E 3	403.2305	202.1192
1230.5490	11	V 2	274.1879	137.5979
	12	R 1	175.1195	88.0637

N-term:+29.04

SNISAAKAVADAIR, MH+ 1442.8331, m/z 481.6159
 L OS G27 P150811 220811-s1.05288.05288.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

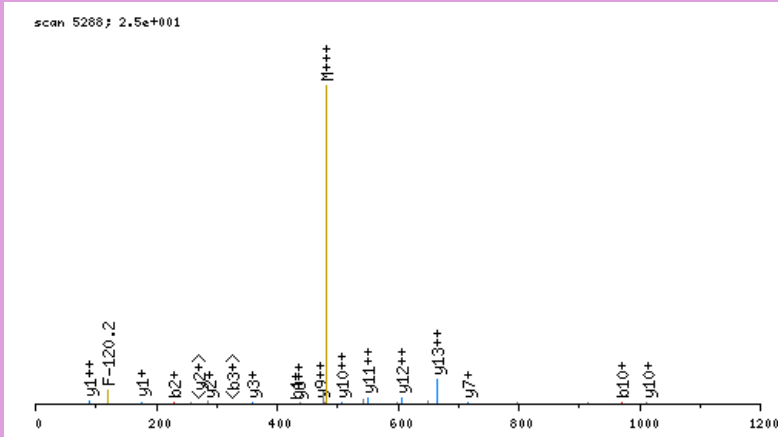
y + 2+ 3+

z + 2+ 3+

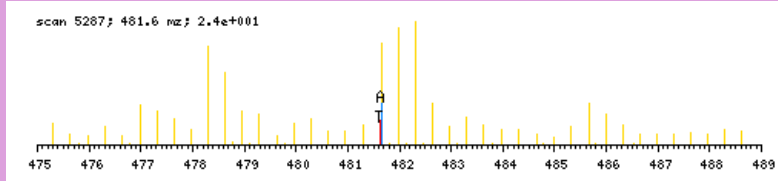
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



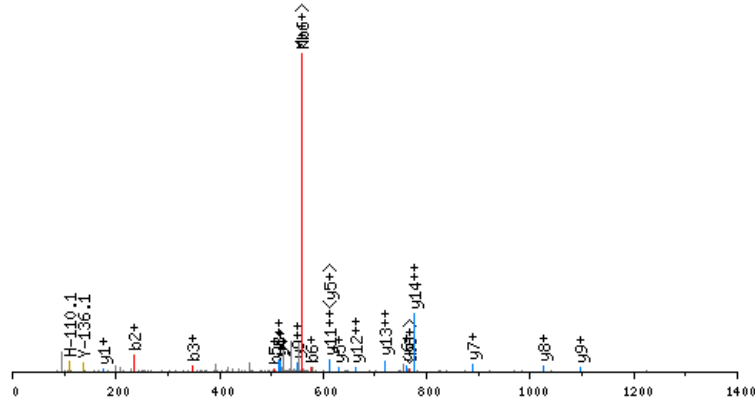
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 14		
230.1141	2	N 13	1327.7698	664.3888
343.1981	3	I 12	1213.7269	607.3674
430.2301	4	S 11	1100.6428	550.8253
501.2673	5	A 10	1013.6108	507.3093
572.3044	6	A 9	942.5737	471.7908
728.4307	7	K 8	871.5366	436.2722
799.4678	8	A 7	715.4103	358.2090
898.5362	9	V 6	644.3731	322.6905
969.5733	10	A 5	545.3047	273.1563
1084.6003	11	D 4	474.2676	237.6377
1155.6374	12	A 3	359.2407	180.1243
1268.7214	13	I 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+29.04 K(7):+156.13

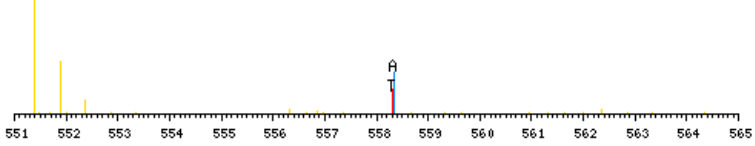
SNLVGAAHEELQQSR, MH+ 1672.8830, m/z 558.2992
 H OS G27 P150811 220811-s1.04029.04029.3.dta

scan 4029; 5.4e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4027; 558.3 m/z; 3.0e+002



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

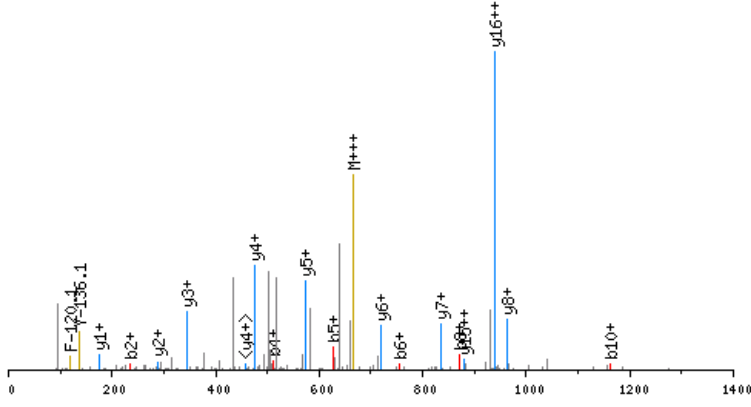
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
122.1029	1	S	15		
236.1459	2	N	14	1551.7879	776.3979
349.2299	3	L	13	1437.7450	719.3764
448.2983	4	V	12	1324.6610	662.8344
505.3198	5	G	11	1225.5925	613.3002
576.3569	6	A	10	1168.5711	584.7894
647.3940	7	A	9	1097.5340	549.2709
784.4529	8	H	8	1026.4968	513.7523
913.4955	9	E	7	889.4379	445.2229
1042.5381	10	E	6	760.3953	380.7016
1155.6222	11	L	5	631.3527	316.1803
1283.6808	12	Q	4	518.2687	259.6383
1411.7393	13	Q	3	390.2101	195.6090
1498.7714	14	S	2	262.1515	131.5797
	15	R	1	175.1195	88.0637

N-term:+35.07

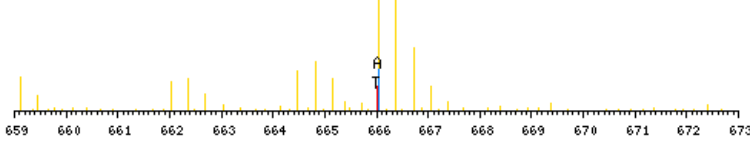
SNNKDQGGYEDFVVEGLR, MH+ 1996.0048, m/z 666.0065
 H OS G27 P150811 220811-s1.05943.05943.3.dta

scan 5943; 2.7e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5942; 666.0 m/z; 1.5e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
122.1029	1	S	17		
236.1459	2	N	16	1874.9097	937.9588
350.1888	3	N	15	1760.8668	880.9373
512.3469	4	K	14	1646.8239	823.9158
627.3738	5	D	13	1484.6658	742.8368
755.4324	6	Q	12	1369.6388	685.3233
812.4539	7	G	11	1241.5802	621.2940
869.4753	8	G	10	1184.5588	592.7833
1032.5387	9	Y	9	1127.5373	564.2726
1161.5813	10	E	8	964.4740	482.7409
1276.6082	11	D	7	835.4314	418.2196
1423.6766	12	F	6	720.4044	360.7061
1522.7450	13	V	5	573.3360	287.1719
1651.7876	14	E	4	474.2676	237.6377
1708.8091	15	G	3	345.2250	173.1164
1821.8931	16	L	2	288.2036	144.6057
	17	R	1	175.1195	88.0637

N-term:+35.07 K(4):+162.16

SNPGESEFDLADR, MH+ 1422.6501, m/z 711.8287
 L OS G25 P150811 220811-s1.04438.04438.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

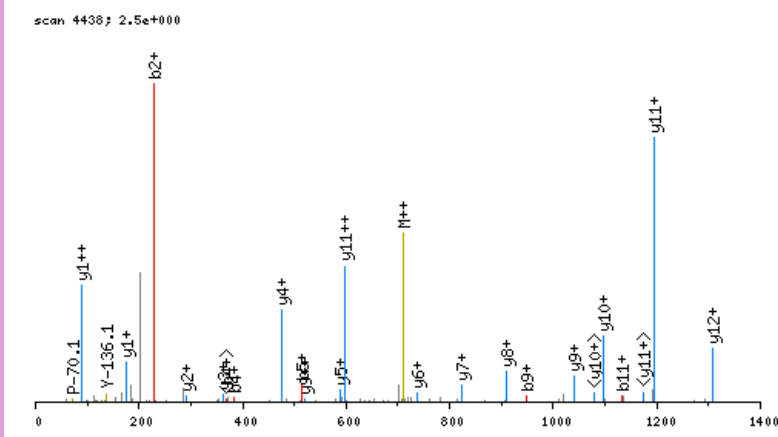
y + 2+ 3+

z + 2+ 3+

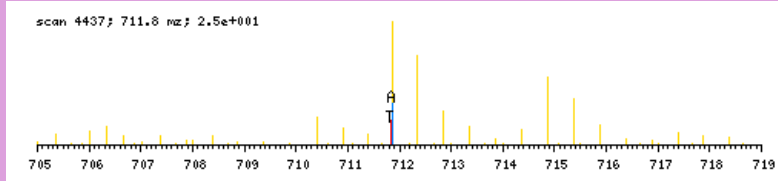
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 13		
230.1141	2	N 12	1307.5868	654.2973
327.1668	3	P 11	1193.5439	597.2758
384.1883	4	G 10	1096.4911	548.7495
513.2309	5	E 9	1039.4696	520.2387
600.2629	6	S 8	910.4270	455.7174
687.2949	7	S 7	823.3950	412.2014
834.3633	8	F 6	736.3630	368.6854
949.3903	9	D 5	589.2946	295.1512
1062.4744	10	L 4	474.2676	237.6377
1133.5115	11	A 3	361.1836	181.0957
1248.5384	12	D 2	290.1464	145.5771
	13	R 1	175.1195	88.0637

N-term:+29.04

SNPGESEFDLADRLDPVEKIDR, MH+ 2528.3269, m/z 632.8372
 H OS G28 P150811 220811-s1.08107.08107.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

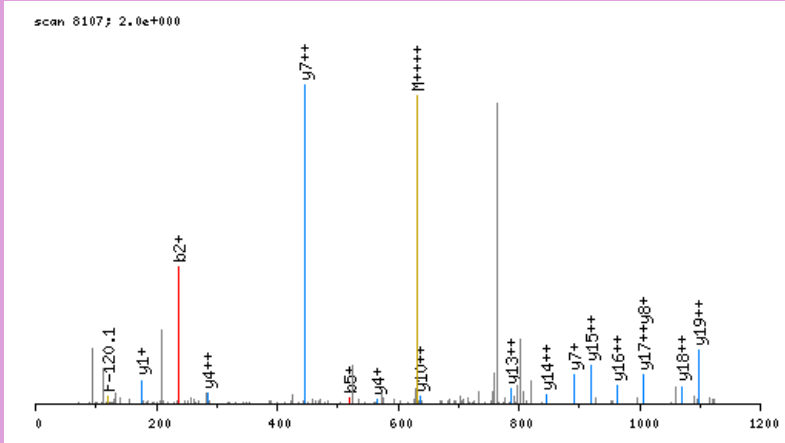
y + 2+ 3+

z + 2+ 3+

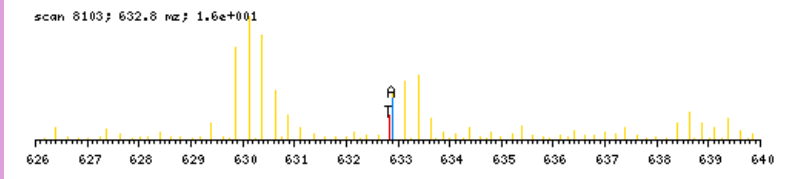
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]

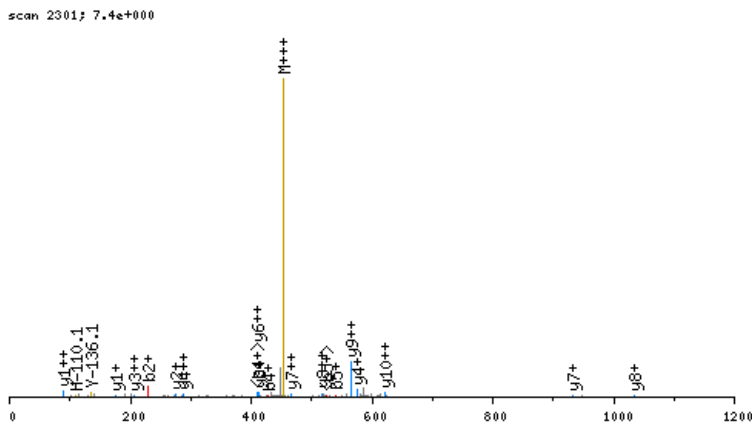


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

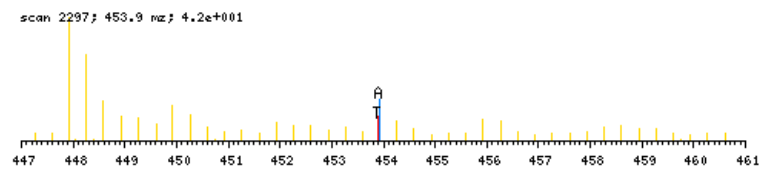
b ⁺	#	AA	#	y ⁺	y ²⁺
122.1029	1	S	22		
236.1459	2	N	21	2407.2318	1204.1198
333.1986	3	P	20	2293.1889	1147.0983
390.2201	4	G	19	2196.1361	1098.5720
519.2627	5	E	18	2139.1146	1070.0612
606.2947	6	S	17	2010.0720	1005.5399
693.3267	7	S	16	1923.0400	962.0239
840.3951	8	F	15	1836.0080	918.5079
955.4221	9	D	14	1688.9396	844.9737
1068.5062	10	L	13	1573.9126	787.4602
1139.5433	11	A	12	1460.8286	730.9182
1254.5702	12	D	11	1389.7914	695.3996
1410.6713	13	R	10	1274.7645	637.8862
1523.7554	14	L	9	1118.6634	559.8356
1638.7823	15	D	8	1005.5793	503.2936
1735.8351	16	P	7	890.5524	445.7801
1834.9035	17	V	6	793.4996	397.2537
1963.9461	18	E	5	694.4312	347.7195
2126.1042	19	K	4	565.3886	283.1982
2239.1883	20	I	3	403.2305	202.1192
2354.2152	21	D	2	290.1464	145.5771
	22	R	1	175.1195	88.0637

N-term:+35.07 K(19):+162.16

SNPTLNEYHTR, MH+ 1359.6657, m/z 453.8934
 L OS G27 P150811 220811-s1.02301.02301.3.dta



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S	11	
230.1141	2	N	10	1244.6024 622.8051
327.1668	3	P	9	1130.5594 565.7836
428.2145	4	T	8	1033.5067 517.2573
541.2986	5	L	7	932.4590 466.7334
655.3415	6	N	6	819.3749 410.1914
784.3841	7	E	5	705.3320 353.1699
947.4474	8	Y	4	576.2894 288.6486
1084.5063	9	H	3	413.2261 207.1170
1185.5540	10	T	2	276.1672 138.5875
	11	R	1	175.1195 88.0637

N-term:+29.04

SNQERPQYEHSVVVGR, MH+ 1918.9947, m/z 480.5041
 H OS G28 P150811 220811-s1.02605.02605.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

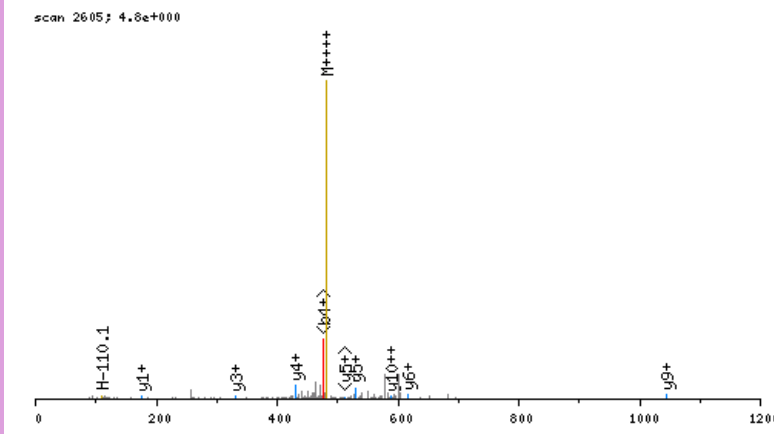
y + 2+ 3+

z + 2+ 3+

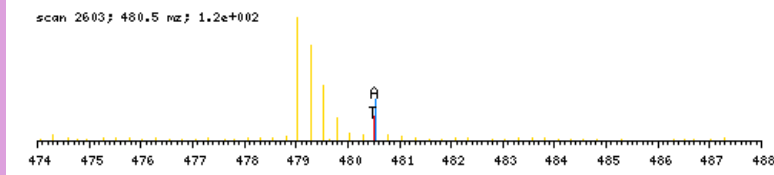
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 16		
236.1459	2	N 15	1797.8996	899.4537
364.2044	3	Q 14	1683.8567	842.4323
493.2470	4	E 13	1555.7981	778.4030
649.3481	5	R 12	1426.7555	713.8817
746.4009	6	P 11	1270.6544	635.8311
874.4595	7	Q 10	1173.6016	587.3047
1037.5228	8	Y 9	1045.5431	523.2754
1166.5654	9	E 8	882.4797	441.7438
1303.6243	10	H 7	753.4371	377.2225
1390.6563	11	S 6	616.3782	308.6930
1489.7248	12	V 5	529.3462	265.1770
1588.7932	13	V 4	430.2778	215.6428
1687.8616	14	V 3	331.2094	166.1086
1744.8830	15	G 2	232.1410	116.5744
	16	R 1	175.1195	88.0637

N-term:+35.07

SNTDFAFSLYR, MH+ 1348.6537, m/z 674.8305
 L OS G25 P150811 220811-s1.07148.07148.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

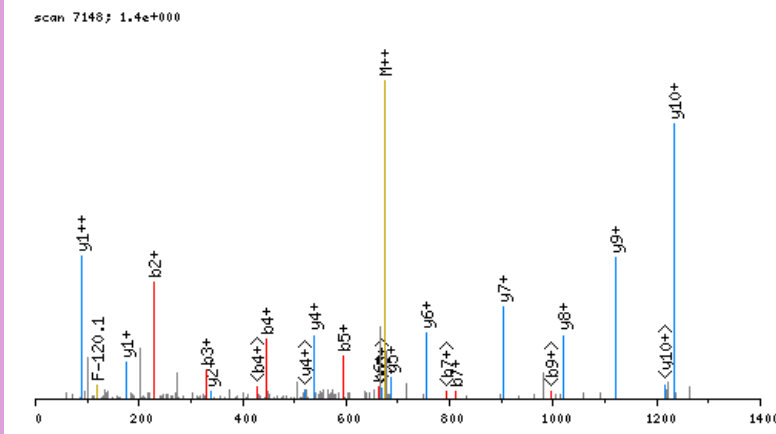
y + 2+ 3+

z + 2+ 3+

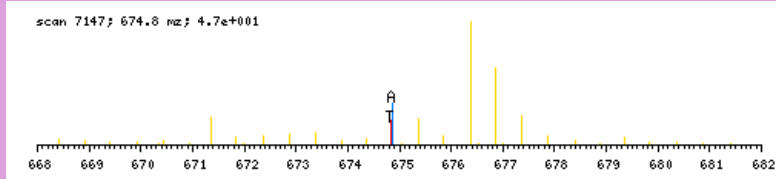
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 11		
230.1141	2	N 10	1233.5904	617.2991
331.1617	3	T 9	1119.5475	560.2777
446.1887	4	D 8	1018.4998	509.7538
593.2571	5	F 7	903.4729	452.2403
664.2942	6	A 6	756.4044	378.7061
811.3626	7	F 5	685.3673	343.1876
898.3946	8	S 4	538.2989	269.6534
1011.4787	9	L 3	451.2669	226.1374
1174.5420	10	Y 2	338.1828	169.5953
	11	R 1	175.1195	88.0637

N-term:+29.04

SNTDVEIQPGKTVIR, MH+ 1712.9819, m/z 571.6655
 H OS G26 P150811 220811-s1.02412.02412.3.dta

scan 2412; 1.1e+001

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

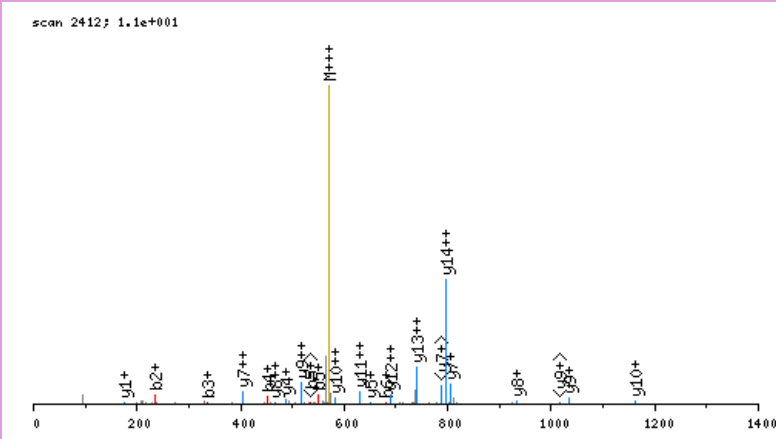
y + 2+ 3+

z + 2+ 3+

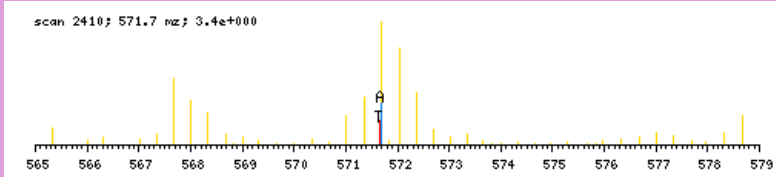
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
122.1029	1	S	15		
236.1459	2	N	14	1591.8868	796.4473
337.1935	3	T	13	1477.8439	739.4258
452.2205	4	D	12	1376.7962	688.9020
551.2889	5	V	11	1261.7692	631.3885
680.3315	6	E	10	1162.7008	581.8543
781.3792	7	T	9	1033.6582	517.3330
909.4377	8	Q	8	932.6106	466.8092
1006.4905	9	P	7	804.5520	402.7799
1063.5120	10	G	6	707.4992	354.2535
1225.6701	11	K	5	650.4778	325.7428
1326.7177	12	T	4	488.3197	244.6637
1425.7862	13	V	3	387.2720	194.1399
1538.8702	14	I	2	288.2036	144.6057
	15	R	1	175.1195	88.0637

N-term:+35.07 K(11):+162.16

SNVDELGCSHLGQSYESR, MH+ 2071.9566, m/z 691.3237
 H OS G27 P150811 220811-s1.04238.04238.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

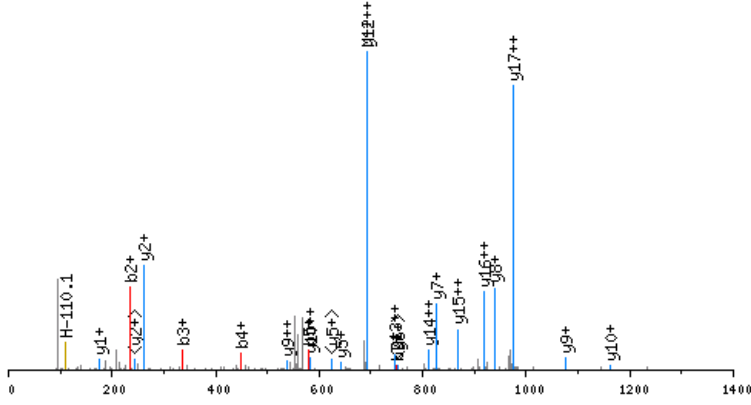
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

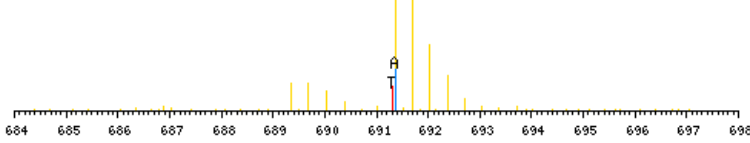
GO

scan 4238; 3.1e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4237; 691.3 m/z; 1.3e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 18		
236.1459	2	N 17	1950.8615	975.9347
335.2143	3	V 16	1836.8186	918.9132
450.2412	4	D 15	1737.7502	869.3790
579.2838	5	E 14	1622.7232	811.8655
692.3679	6	L 13	1493.6807	747.3442
749.3893	7	G 12	1380.5966	690.8022
909.4199	8	C 11	1323.5751	662.2915
996.4520	9	S 10	1163.5445	582.2762
1133.5109	10	H 9	1076.5125	538.7602
1246.5949	11	L 8	939.4536	470.2307
1303.6164	12	G 7	826.3695	413.6887
1431.6750	13	Q 6	769.3481	385.1779
1518.7070	14	S 5	641.2895	321.1487
1681.7703	15	Y 4	554.2575	277.6326
1810.8129	16	E 3	391.1941	196.1010
1897.8450	17	S 2	262.1515	131.5797
	18	R 1	175.1195	88.0637

N-term:+35.07 C(8):+160.03

SPASHEIATNLGDFALR, MH+ 1826.9401, m/z 609.6515
 L OS G27 P150811 220811-s1.06349.06349.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

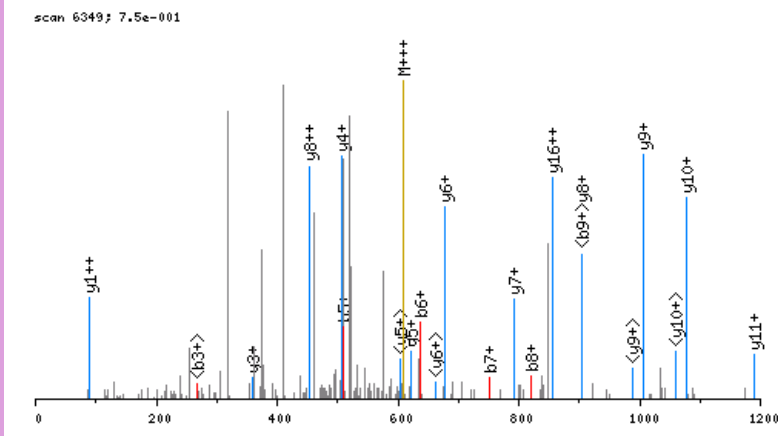
y + 2+ 3+

z + 2+ 3+

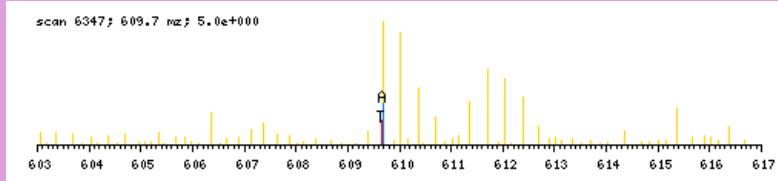
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 17		
213.1239	2	P 16	1711.8768	856.4423
284.1610	3	A 15	1614.8240	807.9159
371.1930	4	S 14	1543.7869	772.3974
508.2519	5	H 13	1456.7549	728.8813
637.2945	6	E 12	1319.6959	660.3519
750.3786	7	I 11	1190.6533	595.8306
821.4157	8	A 10	1077.5693	539.2886
922.4634	9	T 9	1006.5322	503.7700
1036.5063	10	N 8	905.4845	453.2462
1149.5904	11	L 7	791.4416	396.2247
1206.6119	12	G 6	678.3575	339.6827
1321.6388	13	D 5	621.3360	311.1719
1468.7072	14	F 4	506.3091	253.6585
1539.7443	15	A 3	359.2407	180.1243
1652.8284	16	L 2	288.2036	144.6057
	17	R 1	175.1195	88.0637

N-term:+29.04

SPDPGLTALLSDHR, MH+ 1506.7916, m/z 502.9354
 L OS G27 P150811 220811-s1.06205.06205.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

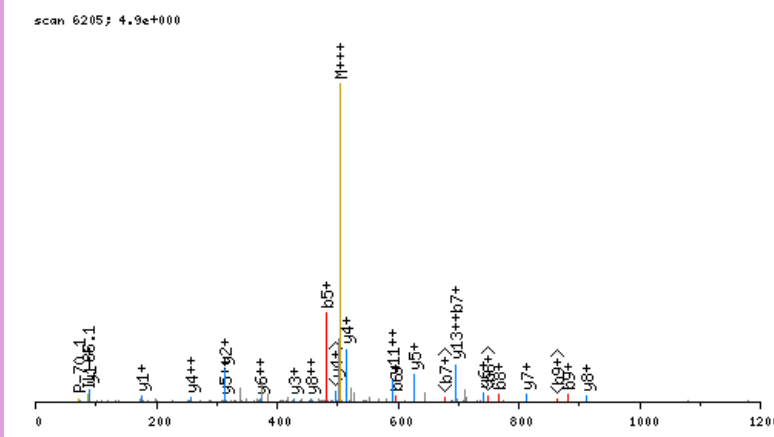
y + 2+ 3+

z + 2+ 3+

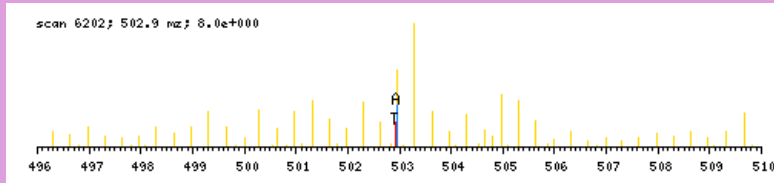
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 14		
213.1239	2	P 13	1391.7283	696.3681
328.1508	3	D 12	1294.6755	647.8417
425.2036	4	P 11	1179.6486	590.3282
482.2251	5	G 10	1082.5958	541.8018
595.3091	6	L 9	1025.5744	513.2911
696.3568	7	T 8	912.4903	456.7491
767.3939	8	A 7	811.4426	406.2252
880.4780	9	L 6	740.4055	370.7067
993.5620	10	L 5	627.3214	314.1646
1080.5941	11	S 4	514.2374	257.6226
1195.6210	12	D 3	427.2054	214.1066
1332.6799	13	H 2	312.1784	156.5931
	14	R 1	175.1195	88.0637

N-term:+29.04

SPKVGQPGAAGPVSPMCPGR, MH+ 2006.0315, m/z 669.3487
 L OS G26 P150811 220811-s1.02948.02948.3.dta

scan 2948; 1.8e+000

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

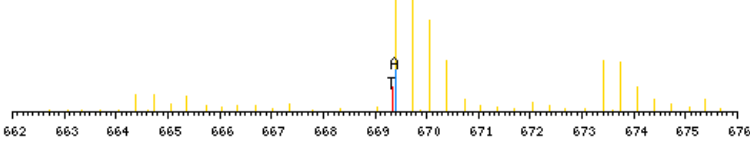
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

scan 2945; 669.3 mz; 5.6e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S	20	
213.1239	2	P	19	1890.9682
369.2502	3	K	18	1793.9155
468.3186	4	V	17	1637.7892
525.3401	5	G	16	1538.7207
653.3986	6	Q	15	1481.6993
750.4514	7	P	14	1353.6407
807.4729	8	G	13	1256.5879
878.5100	9	A	12	1199.5665
949.5471	10	A	11	1128.5294
1006.5686	11	G	10	1057.4922
1103.6213	12	P	9	1000.4708
1202.6897	13	V	8	903.4180
1289.7218	14	S	7	804.3496
1386.7745	15	P	6	717.3176
1517.8150	16	M	5	620.2648
1677.8456	17	C	4	489.2243
1774.8984	18	P	3	329.1937
1831.9198	19	G	2	232.1410
	20	R	1	175.1195

N-term:+29.04 K(3):+156.13
 C(17):+160.03

SPSQSSDSQVHSGVQVEGR, MH+ 1998.9481, m/z 666.9875
 L OS G26 P150811 220811-s1.02123.02123.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

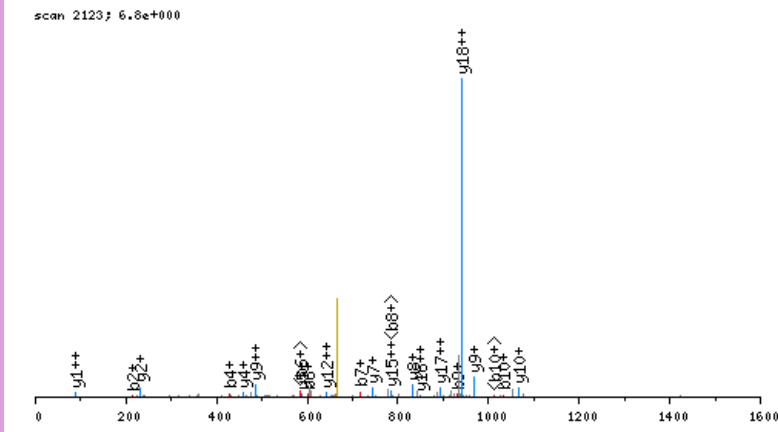
y + 2+ 3+

z + 2+ 3+

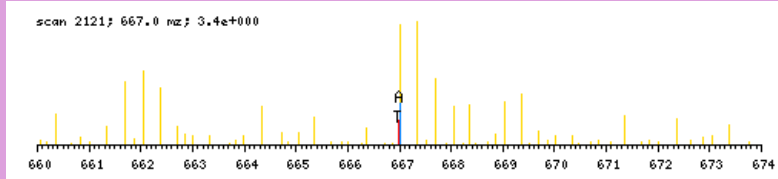
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 19		
213.1239	2	P 18	1883.8848	942.4463
300.1559	3	S 17	1786.8320	893.9199
428.2145	4	Q 16	1699.8000	850.4039
515.2465	5	S 15	1571.7414	786.3746
602.2786	6	S 14	1484.7094	742.8586
717.3055	7	D 13	1397.6773	699.3426
804.3375	8	S 12	1282.6504	641.8291
932.3961	9	Q 11	1195.6184	598.3131
1031.4645	10	V 10	1067.5598	534.2838
1168.5234	11	H 9	968.4914	484.7496
1255.5555	12	S 8	831.4325	416.2201
1312.5769	13	G 7	744.4004	372.7041
1411.6453	14	V 6	687.3790	344.1934
1539.7039	15	Q 5	588.3105	294.6592
1638.7723	16	V 4	460.2520	230.6299
1767.8149	17	E 3	361.1836	181.0957
1824.8364	18	G 2	232.1410	116.5744
	19	R 1	175.1195	88.0637

N-term:+29.04

SPVHPESSEGEHVSVPQR, MH+ 2115.0107, m/z 529.5081
 L OS G28 P150811 220811-s1.02639.02639.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

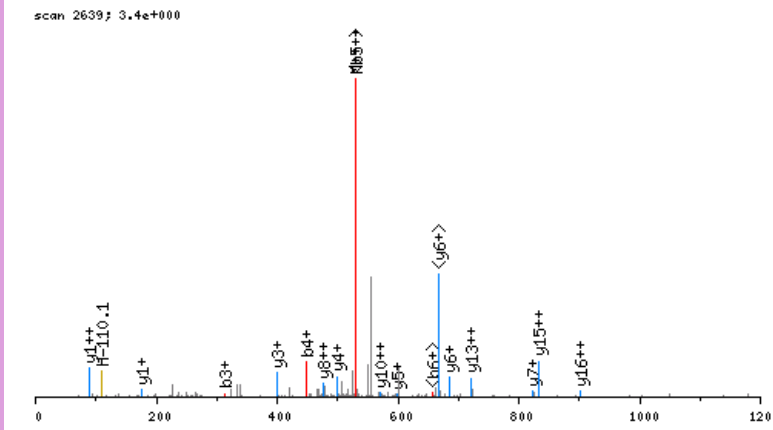
y + 2+ 3+

z + 2+ 3+

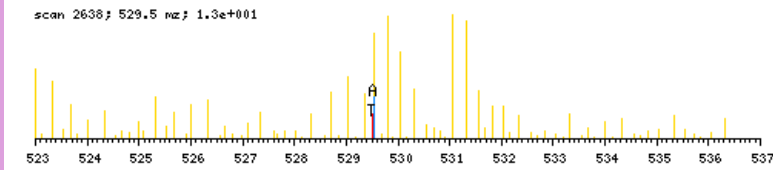
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	19		
213.1239	2	P	18	1999.9474	1000.4776
312.1923	3	V	17	1902.8946	951.9512
449.2512	4	H	16	1803.8262	902.4170
546.3040	5	P	15	1666.7673	833.8875
675.3466	6	E	14	1569.7145	785.3612
762.3786	7	S	13	1440.6719	720.8399
849.4106	8	S	12	1353.6399	677.3239
978.4532	9	E	11	1266.6079	633.8078
1035.4747	10	G	10	1137.5653	569.2865
1164.5173	11	E	9	1080.5438	540.7758
1293.5599	12	E	8	951.5012	476.2545
1430.6188	13	H	7	822.4586	411.7332
1517.6508	14	S	6	685.3997	343.2038
1616.7192	15	V	5	598.3677	299.6877
1715.7876	16	V	4	499.2993	250.1535
1812.8404	17	P	3	400.2308	200.6193
1940.8990	18	Q	2	303.1781	152.0930
	19	R	1	175.1195	88.0637

N-term:+29.04

SPVQADVYFPR, MH+ 1306.6795, m/z 436.2314
 L OS G25 P150811 220811-s1.05631.05631.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

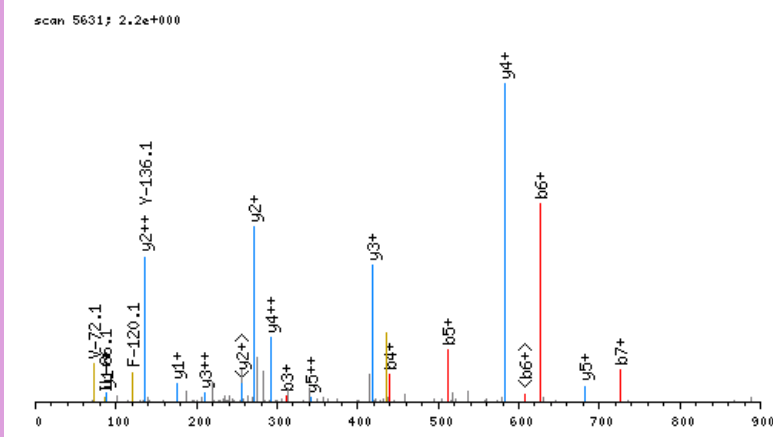
y + 2+ 3+

z + 2+ 3+

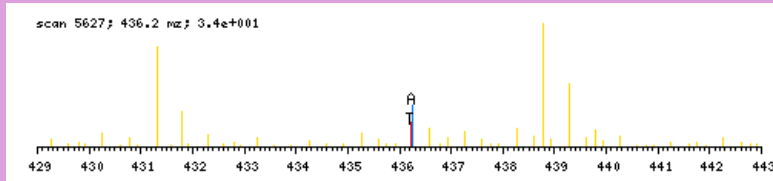
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 11		
213.1239	2	P 10	1191.6162	596.3120
312.1923	3	V 9	1094.5635	547.7856
440.2509	4	Q 8	995.4951	498.2514
511.2880	5	A 7	867.4365	434.2222
626.3149	6	D 6	796.3994	398.7036
725.3834	7	V 5	681.3724	341.1901
888.4467	8	Y 4	582.3040	291.6559
1035.5151	9	F 3	419.2407	210.1243
1132.5679	10	P 2	272.1723	136.5900
	11	R 1	175.1195	88.0637

N-term:+29.04

SQFQESDDAEDYGR, MH+ 1789.7153, m/z 597.2433
 L OS G25 P150811 220811-s1.03024.03024.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

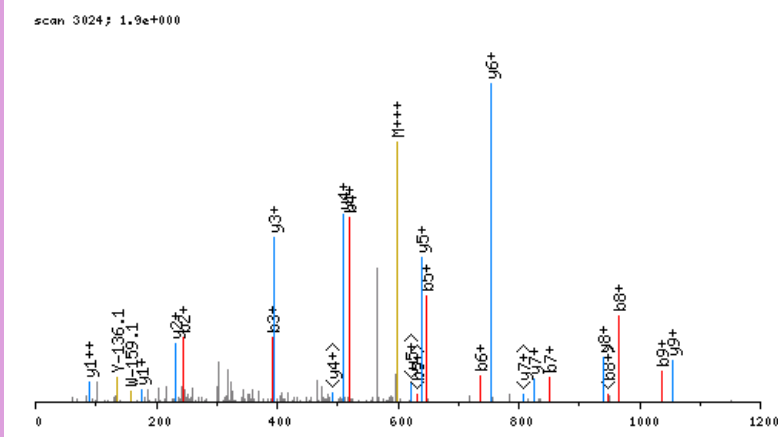
y + 2+ 3+

z + 2+ 3+

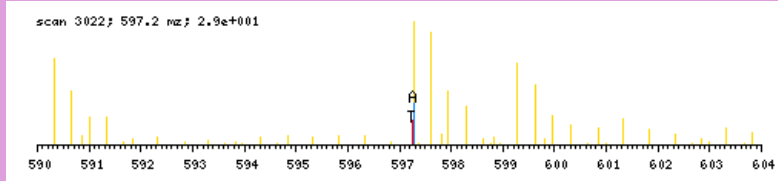
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



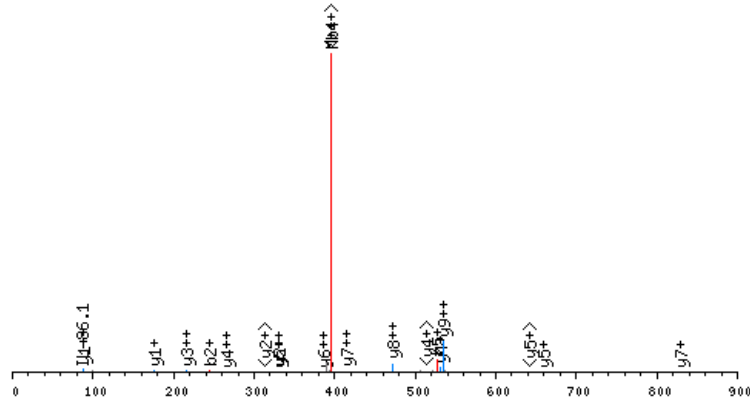
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	15		
244.1297	2	Q	14	1674.6520	837.8299
391.1981	3	F	13	1546.5934	773.8006
519.2567	4	Q	12	1399.5250	700.2664
648.2993	5	E	11	1271.4664	636.2371
735.3313	6	S	10	1142.4238	571.7158
850.3583	7	D	9	1055.3918	528.1998
965.3852	8	D	8	940.3648	470.6863
1036.4223	9	A	7	825.3379	413.1729
1151.4493	10	D	6	754.3008	377.6543
1280.4919	11	E	5	639.2738	320.1408
1395.5188	12	D	4	510.2312	255.6195
1558.5821	13	Y	3	395.2043	198.1061
1615.6036	14	G	2	232.1410	116.5744
	15	R	1	175.1195	88.0637

N-term:+29.04

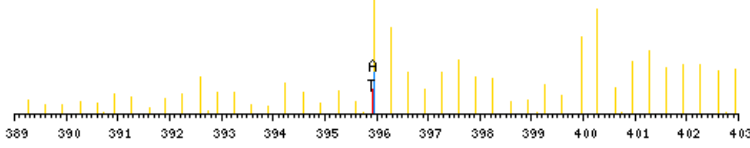
SQLGIQTVKR, MH+ 1185.7319, m/z 395.9155
 L OS G27 P150811 220811-s1.02800.02800.3.dta

scan 2800; 2.8e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2797; 395.9 m/z; 6.8e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

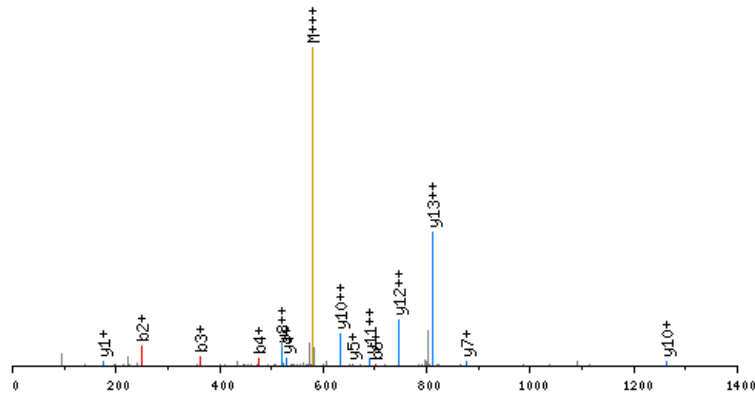
GO

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 10		
244.1297	2	Q 9	1070.6686	535.8382
357.2138	3	L 8	942.6101	471.8089
414.2352	4	G 7	829.5260	415.2669
527.3193	5	I 6	772.5045	386.7562
655.3779	6	Q 5	659.4205	330.2141
756.4256	7	T 4	531.3619	266.1849
855.4940	8	V 3	430.3142	215.6610
1011.6203	9	K 2	331.2458	166.1268
	10	R 1	175.1195	88.0637

N-term:+29.04 K(9):+156.13

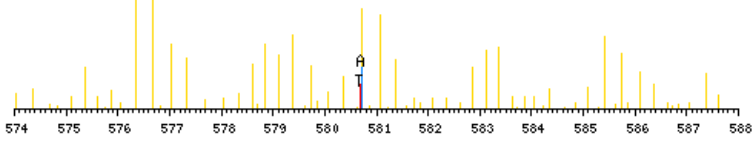
SQLLPKFAEQLIR, MH+ 1740.0696, m/z 580.6947
 H OS G26 P150811 220811-s1.06658.06658.3.dta

scan 6658; 8.6e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6655; 580.7 m/z; 3.8e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 14		
250.1615	2	Q 13	1618.9745	809.9912
363.2456	3	L 12	1490.9159	745.9619
476.3296	4	L 11	1377.8318	689.4198
573.3824	5	P 10	1264.7478	632.8778
702.4250	6	E 9	1167.6950	584.3514
864.5831	7	K 8	1038.6524	519.8301
1011.6515	8	F 7	876.4943	438.7511
1082.6886	9	A 6	729.4259	365.2169
1211.7312	10	E 5	658.3888	329.6983
1339.7898	11	Q 4	529.3462	265.1770
1452.8739	12	L 3	401.2876	201.1477
1565.9579	13	I 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+35.07 K(7):+162.16

SQLLQEDSLNVADLSSLR, MH+ 2016.0613, m/z 672.6920
 L OS G24 P150811 220811-s1.04821.04821.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

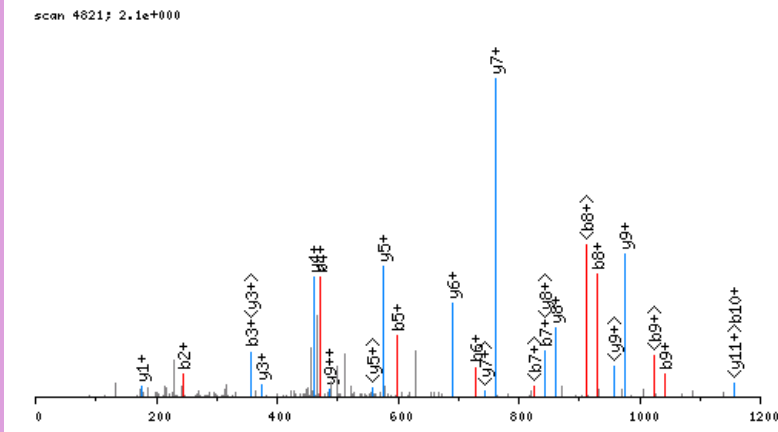
y + 2+ 3+

z + 2+ 3+

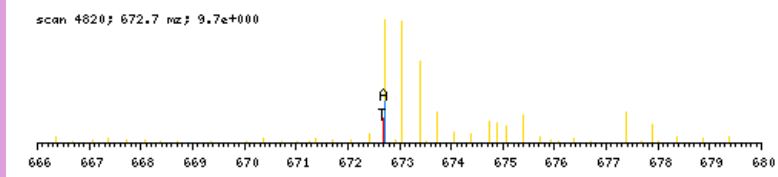
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	18		
244.1297	2	Q	17	1900.9980	951.0029
357.2138	3	L	16	1772.9394	886.9736
470.2978	4	L	15	1659.8554	830.4316
598.3564	5	Q	14	1546.7713	773.8896
727.3990	6	E	13	1418.7127	709.8603
842.4259	7	D	12	1289.6701	645.3390
929.4580	8	S	11	1174.6432	587.8255
1042.5420	9	L	10	1087.6111	544.3095
1156.5850	10	N	9	974.5271	487.7675
1255.6534	11	V	8	860.4842	430.7460
1326.6905	12	A	7	761.4157	381.2118
1441.7174	13	D	6	690.3786	345.6932
1554.8015	14	L	5	575.3517	288.1798
1641.8335	15	S	4	462.2676	231.6377
1728.8656	16	S	3	375.2356	188.1217
1841.9496	17	L	2	288.2036	144.6057
	18	R	1	175.1195	88.0637

N-term:+29.04

SQNAAAASATAPEVR, MH+ 1627.8768, m/z 543.2971
 L OS G26 P150811 220811-s1.02112.02112.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

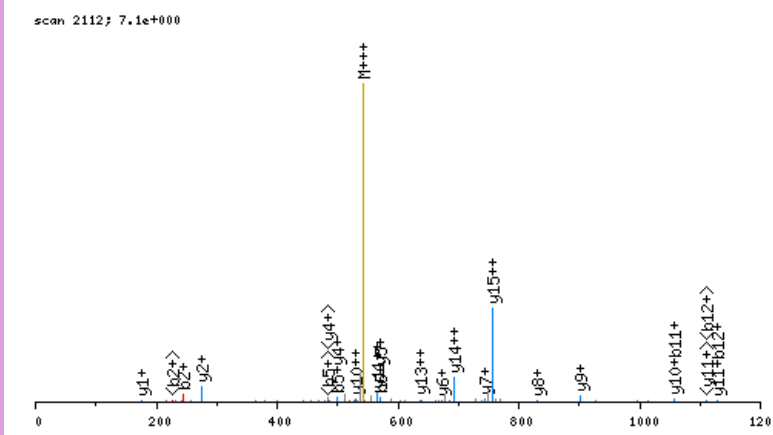
y + 2+ 3+

z + 2+ 3+

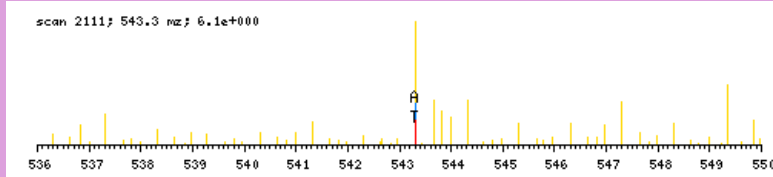
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 16		
244.1297	2	Q 15	1512.8135	756.9106
358.1726	3	N 14	1384.7549	692.8814
429.2097	4	A 13	1270.7120	635.8599
500.2469	5	A 12	1199.6748	600.3413
571.2840	6	A 11	1128.6377	564.8228
727.4103	7	K 10	1057.6006	529.3042
798.4474	8	A 9	901.4743	451.2411
885.4794	9	S 8	830.4372	415.7225
956.5165	10	A 7	743.4052	372.2065
1057.5642	11	T 6	672.3681	336.6879
1128.6013	12	A 5	571.3204	286.1641
1225.6541	13	P 4	500.2833	250.6455
1354.6967	14	E 3	403.2305	202.1192
1453.7651	15	V 2	274.1879	137.5979
	16	R 1	175.1195	88.0637

N-term:+29.04 K(7):+156.13

SQQSASGAPVLLR, MH+ 1341.7490, m/z 447.9212
 L OS G25 P150811 220811-s1.03918.03918.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

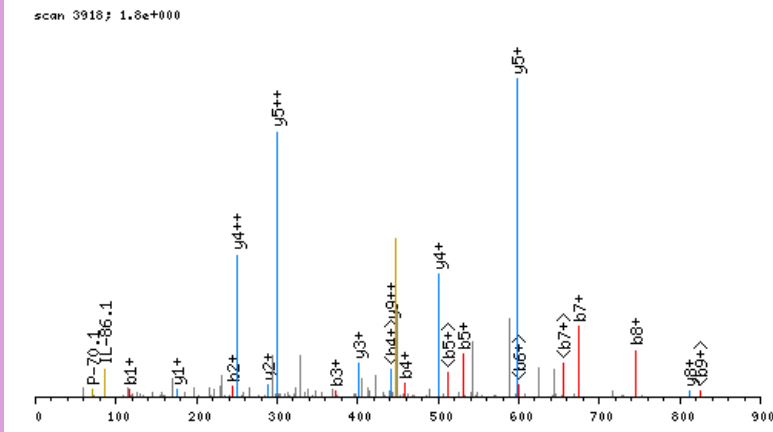
y + 2+ 3+

z + 2+ 3+

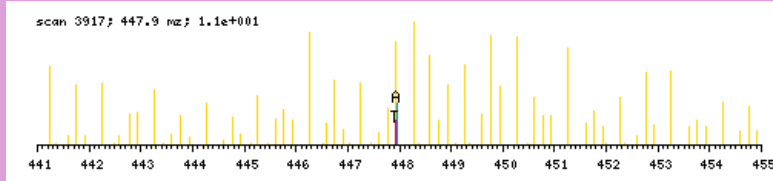
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 13		
244.1297	2	Q 12	1226.6857	613.8468
372.1883	3	Q 11	1098.6271	549.8175
459.2203	4	S 10	970.5686	485.7882
530.2574	5	A 9	883.5365	442.2722
617.2895	6	S 8	812.4994	406.7536
674.3109	7	G 7	725.4674	363.2376
745.3480	8	A 6	668.4459	334.7269
842.4008	9	P 5	597.4088	299.2083
941.4692	10	V 4	500.3560	250.6819
1054.5533	11	L 3	401.2876	201.1477
1167.6373	12	L 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+29.04

SQSSDSQVHSGVQVEGR, MH+ 1820.8951, m/z 607.6365
 H OS G27 P150811 220811-s1.02064.02064.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

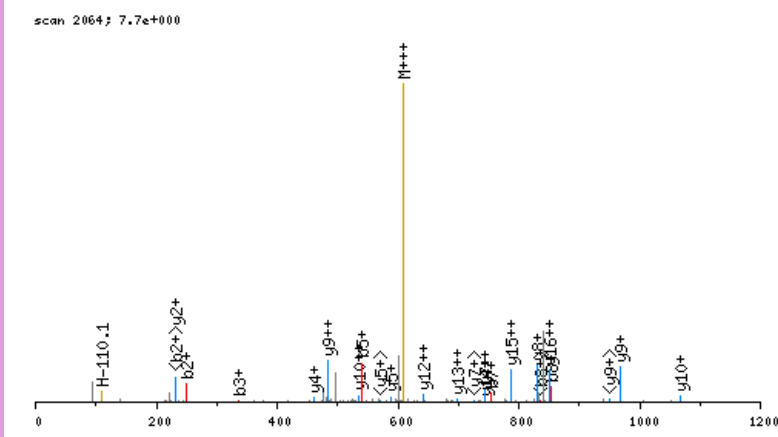
y + 2+ 3+

z + 2+ 3+

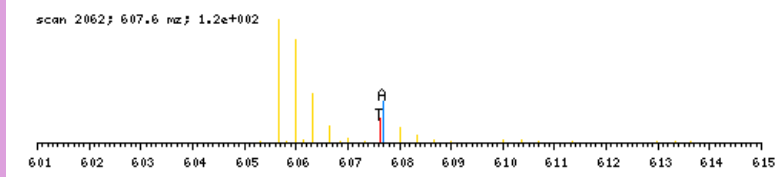
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 17		
250.1615	2	Q 16	1699.8000	850.4039
337.1935	3	S 15	1571.7414	786.3746
424.2256	4	S 14	1484.7094	742.8586
539.2525	5	D 13	1397.6773	699.3426
626.2845	6	S 12	1282.6504	641.8291
754.3431	7	Q 11	1195.6184	598.3131
853.4115	8	V 10	1067.5598	534.2838
990.4704	9	H 9	968.4914	484.7496
1077.5025	10	S 8	831.4325	416.2201
1134.5239	11	G 7	744.4004	372.7041
1233.5923	12	V 6	687.3790	344.1934
1361.6509	13	Q 5	588.3105	294.6592
1460.7193	14	V 4	460.2520	230.6299
1589.7619	15	E 3	361.1836	181.0957
1646.7834	16	G 2	232.1410	116.5744
	17	R 1	175.1195	88.0637

N-term:+35.07

SRGESQEVALPSR, MH+ 1449.7874, m/z 483.9340
 H OS G27 P150811 220811-s1.02630.02630.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

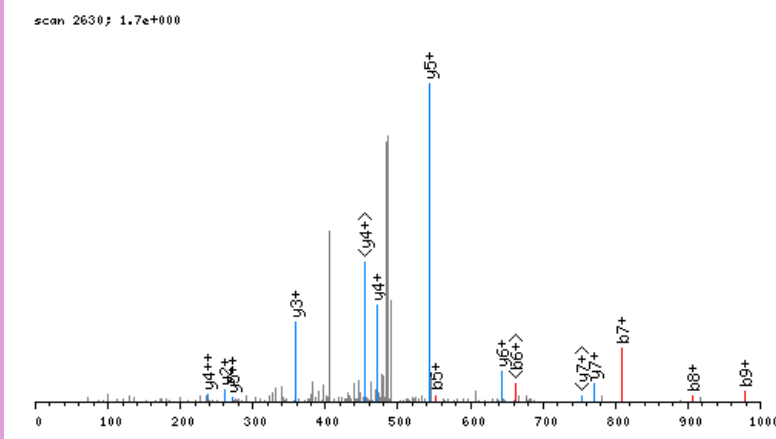
y + 2+ 3+

z + 2+ 3+

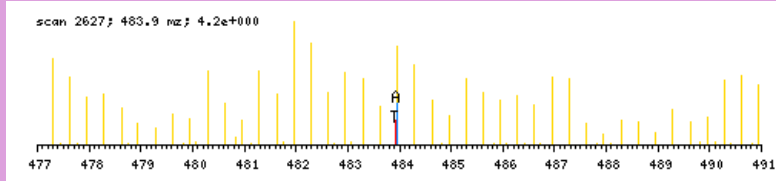
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 13		
278.2040	2	R 12	1328.6923	664.8500
335.2255	3	G 11	1172.5911	586.7995
464.2681	4	E 10	1115.5697	558.2888
551.3001	5	S 9	986.5271	493.7675
679.3587	6	Q 8	899.4951	450.2514
808.4013	7	E 7	771.4365	386.2222
907.4697	8	V 6	642.3939	321.7009
978.5068	9	A 5	543.3255	272.1666
1091.5909	10	L 4	472.2884	236.6481
1188.6437	11	P 3	359.2043	180.1061
1275.6757	12	S 2	262.1515	131.5797
	13	R 1	175.1195	88.0637

N-term:+35.07

SSAAAEASAAALKVRPER, MH+ 1782.0510, m/z 446.2682
 H OS G28 P150811 220811-s1.04150.04150.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

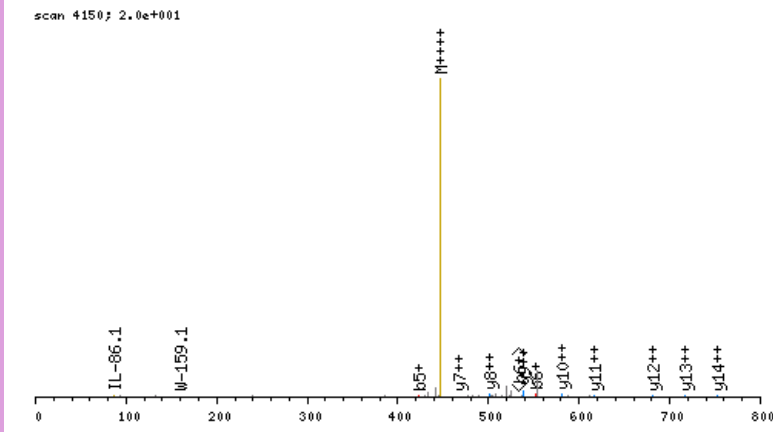
y + 2+ 3+

z + 2+ 3+

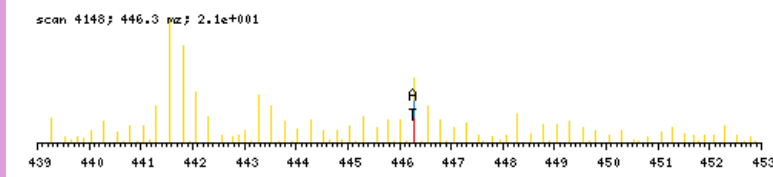
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



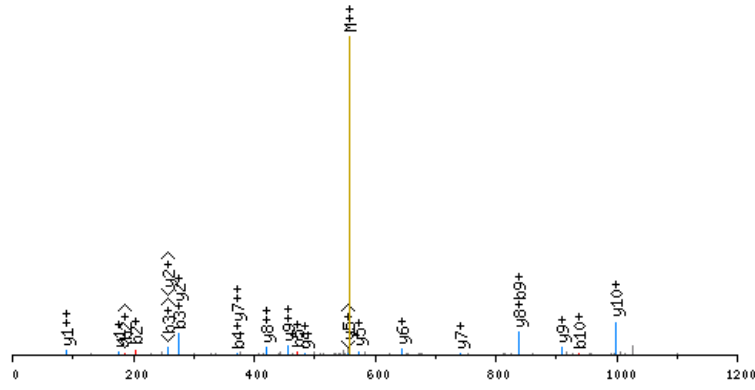
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 17		
209.1350	2	S 16	1660.9559	830.9819
280.1721	3	A 15	1573.9239	787.4658
351.2092	4	A 14	1502.8867	751.9473
422.2463	5	A 13	1431.8496	716.4287
551.2889	6	E 12	1360.8125	680.9102
622.3260	7	A 11	1231.7699	616.3889
709.3580	8	S 10	1160.7328	580.8703
780.3951	9	A 9	1073.7008	537.3543
851.4323	10	A 8	1002.6637	501.8357
964.5163	11	L 7	931.6265	466.3172
1126.6744	12	K 6	818.5425	409.7752
1225.7428	13	V 5	656.3844	328.6961
1381.8440	14	R 4	557.3160	279.1619
1478.8967	15	P 3	401.2149	201.1113
1607.9393	16	E 2	304.1621	152.5850
	17	R 1	175.1195	88.0637

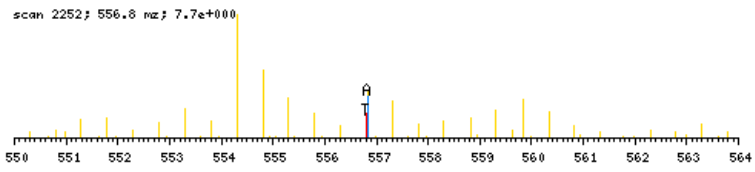
N-term:+35.07 K(12):+162.16

SSAPVASPNVR, MH+ 1112.6064, m/z 556.8068
 L OS G25 P150811 220811-s1.02255.02255.2.dta

scan 2255; 7.8e+000



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S	11	
203.1032	2	S	10	997.5431 499.2754
274.1403	3	A	9	910.5110 455.7594
371.1930	4	P	8	839.4739 420.2409
470.2614	5	V	7	742.4212 371.7145
541.2986	6	A	6	643.3527 322.1803
628.3306	7	S	5	572.3156 286.6617
725.3834	8	P	4	485.2836 243.1457
839.4263	9	N	3	388.2308 194.6193
938.4947	10	V	2	274.1879 137.5979
	11	R	1	175.1195 88.0637

N-term: +29.04

SSCPDDAIFQSLAR, MH+ 1594.7535, m/z 532.2560
 L OS G25 P150811 220811-s1.07051.07051.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

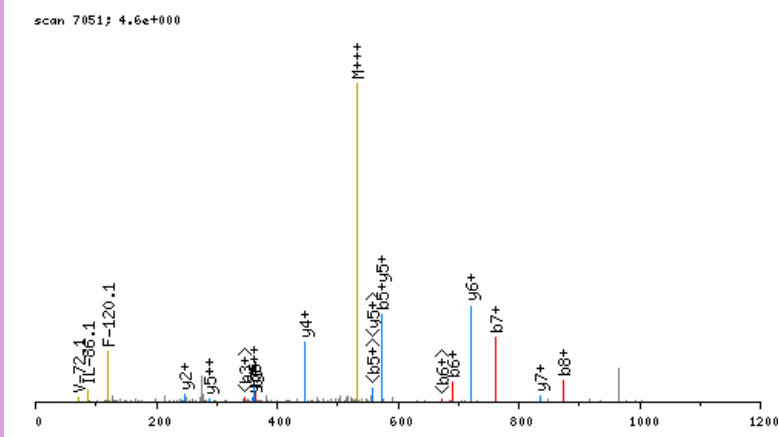
y + 2+ 3+

z + 2+ 3+

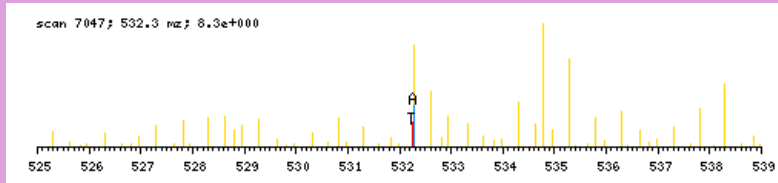
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 14		
203.1032	2	S 13	1479.6902	740.3490
363.1338	3	C 12	1392.6581	696.8330
460.1865	4	P 11	1232.6275	616.8177
575.2135	5	D 10	1135.5748	568.2913
690.2404	6	D 9	1020.5478	510.7778
761.2775	7	A 8	905.5209	453.2644
874.3616	8	I 7	834.4838	417.7458
1021.4300	9	F 6	721.3997	361.2038
1149.4886	10	Q 5	574.3313	287.6696
1236.5206	11	S 4	446.2727	223.6403
1349.6047	12	L 3	359.2407	180.1243
1420.6418	13	A 2	246.1566	123.5822
	14	R 1	175.1195	88.0637

N-term:+29.04 C(3):+160.03

SSDAVAGPASSLKQR, MH+ 1529.8288, m/z 510.6144
 L OS G27 P150811 220811-s1.02696.02696.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

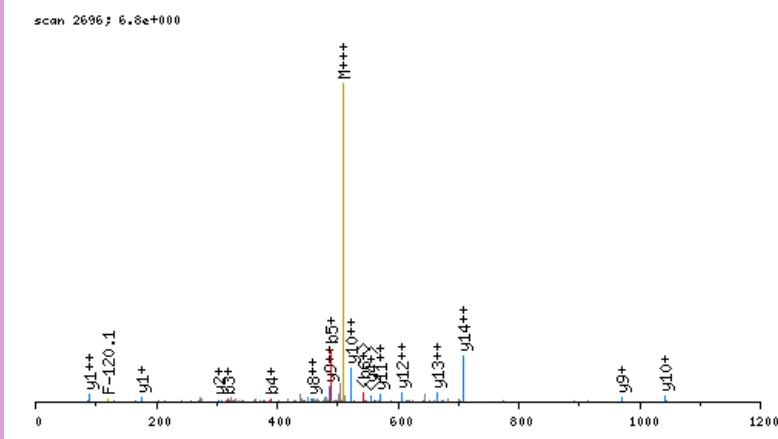
y + 2+ 3+

z + 2+ 3+

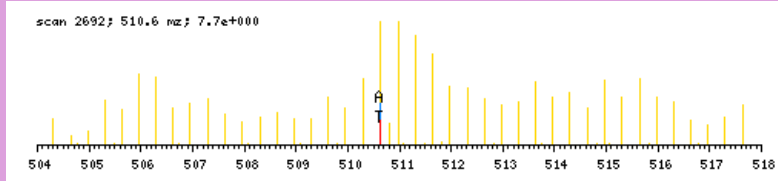
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



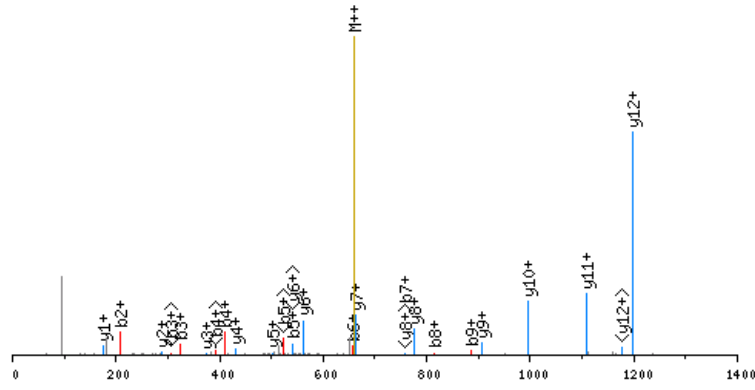
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 15		
203.1032	2	S 14	1414.7655	707.8866
318.1301	3	D 13	1327.7334	664.3706
389.1672	4	A 12	1212.7065	606.8572
488.2356	5	V 11	1141.6694	571.3386
559.2727	6	A 10	1042.6010	521.8044
616.2942	7	G 9	971.5638	486.2858
713.3470	8	P 8	914.5424	457.7751
784.3841	9	A 7	817.4896	409.2487
871.4161	10	S 6	746.4525	373.7302
958.4481	11	S 5	659.4205	330.2141
1071.5322	12	L 4	572.3884	286.6981
1227.6585	13	K 3	459.3044	230.1561
1355.7171	14	Q 2	303.1781	152.0930
	15	R 1	175.1195	88.0637

N-term:+29.04 K(13):+156.13

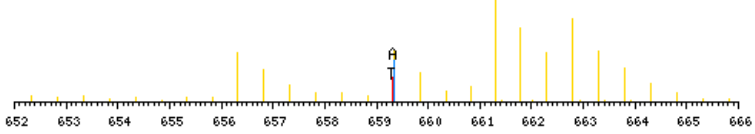
SSDSMDTGAGSIR, MH+ 1317.6168, m/z 659.3121
 H OS G25 P150811 220811-s1.02459.02459.2.dta

scan 2459; 4.9e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 2457; 659.3 m/z; 2.3e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 13		
209.1350	2	S 12	1196.5217	598.7648
324.1619	3	D 11	1109.4897	555.2488
411.1939	4	S 10	994.4628	497.7353
542.2344	5	M 9	907.4307	454.2193
657.2614	6	D 8	776.3903	388.6990
758.3090	7	T 7	661.3633	331.1856
815.3305	8	G 6	560.3156	280.6617
886.3676	9	A 5	503.2942	252.1510
943.3891	10	G 4	432.2571	216.6324
1030.4211	11	S 3	375.2356	188.1217
1143.5052	12	I 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+35.07

SSDSQVHSGVQVEGR, MH+ 1599.7727, m/z 533.9291
 L OS G27 P150811 220811-s1.02036.02036.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

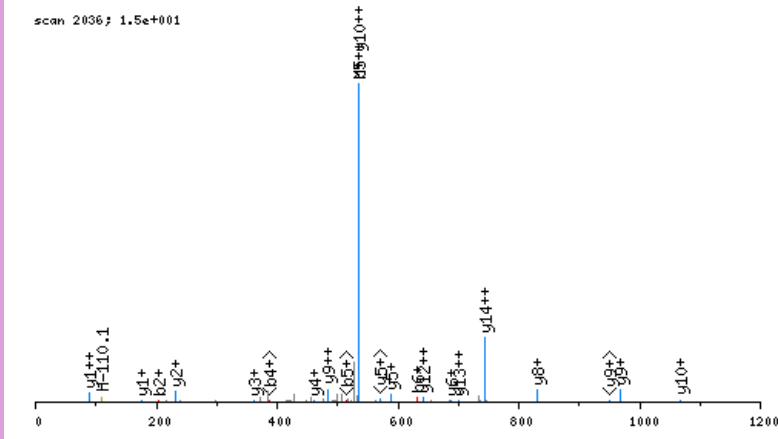
y + 2+ 3+

z + 2+ 3+

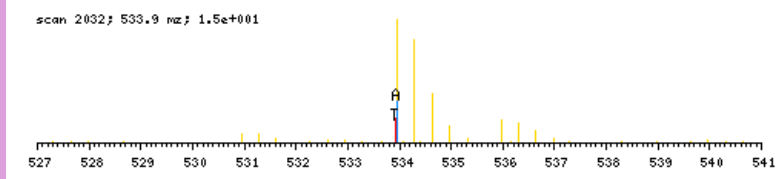
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	15		
203.1032	2	S	14	1484.7094	742.8586
318.1301	3	D	13	1397.6773	699.3426
405.1621	4	S	12	1282.6504	641.8291
533.2207	5	Q	11	1195.6184	598.3131
632.2891	6	V	10	1067.5598	534.2838
769.3480	7	H	9	968.4914	484.7496
856.3801	8	S	8	831.4325	416.2201
913.4015	9	G	7	744.4004	372.7041
1012.4699	10	V	6	687.3790	344.1934
1140.5285	11	Q	5	588.3105	294.6592
1239.5969	12	V	4	460.2520	230.6299
1368.6395	13	E	3	361.1836	181.0957
1425.6610	14	G	2	232.1410	116.5744
	15	R	1	175.1195	88.0637

N-term:+29.04

SSEAPPLVNEDVKR, MH+ 1596.8597, m/z 532.9581
 L OS G26 P150811 220811-s1.02787.02787.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

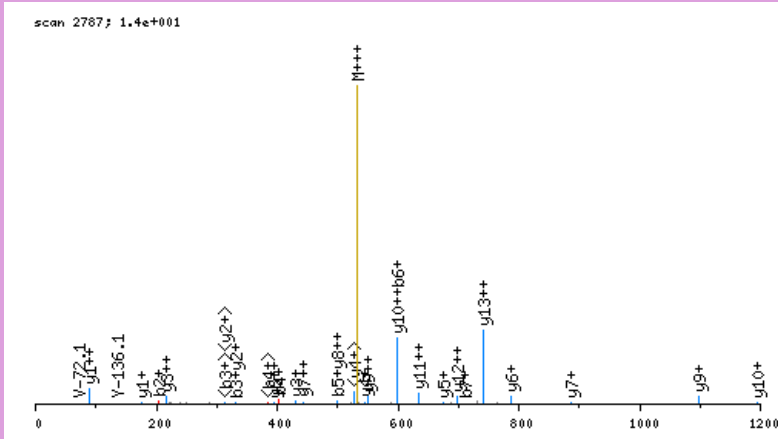
y + 2+ 3+

z + 2+ 3+

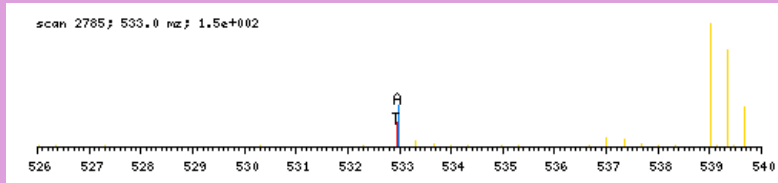
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



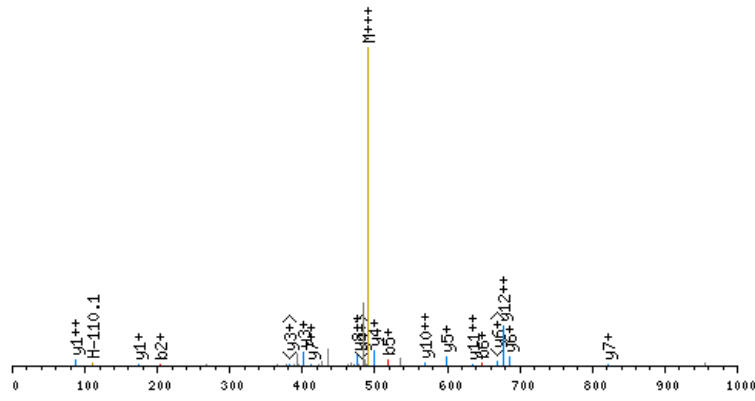
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 14		
203.1032	2	S 13	1481.7964	741.4021
332.1458	3	E 12	1394.7644	697.8861
403.1829	4	A 11	1265.7218	633.3648
500.2356	5	P 10	1194.6847	597.8463
597.2884	6	P 9	1097.6319	549.3199
710.3725	7	L 8	1000.5792	500.7935
809.4409	8	V 7	887.4951	444.2515
923.4838	9	N 6	788.4267	394.7173
1052.5264	10	E 5	674.3838	337.6958
1167.5533	11	D 4	545.3412	273.1745
1266.6217	12	V 3	430.3142	215.6610
1422.7480	13	K 2	331.2458	166.1268
	14	R 1	175.1195	88.0637

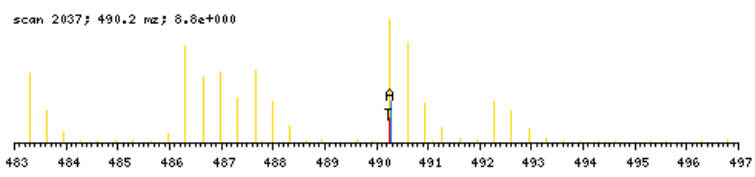
N-term:+29.04 K(13):+156.13

SSEGEHHSVVPQR, MH+ 1468.7032, m/z 490.2392
 L OS G27 P150811 220811-s1.02038.02038.3.dta

scan 2038; 1.3e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 13		
203.1032	2	S 12	1353.6399	677.3239
332.1458	3	E 11	1266.6079	633.8078
389.1672	4	G 10	1137.5653	569.2865
518.2098	5	E 9	1080.5438	540.7758
647.2524	6	E 8	951.5012	476.2545
784.3113	7	H 7	822.4586	411.7332
871.3433	8	S 6	685.3997	343.2038
970.4118	9	V 5	598.3677	299.6877
1069.4802	10	V 4	499.2993	250.1535
1166.5329	11	P 3	400.2308	200.6193
1294.5915	12	Q 2	303.1781	152.0930
	13	R 1	175.1195	88.0637

N-term:+29.04

SSFGEPISEVVVVKDR, MH+ 1687.0067, m/z 563.0071
 H OS G26 P150811 220811-s1.05291.05291.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

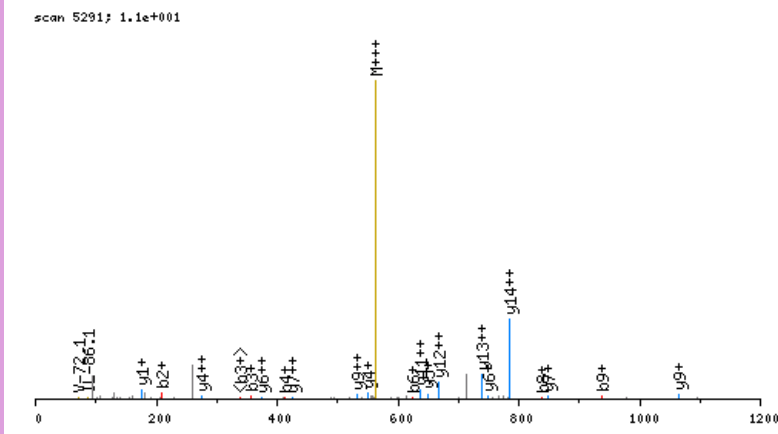
y + 2+ 3+

z + 2+ 3+

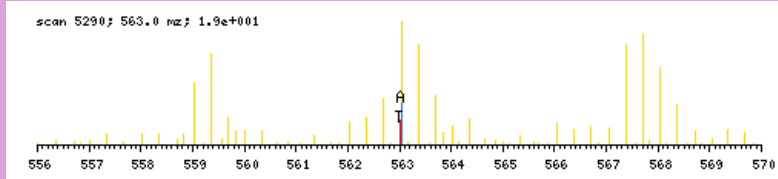
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 15		
209.1350	2	S 14	1565.9116	783.4597
356.2034	3	F 13	1478.8795	739.9437
413.2248	4	G 12	1331.8111	666.4095
510.2776	5	P 11	1274.7896	637.8987
623.3617	6	I 10	1177.7369	589.3724
710.3937	7	S 9	1064.6528	532.8303
839.4363	8	E 8	977.6208	489.3143
938.5047	9	V 7	848.5782	424.7930
1037.5731	10	V 6	749.5098	375.2588
1136.6415	11	V 5	650.4414	325.7246
1235.7099	12	V 4	551.3730	276.1904
1397.8680	13	K 3	452.3045	226.6562
1512.8950	14	D 2	290.1464	145.5771
	15	R 1	175.1195	88.0637

N-term:+35.07 K(13):+162.16

SSFIQGFVDHVKEDCDR, MH+ 2094.9918, m/z 524.5034
 L OS G28 P150811 220811-s1.08341.08341.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

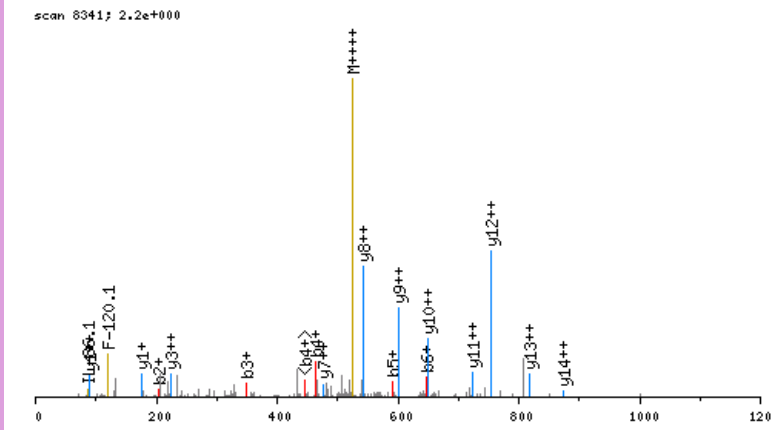
y + 2+ 3+

z + 2+ 3+

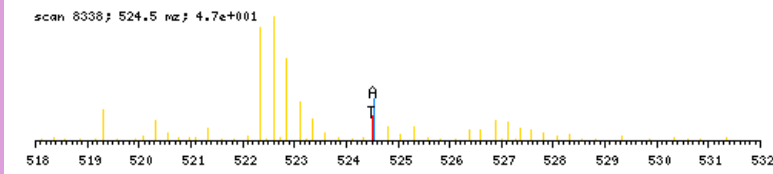
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	17		
203.1032	2	S	16	1979.9285	990.4682
350.1716	3	F	15	1892.8965	946.9522
463.2556	4	I	14	1745.8281	873.4180
591.3142	5	Q	13	1632.7440	816.8759
648.3357	6	G	12	1504.6854	752.8466
795.4041	7	F	11	1447.6640	724.3359
894.4725	8	V	10	1300.5956	650.8017
1009.4994	9	D	9	1201.5271	601.2675
1146.5584	10	H	8	1086.5002	543.7540
1245.6268	11	V	7	949.4413	475.2246
1401.7531	12	K	6	850.3729	425.6904
1530.7957	13	E	5	694.2466	347.6272
1645.8226	14	D	4	565.2040	283.1059
1805.8532	15	C	3	450.1770	225.5924
1920.8802	16	D	2	290.1464	145.5771
	17	R	1	175.1195	88.0637

N-term:+29.04 K(12):+156.13
 C(15):+160.03

SSGAIDTQQHEEVELR, MH+ 1832.9202, m/z 611.6449
 H OS G26 P150811 220811-s1.02823.02823.3.dta

scan 2823; 4.0e+000

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

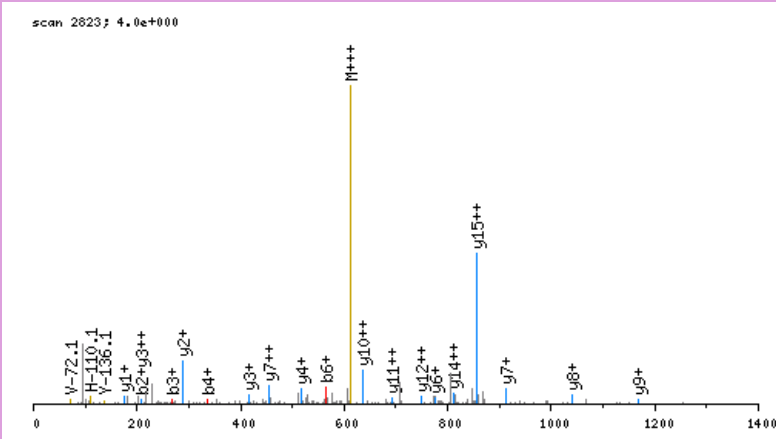
y + 2+ 3+

z + 2+ 3+

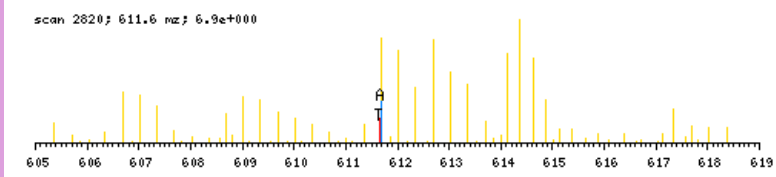
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



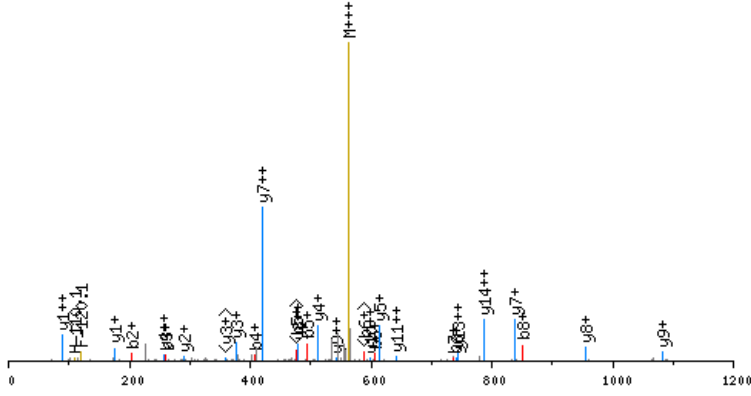
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 16		
209.1350	2	S 15	1711.8251	856.4165
266.1564	3	G 14	1624.7931	812.9005
337.1935	4	A 13	1567.7716	784.3897
450.2776	5	I 12	1496.7345	748.8712
565.3045	6	D 11	1383.6504	692.3291
666.3522	7	T 10	1268.6235	634.8157
794.4108	8	Q 9	1167.5758	584.2918
922.4694	9	Q 8	1039.5172	520.2625
1059.5283	10	H 7	911.4587	456.2332
1188.5709	11	E 6	774.3998	387.7038
1317.6135	12	E 5	645.3572	323.1825
1416.6819	13	V 4	516.3146	258.6612
1545.7245	14	E 3	417.2462	209.1270
1658.8085	15	L 2	288.2036	144.6057
	16	R 1	175.1195	88.0637

N-term:+35.07

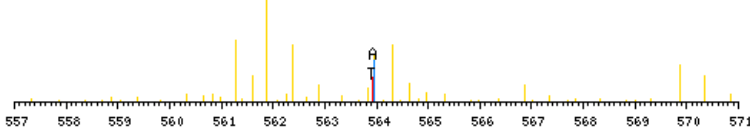
SSGFSLEDPQTHSNR, MH+ 1689.7832, m/z 563.9326
 L OS G27 P150811 220811-s1.03453.03453.3.dta

scan 3453; 5.0e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 3452; 563.9 m/z; 1.8e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 15		
203.1032	2	S 14	1574.7199	787.8639
260.1246	3	G 13	1487.6879	744.3479
407.1930	4	F 12	1430.6664	715.8371
494.2251	5	S 11	1283.5980	642.3029
607.3091	6	L 10	1196.5660	598.7869
736.3517	7	E 9	1083.4819	542.2449
851.3787	8	D 8	954.4393	477.7236
948.4314	9	P 7	839.4124	420.2101
1076.4900	10	Q 6	742.3596	371.6837
1177.5377	11	T 5	614.3010	307.6544
1314.5966	12	H 4	513.2534	257.1306
1401.6286	13	S 3	376.1945	188.6011
1515.6716	14	N 2	289.1624	145.0851
	15	R 1	175.1195	88.0637

N-term:+29.04

SSGKDGQCPLVVEQVR, MH+ 1814.9434, m/z 605.6527
 L OS G27 P150811 220811-s1.03604.03604.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

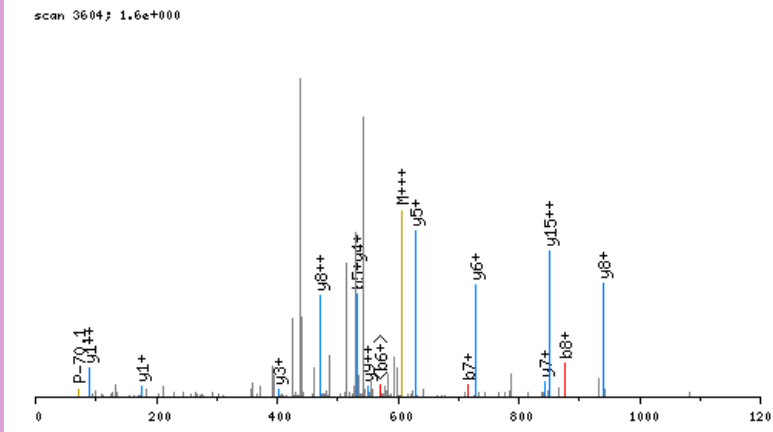
y + 2+ 3+

z + 2+ 3+

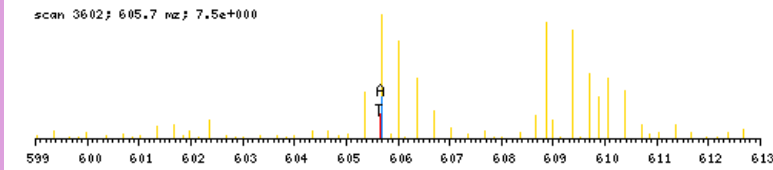
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



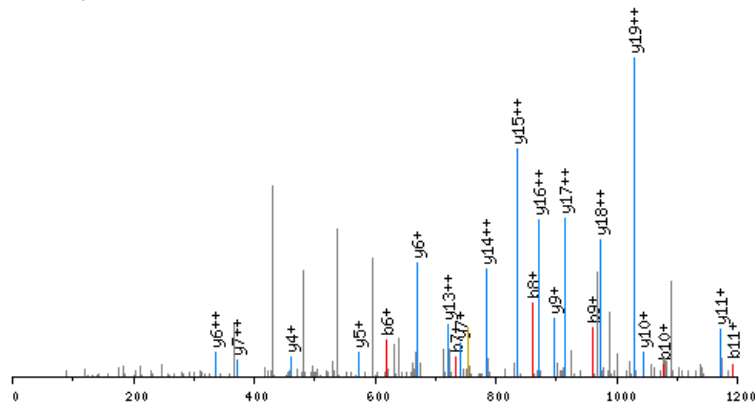
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 16		
203.1032	2	S 15	1699.8801	850.4440
260.1246	3	G 14	1612.8481	806.9280
416.2509	4	K 13	1555.8266	778.4172
531.2779	5	D 12	1399.7003	700.3541
588.2993	6	G 11	1284.6734	642.8406
716.3579	7	Q 10	1227.6519	614.3299
876.3885	8	C 9	1099.5933	550.3006
973.4413	9	P 8	939.5627	470.2853
1086.5253	10	L 7	842.5100	421.7589
1185.5937	11	V 6	729.4259	365.2169
1284.6622	12	V 5	630.3575	315.6827
1413.7048	13	E 4	531.2891	266.1485
1541.7633	14	Q 3	402.2465	201.6272
1640.8317	15	V 2	274.1879	137.5979
	16	R 1	175.1195	88.0637

N-term:+29.04 K(4):+156.13
 C(8):+160.03

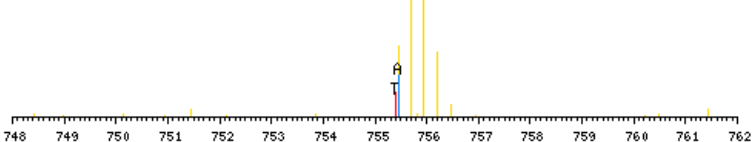
SSGKSDDEVDDSAVELKQFGVAPLTIAR, MH+ 3018.5636, m/z 755.3964
 L OS G27 P150811 220811-s1.07131.07131.4.dta

scan 7131; 1.3e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 7127; 755.4 mz; 2.0e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 28		
203.1032	2	S 27	2903.5003	1452.2541
260.1246	3	G 26	2816.4683	1408.7380
416.2509	4	K 25	2759.4468	1380.2273
503.2829	5	S 24	2603.3205	1302.1642
618.3099	6	D 23	2516.2885	1258.6481
733.3368	7	D 22	2401.2615	1201.1347
862.3794	8	E 21	2286.2346	1143.6212
961.4478	9	V 20	2157.1920	1079.0999
1076.4748	10	D 19	2058.1236	1029.5657
1191.5017	11	D 18	1943.0966	972.0522
1278.5338	12	S 17	1828.0697	914.5388
1349.5709	13	A 16	1741.0377	871.0227
1448.6393	14	V 15	1670.0005	835.5042
1577.6819	15	E 14	1570.9321	785.9700
1690.7659	16	L 13	1441.8895	721.4487
1846.8922	17	K 12	1328.8055	664.9066
1974.9508	18	Q 11	1172.6792	586.8435
2122.0192	19	F 10	1044.6206	522.8142
2179.0407	20	G 9	897.5522	449.2800
2278.1091	21	V 8	840.5307	420.7693
2349.1462	22	A 7	741.4623	371.2351
2446.1990	23	P 6	670.4252	335.7165
2559.2831	24	L 5	573.3724	287.1901
2660.3307	25	T 4	460.2884	230.6481
2773.4148	26	I 3	359.2407	180.1243
2844.4519	27	A 2	246.1566	123.5822
	28	R 1	175.1195	88.0637

N-term:+29.04 K(4):+156.13
 K(17):+156.13

SSGLEHDNLEAHSPEQPPR, MH+ 2134.0377, m/z 534.2649
 H OS G28 P150811 220811-s1.03240.03240.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

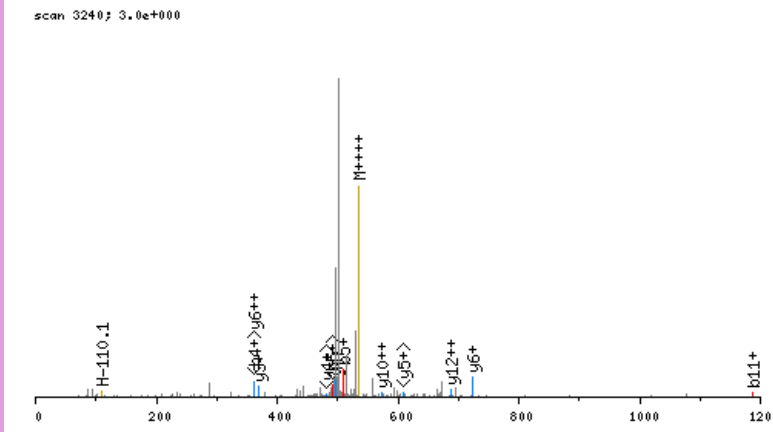
y + 2+ 3+

z + 2+ 3+

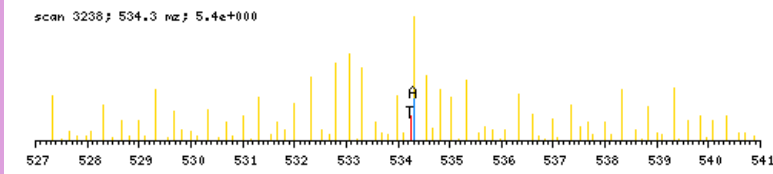
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
122.1029	1	S	19		
209.1350	2	S	18	2012.9426	1006.9752
266.1564	3	G	17	1925.9106	963.4592
379.2405	4	L	16	1868.8891	934.9485
508.2831	5	E	15	1755.8050	878.4064
645.3420	6	H	14	1626.7625	813.8851
760.3689	7	D	13	1489.7035	745.3557
874.4119	8	N	12	1374.6766	687.8422
987.4959	9	L	11	1260.6337	630.8207
1116.5385	10	E	10	1147.5496	574.2787
1187.5756	11	A	9	1018.5070	509.7574
1324.6345	12	H	8	947.4699	474.2389
1411.6666	13	S	7	810.4110	405.7094
1508.7193	14	P	6	723.3790	362.1934
1637.7619	15	E	5	626.3262	313.6670
1765.8205	16	Q	4	497.2836	249.1457
1862.8733	17	P	3	369.2250	185.1164
1959.9260	18	P	2	272.1723	136.5900
	19	R	1	175.1195	88.0637

N-term:+35.07

SSGPTNASAFter, MH+ 1352.6446, m/z 676.8259
 L OS G25 P150811 220811-s1.02839.02839.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

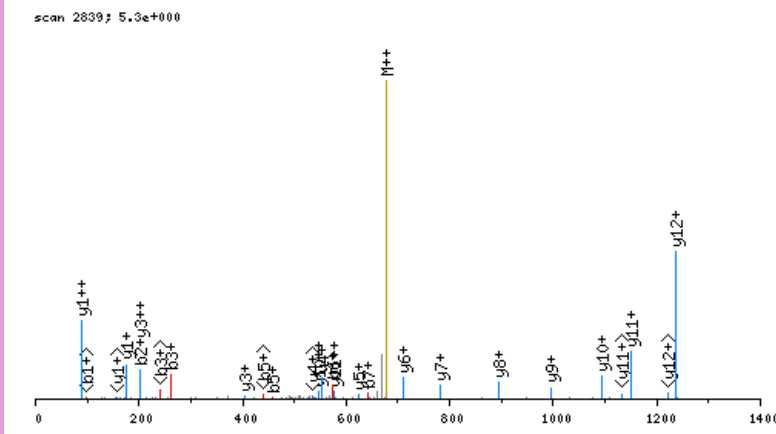
y + 2+ 3+

z + 2+ 3+

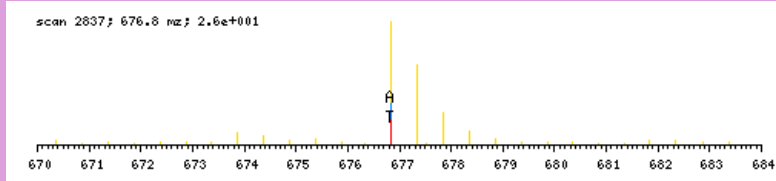
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



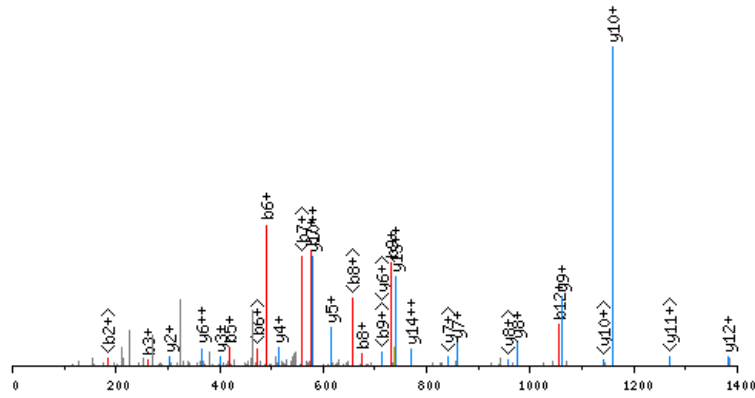
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 13		
203.1032	2	S 12	1237.5813	619.2946
260.1246	3	G 11	1150.5493	575.7786
357.1774	4	P 10	1093.5278	547.2678
458.2251	5	T 9	996.4750	498.7414
572.2680	6	N 8	895.4274	448.2176
643.3051	7	A 7	781.3844	391.1961
730.3371	8	S 6	710.3473	355.6776
801.3742	9	A 5	623.3153	312.1616
948.4427	10	F 4	552.2782	276.6430
1049.4903	11	T 3	405.2098	203.1088
1178.5329	12	E 2	304.1621	152.5850
	13	R 1	175.1195	88.0637

N-term:+29.04

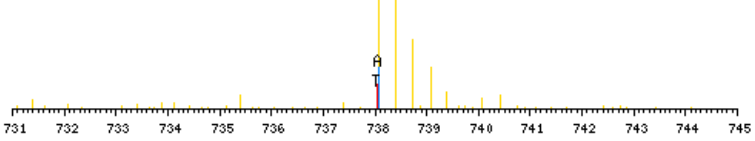
SSGTGASVGGPPQPSDQDTLVQR, MH+ 2212.0846, m/z 738.0330
 L OS G24 P150811 220811-s1.03118.03118.3.dta

scan 3118; 2.7e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 3117; 738.0 mz; 4.9e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	22		
203.1032	2	S	21	2097.0213	1049.0145
260.1246	3	G	20	2009.9892	1005.4985
361.1723	4	T	19	1952.9678	976.9878
418.1938	5	G	18	1851.9201	926.4640
489.2309	6	A	17	1794.8986	897.9532
576.2629	7	S	16	1723.8615	862.4347
675.3313	8	V	15	1636.8295	818.9186
732.3528	9	G	14	1537.7611	769.3844
829.4055	10	P	13	1480.7396	740.8737
926.4583	11	P	12	1383.6868	692.3473
1054.5169	12	Q	11	1286.6341	643.8209
1151.5697	13	P	10	1158.5755	579.7917
1238.6017	14	S	9	1061.5227	531.2653
1353.6286	15	D	8	974.4907	487.7493
1481.6872	16	Q	7	859.4638	430.2358
1596.7141	17	D	6	731.4052	366.2065
1697.7618	18	T	5	616.3782	308.6930
1810.8459	19	L	4	515.3306	258.1692
1909.9143	20	V	3	402.2465	201.6272
2037.9729	21	Q	2	303.1781	152.0930
	22	R	1	175.1195	88.0637

N-term:+29.04

SSIPLPSDDFKSTGIKIVYEDR, MH+ 2438.2819, m/z 610.3259
 L OS G27 P150811 220811-s1.06494.06494.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

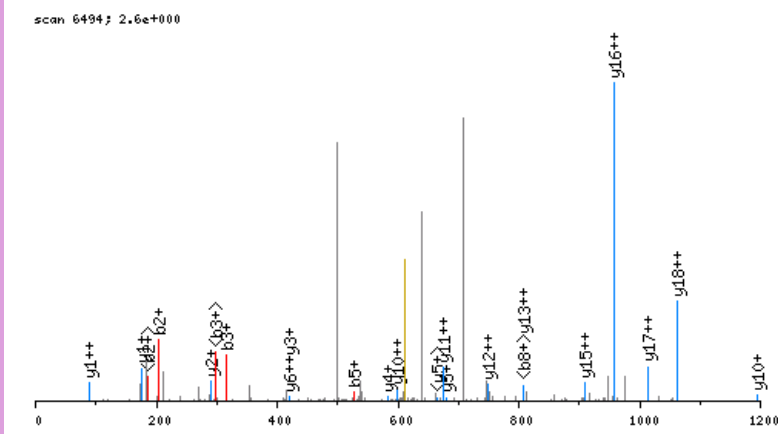
y + 2+ 3+

z + 2+ 3+

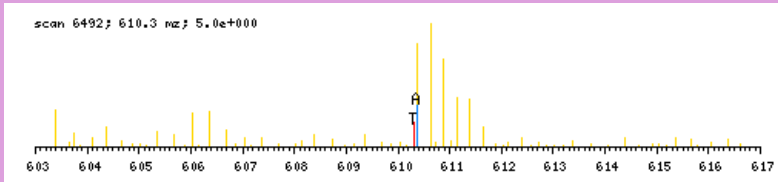
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	21		
203.1032	2	S	20	2323.2186	1162.1132
316.1872	3	I	19	2236.1866	1118.5972
413.2400	4	P	18	2123.1025	1062.0552
526.3240	5	L	17	2026.0498	1013.5288
623.3768	6	P	16	1912.9657	956.9868
710.4088	7	S	15	1815.9129	908.4604
825.4358	8	D	14	1728.8809	864.9444
940.4627	9	D	13	1613.8540	807.4309
1087.5311	10	F	12	1498.8270	749.9174
1243.6574	11	K	11	1351.7586	676.3832
1330.6895	12	S	10	1195.6323	598.3201
1431.7371	13	T	9	1108.6003	554.8041
1488.7586	14	G	8	1007.5526	504.2802
1601.8427	15	I	7	950.5311	475.7695
1757.9690	16	K	6	837.4471	419.2275
1857.0374	17	V	5	681.3208	341.1643
2020.1007	18	Y	4	582.2524	291.6301
2149.1433	19	E	3	419.1890	210.0984
2264.1703	20	D	2	290.1464	145.5771
	21	R	1	175.1195	88.0637

N-term: +29.04 K(11): +156.13
 K(16): +156.13

SSIPSHPSTAGKIFR, MH+ 1652.9760, m/z 413.9995
 H OS G28 P150811 220811-s1.03559.03559.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

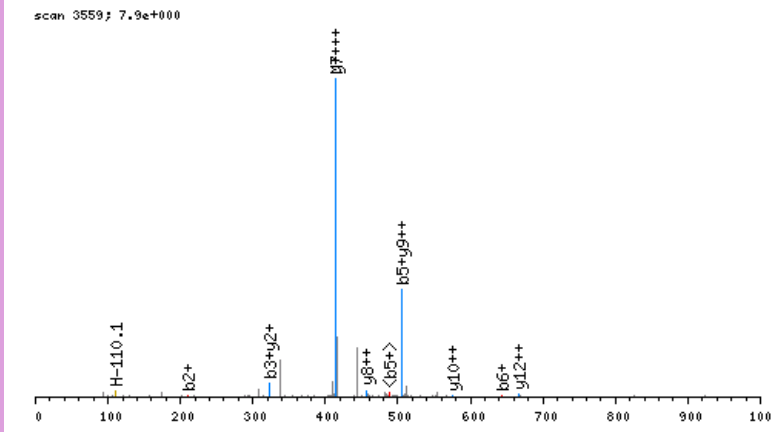
y + 2+ 3+

z + 2+ 3+

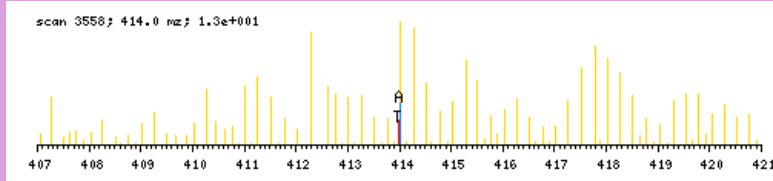
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 15		
209.1350	2	S 14	1531.8809	766.4444
322.2190	3	I 13	1444.8489	722.9284
419.2718	4	P 12	1331.7648	666.3863
506.3038	5	S 11	1234.7121	617.8599
643.3627	6	H 10	1147.6800	574.3439
740.4155	7	P 9	1010.6211	505.8145
827.4475	8	S 8	913.5684	457.2881
928.4952	9	T 7	826.5363	413.7721
999.5323	10	A 6	725.4887	363.2482
1056.5538	11	G 5	654.4515	327.7297
1218.7119	12	K 4	597.4301	299.2190
1331.7959	13	I 3	435.2720	218.1399
1478.8644	14	F 2	322.1879	161.5979
	15	R 1	175.1195	88.0637

N-term:+35.07 K(12):+162.16

SSKELEDMNQKLFDLR, MH+ 2037.0691, m/z 510.0227
 L OS G28 P150811 220811-s1.07734.07734.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

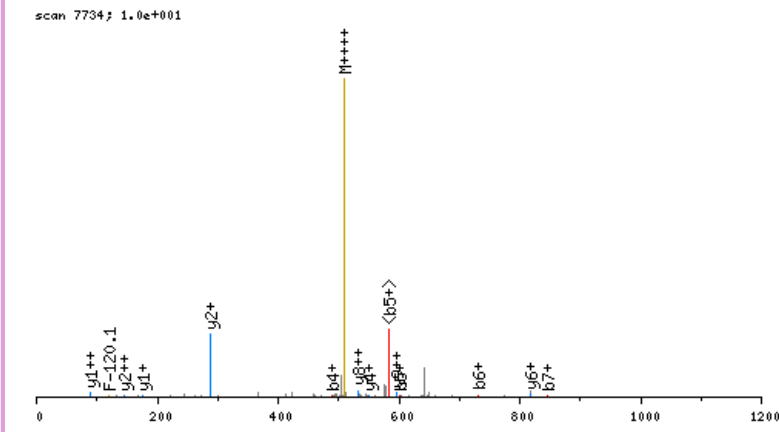
y + 2+ 3+

z + 2+ 3+

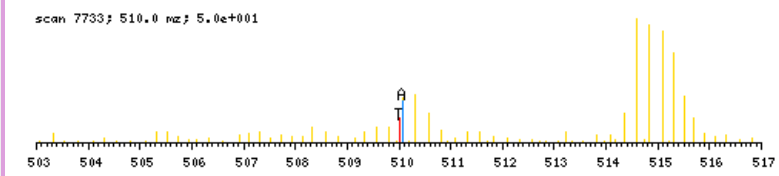
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	16		
203.1032	2	S	15	1922.0058	961.5068
359.2295	3	K	14	1834.9738	917.9908
488.2721	4	E	13	1678.8475	839.9276
601.3561	5	L	12	1549.8049	775.4064
730.3987	6	E	11	1436.7208	718.8643
845.4257	7	D	10	1307.6782	654.3430
976.4661	8	M	9	1192.6513	596.8296
1090.5091	9	N	8	1061.6108	531.3093
1218.5676	10	Q	7	947.5679	474.2878
1374.6939	11	K	6	819.5093	410.2586
1487.7780	12	L	5	663.3830	332.1954
1634.8464	13	F	4	550.2989	275.6534
1749.8734	14	D	3	403.2305	202.1192
1862.9574	15	L	2	288.2036	144.6057
	16	R	1	175.1195	88.0637

N-term: +29.04 K(3): +156.13
 K(11): +156.13

SSLASTGLSLTKVDER, MH+ 1732.0129, m/z 578.0091
 H OS G26 P150811 220811-s1.04502.04502.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

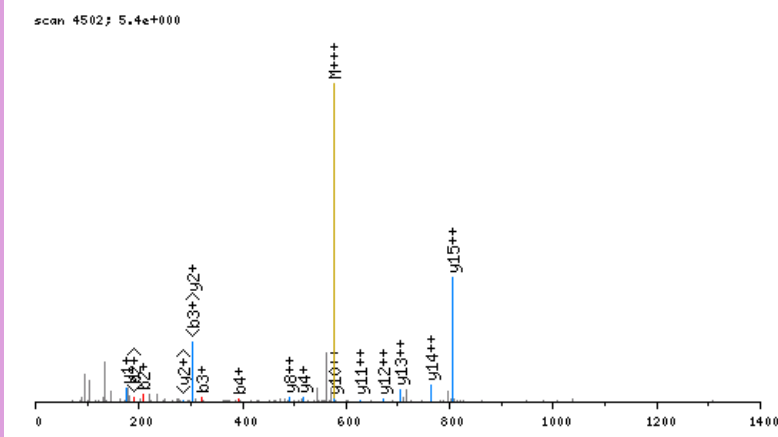
y + 2+ 3+

z + 2+ 3+

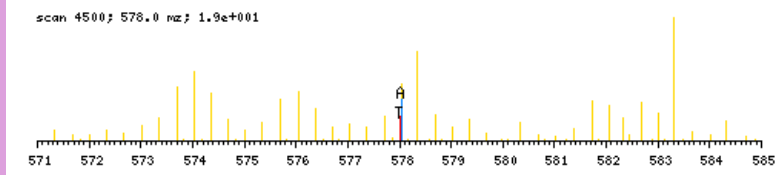
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 16		
209.1350	2	S 15	1610.9178	805.9628
322.2190	3	L 14	1523.8857	762.4468
393.2561	4	A 13	1410.8017	705.9047
480.2882	5	S 12	1339.7646	670.3862
581.3358	6	T 11	1252.7325	626.8702
638.3573	7	G 10	1151.6848	576.3463
751.4414	8	L 9	1094.6634	547.8356
838.4734	9	S 8	981.5793	491.2936
951.5575	10	L 7	894.5473	447.7776
1052.6051	11	T 6	781.4632	391.2355
1214.7632	12	K 5	680.4156	340.7117
1313.8317	13	V 4	518.2575	259.6326
1428.8586	14	D 3	419.1890	210.0984
1557.9012	15	E 2	304.1621	152.5850
	16	R 1	175.1195	88.0637

N-term:+35.07 K(12):+162.16

SSLEKSYELPDGQVITIGNER, MH+ 2391.2408, m/z 797.7518
 L OS G26 P150811 220811-s1.06109.06109.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

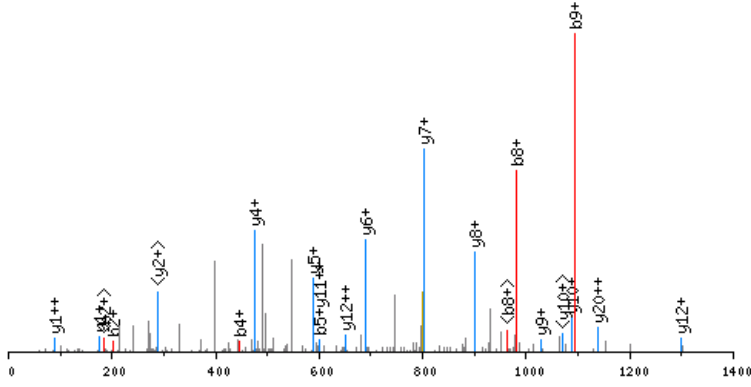
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

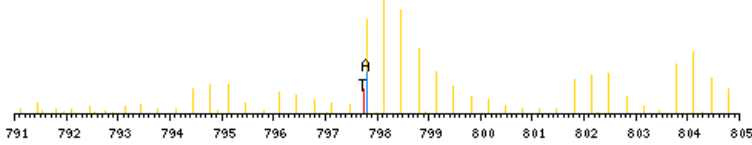
GO

scan 6109; 1.5e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 6105; 797.8 mz; 5.5e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	21		
203.1032	2	S	20	2276.1775	1138.5926
316.1872	3	L	19	2189.1454	1095.0766
445.2298	4	E	18	2076.0614	1038.5346
601.3561	5	K	17	1947.0188	974.0133
688.3881	6	S	16	1790.8925	895.9501
851.4515	7	Y	15	1703.8604	852.4341
980.4941	8	E	14	1540.7971	770.9025
1093.5781	9	L	13	1411.7545	706.3812
1190.6309	10	P	12	1298.6705	649.8391
1305.6578	11	D	11	1201.6177	601.3128
1362.6793	12	G	10	1086.5907	543.7993
1490.7379	13	Q	9	1029.5693	515.2886
1589.8063	14	V	8	901.5107	451.2593
1702.8904	15	I	7	802.4423	401.7251
1803.9380	16	T	6	689.3582	345.1830
1917.0221	17	I	5	588.3105	294.6592
1974.0436	18	G	4	475.2265	238.1172
2088.0865	19	N	3	418.2050	209.6064
2217.1291	20	E	2	304.1621	152.5850
	21	R	1	175.1195	88.0637

N-term:+29.04 K(5):+156.13

SSLSELTSSVLVER, MH+ 1635.8805, m/z 409.7256
 L OS G28 P150811 220811-s1.02117.02117.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

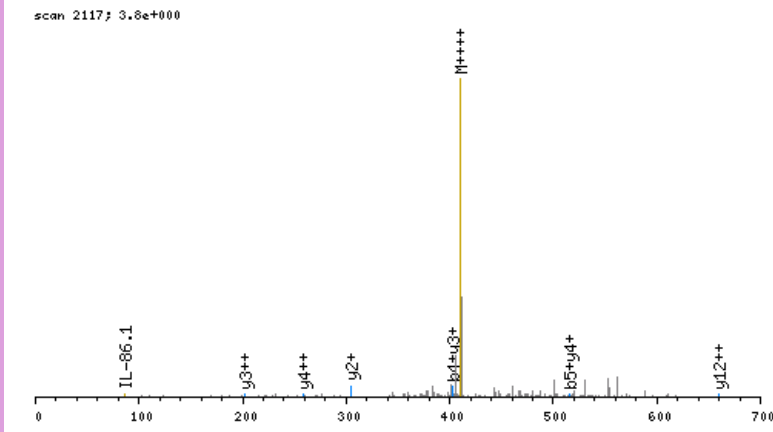
y + 2+ 3+

z + 2+ 3+

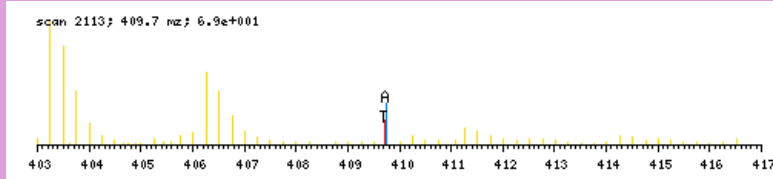
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

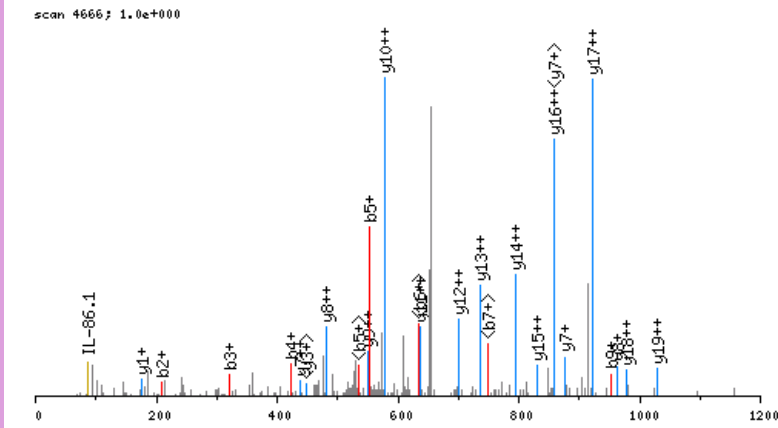


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

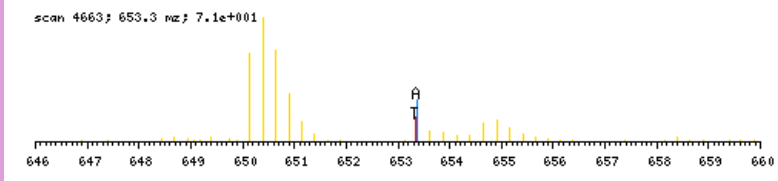
b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 15		
203.1032	2	S 14	1520.8172	760.9125
316.1872	3	L 13	1433.7851	717.3965
403.2192	4	S 12	1320.7011	660.8545
516.3033	5	L 11	1233.6691	617.3384
645.3459	6	E 10	1120.5850	560.7964
746.3936	7	T 9	991.5424	496.2751
847.4413	8	T 8	890.4947	445.7513
934.4733	9	S 7	789.4470	395.2274
1021.5053	10	S 6	702.4150	351.7114
1120.5737	11	V 5	615.3830	308.1954
1233.6578	12	L 4	516.3146	258.6612
1332.7262	13	V 3	403.2305	202.1192
1461.7688	14	E 2	304.1621	152.5850
	15	R 1	175.1195	88.0637

N-term:+29.04

SSLTETIEGADAEDGHSPGEQQKR, MH+ 2610.2920, m/z 653.3284
 H OS G28 P150811 220811-s1.04666.04666.4.dta



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 24		
209.1350	2	S 23	2489.1969	1245.1023
322.2190	3	L 22	2402.1648	1201.5863
423.2667	4	T 21	2289.0808	1145.0443
552.3093	5	E 20	2188.0331	1094.5205
653.3570	6	T 19	2058.9905	1029.9992
766.4410	7	I 18	1957.9428	979.4753
895.4836	8	E 17	1844.8587	922.9333
952.5051	9	G 16	1715.8162	858.4120
1023.5422	10	A 15	1658.7947	829.9013
1138.5691	11	D 14	1587.7576	794.3827
1209.6063	12	A 13	1472.7306	736.8692
1338.6489	13	E 12	1401.6935	701.3507
1453.6758	14	D 11	1272.6509	636.8294
1510.6973	15	G 10	1157.6240	579.3159
1647.7562	16	H 9	1100.6025	550.8052
1734.7882	17	S 8	963.5436	482.2757
1831.8410	18	P 7	876.5116	438.7597
1888.8624	19	G 6	779.4588	390.2333
2017.9050	20	E 5	722.4373	361.7226
2145.9636	21	Q 4	593.3948	297.2013
2274.0222	22	Q 3	465.3362	233.1720
2436.1803	23	K 2	337.2776	169.1427
	24	R 1	175.1195	88.0637

N-term:+35.07 K(23):+162.16

X-range:

0 - 0

MassTol: Y-zoom:

0. 1.

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

SSNTDFAFSLYR, MH+ 1435.6857, m/z 718.3465
 L OS G25 P150811 220811-s1.07115.07115.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

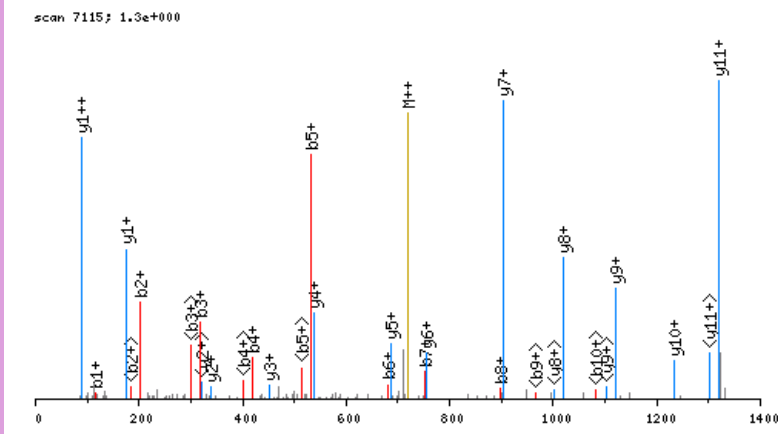
y + 2+ 3+

z + 2+ 3+

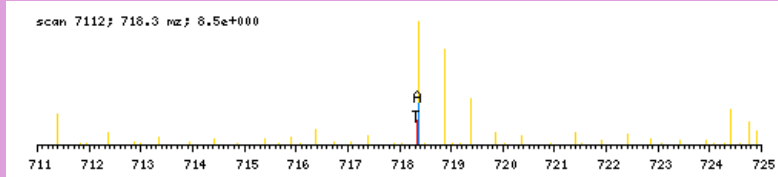
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



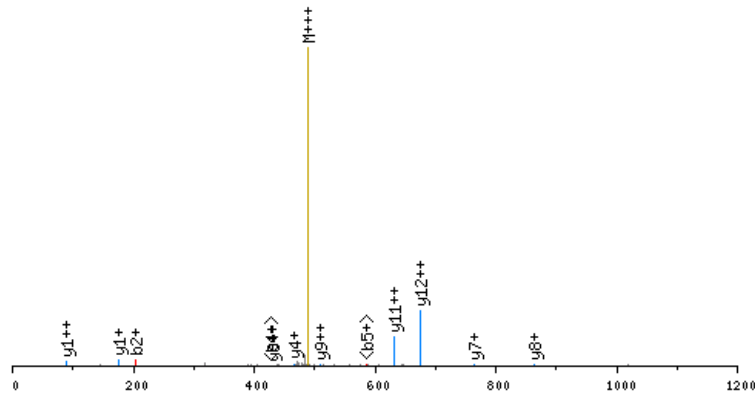
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 12		
203.1032	2	S 11	1320.6224	660.8151
317.1461	3	N 10	1233.5904	617.2991
418.1938	4	T 9	1119.5475	560.2777
533.2207	5	D 8	1018.4998	509.7538
680.2891	6	F 7	903.4729	452.2403
751.3262	7	A 6	756.4044	378.7061
898.3946	8	F 5	685.3673	343.1876
985.4267	9	S 4	538.2989	269.6534
1098.5107	10	L 3	451.2669	226.1374
1261.5741	11	Y 2	338.1828	169.5953
	12	R 1	175.1195	88.0637

N-term:+29.04

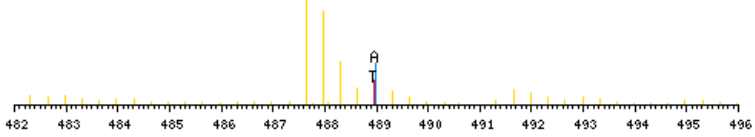
SSPFKVSPLSFGR, MH+ 1464.8215, m/z 488.9453
 L OS G27 P150811 220811-s1.06269.06269.3.dta

scan 6269; 1.6e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6267; 488.9 m/z; 5.8e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 13		
203.1032	2	S 12	1349.7582	675.3830
300.1559	3	P 11	1262.7262	631.8670
447.2243	4	F 10	1165.6734	583.3406
603.3506	5	K 9	1018.6050	509.8064
702.4190	6	V 8	862.4787	431.7433
789.4511	7	S 7	763.4103	382.2090
886.5038	8	P 6	676.3782	338.6930
999.5879	9	L 5	579.3255	290.1666
1086.6199	10	S 4	466.2414	233.6246
1233.6883	11	F 3	379.2094	190.1086
1290.7098	12	G 2	232.1410	116.5744
	13	R 1	175.1195	88.0637

N-term:+29.04 K(5):+156.13

SSPVHPESSEGEHSVVPQR, MH+ 2202.0427, m/z 551.2661
 L OS G28 P150811 220811-s1.02811.02811.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

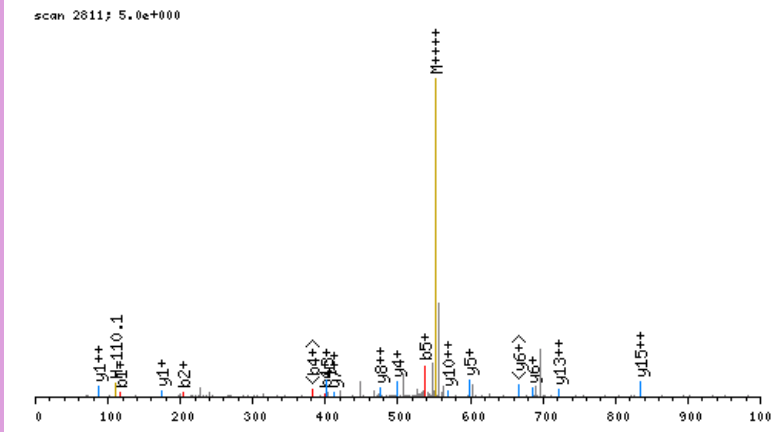
y + 2+ 3+

z + 2+ 3+

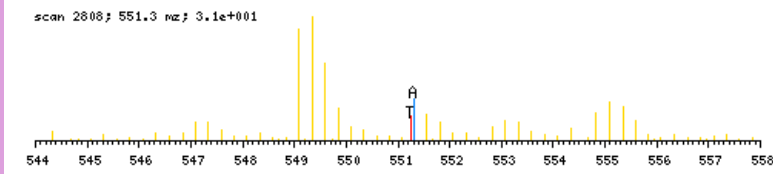
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	20		
203.1032	2	S	19	2086.9794	1043.9936
300.1559	3	P	18	1999.9474	1000.4776
399.2243	4	V	17	1902.8946	951.9512
536.2832	5	H	16	1803.8262	902.4170
633.3360	6	P	15	1666.7673	833.8875
762.3786	7	E	14	1569.7145	785.3612
849.4106	8	S	13	1440.6719	720.8399
936.4427	9	S	12	1353.6399	677.3239
1065.4853	10	E	11	1266.6079	633.8078
1122.5067	11	G	10	1137.5653	569.2865
1251.5493	12	E	9	1080.5438	540.7758
1380.5919	13	E	8	951.5012	476.2545
1517.6508	14	H	7	822.4586	411.7332
1604.6828	15	S	6	685.3997	343.2038
1703.7513	16	V	5	598.3677	299.6877
1802.8197	17	V	4	499.2993	250.1535
1899.8724	18	P	3	400.2308	200.6193
2027.9310	19	Q	2	303.1781	152.0930
	20	R	1	175.1195	88.0637

N-term:+29.04

SSQQTIPPSAKYGGK, MH+ 1632.8710, m/z 544.9618
 L OS G27 P150811 220811-s1.02484.02484.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

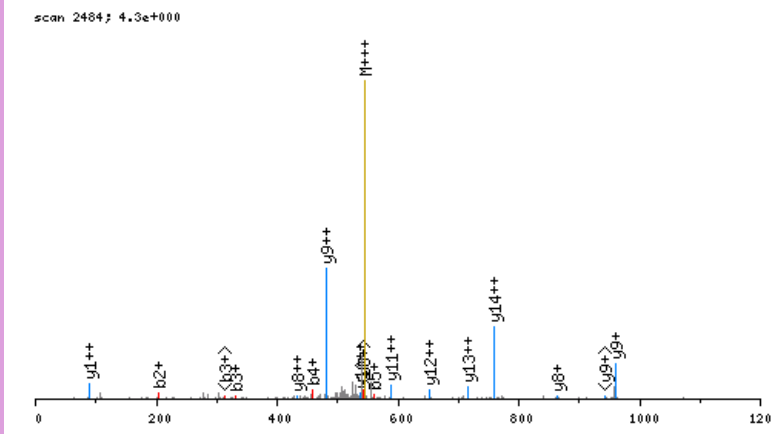
y + 2+ 3+

z + 2+ 3+

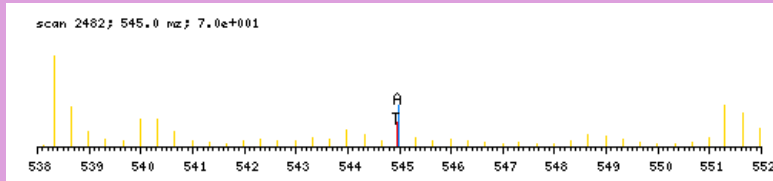
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



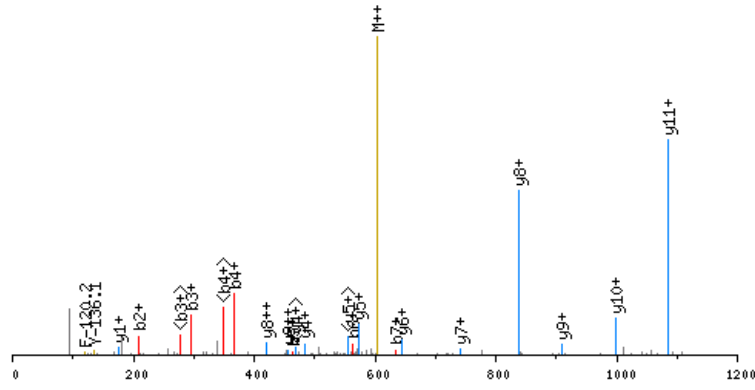
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	15		
203.1032	2	S	14	1517.8077	759.4077
331.1617	3	Q	13	1430.7756	715.8917
459.2203	4	Q	12	1302.7170	651.8624
560.2680	5	T	11	1174.6585	587.8331
673.3521	6	I	10	1073.6108	537.3093
770.4048	7	P	9	960.5267	480.7673
867.4576	8	P	8	863.4740	432.2409
954.4896	9	S	7	766.4212	383.7145
1025.5267	10	A	6	679.3892	340.1985
1181.6530	11	K	5	608.3521	304.6799
1344.7164	12	Y	4	452.2258	226.6168
1401.7378	13	G	3	289.1624	145.0851
1458.7593	14	G	2	232.1410	116.5744
	15	R	1	175.1195	88.0637

N-term:+29.04 K(11):+156.13

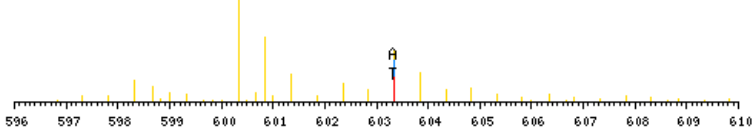
SSSAPVVASPNVR, MH+ 1205.6702, m/z 603.3387
 H OS G25 P150811 220811-s1.02263.02263.2.dta

scan 2263; 3.5e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 2262; 603.3 m/z; 2.9e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 12		
209.1350	2	S 11	1084.5751	542.7915
296.1670	3	S 10	997.5431	499.2754
367.2041	4	A 9	910.5110	455.7594
464.2569	5	P 8	839.4739	420.2409
563.3253	6	V 7	742.4212	371.7145
634.3624	7	A 6	643.3527	322.1803
721.3944	8	S 5	572.3156	286.6617
818.4472	9	P 4	485.2836	243.1457
932.4901	10	N 3	388.2308	194.6193
1031.5585	11	V 2	274.1879	137.5979
	12	R 1	175.1195	88.0637

N-term:+35.07

SSSEDKITVHFKNR, MH+ 1731.9394, m/z 433.7403
 L OS G28 P150811 220811-s1.02824.02824.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

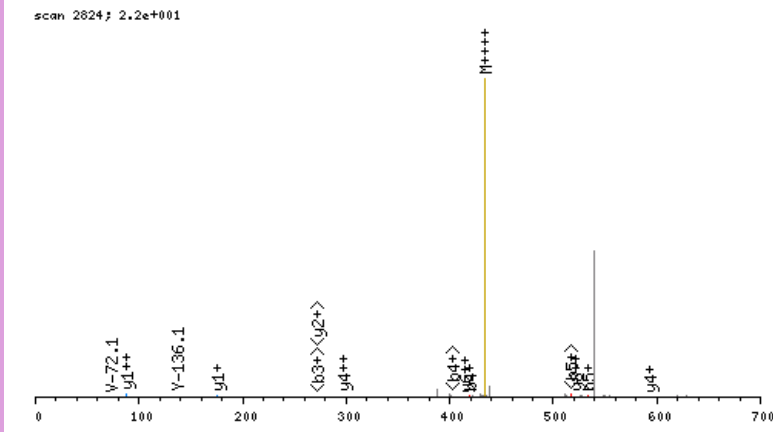
y + 2+ 3+

z + 2+ 3+

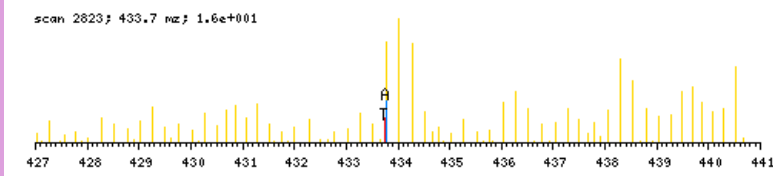
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 14		
203.1032	2	S 13	1616.8761	808.9420
290.1352	3	S 12	1529.8441	765.4260
419.1778	4	E 11	1442.8120	721.9099
534.2047	5	D 10	1313.7695	657.3886
690.3310	6	K 9	1198.7425	599.8752
803.4151	7	I 8	1042.6162	521.8120
904.4628	8	T 7	929.5321	465.2700
1003.5312	9	V 6	828.4845	414.7461
1140.5901	10	H 5	729.4161	365.2119
1287.6585	11	F 4	592.3571	296.6825
1443.7848	12	K 3	445.2887	223.1483
1557.8277	13	N 2	289.1624	145.0851
	14	R 1	175.1195	88.0637

N-term:+29.04 K(6):+156.13
 K(12):+156.13

SSSLPDCYR, MH+ 1231.6204, m/z 616.3139
 H OS G25 P150811 220811-s1.04881.04881.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

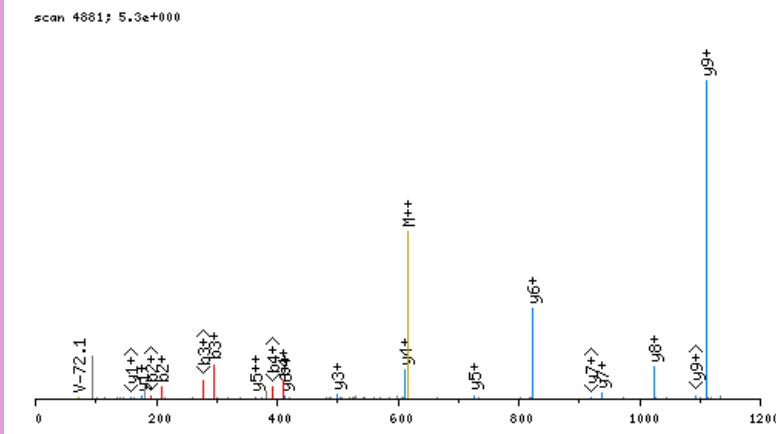
y + 2+ 3+

z + 2+ 3+

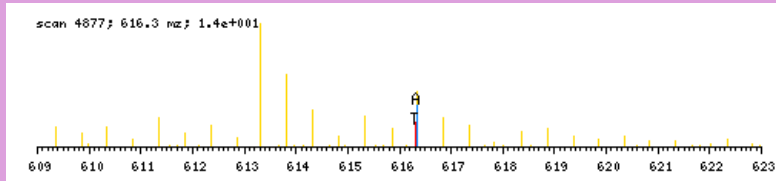
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S	10	
209.1350	2	S	9	1110.5253 555.7666
296.1670	3	S	8	1023.4933 512.2506
409.2510	4	L	7	936.4613 468.7345
506.3038	5	P	6	823.3772 412.1925
621.3308	6	D	5	726.3244 363.6661
734.4148	7	I	4	611.2975 306.1527
894.4454	8	C	3	498.2134 249.6106
1057.5087	9	Y	2	338.1828 169.5953
	10	R	1	175.1195 88.0637

N-term:+35.07 C(8):+160.03

SSVETQPAEEVR, MH+ 1359.6756, m/z 680.3414
 L OS G25 P150811 220811-s1.02348.02348.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

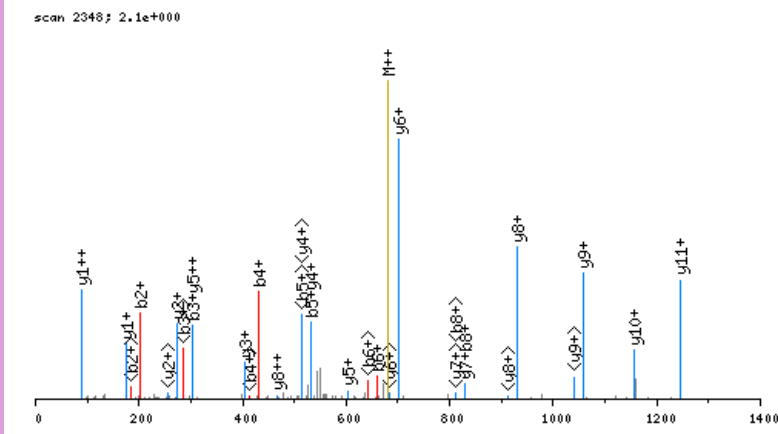
y + 2+ 3+

z + 2+ 3+

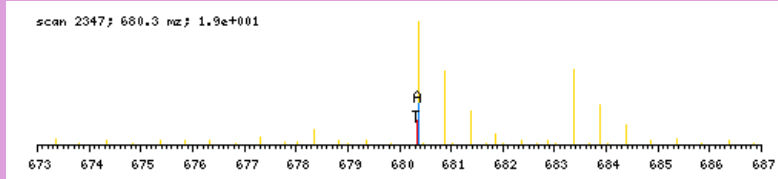
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 12		
203.1032	2	S 11	1244.6123	622.8100
302.1716	3	V 10	1157.5802	579.2940
431.2142	4	E 9	1058.5118	529.7598
532.2618	5	T 8	929.4692	465.2385
660.3204	6	Q 7	828.4216	414.7147
757.3732	7	P 6	700.3630	350.6854
828.4103	8	A 5	603.3102	302.1590
957.4529	9	E 4	532.2731	266.6405
1086.4955	10	E 3	403.2305	202.1192
1185.5639	11	V 2	274.1879	137.5979
	12	R 1	175.1195	88.0637

N-term:+29.04

SSVEYEPKEKTFDKILIANR, MH+ 2479.3813, m/z 620.6008
 L OS G28 P150811 220811-s1.06027.06027.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

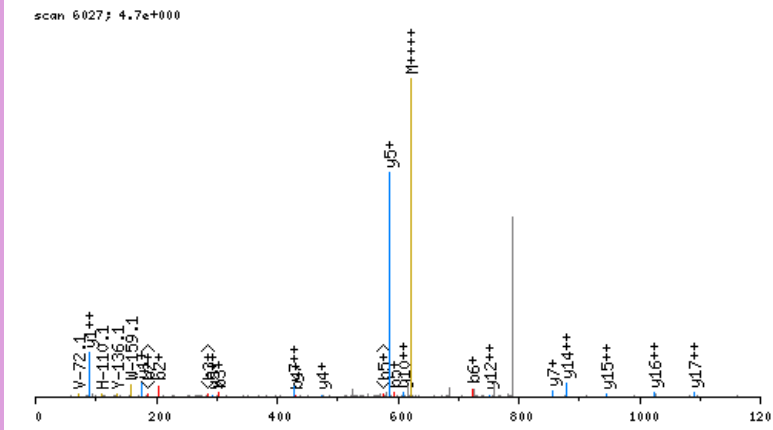
y + 2+ 3+

z + 2+ 3+

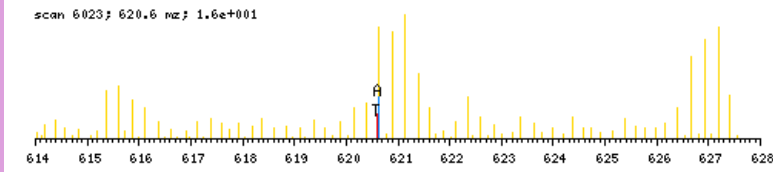
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	20		
203.1032	2	S	19	2364.3180	1182.6629
302.1716	3	V	18	2277.2860	1139.1469
431.2142	4	E	17	2178.2175	1089.6127
594.2775	5	Y	16	2049.1749	1025.0914
723.3201	6	E	15	1886.1116	943.5597
820.3728	7	P	14	1757.0690	879.0384
976.4991	8	K	13	1660.0163	830.5120
1105.5417	9	E	12	1503.8900	752.4489
1261.6680	10	K	11	1374.8474	687.9276
1362.7157	11	T	10	1218.7211	609.8644
1509.7841	12	F	9	1117.6734	559.3406
1624.8111	13	D	8	970.6050	485.8064
1780.9374	14	K	7	855.5780	428.2929
1894.0214	15	I	6	699.4517	350.2298
2007.1055	16	L	5	586.3677	293.6877
2120.1896	17	I	4	473.2836	237.1457
2191.2267	18	A	3	360.1995	180.6037
2305.2696	19	N	2	289.1624	145.0851
	20	R	1	175.1195	88.0637

N-term:+29.04 K(8):+156.13
 K(10):+156.13 K(14):+156.13

SSVYGASVSDLDLKR, MH+ 1680.9081, m/z 560.9742
 H OS G26 P150811 220811-s1.02977.02977.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

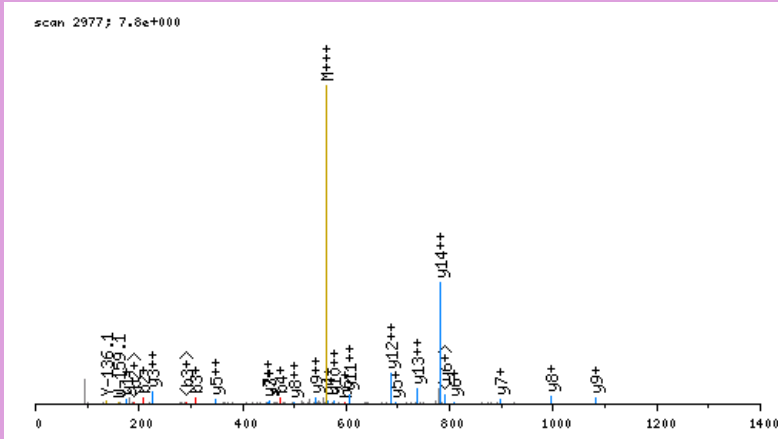
y + 2+ 3+

z + 2+ 3+

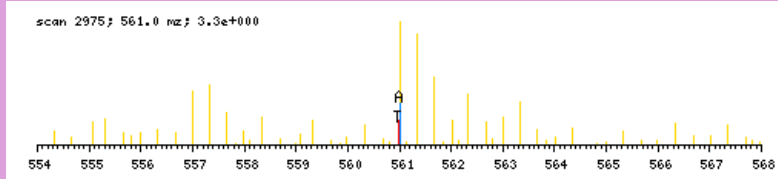
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



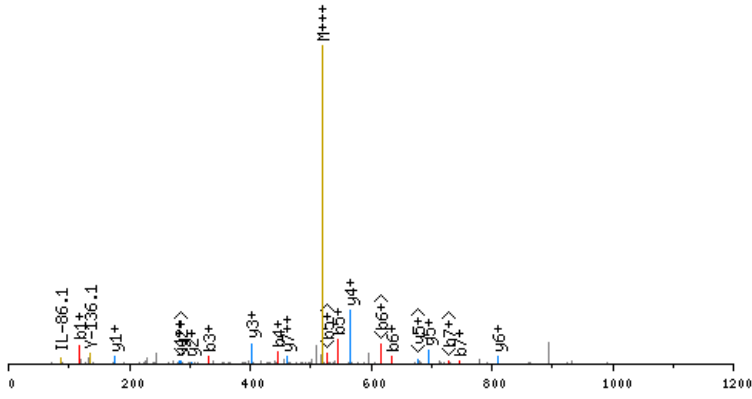
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
122.1029	1	S	15		
209.1350	2	S	14	1559.8130	780.4104
308.2034	3	V	13	1472.7809	736.8944
471.2667	4	Y	12	1373.7125	687.3602
528.2882	5	G	11	1210.6492	605.8285
599.3253	6	A	10	1153.6277	577.3178
686.3573	7	S	9	1082.5906	541.7992
785.4257	8	V	8	995.5586	498.2832
872.4577	9	S	7	896.4902	448.7490
987.4847	10	D	6	809.4581	405.2330
1116.5273	11	E	5	694.4312	347.7195
1231.5542	12	D	4	565.3886	283.1982
1344.6383	13	L	3	450.3617	225.6847
1506.7964	14	K	2	337.2776	169.1427
	15	R	1	175.1195	88.0637

N-term:+35.07 K(14):+162.16

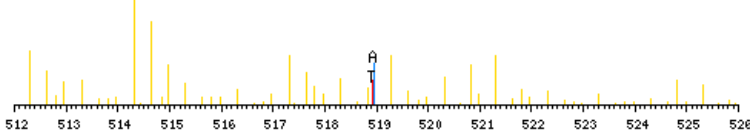
STDITSLDQYVER, MH+ 1554.7651, m/z 518.9266
 L OS G25 P150811 220811-s1.06689.06689.3.dta

scan 6689; 6.0e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6687; 518.9 m/z; 1.5e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 13		
217.1188	2	T 12	1439.7018	720.3548
332.1458	3	D 11	1338.6541	669.8310
445.2298	4	I 10	1223.6272	612.3175
546.2775	5	T 9	1110.5431	555.7755
633.3095	6	S 8	1009.4954	505.2516
746.3936	7	L 7	922.4634	461.7356
861.4205	8	D 6	809.3794	405.1936
989.4791	9	Q 5	694.3524	347.6801
1152.5424	10	Y 4	566.2938	283.6508
1251.6108	11	V 3	403.2305	202.1192
1380.6534	12	E 2	304.1621	152.5850
	13	R 1	175.1195	88.0637

N-term:+29.04

STEALISHTLER, MH+ 1384.7436, m/z 462.2527
 L OS G27 P150811 220811-s1.04671.04671.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

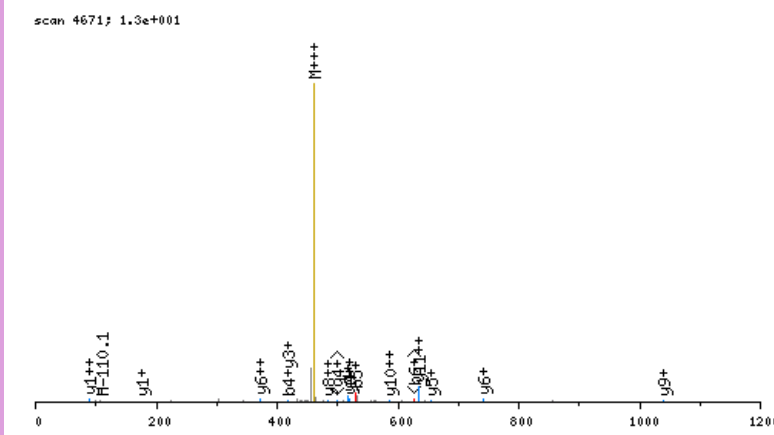
y + 2+ 3+

z + 2+ 3+

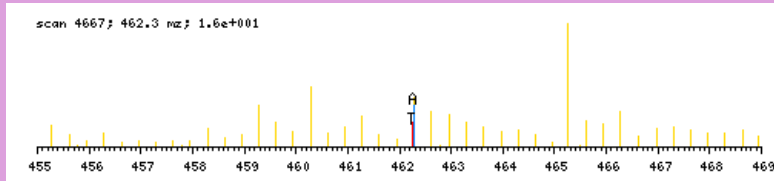
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



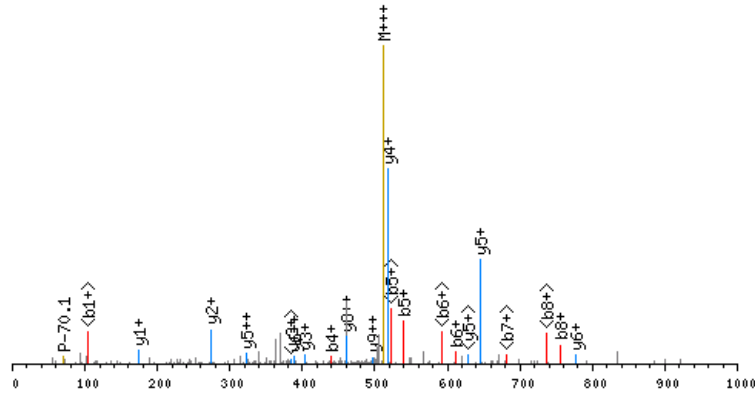
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 12		
217.1188	2	T 11	1269.6803	635.3441
346.1614	3	E 10	1168.6326	584.8202
417.1985	4	A 9	1039.5900	520.2989
530.2826	5	L 8	968.5529	484.7804
643.3666	6	I 7	855.4688	428.2383
730.3987	7	S 6	742.3848	371.6963
867.4576	8	H 5	655.3527	328.1803
968.5053	9	T 4	518.2938	259.6508
1081.5893	10	L 3	417.2462	209.1270
1210.6319	11	E 2	304.1621	152.5850
	12	R 1	175.1195	88.0637

N-term:+29.04

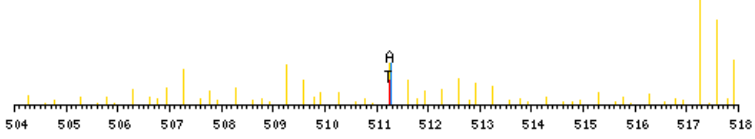
STESTASGMQDEV, MH+ 1531.7122, m/z 511.2423
 H OS G25 P150811 220811-s1.02554.02554.3.dta

scan 2554; 2.8e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2552; 511.2 m/z; 4.2e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 14		
223.1506	2	T 13	1410.6171	705.8125
352.1932	3	E 12	1309.5694	655.2886
439.2252	4	S 11	1180.5268	590.7673
540.2729	5	T 10	1093.4948	547.2513
611.3100	6	A 9	992.4471	496.7275
698.3420	7	S 8	921.4100	461.2089
755.3635	8	G 7	834.3780	417.6929
886.4040	9	M 6	777.3565	389.1822
1014.4626	10	Q 5	646.3160	323.6619
1129.4895	11	D 4	518.2575	259.6326
1258.5321	12	E 3	403.2305	202.1192
1357.6005	13	V 2	274.1879	137.5979
	14	R 1	175.1195	88.0637

N-term:+35.07

STGTFVVSQPLNYR, MH+ 1596.8386, m/z 532.9510
 L OS G25 P150811 220811-s1.06739.06739.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

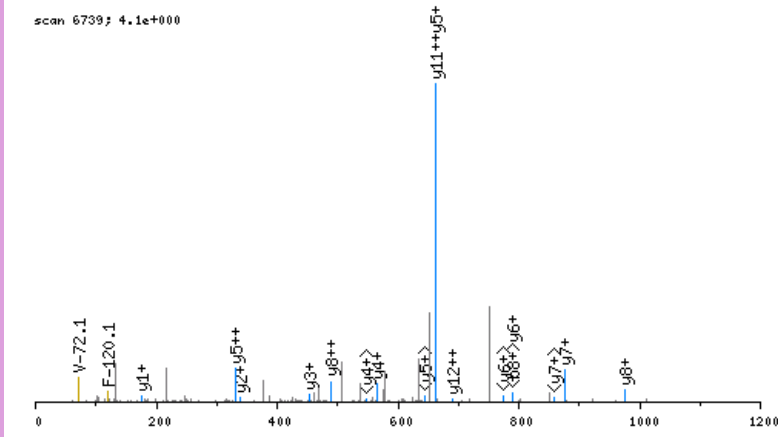
y + 2+ 3+

z + 2+ 3+

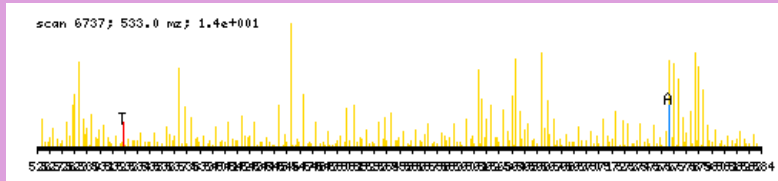
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 14		
217.1188	2	T 13	1481.7753	741.3915
274.1403	3	G 12	1380.7276	690.8677
375.1879	4	T 11	1323.7061	662.3570
522.2564	5	F 10	1222.6584	611.8331
621.3248	6	V 9	1075.5900	538.2989
720.3932	7	V 8	976.5216	488.7647
807.4252	8	S 7	877.4532	439.2305
935.4838	9	Q 6	790.4212	395.7145
1032.5366	10	P 5	662.3626	331.6852
1145.6206	11	L 4	565.3098	283.1588
1259.6636	12	N 3	452.2258	226.6168
1422.7269	13	Y 2	338.1828	169.5953
	14	R 1	175.1195	88.0637

N-term:+29.04

STHQAAVVSKIDSR, MH+ 1554.8604, m/z 389.4706
 L OS G28 P150811 220811-s1.02209.02209.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

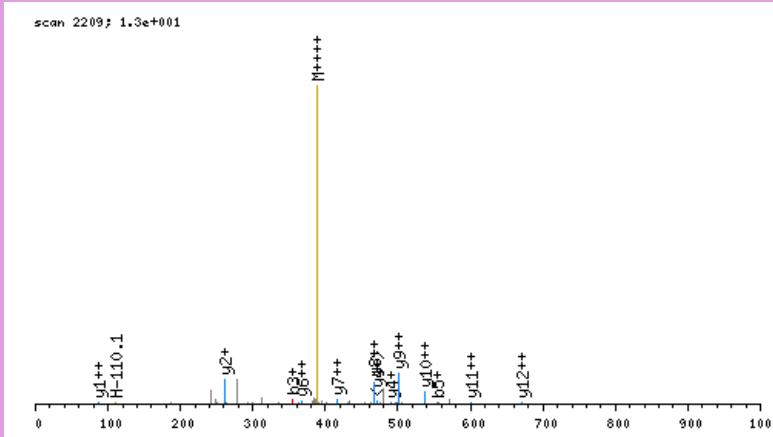
y + 2+ 3+

z + 2+ 3+

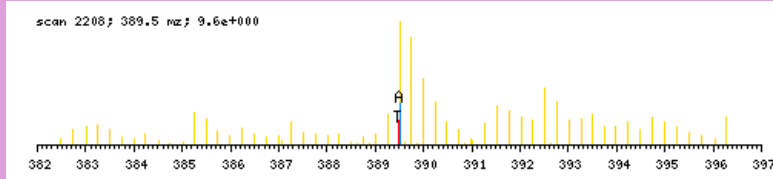
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 14		
217.1188	2	T 13	1439.7971	720.4025
354.1777	3	H 12	1338.7494	669.8786
482.2363	4	Q 11	1201.6905	601.3492
553.2734	5	A 10	1073.6319	537.3199
624.3105	6	A 9	1002.5948	501.8013
723.3789	7	V 8	931.5577	466.2828
822.4474	8	V 7	832.4893	416.7486
909.4794	9	S 6	733.4209	367.2143
1065.6057	10	K 5	646.3888	323.6983
1178.6897	11	I 4	490.2625	245.6352
1293.7167	12	D 3	377.1785	189.0931
1380.7487	13	S 2	262.1515	131.5797
	14	R 1	175.1195	88.0637

N-term:+29.04 K(10):+156.13

STIIHYEILEER, MH+ 1530.8168, m/z 510.9438
 L OS G27 P150811 220811-s1.05880.05880.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

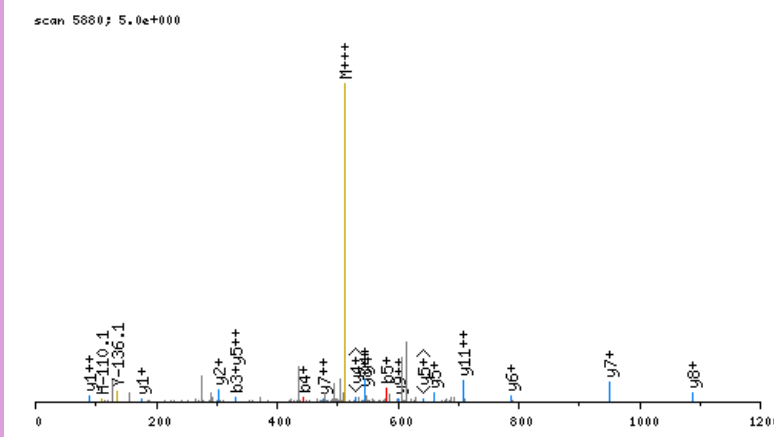
y + 2+ 3+

z + 2+ 3+

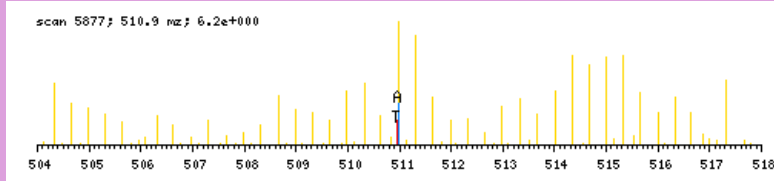
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 12		
217.1188	2	T 11	1415.7535	708.3806
330.2029	3	I 10	1314.7058	657.8568
443.2869	4	I 9	1201.6217	601.3148
580.3458	5	H 8	1088.5376	544.7727
743.4092	6	Y 7	951.4787	476.2433
872.4518	7	E 6	788.4154	394.7116
985.5358	8	I 5	659.3728	330.1903
1098.6199	9	L 4	546.2888	273.6483
1227.6625	10	E 3	433.2047	217.1063
1356.7051	11	E 2	304.1621	152.5850
	12	R 1	175.1195	88.0637

N-term:+29.04

STLSKPAPLTGTLEVR, MH+ 1726.0115, m/z 576.0087
 L OS G26 P150811 220811-s1.04146.04146.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

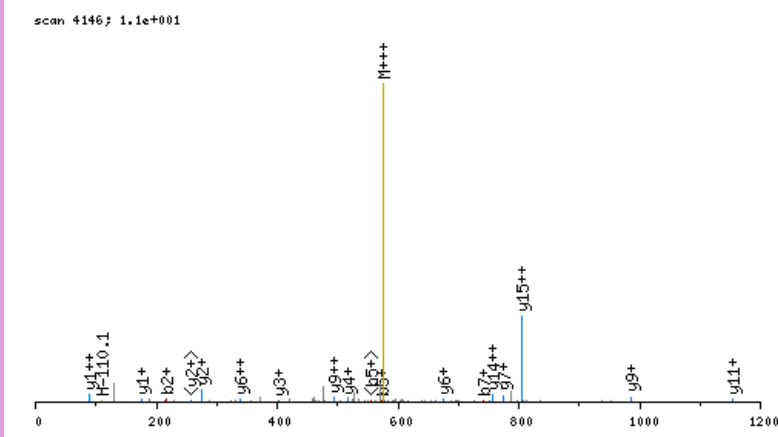
y + 2+ 3+

z + 2+ 3+

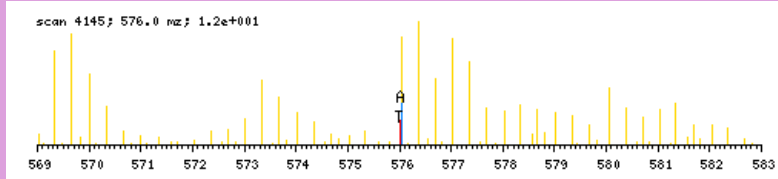
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 16		
217.1188	2	T 15	1610.9482	805.9780
330.2029	3	L 14	1509.9005	755.4542
417.2349	4	S 13	1396.8164	698.9121
573.3612	5	K 12	1309.7844	655.3961
670.4140	6	P 11	1153.6581	577.3330
741.4511	7	A 10	1056.6053	528.8066
838.5038	8	P 9	985.5682	493.2880
951.5879	9	L 8	888.5155	444.7616
1052.6356	10	T 7	775.4314	388.2196
1109.6570	11	G 6	674.3837	337.6958
1210.7047	12	T 5	617.3623	309.1850
1323.7888	13	L 4	516.3146	258.6612
1452.8314	14	E 3	403.2305	202.1192
1551.8998	15	V 2	274.1879	137.5979
	16	R 1	175.1195	88.0637

N-term:+29.04 K(5):+156.13

STPPSAYGSVKPYTNFDAER, MH+ 2243.0984, m/z 748.3710
 L OS G26 P150811 220811-s1.04147.04147.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

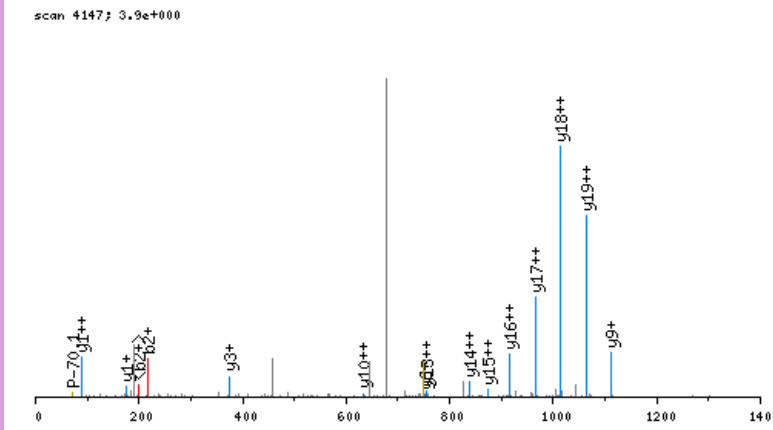
y + 2+ 3+

z + 2+ 3+

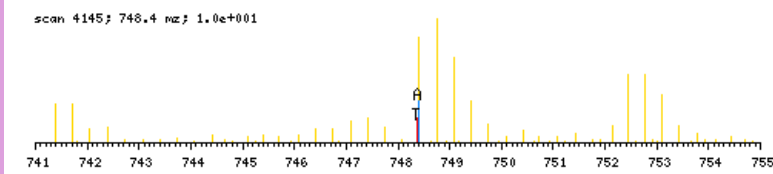
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	20		
217.1188	2	T	19	2128.0351	1064.5215
314.1716	3	P	18	2026.9875	1013.9976
411.2243	4	P	17	1929.9347	965.4713
498.2564	5	S	16	1832.8819	916.9449
569.2935	6	A	15	1745.8499	873.4289
732.3568	7	Y	14	1674.8128	837.9103
789.3783	8	G	13	1511.7495	756.3786
876.4103	9	S	12	1454.7280	727.8679
975.4787	10	V	11	1367.6960	684.3519
1131.6050	11	K	10	1268.6276	634.8177
1228.6578	12	P	9	1112.5013	556.7545
1391.7211	13	Y	8	1015.4485	508.2282
1492.7688	14	T	7	852.3852	426.6965
1606.8117	15	N	6	751.3375	376.1727
1753.8801	16	F	5	637.2946	319.1512
1868.9071	17	D	4	490.2262	245.6170
1939.9442	18	A	3	375.1992	188.1035
2068.9868	19	E	2	304.1621	152.5850
	20	R	1	175.1195	88.0637

N-term:+29.04 K(11):+156.13

STPQSQFQESSPVWKLGR, MH+ 2118.0984, m/z 706.7043
 L OS G26 P150811 220811-s1.04971.04971.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

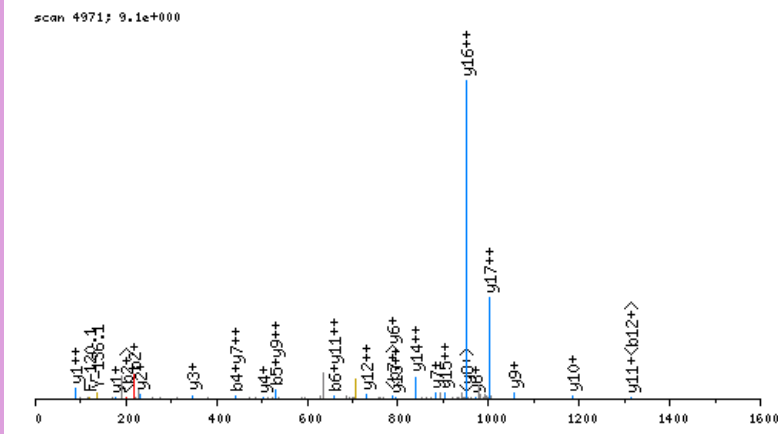
y + 2+ 3+

z + 2+ 3+

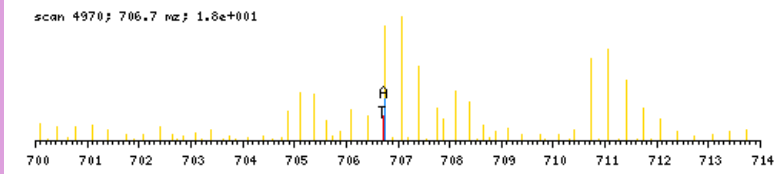
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



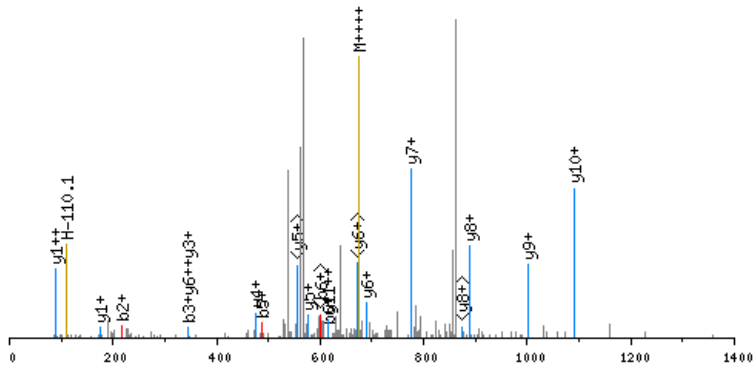
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	18		
217.1188	2	T	17	2003.0351	1002.0215
314.1716	3	P	16	1901.9874	951.4976
442.2301	4	Q	15	1804.9346	902.9712
529.2622	5	S	14	1676.8761	838.9419
657.3208	6	Q	13	1589.8440	795.4259
804.3892	7	F	12	1461.7855	731.3966
932.4477	8	Q	11	1314.7170	657.8624
1061.4903	9	E	10	1186.6585	593.8331
1148.5224	10	S	9	1057.6159	529.3119
1235.5544	11	S	8	970.5838	485.7958
1332.6072	12	P	7	883.5518	442.2798
1431.6756	13	V	6	786.4991	393.7534
1617.7549	14	W	5	687.4306	344.2192
1773.8812	15	K	4	501.3513	251.1796
1886.9653	16	L	3	345.2250	173.1164
1943.9867	17	G	2	232.1410	116.5744
	18	R	1	175.1195	88.0637

N-term:+29.04 K(15):+156.13

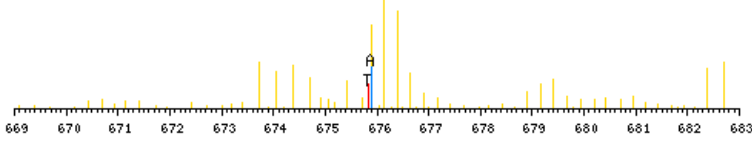
STQAAEDKEEESLHSIISNTEAVR, MH+ 2700.3328, m/z 675.8387
 L OS G27 P150811 220811-s1.06331.06331.4.dta

scan 6331; 1.2e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 6327; 675.8 m/z; 7.0e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 24		
217.1188	2	T 23	2585.2695	1293.1387
345.1774	3	Q 22	2484.2218	1242.6148
416.2145	4	A 21	2356.1633	1178.5855
487.2516	5	A 20	2285.1261	1143.0670
616.2942	6	E 19	2214.0890	1107.5484
731.3211	7	D 18	2085.0464	1043.0271
887.4474	8	K 17	1970.0195	985.5137
1016.4900	9	E 16	1813.8932	907.4505
1145.5326	10	E 15	1684.8506	842.9292
1274.5752	11	E 14	1555.8080	778.4079
1361.6073	12	S 13	1426.7654	713.8866
1474.6913	13	L 12	1339.7334	670.3706
1611.7502	14	H 11	1226.6493	613.8286
1698.7823	15	S 10	1089.5904	545.2991
1811.8663	16	I 9	1002.5584	501.7831
1924.9504	17	I 8	889.4743	445.2411
2011.9824	18	S 7	776.3903	388.6990
2126.0253	19	N 6	689.3582	345.1830
2227.0730	20	T 5	575.3153	288.1616
2356.1156	21	E 4	474.2676	237.6377
2427.1527	22	A 3	345.2250	173.1164
2526.2211	23	V 2	274.1879	137.5979
	24	R 1	175.1195	88.0637

N-term:+29.04 K(8):+156.13

STSNIQDALHGQLR, MH+ 1573.8510, m/z 525.2885
 H OS G27 P150811 220811-s1.04838.04838.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

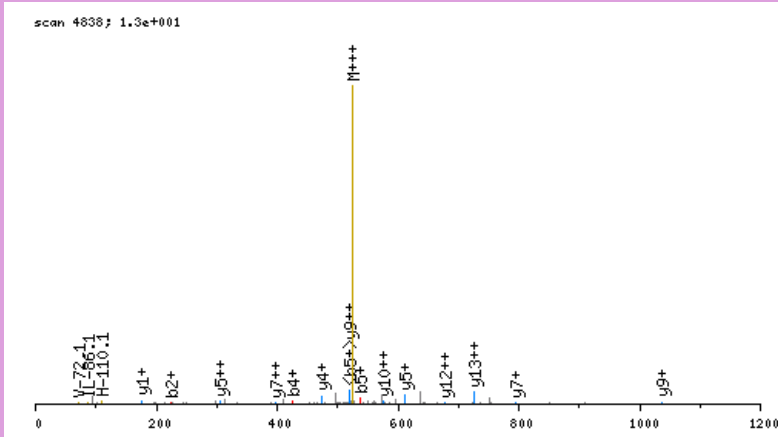
y + 2+ 3+

z + 2+ 3+

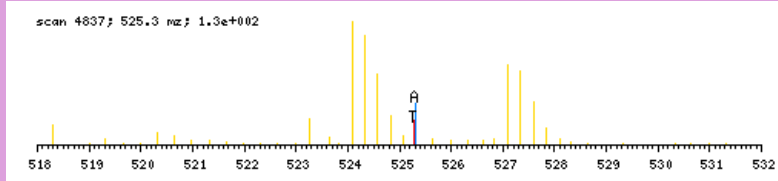
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



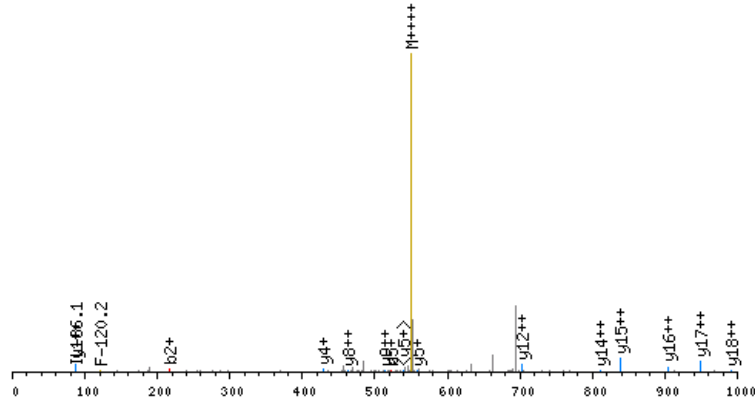
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 14		
223.1506	2	T 13	1452.7559	726.8819
310.1826	3	S 12	1351.7082	676.3580
424.2256	4	N 11	1264.6762	632.8420
537.3096	5	I 10	1150.6333	575.8206
665.3682	6	Q 9	1037.5492	519.2785
780.3951	7	D 8	909.4906	455.2492
851.4323	8	A 7	794.4637	397.7358
964.5163	9	L 6	723.4266	362.2172
1101.5752	10	H 5	610.3425	305.6752
1158.5967	11	G 4	473.2836	237.1457
1286.6553	12	Q 3	416.2621	208.6350
1399.7393	13	L 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+35.07

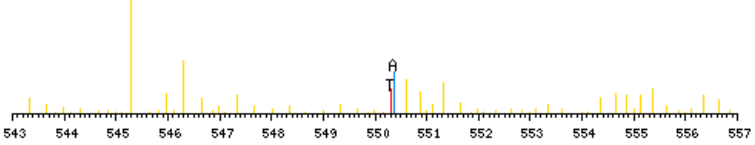
STSSMGTLPKQVKIVEVGPR, MH+ 2198.2583, m/z 550.3200
 L OS G27 P150811 220811-s1.05275.05275.4.dta

scan 5275; 9.7e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 5272; 550.3 mz; 2.2e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

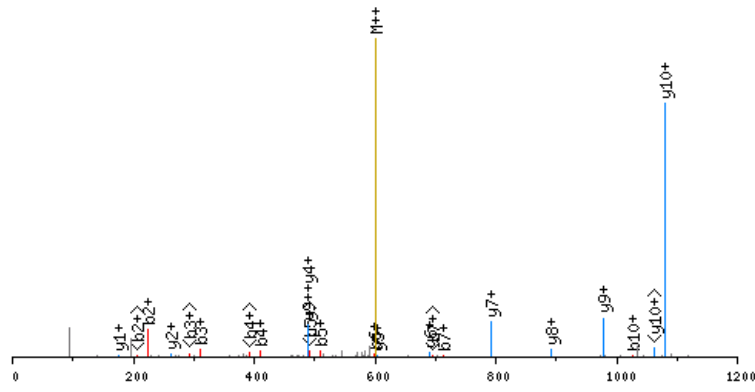
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	20		
217.1188	2	T	19	2083.1950	1042.1014
304.1508	3	S	18	1982.1473	991.5776
391.1829	4	S	17	1895.1153	948.0616
522.2233	5	M	16	1808.0833	904.5455
579.2448	6	G	15	1677.0428	839.0253
680.2925	7	T	14	1620.0213	810.5146
793.3766	8	L	13	1518.9736	759.9907
890.4293	9	P	12	1405.8896	703.4487
1046.5556	10	K	11	1308.8368	654.9223
1174.6142	11	Q	10	1152.7105	576.8592
1273.6826	12	V	9	1024.6519	512.8299
1429.8089	13	K	8	925.5835	463.2957
1542.8930	14	I	7	769.4572	385.2325
1641.9614	15	V	6	656.3731	328.6905
1771.0040	16	E	5	557.3047	279.1563
1870.0724	17	V	4	428.2621	214.6350
1927.0939	18	G	3	329.1937	165.1008
2024.1466	19	P	2	272.1723	136.5900
	20	R	1	175.1195	88.0637

N-term: +29.04 K(10): +156.13
 K(13): +156.13

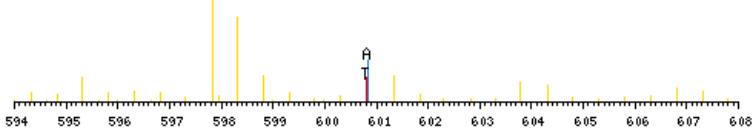
STSVTSDNLSR, MH+ 1200.6284, m/z 600.8178
 H OS G25 P150811 220811-s1.02175.02175.2.dta

scan 2175; 5.5e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 2172; 600.8 m/z; 7.0e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 11		
223.1506	2	T 10	1079.5333	540.2706
310.1826	3	S 9	978.4856	489.7467
409.2510	4	V 8	891.4536	446.2307
510.2987	5	T 7	792.3852	396.6965
597.3308	6	S 6	691.3375	346.1727
712.3577	7	D 5	604.3055	302.6566
826.4006	8	N 4	489.2785	245.1432
939.4847	9	L 3	375.2356	188.1217
1026.5167	10	S 2	262.1515	131.5797
	11	R 1	175.1195	88.0637

N-term:+35.07

SVATKKTEQGPPSSEYIFER, MH+ 2338.2295, m/z 585.3128
 L OS G28 P150811 220811-s1.04424.04424.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

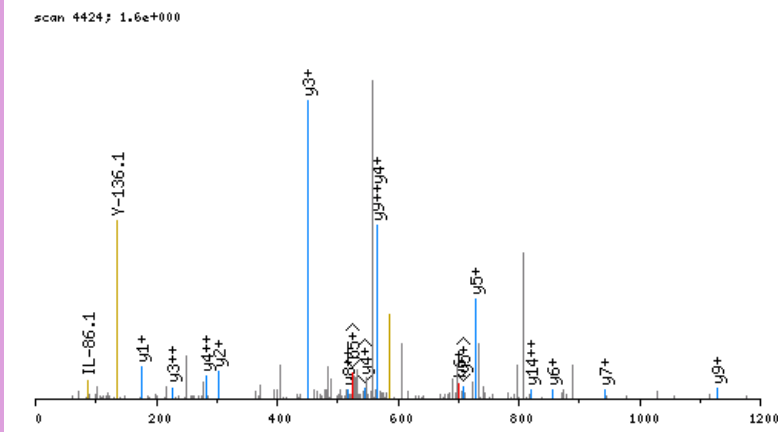
y + 2+ 3+

z + 2+ 3+

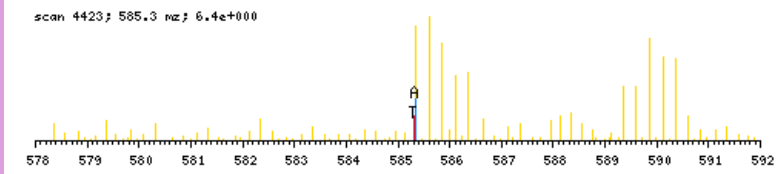
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	20		
215.1395	2	V	19	2223.1662	1112.0870
286.1767	3	A	18	2124.0978	1062.5528
387.2243	4	T	17	2053.0607	1027.0342
543.3506	5	K	16	1952.0130	976.5104
699.4769	6	K	15	1795.8867	898.4473
800.5246	7	T	14	1639.7604	820.3841
929.5672	8	E	13	1538.7127	769.8603
1057.6258	9	Q	12	1409.6701	705.3390
1114.6472	10	G	11	1281.6115	641.3097
1211.7000	11	P	10	1224.5901	612.7990
1308.7528	12	P	9	1127.5373	564.2726
1395.7848	13	S	8	1030.4846	515.7462
1482.8168	14	S	7	943.4525	472.2302
1611.8594	15	E	6	856.4205	428.7142
1774.9228	16	Y	5	727.3779	364.1929
1888.0068	17	I	4	564.3146	282.6612
2035.0752	18	F	3	451.2305	226.1192
2164.1178	19	E	2	304.1621	152.5850
	20	R	1	175.1195	88.0637

N-term:+29.04 K(5):+156.13
 K(6):+156.13

SVGAQGPPGPSGEEGKR, MH+ 1677.9196, m/z 559.9781
 H OS G27 P150811 220811-s1.02051.02051.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

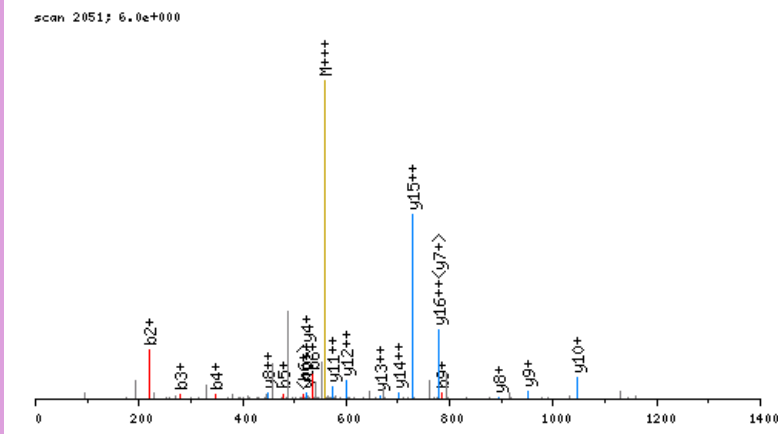
y + 2+ 3+

z + 2+ 3+

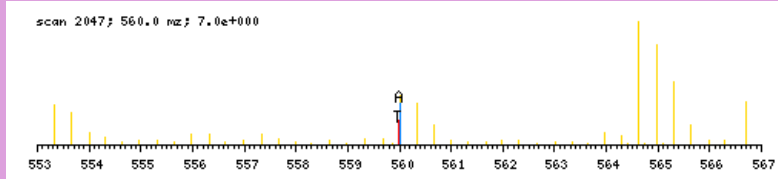
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
122.1029	1	S	17		
221.1713	2	V	16	1556.8245	778.9162
278.1928	3	G	15	1457.7561	729.3820
349.2299	4	A	14	1400.7347	700.8712
477.2885	5	Q	13	1329.6975	665.3527
534.3100	6	G	12	1201.6390	601.3234
631.3627	7	P	11	1144.6175	572.8127
728.4155	8	P	10	1047.5647	524.2863
785.4370	9	G	9	950.5120	475.7599
882.4897	10	P	8	893.4905	447.2492
969.5217	11	S	7	796.4377	398.7228
1026.5432	12	G	6	709.4057	355.2068
1155.5858	13	E	5	652.3843	326.6960
1284.6284	14	E	4	523.3417	262.1747
1341.6499	15	G	3	394.2991	197.6534
1503.8080	16	K	2	337.2776	169.1427
	17	R	1	175.1195	88.0637

N-term:+35.07 K(16):+162.16

SVIDYELIDQDAR, MH+ 1570.8177, m/z 524.2774
 H OS G25 P150811 220811-s1.06830.06830.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

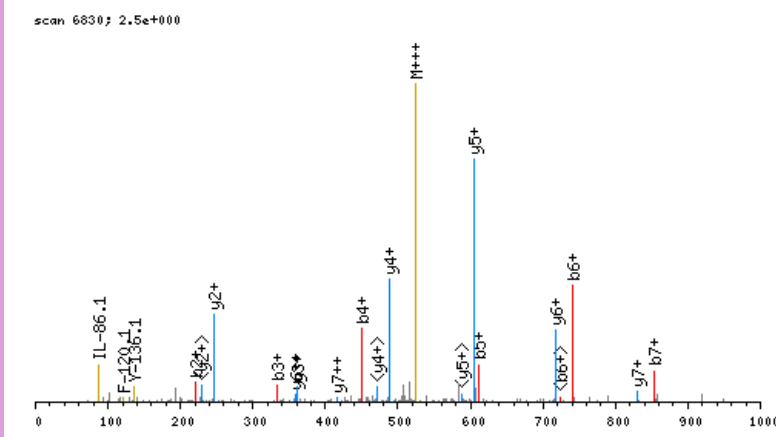
y + 2+ 3+

z + 2+ 3+

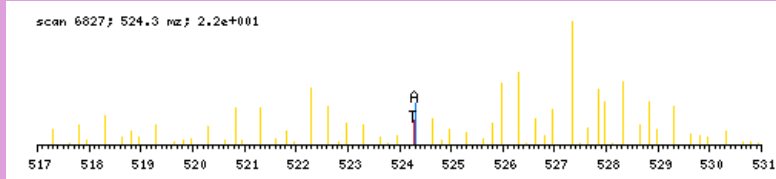
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 13		
221.1713	2	V 12	1449.7225	725.3652
334.2554	3	I 11	1350.6541	675.8310
449.2823	4	D 10	1237.5701	619.2889
612.3457	5	Y 9	1122.5431	561.7755
741.3883	6	E 8	959.4798	480.2438
854.4723	7	L 7	830.4372	415.7225
967.5564	8	I 6	717.3531	359.1805
1082.5833	9	D 5	604.2691	302.6385
1210.6419	10	Q 4	489.2421	245.1250
1325.6689	11	D 3	361.1836	181.0957
1396.7060	12	A 2	246.1566	123.5822
	13	R 1	175.1195	88.0637

N-term:+35.07

SVIQTAVDQFAR, MH+ 1368.7699, m/z 684.8886
 H OS G25 P150811 220811-s1.07040.07040.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

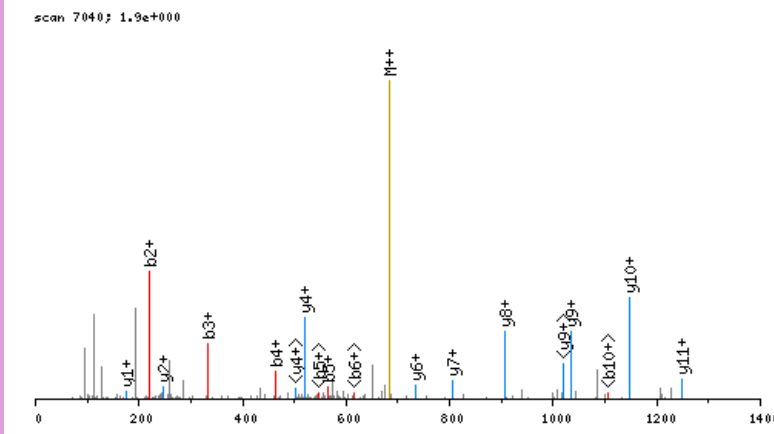
y + 2+ 3+

z + 2+ 3+

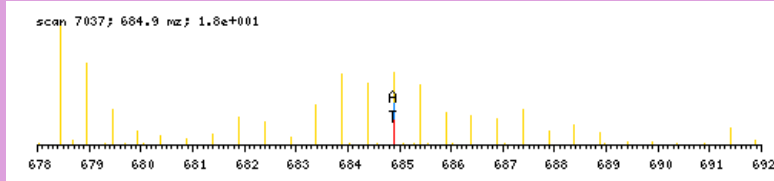
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
122.1029	1	S	12		
221.1713	2	V	11	1247.6748	624.3413
334.2554	3	I	10	1148.6064	574.8071
462.3140	4	Q	9	1035.5223	518.2651
563.3617	5	T	8	907.4638	454.2358
634.3988	6	A	7	806.4161	403.7120
733.4672	7	V	6	735.3790	368.1934
848.4941	8	D	5	636.3105	318.6592
976.5527	9	Q	4	521.2836	261.1457
1123.6211	10	F	3	393.2250	197.1164
1194.6582	11	A	2	246.1566	123.5822
	12	R	1	175.1195	88.0637

N-term:+35.07

SVISGLKIVIGALLR, MH+ 1593.1103, m/z 399.0330
 H OS G28 P150811 220811-s1.05015.05015.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

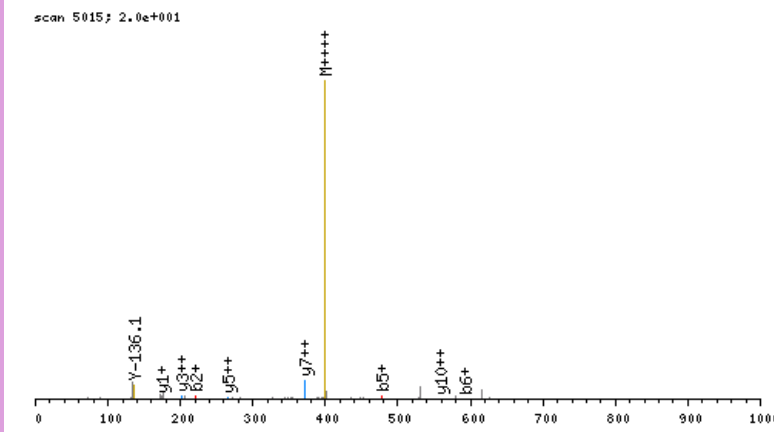
y + 2+ 3+

z + 2+ 3+

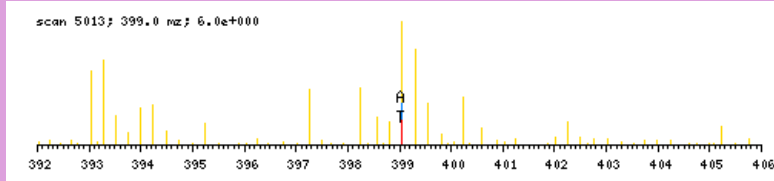
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
122.1029	1	S	15		
221.1713	2	V	14	1472.0152	736.5115
334.2554	3	I	13	1372.9468	686.9773
421.2874	4	S	12	1259.8628	630.4353
478.3089	5	G	11	1172.8307	586.9193
591.3930	6	L	10	1115.8093	558.4085
753.5511	7	K	9	1002.7252	501.8665
852.6195	8	V	8	840.5671	420.7875
965.7035	9	I	7	741.4987	371.2533
1064.7720	10	V	6	628.4146	314.7112
1121.7934	11	G	5	529.3462	265.1770
1192.8305	12	A	4	472.3247	236.6663
1305.9146	13	L	3	401.2876	201.1477
1418.9987	14	L	2	288.2036	144.6057
	15	R	1	175.1195	88.0637

N-term:+35.07 K(7):+162.16

SVMLQIAATELEKEESR, MH+ 2002.1167, m/z 668.0437
 H OS G26 P150811 220811-s1.06626.06626.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

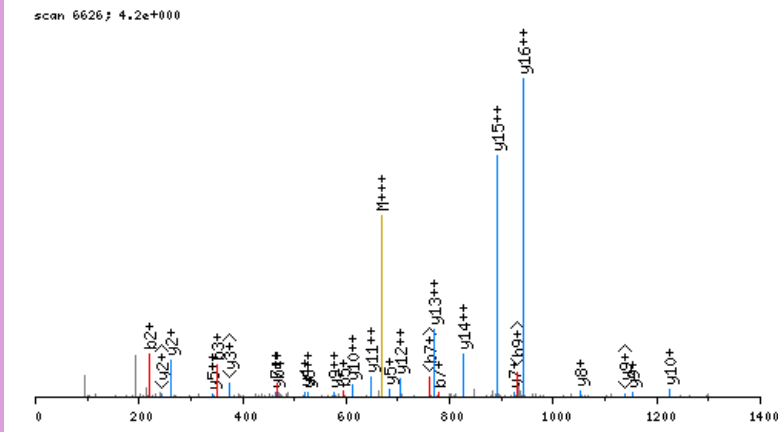
y + 2+ 3+

z + 2+ 3+

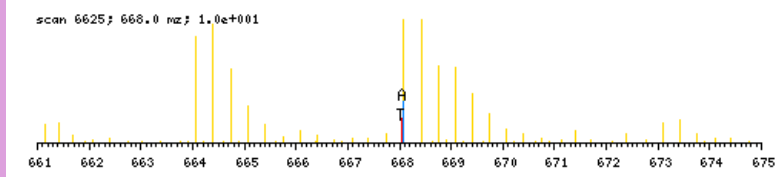
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
122.1029	1	S	17		
221.1713	2	V	16	1881.0216	941.0147
352.2118	3	M	15	1781.9532	891.4805
465.2959	4	L	14	1650.9127	825.9603
593.3545	5	Q	13	1537.8286	769.4182
706.4385	6	I	12	1409.7700	705.3889
777.4756	7	A	11	1296.6860	648.8469
848.5128	8	A	10	1225.6489	613.3283
949.5604	9	T	9	1154.6117	577.8098
1078.6030	10	E	8	1053.5641	527.2859
1191.6871	11	L	7	924.5215	462.7646
1320.7297	12	E	6	811.4374	406.2226
1482.8878	13	K	5	682.3948	341.7013
1611.9304	14	E	4	520.2367	260.6223
1740.9730	15	E	3	391.1941	196.1010
1828.0050	16	S	2	262.1515	131.5797
	17	R	1	175.1195	88.0637

N-term:+35.07 K(13):+162.16

SVPAASGGDKKEAVAR, MH+ 1482.8552, m/z 494.9566
 H OS G26 P150811 220811-s1.02085.02085.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

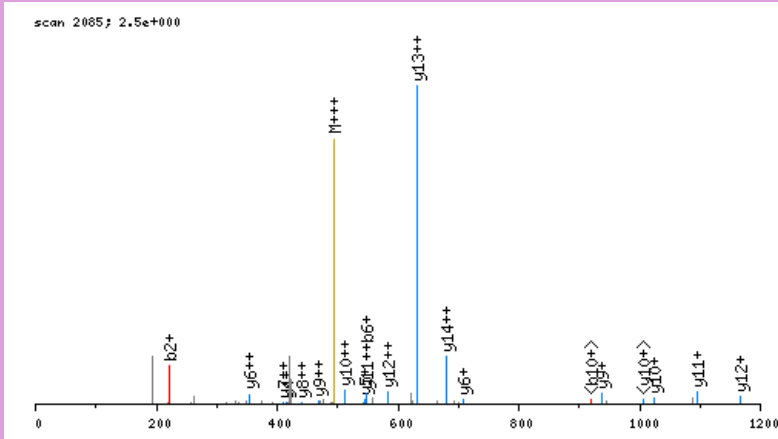
y + 2+ 3+

z + 2+ 3+

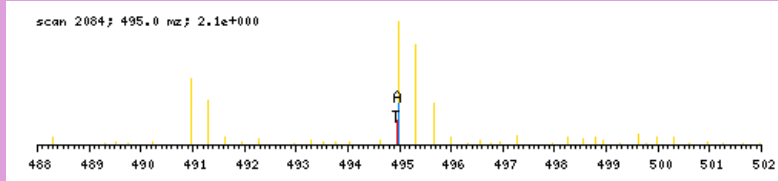
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



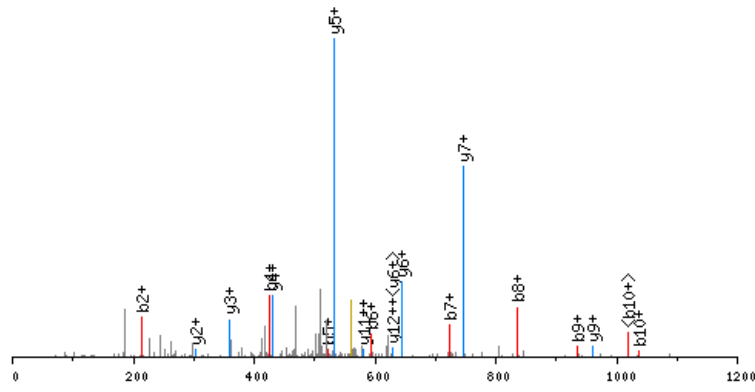
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 15		
221.1713	2	V 14	1361.7601	681.3840
318.2241	3	P 13	1262.6917	631.8498
389.2612	4	A 12	1165.6390	583.3234
460.2983	5	A 11	1094.6018	547.8048
547.3304	6	S 10	1023.5647	512.2863
604.3518	7	G 9	936.5327	468.7703
661.3733	8	G 8	879.5112	440.2595
776.4002	9	D 7	822.4898	411.7488
938.5583	10	K 6	707.4628	354.2353
1067.6009	11	E 5	545.3047	273.1563
1138.6380	12	A 4	416.2621	208.6350
1237.7065	13	V 3	345.2250	173.1164
1308.7436	14	A 2	246.1566	123.5822
	15	R 1	175.1195	88.0637

N-term:+35.07 K(10):+162.16

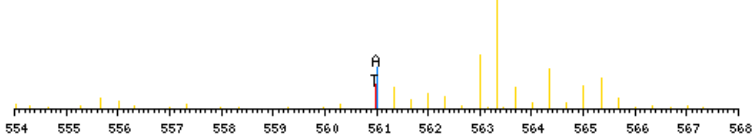
SVPLPAENVITITAGQR, MH+ 1680.9284, m/z 560.9810
 L OS G24 P150811 220811-s1.03781.03781.3.dta

scan 3781; 2.4e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 3777; 561.0 m/z; 1.2e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 16		
215.1395	2	V 15	1565.8651	783.4365
312.1923	3	P 14	1466.7967	733.9023
425.2764	4	L 13	1369.7440	685.3759
522.3291	5	P 12	1256.6599	628.8339
593.3662	6	A 11	1159.6071	580.3075
722.4088	7	E 10	1088.5700	544.7889
836.4518	8	N 9	959.5274	480.2676
935.5202	9	V 8	845.4845	423.2462
1036.5679	10	T 7	746.4161	373.7120
1149.6519	11	I 6	645.3684	323.1881
1250.6996	12	T 5	532.2843	266.6461
1321.7367	13	A 4	431.2367	216.1222
1378.7582	14	G 3	360.1995	180.6037
1506.8168	15	Q 2	303.1781	152.0930
	16	R 1	175.1195	88.0637

N-term:+29.04

SVSVFNGAVSDDSKR, MH+ 1623.8342, m/z 541.9496
 L OS G27 P150811 220811-s1.03949.03949.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

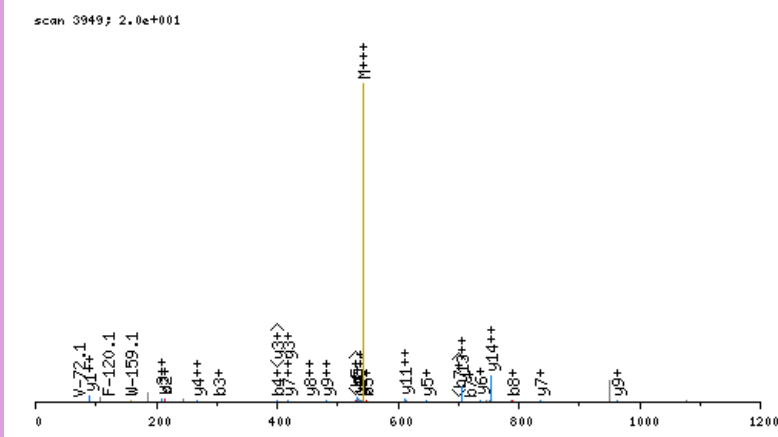
y + 2+ 3+

z + 2+ 3+

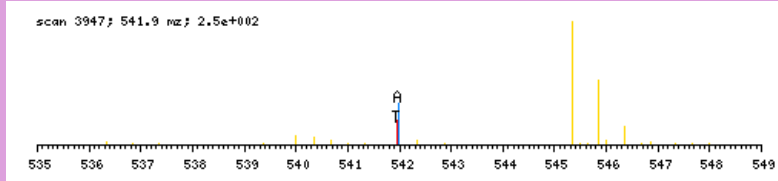
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 15		
215.1395	2	V 14	1508.7709	754.8894
302.1716	3	S 13	1409.7025	705.3552
401.2400	4	V 12	1322.6705	661.8392
548.3084	5	F 11	1223.6021	612.3050
662.3513	6	N 10	1076.5337	538.7707
719.3728	7	G 9	962.4907	481.7493
790.4099	8	A 8	905.4693	453.2385
889.4783	9	V 7	834.4322	417.7200
976.5103	10	S 6	735.3637	368.1858
1091.5373	11	D 5	648.3317	324.6698
1206.5642	12	D 4	533.3048	267.1563
1293.5963	13	S 3	418.2778	209.6428
1449.7226	14	K 2	331.2458	166.1268
	15	R 1	175.1195	88.0637

N-term:+29.04 K(14):+156.13

SVTEQGAELSNEER, MH+ 1576.7454, m/z 526.2533
 L OS G25 P150811 220811-s1.02886.02886.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

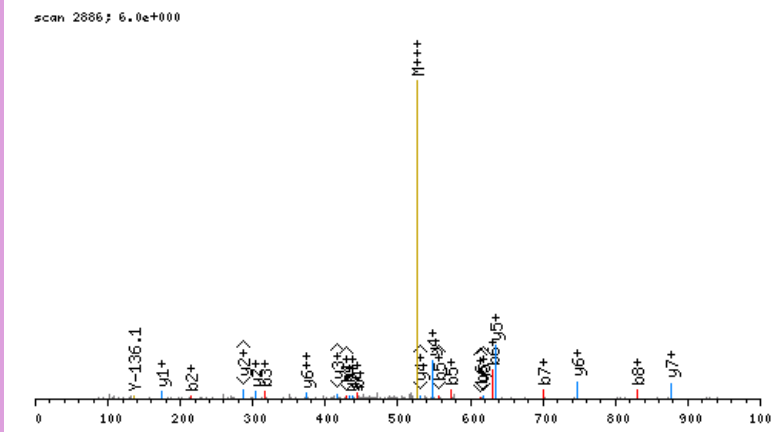
y + 2+ 3+

z + 2+ 3+

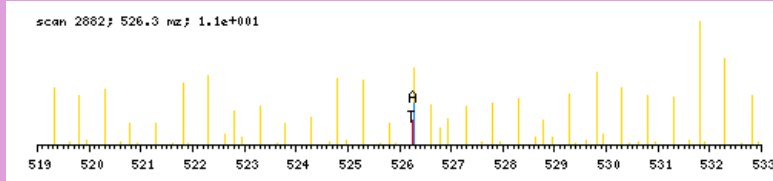
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 14		
215.1395	2	V 13	1461.6821	731.3450
316.1872	3	T 12	1362.6137	681.8108
445.2298	4	E 11	1261.5660	631.2869
573.2884	5	Q 10	1132.5235	566.7656
630.3099	6	G 9	1004.4649	502.7364
701.3470	7	A 8	947.4434	474.2256
830.3896	8	E 7	876.4063	438.7071
943.4736	9	L 6	747.3637	374.1858
1030.5057	10	S 5	634.2796	317.6437
1144.5486	11	N 4	547.2476	274.1277
1273.5912	12	E 3	433.2047	217.1063
1402.6338	13	E 2	304.1621	152.5850
	14	R 1	175.1195	88.0637

N-term:+29.04

SVTGEQYGNPIR, MH+ 1348.6861, m/z 450.2335
 L OS G25 P150811 220811-s1.03471.03471.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

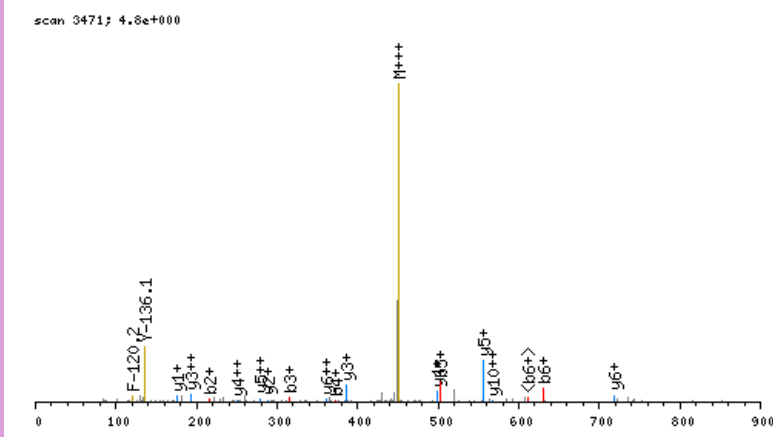
y + 2+ 3+

z + 2+ 3+

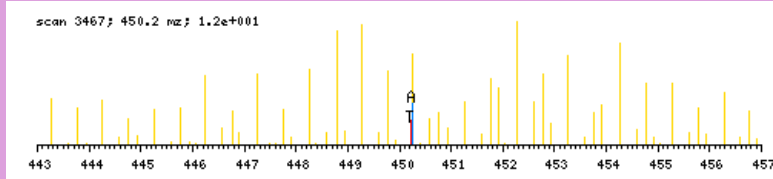
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



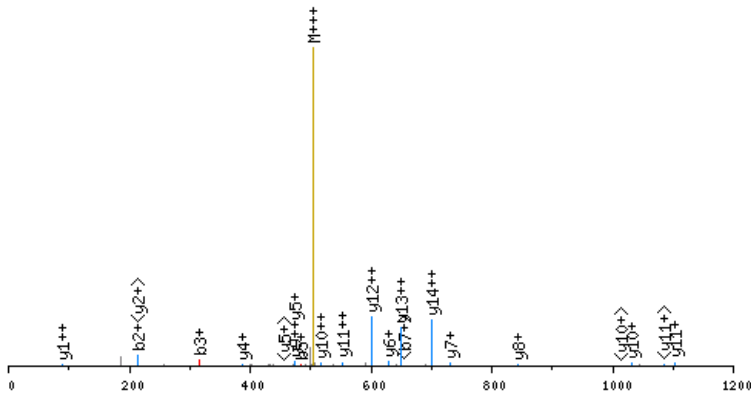
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 12		
215.1395	2	V 11	1233.6228	617.3153
316.1872	3	T 10	1134.5544	567.7811
373.2087	4	G 9	1033.5067	517.2573
502.2513	5	E 8	976.4852	488.7465
630.3099	6	Q 7	847.4426	424.2252
793.3732	7	Y 6	719.3840	360.1959
850.3946	8	G 5	556.3207	278.6643
964.4376	9	N 4	499.2993	250.1535
1061.4903	10	P 3	385.2563	193.1321
1174.5744	11	I 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+29.04

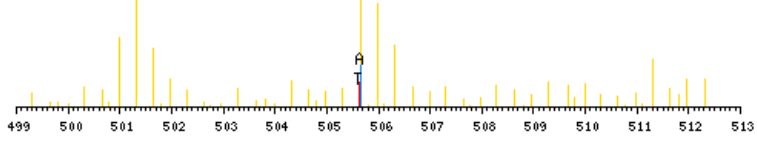
SVTPASTLTKSGPGR, MH+ 1514.8542, m/z 505.6229
 L OS G26 P150811 220811-s1.02458.02458.3.dta

scan 2458; 1.4e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2455; 505.6 m/z; 2.1e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	15		
215.1395	2	V	14	1399.7909	700.3994
316.1872	3	T	13	1300.7225	650.8652
413.2400	4	P	12	1199.6748	600.3413
484.2771	5	A	11	1102.6221	551.8150
571.3091	6	S	10	1031.5850	516.2964
672.3568	7	T	9	944.5529	472.7804
785.4409	8	L	8	843.5053	422.2565
886.4885	9	T	7	730.4212	365.7145
1042.6148	10	K	6	629.3735	315.1907
1129.6469	11	S	5	473.2472	237.1275
1186.6683	12	G	4	386.2152	193.6115
1283.7211	13	P	3	329.1937	165.1008
1340.7426	14	G	2	232.1410	116.5744
	15	R	1	175.1195	88.0637

N-term:+29.04 K(10):+156.13

SVVAGGPEVLTTPER, MH+ 1545.8700, m/z 515.9615
 H OS G24 P150811 220811-s1.03464.03464.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

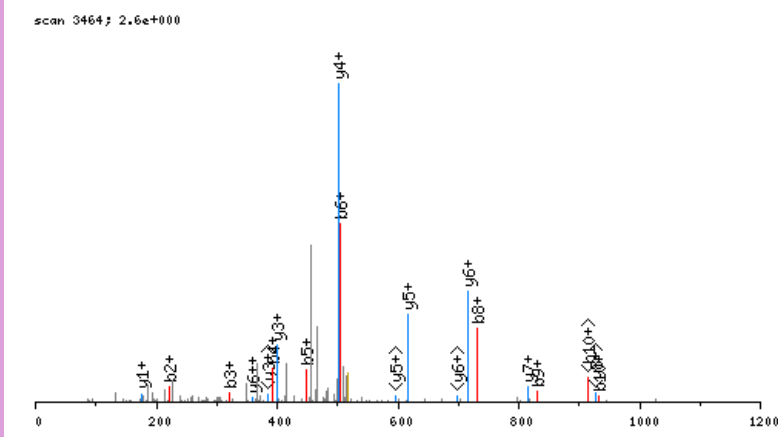
y + 2+ 3+

z + 2+ 3+

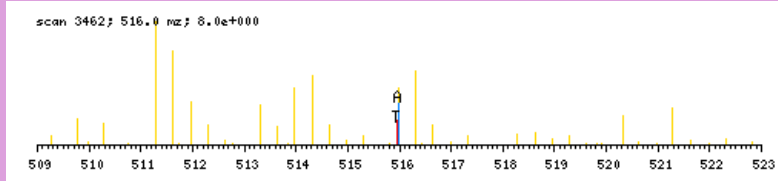
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 15		
221.1713	2	V 14	1424.7749	712.8914
320.2398	3	V 13	1325.7065	663.3572
391.2769	4	A 12	1226.6381	613.8230
448.2983	5	G 11	1155.6010	578.3044
505.3198	6	G 10	1098.5795	549.7937
602.3726	7	P 9	1041.5580	521.2829
731.4152	8	E 8	944.5053	472.7566
830.4836	9	V 7	815.4627	408.2353
931.5312	10	T 6	716.3943	358.7011
1044.6153	11	L 5	615.3466	308.1772
1145.6630	12	T 4	502.2625	251.6352
1242.7158	13	P 3	401.2149	201.1113
1371.7583	14	E 2	304.1621	152.5850
	15	R 1	175.1195	88.0637

N-term:+35.07

SWYDNEYGYSNR, MH+ 1581.6610, m/z 527.8918
 L OS G25 P150811 220811-s1.04793.04793.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

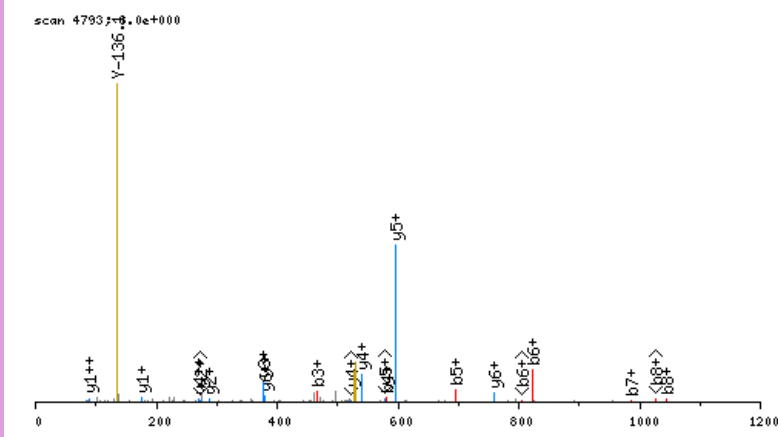
y + 2+ 3+

z + 2+ 3+

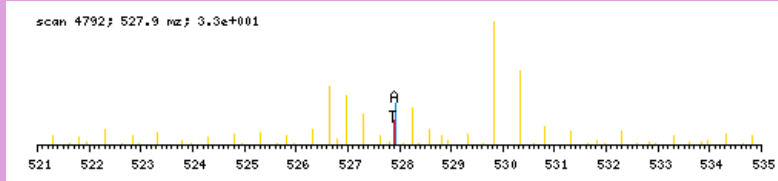
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 12		
302.1504	2	W 11	1466.5977	733.8028
465.2138	3	Y 10	1280.5184	640.7631
580.2407	4	D 9	1117.4550	559.2314
694.2836	5	N 8	1002.4281	501.7180
823.3262	6	E 7	888.3852	444.6965
986.3896	7	Y 6	759.3426	380.1752
1043.4110	8	G 5	596.2792	298.6435
1206.4744	9	Y 4	539.2578	270.1328
1293.5064	10	S 3	376.1945	188.6011
1407.5493	11	N 2	289.1624	145.0851
	12	R 1	175.1195	88.0637

N-term:+29.04

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

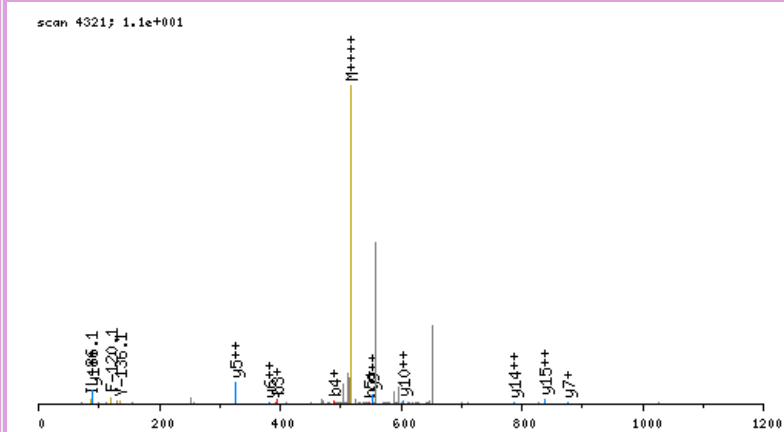
y + 2+ 3+

z + 2+ 3+

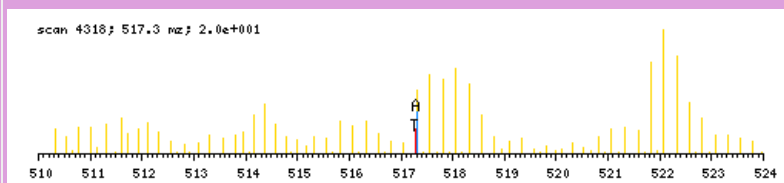
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 18		
279.1345	2	Y 17	1951.0071	976.0075
394.1614	3	D 16	1787.9438	894.4758
491.2142	4	P 15	1672.9169	836.9623
548.2356	5	G 14	1575.8641	788.4360
635.2677	6	S 13	1518.8426	759.9252
706.3048	7	A 12	1431.8106	716.4092
862.4311	8	K 11	1360.7735	680.8907
963.4787	9	T 10	1204.6472	602.8275
1076.5628	10	I 9	1103.5995	552.3037
1189.6469	11	L 8	990.5155	495.7616
1303.6898	12	N 7	877.4314	439.2196
1417.7327	13	N 6	763.3885	382.1981
1474.7542	14	G 5	649.3455	325.1767
1630.8805	15	K 4	592.3241	296.6660
1731.9282	16	T 3	436.1978	218.6028
1891.9588	17	C 2	335.1501	168.0790
	18	R 1	175.1195	88.0637

N-term:+29.04 K(8):+156.13
 K(15):+156.13 C(17):+160.03

SYELPDGQVITIGNER, MH+ 1818.9237, m/z 606.9794
 L OS G25 P150811 220811-s1.07584.07584.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

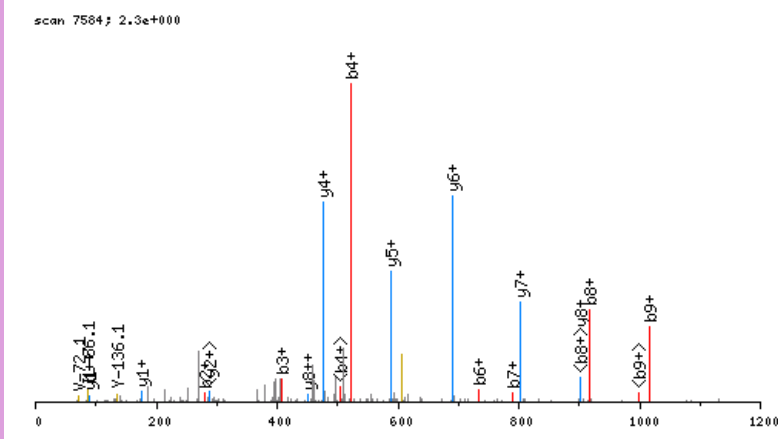
y + 2+ 3+

z + 2+ 3+

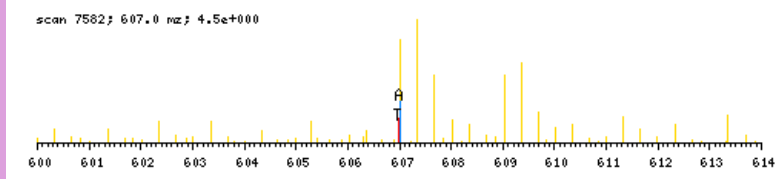
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 16		
279.1345	2	Y 15	1703.8604	852.4341
408.1771	3	E 14	1540.7971	770.9025
521.2611	4	L 13	1411.7545	706.3812
618.3139	5	P 12	1298.6705	649.8391
733.3408	6	D 11	1201.6177	601.3128
790.3623	7	G 10	1086.5907	543.7993
918.4209	8	Q 9	1029.5693	515.2886
1017.4893	9	V 8	901.5107	451.2593
1130.5733	10	I 7	802.4423	401.7251
1231.6210	11	T 6	689.3582	345.1830
1344.7051	12	I 5	588.3105	294.6592
1401.7265	13	G 4	475.2265	238.1172
1515.7695	14	N 3	418.2050	209.6064
1644.8121	15	E 2	304.1621	152.5850
	16	R 1	175.1195	88.0637

N-term:+29.04

SYGGYKEPAAPVSIQR, MH+ 1778.9441, m/z 593.6529
 L OS G26 P150811 220811-s1.03414.03414.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

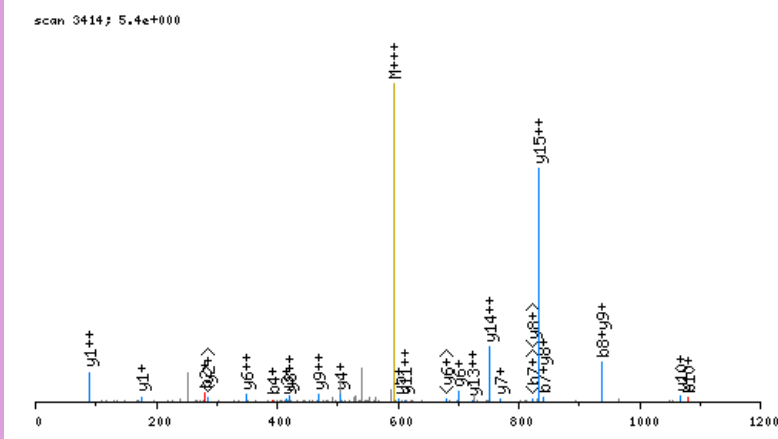
y + 2+ 3+

z + 2+ 3+

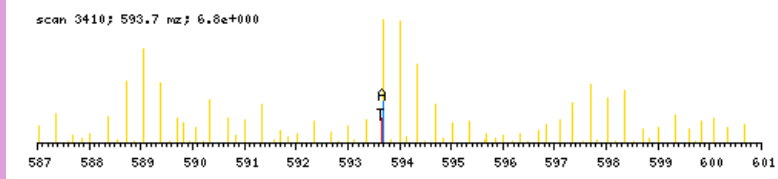
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



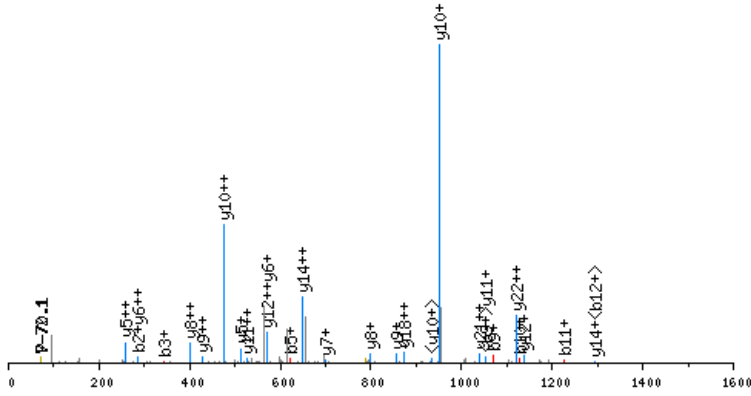
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 16		
279.1345	2	Y 15	1663.8808	832.4443
336.1559	3	G 14	1500.8175	750.9127
393.1774	4	G 13	1443.7960	722.4019
556.2407	5	Y 12	1386.7746	693.8912
712.3670	6	K 11	1223.7112	612.3595
841.4096	7	E 10	1067.5849	534.2964
938.4624	8	P 9	938.5423	469.7751
1009.4995	9	A 8	841.4896	421.2487
1080.5366	10	A 7	770.4525	385.7301
1177.5894	11	P 6	699.4153	350.2116
1276.6578	12	V 5	602.3626	301.6852
1363.6898	13	S 4	503.2942	252.1510
1476.7739	14	I 3	416.2621	208.6350
1604.8324	15	Q 2	303.1781	152.0930
	16	R 1	175.1195	88.0637

N-term:+29.04 K(6):+156.13

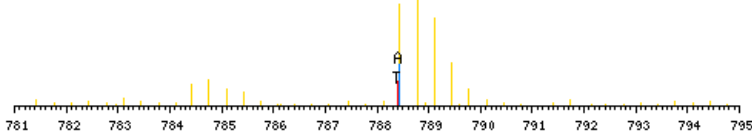
SYGYDEKSAGVSVPGPMGPGSPR, MH+ 2363.1978, m/z 788.4041
 H OS G26 P150811 220811-s1.04308.04308.3.dta

scan 4308; 6.4e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 4305; 788.4 m/z; 1.3e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

0 - 0

MassTol: Y-zoom:

0. 1.

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 23		
285.1663	2	Y 22	2242.1027	1121.5553
342.1877	3	G 21	2079.0394	1040.0236
505.2510	4	Y 20	2022.0179	1011.5129
620.2780	5	D 19	1858.9546	929.9812
749.3206	6	E 18	1743.9276	872.4677
911.4787	7	K 17	1614.8850	807.9464
998.5107	8	S 16	1452.7269	726.8674
1069.5478	9	A 15	1365.6949	683.3514
1126.5693	10	G 14	1294.6578	647.8328
1225.6377	11	V 13	1237.6363	619.3221
1312.6697	12	S 12	1138.5679	569.7879
1411.7381	13	V 11	1051.5359	526.2718
1508.7909	14	P 10	952.4675	476.7376
1565.8124	15	G 9	855.4147	428.2113
1662.8651	16	P 8	798.3932	399.7005
1793.9056	17	M 7	701.3405	351.1741
1850.9271	18	G 6	570.3000	285.6539
1947.9799	19	P 5	513.2785	257.1432
2035.0119	20	S 4	416.2258	208.6168
2092.0333	21	G 3	329.1937	165.1008
2189.0861	22	P 2	272.1723	136.5900
	23	R 1	175.1195	88.0637

N-term:+35.07 K(7):+162.16

TAAASHKGDEVPPNR, MH+ 1605.8349, m/z 535.9498
 L OS G27 P150811 220811-s1.02768.02768.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

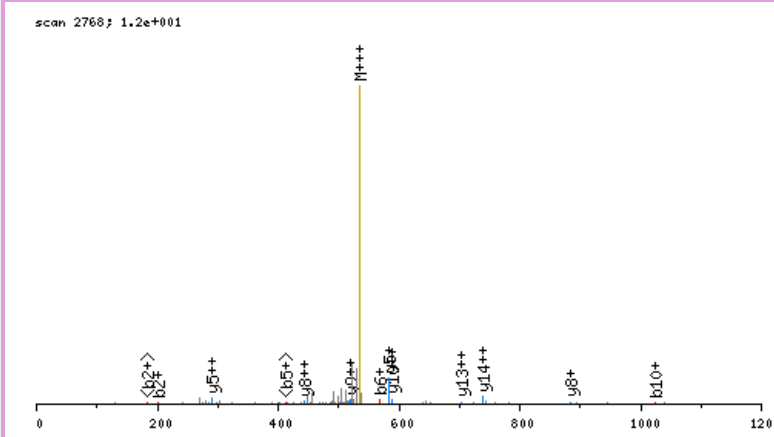
y + 2+ 3+

z + 2+ 3+

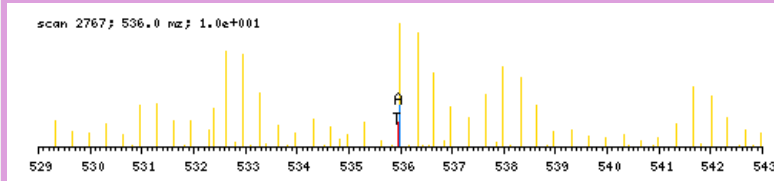
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T	15	
201.1239	2	A	14	1476.7560
272.1610	3	A	13	1405.7188
343.1981	4	A	12	1334.6817
430.2301	5	S	11	1263.6446
567.2891	6	H	10	1176.6126
723.4154	7	K	9	1039.5537
780.4368	8	G	8	883.4274
895.4638	9	D	7	826.4059
1024.5064	10	E	6	711.3790
1123.5748	11	V	5	582.3364
1220.6275	12	P	4	483.2680
1317.6803	13	P	3	386.2152
1431.7232	14	N	2	289.1624
	15	R	1	175.1195

N-term:+29.04 K(7):+156.13

TAATIATHDLQAVR, MH+ 1495.8232, m/z 499.2793
 L OS G26 P150811 220811-s1.03167.03167.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

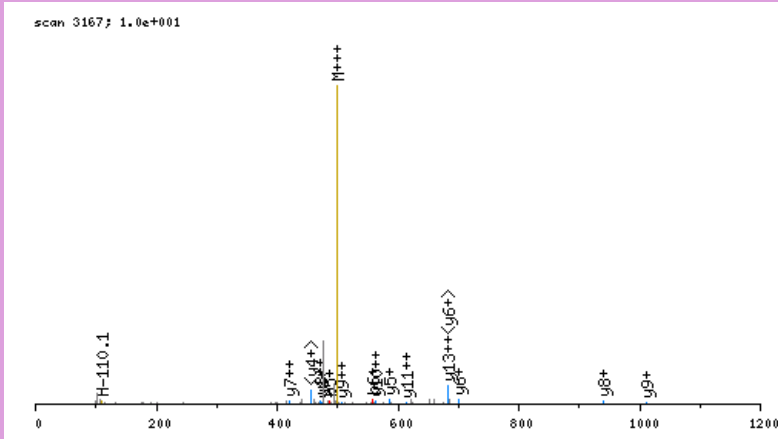
y + 2+ 3+

z + 2+ 3+

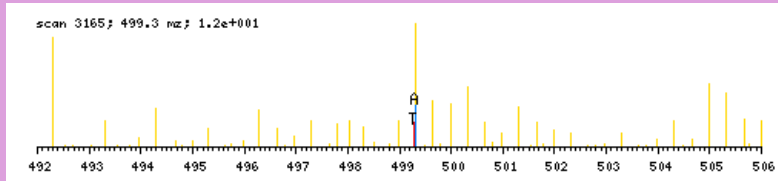
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 14		
201.1239	2	A 13	1366.7443	683.8761
272.1610	3	A 12	1295.7072	648.3575
373.2087	4	T 11	1224.6701	612.8389
486.2927	5	I 10	1123.6224	562.3151
557.3299	6	A 9	1010.5383	505.7731
658.3775	7	T 8	939.5012	470.2545
795.4365	8	H 7	838.4535	419.7307
910.4634	9	D 6	701.3946	351.2012
1023.5475	10	L 5	586.3677	293.6877
1151.6060	11	Q 4	473.2836	237.1457
1222.6432	12	A 3	345.2250	173.1164
1321.7116	13	V 2	274.1879	137.5979
	14	R 1	175.1195	88.0637

N-term:+29.04

TAAVGAVFDISNADR, MH+ 1534.7865, m/z 512.2670
 L OS G25 P150811 220811-s1.06646.06646.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

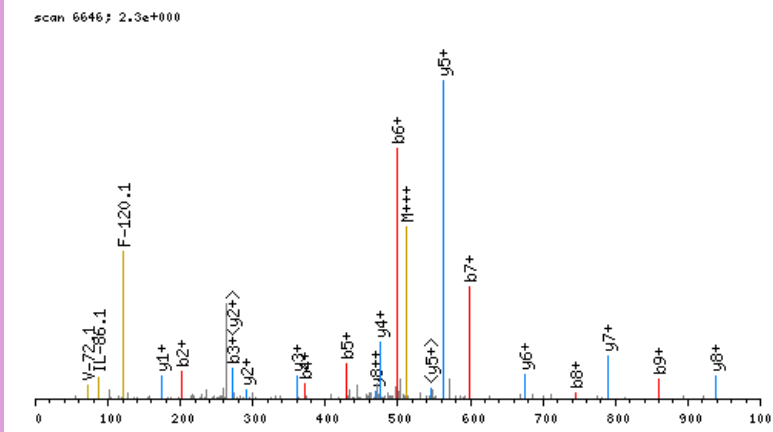
y + 2+ 3+

z + 2+ 3+

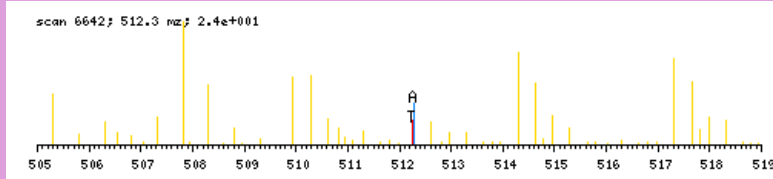
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T	15	
201.1239	2	A	14	1405.7076 703.3577
272.1610	3	A	13	1334.6705 667.8391
371.2294	4	V	12	1263.6333 632.3206
428.2509	5	G	11	1164.5649 582.7864
499.2880	6	A	10	1107.5435 554.2756
598.3564	7	V	9	1036.5063 518.7571
745.4248	8	F	8	937.4379 469.2229
860.4518	9	D	7	790.3695 395.6887
973.5358	10	I	6	675.3426 338.1752
1060.5679	11	S	5	562.2585 281.6332
1174.6108	12	N	4	475.2265 238.1172
1245.6479	13	A	3	361.1836 181.0957
1360.6748	14	D	2	290.1464 145.5771
	15	R	1	175.1195 88.0637

N-term:+29.04

TADTDGGYIEER, MH+ 1354.6126, m/z 677.8100
 L OS G25 P150811 220811-s1.02764.02764.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

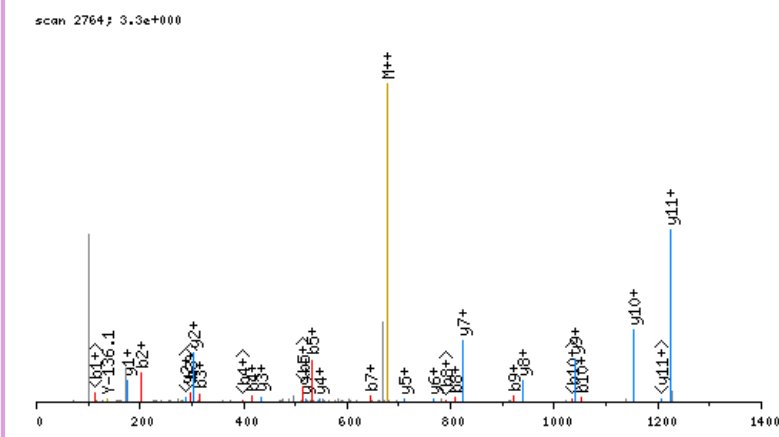
y + 2+ 3+

z + 2+ 3+

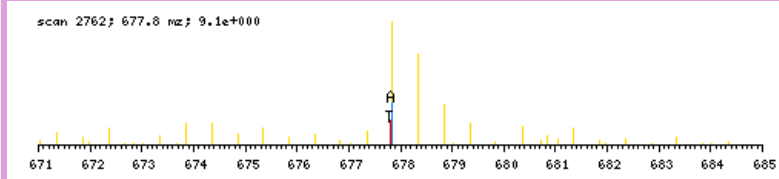
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



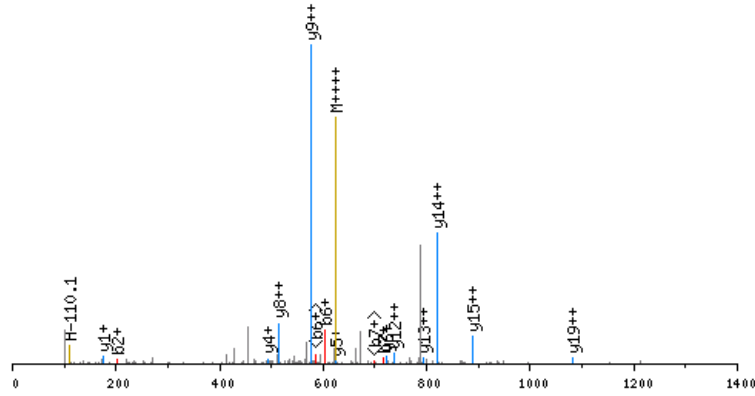
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 12		
201.1239	2	A 11	1225.5337	613.2708
316.1508	3	D 10	1154.4966	577.7522
417.1985	4	T 9	1039.4696	520.2387
532.2255	5	D 8	938.4220	469.7149
589.2469	6	G 7	823.3950	412.2014
646.2684	7	G 6	766.3735	383.6907
809.3317	8	Y 5	709.3521	355.1800
922.4158	9	I 4	546.2888	273.6483
1051.4584	10	E 3	433.2047	217.1063
1180.5010	11	E 2	304.1621	152.5850
	12	R 1	175.1195	88.0637

N-term:+29.04

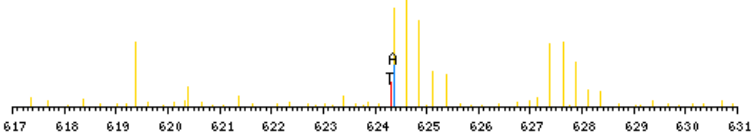
TAESGELHGLTIDEKFVEGVYR, MH+ 2494.2466, m/z 624.3171
 L OS G27 P150811 220811-s1.06235.06235.4.dta

scan 6235; 3.6e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 6232; 624.3 m/z; 5.0e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 22		
201.1239	2	A 21	2365.1676	1183.0877
330.1665	3	E 20	2294.1305	1147.5692
417.1985	4	S 19	2165.0879	1083.0479
474.2200	5	G 18	2078.0559	1039.5319
603.2626	6	E 17	2021.0344	1011.0211
716.3466	7	L 16	1891.9918	946.4998
853.4055	8	H 15	1778.9078	889.9578
910.4270	9	G 14	1641.8488	821.4283
1023.5111	10	L 13	1584.8274	792.9176
1124.5588	11	T 12	1471.7433	736.3756
1225.6064	12	T 11	1370.6956	685.8517
1340.6334	13	D 10	1269.6480	635.3279
1469.6760	14	E 9	1154.6210	577.8144
1625.8023	15	K 8	1025.5784	513.2931
1772.8707	16	F 7	869.4521	435.2300
1871.9391	17	V 6	722.3837	361.6958
2000.9817	18	E 5	623.3153	312.1616
2058.0032	19	G 4	494.2727	247.6403
2157.0716	20	V 3	437.2512	219.1295
2320.1349	21	Y 2	338.1828	169.5953
	22	R 1	175.1195	88.0637

N-term:+29.04 K(15):+156.13

TAKIALLEEAR, MH+ 1282.8371, m/z 428.2839
 H OS G27 P150811 220811-s1.04650.04650.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

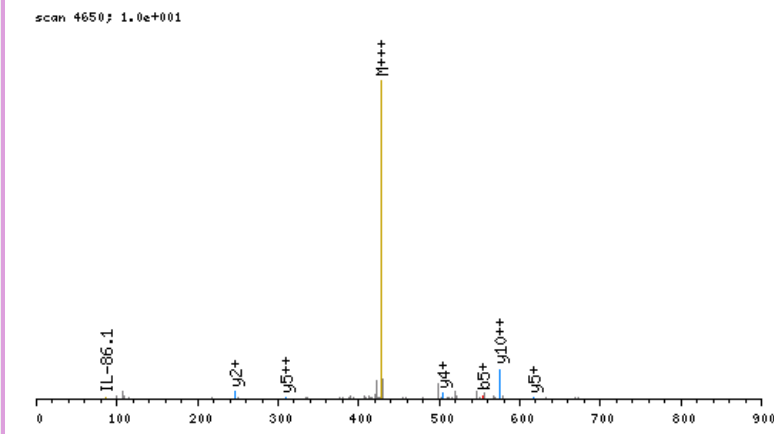
y + 2+ 3+

z + 2+ 3+

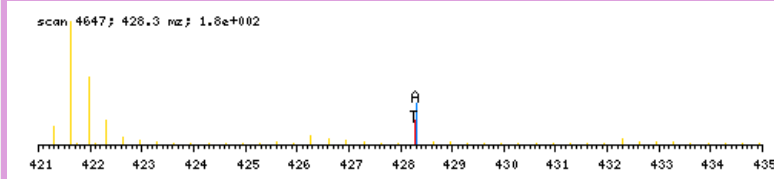
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 11		
207.1557	2	A 10	1147.7263	574.3671
369.3138	3	K 9	1076.6892	538.8485
482.3979	4	I 8	914.5311	457.7695
553.4350	5	A 7	801.4470	401.2274
666.5190	6	L 6	730.4099	365.7089
779.6031	7	L 5	617.3259	309.1668
908.6457	8	E 4	504.2418	252.6248
1037.6883	9	E 3	375.1992	188.1035
1108.7254	10	A 2	246.1566	123.5822
	11	R 1	175.1195	88.0637

N-term:+35.07 K(3):+162.16

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

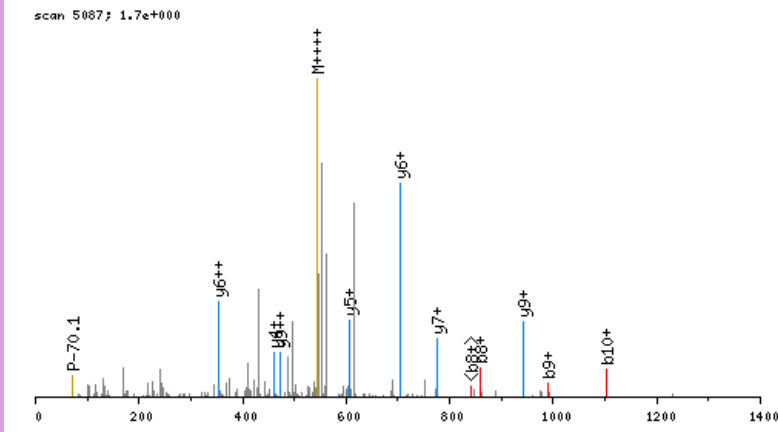
y + 2+ 3+

z + 2+ 3+

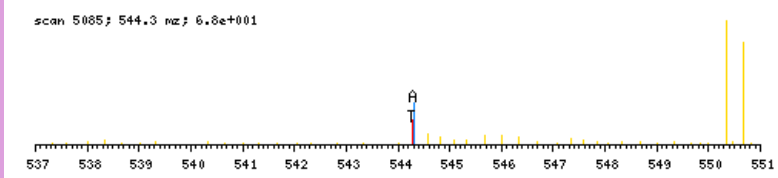
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	20		
201.1239	2	A	19	2045.0643	1023.0361
357.2502	3	K	18	1974.0272	987.5175
454.3030	4	P	17	1817.9009	909.4543
601.3714	5	F	16	1720.8481	860.9280
714.4554	6	L	15	1573.7797	787.3938
771.4769	7	G	14	1460.6956	730.8517
858.5089	8	S	13	1403.6742	702.3410
989.5494	9	M	12	1316.6421	658.8250
1103.5923	10	N	11	1185.6016	593.3047
1231.6509	11	Q	10	1071.5587	536.2833
1328.7037	12	P	9	943.5001	472.2540
1399.7408	13	A	8	846.4474	423.7276
1470.7779	14	A	7	775.4103	388.2090
1567.8307	15	P	6	704.3731	352.6905
1714.8991	16	F	5	607.3204	304.1641
1801.9311	17	S	4	460.2520	230.6299
1898.9839	18	P	3	373.2199	187.1139
2000.0316	19	T	2	276.1672	138.5875
	20	R	1	175.1195	88.0637

N-term:+29.04 K(3):+156.13

TANLGAGAAQPLR, MH+ 1267.7122, m/z 423.2423
 L OS G25 P150811 220811-s1.03400.03400.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

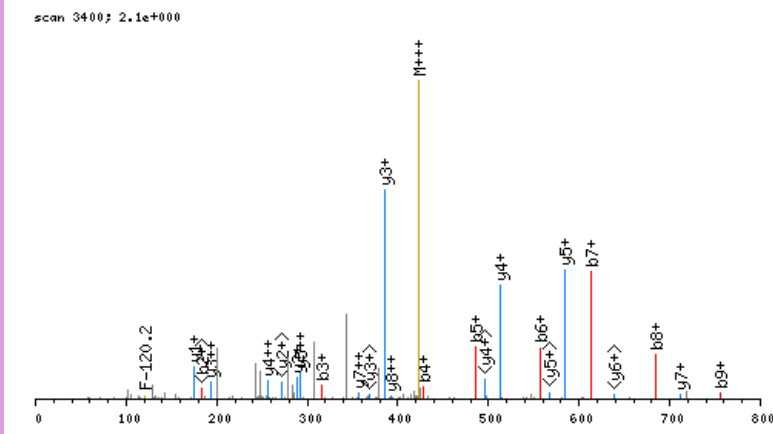
y + 2+ 3+

z + 2+ 3+

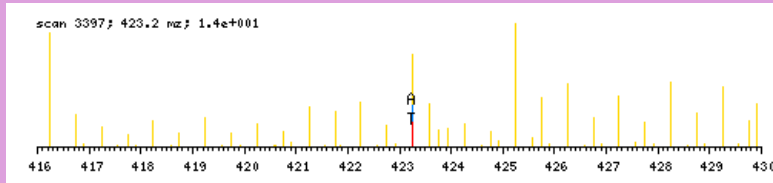
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 13		
201.1239	2	A 12	1138.6333	569.8206
315.1668	3	N 11	1067.5962	534.3020
428.2509	4	L 10	953.5532	477.2805
485.2723	5	G 9	840.4692	420.7385
556.3095	6	A 8	783.4477	392.2278
613.3309	7	G 7	712.4106	356.7092
684.3680	8	A 6	655.3891	328.1985
755.4052	9	A 5	584.3520	292.6799
883.4637	10	Q 4	513.3149	257.1614
980.5165	11	P 3	385.2563	193.1321
1093.6006	12	L 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+29.04

TASAGIQVVGDDLTVTNPKR, MH+ 2098.1508, m/z 525.2932
 L OS G26 P150811 220811-s1.04627.04627.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

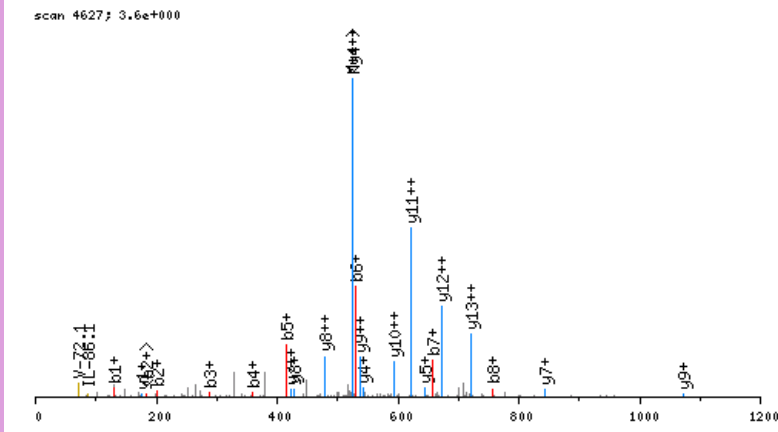
y + 2+ 3+

z + 2+ 3+

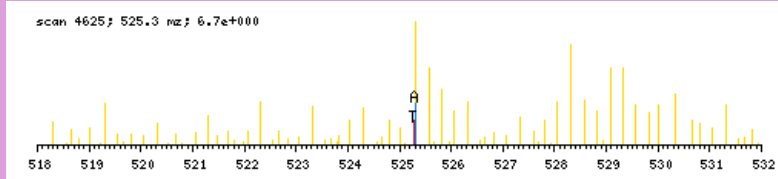
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	20		
201.1239	2	A	19	1969.0719	985.0398
288.1559	3	S	18	1898.0348	949.5213
359.1930	4	A	17	1811.0027	906.0053
416.2145	5	G	16	1739.9656	870.4867
529.2986	6	I	15	1682.9441	841.9760
657.3571	7	Q	14	1569.8601	785.4340
756.4256	8	V	13	1441.8015	721.4047
855.4940	9	V	12	1342.7331	671.8705
912.5154	10	G	11	1243.6647	622.3363
1027.5424	11	D	10	1186.6432	593.8255
1142.5693	12	D	9	1071.6163	536.3120
1255.6534	13	L	8	956.5893	478.7986
1356.7011	14	T	7	843.5053	422.2565
1455.7695	15	V	6	742.4576	371.7327
1556.8172	16	T	5	643.3892	322.1985
1670.8601	17	N	4	542.3415	271.6747
1767.9128	18	P	3	428.2986	214.6532
1924.0391	19	K	2	331.2458	166.1268
	20	R	1	175.1195	88.0637

N-term:+29.04 K(19);+156.13

TASESISNLSEAGSVKKGGER, MH+ 2134.1356, m/z 534.2894
 L OS G28 P150811 220811-s1.03529.03529.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

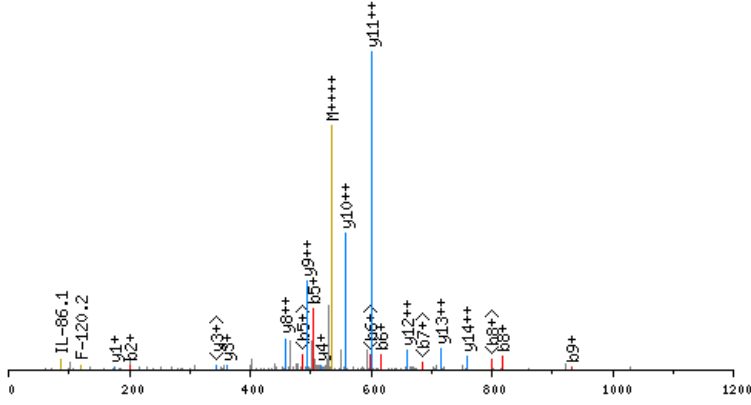
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

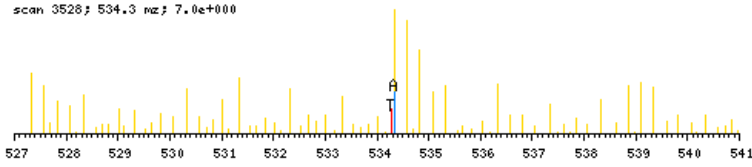
GO

scan 3529; 3.2e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 3528; 534.3 m/z; 7.0e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 20		
201.1239	2	A 19	2005.0566	1003.0322
288.1559	3	S 18	1934.0195	967.5137
417.1985	4	E 17	1846.9875	923.9977
504.2305	5	S 16	1717.9449	859.4764
617.3146	6	I 15	1630.9129	815.9604
704.3466	7	S 14	1517.8288	759.4183
818.3896	8	N 13	1430.7968	715.9023
931.4736	9	L 12	1316.7539	658.8808
1018.5057	10	S 11	1203.6698	602.3388
1147.5482	11	E 10	1116.6378	558.8228
1218.5854	12	A 9	987.5952	494.3015
1275.6068	13	G 8	916.5581	458.7829
1362.6389	14	S 7	859.5366	430.2722
1461.7073	15	V 6	772.5046	386.7562
1617.8336	16	K 5	673.4362	337.2220
1773.9599	17	K 4	517.3099	259.1588
1830.9813	18	G 3	361.1836	181.0957
1960.0239	19	E 2	304.1621	152.5850
	20	R 1	175.1195	88.0637

N-term: +29.04 K(16): +156.13
 K(17): +156.13

TATPQQAQEVHEKLR, MH+ 1804.0353, m/z 451.7643
 H OS G28 P150811 220811-s1.02656.02656.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

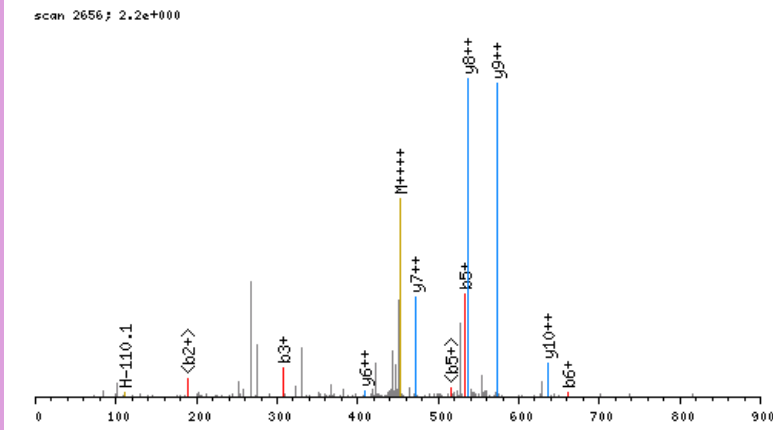
y + 2+ 3+

z + 2+ 3+

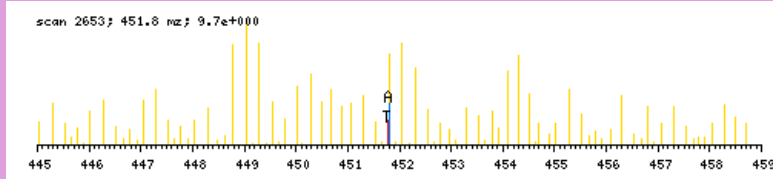
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
136.1186	1	T	15		
207.1557	2	A	14	1668.9246	834.9662
308.2034	3	T	13	1597.8875	799.4476
405.2561	4	P	12	1496.8398	748.9238
533.3147	5	Q	11	1399.7870	700.3974
661.3733	6	Q	10	1271.7284	636.3681
732.4104	7	A	9	1143.6699	572.3388
860.4690	8	Q	8	1072.6328	536.8203
989.5116	9	E	7	944.5742	472.7910
1088.5800	10	V	6	815.5316	408.2697
1225.6389	11	H	5	716.4632	358.7355
1354.6815	12	E	4	579.4043	290.2060
1516.8396	13	K	3	450.3617	225.6847
1629.9237	14	L	2	288.2036	144.6057
	15	R	1	175.1195	88.0637

N-term:+35.07 K(13):+162.16

TAVAPSAVNLDPR, MH+ 1409.7752, m/z 470.5966
 L OS G25 P150811 220811-s1.04980.04980.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

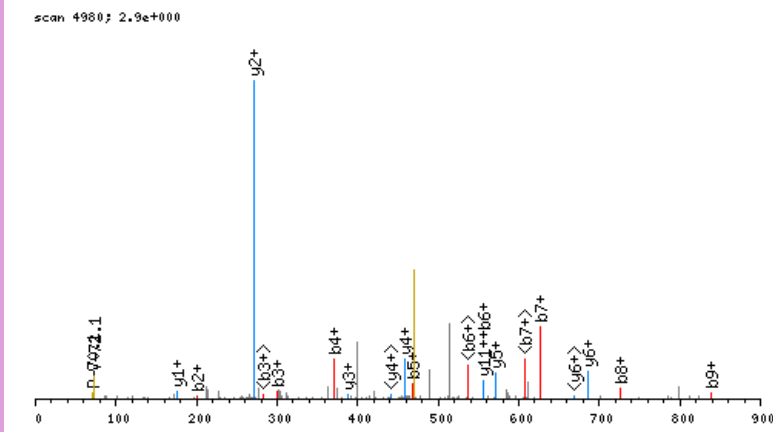
y + 2+ 3+

z + 2+ 3+

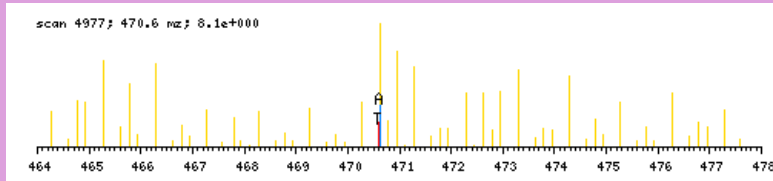
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 14		
201.1239	2	A 13	1280.6963	640.8520
300.1923	3	V 12	1209.6592	605.3335
371.2294	4	A 11	1110.5907	555.7993
468.2822	5	P 10	1039.5536	520.2807
555.3142	6	S 9	942.5009	471.7543
626.3513	7	A 8	855.4688	428.2383
725.4197	8	V 7	784.4317	392.7198
839.4627	9	N 6	685.3633	343.1856
952.5467	10	L 5	571.3204	286.1641
1023.5838	11	A 4	458.2363	229.6221
1138.6108	12	D 3	387.1992	194.1035
1235.6636	13	P 2	272.1723	136.5900
	14	R 1	175.1195	88.0637

N-term:+29.04

TAVQEISHLIEPLASAAR, MH+ 1934.0711, m/z 645.3619
 L OS G26 P150811 220811-s1.06602.06602.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

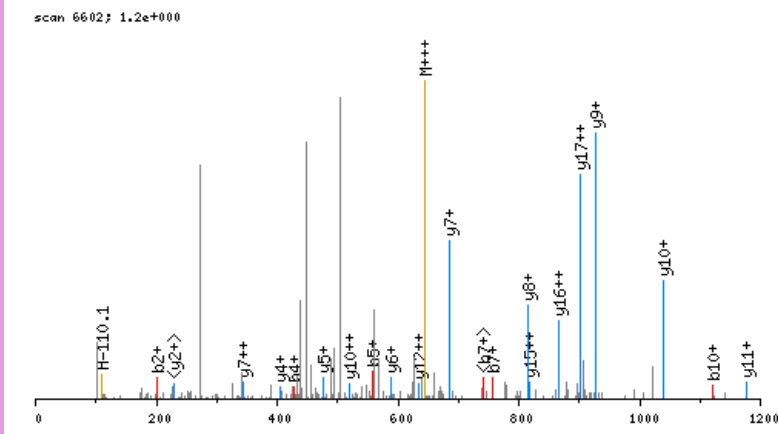
y + 2+ 3+

z + 2+ 3+

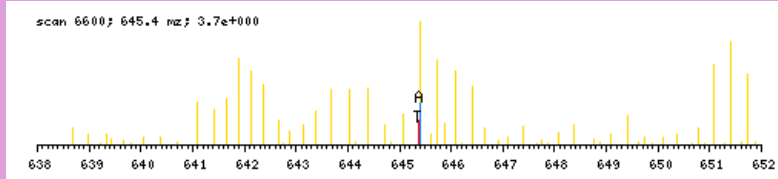
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 18		
201.1239	2	A 17	1804.9921	903.0000
300.1923	3	V 16	1733.9550	867.4814
428.2509	4	Q 15	1634.8866	817.9472
557.2935	5	E 14	1506.8280	753.9179
670.3775	6	I 13	1377.7854	689.3966
757.4096	7	S 12	1264.7014	632.8546
894.4685	8	H 11	1177.6693	589.3386
1007.5525	9	L 10	1040.6104	520.8091
1120.6366	10	I 9	927.5264	464.2671
1249.6792	11	E 8	814.4423	407.7251
1346.7320	12	P 7	685.3997	343.2038
1459.8160	13	L 6	588.3469	294.6774
1530.8531	14	A 5	475.2629	238.1353
1617.8852	15	S 4	404.2258	202.6168
1688.9223	16	A 3	317.1937	159.1008
1759.9594	17	A 2	246.1566	123.5822
	18	R 1	175.1195	88.0637

N-term:+29.04

TCCKAADKDTCFSTEGPNLVTR, MH+ 2633.3221, m/z 659.0860
 H OS G28 P150811 220811-s1.04500.04500.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

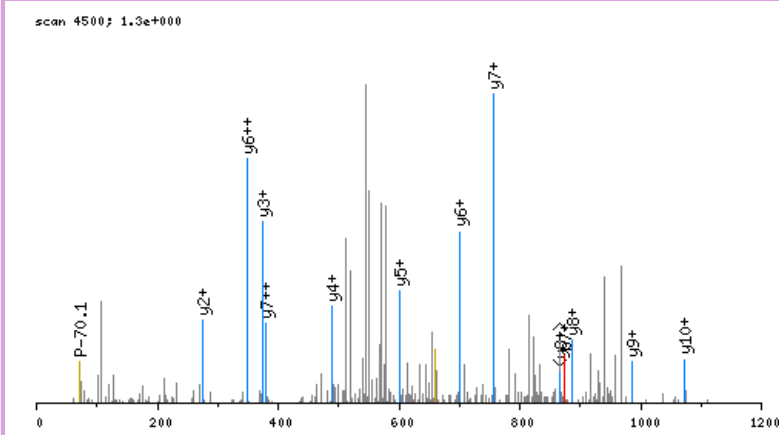
y + 2+ 3+

z + 2+ 3+

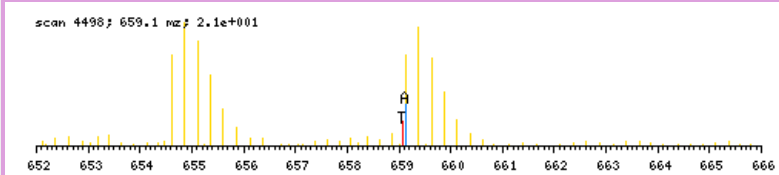
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



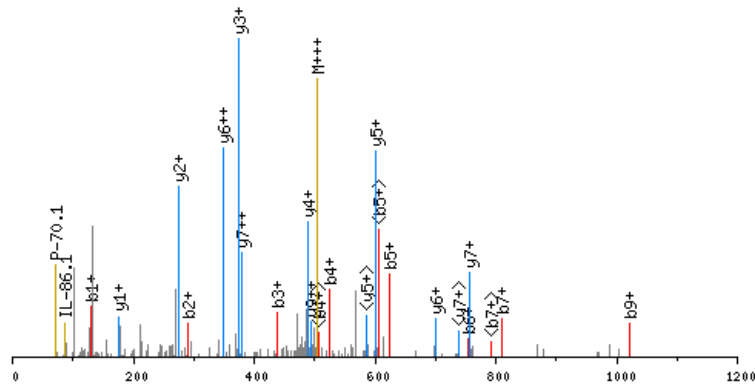
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 22		
296.1492	2	C 21	2498.2113	1249.6096
456.1798	3	C 20	2338.1807	1169.5943
618.3379	4	K 19	2178.1501	1089.5790
689.3750	5	A 18	2015.9920	1008.4999
760.4121	6	A 17	1944.9549	972.9814
875.4390	7	D 16	1873.9178	937.4628
1037.5971	8	K 15	1758.8908	879.9493
1152.6241	9	D 14	1596.7327	798.8703
1253.6718	10	T 13	1481.7058	741.3568
1413.7024	11	C 12	1380.6581	690.8330
1560.7708	12	F 11	1220.6275	610.8177
1647.8028	13	S 10	1073.5591	537.2835
1748.8505	14	T 9	986.5271	493.7675
1877.8931	15	E 8	885.4794	443.2436
1934.9145	16	G 7	756.4368	378.7223
2031.9673	17	P 6	699.4153	350.2116
2146.0102	18	N 5	602.3626	301.6852
2259.0943	19	L 4	488.3197	244.6637
2358.1627	20	V 3	375.2356	188.1217
2459.2104	21	T 2	276.1672	138.5875
	22	R 1	175.1195	88.0637

N-term:+35.07 C(2):+160.03
 C(3):+160.03 K(4):+162.16 K(8):+162.16
 C(11):+160.03

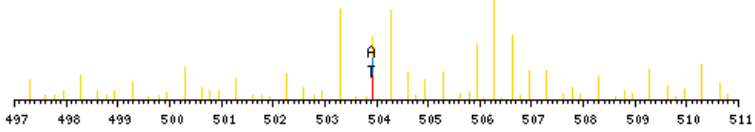
TCFSTEGPNLVTR, MH+ 1509.7371, m/z 503.9172
 L OS G25 P150811 220811-s1.05114.05114.3.dta

scan 5114; 9.0e-001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5112; 503.9 m/z; 2.7e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T	13	
290.1174	2	C	12	1380.6581 690.8330
437.1858	3	F	11	1220.6275 610.8177
524.2178	4	S	10	1073.5591 537.2835
625.2655	5	T	9	986.5271 493.7675
754.3081	6	E	8	885.4794 443.2436
811.3296	7	G	7	756.4368 378.7223
908.3823	8	P	6	699.4153 350.2116
1022.4252	9	N	5	602.3626 301.6852
1135.5093	10	L	4	488.3197 244.6637
1234.5777	11	V	3	375.2356 188.1217
1335.6254	12	T	2	276.1672 138.5875
	13	R	1	175.1195 88.0637

N-term:+29.04 C(2):+160.03

TCPLAAGGQQEKLK, MH+ 1584.8531, m/z 528.9559
 L OS G27 P150811 220811-s1.02966.02966.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

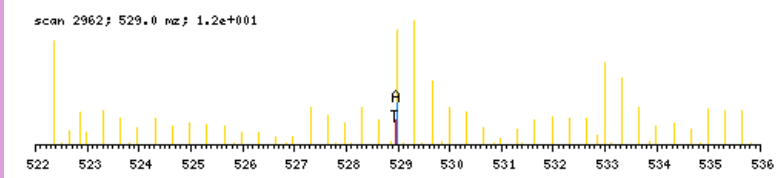
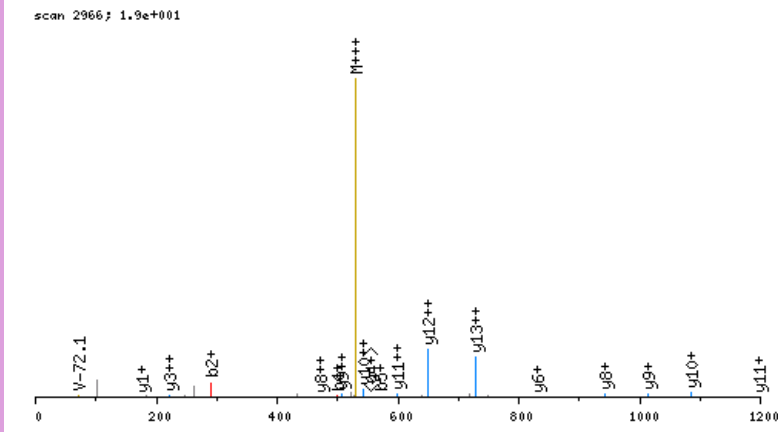
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

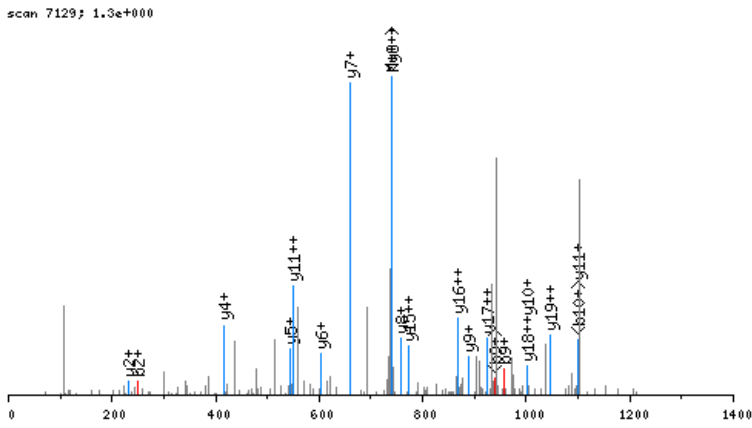
GO



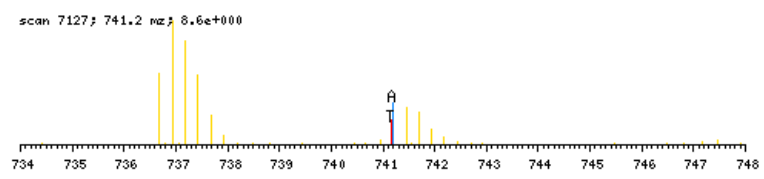
b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 14		
290.1174	2	C 13	1455.7742	728.3910
387.1701	3	P 12	1295.7436	648.3757
500.2542	4	L 11	1198.6908	599.8493
571.2913	5	A 10	1085.6068	543.3073
642.3284	6	A 9	1014.5697	507.7887
699.3499	7	G 8	943.5325	472.2702
756.3714	8	G 7	886.5111	443.7595
884.4299	9	Q 6	829.4896	415.2487
1012.4885	10	Q 5	701.4310	351.2194
1141.5311	11	E 4	573.3725	287.1901
1297.6574	12	K 3	444.3299	222.6688
1410.7415	13	L 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+29.04 C(2):+160.03
 K(12):+156.13

TDAEKSAVSCLWAKVNPDEVGGEALGR, MH+ 2961.5840, m/z 741.1515
 H OS G27 P150811 220811-s1.07129.07129.4.dta



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a 2+ 3+

b 2+ 3+

c 2+ 3+

x 2+ 3+

y 2+ 3+

z 2+ 3+

hide H₂O/NH₃

zoom 112-122

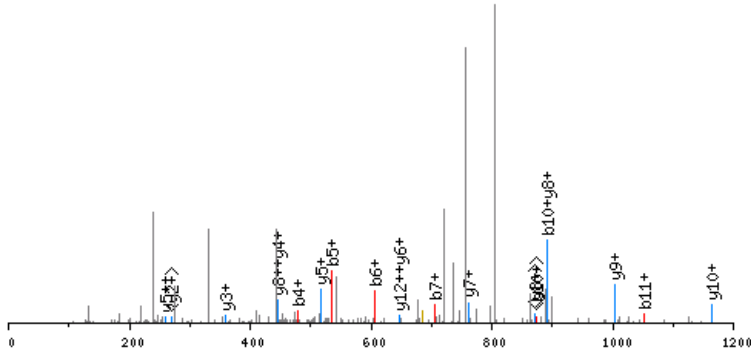
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
136.1186	1	T	27		
251.1455	2	D	26	2826.4732	1413.7405
322.1826	3	A	25	2711.4463	1356.2271
451.2252	4	E	24	2640.4092	1320.7085
613.3833	5	K	23	2511.3666	1256.1872
700.4154	6	S	22	2349.2085	1175.1082
771.4525	7	A	21	2262.1765	1131.5921
870.5209	8	V	20	2191.1394	1096.0736
957.5529	9	S	19	2092.0709	1046.5394
1117.5835	10	C	18	2005.0389	1003.0234
1230.6676	11	L	17	1845.0083	923.0081
1416.7469	12	W	16	1731.9242	866.4660
1487.7840	13	A	15	1545.8449	773.4264
1649.9421	14	K	14	1474.8078	737.9078
1749.0105	15	V	13	1312.6497	656.8288
1863.0534	16	N	12	1213.5813	607.2946
1960.1062	17	P	11	1099.5384	550.2731
2075.1332	18	D	10	1002.4856	501.7467
2204.1757	19	E	9	887.4587	444.2332
2303.2442	20	V	8	758.4161	379.7120
2360.2656	21	G	7	659.3477	330.1777
2417.2871	22	G	6	602.3262	301.6670
2546.3297	23	E	5	545.3047	273.1563
2617.3668	24	A	4	416.2621	208.6350
2730.4509	25	L	3	345.2250	173.1164
2787.4723	26	G	2	232.1410	116.5744
	27	R	1	175.1195	88.0637

N-term:+35.07 K(5):+162.16
 C(10):+160.03 K(14):+162.16

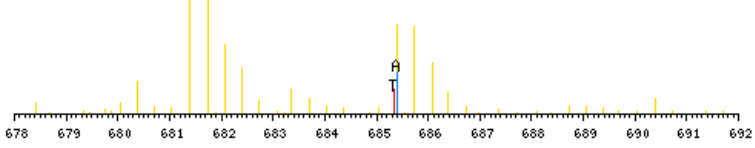
TDDLGA VGGACLEDEASALR, MH+ 2053.9924, m/z 685.3356
 H OS G24 P150811 220811-s1.04434.04434.3.dta

scan 4434; 2.1e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 4432; 685.3 m/z; 4.0e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

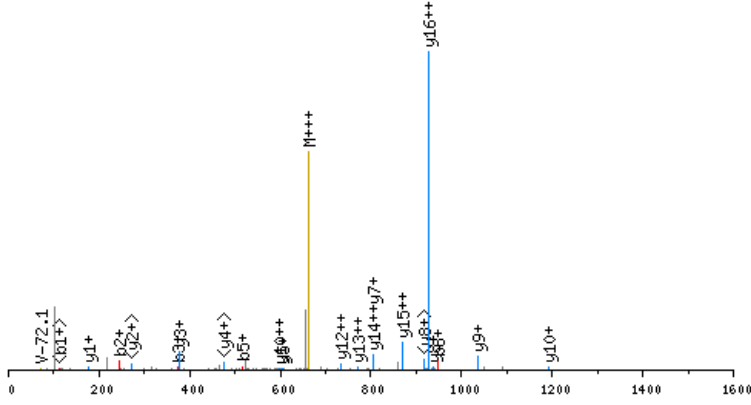
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
136.1186	1	T	20		
251.1455	2	D	19	1918.8816	959.9447
366.1725	3	D	18	1803.8547	902.4312
479.2565	4	L	17	1688.8277	844.9178
536.2780	5	G	16	1575.7436	788.3757
607.3151	6	A	15	1518.7222	759.8650
706.3835	7	V	14	1447.6851	724.3464
763.4050	8	G	13	1348.6167	674.8122
820.4264	9	G	12	1291.5952	646.3015
891.4636	10	A	11	1234.5737	617.7908
1051.4942	11	C	10	1163.5366	582.2722
1164.5782	12	L	9	1003.5060	502.2569
1293.6208	13	E	8	890.4220	445.7149
1408.6478	14	D	7	761.3794	381.1936
1537.6904	15	E	6	646.3524	323.6801
1608.7275	16	A	5	517.3098	259.1588
1695.7595	17	S	4	446.2727	223.6403
1766.7966	18	A	3	359.2407	180.1243
1879.8807	19	L	2	288.2036	144.6057
	20	R	1	175.1195	88.0637

N-term:+35.07 C(11);+160.03

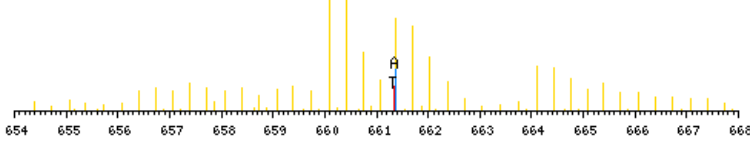
TDEAAFQKVMNSLDSNR, MH+ 1981.9653, m/z 661.3266
 L OS G26 P150811 220811-s1.05682.05682.3.dta

scan 5682; 7.1e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5680; 661.3 m/z; 1.9e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	17		
245.1137	2	D	16	1852.8864	926.9471
374.1563	3	E	15	1737.8594	869.4336
445.1934	4	A	14	1608.8168	804.9123
516.2305	5	A	13	1537.7797	769.3938
663.2990	6	F	12	1466.7426	733.8752
791.3575	7	Q	11	1319.6742	660.3410
947.4838	8	K	10	1191.6156	596.3117
1046.5522	9	V	9	1035.4893	518.2486
1177.5927	10	M	8	936.4209	468.7144
1264.6248	11	S	7	805.3804	403.1941
1378.6677	12	N	6	718.3484	359.6781
1491.7518	13	L	5	604.3055	302.6566
1606.7787	14	D	4	491.2214	246.1146
1693.8107	15	S	3	376.1945	188.6011
1807.8537	16	N	2	289.1624	145.0851
	17	R	1	175.1195	88.0637

N-term:+29.04 K(8):+156.13

TDEATIIDIVTHR, MH+ 1511.8069, m/z 504.6072
 L OS G26 P150811 220811-s1.06334.06334.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

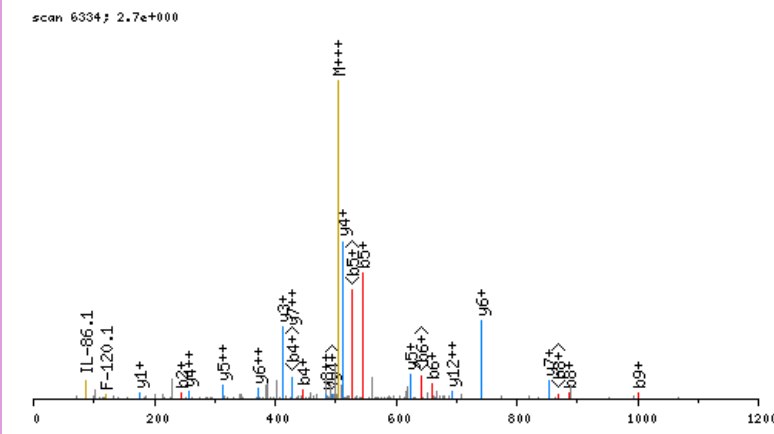
y + 2+ 3+

z + 2+ 3+

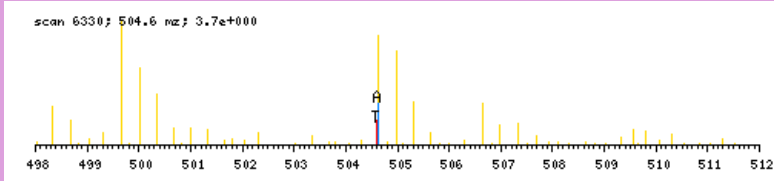
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 13		
245.1137	2	D 12	1382.7280	691.8679
374.1563	3	E 11	1267.7010	634.3544
445.1934	4	A 10	1138.6584	569.8331
546.2411	5	T 9	1067.6213	534.3146
659.3252	6	I 8	966.5736	483.7907
772.4092	7	I 7	853.4896	427.2487
887.4362	8	D 6	740.4055	370.7067
1000.5202	9	I 5	625.3786	313.1932
1099.5887	10	V 4	512.2945	256.6512
1200.6363	11	T 3	413.2261	207.1170
1337.6952	12	H 2	312.1784	156.5931
	13	R 1	175.1195	88.0637

N-term:+29.04

TDEDSILNLLTSR, MH+ 1504.7859, m/z 502.2668
 L OS G25 P150811 220811-s1.08228.08228.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

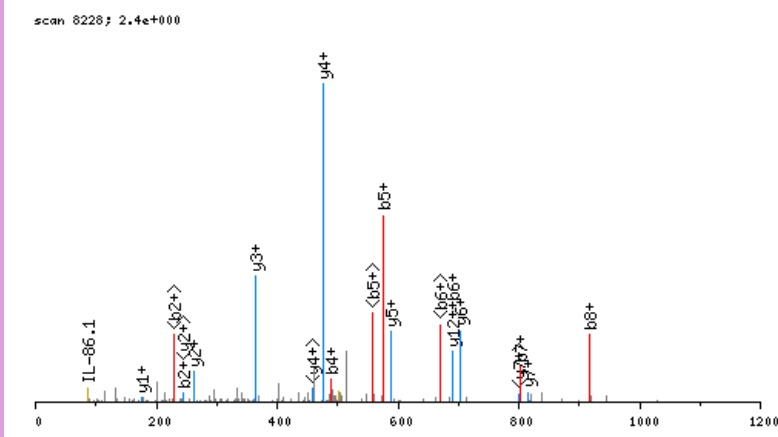
y + 2+ 3+

z + 2+ 3+

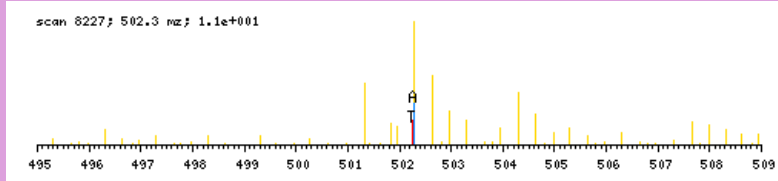
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



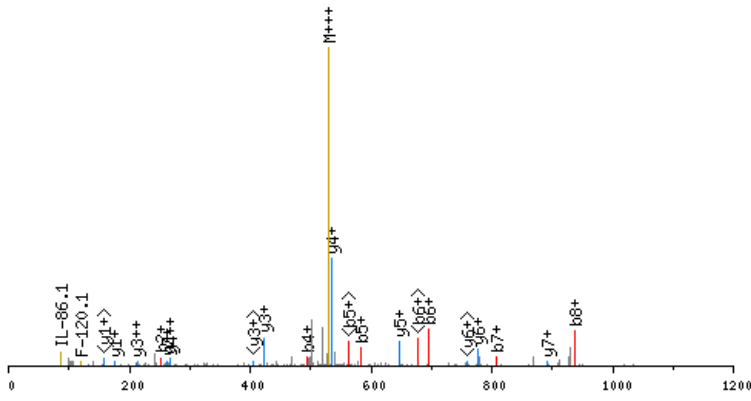
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 13		
245.1137	2	D 12	1375.7069	688.3574
374.1563	3	E 11	1260.6800	630.8439
489.1833	4	D 10	1131.6374	566.3226
576.2153	5	S 9	1016.6104	508.8091
689.2994	6	I 8	929.5784	465.2931
802.3834	7	L 7	816.4943	408.7511
916.4263	8	N 6	703.4103	352.2090
1029.5104	9	L 5	589.3673	295.1876
1142.5945	10	L 4	476.2833	238.6455
1243.6421	11	T 3	363.1992	182.1035
1330.6742	12	S 2	262.1515	131.5797
	13	R 1	175.1195	88.0637

N-term:+29.04

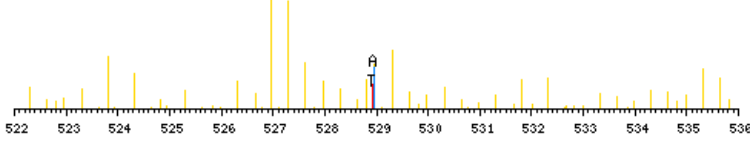
TDEDSLIEIICSR, MH+ 1584.8002, m/z 528.9383
 H OS G25 P150811 220811-s1.08080.08080.3.dta

scan 8080; 3.7e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 8077; 528.9 m/z; 1.3e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

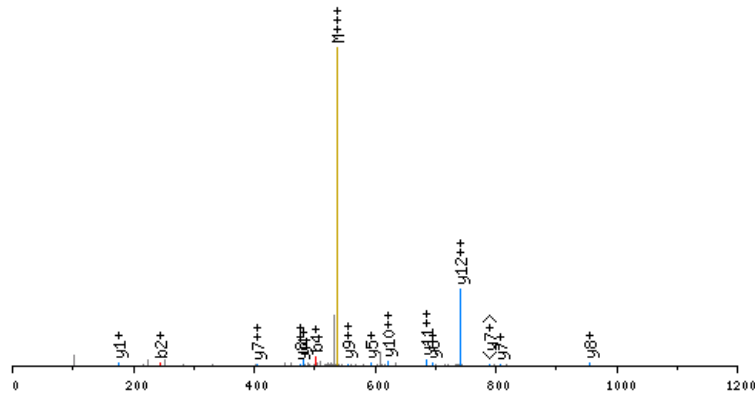
GO

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 13		
251.1455	2	D 12	1449.6895	725.3487
380.1881	3	E 11	1334.6625	667.8352
495.2151	4	D 10	1205.6199	603.3139
582.2471	5	S 9	1090.5930	545.8004
695.3312	6	L 8	1003.5610	502.2844
808.4152	7	I 7	890.4769	445.7424
937.4578	8	E 6	777.3929	389.2003
1050.5419	9	I 5	648.3503	324.6790
1163.6259	10	I 4	535.2662	268.1370
1323.6565	11	C 3	422.1821	211.5950
1410.6886	12	S 2	262.1515	131.5797
	13	R 1	175.1195	88.0637

N-term:+35.07 C(11):+160.03

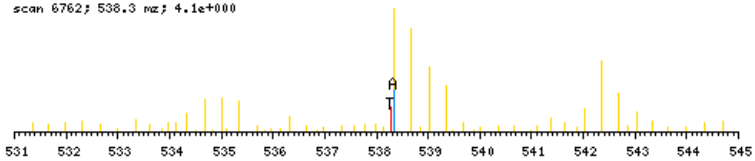
TDEEKFITIFGTR, MH+ 1612.8587, m/z 538.2911
 L OS G27 P150811 220811-s1.06766.06766.3.dta

scan 6766; 1.1e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6762; 538.3 m/z; 4.1e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

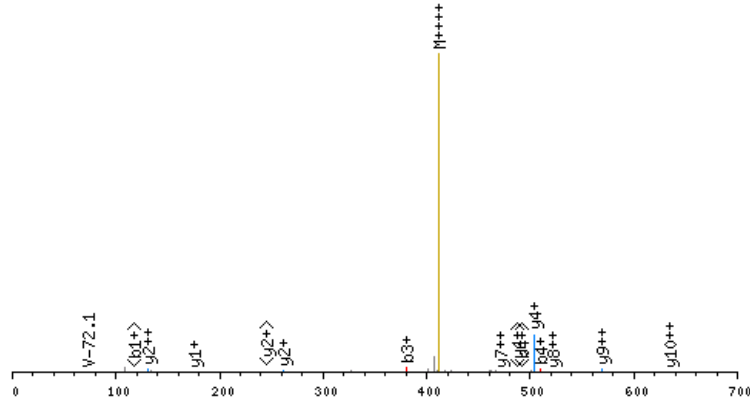
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	13		
245.1137	2	D	12	1483.7797	742.3938
374.1563	3	E	11	1368.7528	684.8803
503.1989	4	E	10	1239.7102	620.3590
659.3252	5	K	9	1110.6676	555.8377
806.3936	6	F	8	954.5413	477.7746
919.4777	7	I	7	807.4729	404.2403
1020.5254	8	T	6	694.3888	347.6983
1133.6094	9	I	5	593.3411	297.1745
1280.6778	10	F	4	480.2571	240.6324
1337.6993	11	G	3	333.1886	167.0982
1438.7470	12	T	2	276.1672	138.5875
	13	R	1	175.1195	88.0637

N-term:+29.04 K(5):+156.13

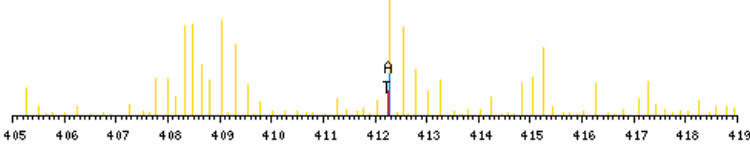
TDEEPVKLLESR, MH+ 1646.0225, m/z 412.2611
 H OS G28 P150811 220811-s1.05395.05395.4.dta

scan 5395; 2.8e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5393; 412.3 mz; 1.9e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
136.1186	1	T	13		
251.1455	2	D	12	1510.9118	755.9598
380.1881	3	E	11	1395.8848	698.4463
509.2307	4	E	10	1266.8422	633.9250
606.2835	5	P	9	1137.7996	569.4037
705.3519	6	V	8	1040.7469	520.8773
867.5100	7	K	7	941.6785	471.3431
1029.6681	8	K	6	779.5204	390.2641
1142.7521	9	L	5	617.3623	309.1850
1255.8362	10	L	4	504.2782	252.6430
1384.8788	11	E	3	391.1941	196.1010
1471.9108	12	S	2	262.1515	131.5797
	13	R	1	175.1195	88.0637

N-term:+35.07 K(7):+162.16
 K(8):+162.16

TDEKCLIEILASR, MH+ 1603.8729, m/z 535.2958
 L OS G27 P150811 220811-s1.07001.07001.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

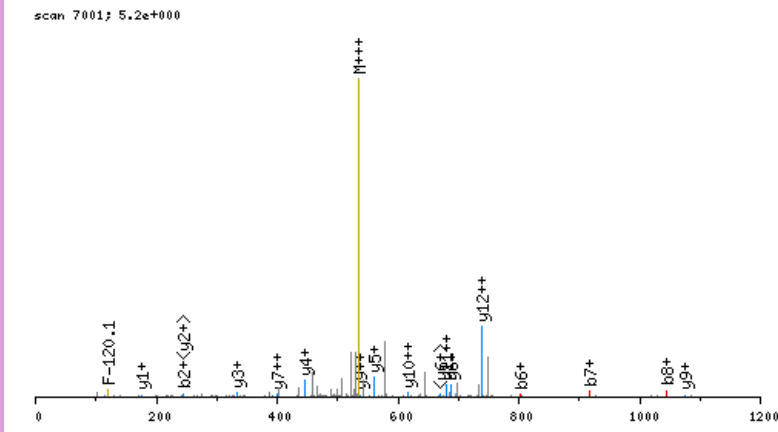
y + 2+ 3+

z + 2+ 3+

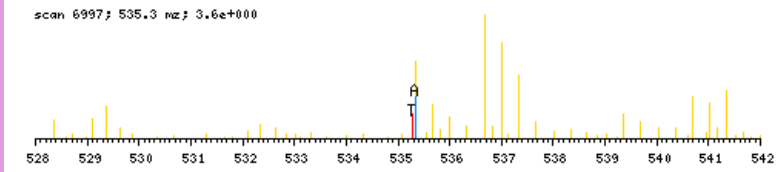
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	13		
245.1137	2	D	12	1474.7939	737.9009
374.1563	3	E	11	1359.7670	680.3874
530.2826	4	K	10	1230.7244	615.8661
690.3132	5	C	9	1074.5981	537.8030
803.3973	6	L	8	914.5675	457.7877
916.4813	7	I	7	801.4834	401.2456
1045.5239	8	E	6	688.3994	344.7036
1158.6080	9	I	5	559.3568	280.1823
1271.6921	10	L	4	446.2727	223.6403
1342.7292	11	A	3	333.1886	167.0982
1429.7612	12	S	2	262.1515	131.5797
	13	R	1	175.1195	88.0637

N-term:+29.04 K(4):+156.13
 C(5):+160.03

TDEKFEVGVYR, MH+ 1398.7269, m/z 466.9138
 L OS G27 P150811 220811-s1.04098.04098.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

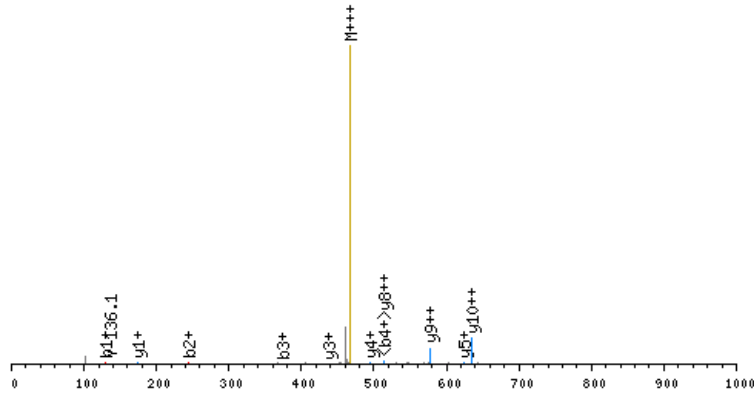
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

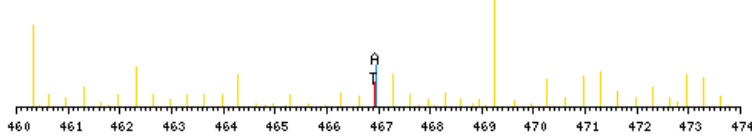
GO

scan 4098; 1.7e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4097; 466.9 m/z; 2.2e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 11		
245.1137	2	D 10	1269.6480	635.3279
374.1563	3	E 9	1154.6210	577.8144
530.2826	4	K 8	1025.5784	513.2931
677.3510	5	F 7	869.4521	435.2300
776.4194	6	V 6	722.3837	361.6958
905.4620	7	E 5	623.3153	312.1616
962.4835	8	G 4	494.2727	247.6403
1061.5519	9	V 3	437.2512	219.1295
1224.6152	10	Y 2	338.1828	169.5953
	11	R 1	175.1195	88.0637

N-term:+29.04 K(4):+156.13

TDEKTLIEILATR, MH+ 1558.9056, m/z 520.3067
 L OS G26 P150811 220811-s1.06662.06662.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

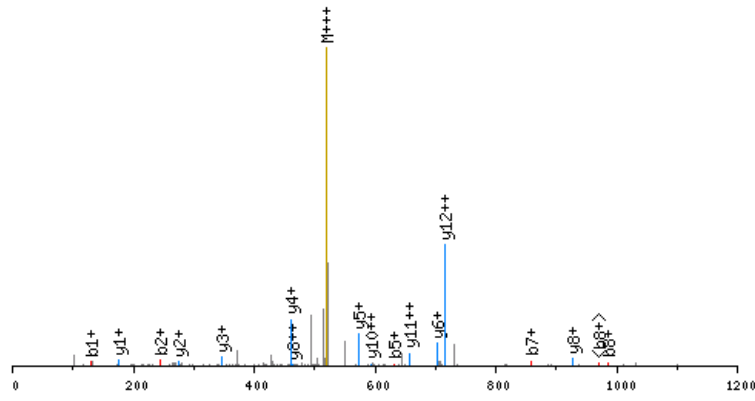
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

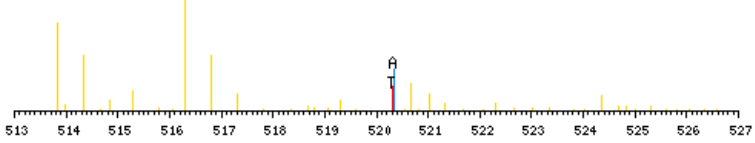
GO

scan 6662; 4.1e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6660; 520.3 m/z; 6.8e+000



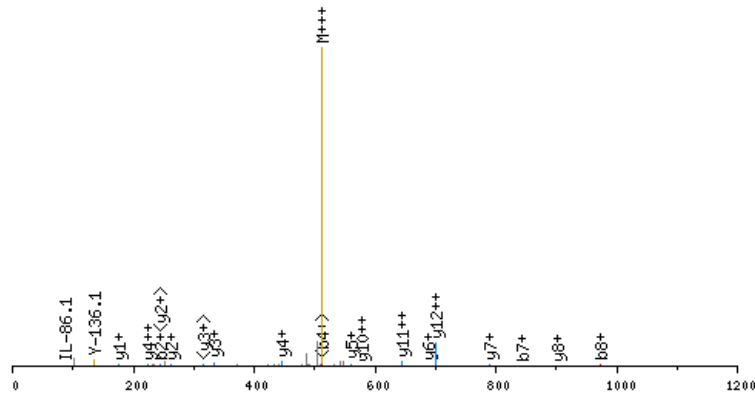
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T	13	
245.1137	2	D	12	1429.8267
374.1563	3	E	11	1314.7997
530.2826	4	K	10	1185.7571
631.3303	5	T	9	1029.6308
744.4144	6	L	8	928.5831
857.4984	7	I	7	815.4991
986.5410	8	E	6	702.4150
1099.6251	9	I	5	573.3724
1212.7091	10	L	4	460.2884
1283.7463	11	A	3	347.2043
1384.7939	12	T	2	276.1672
	13	R	1	175.1195

N-term:+29.04 K(4):+156.13

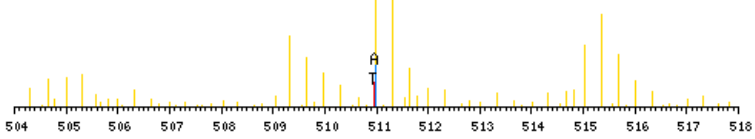
TDEKVLTEIIASR, MH+ 1530.8743, m/z 510.9630
 L OS G26 P150811 220811-s1.05254.05254.3.dta

scan 5254; 2.4e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5250; 511.0 m/z; 1.5e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	13		
245.1137	2	D	12	1401.7954	701.4016
374.1563	3	E	11	1286.7684	643.8881
530.2826	4	K	10	1157.7258	579.3668
629.3510	5	V	9	1001.5995	501.3037
742.4351	6	L	8	902.5311	451.7695
843.4828	7	T	7	789.4470	395.2274
972.5254	8	E	6	688.3994	344.7036
1085.6094	9	I	5	559.3568	280.1823
1198.6935	10	I	4	446.2727	223.6403
1269.7306	11	A	3	333.1886	167.0982
1356.7626	12	S	2	262.1515	131.5797
	13	R	1	175.1195	88.0637

N-term:+29.04 K(4):+156.13

TDEQGNIVTKKIIR, MH+ 1717.1072, m/z 430.0323
 H OS G28 P150811 220811-s1.03661.03661.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

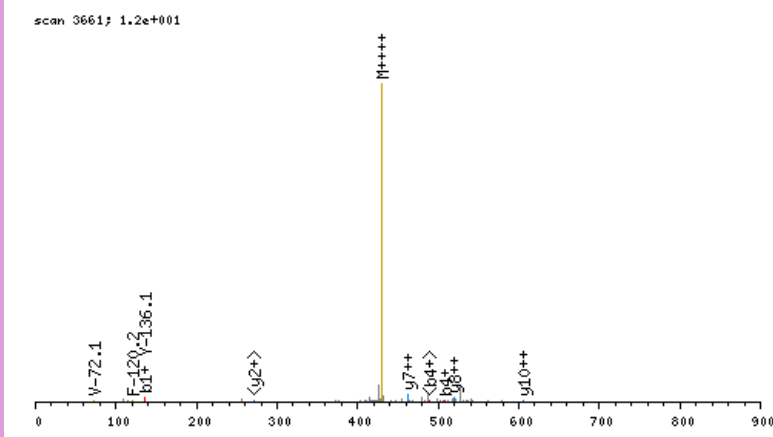
y + 2+ 3+

z + 2+ 3+

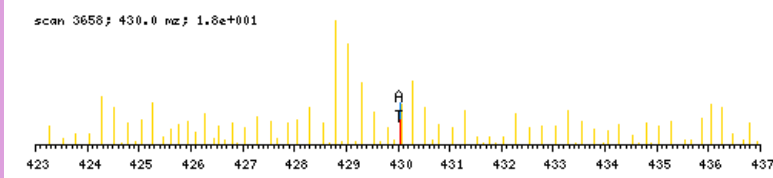
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T	14	
251.1455	2	D	13	1581.9965
380.1881	3	E	12	1466.9695
508.2467	4	Q	11	1337.9270
565.2682	5	G	10	1209.8684
679.3111	6	N	9	1152.8469
792.3951	7	I	8	1038.8040
891.4636	8	V	7	925.7199
992.5112	9	T	6	826.6515
1154.6693	10	K	5	725.6038
1316.8274	11	K	4	563.4457
1429.9115	12	I	3	401.2876
1542.9956	13	I	2	288.2036
	14	R	1	175.1195

N-term:+35.07 K(10):+162.16
 K(11):+162.16

TDESHCVEHIESR, MH+ 1626.7181, m/z 407.4350
 L OS G28 P150811 220811-s1.02207.02207.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

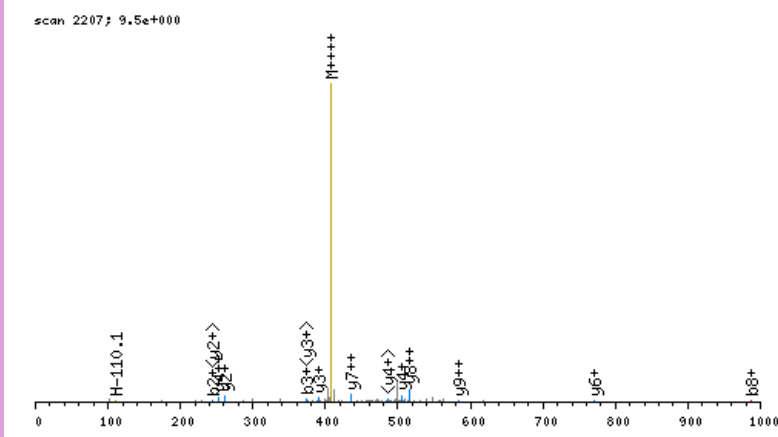
y + 2+ 3+

z + 2+ 3+

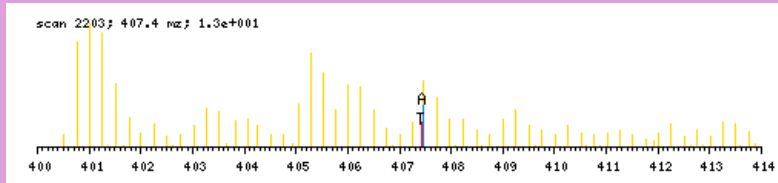
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 13		
245.1137	2	D 12	1497.6392	749.3235
374.1563	3	E 11	1382.6122	691.8100
461.1883	4	S 10	1253.5696	627.2887
598.2473	5	H 9	1166.5376	583.7727
758.2779	6	C 8	1029.4787	515.2433
857.3463	7	V 7	869.4481	435.2280
986.3889	8	E 6	770.3797	385.6938
1123.4478	9	H 5	641.3371	321.1725
1236.5318	10	I 4	504.2782	252.6430
1365.5744	11	E 3	391.1941	196.1010
1452.6065	12	S 2	262.1515	131.5797
	13	R 1	175.1195	88.0637

N-term:+29.04 C(6):+160.03

TDGASSNCVTDISHLVR, MH+ 1946.9241, m/z 649.6462
 L OS G26 P150811 220811-s1.04601.04601.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

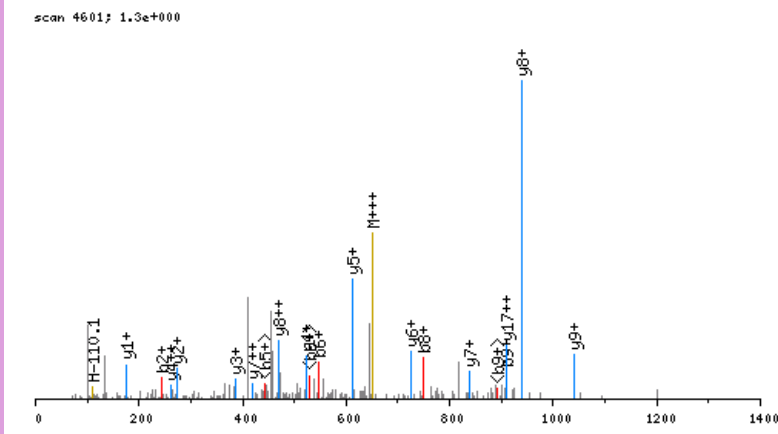
y + 2+ 3+

z + 2+ 3+

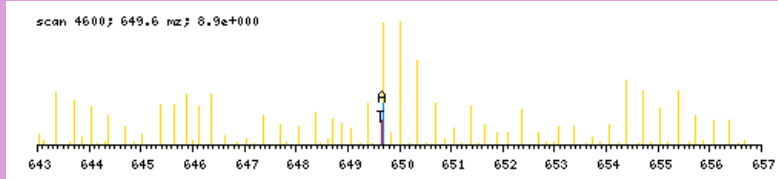
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 18		
245.1137	2	D 17	1817.8452	909.4265
302.1352	3	G 16	1702.8182	851.9130
373.1723	4	A 15	1645.7967	823.4023
460.2043	5	S 14	1574.7596	787.8837
547.2364	6	S 13	1487.7276	744.3677
634.2684	7	S 12	1400.6956	700.8517
748.3113	8	N 11	1313.6635	657.3357
908.3419	9	C 10	1199.6206	600.3142
1007.4103	10	V 9	1039.5900	520.2989
1108.4580	11	T 8	940.5216	470.7647
1223.4849	12	D 7	839.4739	420.2409
1336.5690	13	I 6	724.4470	362.7274
1423.6010	14	S 5	611.3629	306.1854
1560.6600	15	H 4	524.3309	262.6694
1673.7440	16	L 3	387.2720	194.1399
1772.8124	17	V 2	274.1879	137.5979
	18	R 1	175.1195	88.0637

N-term:+29.04 C(9):+160.03

TDGDANTGESRPEKIQENVNR, MH+ 2272.1170, m/z 568.7847
 L OS G28 P150811 220811-s1.02394.02394.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

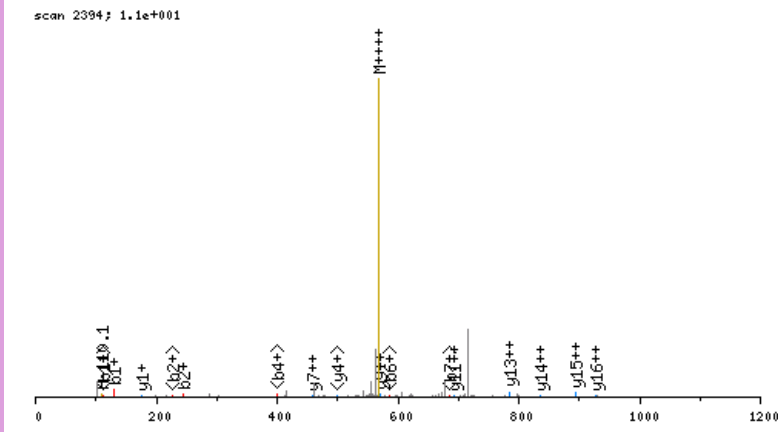
y + 2+ 3+

z + 2+ 3+

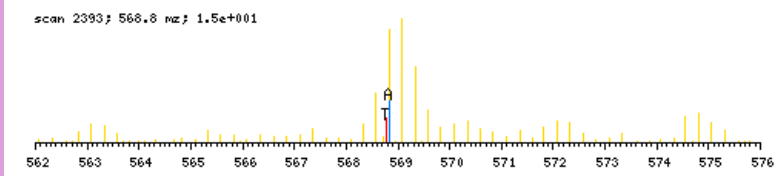
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	20		
245.1137	2	D	19	2143.0380	1072.0229
302.1352	3	G	18	2028.0111	1014.5094
417.1621	4	D	17	1970.9896	985.9987
488.1992	5	A	16	1855.9627	928.4852
602.2422	6	N	15	1784.9255	892.9667
703.2898	7	T	14	1670.8826	835.9452
760.3113	8	G	13	1569.8349	785.4214
889.3539	9	E	12	1512.8135	756.9106
976.3859	10	S	11	1383.7709	692.3893
1132.4870	11	R	10	1296.7388	648.8733
1229.5398	12	P	9	1140.6377	570.8228
1358.5824	13	E	8	1043.5850	522.2964
1514.7087	14	K	7	914.5424	457.7751
1627.7928	15	I	6	758.4161	379.7120
1755.8513	16	Q	5	645.3320	323.1699
1884.8939	17	E	4	517.2734	259.1406
1998.9369	18	N	3	388.2308	194.6193
2098.0053	19	V	2	274.1879	137.5979
	20	R	1	175.1195	88.0637

N-term:+29.04 K(14):+156.13

TDITDAIKLDSGVVKK, MH+ 1815.0592, m/z 454.5203
 L OS G28 P150811 220811-s1.07290.07290.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

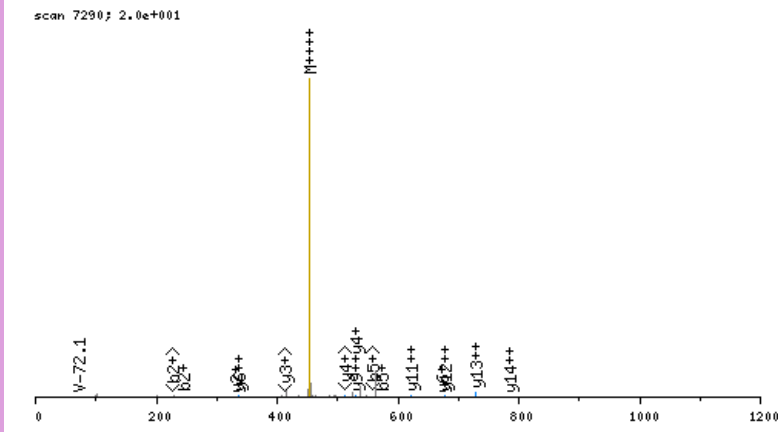
y + 2+ 3+

z + 2+ 3+

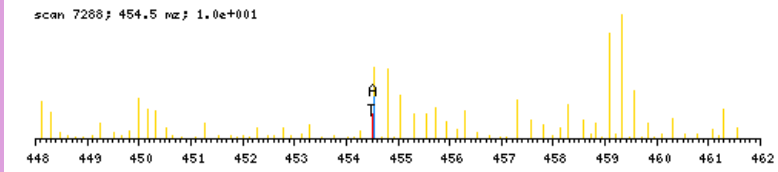
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	16		
245.1137	2	D	15	1685.9802	843.4940
358.1978	3	I	14	1570.9533	785.9806
459.2455	4	T	13	1457.8692	729.4385
574.2724	5	D	12	1356.8215	678.9147
645.3095	6	A	11	1241.7946	621.4012
758.3936	7	I	10	1170.7575	585.8827
914.5199	8	K	9	1057.6734	529.3406
1027.6039	9	L	8	901.5471	451.2775
1142.6309	10	D	7	788.4631	394.7354
1229.6629	11	S	6	673.4361	337.2220
1286.6844	12	G	5	586.4041	293.7060
1385.7528	13	V	4	529.3826	265.1952
1484.8212	14	V	3	430.3142	215.6610
1640.9475	15	K	2	331.2458	166.1268
	16	R	1	175.1195	88.0637

N-term:+29.04 K(8):+156.13
 K(15):+156.13

TDITSLDQYVER, MH+ 1467.7331, m/z 489.9159
 L OS G25 P150811 220811-s1.06974.06974.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

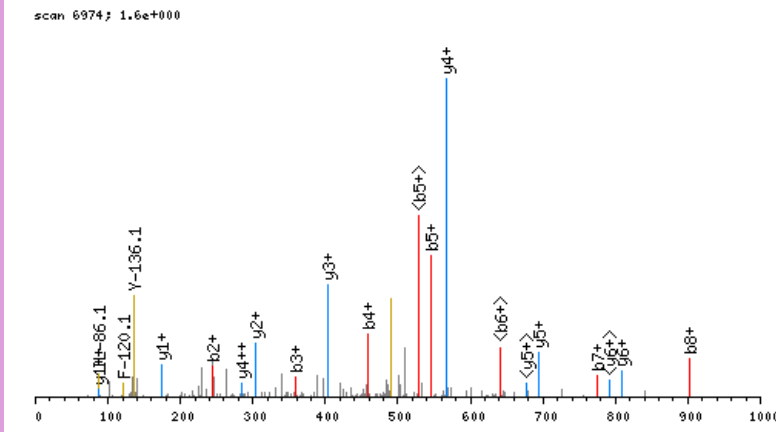
y + 2+ 3+

z + 2+ 3+

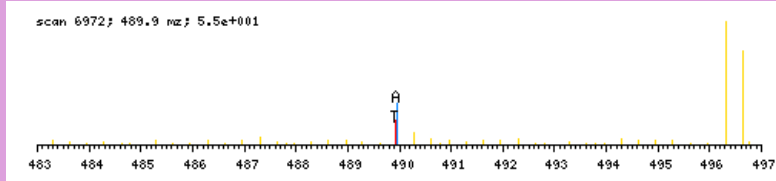
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 12		
245.1137	2	D 11	1338.6541	669.8310
358.1978	3	I 10	1223.6272	612.3175
459.2455	4	T 9	1110.5431	555.7755
546.2775	5	S 8	1009.4954	505.2516
659.3616	6	L 7	922.4634	461.7356
774.3885	7	D 6	809.3794	405.1936
902.4471	8	Q 5	694.3524	347.6801
1065.5104	9	Y 4	566.2938	283.6508
1164.5788	10	V 3	403.2305	202.1192
1293.6214	11	E 2	304.1621	152.5850
	12	R 1	175.1195	88.0637

N-term:+29.04

TDLEKDIISDTSGDFR, MH+ 1867.9289, m/z 623.3145
 L OS G26 P150811 220811-s1.05729.05729.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

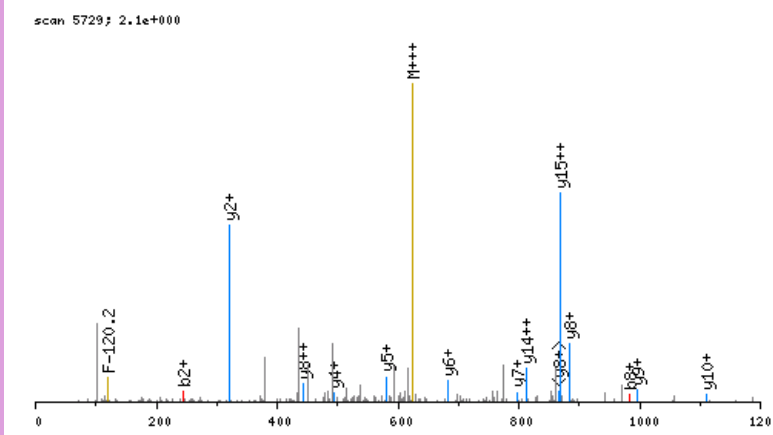
y + 2+ 3+

z + 2+ 3+

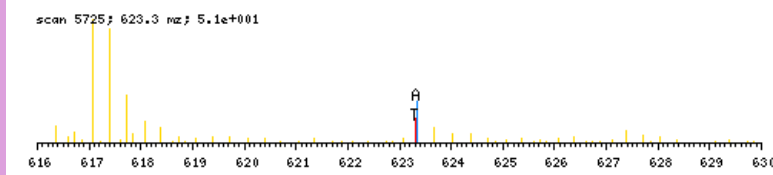
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T	16	
245.1137	2	D	15	1738.8500
358.1978	3	L	14	1623.8230
487.2404	4	E	13	1510.7390
643.3667	5	K	12	1381.6964
758.3936	6	D	11	1225.5701
871.4777	7	I	10	1110.5431
984.5617	8	I	9	997.4591
1071.5938	9	S	8	884.3750
1186.6207	10	D	7	797.3430
1287.6684	11	T	6	682.3160
1374.7004	12	S	5	581.2683
1431.7219	13	G	4	494.2363
1546.7488	14	D	3	437.2149
1693.8172	15	F	2	322.1879
	16	R	1	175.1195

N-term:+29.04 K(5):+156.13

TDLNHNELKGGDDLDPNYVLSSR, MH+ 2628.2906, m/z 657.8281
 L OS G28 P150811 220811-s1.06757.06757.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

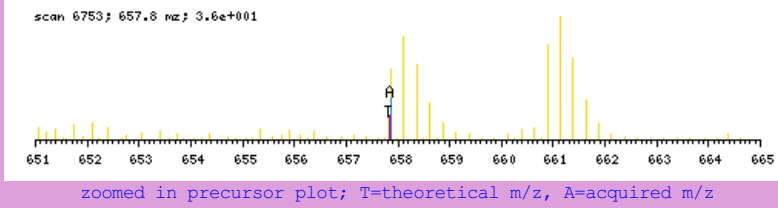
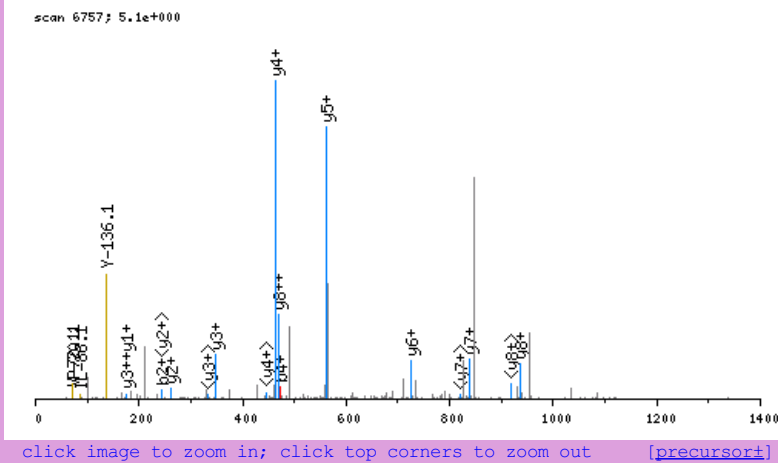
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

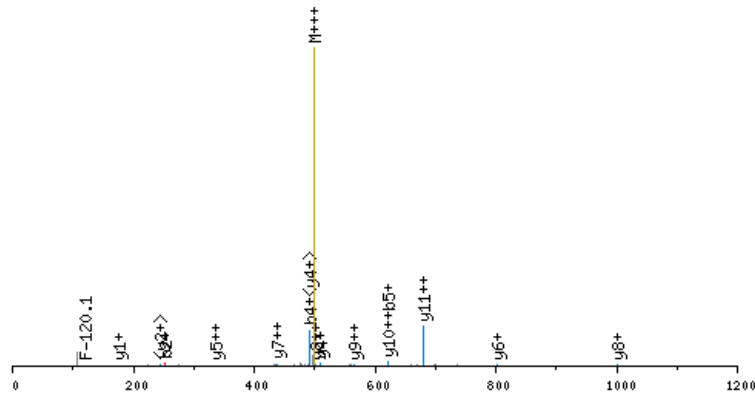


b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	23		
245.1137	2	D	22	2499.2116	1250.1097
358.1978	3	L	21	2384.1847	1192.5962
472.2407	4	N	20	2271.1006	1136.0542
609.2996	5	H	19	2157.0577	1079.0327
738.3422	6	E	18	2019.9988	1010.5033
852.3851	7	N	17	1890.9562	945.9820
965.4692	8	L	16	1776.9132	888.9605
1121.5955	9	K	15	1663.8292	832.4185
1178.6170	10	G	14	1507.7029	754.3554
1235.6384	11	G	13	1450.6814	725.8446
1350.6654	12	D	12	1393.6599	697.3339
1465.6923	13	D	11	1278.6330	639.8204
1578.7764	14	L	10	1163.6061	582.3069
1693.8033	15	D	9	1050.5220	525.7649
1790.8561	16	P	8	935.4951	468.2514
1904.8990	17	N	7	838.4423	419.7251
2067.9624	18	Y	6	724.3994	362.7036
2167.0308	19	V	5	561.3360	281.1719
2280.1148	20	L	4	462.2676	231.6377
2367.1469	21	S	3	349.1836	175.0957
2454.1789	22	S	2	262.1515	131.5797
	23	R	1	175.1195	88.0637

N-term:+29.04 K(9):+156.13

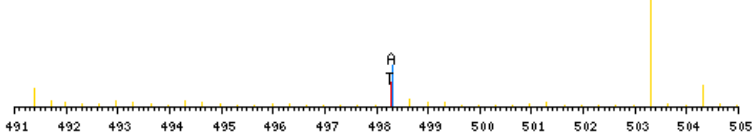
TDLQEAETFSR, MH+ 1492.8284, m/z 498.2810
 H OS G27 P150811 220811-s1.04976.04976.3.dta

scan 4976; 1.5e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4972; 498.3 m/z; 8.9e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T	12	
251.1455	2	D	11	1357.7176
364.2296	3	L	10	1242.6907
492.2882	4	Q	9	1129.6066
621.3308	5	E	8	1001.5480
692.3679	6	A	7	872.5054
821.4105	7	E	6	801.4683
983.5686	8	K	5	672.4257
1084.6162	9	T	4	510.2676
1231.6847	10	F	3	409.2199
1318.7167	11	S	2	262.1515
	12	R	1	175.1195

N-term:+35.07 K(8):+162.16

TDLTKVNKECCHGDLLECADDR, MH+ 2733.2645, m/z 684.0716
 L OS G28 P150811 220811-s1.04849.04849.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

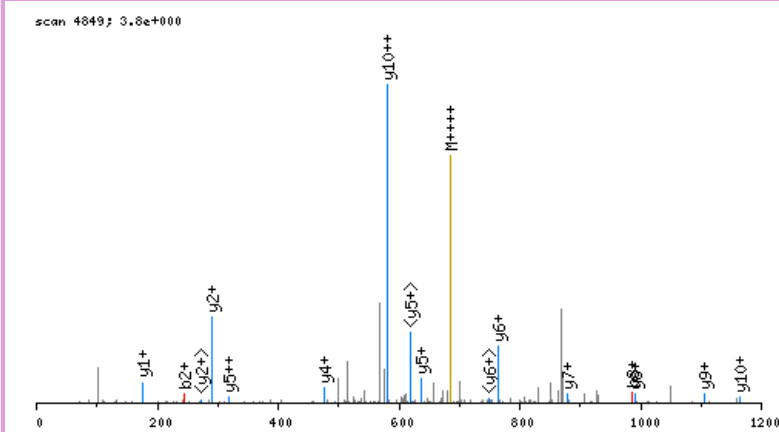
y + 2+ 3+

z + 2+ 3+

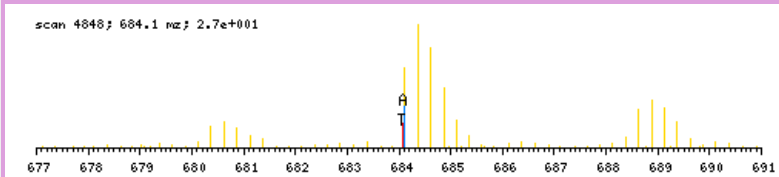
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 22		
245.1137	2	D 21	2604.1856	1302.5967
358.1978	3	L 20	2489.1586	1245.0832
459.2455	4	T 19	2376.0746	1188.5412
615.3718	5	K 18	2275.0269	1138.0174
714.4402	6	V 17	2118.9006	1059.9542
828.4831	7	N 16	2019.8322	1010.4200
984.6094	8	K 15	1905.7892	953.3985
1113.6520	9	E 14	1749.6629	875.3354
1273.6826	10	C 13	1620.6203	810.8141
1433.7132	11	C 12	1460.5897	730.7988
1570.7721	12	H 11	1300.5591	650.7835
1627.7936	13	G 10	1163.5002	582.2540
1742.8205	14	D 9	1106.4788	553.7433
1855.9046	15	L 8	991.4518	496.2298
1968.9886	16	L 7	878.3678	439.6878
2098.0312	17	E 6	765.2837	383.1458
2258.0618	18	C 5	636.2411	318.6245
2329.0990	19	A 4	476.2105	238.6092
2444.1259	20	D 3	405.1734	203.0906
2559.1528	21	D 2	290.1464	145.5771
	22	R 1	175.1195	88.0637

N-term:+29.04 K(5):+156.13
 K(8):+156.13 C(10):+160.03
 C(11):+160.03 C(18):+160.03

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

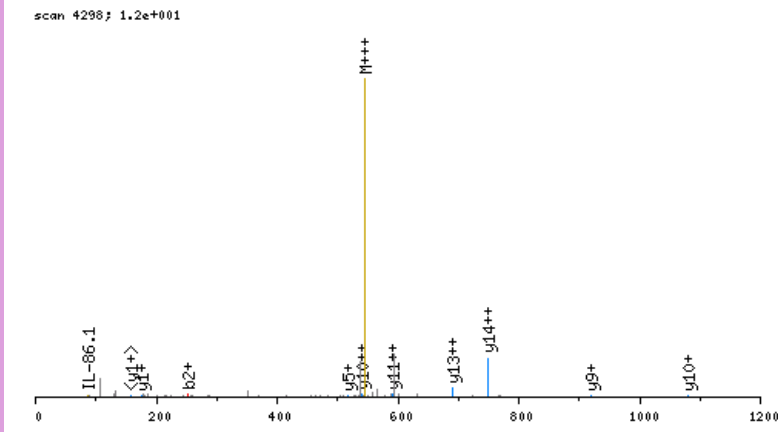
y + 2+ 3+

z + 2+ 3+

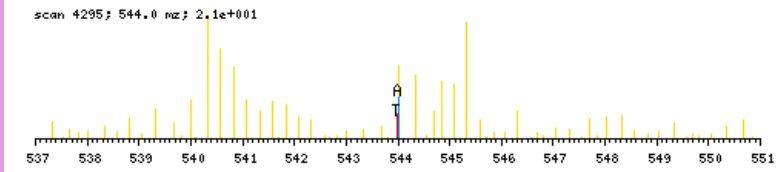
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T	15	
251.1455	2	D	14	1494.8526
338.1776	3	S	13	1379.8257
451.2616	4	L	12	1292.7936
550.3300	5	V	11	1179.7096
710.3606	6	C	10	1080.6412
872.5187	7	K	9	920.6106
943.5558	8	A	8	758.4525
1000.5773	9	G	7	687.4153
1113.6614	10	I	6	630.3939
1226.7454	11	I	5	517.3098
1297.7825	12	A	4	404.2258
1384.8146	13	S	3	333.1886
1455.8517	14	A	2	246.1566
	15	R	1	175.1195

N-term:+35.07 C(6):+160.03
 K(7):+162.16

TDTEDKGEFLSEGGGVR, MH+ 1852.8929, m/z 618.3025
 L OS G26 P150811 220811-s1.03226.03226.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

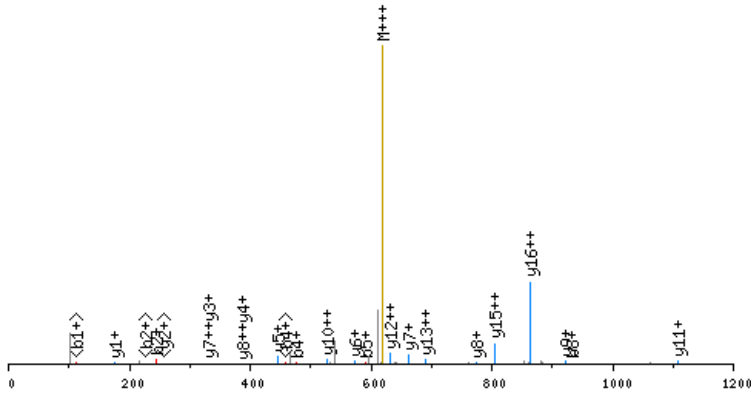
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

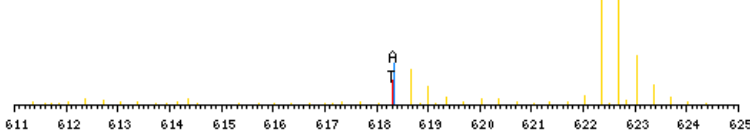
GO

scan 3226; 1.7e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 3225; 618.3 m/z; 7.6e+001



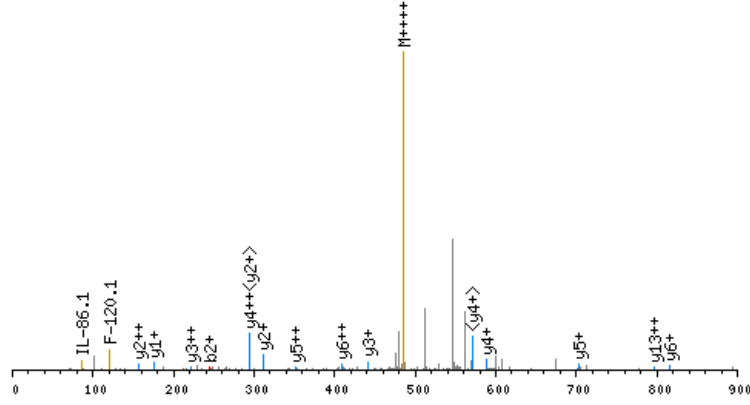
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	17		
245.1137	2	D	16	1723.8139	862.4109
346.1614	3	T	15	1608.7870	804.8974
475.2040	4	E	14	1507.7393	754.3736
590.2309	5	D	13	1378.6967	689.8523
746.3572	6	K	12	1263.6698	632.3388
803.3787	7	G	11	1107.5435	554.2756
932.4213	8	E	10	1050.5220	525.7649
1079.4897	9	F	9	921.4794	461.2436
1192.5738	10	L	8	774.4110	387.7094
1279.6058	11	S	7	661.3269	331.1674
1408.6484	12	E	6	574.2949	287.6514
1465.6699	13	G	5	445.2523	223.1301
1522.6913	14	G	4	388.2308	194.6193
1579.7128	15	G	3	331.2094	166.1086
1678.7812	16	V	2	274.1879	137.5979
	17	R	1	175.1195	88.0637

N-term:+29.04 K(6):+156.13

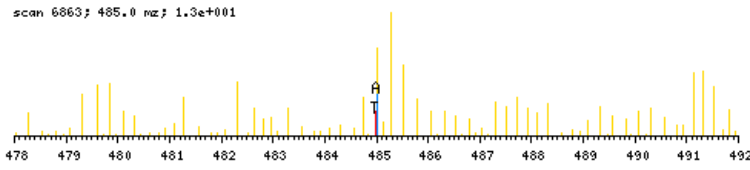
TDVLDHNAVLDFEHR, MH+ 1936.9517, m/z 484.9934
 L OS G28 P150811 220811-s1.06867.06867.4.dta

scan 6867; 4.8e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6863; 485.0 m/z; 1.3e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	16		
245.1137	2	D	15	1807.8727	904.4403
344.1821	3	V	14	1692.8458	846.9268
457.2662	4	L	13	1593.7774	797.3926
585.3248	5	Q	12	1480.6933	740.8506
700.3517	6	D	11	1352.6347	676.8213
837.4106	7	H	10	1237.6078	619.3078
951.4536	8	N	9	1100.5489	550.7784
1022.4907	9	A	8	986.5060	493.7569
1121.5591	10	V	7	915.4688	458.2383
1234.6432	11	L	6	816.4004	408.7041
1349.6701	12	D	5	703.3164	352.1621
1496.7385	13	F	4	588.2894	294.6486
1625.7811	14	E	3	441.2210	221.1144
1762.8400	15	H	2	312.1784	156.5931
	16	R	1	175.1195	88.0637

N-term:+29.04

TEAAAAATGVIGGIR, MH+ 1320.7699, m/z 660.8886
 H OS G25 P150811 220811-s1.04828.04828.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

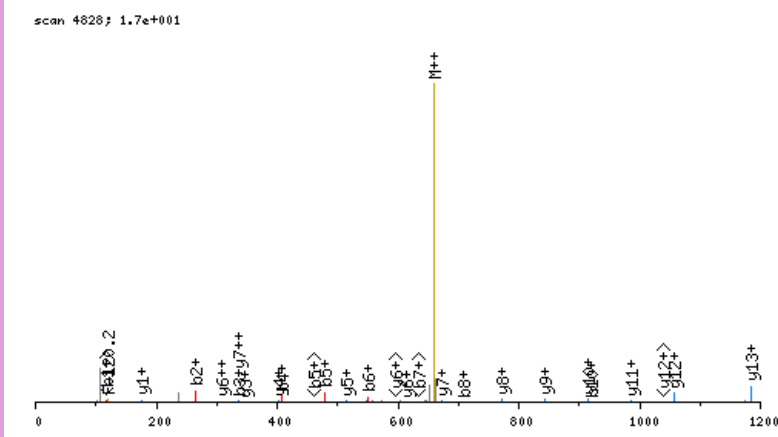
y + 2+ 3+

z + 2+ 3+

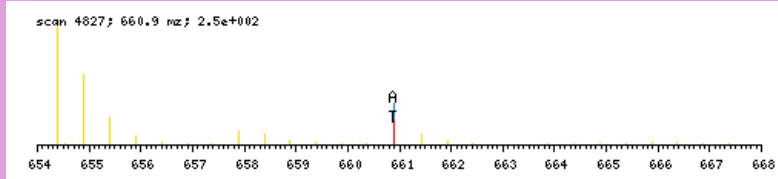
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 14		
265.1612	2	E 13	1185.6592	593.3335
336.1983	3	A 12	1056.6166	528.8122
407.2354	4	A 11	985.5795	493.2936
478.2725	5	A 10	914.5423	457.7751
549.3096	6	A 9	843.5052	422.2565
650.3573	7	T 8	772.4681	386.7380
707.3788	8	G 7	671.4204	336.2141
806.4472	9	V 6	614.3990	307.7034
919.5312	10	I 5	515.3306	258.1692
976.5527	11	G 4	402.2465	201.6272
1033.5742	12	G 3	345.2250	173.1164
1146.6582	13	I 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+35.07

TEAPQVTGPIEVPVVR, MH+ 1719.9645, m/z 573.9930
 L OS G24 P150811 220811-s1.04164.04164.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

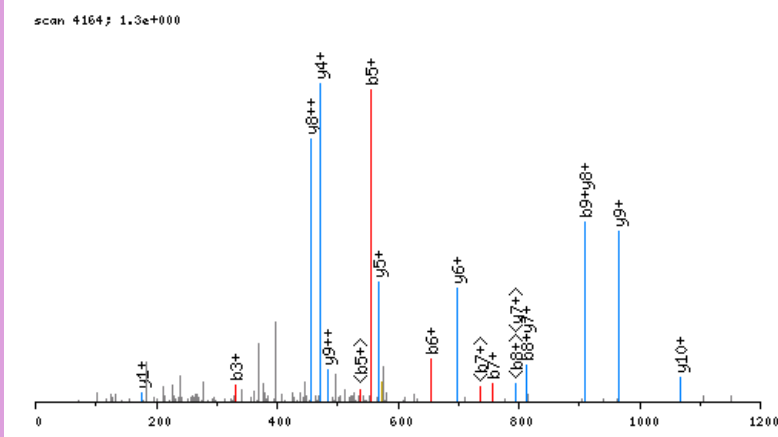
y + 2+ 3+

z + 2+ 3+

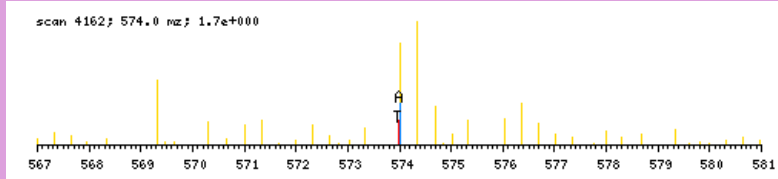
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 16		
259.1294	2	E 15	1590.8855	795.9467
330.1665	3	A 14	1461.8429	731.4254
427.2192	4	P 13	1390.8058	695.9068
555.2778	5	Q 12	1293.7531	647.3804
654.3462	6	V 11	1165.6945	583.3512
755.3939	7	T 10	1066.6261	533.8169
812.4154	8	G 9	965.5784	483.2931
909.4681	9	P 8	908.5569	454.7824
1022.5522	10	I 7	811.5042	406.2560
1151.5948	11	E 6	698.4201	349.7140
1250.6632	12	V 5	569.3775	285.1927
1347.7160	13	P 4	470.3091	235.6585
1446.7844	14	V 3	373.2563	187.1321
1545.8528	15	V 2	274.1879	137.5979
	16	R 1	175.1195	88.0637

N-term:+29.04

TEEDAASYVR, MH+ 1174.5804, m/z 587.7938
 H OS G25 P150811 220811-s1.02783.02783.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

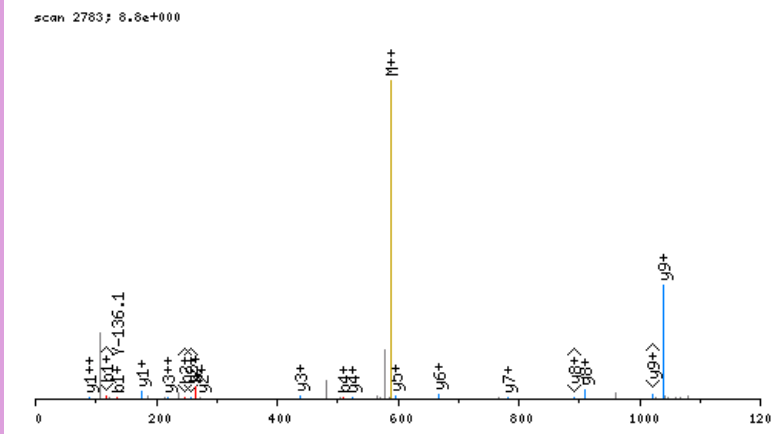
y + 2+ 3+

z + 2+ 3+

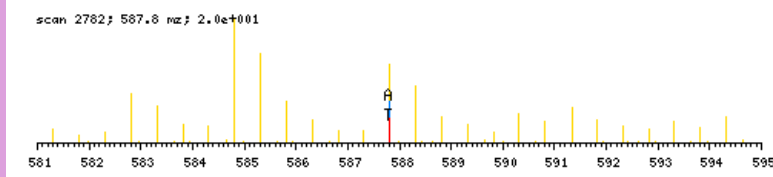
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



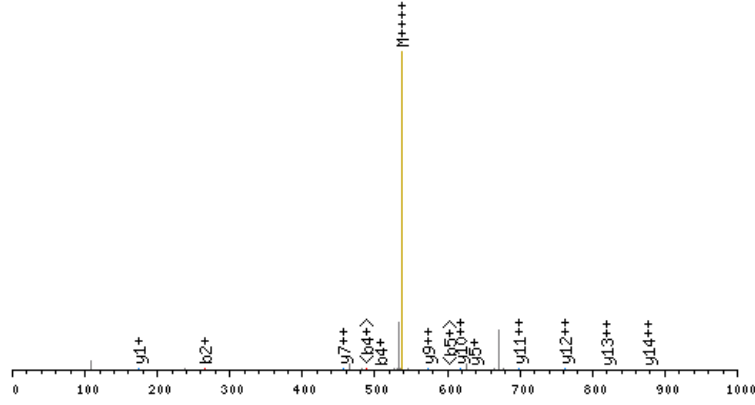
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T	10	
265.1612	2	E	9	1039.4696
394.2038	3	E	8	910.4270
509.2307	4	D	7	781.3844
580.2678	5	A	6	666.3575
651.3049	6	A	5	595.3204
738.3370	7	S	4	524.2833
901.4003	8	Y	3	437.2512
1000.4687	9	V	2	274.1879
	10	R	1	175.1195

N-term:+35.07

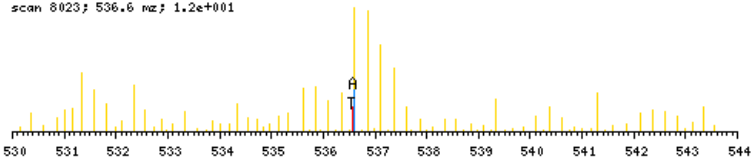
TEEILEKSFQFGKLER, MH+ 2143.2499, m/z 536.5679
 H OS G28 P150811 220811-s1.08025.08025.4.dta

scan 8025; 2.0e+001



click image to zoom in; click top corners to zoom out [precursor±]

scan 8023; 536.6 mz; 1.2e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

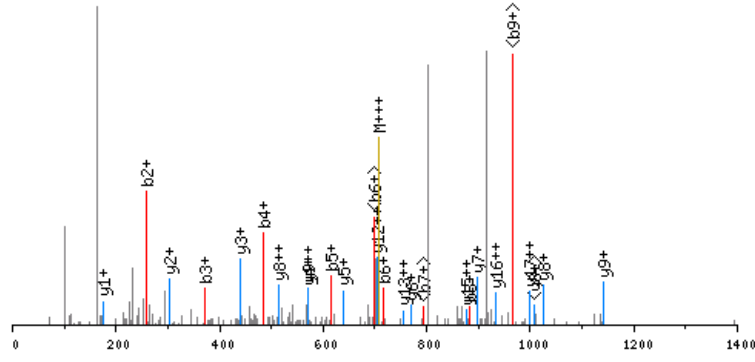
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
136.1186	1	T	17		
265.1612	2	E	16	2008.1392	1004.5735
394.2038	3	E	15	1879.0966	940.0522
507.2878	4	I	14	1750.0540	875.5309
620.3719	5	L	13	1636.9699	818.9889
749.4145	6	E	12	1523.8859	762.4469
911.5726	7	K	11	1394.8433	697.9256
998.6046	8	S	10	1232.6852	616.8465
1145.6730	9	F	9	1145.6532	573.3305
1232.7051	10	S	8	998.5847	499.7963
1360.7636	11	Q	7	911.5527	456.2803
1507.8320	12	F	6	783.4941	392.2510
1564.8535	13	G	5	636.4257	318.7168
1727.0116	14	K	4	579.4043	290.2060
1840.0957	15	L	3	417.2462	209.1270
1969.1383	16	E	2	304.1621	152.5850
	17	R	1	175.1195	88.0637

N-term: +35.07 K(7): +162.16
 K(14): +162.16

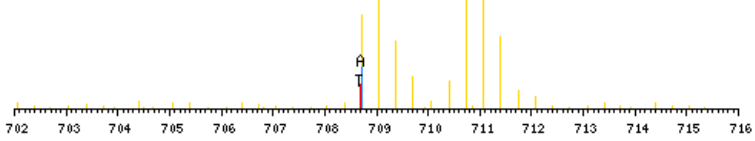
TEILETPATNEQEAEHQQR, MH+ 2124.0209, m/z 708.6785
L OS G26 P150811 220811-s1.03157.03157.3.dta

scan 3157; 1.1e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 3155; 708.7 m/z; 6.3e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 18		
259.1294	2	E 17	1994.9419	997.9749
372.2134	3	I 16	1865.8993	933.4536
485.2975	4	L 15	1752.8153	876.9116
614.3401	5	E 14	1639.7312	820.3695
715.3878	6	T 13	1510.6886	755.8482
812.4405	7	P 12	1409.6409	705.3244
883.4776	8	A 11	1312.5882	656.7980
984.5253	9	T 10	1241.5511	621.2794
1098.5683	10	N 9	1140.5034	570.7556
1227.6108	11	E 8	1026.4605	513.7341
1355.6694	12	Q 7	897.4179	449.2128
1484.7120	13	E 6	769.3593	385.1836
1555.7491	14	A 5	640.3167	320.6623
1684.7917	15	E 4	569.2796	285.1437
1821.8506	16	H 3	440.2370	220.6224
1949.9092	17	Q 2	303.1781	152.0930
	18	R 1	175.1195	88.0637

N-term:+29.04

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

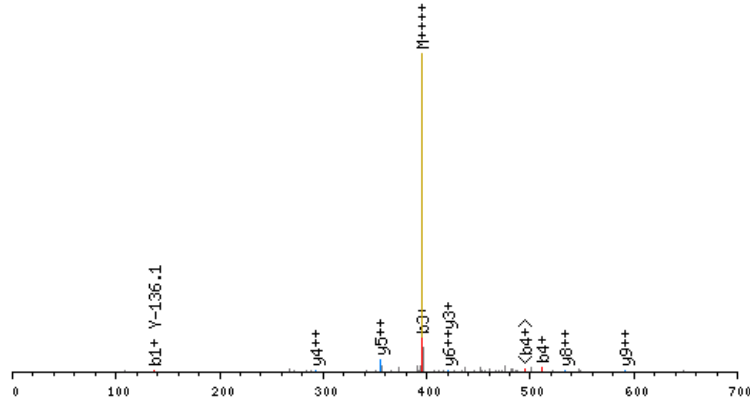
hide H₂O/NH₃

zoom 112-122

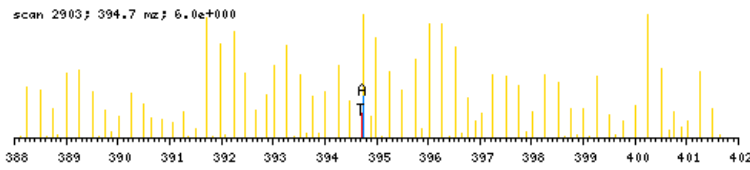
GO

TEMDSHEEKVFR, MH+ 1575.8113, m/z 394.7083
 H OS G28 P150811 220811-s1.02906.02906.4.dta

scan 2906; 1.2e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 12		
265.1612	2	E 11	1440.7006	720.8542
396.2017	3	M 10	1311.6580	656.3329
511.2286	4	D 9	1180.6175	590.8127
598.2606	5	S 8	1065.5906	533.2992
735.3195	6	H 7	978.5585	489.7832
864.3621	7	E 6	841.4996	421.2537
993.4047	8	E 5	712.4570	356.7324
1155.5628	9	K 4	583.4144	292.2111
1254.6312	10	V 3	421.2563	211.1321
1401.6997	11	F 2	322.1879	161.5979
	12	R 1	175.1195	88.0637

N-term:+35.07 K(9):+162.16

TEMVEVGPEDDEVGAER, MH+ 1889.8438, m/z 630.6195
 L OS G24 P150811 220811-s1.03405.03405.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

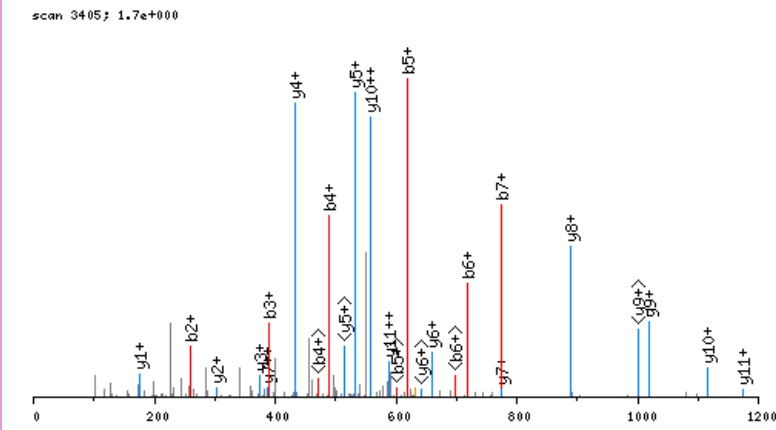
y + 2+ 3+

z + 2+ 3+

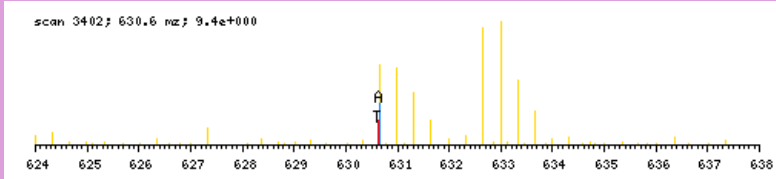
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T	17	
259.1294	2	E	16	1760.7649 880.8864
390.1699	3	M	15	1631.7223 816.3651
489.2383	4	V	14	1500.6818 750.8448
618.2809	5	E	13	1401.6134 701.3106
717.3493	6	V	12	1272.5708 636.7893
774.3707	7	G	11	1173.5024 587.2551
871.4235	8	P	10	1116.4809 558.7444
1000.4661	9	E	9	1019.4282 510.2180
1115.4930	10	D	8	890.3856 445.6967
1230.5200	11	D	7	775.3586 388.1832
1359.5626	12	E	6	660.3317 330.6698
1458.6310	13	V	5	531.2891 266.1485
1515.6525	14	G	4	432.2207 216.6142
1586.6896	15	A	3	375.1992 188.1035
1715.7322	16	E	2	304.1621 152.5850
	17	R	1	175.1195 88.0637

N-term:+29.04

TEPVISFYDKR, MH+ 1422.8269, m/z 474.9472
 H OS G27 P150811 220811-s1.05223.05223.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

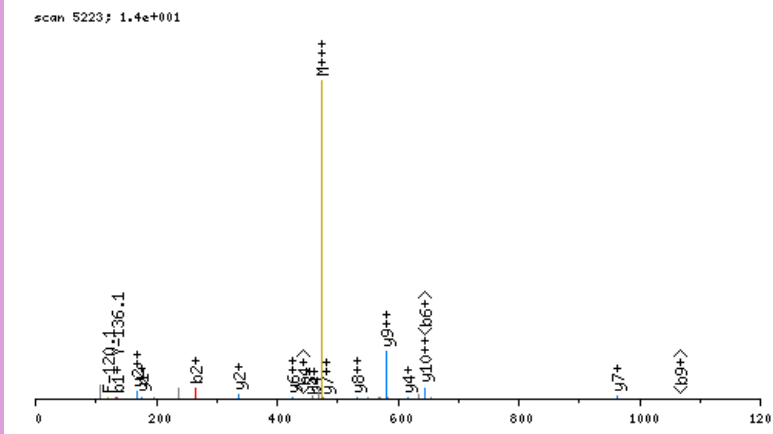
y + 2+ 3+

z + 2+ 3+

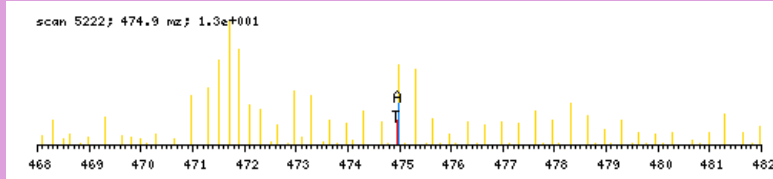
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 11		
265.1612	2	E 10	1287.7161	644.3620
362.2139	3	P 9	1158.6736	579.8407
461.2823	4	V 8	1061.6208	531.3143
574.3664	5	I 8	962.5524	481.7801
661.3984	6	S 6	849.4683	425.2381
808.4669	7	F 5	762.4363	381.7221
971.5302	8	Y 4	615.3679	308.1878
1086.5571	9	D 3	452.3045	226.6562
1248.7152	10	K 2	337.2776	169.1427
	11	R 1	175.1195	88.0637

N-term:+35.07 K(10):+162.16

TEQEDAAVAKSKLR, MH+ 1629.9176, m/z 408.2349
 L OS G28 P150811 220811-s1.02369.02369.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

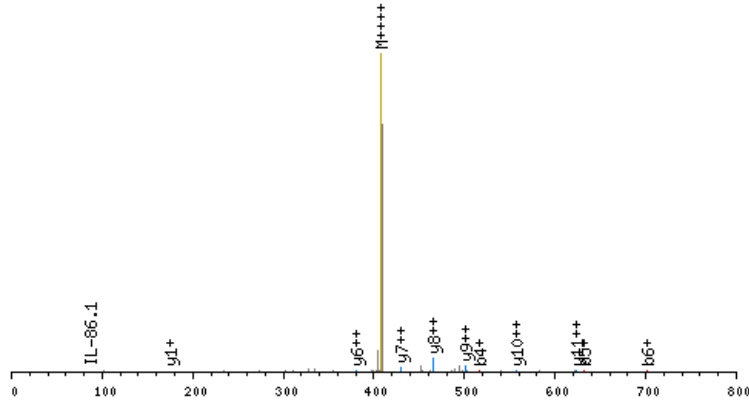
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

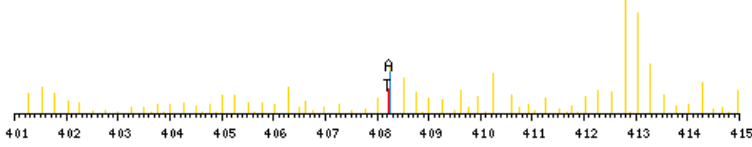
GO

scan 2369; 1.6e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2368; 408.2 m/z; 2.5e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 14		
259.1294	2	E 13	1500.8387	750.9232
387.1879	3	Q 12	1371.7961	686.4019
516.2305	4	E 11	1243.7375	622.3727
631.2575	5	D 10	1114.6949	557.8514
702.2946	6	A 9	999.6679	500.3379
773.3317	7	A 8	928.6308	464.8193
872.4001	8	V 7	857.5937	429.3008
943.4372	9	A 6	758.5253	379.7666
1099.5635	10	K 5	687.4882	344.2480
1186.5956	11	S 4	531.3619	266.1849
1342.7219	12	K 3	444.3299	222.6688
1455.8059	13	L 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+29.04 K(10):+156.13
 K(12):+156.13

TESQIVQKEAEQAER, MH+ 1801.9296, m/z 601.3147
 L OS G26 P150811 220811-s1.02682.02682.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

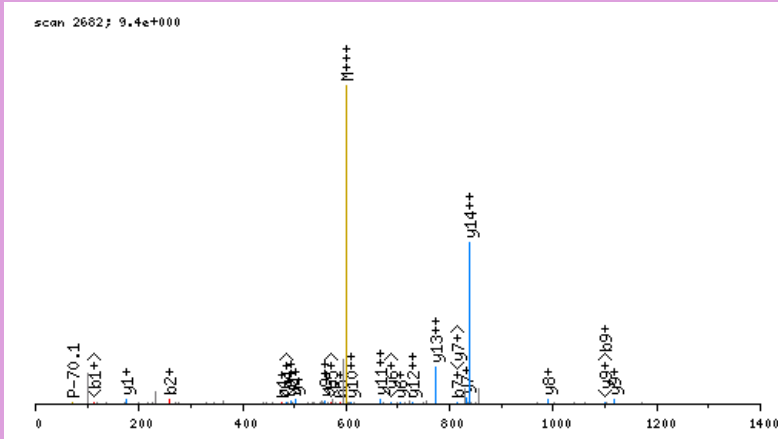
y + 2+ 3+

z + 2+ 3+

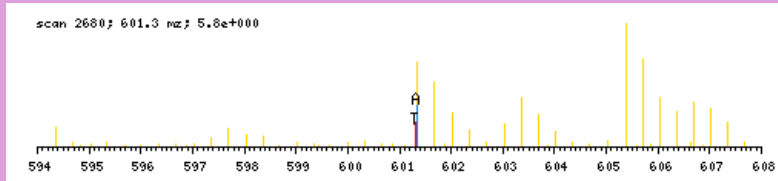
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	15		
259.1294	2	E	14	1672.8506	836.9292
346.1614	3	S	13	1543.8080	772.4079
474.2200	4	Q	12	1456.7760	728.8919
587.3040	5	I	11	1328.7174	664.8626
686.3725	6	V	10	1215.6334	608.3206
814.4310	7	Q	9	1116.5650	558.7864
970.5573	8	K	8	988.5064	494.7571
1099.5999	9	E	7	832.3801	416.6940
1170.6370	10	A	6	703.3375	352.1727
1299.6796	11	E	5	632.3004	316.6541
1427.7382	12	Q	4	503.2578	252.1328
1498.7753	13	A	3	375.1992	188.1035
1627.8179	14	E	2	304.1621	152.5850
	15	R	1	175.1195	88.0637

N-term:+29.04 K(8):+156.13

TEVLVTPAGVASKR, MH+ 1495.9484, m/z 499.3210
 H OS G26 P150811 220811-s1.03423.03423.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

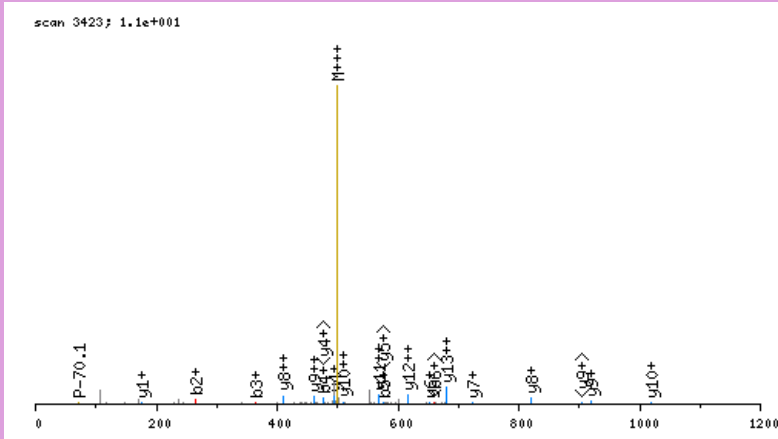
y + 2+ 3+

z + 2+ 3+

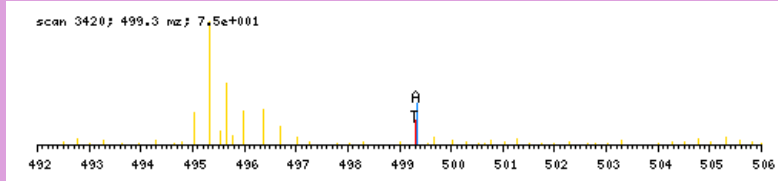
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 14		
265.1612	2	E 13	1360.8377	680.9227
364.2296	3	V 12	1231.7951	616.4014
477.3136	4	L 11	1132.7267	566.8672
576.3821	5	V 10	1019.6426	510.3252
677.4297	6	T 9	920.5742	460.7910
774.4825	7	P 8	819.5265	410.2672
845.5196	8	A 7	722.4737	361.7408
902.5411	9	G 6	651.4366	326.2222
1001.6095	10	V 5	594.4152	297.7115
1072.6466	11	A 4	495.3467	248.1773
1159.6786	12	S 3	424.3096	212.6587
1321.8367	13	K 2	337.2776	169.1427
	14	R 1	175.1195	88.0637

N-term:+35.07 K(13):+162.16

TEVVCAPPTAYIDFAR, MH+ 1843.9476, m/z 615.3207
 H OS G24 P150811 220811-s1.04579.04579.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

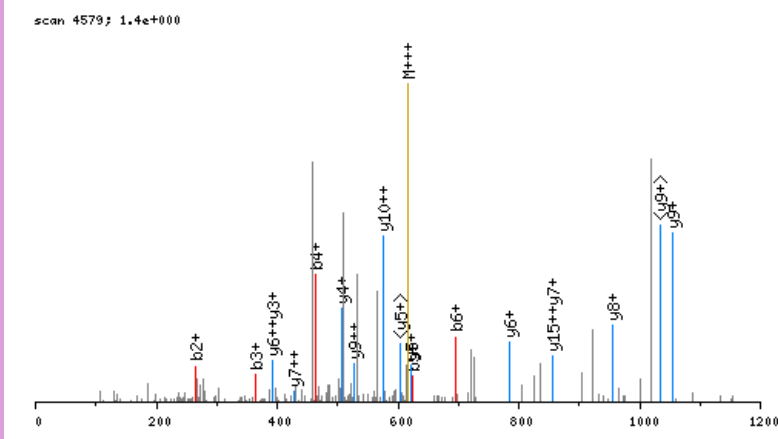
y + 2+ 3+

z + 2+ 3+

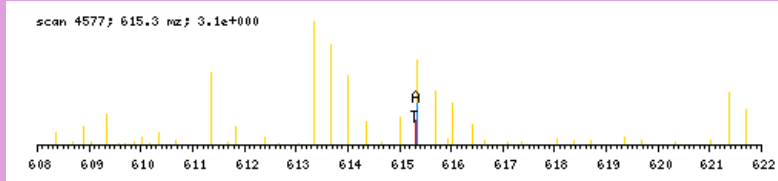
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



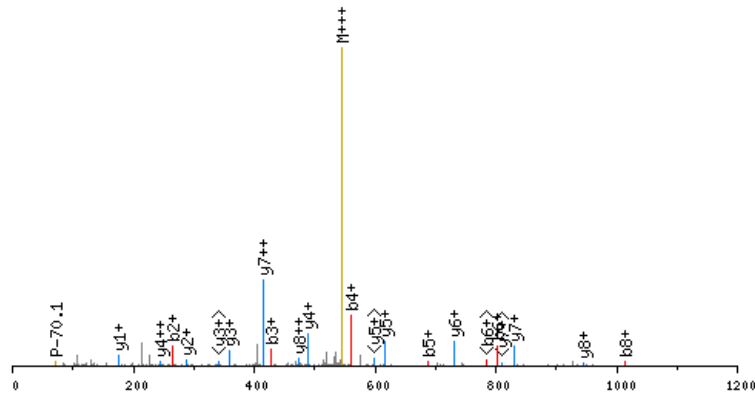
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T	16	
265.1612	2	E	15	1708.8368
364.2296	3	V	14	790.4010
463.2980	4	V	13	740.8668
623.3286	5	C	12	1381.6574
694.3657	6	A	11	1221.6268
791.4185	7	P	10	1150.5897
888.4712	8	P	9	1053.5369
989.5189	9	T	8	956.4842
1060.5560	10	A	7	855.4365
1223.6194	11	Y	6	784.3994
1336.7034	12	I	5	621.3360
1451.7304	13	D	4	508.2520
1598.7988	14	F	3	393.2250
1669.8359	15	A	2	246.1566
	16	R	1	175.1195

N-term:+35.07 C(5):+160.03

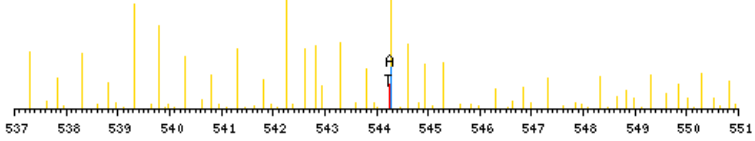
TEYMQDPDEEALR, MH+ 1630.7483, m/z 544.2543
 H OS G25 P150811 220811-s1.04674.04674.3.dta

scan 4674; 4.6e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4672; 544.3 m/z; 1.2e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 13		
265.1612	2	E 12	1495.6375	748.3227
428.2245	3	Y 11	1366.5949	683.8014
559.2650	4	M 10	1203.5316	602.2697
687.3236	5	Q 9	1072.4911	536.7495
802.3505	6	D 8	944.4325	472.7202
899.4033	7	P 7	829.4056	415.2067
1014.4302	8	D 6	732.3528	366.6803
1143.4728	9	E 5	617.3259	309.1668
1272.5154	10	E 4	488.2833	244.6455
1343.5525	11	A 3	359.2407	180.1243
1456.6366	12	L 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+35.07

TEYMQDPDEEALRR, MH+ 1786.8494, m/z 596.2880
 H OS G27 P150811 220811-s1.04073.04073.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

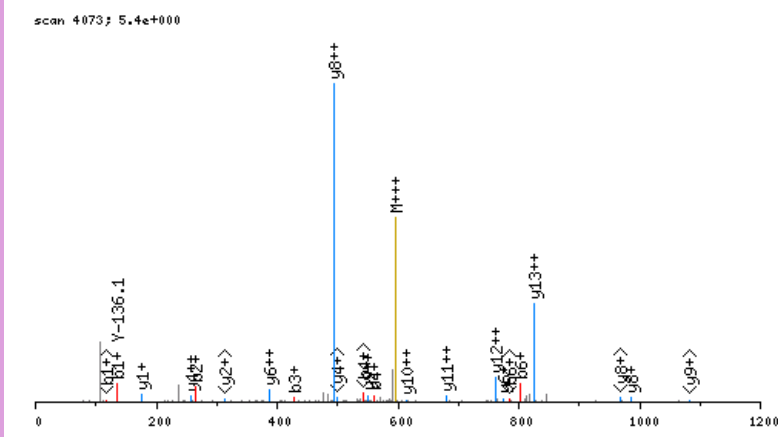
y + 2+ 3+

z + 2+ 3+

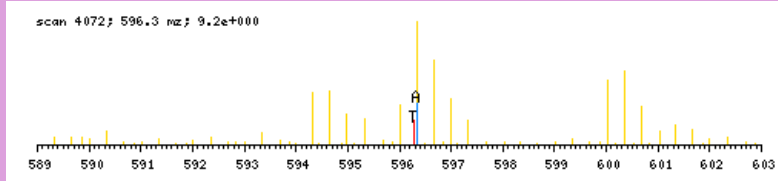
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 14		
265.1612	2	E 13	1651.7386	826.3732
428.2245	3	Y 12	1522.6960	761.8519
559.2650	4	M 11	1359.6327	680.3203
687.3236	5	Q 10	1228.5922	614.8000
802.3505	6	D 9	1100.5336	550.7707
899.4033	7	P 8	985.5067	493.2573
1014.4302	8	D 7	888.4539	444.7309
1143.4728	9	E 6	773.4270	387.2174
1272.5154	10	E 5	644.3844	322.6961
1343.5525	11	A 4	515.3418	258.1748
1456.6366	12	L 3	444.3047	222.6563
1612.7377	13	R 2	331.2206	166.1142
	14	R 1	175.1195	88.0637

N-term:+35.07

TFASLSELHCCKLHVDPENFR, MH+ 2571.2665, m/z 643.5721
 L OS G28 P150811 220811-s1.07741.07741.4.dta

X-range:

0 - 0

MassTol: Y-zoom:

0. 1.

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

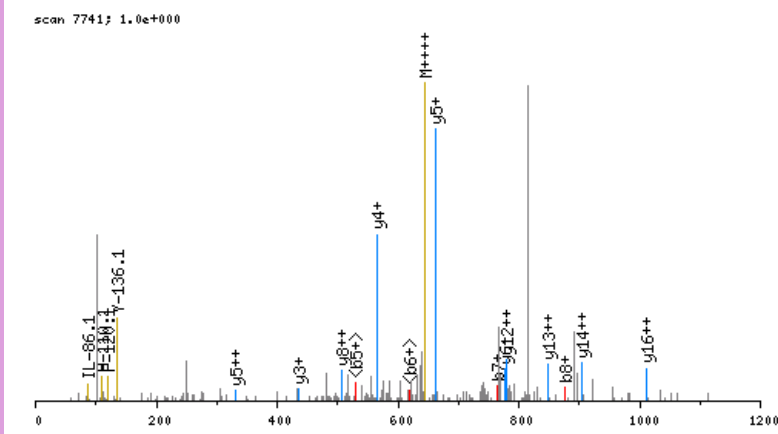
y + 2+ 3+

z + 2+ 3+

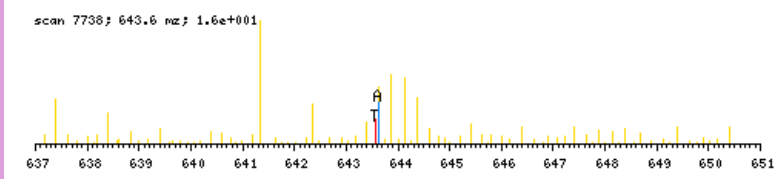
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 21		
277.1552	2	F 20	2442.1876	1221.5977
348.1923	3	A 19	2295.1192	1148.0635
435.2243	4	S 18	2224.0821	1112.5449
548.3084	5	L 17	2137.0500	1069.0289
635.3404	6	S 16	2023.9660	1012.4869
764.3830	7	E 15	1936.9339	968.9709
877.4671	8	L 14	1807.8914	904.4496
1014.5260	9	H 13	1694.8073	847.9076
1174.5566	10	C 12	1557.7484	779.3781
1289.5835	11	D 11	1397.7178	699.3628
1445.7098	12	K 10	1282.6908	641.8493
1558.7939	13	L 9	1126.5645	563.7862
1695.8528	14	H 8	1013.4805	507.2441
1794.9212	15	V 7	876.4216	438.7147
1909.9482	16	D 6	777.3531	389.1805
2007.0009	17	P 5	662.3262	331.6670
2136.0435	18	E 4	565.2734	283.1406
2250.0865	19	N 3	436.2308	218.6193
2397.1549	20	F 2	322.1879	161.5979
	21	R 1	175.1195	88.0637

N-term: +29.04 C(10): +160.03
 K(12): +156.13

TFDQGAHHAFGQGGR, MH+ 1613.7573, m/z 404.1948
 L OS G28 P150811 220811-s1.02502.02502.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

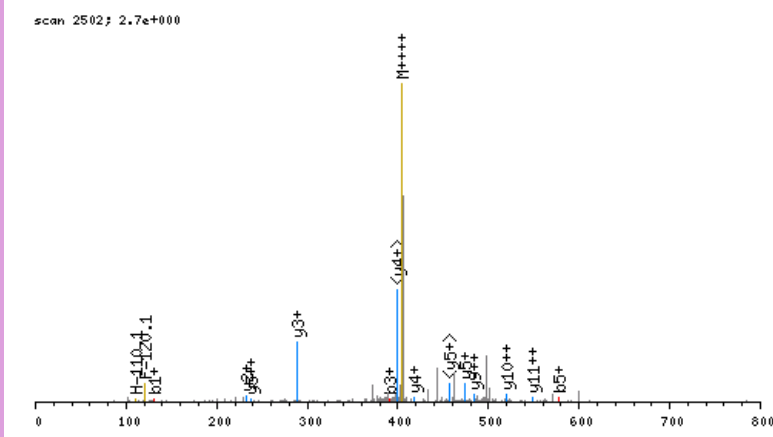
y + 2+ 3+

z + 2+ 3+

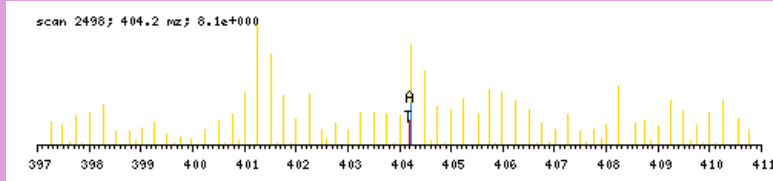
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



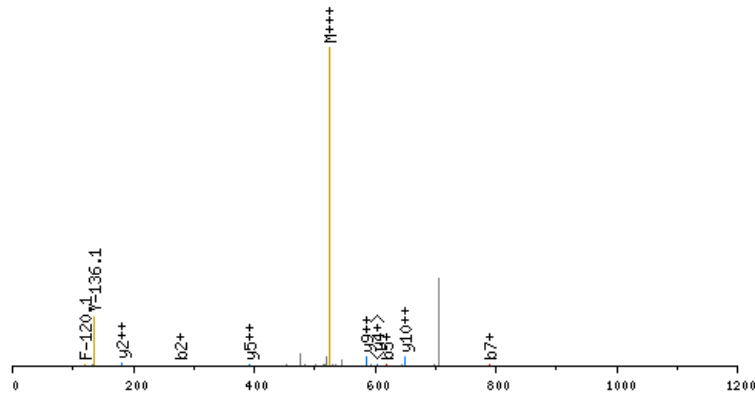
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	15		
277.1552	2	F	14	1484.6783	742.8431
392.1821	3	D	13	1337.6099	669.3089
520.2407	4	Q	12	1222.5830	611.7954
577.2622	5	G	11	1094.5244	547.7661
648.2993	6	A	10	1037.5029	519.2554
785.3582	7	H	9	966.4658	483.7368
922.4171	8	H	8	829.4069	415.2074
993.4542	9	A	7	692.3480	346.6779
1140.5226	10	F	6	621.3109	311.1594
1197.5441	11	G	5	474.2425	237.6251
1325.6027	12	Q	4	417.2210	209.1144
1382.6241	13	G	3	289.1624	145.0851
1439.6456	14	G	2	232.1410	116.5744
	15	R	1	175.1195	88.0637

N-term:+29.04

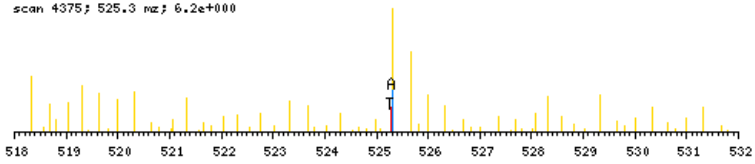
TFEDVAVYFIWR, MH+ 1573.8055, m/z 525.2733
 L OS G26 P150811 220811-s1.04378.04378.3.dta

scan 4378; 1.6e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4375; 525.3 m/z; 6.2e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

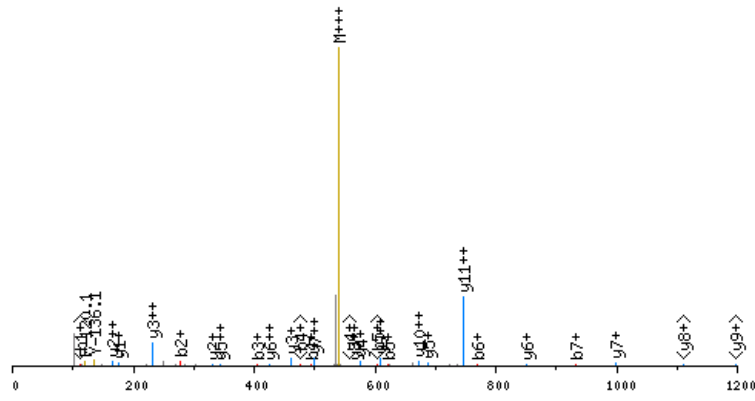
GO

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 12		
277.1552	2	F 11	1444.7265	722.8672
406.1978	3	E 10	1297.6581	649.3330
521.2247	4	D 9	1168.6155	584.8117
620.2931	5	V 8	1053.5886	527.2982
691.3303	6	A 7	954.5201	477.7640
790.3987	7	V 6	883.4830	442.2454
953.4620	8	Y 5	784.4146	392.7112
1100.5304	9	F 4	621.3513	311.1796
1213.6145	10	I 3	474.2829	237.6454
1399.6938	11	W 2	361.1988	181.1033
	12	R 1	175.1195	88.0637

N-term:+29.04

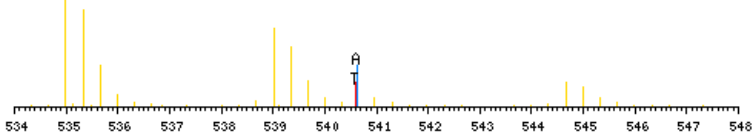
TFESEFYLDDEKR, MH+ 1619.7957, m/z 540.6034
 L OS G27 P150811 220811-s1.05544.05544.3.dta

scan 5544; 1.3e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5542; 540.6 m/z; 1.7e+002



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T	12	
277.1552	2	F	11	1490.7168 745.8623
406.1978	3	E	10	1343.6484 672.3281
493.2298	4	S	9	1214.6058 607.8068
622.2724	5	E	8	1127.5737 564.2908
769.3408	6	F	7	998.5311 499.7695
932.4041	7	Y	6	851.4627 426.2353
1045.4882	8	L	5	688.3994 344.7036
1160.5152	9	D	4	575.3153 288.1616
1289.5577	10	E	3	460.2884 230.6481
1445.6840	11	K	2	331.2458 166.1268
	12	R	1	175.1195 88.0637

N-term:+29.04 K(11):+156.13

TFGKFDVEPDYCR, MH+ 1790.8423, m/z 597.6190
 L OS G27 P150811 220811-s1.05673.05673.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

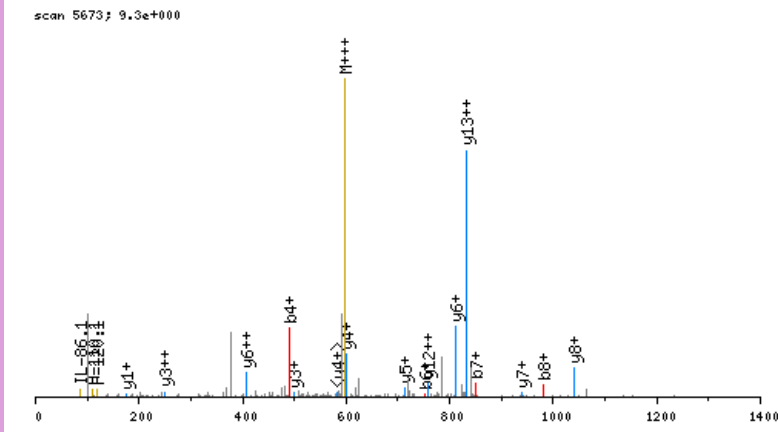
y + 2+ 3+

z + 2+ 3+

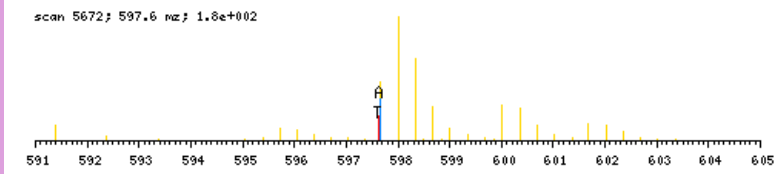
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

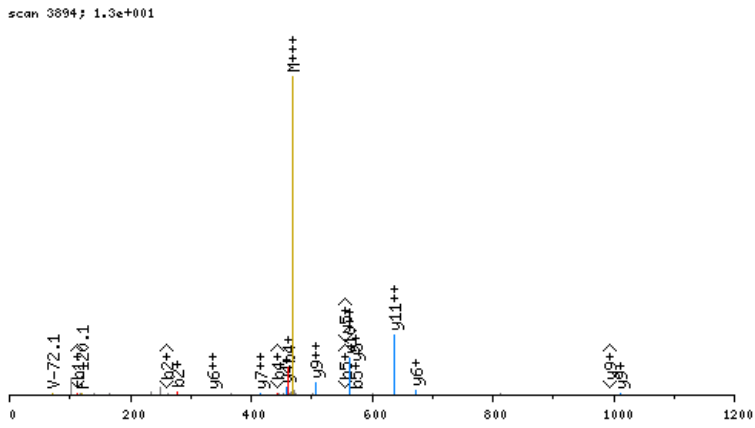


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

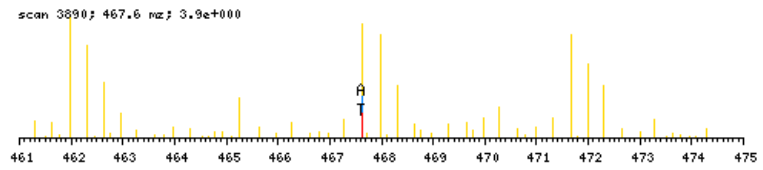
b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 14		
277.1552	2	F 13	1661.7634	831.3856
334.1767	3	G 12	1514.6949	757.8514
490.3030	4	K 11	1457.6735	729.3407
637.3714	5	F 10	1301.5472	651.2775
752.3983	6	D 9	1154.4788	577.7433
851.4667	7	V 8	1039.4518	520.2298
980.5093	8	E 7	940.3834	470.6956
1077.5621	9	P 6	811.3408	406.1743
1192.5890	10	D 5	714.2881	357.6479
1293.6367	11	T 4	599.2611	300.1345
1456.7000	12	Y 3	498.2134	249.6106
1616.7306	13	C 2	335.1501	168.0790
	14	R 1	175.1195	88.0637

N-term:+29.04 K(4):+156.13
 C(13):+160.03

TFIAIKPDGVQR, MH+ 1400.8266, m/z 467.6137
 L OS G26 P150811 220811-s1.03894.03894.3.dta



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

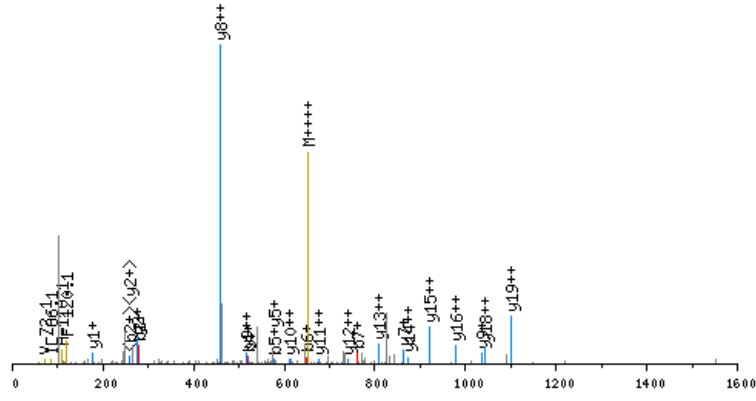
- X-range: -
- MassTol: Y-zoom:
- MassType: AVG MONO
- Axis: 1 2
- Label: I M -
- Ions:
- a + 2+ 3+
- b + 2+ 3+
- c + 2+ 3+
- x + 2+ 3+
- y + 2+ 3+
- z + 2+ 3+
- hide H₂O/NH₃
- zoom 112-122
- GO

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T	12	
277.1552	2	F	11	1271.7476 636.3777
390.2393	3	I	10	1124.6792 562.8435
461.2764	4	A	9	1011.5951 506.3015
574.3604	5	I	8	940.5580 470.7829
730.4867	6	K	7	827.4740 414.2409
827.5395	7	P	6	671.3477 336.1777
942.5664	8	D	5	574.2949 287.6514
999.5879	9	G	4	459.2680 230.1379
1098.6563	10	V	3	402.2465 201.6272
1226.7149	11	Q	2	303.1781 152.0930
	12	R	1	175.1195 88.0637

N-term:+29.04 K(6):+156.13

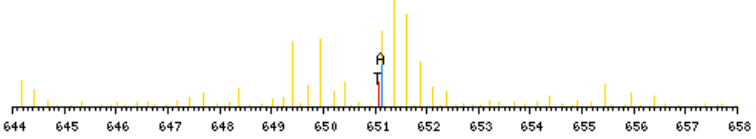
TFQDGLVQHQQWDGKESTIIR, MH+ 2601.3062, m/z 651.0820
 L OS G28 P150811 220811-s1.05650.05650.4.dta

scan 5650; 3.2e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 5648; 651.1 m/z; 1.4e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	22		
277.1552	2	F	21	2472.2272	1236.6175
405.2138	3	Q	20	2325.1588	1163.0833
520.2407	4	D	19	2197.1002	1099.0540
577.2622	5	G	18	2082.0733	1041.5405
648.2993	6	A	17	2025.0518	1013.0298
761.3834	7	L	16	1954.0147	977.5113
860.4518	8	V	15	1840.9306	920.9692
988.5103	9	Q	14	1741.8622	871.4350
1125.5693	10	H	13	1613.8036	807.4057
1253.6278	11	Q	12	1476.7447	738.8763
1381.6864	12	Q	11	1348.6861	674.8470
1567.7657	13	W	10	1220.6276	610.8177
1682.7927	14	D	9	1034.5483	517.7780
1739.8141	15	G	8	919.5213	460.2646
1895.9404	16	K	7	862.4998	431.7538
2024.9830	17	E	6	706.3735	353.6907
2112.0151	18	S	5	577.3310	289.1694
2213.0627	19	T	4	490.2989	245.6534
2326.1468	20	I	3	389.2512	195.1295
2427.1945	21	T	2	276.1672	138.5875
	22	R	1	175.1195	88.0637

N-term:+29.04 K(16):+156.13

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

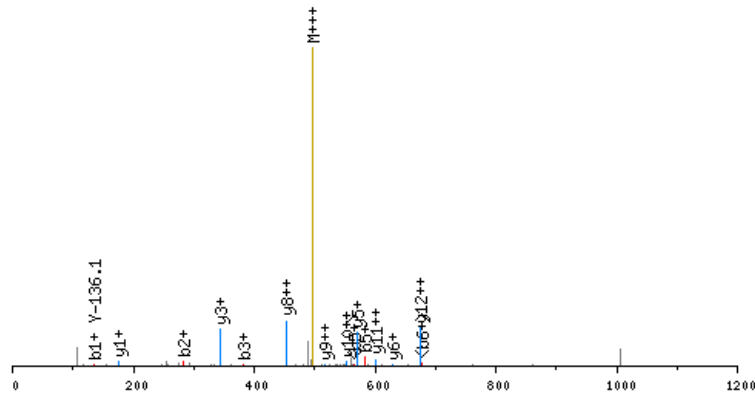
hide H₂O/NH₃

zoom 112-122

GO

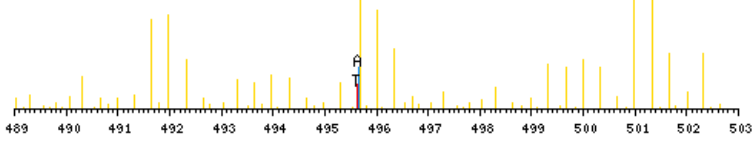
TFVAELKGLDPPAR, MH+ 1484.9113, m/z 495.6420
 H OS G26 P150811 220811-s1.05113.05113.3.dta

scan 5113; 1.1e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5110; 495.6 m/z; 5.7e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T	13	
283.1870	2	F	12	1349.8005
382.2554	3	V	11	1202.7321
453.2925	4	A	10	1103.6637
582.3351	5	E	9	1032.6266
695.4192	6	L	8	903.5840
857.5773	7	K	7	790.4999
914.5987	8	G	6	628.3418
1027.6828	9	L	5	571.3204
1142.7097	10	D	4	458.2363
1239.7625	11	P	3	343.2094
1310.7996	12	A	2	246.1566
	13	R	1	175.1195

N-term:+35.07 K(7):+162.16

TGAIVDVPVGEELLGR, MH+ 1652.9223, m/z 551.6456
 L OS G24 P150811 220811-s1.04769.04769.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

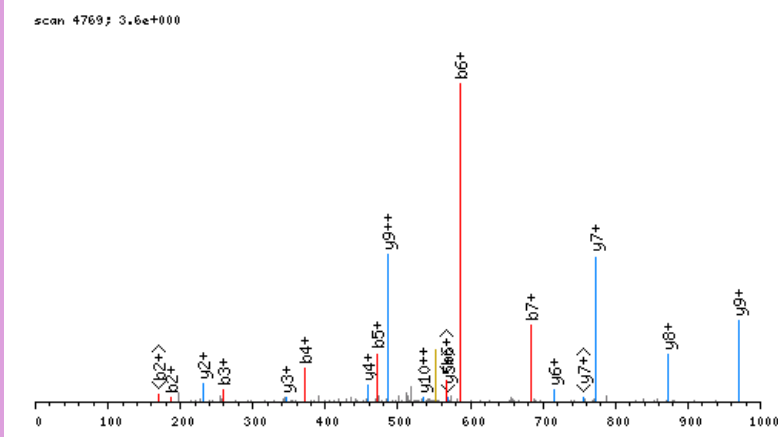
y + 2+ 3+

z + 2+ 3+

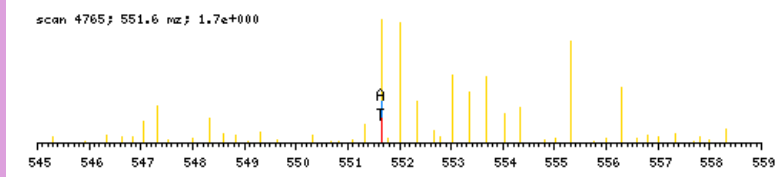
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 16		
187.1082	2	G 15	1523.8433	762.4256
258.1454	3	A 14	1466.8219	733.9148
371.2294	4	I 13	1395.7848	698.3963
470.2978	5	V 12	1282.7007	641.8543
585.3248	6	D 11	1183.6323	592.3201
684.3932	7	V 10	1068.6053	534.8066
781.4460	8	P 9	969.5369	485.2724
880.5144	9	V 8	872.4842	436.7460
937.5358	10	G 7	773.4157	387.2118
1066.5784	11	E 6	716.3943	358.7011
1195.6210	12	E 5	587.3517	294.1798
1308.7051	13	L 4	458.3091	229.6585
1421.7891	14	L 3	345.2250	173.1164
1478.8106	15	G 2	232.1410	116.5744
	16	R 1	175.1195	88.0637

N-term:+29.04

TGAPQGSGLGEYLFFER, MH+ 1658.8602, m/z 553.6249
 H OS G25 P150811 220811-s1.07365.07365.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

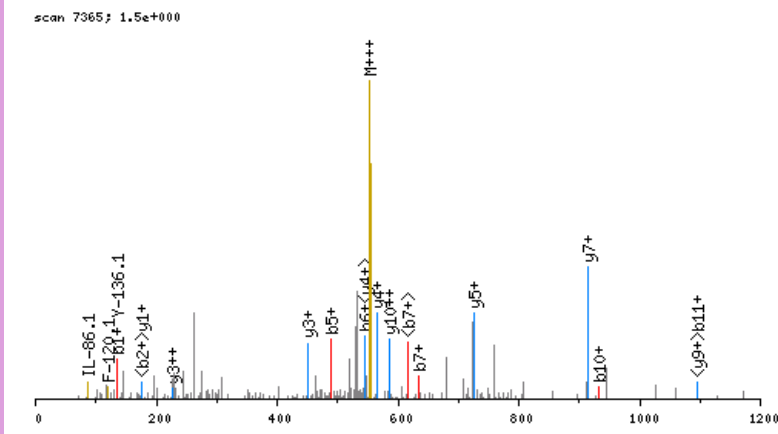
y + 2+ 3+

z + 2+ 3+

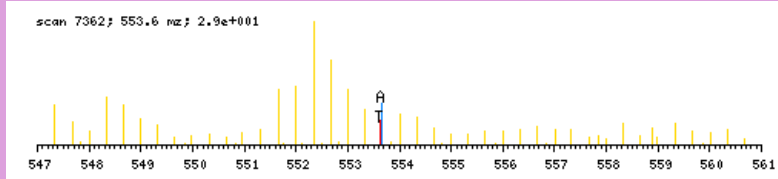
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T	15	
193.1400	2	G	14	1523.7494 762.3786
264.1772	3	A	13	1466.7280 733.8679
361.2299	4	P	12	1395.6909 698.3493
489.2885	5	Q	11	1298.6381 649.8230
546.3100	6	G	10	1170.5795 585.7937
633.3420	7	S	9	1113.5580 557.2829
746.4261	8	L	8	1026.5260 513.7669
803.4475	9	G	7	913.4420 457.2249
932.4901	10	E	6	856.4205 428.7142
1095.5534	11	Y	5	727.3779 364.1929
1208.6375	12	L	4	564.3146 282.6612
1355.7059	13	F	3	451.2305 226.1192
1484.7485	14	E	2	304.1621 152.5850
	15	R	1	175.1195 88.0637

N-term:+35.07

TGDAALDHDQALAAQAIR, MH+ 1793.9146, m/z 598.6430
 L OS G26 P150811 220811-s1.04042.04042.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

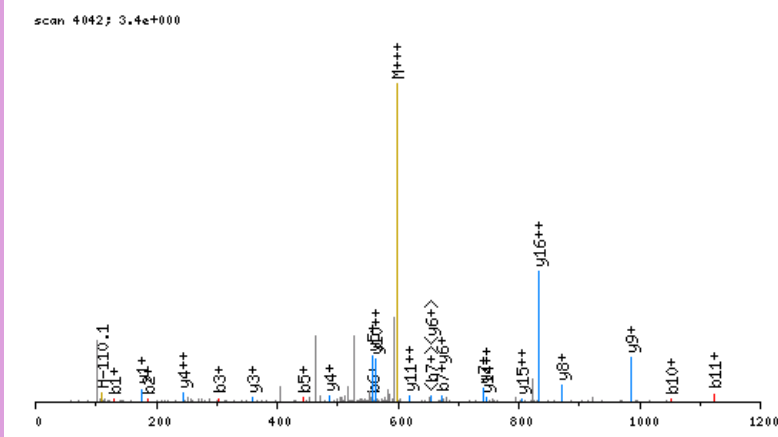
y + 2+ 3+

z + 2+ 3+

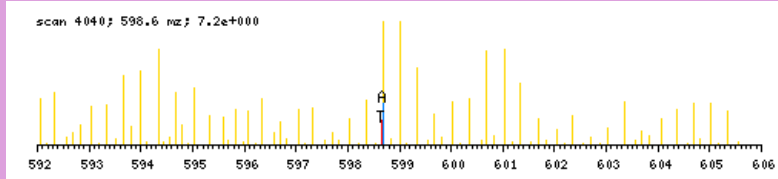
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T	17	
187.1082	2	G	16	1664.8356
302.1352	3	D	15	1607.8142
373.1723	4	A	14	1492.7872
444.2094	5	A	13	1421.7501
557.2935	6	L	12	1350.7130
672.3204	7	D	11	1237.6289
809.3793	8	H	10	1122.6020
924.4063	9	D	9	985.5431
1052.4649	10	Q	8	870.5161
1123.5020	11	A	7	742.4575
1236.5860	12	L	6	671.4204
1307.6231	13	A	5	558.3364
1435.6817	14	Q	4	487.2993
1506.7188	15	A	3	359.2407
1619.8029	16	I	2	288.2036
	17	R	1	175.1195

N-term:+29.04

TGECKITLSQVGDVLR, MH+ 1831.9951, m/z 611.3366
 L OS G26 P150811 220811-s1.05268.05268.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

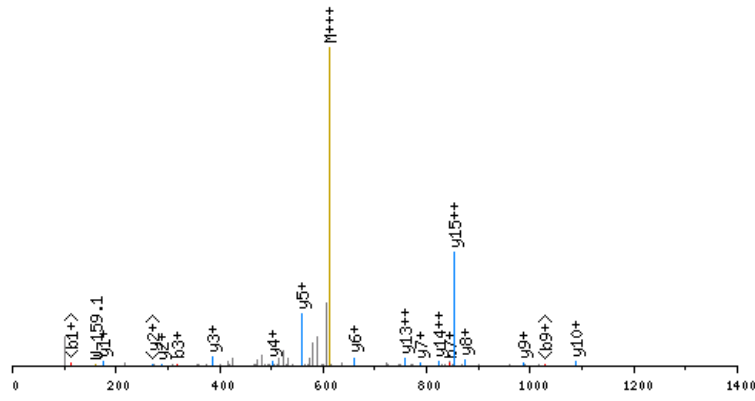
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

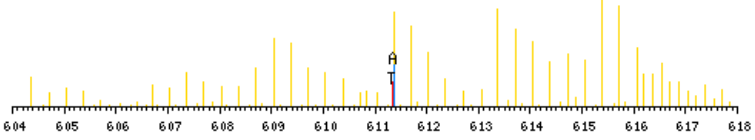
GO

scan 5268; 8.6e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5265; 611.3 m/z; 1.5e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	16		
187.1082	2	G	15	1702.9162	851.9620
316.1508	3	E	14	1645.8947	823.4513
476.1814	4	C	13	1516.8521	758.9300
632.3077	5	K	12	1356.8215	678.9147
745.3918	6	I	11	1200.6952	600.8515
846.4395	7	T	10	1087.6111	544.3095
959.5235	8	L	9	986.5635	493.7856
1046.5556	9	S	8	873.4794	437.2436
1174.6141	10	Q	7	786.4474	393.7276
1273.6826	11	V	6	658.3888	329.6983
1330.7040	12	G	5	559.3204	280.1641
1445.7310	13	D	4	502.2989	251.6534
1544.7994	14	V	3	387.2720	194.1399
1657.8834	15	L	2	288.2036	144.6057
	16	R	1	175.1195	88.0637

N-term:+29.04 C(4):+160.03
 K(5):+156.13

TGESKEQVANSAFVER, MH+ 1807.9190, m/z 603.3112
 L OS G26 P150811 220811-s1.02759.02759.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

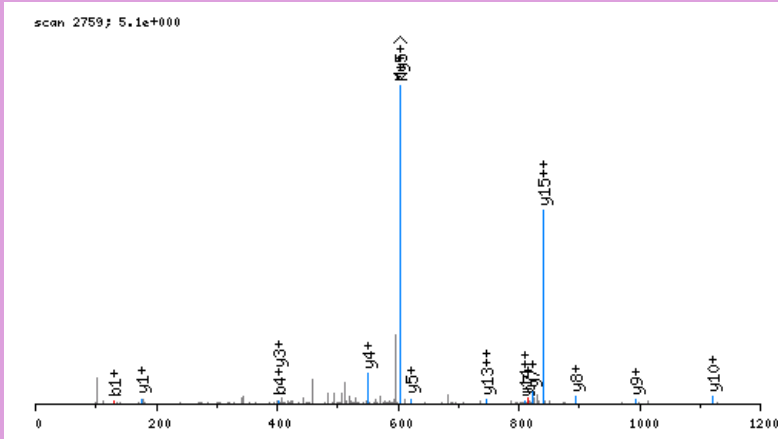
y + 2+ 3+

z + 2+ 3+

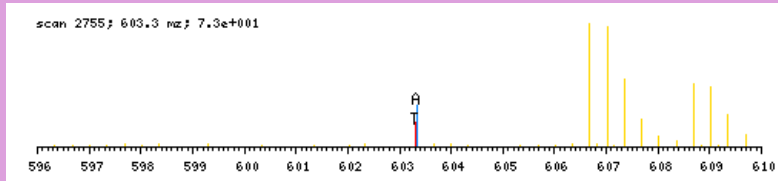
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	16		
187.1082	2	G	15	1678.8401	839.9240
316.1508	3	E	14	1621.8186	811.4132
403.1829	4	S	13	1492.7760	746.8919
559.3092	5	K	12	1405.7440	703.3759
688.3518	6	E	11	1249.6177	625.3128
816.4103	7	Q	10	1120.5751	560.7915
915.4787	8	V	9	992.5165	496.7622
986.5159	9	A	8	893.4481	447.2280
1100.5588	10	N	7	822.4110	411.7094
1187.5908	11	S	6	708.3681	354.6879
1258.6279	12	A	5	621.3360	311.1719
1405.6963	13	F	4	550.2989	275.6534
1504.7648	14	V	3	403.2305	202.1192
1633.8074	15	E	2	304.1621	152.5850
	16	R	1	175.1195	88.0637

N-term:+29.04 K(5):+156.13

TGGDAAAPGAAGTQAE LPHR, MH+ 1875.9313, m/z 625.9819
 L OS G26 P150811 220811-s1.02627.02627.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

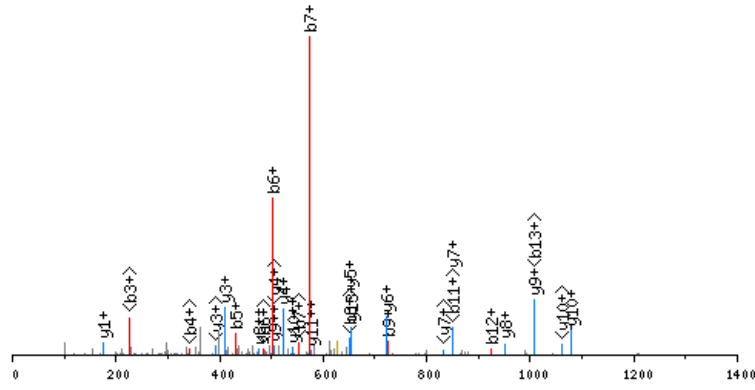
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

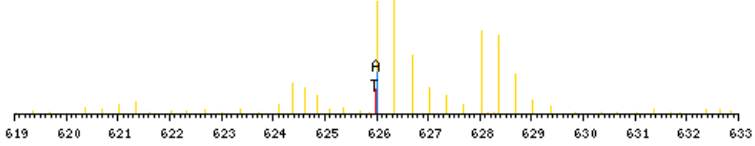
GO

scan 2627; 3.9e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2625; 626.0 m/z; 7.0e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 20		
187.1082	2	G 19	1746.8523	873.9301
244.1297	3	G 18	1689.8309	845.4193
359.1566	4	D 17	1632.8094	816.9086
430.1938	5	A 16	1517.7825	759.3951
501.2309	6	A 15	1446.7454	723.8766
572.2680	7	A 14	1375.7082	688.3580
669.3208	8	P 13	1304.6711	652.8395
726.3422	9	G 12	1207.6184	604.3131
797.3793	10	A 11	1150.5969	575.8024
868.4164	11	A 10	1079.5598	540.2838
925.4379	12	G 9	1008.5227	504.7652
1026.4856	13	T 8	951.5012	476.2545
1154.5442	14	Q 7	850.4535	425.7307
1225.5813	15	A 6	722.3949	361.7014
1354.6239	16	E 5	651.3578	326.1828
1467.7079	17	L 4	522.3152	261.6615
1564.7607	18	P 3	409.2312	205.1195
1701.8196	19	H 2	312.1784	156.5931
	20	R 1	175.1195	88.0637

N-term:+29.04

TGGVDTAAVGAVFDISNADR, MH+ 1963.9725, m/z 655.3290
 L OS G24 P150811 220811-s1.04718.04718.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

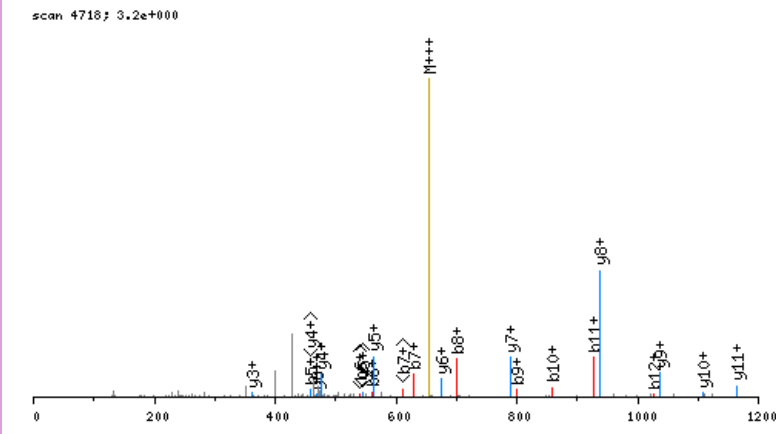
y + 2+ 3+

z + 2+ 3+

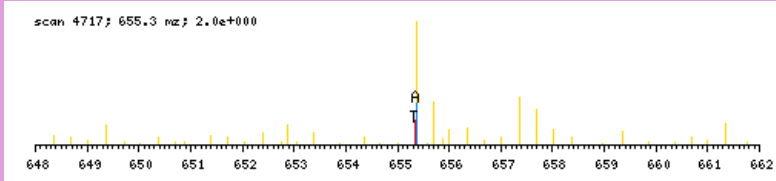
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 20		
187.1082	2	G 19	1834.8935	917.9507
244.1297	3	G 18	1777.8721	889.4399
343.1981	4	V 17	1720.8506	860.9292
458.2251	5	D 16	1621.7822	811.3950
559.2727	6	T 15	1506.7552	753.8815
630.3099	7	A 14	1405.7076	703.3577
701.3470	8	A 13	1334.6705	667.8391
800.4154	9	V 12	1263.6333	632.3206
857.4368	10	G 11	1164.5649	582.7864
928.4740	11	A 10	1107.5435	554.2756
1027.5424	12	V 9	1036.5063	518.7571
1174.6108	13	F 8	937.4379	469.2229
1289.6377	14	D 7	790.3695	395.6887
1402.7218	15	I 6	675.3426	338.1752
1489.7538	16	S 5	562.2585	281.6332
1603.7968	17	N 4	475.2265	238.1172
1674.8339	18	A 3	361.1836	181.0957
1789.8608	19	D 2	290.1464	145.5771
	20	R 1	175.1195	88.0637

N-term:+29.04

TGIGFGGLTQQVEKK, MH+ 1646.9482, m/z 549.6542
 L OS G26 P150811 220811-s1.04787.04787.3.dta

scan 4787; 9.1e+000

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

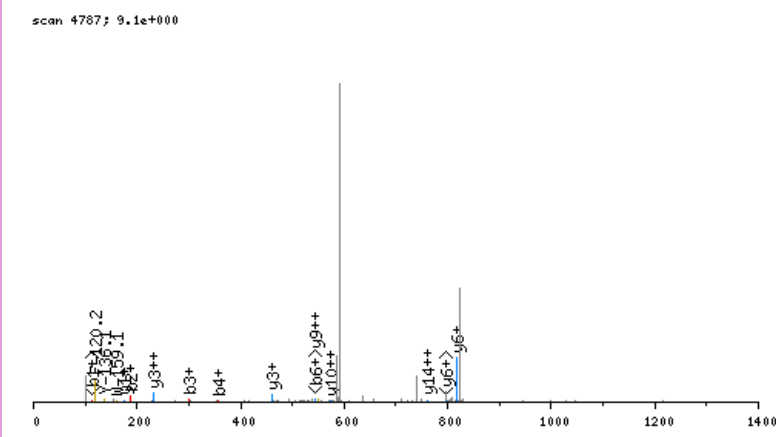
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

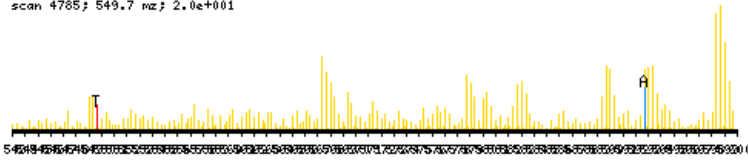
zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]

scan 4785; 549.7 mz; 2.0e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	15		
187.1082	2	G	14	1517.8692	759.4385
300.1923	3	I	13	1460.8478	730.9278
357.2138	4	G	12	1347.7637	674.3858
504.2822	5	F	11	1290.7422	645.8750
561.3036	6	G	10	1143.6738	572.3408
618.3251	7	G	9	1086.6524	543.8301
731.4092	8	L	8	1029.6309	515.3194
832.4569	9	T	7	916.5468	458.7773
960.5154	10	Q	6	815.4992	408.2535
1088.5740	11	Q	5	687.4406	344.2242
1187.6424	12	V	4	559.3820	280.1949
1316.6850	13	E	3	460.3136	230.6607
1472.8113	14	K	2	331.2710	166.1394
	15	K	1	175.1447	88.0763

N-term:+29.04 K(14):+156.13
 K(15):+156.13

TGIKAVDSLVIPIGR, MH+ 1481.9056, m/z 494.6400
 L OS G26 P150811 220811-s1.05167.05167.3.dta

scan 5167; 9.9e+000

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

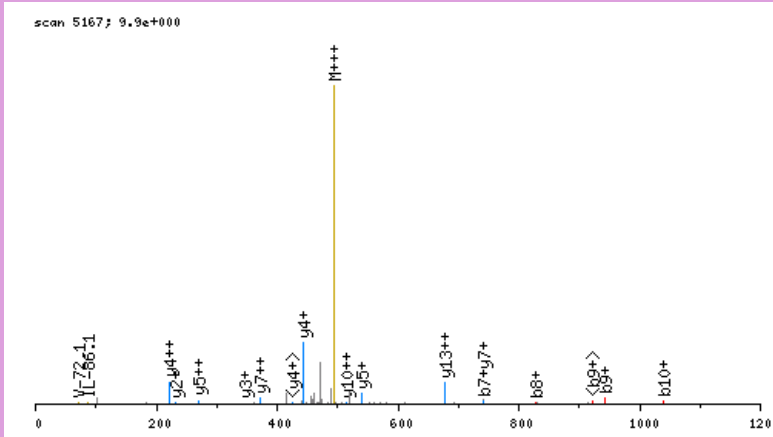
y + 2+ 3+

z + 2+ 3+

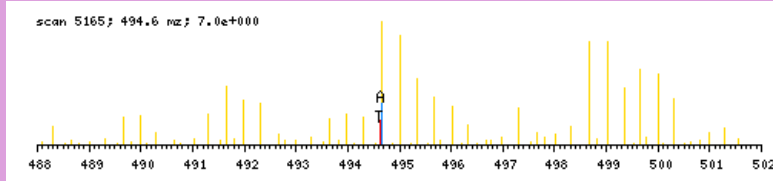
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 14		
187.1082	2	G 13	1352.8266	676.9172
300.1923	3	I 12	1295.8051	648.4065
456.3186	4	K 11	1182.7211	591.8644
527.3557	5	A 10	1026.5948	513.8013
626.4241	6	V 9	955.5577	478.2827
741.4511	7	D 8	856.4892	428.7485
828.4831	8	S 7	741.4623	371.2351
941.5672	9	L 6	654.4303	327.7190
1040.6356	10	V 5	541.3462	271.1770
1137.6883	11	P 4	442.2778	221.6428
1250.7724	12	I 3	345.2250	173.1164
1307.7939	13	G 2	232.1410	116.5744
	14	R 1	175.1195	88.0637

N-term:+29.04 K(4):+156.13

TGIYEALRLR, MH+ 1192.6577, m/z 596.8325
 L OS G25 P150811 220811-s1.07175.07175.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

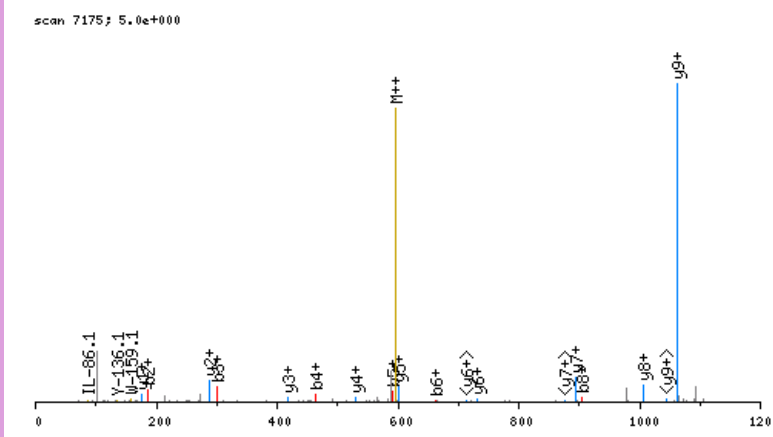
y + 2+ 3+

z + 2+ 3+

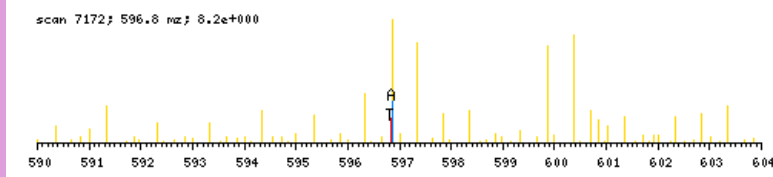
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T	10	
187.1082	2	G	9	1063.5788 532.2933
300.1923	3	I	8	1006.5573 503.7826
463.2556	4	Y	7	893.4733 447.2405
592.2982	5	E	6	730.4099 365.7089
663.3353	6	A	5	601.3673 301.1876
776.4194	7	L	4	530.3302 265.6690
905.4620	8	E	3	417.2462 209.1270
1018.5461	9	L	2	288.2036 144.6057
	10	R	1	175.1195 88.0637

N-term:+29.04

TGKTATPQQAEVHEKLR, MH+ 2106.1672, m/z 527.2973
 L OS G28 P150811 220811-s1.02287.02287.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

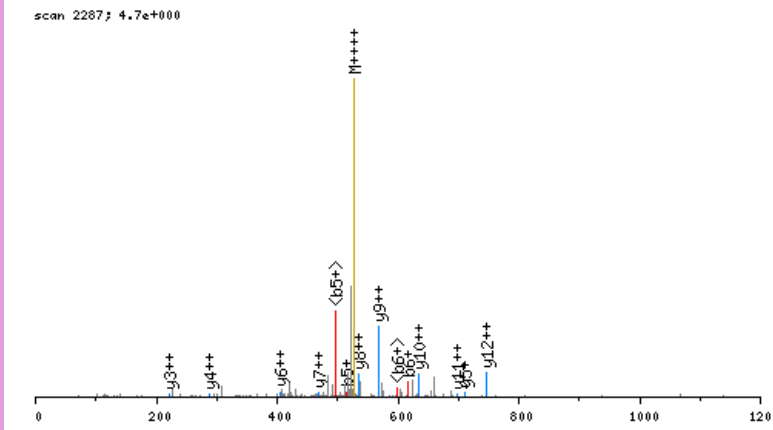
y + 2+ 3+

z + 2+ 3+

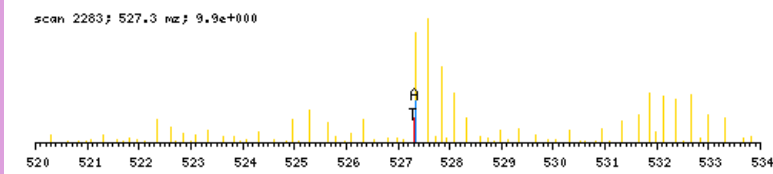
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



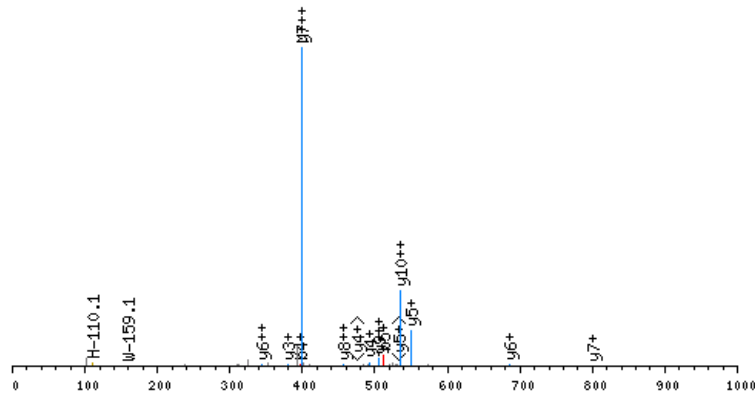
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	18		
187.1082	2	G	17	1977.0882	989.0480
343.2345	3	K	16	1920.0668	960.5373
444.2822	4	T	15	1763.9405	882.4741
515.3193	5	A	14	1662.8928	831.9503
616.3670	6	T	13	1591.8557	796.4317
713.4198	7	P	12	1490.8080	745.9079
841.4784	8	Q	11	1393.7552	697.3815
969.5369	9	Q	10	1265.6966	633.3522
1040.5740	10	A	9	1137.6381	569.3229
1168.6326	11	Q	8	1066.6010	533.8044
1297.6752	12	E	7	938.5424	469.7751
1396.7436	13	V	6	809.4998	405.2538
1533.8025	14	H	5	710.4314	355.7196
1662.8451	15	E	4	573.3725	287.1901
1818.9714	16	K	3	444.3299	222.6688
1932.0555	17	L	2	288.2036	144.6057
	18	R	1	175.1195	88.0637

N-term: +29.04 K(3): +156.13
 K(16): +156.13

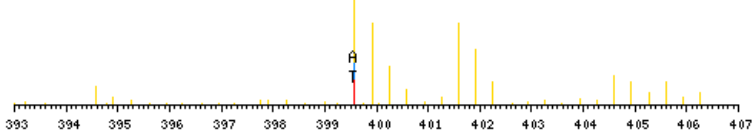
TGPNLHGLFGR, MH+ 1196.6540, m/z 399.5562
 L OS G27 P150811 220811-s1.05763.05763.3.dta

scan 5763; 1.7e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5762; 399.6 m/z; 6.2e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 11		
187.1082	2	G 10	1067.5750	534.2914
284.1610	3	P 9	1010.5536	505.7807
398.2039	4	N 8	913.5008	457.2543
511.2880	5	L 7	799.4579	400.2329
648.3469	6	H 6	686.3738	343.6908
705.3684	7	G 5	549.3149	275.1614
818.4524	8	L 4	492.2934	246.6506
965.5209	9	F 3	379.2094	190.1086
1022.5423	10	G 2	232.1410	116.5744
	11	R 1	175.1195	88.0637

N-term:+29.04

TGSVFDISNLDR, MH+ 1351.6857, m/z 676.3465
 L OS G25 P150811 220811-s1.07134.07134.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

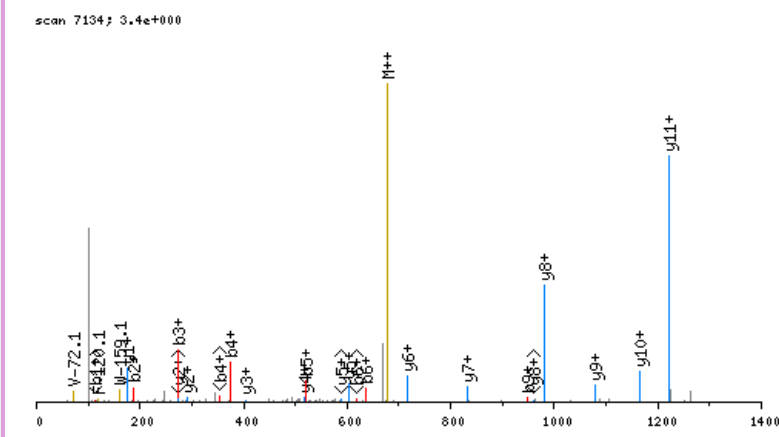
y + 2+ 3+

z + 2+ 3+

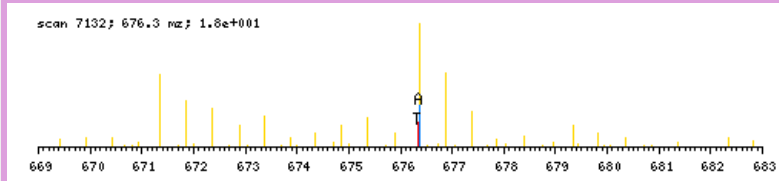
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 12		
187.1082	2	G 11	1222.6068	611.8073
274.1403	3	S 10	1165.5853	583.2966
373.2087	4	V 9	1078.5533	539.7806
520.2771	5	F 8	979.4849	490.2464
635.3040	6	D 7	832.4165	416.7121
748.3881	7	I 6	717.3895	359.1987
835.4201	8	S 5	604.3055	302.6566
949.4631	9	N 4	517.2734	259.1406
1062.5471	10	L 3	403.2305	202.1192
1177.5741	11	D 2	290.1464	145.5771
	12	R 1	175.1195	88.0637

N-term:+29.04

TGTEAAAATGVIGGIR, MH+ 1478.8391, m/z 493.6179
 H OS G25 P150811 220811-s1.05198.05198.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

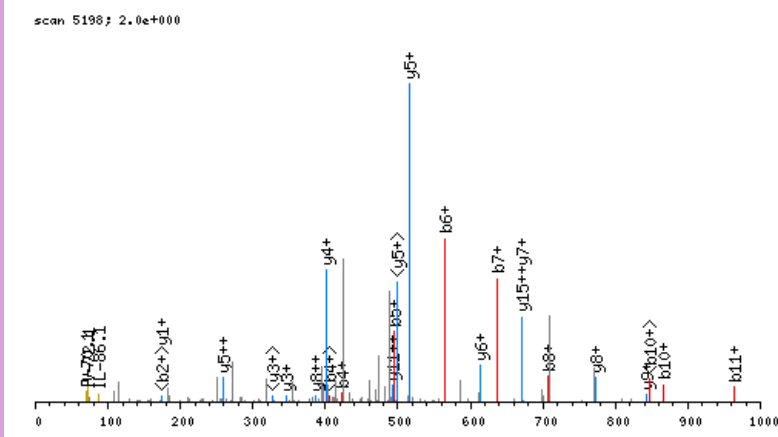
y + 2+ 3+

z + 2+ 3+

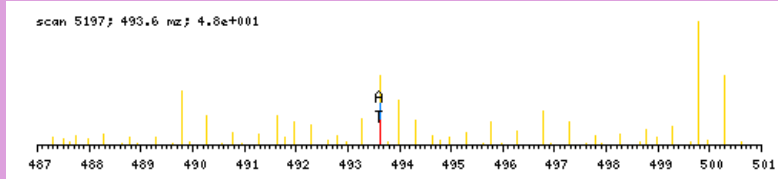
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 16		
193.1400	2	G 15	1343.7283	672.3681
294.1877	3	T 14	1286.7068	643.8573
423.2303	4	E 13	1185.6592	593.3335
494.2674	5	A 12	1056.6166	528.8122
565.3045	6	A 11	985.5795	493.2936
636.3417	7	A 10	914.5423	457.7751
707.3788	8	A 9	843.5052	422.2565
808.4264	9	T 8	772.4681	386.7380
865.4479	10	G 7	671.4204	336.2141
964.5163	11	V 6	614.3990	307.7034
1077.6004	12	I 5	515.3306	258.1692
1134.6219	13	G 4	402.2465	201.6272
1191.6433	14	G 3	345.2250	173.1164
1304.7274	15	I 2	288.2036	144.6057
	16	R 1	175.1195	88.0637

N-term:+35.07

THEQLTPLVR, MH+ 1221.6955, m/z 407.9034
 L OS G27 P150811 220811-s1.03350.03350.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

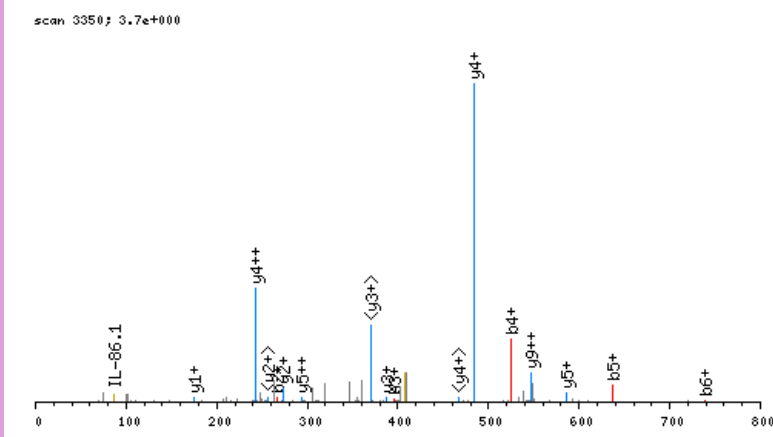
y + 2+ 3+

z + 2+ 3+

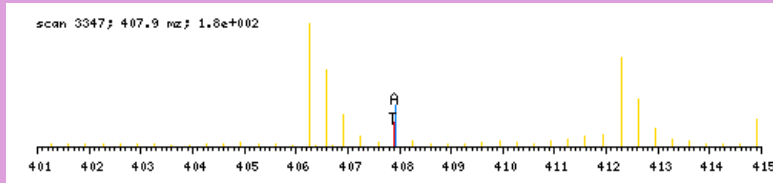
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T	10	
267.1457	2	H	9	1092.6166
396.1883	3	E	8	955.5577
524.2469	4	Q	7	826.5151
637.3309	5	L	6	698.4565
738.3786	6	T	5	585.3724
835.4314	7	P	4	484.3247
948.5154	8	L	3	387.2720
1047.5838	9	V	2	274.1879
	10	R	1	175.1195

N-term:+29.04

THFDPSCLFPACR, MH+ 1635.7411, m/z 545.9185
 L OS G27 P150811 220811-s1.06626.06626.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

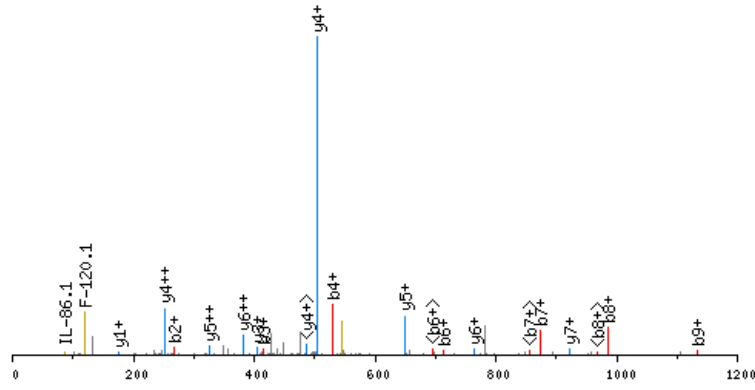
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

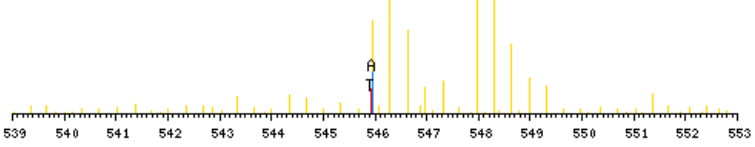
GO

scan 6626; 4.8e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6622; 545.9 m/z; 5.9e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 13		
267.1457	2	H 12	1506.6621	753.8350
414.2141	3	F 11	1369.6032	685.3055
529.2410	4	D 10	1222.5348	611.7713
626.2938	5	P 9	1107.5078	554.2578
713.3258	6	S 8	1010.4551	505.7315
873.3564	7	C 7	923.4231	462.2154
986.4405	8	L 6	763.3925	382.2001
1133.5089	9	F 5	650.3084	325.6581
1230.5617	10	P 4	503.2400	252.1239
1301.5988	11	A 3	406.1872	203.5975
1461.6294	12	C 2	335.1501	168.0790
	13	R 1	175.1195	88.0637

N-term:+29.04 C(7):+160.03
 C(12):+160.03

THLGGEDFDNR, MH+ 1288.5922, m/z 430.2022
 L OS G28 P150811 220811-s1.02984.02984.3.dta

scan 2984; 4.7e+000

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

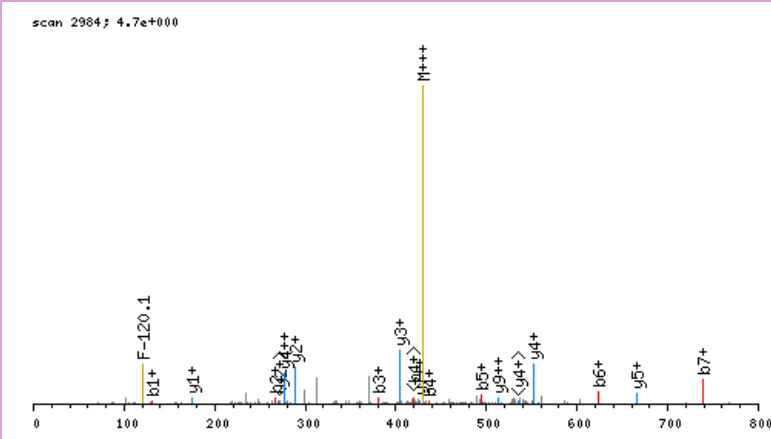
y + 2+ 3+

z + 2+ 3+

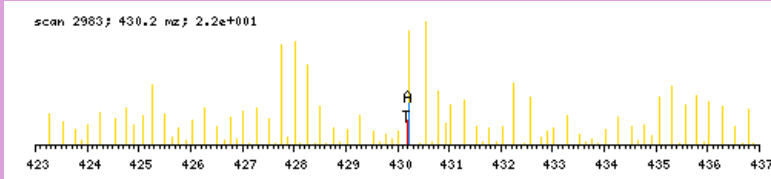
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



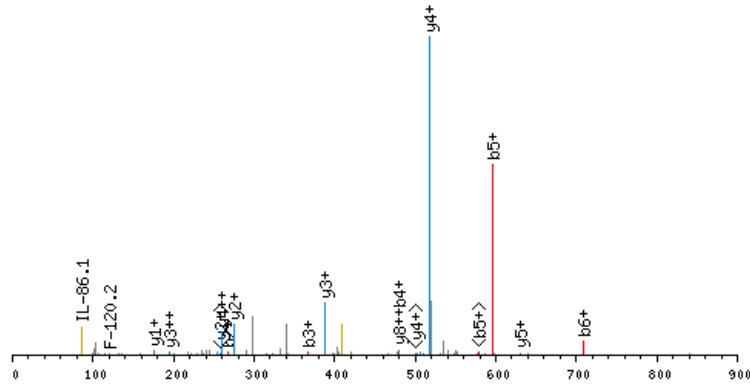
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T	11	
267.1457	2	H	10	1159.5132 580.2605
380.2298	3	L	9	1022.4543 511.7311
437.2512	4	G	8	909.3702 455.1890
494.2727	5	G	7	852.3488 426.6783
623.3153	6	E	6	795.3273 398.1676
738.3422	7	D	5	666.2847 333.6463
885.4106	8	F	4	551.2578 276.1328
1000.4376	9	D	3	404.1894 202.5986
1114.4805	10	N	2	289.1624 145.0851
	11	R	1	175.1195 88.0637

N-term:+29.04

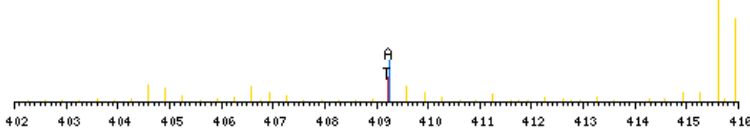
THVNDIMLVR, MH+ 1225.6727, m/z 409.2291
 L OS G27 P150811 220811-s1.04828.04828.3.dta

scan 4828; 5.6e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4827; 409.2 m/z; 6.1e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T	10	
267.1457	2	H	9	1096.5937 548.8008
366.2141	3	V	8	959.5348 480.2713
480.2570	4	N	7	860.4664 430.7371
595.2840	5	D	6	746.4235 373.7156
708.3680	6	I	5	631.3965 316.2022
839.4085	7	M	4	518.3125 259.6601
952.4926	8	L	3	387.2720 194.1399
1051.5610	9	V	2	274.1879 137.5979
	10	R	1	175.1195 88.0637

N-term:+29.04

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

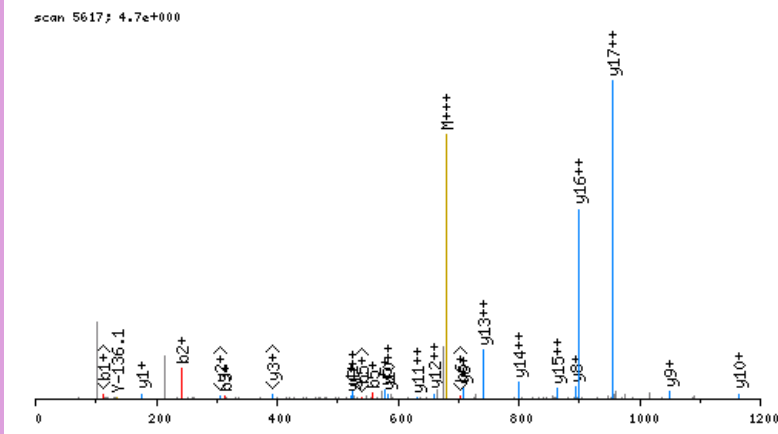
y + 2+ 3+

z + 2+ 3+

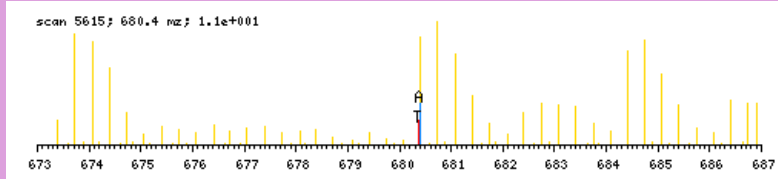
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	18		
243.1708	2	I	17	1910.0024	955.5051
314.2080	3	A	16	1796.9183	898.9631
442.2665	4	Q	15	1725.8812	863.4445
557.2935	5	D	14	1597.8226	799.4152
720.3568	6	Y	13	1482.7957	741.9018
777.3783	7	G	12	1319.7324	660.3701
876.4467	8	V	11	1262.7109	631.8594
989.5307	9	L	10	1163.6425	582.3252
1145.6570	10	K	9	1050.5584	525.7831
1216.6942	11	A	8	894.4321	447.7200
1331.7211	12	D	7	823.3950	412.2014
1460.7637	13	E	6	708.3681	354.6879
1517.7852	14	G	5	579.3255	290.1666
1630.8692	15	I	4	522.3040	261.6559
1717.9013	16	S	3	409.2199	205.1139
1864.9697	17	F	2	322.1879	161.5979
	18	R	1	175.1195	88.0637

N-term:+29.04 K(10):+156.13

TIFEVLPEKADR, MH+ 1485.8953, m/z 495.9700
 H OS G27 P150811 220811-s1.05751.05751.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

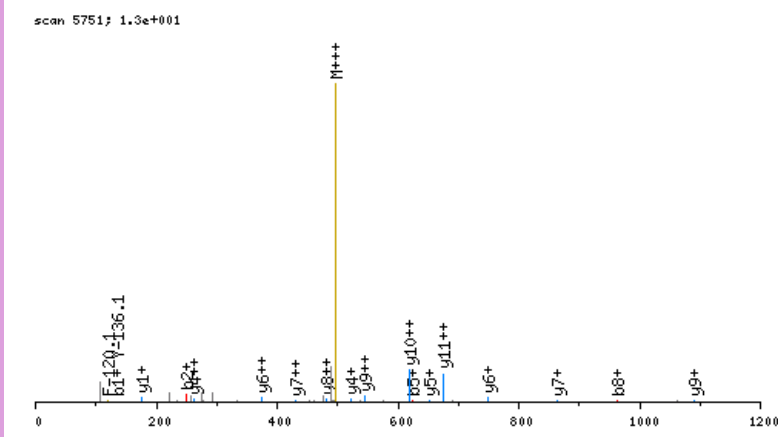
y + 2+ 3+

z + 2+ 3+

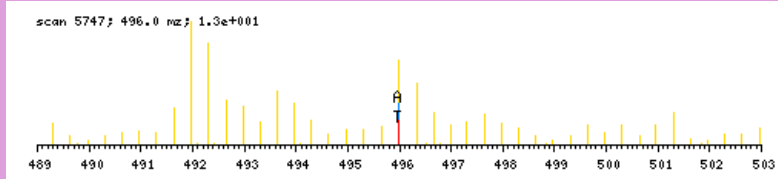
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 12		
249.2026	2	I 11	1350.7846	675.8962
396.2711	3	F 10	1237.7005	619.3542
525.3136	4	E 9	1090.6321	545.8200
624.3821	5	V 8	961.5895	481.2987
737.4661	6	L 7	862.5211	431.7645
834.5189	7	P 6	749.4370	375.2224
963.5615	8	E 5	652.3843	326.6960
1125.7196	9	K 4	523.3417	262.1747
1196.7567	10	A 3	361.1836	181.0957
1311.7836	11	D 2	290.1464	145.5771
	12	R 1	175.1195	88.0637

N-term:+35.07 K(9):+162.16

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

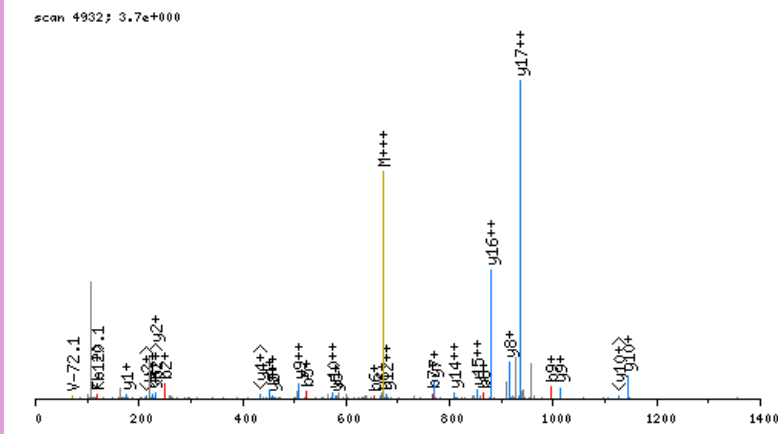
y + 2+ 3+

z + 2+ 3+

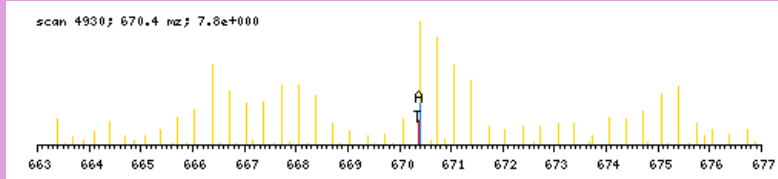
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
136.1186	1	T	18		
249.2026	2	I	17	1873.9542	937.4810
306.2241	3	G	16	1760.8702	880.9390
393.2561	4	S	15	1703.8487	852.4283
524.2966	5	M	14	1616.8167	808.9122
653.3392	6	E	13	1485.7762	743.3920
767.3821	7	N	12	1356.7336	678.8707
866.4506	8	V	11	1242.6907	621.8492
995.4931	9	E	10	1143.6222	572.3150
1094.5616	10	V	9	1014.5797	507.7937
1241.6300	11	F	8	915.5112	458.2595
1342.6777	12	T	7	768.4428	384.7253
1429.7097	13	S	6	667.3951	334.2015
1558.7523	14	E	5	580.3631	290.6855
1615.7737	15	G	4	451.3205	226.1642
1777.9318	16	K	3	394.2991	197.6534
1834.9533	17	G	2	232.1410	116.5744
	18	R	1	175.1195	88.0637

N-term:+35.07 K(16):+162.16

TIKKQFLEELLTQCDR, MH+ 2207.2110, m/z 552.5582
 L OS G28 P150811 220811-s1.07992.07992.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

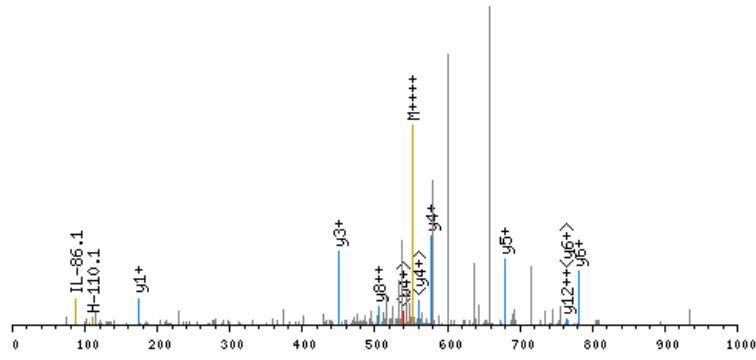
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

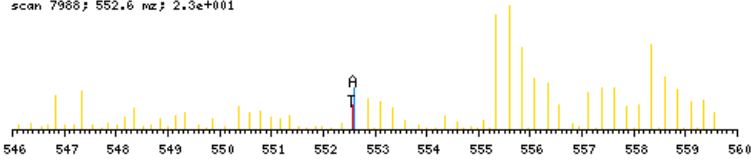
GO

scan 7992; 1.5e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 7988; 552.6 m/z; 2.3e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 17		
243.1708	2	I 16	2078.1320	1039.5699
399.2971	3	K 15	1965.0479	983.0279
555.4234	4	K 14	1808.9216	904.9647
683.4820	5	Q 13	1652.7953	826.9016
830.5504	6	F 12	1524.7368	762.8723
943.6345	7	L 11	1377.6684	689.3381
1072.6771	8	E 10	1264.5843	632.7961
1201.7197	9	E 9	1135.5417	568.2748
1314.8037	10	L 8	1006.4991	503.7535
1427.8878	11	L 7	893.4150	447.2114
1528.9355	12	T 6	780.3310	390.6694
1629.9832	13	T 5	679.2833	340.1456
1758.0417	14	Q 4	578.2356	289.6217
1918.0723	15	C 3	450.1770	225.5924
2033.0993	16	D 2	290.1464	145.5771
	17	R 1	175.1195	88.0637

N-term:+29.04 K(3):+156.13
 K(4):+156.13 C(15):+160.03

TITKTVTGPDGR, MH+ 1313.8065, m/z 438.6070
 H OS G27 P150811 220811-s1.02166.02166.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

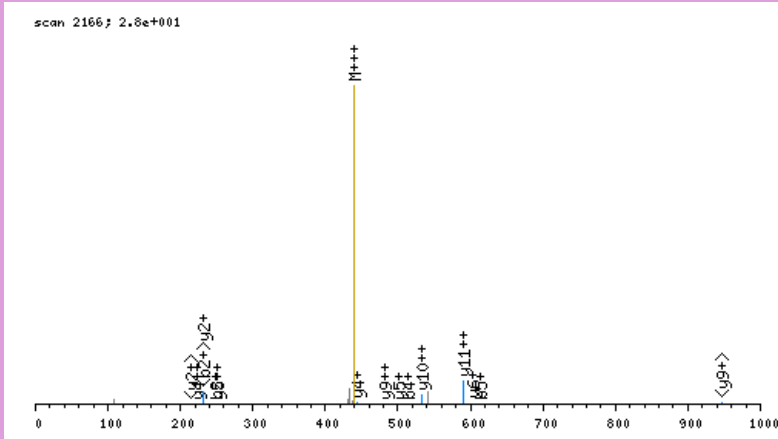
y + 2+ 3+

z + 2+ 3+

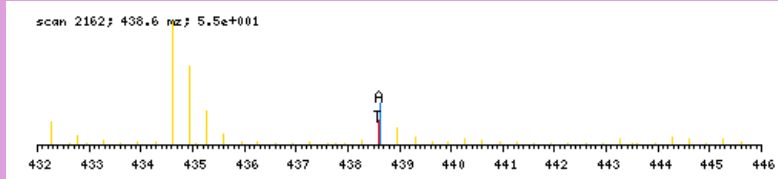
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 12		
249.2026	2	I 11	1178.6957	589.8518
350.2503	3	T 10	1065.6117	533.3098
512.4084	4	K 9	964.5640	482.7859
613.4561	5	T 8	802.4059	401.7069
712.5245	6	V 7	701.3582	351.1830
813.5722	7	T 6	602.2898	301.6488
870.5937	8	G 5	501.2421	251.1250
967.6464	9	P 4	444.2207	222.6142
1082.6734	10	D 3	347.1679	174.0879
1139.6948	11	G 2	232.1410	116.5744
	12	R 1	175.1195	88.0637

N-term:+35.07 K(4):+162.16

TIVCNTKEDGIWGTEHR, MH+ 2059.9871, m/z 515.7522
 L OS G28 P150811 220811-s1.03105.03105.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

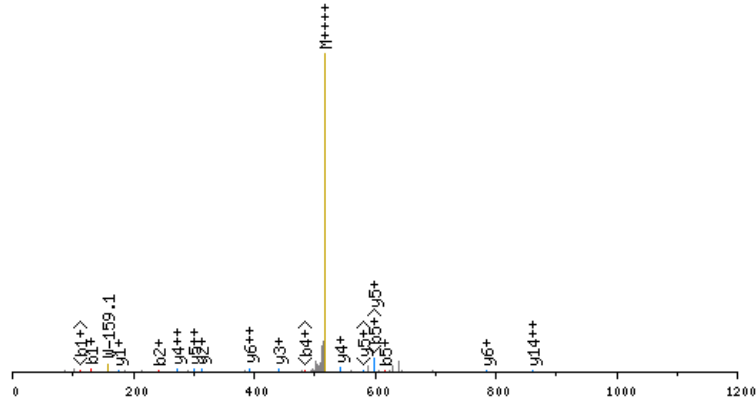
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

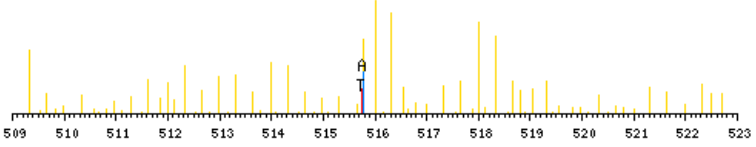
GO

scan 3105; 1.7e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 3103; 515.8 mz; 1.1e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	17		
243.1708	2	I	16	1930.9081	965.9580
342.2393	3	V	15	1817.8241	909.4159
502.2699	4	C	14	1718.7556	859.8817
616.3128	5	N	13	1558.7250	779.8664
717.3605	6	T	12	1444.6821	722.8450
873.4868	7	K	11	1343.6344	672.3211
1002.5294	8	E	10	1187.5081	594.2580
1117.5563	9	D	9	1058.4655	529.7367
1174.5778	10	G	8	943.4386	472.2232
1275.6254	11	T	7	886.4171	443.7125
1461.7048	12	W	6	785.3695	393.1886
1518.7262	13	G	5	599.2901	300.1490
1619.7739	14	T	4	542.2687	271.6383
1748.8165	15	E	3	441.2210	221.1144
1885.8754	16	H	2	312.1784	156.5931
	17	R	1	175.1195	88.0637

N-term:+29.04 C(4):+160.03
 K(7):+156.13

TIVEEVQDGKVISSR, MH+ 1715.9544, m/z 572.6563
 L OS G26 P150811 220811-s1.03349.03349.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

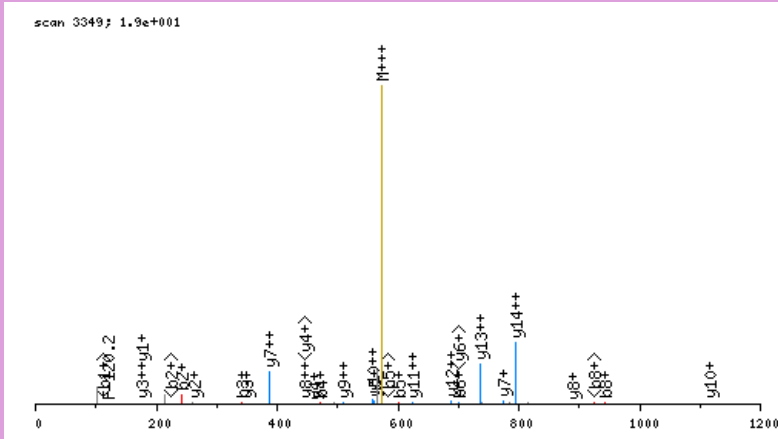
y + 2+ 3+

z + 2+ 3+

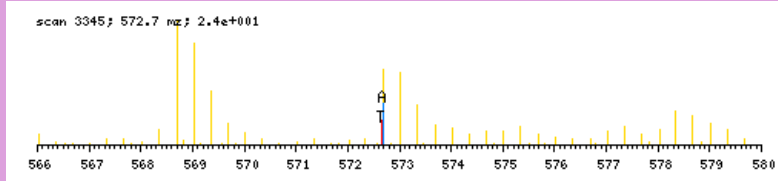
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



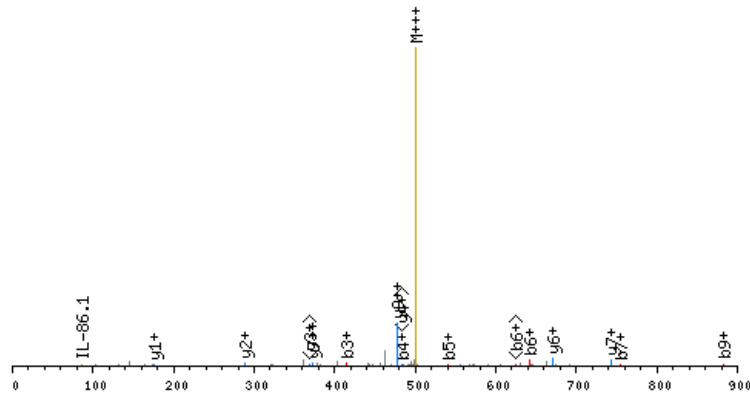
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	15		
243.1708	2	I	14	1586.8754	793.9416
342.2393	3	V	13	1473.7913	737.3996
471.2818	4	E	12	1374.7229	687.8654
600.3244	5	E	11	1245.6803	623.3441
699.3929	6	V	10	1116.6377	558.8228
827.4514	7	Q	9	1017.5693	509.2886
942.4784	8	D	8	889.5107	445.2593
999.4998	9	G	7	774.4838	387.7458
1155.6261	10	K	6	717.4623	359.2351
1254.6946	11	V	5	561.3360	281.1719
1367.7786	12	I	4	462.2676	231.6377
1454.8106	13	S	3	349.1836	175.0957
1541.8427	14	S	2	262.1515	131.5797
	15	R	1	175.1195	88.0637

N-term:+29.04 K(10):+156.13

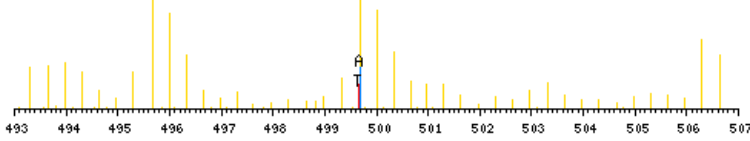
TKDAGTIAGLNVLRL, MH+ 1496.9437, m/z 499.6527
 H OS G27 P150811 220811-s1.05493.05493.3.dta

scan 5493; 1.3e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5492; 499.7 m/z; 1.8e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 14		
298.2767	2	K 13	1361.8329	681.4204
413.3036	3	D 12	1199.6748	600.3413
484.3407	4	A 11	1084.6479	542.8278
541.3622	5	G 10	1013.6108	507.3093
642.4099	6	T 9	956.5893	478.7986
755.4939	7	I 8	855.5416	428.2747
826.5311	8	A 7	742.4575	371.7327
883.5525	9	G 6	671.4204	336.2141
996.6366	10	L 5	614.3990	307.7034
1110.6795	11	N 4	501.3149	251.1614
1209.7479	12	V 3	387.2720	194.1399
1322.8320	13	L 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+35.07 K(2):+162.16

TKQEYDEAGPSIVHR, MH+ 1797.9771, m/z 450.2497
 H OS G28 P150811 220811-s1.02956.02956.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

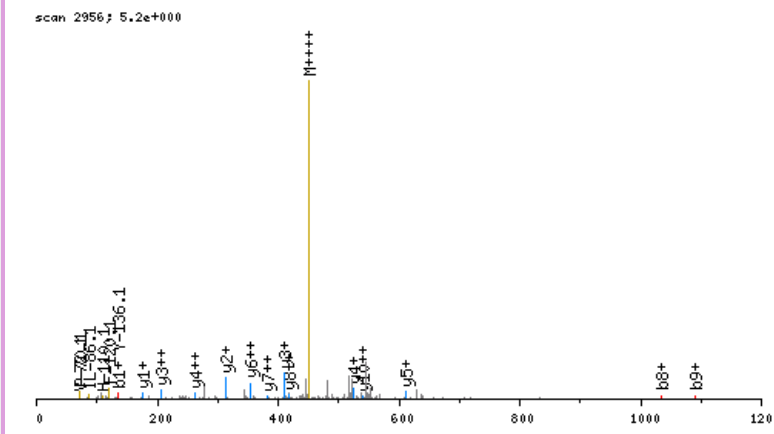
y + 2+ 3+

z + 2+ 3+

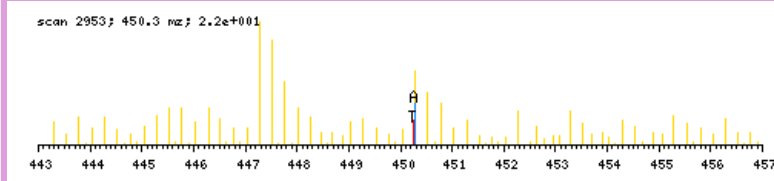
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T	15	
298.2767	2	K	14	1662.8664 831.9371
426.3353	3	Q	13	1500.7083 750.8581
555.3778	4	E	12	1372.6497 686.8288
718.4412	5	Y	11	1243.6071 622.3075
833.4681	6	D	10	1080.5438 540.7758
962.5107	7	E	9	965.5169 483.2623
1033.5478	8	A	8	836.4743 418.7410
1090.5693	9	G	7	765.4371 383.2225
1187.6221	10	P	6	708.4157 354.7118
1274.6541	11	S	5	611.3629 306.1854
1387.7381	12	I	4	524.3309 262.6694
1486.8066	13	V	3	411.2468 206.1273
1623.8655	14	H	2	312.1784 156.5931
	15	R	1	175.1195 88.0637

N-term:+35.07 K(2):+162.16

TKSLMDEVVKATSR, MH+ 1648.9308, m/z 412.9882
 L OS G28 P150811 220811-s1.06176.06176.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

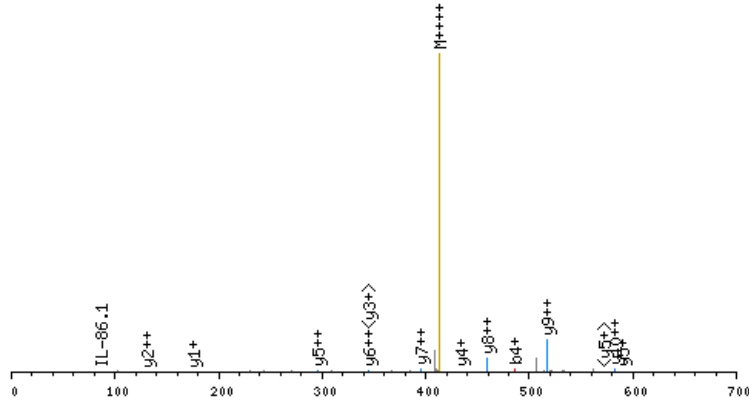
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

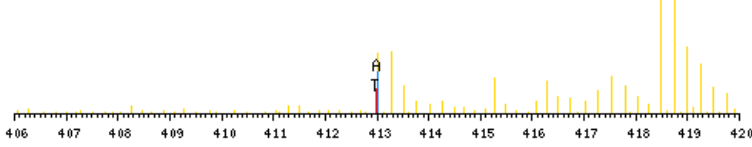
GO

scan 6176; 2.0e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6173; 413.0 nz; 1.9e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 14		
286.2131	2	K 13	1519.8519	760.4298
373.2451	3	S 12	1363.7256	682.3667
486.3292	4	L 11	1276.6935	638.8507
617.3697	5	M 10	1163.6095	582.3086
732.3966	6	D 9	1032.5690	516.7884
861.4392	7	E 8	917.5420	459.2749
960.5076	8	V 7	788.4994	394.7536
1059.5760	9	V 6	689.4310	345.2194
1215.7023	10	K 5	590.3626	295.6852
1286.7394	11	A 4	434.2363	217.6221
1387.7871	12	T 3	363.1992	182.1035
1474.8191	13	S 2	262.1515	131.5797
	14	R 1	175.1195	88.0637

N-term:+29.04 K(2):+156.13
 K(10):+156.13

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

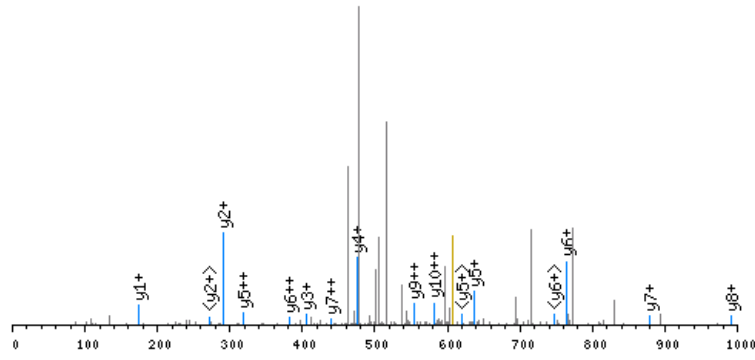
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

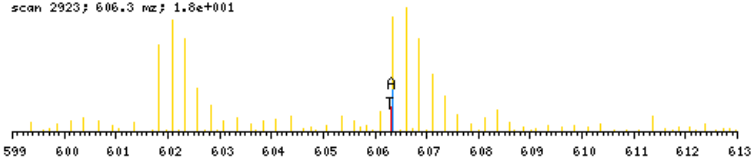
GO

scan 2925; 2.3e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2923; 606.3 mz; 1.8e+001



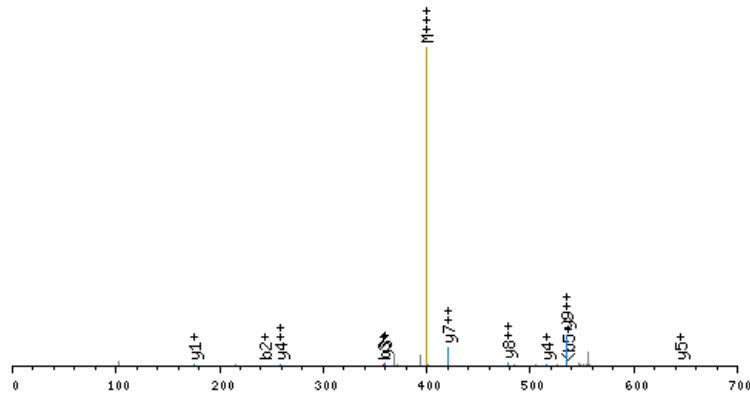
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
136.1186	1	T	19		
298.2767	2	K	18	2287.0905	1144.0492
397.3451	3	V	17	2124.9324	1062.9701
511.3880	4	N	16	2025.8640	1013.4359
673.5461	5	K	15	1911.8210	956.4144
802.5887	6	E	14	1749.6629	875.3354
962.6193	7	C	13	1620.6203	810.8141
1122.6499	8	C	12	1460.5897	730.7988
1259.7088	9	H	11	1300.5591	650.7835
1316.7303	10	G	10	1163.5002	582.2540
1431.7572	11	D	9	1106.4788	553.7433
1544.8413	12	L	8	991.4518	496.2298
1657.9254	13	L	7	878.3678	439.6878
1786.9680	14	E	6	765.2837	383.1458
1946.9986	15	C	5	636.2411	318.6245
2018.0357	16	A	4	476.2105	238.6092
2133.0626	17	D	3	405.1734	203.0906
2248.0896	18	D	2	290.1464	145.5771
	19	R	1	175.1195	88.0637

N-term:+35.07 K(2):+162.16
K(5):+162.16 C(7):+160.03 C(8):+160.03
C(15):+160.03

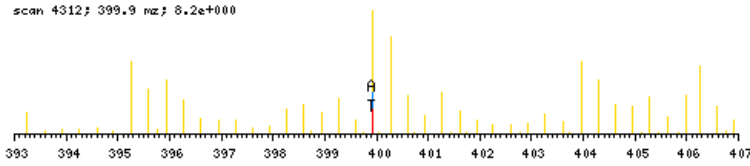
TLDPVEKALR, MH+ 1197.7207, m/z 399.9118
 L OS G27 P150811 220811-s1.04313.04313.3.dta

scan 4313; 2.1e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4312; 399.9 m/z; 8.2e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T	10	
243.1708	2	L	9	1068.6418
358.1978	3	D	8	955.5577
455.2505	4	P	7	840.5307
554.3190	5	V	6	743.4780
683.3616	6	E	5	644.4096
839.4879	7	K	4	515.3670
910.5250	8	A	3	359.2407
1023.6090	9	L	2	288.2036
	10	R	1	175.1195

N-term:+29.04 K(7):+156.13

TLEIPGSSDPNIVPDGDFSSSLVR, MH+ 2443.2356, m/z 815.0834
 L OS G24 P150811 220811-s1.04902.04902.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

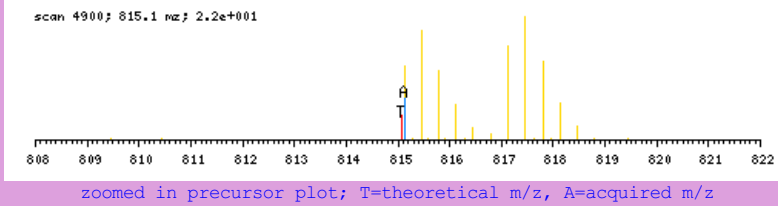
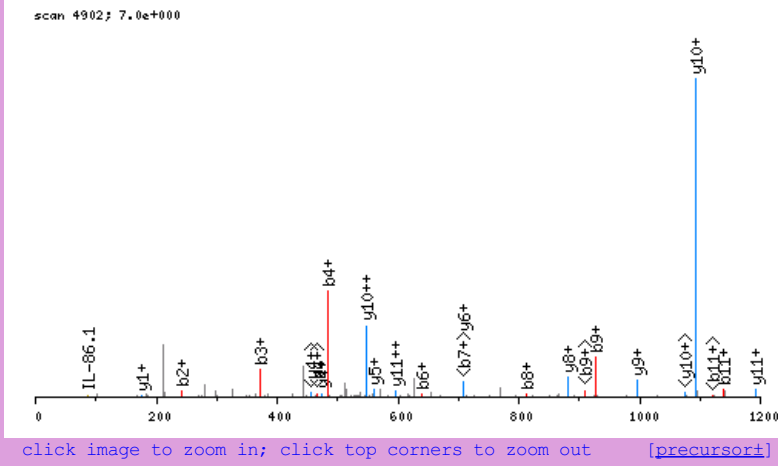
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO



b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 23		
243.1708	2	L 22	2314.1567	1157.5823
372.2134	3	E 21	2201.0726	1101.0402
485.2975	4	I 20	2072.0300	1036.5189
582.3503	5	P 19	1958.9460	979.9769
639.3717	6	G 18	1861.8932	931.4505
726.4038	7	S 17	1804.8717	902.9398
813.4358	8	S 16	1717.8397	859.4238
928.4627	9	D 15	1630.8077	815.9078
1025.5155	10	P 14	1515.7807	758.3943
1139.5584	11	N 13	1418.7280	709.8679
1252.6425	12	I 12	1304.6850	652.8464
1351.7109	13	V 11	1191.6010	596.3044
1448.7637	14	P 10	1092.5326	546.7702
1563.7906	15	D 9	995.4798	498.2438
1620.8121	16	G 8	880.4529	440.7303
1735.8390	17	D 7	823.4314	412.2196
1882.9074	18	F 6	708.4044	354.7061
1969.9395	19	S 5	561.3360	281.1719
2056.9715	20	S 4	474.3040	237.6559
2170.0555	21	L 3	387.2720	194.1399
2269.1240	22	V 2	274.1879	137.5979
	23	R 1	175.1195	88.0637

N-term:+29.04

TLENCLLPDDKLR, MH+ 1642.8838, m/z 548.2994
 L OS G26 P150811 220811-s1.04618.04618.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

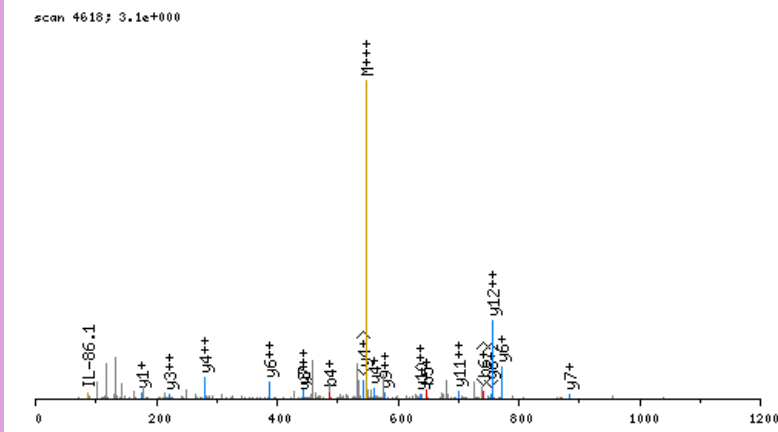
y + 2+ 3+

z + 2+ 3+

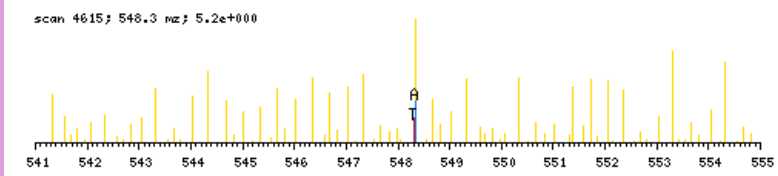
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



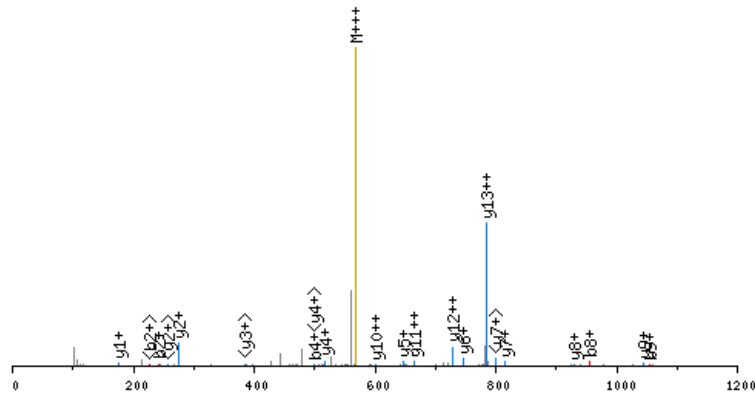
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	13		
243.1708	2	L	12	1513.8048	757.4063
372.2134	3	E	11	1400.7208	700.8643
486.2564	4	N	10	1271.6782	636.3430
646.2870	5	C	9	1157.6352	579.3215
759.3710	6	L	8	997.6046	499.3062
872.4551	7	L	7	884.5206	442.7642
969.5079	8	P	6	771.4365	386.2222
1084.5348	9	D	5	674.3838	337.6958
1199.5617	10	D	4	559.3568	280.1823
1355.6880	11	K	3	444.3299	222.6688
1468.7721	12	L	2	288.2036	144.6057
	13	R	1	175.1195	88.0637

N-term: +29.04 C(5): +160.03
 K(11): +156.13

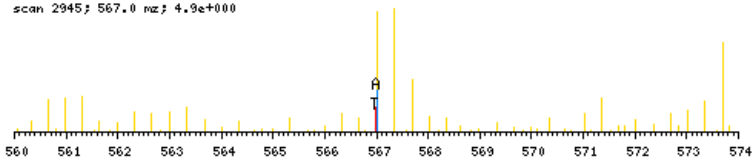
TLEQKNIAVENEVR, MH+ 1698.9390, m/z 566.9845
 L OS G26 P150811 220811-s1.02949.02949.3.dta

scan 2949; 9.5e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2945; 567.0 m/z; 4.9e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 14		
243.1708	2	L 13	1569.8601	785.4340
372.2134	3	E 12	1456.7760	728.8919
500.2720	4	Q 11	1327.7334	664.3706
656.3983	5	K 10	1199.6748	600.3413
770.4412	6	N 9	1043.5485	522.2782
883.5253	7	I 8	929.5056	465.2567
954.5624	8	A 7	816.4216	408.7147
1053.6308	9	V 6	745.3844	373.1961
1182.6734	10	E 5	646.3160	323.6619
1296.7164	11	N 4	517.2734	259.1406
1425.7589	12	E 3	403.2305	202.1192
1524.8274	13	V 2	274.1879	137.5979
	14	R 1	175.1195	88.0637

N-term:+29.04 K(5):+156.13

TLFGDKLCAIPNLR, MH+ 1673.9412, m/z 558.6519
 L OS G26 P150811 220811-s1.06277.06277.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

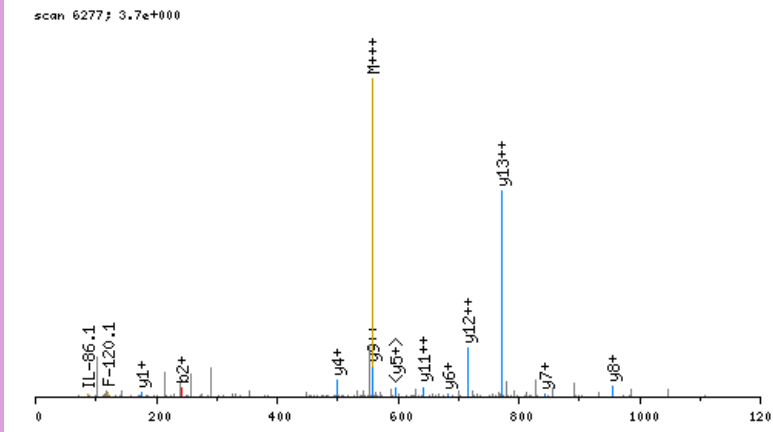
y + 2+ 3+

z + 2+ 3+

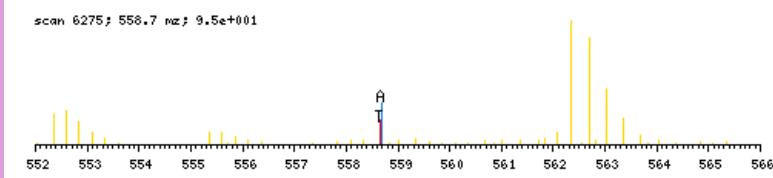
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	14		
243.1708	2	L	13	1544.8623	772.9351
390.2393	3	F	12	1431.7782	716.3930
447.2607	4	G	11	1284.7098	642.8588
562.2877	5	D	10	1227.6883	614.3481
718.4140	6	K	9	1112.6614	556.8346
831.4980	7	L	8	956.5351	478.7715
991.5286	8	C	7	843.4510	422.2294
1062.5657	9	A	6	683.4204	342.2141
1175.6498	10	I	5	612.3833	306.6956
1272.7026	11	P	4	499.2993	250.1535
1386.7455	12	N	3	402.2465	201.6272
1499.8296	13	L	2	288.2036	144.6057
	14	R	1	175.1195	88.0637

N-term:+29.04 K(6):+156.13
 C(8):+160.03

TLKSLSQIENIR, MH+ 1597.9913, m/z 533.3353
 H OS G27 P150811 220811-s1.05269.05269.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

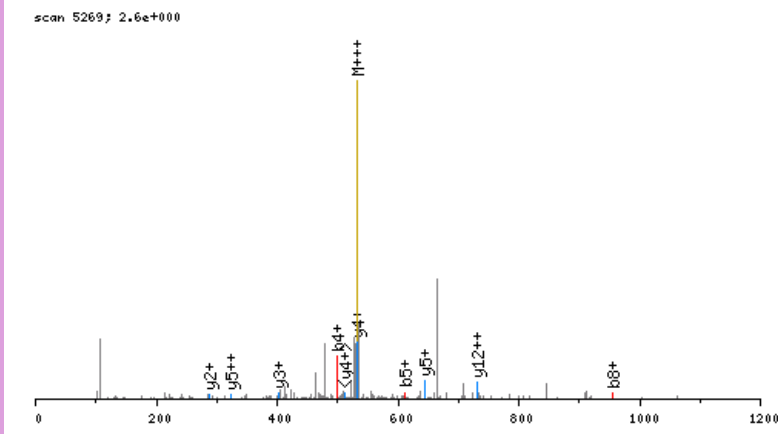
y + 2+ 3+

z + 2+ 3+

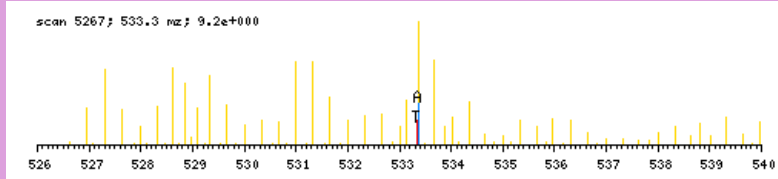
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 13		
249.2026	2	L 12	1462.8806	731.9442
411.3607	3	K 11	1349.7965	675.4022
498.3928	4	S 10	1187.6384	594.3231
611.4768	5	L 9	1100.6064	550.8071
698.5089	6	S 8	987.5223	494.2651
826.5674	7	Q 7	900.4903	450.7491
954.6260	8	Q 6	772.4317	386.7198
1067.7101	9	I 5	644.3731	322.6905
1196.7527	10	E 4	531.2891	266.1485
1310.7956	11	N 3	402.2465	201.6272
1423.8797	12	I 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+35.07 K(3):+162.16

TLLTEAPLNPKANR, MH+ 1593.9328, m/z 531.9825
 L OS G26 P150811 220811-s1.03809.03809.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

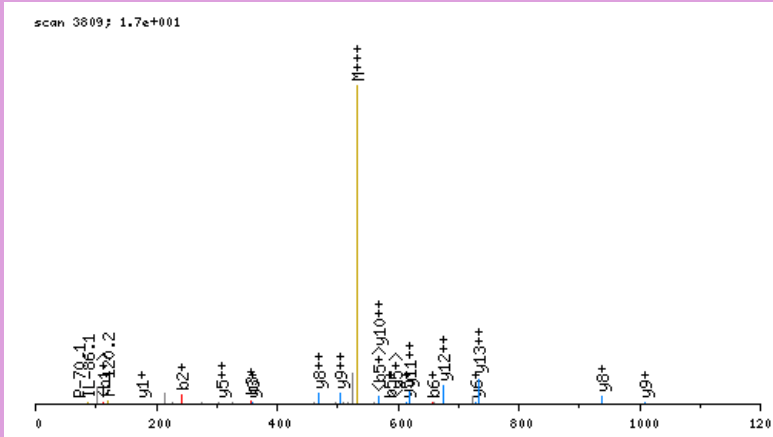
y + 2+ 3+

z + 2+ 3+

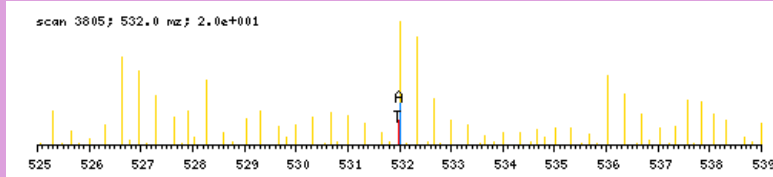
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T	14	
243.1708	2	L	13	1464.8539
356.2549	3	L	12	1351.7698
457.3026	4	T	11	1238.6857
586.3452	5	E	10	1137.6381
657.3823	6	A	9	1008.5955
754.4351	7	P	8	937.5584
867.5191	8	L	7	840.5056
981.5620	9	N	6	727.4215
1078.6148	10	P	5	613.3786
1234.7411	11	K	4	516.3258
1305.7782	12	A	3	360.1995
1419.8212	13	N	2	289.1624
	14	R	1	175.1195

N-term:+29.04 K(11):+156.13

TLPGLSLPPEVEKYR, MH+ 1599.9110, m/z 533.9752
 L OS G26 P150811 220811-s1.04253.04253.3.dta

scan 4253; 3.7e+000

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

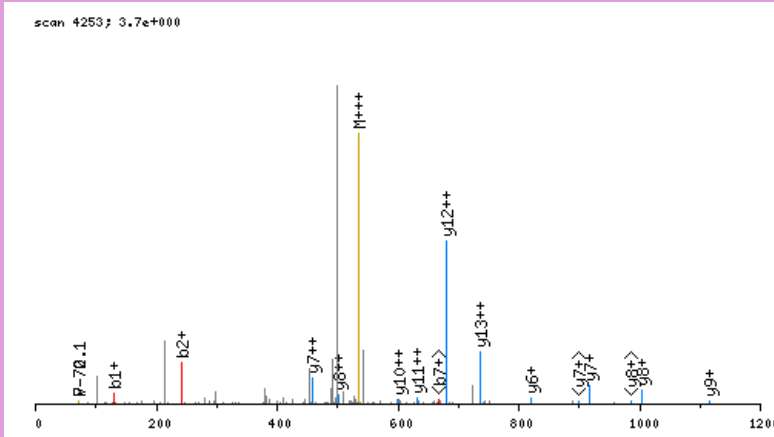
y + 2+ 3+

z + 2+ 3+

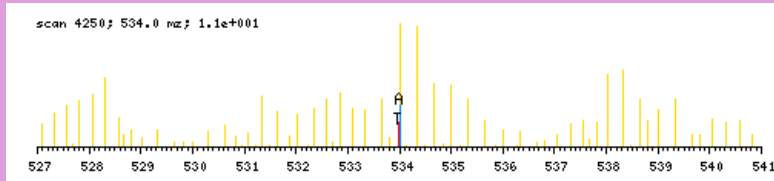
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T	14	
243.1708	2	L	13	1470.8321
340.2236	3	P	12	1357.7480
397.2451	4	G	11	1260.6952
484.2771	5	S	10	1203.6738
597.3612	6	L	9	1116.6418
684.3932	7	S	8	1003.5577
781.4460	8	P	7	916.5257
878.4987	9	P	6	819.4729
977.5671	10	V	5	722.4201
1106.6097	11	E	4	623.3517
1262.7360	12	K	3	494.3091
1425.7994	13	Y	2	338.1828
	14	R	1	175.1195

N-term:+29.04 K(12):+156.13

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

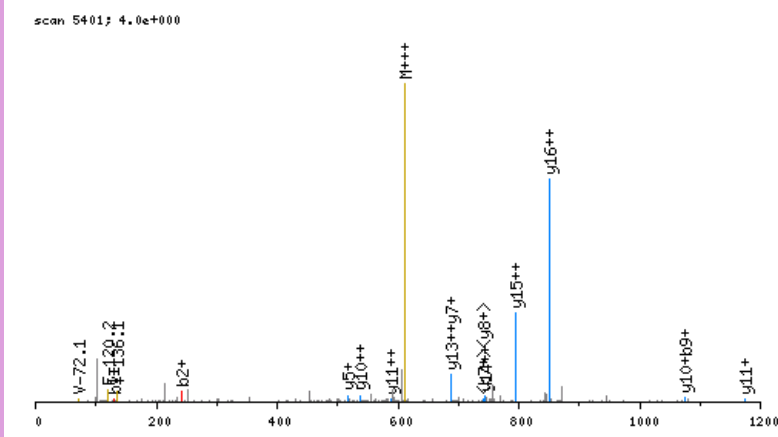
y + 2+ 3+

z + 2+ 3+

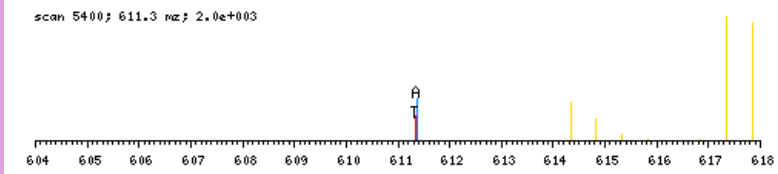
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	17		
243.1708	2	L	16	1702.9526	851.9802
344.2185	3	T	15	1589.8685	795.4382
459.2455	4	D	14	1488.8208	744.9143
546.2775	5	S	13	1373.7939	687.4008
659.3616	6	L	12	1286.7618	643.8848
758.4300	7	V	11	1173.6778	587.3428
918.4606	8	C	10	1074.6094	537.8086
1074.5869	9	K	9	914.5788	457.7933
1145.6240	10	A	8	758.4525	379.7301
1202.6454	11	G	7	687.4153	344.2116
1315.7295	12	I	6	630.3939	315.7009
1428.8136	13	I	5	517.3098	259.1588
1499.8507	14	A	4	404.2258	202.6168
1586.8827	15	S	3	333.1886	167.0982
1657.9198	16	A	2	246.1566	123.5822
	17	R	1	175.1195	88.0637

N-term: +29.04 C(8): +160.03
 K(9): +156.13

TMVADTPENLR, MH+ 1280.6732, m/z 640.8403
 H OS G25 P150811 220811-s1.04014.04014.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

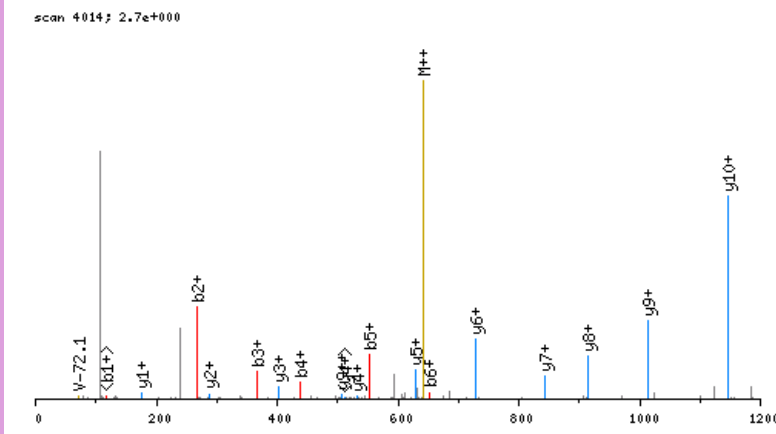
y + 2+ 3+

z + 2+ 3+

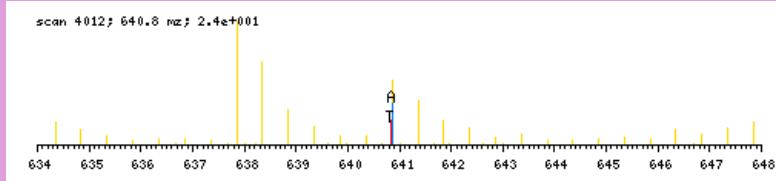
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 11		
267.1591	2	M 10	1145.5625	573.2852
366.2275	3	V 9	1014.5220	507.7649
437.2646	4	A 8	915.4536	458.2307
552.2915	5	D 7	844.4165	422.7121
653.3392	6	T 6	729.3895	365.1987
750.3920	7	P 5	628.3418	314.6748
879.4346	8	E 4	531.2891	266.1485
993.4775	9	N 3	402.2465	201.6272
1106.5616	10	L 2	288.2036	144.6057
	11	R 1	175.1195	88.0637

N-term:+35.07

TNGETTTQGLDGLSER, MH+ 1706.8197, m/z 569.6114
 L OS G25 P150811 220811-s1.03994.03994.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

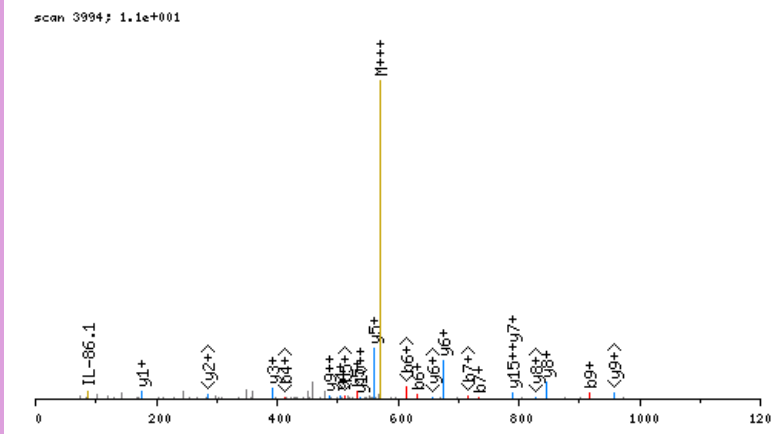
y + 2+ 3+

z + 2+ 3+

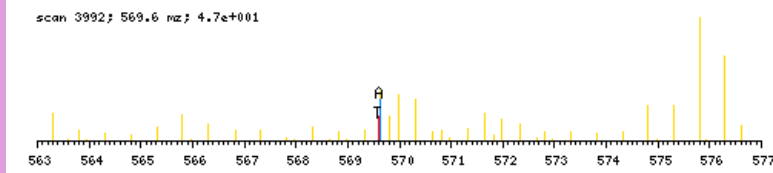
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 16		
244.1297	2	N 15	1577.7407	789.3743
301.1512	3	G 14	1463.6978	732.3528
430.1938	4	E 13	1406.6763	703.8421
531.2414	5	T 12	1277.6337	639.3208
632.2891	6	T 11	1176.5861	588.7969
733.3368	7	T 10	1075.5384	538.2731
861.3954	8	Q 9	974.4907	487.7493
918.4168	9	G 8	846.4321	423.7200
1031.5009	10	L 7	789.4107	395.2092
1146.5278	11	D 6	676.3266	338.6672
1203.5493	12	G 5	561.2997	281.1537
1316.6334	13	L 4	504.2782	252.6430
1403.6654	14	S 3	391.1941	196.1010
1532.7080	15	E 2	304.1621	152.5850
	16	R 1	175.1195	88.0637

N-term:+29.04

TNLGDFAIISLYR, MH+ 1403.7747, m/z 702.3910
 H OS G25 P150811 220811-s1.08126.08126.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

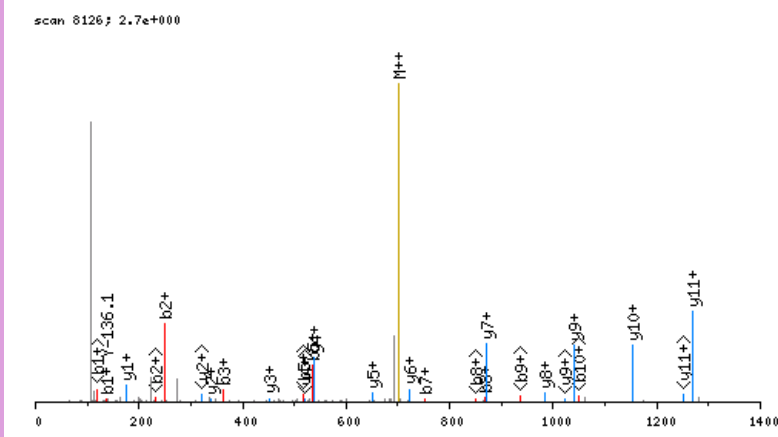
y + 2+ 3+

z + 2+ 3+

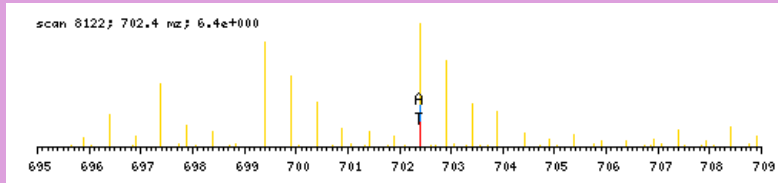
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



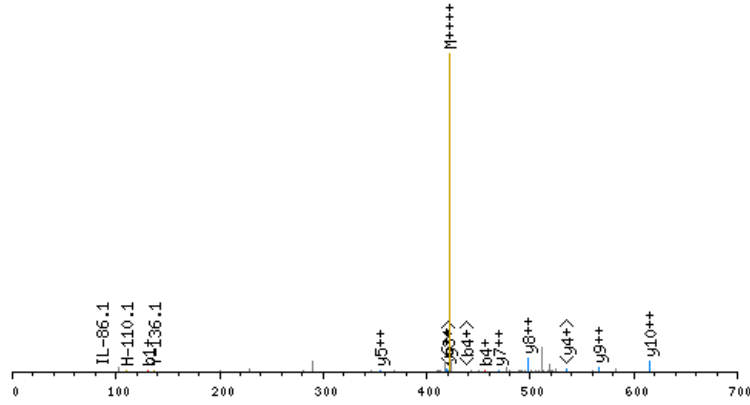
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 12		
250.1615	2	N 11	1268.6639	634.8359
363.2456	3	L 10	1154.6210	577.8144
420.2670	4	G 9	1041.5369	521.2724
535.2940	5	D 8	984.5155	492.7616
682.3624	6	F 7	869.4885	435.2482
753.3995	7	A 6	722.4201	361.7140
866.4836	8	I 5	651.3830	326.1954
953.5156	9	S 4	538.2989	269.6534
1066.5997	10	L 3	451.2669	226.1374
1229.6630	11	Y 2	338.1828	169.5953
	12	R 1	175.1195	88.0637

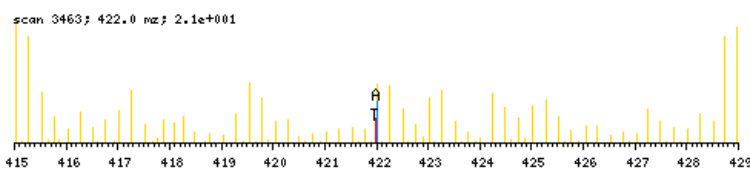
N-term:+35.07

TNLVPHGTEKDVYR, MH+ 1684.9023, m/z 421.9810
 L OS G28 P150811 220811-s1.03465.03465.4.dta

scan 3465; 1.3e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T	14	
244.1297	2	N	13	1555.8233
357.2138	3	L	12	1441.7804
456.2822	4	V	11	1328.6963
553.3349	5	P	10	1229.6279
690.3939	6	H	9	1132.5751
747.4153	7	G	8	995.5162
848.4630	8	T	7	938.4948
977.5056	9	E	6	837.4471
1133.6319	10	K	5	708.4045
1248.6588	11	D	4	552.2782
1347.7273	12	V	3	437.2512
1510.7906	13	Y	2	338.1828
	14	R	1	175.1195

N-term:+29.04 K(10):+156.13

TNSELVQSGKSEISELR, MH+ 1933.0242, m/z 645.0129
 L OS G26 P150811 220811-s1.04017.04017.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

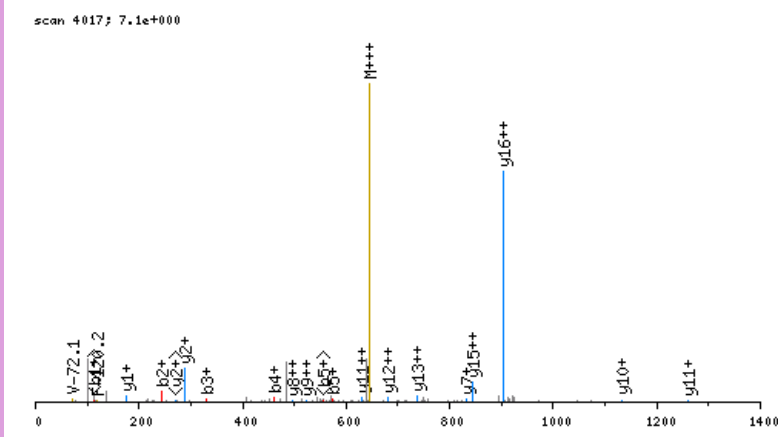
y + 2+ 3+

z + 2+ 3+

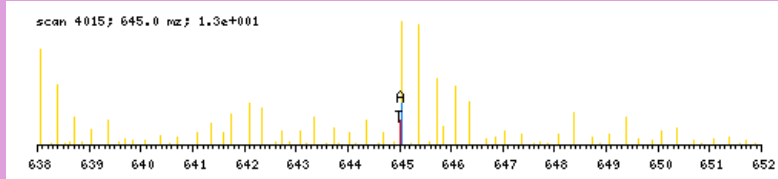
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	17		
244.1297	2	N	16	1803.9453	902.4765
331.1617	3	S	15	1689.9023	845.4551
460.2043	4	E	14	1602.8703	801.9391
573.2884	5	L	13	1473.8277	737.4178
672.3568	6	V	12	1360.7437	680.8757
800.4154	7	Q	11	1261.6752	631.3415
887.4474	8	S	10	1133.6167	567.3122
944.4689	9	G	9	1046.5846	523.7962
1100.5952	10	K	8	989.5632	495.2855
1187.6272	11	S	7	833.4369	417.2223
1316.6698	12	E	6	746.4048	373.7063
1429.7539	13	I	5	617.3623	309.1850
1516.7859	14	S	4	504.2782	252.6430
1645.8285	15	E	3	417.2462	209.1270
1758.9125	16	L	2	288.2036	144.6057
	17	R	1	175.1195	88.0637

N-term:+29.04 K(10):+156.13

TNVVMNYSEIESKVR, MH+ 1837.0166, m/z 613.0104
 H OS G26 P150811 220811-s1.04898.04898.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

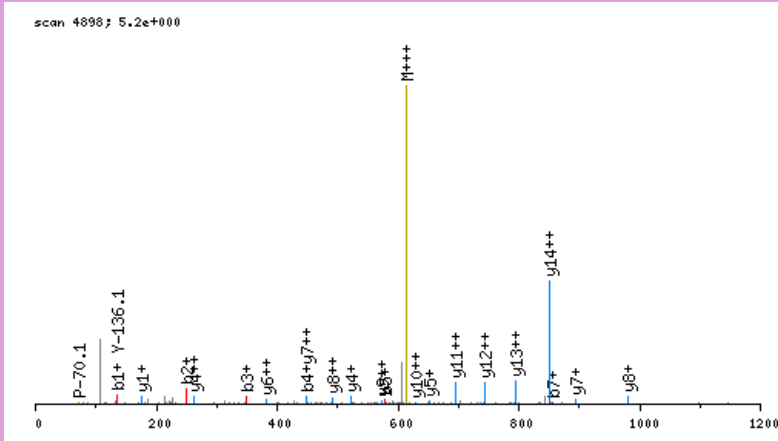
y + 2+ 3+

z + 2+ 3+

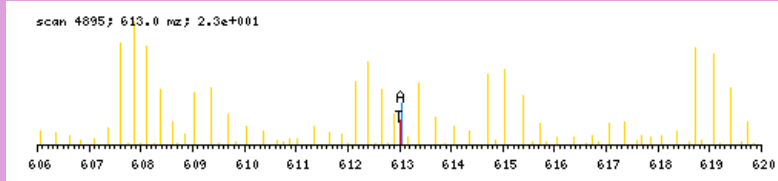
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



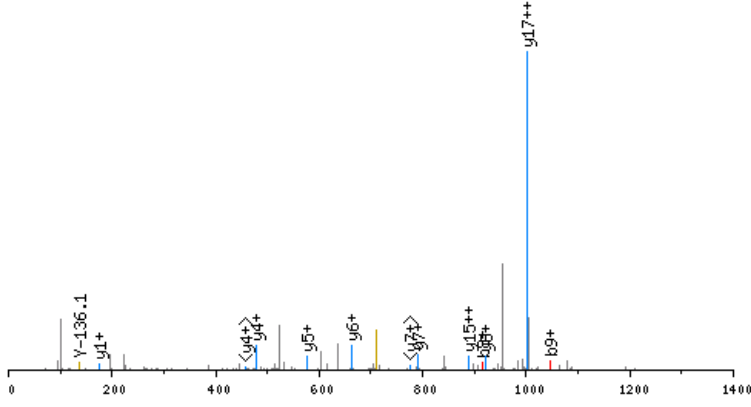
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T	15	
250.1615	2	N	14	1701.9058
349.2299	3	V	13	1587.8629
448.2983	4	V	12	1488.7945
579.3388	5	M	11	1389.7261
693.3817	6	N	10	1258.6856
856.4451	7	Y	9	1144.6427
943.4771	8	S	8	981.5793
1072.5197	9	E	7	894.5473
1185.6038	10	I	6	765.5047
1314.6464	11	E	5	652.4206
1401.6784	12	S	4	523.3780
1563.8365	13	K	3	436.3460
1662.9049	14	V	2	274.1879
	15	R	1	175.1195

N-term:+35.07 K(13):+162.16

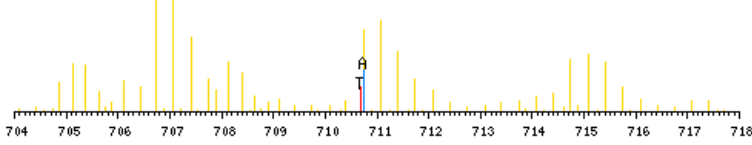
TPEKYLGAEYMQSVGNMR, MH+ 2130.0364, m/z 710.6836
L OS G26 P150811 220811-s1.04972.04972.3.dta

scan 4972; 4.4e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 4970; 710.7 mz; 1.8e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 18		
227.1395	2	P 17	2000.9574	1000.9826
356.1821	3	E 16	1903.9047	952.4562
512.3084	4	K 15	1774.8621	887.9349
675.3718	5	Y 14	1618.7358	809.8718
788.4558	6	L 13	1455.6724	728.3401
845.4773	7	G 12	1342.5884	671.7981
916.5144	8	A 11	1285.5669	643.2874
1045.5570	9	E 10	1214.5298	607.7688
1208.6203	10	Y 9	1085.4872	543.2475
1339.6608	11	M 8	922.4239	461.7159
1467.7194	12	Q 7	791.3834	396.1956
1554.7514	13	S 6	663.3248	332.1663
1653.8198	14	V 5	576.2928	288.6503
1710.8413	15	G 4	477.2244	239.1161
1824.8842	16	N 3	420.2029	210.6054
1955.9247	17	M 2	306.1600	153.5839
	18	R 1	175.1195	88.0637

N-term:+29.04 K(4):+156.13

X-range:

0 - 0

MassTol: Y-zoom:

0. 1.

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

TPEQKKELSDIAHR, MH+ 1735.9707, m/z 434.7481
 L OS G28 P150811 220811-s1.02300.02300.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

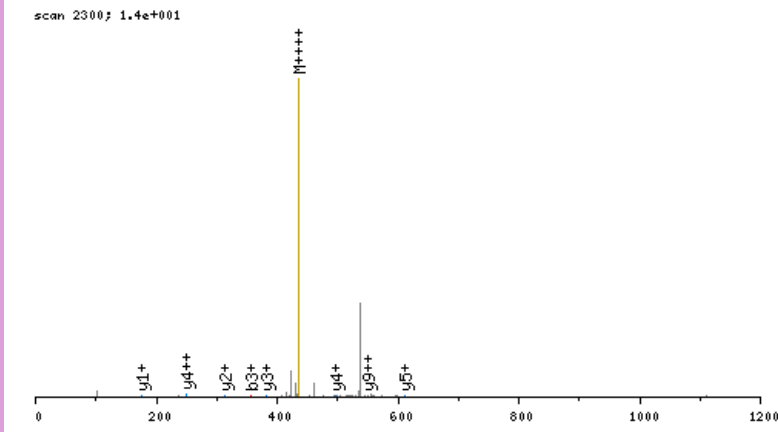
y + 2+ 3+

z + 2+ 3+

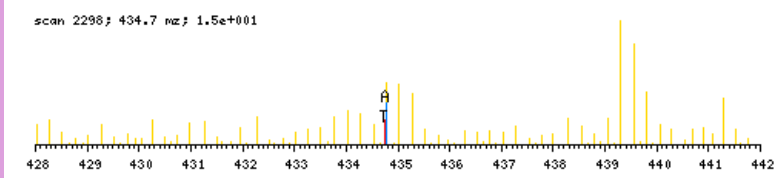
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 14		
227.1395	2	P 13	1606.8918	803.9498
356.1821	3	E 12	1509.8390	755.4234
484.2407	4	Q 11	1380.7964	690.9021
640.3670	5	K 10	1252.7378	626.8728
796.4933	6	K 9	1096.6115	548.8097
925.5359	7	E 8	940.4852	470.7465
1038.6200	8	L 7	811.4426	406.2252
1125.6520	9	S 6	698.3586	349.6832
1240.6789	10	D 5	611.3265	306.1672
1353.7630	11	I 4	496.2996	248.6537
1424.8001	12	A 3	383.2155	192.1117
1561.8590	13	H 2	312.1784	156.5931
	14	R 1	175.1195	88.0637

N-term:+29.04 K(5):+156.13
 K(6):+156.13

TPGVAADLSHIETR, MH+ 1494.7916, m/z 498.9354
 L OS G27 P150811 220811-s1.04704.04704.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

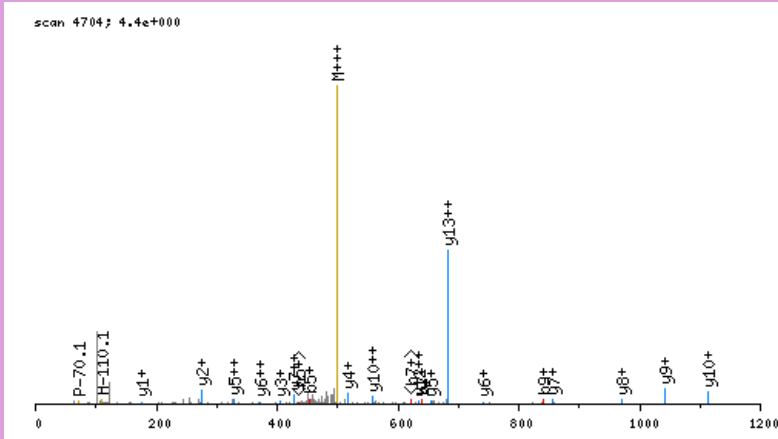
y + 2+ 3+

z + 2+ 3+

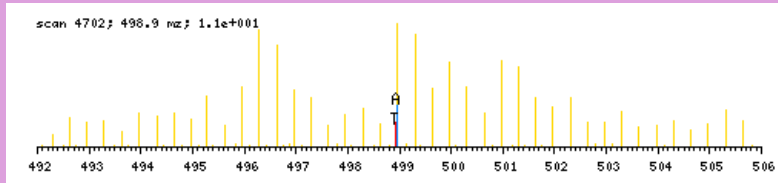
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



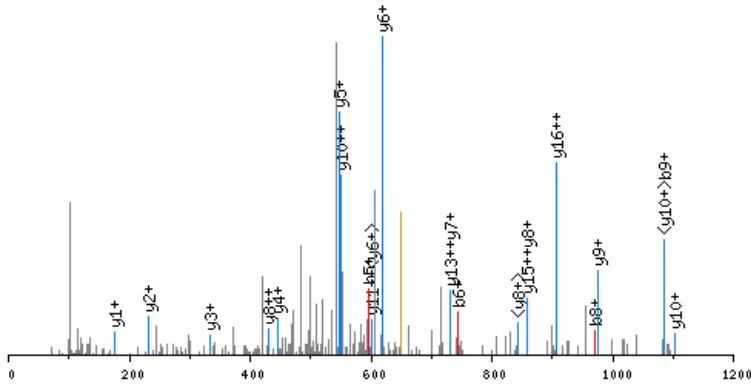
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 14		
227.1395	2	P 13	1365.7127	683.3602
284.1610	3	G 12	1268.6599	634.8339
383.2294	4	V 11	1211.6384	606.3231
454.2665	5	A 10	1112.5700	556.7889
525.3036	6	A 9	1041.5329	521.2704
640.3306	7	D 8	970.4958	485.7518
753.4147	8	L 7	855.4688	428.2383
840.4467	9	S 6	742.3848	371.6963
977.5056	10	H 5	655.3527	328.1803
1090.5897	11	I 4	518.2938	259.6508
1219.6323	12	E 3	405.2098	203.1088
1320.6799	13	T 2	276.1672	138.5875
	14	R 1	175.1195	88.0637

N-term:+29.04

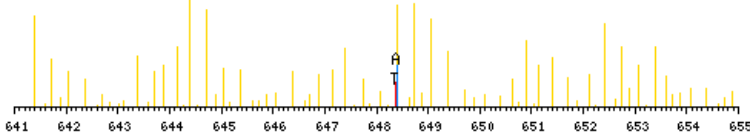
TPKVDFFPQDLATLTGR, MH+ 1943.0602, m/z 648.3583
 L OS G26 P150811 220811-s1.05702.05702.3.dta

scan 5702; 7.5e-001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5700; 648.4 m/z; 6.1e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	17		
227.1395	2	P	16	1813.9813	907.4945
383.2658	3	K	15	1716.9285	858.9682
482.3343	4	V	14	1560.8022	780.9050
597.3612	5	D	13	1461.7338	731.3708
744.4296	6	F	12	1346.7068	673.8573
841.4824	7	P	11	1199.6384	600.3231
969.5410	8	Q	10	1102.5857	551.7967
1084.5679	9	D	9	974.5271	487.7675
1212.6265	10	Q	8	859.5001	430.2540
1325.7105	11	L	7	731.4416	366.2247
1396.7477	12	A	6	618.3575	309.6827
1497.7953	13	T	5	547.3204	274.1641
1610.8794	14	L	4	446.2727	223.6403
1711.9271	15	T	3	333.1886	167.0982
1768.9485	16	G	2	232.1410	116.5744
	17	R	1	175.1195	88.0637

N-term:+29.04 K(3):+156.13

TPLPNLQNGPIYAR, MH+ 1581.8753, m/z 527.9633
 L OS G25 P150811 220811-s1.06405.06405.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

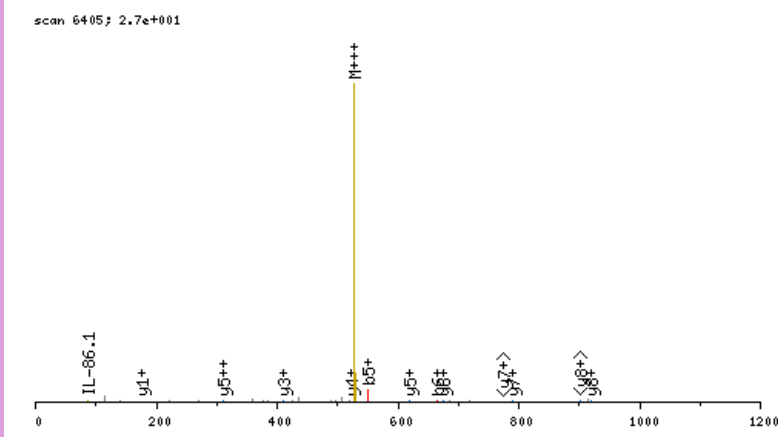
y + 2+ 3+

z + 2+ 3+

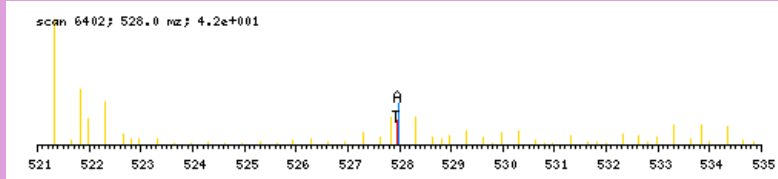
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 14		
227.1395	2	P 13	1452.7963	726.9021
340.2236	3	L 12	1355.7436	678.3757
437.2764	4	P 11	1242.6595	621.8337
551.3193	5	N 10	1145.6067	573.3073
664.4034	6	L 9	1031.5638	516.2858
792.4619	7	Q 8	918.4797	459.7438
906.5049	8	N 7	790.4212	395.7145
963.5263	9	G 6	676.3782	338.6930
1060.5791	10	P 5	619.3568	310.1823
1173.6632	11	I 4	522.3040	261.6559
1336.7265	12	Y 3	409.2199	205.1139
1407.7636	13	A 2	246.1566	123.5822
	14	R 1	175.1195	88.0637

N-term:+29.04

TPSALAIMENANVLAR, MH+ 1704.9530, m/z 568.9892
 H OS G25 P150811 220811-s1.08109.08109.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

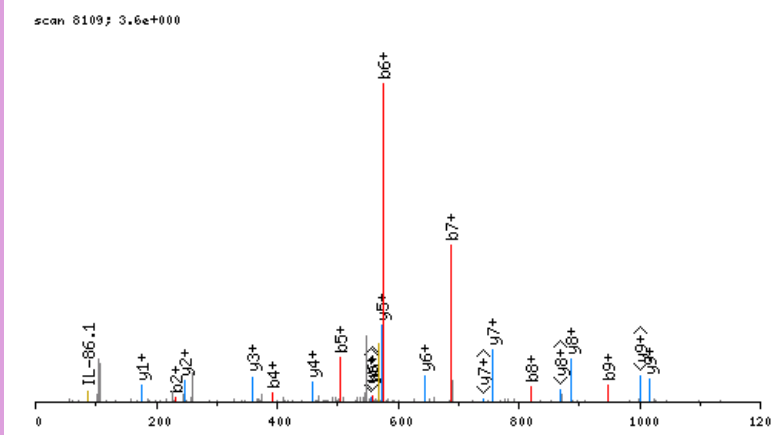
y + 2+ 3+

z + 2+ 3+

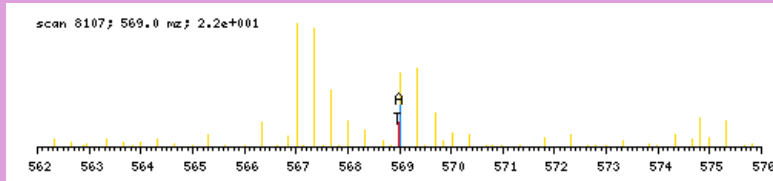
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 16		
233.1713	2	P 15	1569.8423	785.4251
320.2034	3	S 14	1472.7895	736.8987
391.2405	4	A 13	1385.7575	693.3827
504.3245	5	L 12	1314.7204	657.8641
575.3617	6	A 11	1201.6363	601.3221
688.4457	7	I 10	1130.5992	565.8035
819.4862	8	M 9	1017.5151	509.2615
948.5288	9	E 8	886.4747	443.7412
1062.5717	10	N 7	757.4321	379.2199
1133.6088	11	A 6	643.3891	322.1985
1247.6518	12	N 5	572.3520	286.6799
1346.7202	13	V 4	458.3091	229.6585
1459.8043	14	L 3	359.2407	180.1243
1530.8414	15	A 2	246.1566	123.5822
	16	R 1	175.1195	88.0637

N-term:+35.07

TPSVDHGFLVTR, MH+ 1356.7275, m/z 452.9140
 L OS G27 P150811 220811-s1.04464.04464.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

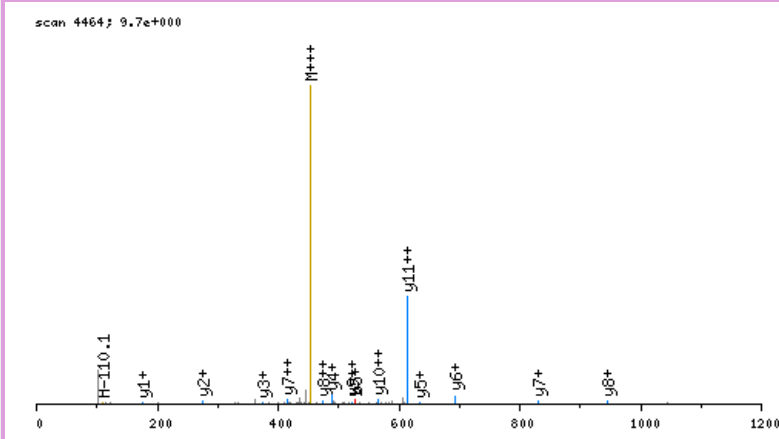
y + 2+ 3+

z + 2+ 3+

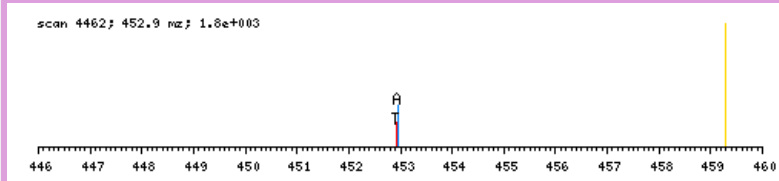
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 12		
227.1395	2	P 11	1227.6486	614.3282
314.1716	3	S 10	1130.5958	565.8018
413.2400	4	V 9	1043.5638	522.2858
528.2669	5	D 8	944.4954	472.7516
665.3258	6	H 7	829.4684	415.2381
722.3473	7	G 6	692.4095	346.7087
869.4157	8	F 5	635.3881	318.1979
982.4998	9	L 4	488.3197	244.6637
1081.5682	10	V 3	375.2356	188.1217
1182.6159	11	T 2	276.1672	138.5875
	12	R 1	175.1195	88.0637

N-term:+29.04

TPVSEHVTKCCSGSLVER, MH+ 2114.1009, m/z 529.2807
 H OS G28 P150811 220811-s1.02894.02894.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

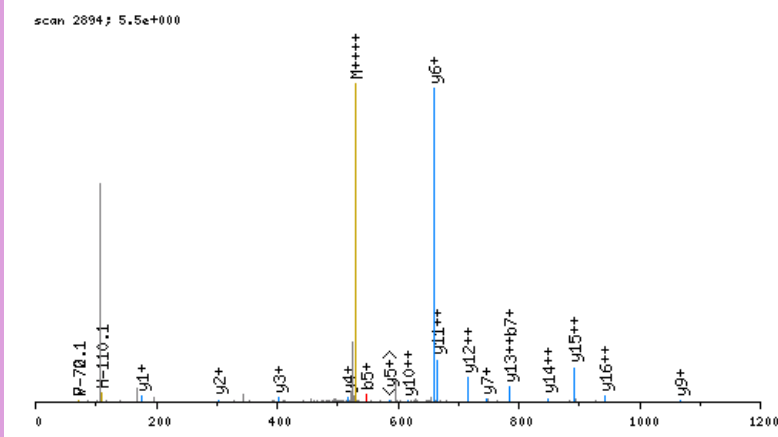
y + 2+ 3+

z + 2+ 3+

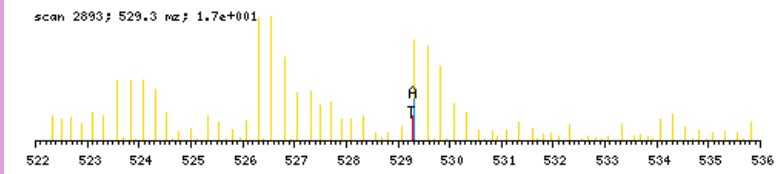
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
136.1186	1	T	18		
233.1713	2	P	17	1978.9902	989.9990
332.2398	3	V	16	1881.9374	941.4726
419.2718	4	S	15	1782.8690	891.9384
548.3144	5	E	14	1695.8370	848.4224
685.3733	6	H	13	1566.7944	783.9011
784.4417	7	V	12	1429.7355	715.3717
885.4894	8	T	11	1330.6671	665.8374
1047.6475	9	K	10	1229.6194	615.3136
1207.6781	10	C	9	1067.4613	534.2346
1367.7087	11	C	8	907.4307	454.2193
1454.7407	12	S	7	747.4001	374.2040
1511.7622	13	G	6	660.3681	330.6879
1598.7942	14	S	5	603.3466	302.1772
1711.8783	15	L	4	516.3146	258.6612
1810.9467	16	V	3	403.2305	202.1192
1939.9893	17	E	2	304.1621	152.5850
	18	R	1	175.1195	88.0637

N-term:+35.07 K(9):+162.16
 C(10):+160.03 C(11):+160.03

TQKAPQVSTPTLVEAAR, MH+ 1853.0496, m/z 618.3547
 L OS G26 P150811 220811-s1.03144.03144.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

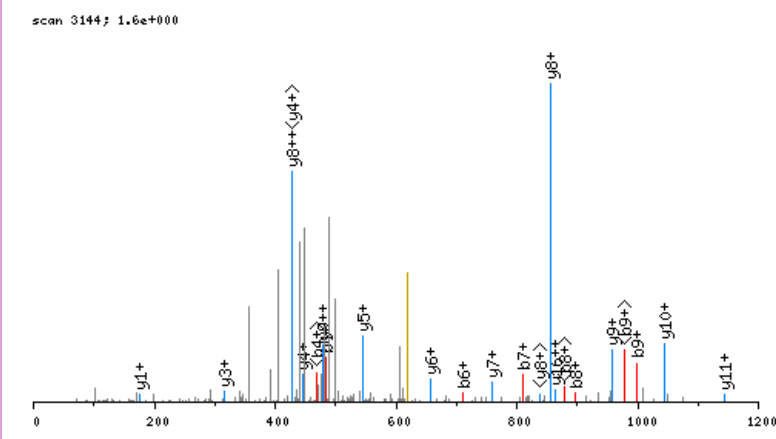
y + 2+ 3+

z + 2+ 3+

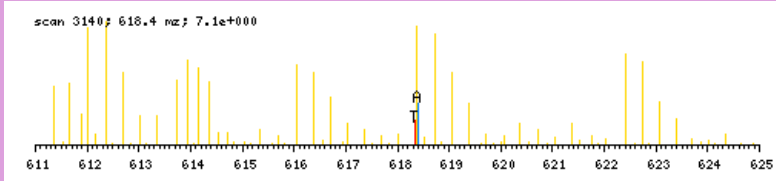
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



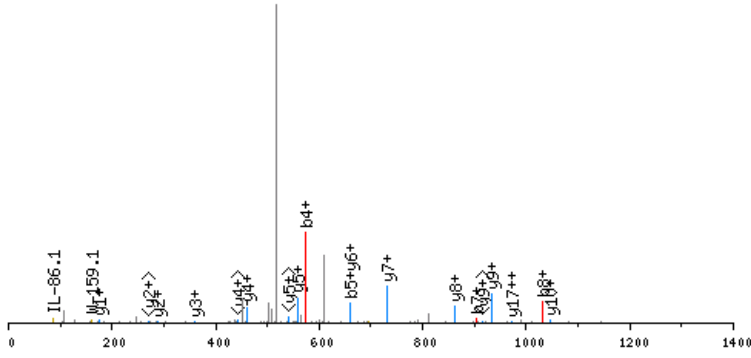
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 17		
258.1454	2	Q 16	1723.9707	862.4893
414.2717	3	K 15	1595.9121	798.4600
485.3088	4	A 14	1439.7858	720.3968
582.3615	5	P 13	1368.7487	684.8783
710.4201	6	Q 12	1271.6959	636.3519
809.4885	7	V 11	1143.6374	572.3226
896.5206	8	S 10	1044.5689	522.7884
997.5682	9	T 9	957.5369	479.2724
1094.6210	10	P 8	856.4892	428.7485
1195.6687	11	T 7	759.4365	380.2222
1308.7527	12	L 6	658.3888	329.6983
1407.8212	13	V 5	545.3047	273.1563
1536.8637	14	E 4	446.2363	223.6221
1607.9009	15	A 3	317.1937	159.1008
1678.9380	16	A 2	246.1566	123.5822
	17	R 1	175.1195	88.0637

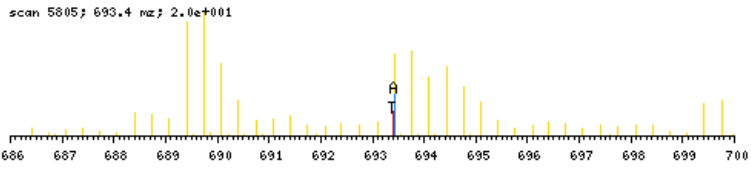
N-term:+29.04 K(3):+156.13

TQKFSNEEIAMATVTALR, MH+ 2078.1592, m/z 693.3913
 H OS G26 P150811 220811-s1.05808.05808.3.dta

scan 5808; 8.1e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
136.1186	1	T	18		
264.1772	2	Q	17	1943.0485	972.0281
426.3353	3	K	16	1814.9899	907.9989
573.4037	4	F	15	1652.8318	826.9198
660.4357	5	S	14	1505.7634	753.3856
774.4786	6	N	13	1418.7313	709.8696
903.5212	7	E	12	1304.6884	652.8481
1032.5638	8	E	11	1175.6458	588.3268
1145.6479	9	I	10	1046.6032	523.8055
1216.6850	10	A	9	933.5192	467.2635
1347.7255	11	M	8	862.4820	431.7449
1418.7626	12	A	7	731.4416	366.2247
1519.8103	13	T	6	660.4044	330.7061
1618.8787	14	V	5	559.3568	280.1823
1719.9264	15	T	4	460.2884	230.6481
1790.9635	16	A	3	359.2407	180.1243
1904.0475	17	L	2	288.2036	144.6057
	18	R	1	175.1195	88.0637

N-term:+35.07 K(3):+162.16

TQSSLPPDMYECLR, MH+ 1730.8305, m/z 577.6150
 H OS G25 P150811 220811-s1.06180.06180.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

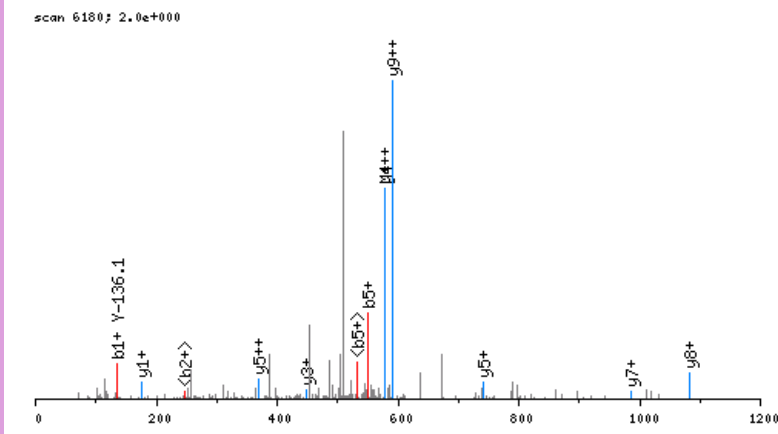
y + 2+ 3+

z + 2+ 3+

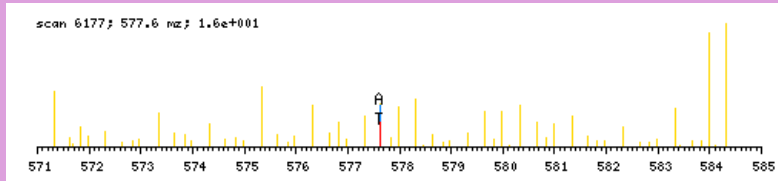
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



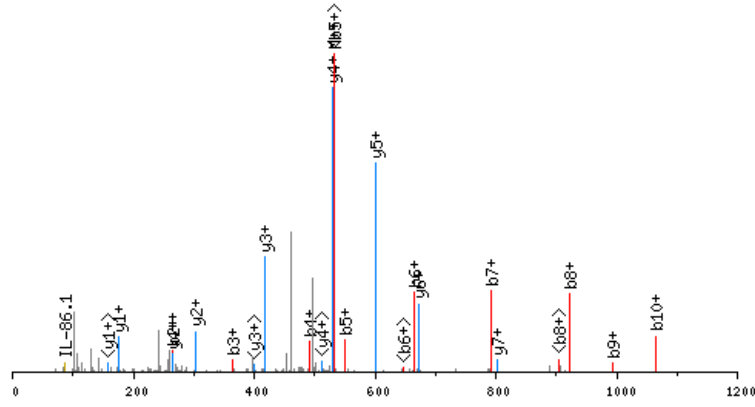
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 14		
264.1772	2	Q 13	1595.7197	798.3638
351.2092	3	S 12	1467.6612	734.3345
438.2412	4	S 11	1380.6291	690.8185
551.3253	5	L 10	1293.5971	647.3025
648.3780	6	P 9	1180.5130	590.7604
745.4308	7	P 8	1083.4603	542.2341
860.4577	8	D 7	986.4075	493.7077
991.4982	9	M 6	871.3806	436.1942
1154.5616	10	Y 5	740.3401	370.6740
1283.6042	11	E 4	577.2768	289.1423
1443.6348	12	C 3	448.2342	224.6210
1556.7188	13	L 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+35.07 C(12):+160.03

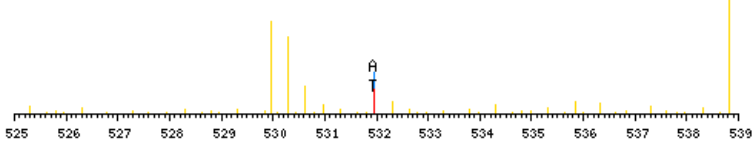
TQVEGDEEAALLER, MH+ 1593.8184, m/z 531.9443
 H OS G25 P150811 220811-s1.05291.05291.3.dta

scan 5291; 2.0e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5287; 531.9 m/z; 9.9e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
136.1186	1	T	14		
264.1772	2	Q	13	1458.7076	729.8577
363.2456	3	V	12	1330.6490	665.8284
492.2882	4	E	11	1231.5806	616.2942
549.3096	5	G	10	1102.5380	551.7729
664.3366	6	D	9	1045.5166	523.2622
793.3792	7	E	8	930.4896	465.7487
922.4218	8	E	7	801.4470	401.2274
993.4589	9	A	6	672.4044	336.7061
1064.4960	10	A	5	601.3673	301.1876
1177.5800	11	L	4	530.3302	265.6690
1290.6641	12	L	3	417.2462	209.1270
1419.7067	13	E	2	304.1621	152.5850
	14	R	1	175.1195	88.0637

N-term:+35.07

TQWREDEEEAAR, MH+ 1682.7834, m/z 561.5993
 H OS G27 P150811 220811-s1.02604.02604.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

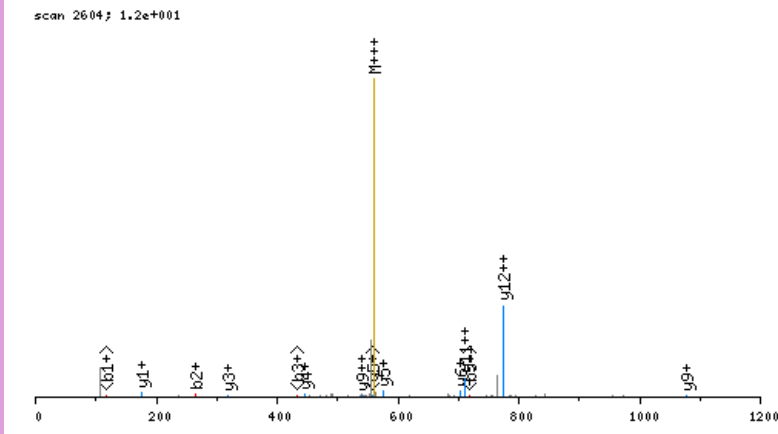
y + 2+ 3+

z + 2+ 3+

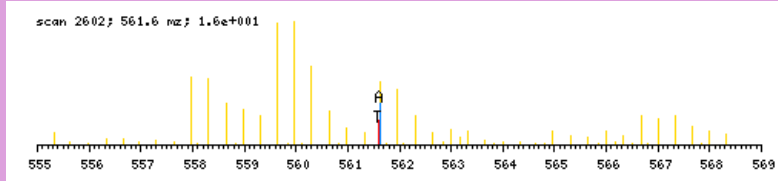
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T	13	
264.1772	2	Q	12	1547.6726
450.2565	3	W	11	1419.6141
606.3576	4	R	10	1233.5347
735.4002	5	E	9	1077.4336
864.4428	6	E	8	948.3910
979.4697	7	D	7	819.3485
1108.5123	8	E	6	704.3215
1237.5549	9	E	5	575.2789
1366.5975	10	E	4	446.2363
1437.6346	11	A	3	317.1937
1508.6717	12	A	2	246.1566
	13	R	1	175.1195

N-term:+35.07

TREAVTEILGIEPDR, MH+ 1726.9339, m/z 576.3162
 L OS G27 P150811 220811-s1.06376.06376.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

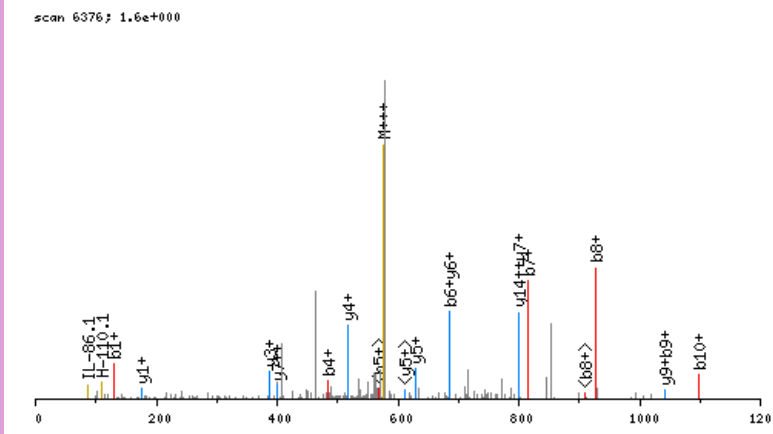
y + 2+ 3+

z + 2+ 3+

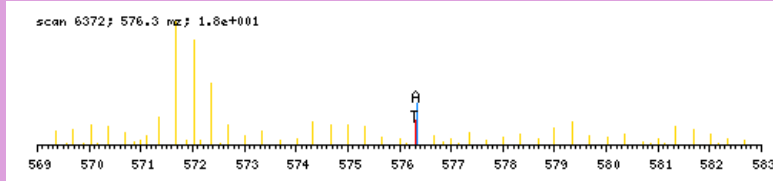
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 15		
286.1879	2	R 14	1597.8550	799.4314
415.2305	3	E 13	1441.7538	721.3808
486.2676	4	A 12	1312.7113	656.8595
585.3360	5	V 11	1241.6741	621.3410
686.3837	6	T 10	1142.6057	571.8068
815.4263	7	E 9	1041.5580	521.2829
928.5103	8	I 8	912.5155	456.7616
1041.5944	9	L 7	799.4314	400.2196
1098.6159	10	G 6	686.3473	343.6776
1211.6999	11	I 5	629.3259	315.1668
1340.7425	12	E 4	516.2418	258.6248
1437.7953	13	P 3	387.1992	194.1035
1552.8222	14	D 2	290.1464	145.5771
	15	R 1	175.1195	88.0637

N-term:+29.04

TRGTVTDFPGFDGR, MH+ 1553.7712, m/z 518.5953
 L OS G27 P150811 220811-s1.05135.05135.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

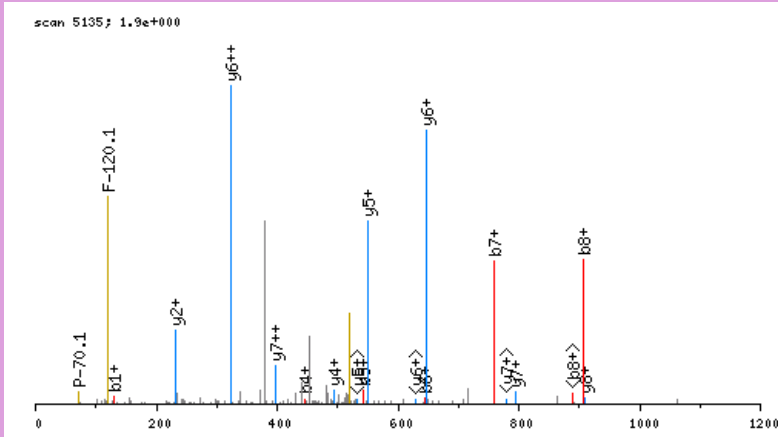
y + 2+ 3+

z + 2+ 3+

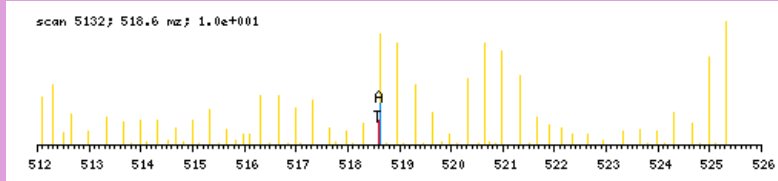
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 14		
286.1879	2	R 13	1424.6923	712.8500
343.2094	3	G 12	1268.5911	634.7995
444.2570	4	T 11	1211.5697	606.2888
543.3254	5	V 10	1110.5220	555.7649
644.3731	6	T 9	1011.4536	506.2307
759.4001	7	D 8	910.4059	455.7069
906.4685	8	F 7	795.3790	398.1934
1003.5212	9	P 6	648.3105	324.6592
1060.5427	10	G 5	551.2578	276.1328
1207.6111	11	F 4	494.2363	247.6221
1322.6381	12	D 3	347.1679	174.0879
1379.6595	13	G 2	232.1410	116.5744
	14	R 1	175.1195	88.0637

N-term:+29.04

TRKPVDPYEDCYLAR, MH+ 1982.0441, m/z 496.2665
 H OS G28 P150811 220811-s1.03922.03922.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

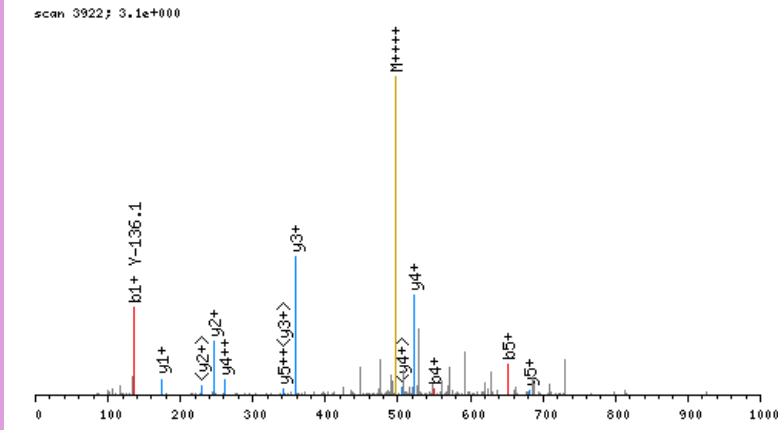
y + 2+ 3+

z + 2+ 3+

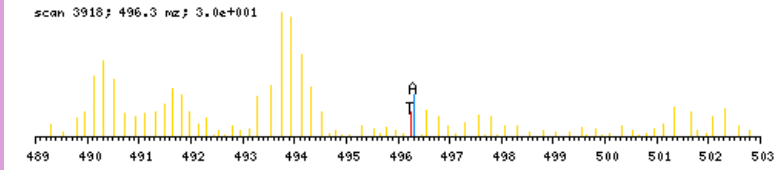
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



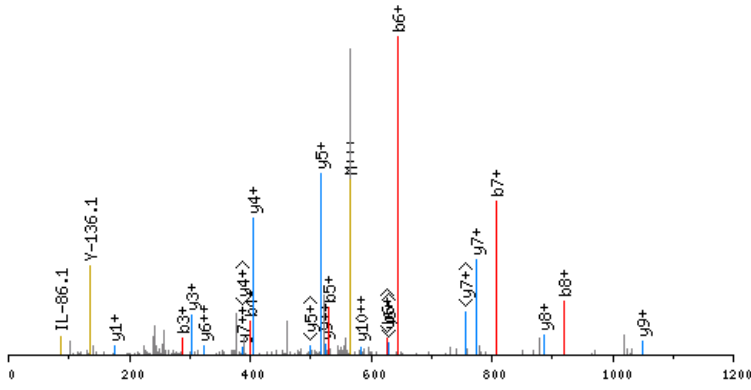
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
136.1186	1	T	15		
292.2197	2	R	14	1846.9334	923.9706
454.3778	3	K	13	1690.8323	845.9200
551.4306	4	P	12	1528.6742	764.8410
650.4990	5	V	11	1431.6214	716.3146
765.5259	6	D	10	1332.5530	666.7804
893.5845	7	Q	9	1217.5260	609.2669
1056.6478	8	Y	8	1089.4675	545.2376
1185.6904	9	E	7	926.4041	463.7060
1300.7174	10	D	6	797.3616	399.1847
1460.7480	11	C	5	682.3346	341.6712
1623.8113	12	Y	4	522.3040	261.6559
1736.8953	13	L	3	359.2407	180.1243
1807.9325	14	A	2	246.1566	123.5822
	15	R	1	175.1195	88.0637

N-term:+35.07 K(3):+162.16
 C(11):+160.03

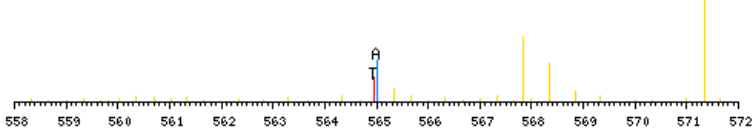
TSAIQDYLQQLTGAR, MH+ 1692.8920, m/z 564.9689
 L OS G25 P150811 220811-s1.08226.08226.3.dta

scan 8226; 1.8e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 8222; 565.0 m/z; 5.4e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	15		
217.1188	2	S	14	1563.8131	782.4105
288.1559	3	A	13	1476.7811	738.8944
401.2400	4	I	12	1405.7440	703.3759
529.2986	5	Q	11	1292.6599	646.8339
644.3255	6	D	10	1164.6013	582.8046
807.3888	7	Y	9	1049.5744	525.2911
920.4729	8	L	8	886.5110	443.7594
1048.5315	9	Q	7	773.4270	387.2174
1176.5901	10	Q	6	645.3684	323.1881
1289.6741	11	L	5	517.3098	259.1588
1390.7218	12	T	4	404.2258	202.6168
1447.7433	13	G	3	303.1781	152.0930
1518.7804	14	A	2	246.1566	123.5822
	15	R	1	175.1195	88.0637

N-term:+29.04

TSIAIDTIINQKR, MH+ 1528.9063, m/z 510.3069
 L OS G26 P150811 220811-s1.05002.05002.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

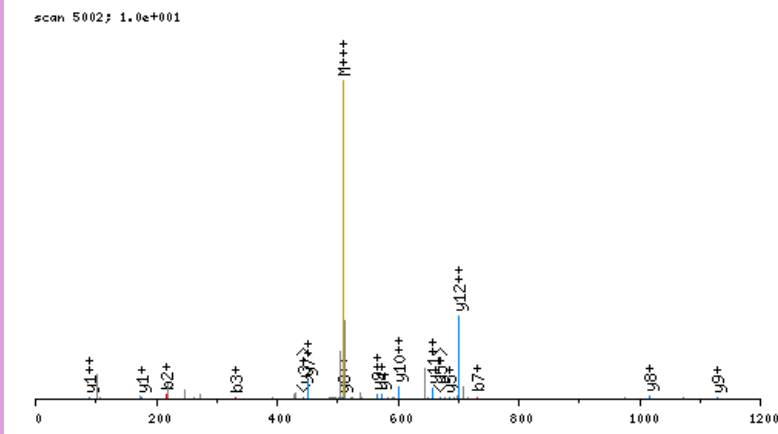
y + 2+ 3+

z + 2+ 3+

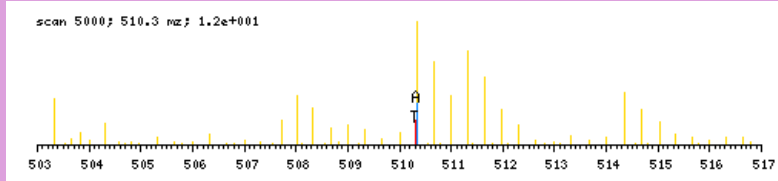
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



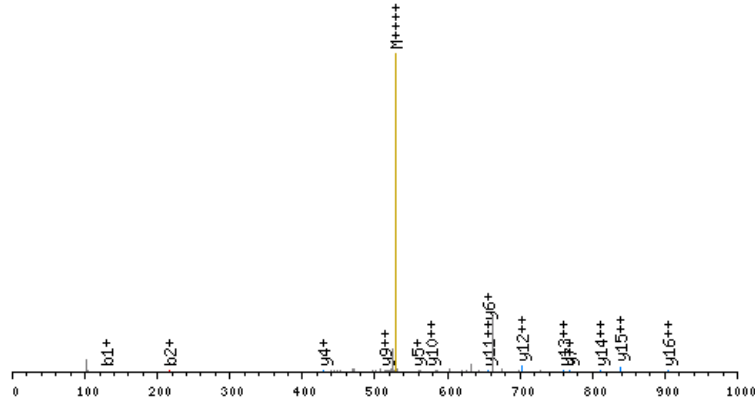
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 13		
217.1188	2	S 12	1399.8273	700.4176
330.2029	3	I 11	1312.7953	656.9016
401.2400	4	A 10	1199.7112	600.3595
514.3240	5	I 9	1128.6741	564.8410
629.3510	6	D 8	1015.5901	508.2989
730.3987	7	T 7	900.5631	450.7855
843.4827	8	I 6	799.5154	400.2616
956.5668	9	I 5	686.4314	343.7196
1070.6097	10	N 4	573.3473	287.1776
1198.6683	11	Q 3	459.3044	230.1561
1354.7946	12	K 2	331.2458	166.1268
	13	R 1	175.1195	88.0637

N-term:+29.04 K(12):+156.13

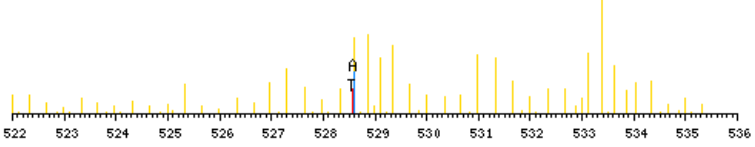
TSSMGLPKQVKIVEVGPR, MH+ 2111.2263, m/z 528.5620
 L OS G27 P150811 220811-s1.05274.05274.4.dta

scan 5274; 1.6e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5272; 528.6 m/z; 1.3e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

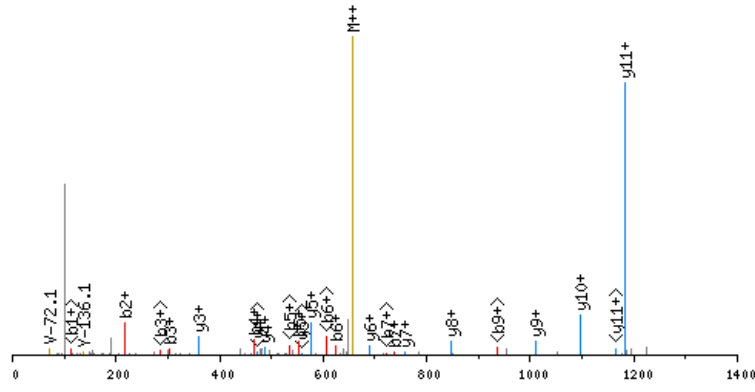
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	19		
217.1188	2	S	18	1982.1473	991.5776
304.1508	3	S	17	1895.1153	948.0616
435.1913	4	M	16	1808.0833	904.5455
492.2128	5	G	15	1677.0428	839.0253
593.2605	6	T	14	1620.0213	810.5146
706.3445	7	L	13	1518.9736	759.9907
803.3973	8	P	12	1405.8896	703.4487
959.5236	9	K	11	1308.8368	654.9223
1087.5822	10	Q	10	1152.7105	576.8592
1186.6506	11	V	9	1024.6519	512.8299
1342.7769	12	K	8	925.5835	463.2957
1455.8609	13	I	7	769.4572	385.2325
1554.9294	14	V	6	656.3731	328.6905
1683.9720	15	E	5	557.3047	279.1563
1783.0404	16	V	4	428.2621	214.6350
1840.0618	17	G	3	329.1937	165.1008
1937.1146	18	P	2	272.1723	136.5900
	19	R	1	175.1195	88.0637

N-term:+29.04 K(9):+156.13
 K(12):+156.13

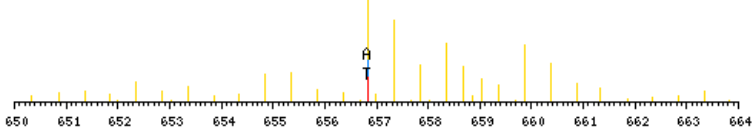
TSSYSALSEPSR, MH+ 1312.6385, m/z 656.8229
 L OS G25 P150811 220811-s1.02963.02963.2.dta

scan 2963; 4.2e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2962; 656.8 m/z; 2.2e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

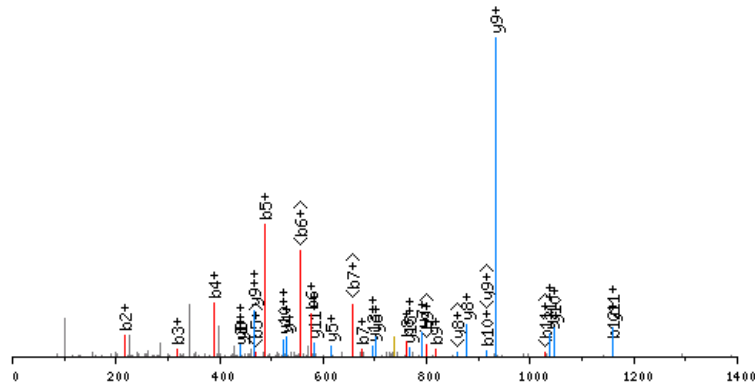
GO

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T	12	
217.1188	2	S	11	1183.5595
304.1508	3	S	10	1096.5275
467.2142	4	Y	9	1009.4954
554.2462	5	S	8	846.4321
625.2833	6	A	7	759.4001
738.3674	7	L	6	688.3630
825.3994	8	S	5	575.2789
954.4420	9	E	4	488.2469
1051.4948	10	P	3	359.2043
1138.5268	11	S	2	262.1515
	12	R	1	175.1195

N-term:+29.04

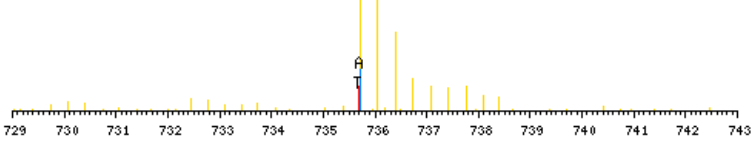
TSTAVSVSGPEDIGSSSSSSHER, MH+ 2205.0271, m/z 735.6806
 L OS G26 P150811 220811-s1.02921.02921.3.dta

scan 2921; 3.1e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 2920; 735.7 mz; 7.8e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 22		
217.1188	2	S 21	2075.9481	1038.4780
318.1665	3	T 20	1988.9161	994.9620
389.2036	4	A 19	1887.8684	944.4381
488.2720	5	V 18	1816.8313	908.9196
575.3040	6	S 17	1717.7629	859.3854
674.3725	7	V 16	1630.7309	815.8694
761.4045	8	S 15	1531.6625	766.3351
818.4259	9	G 14	1444.6304	722.8191
915.4787	10	P 13	1387.6090	694.3084
1044.5213	11	E 12	1290.5562	645.7820
1159.5482	12	D 11	1161.5136	581.2607
1272.6323	13	I 10	1046.4867	523.7473
1329.6538	14	G 9	933.4026	467.2052
1416.6858	15	S 8	876.3811	438.6945
1503.7178	16	S 7	789.3491	395.1785
1590.7499	17	S 6	702.3171	351.6625
1677.7819	18	S 5	615.2851	308.1464
1764.8139	19	S 4	528.2530	264.6304
1901.8728	20	H 3	441.2210	221.1144
2030.9154	21	E 2	304.1621	152.5850
	22	R 1	175.1195	88.0637

N-term:+29.04

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

TSVATKKTEQGPPSSEYIFER, MH+ 2457.3726, m/z 615.0986
 H OS G27 P150811 220811-s1.04278.04278.4.dta

X-range:

0 - 0

MassTol: Y-zoom:

0. 1.

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

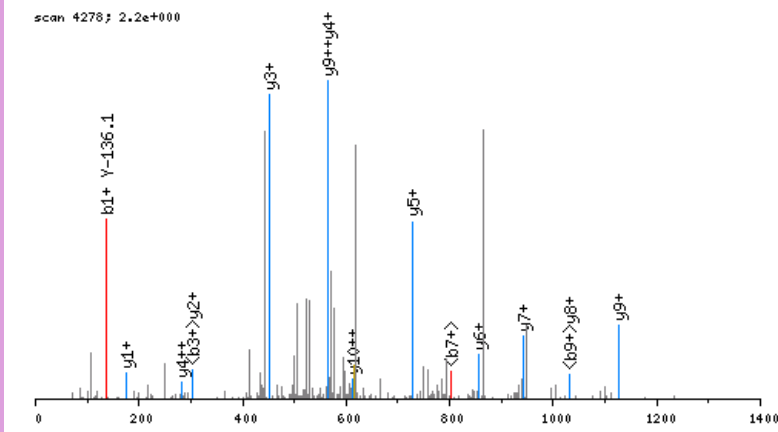
y + 2+ 3+

z + 2+ 3+

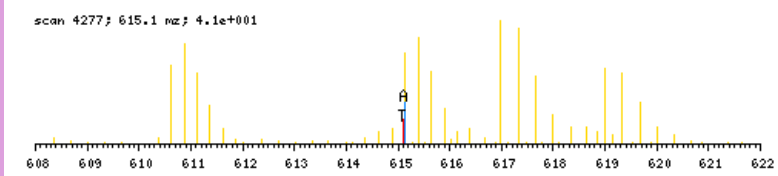
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 21		
223.1506	2	S 20	2322.2618	1161.6348
322.2190	3	V 19	2235.2298	1118.1188
393.2561	4	A 18	2136.1614	1068.5846
494.3038	5	T 17	2065.1243	1033.0660
656.4619	6	K 16	1964.0766	982.5422
818.6200	7	K 15	1801.9185	901.4632
919.6677	8	T 14	1639.7604	820.3841
1048.7103	9	E 13	1538.7127	769.8603
1176.7689	10	Q 12	1409.6701	705.3390
1233.7903	11	G 11	1281.6115	641.3097
1330.8431	12	P 10	1224.5901	612.7990
1427.8959	13	P 9	1127.5373	564.2726
1514.9279	14	S 8	1030.4846	515.7462
1601.9599	15	S 7	943.4525	472.2302
1731.0025	16	E 6	856.4205	428.7142
1894.0658	17	Y 5	727.3779	364.1929
2007.1499	18	I 4	564.3146	282.6612
2154.2183	19	F 3	451.2305	226.1192
2283.2609	20	E 2	304.1621	152.5850
	21	R 1	175.1195	88.0637

N-term:+35.07 K(6):+162.16
 K(7):+162.16

TSYLPSQVTEMFNQGR, MH+ 1891.9436, m/z 631.3194
 H OS G25 P150811 220811-s1.08050.08050.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

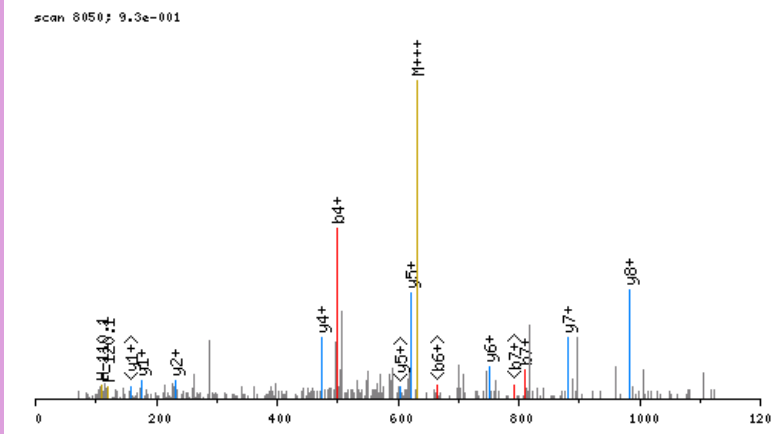
y + 2+ 3+

z + 2+ 3+

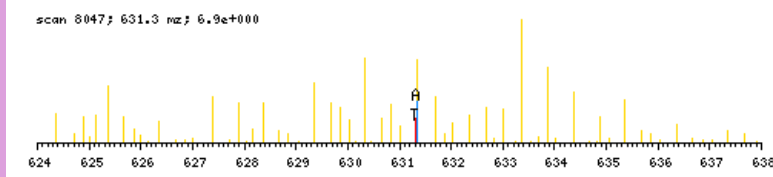
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 16		
223.1506	2	S 15	1756.8328	878.9203
386.2139	3	Y 14	1669.8008	835.4043
499.2980	4	L 13	1506.7375	753.8727
596.3508	5	P 12	1393.6534	697.3306
683.3828	6	S 11	1296.6007	648.8042
811.4414	7	Q 10	1209.5686	605.2882
910.5098	8	V 9	1081.5101	541.2589
1011.5575	9	T 8	982.4416	491.7247
1140.6001	10	E 7	881.3940	441.2009
1271.6405	11	M 6	752.3514	376.6796
1418.7090	12	F 5	621.3109	311.1594
1532.7519	13	N 4	474.2425	237.6251
1660.8105	14	Q 3	360.1995	180.6037
1717.8319	15	G 2	232.1410	116.5744
	16	R 1	175.1195	88.0637

N-term:+35.07

TTAAPKAGPMVR, MH+ 1312.7411, m/z 438.2519
 L OS G26 P150811 220811-s1.02172.02172.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

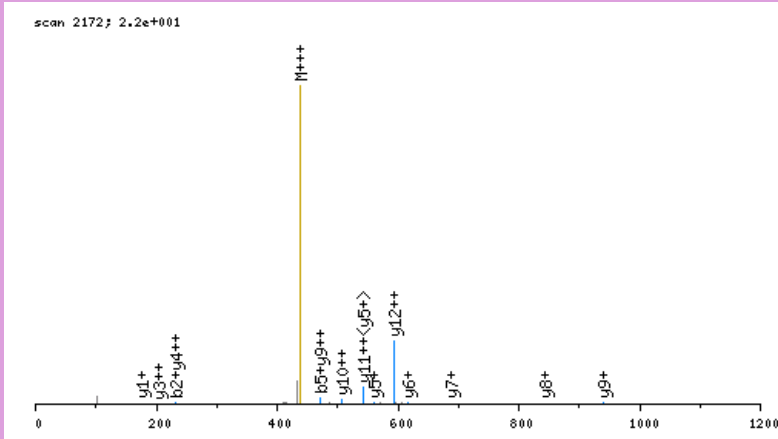
y + 2+ 3+

z + 2+ 3+

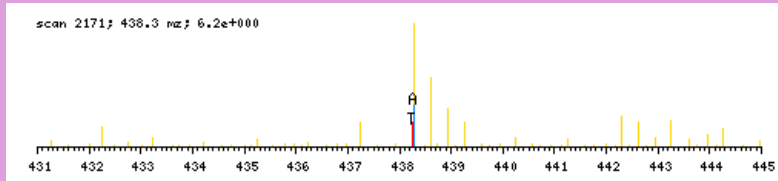
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 13		
231.1345	2	T 12	1183.6622	592.3350
302.1716	3	A 11	1082.6145	541.8112
373.2087	4	A 10	1011.5774	506.2926
470.2614	5	P 9	940.5403	470.7740
626.3877	6	K 8	843.4875	422.2477
697.4249	7	A 7	687.3612	344.1845
754.4463	8	G 6	616.3241	308.6660
851.4991	9	P 5	559.3026	280.1552
908.5206	10	G 4	462.2499	231.6288
1039.5610	11	M 3	405.2284	203.1181
1138.6295	12	V 2	274.1879	137.5979
	13	R 1	175.1195	88.0637

N-term:+29.04 K(6):+156.13

TTCPPLAGGQEKLR, MH+ 1685.9008, m/z 562.6385
 L OS G26 P150811 220811-s1.02619.02619.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

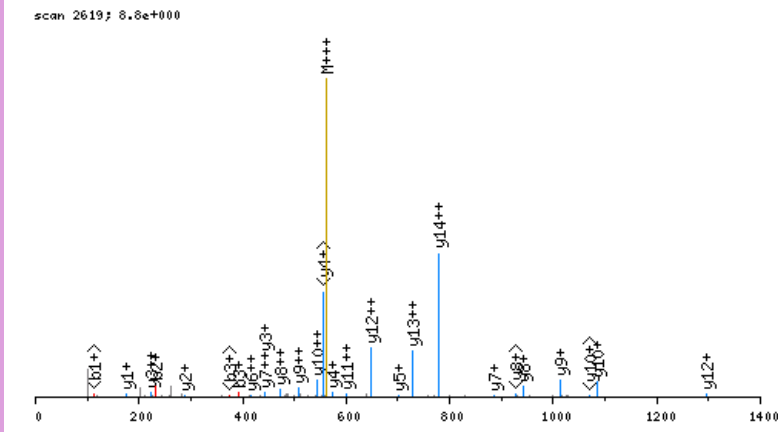
y + 2+ 3+

z + 2+ 3+

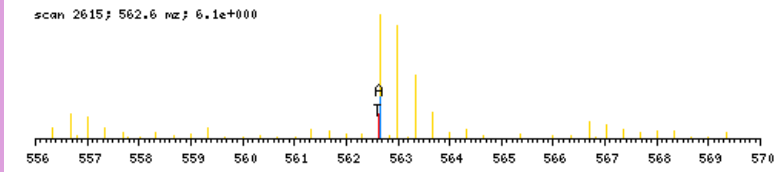
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T	15	
231.1345	2	T	14	1556.8219
391.1651	3	C	13	1455.7742
488.2178	4	P	12	1295.7436
601.3019	5	L	11	1198.6908
672.3390	6	A	10	1085.6068
743.3761	7	A	9	1014.5697
800.3976	8	G	8	943.5325
857.4190	9	G	7	886.5111
985.4776	10	Q	6	829.4896
1113.5362	11	Q	5	701.4310
1242.5788	12	E	4	573.3725
1398.7051	13	K	3	444.3299
1511.7892	14	L	2	288.2036
	15	R	1	175.1195

N-term:+29.04 C(3):+160.03
 K(13):+156.13

TTDEKFFVEGVYR, MH+ 1511.8382, m/z 504.6176
 H OS G27 P150811 220811-s1.04224.04224.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

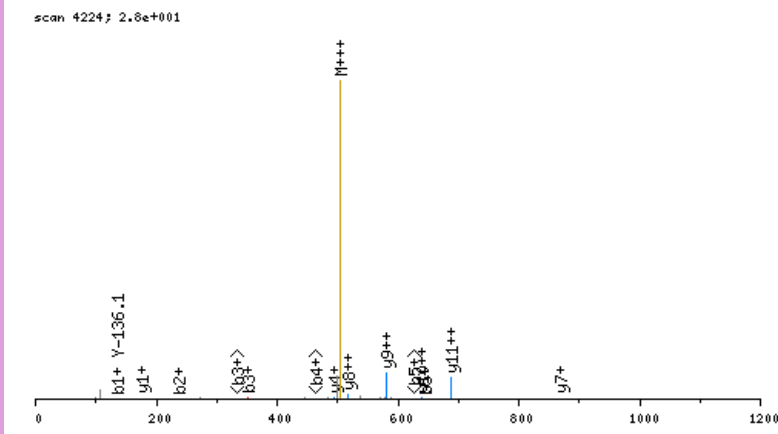
y + 2+ 3+

z + 2+ 3+

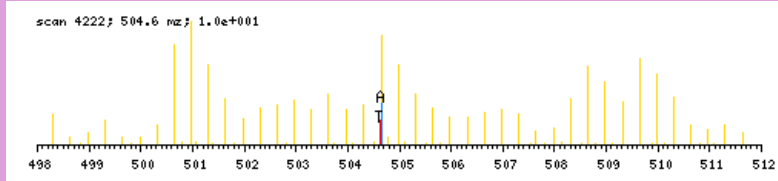
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



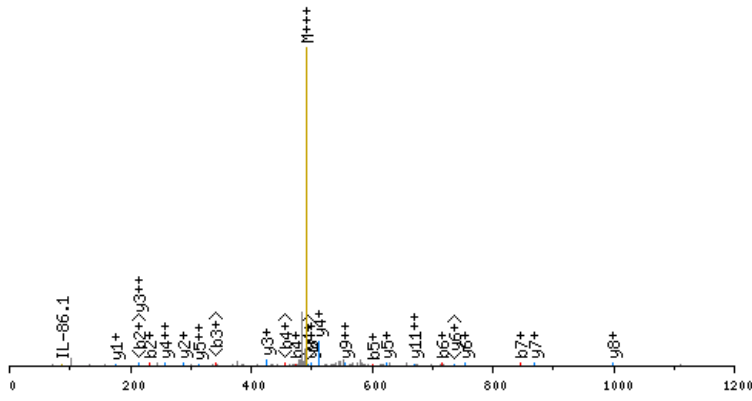
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 12		
237.1663	2	T 11	1376.7274	688.8676
352.1932	3	D 10	1275.6798	638.3438
481.2358	4	E 9	1160.6528	580.8303
643.3939	5	K 8	1031.6102	516.3090
790.4623	6	F 7	869.4521	435.2300
889.5307	7	V 6	722.3837	361.6958
1018.5733	8	E 5	623.3153	312.1616
1075.5948	9	G 4	494.2727	247.6403
1174.6632	10	V 3	437.2512	219.1295
1337.7265	11	Y 2	338.1828	169.5953
	12	R 1	175.1195	88.0637

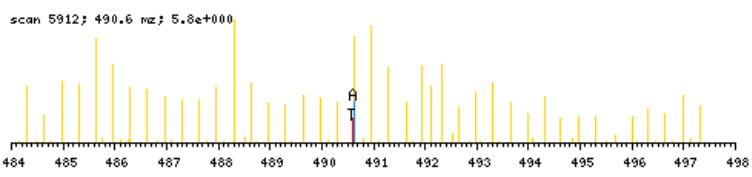
N-term:+35.07 K(5):+162.16

TTELQDELSHLR, MH+ 1469.7600, m/z 490.5915
 L OS G27 P150811 220811-s1.05914.05914.3.dta

scan 5914; 8.1e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 12		
231.1345	2	T 11	1340.6810	670.8444
360.1771	3	E 10	1239.6333	620.3206
473.2611	4	L 9	1110.5907	555.7993
601.3197	5	Q 8	997.5067	499.2573
716.3466	6	D 7	869.4481	435.2280
845.3892	7	E 6	754.4212	377.7145
958.4733	8	L 5	625.3786	313.1932
1045.5053	9	S 4	512.2945	256.6512
1182.5642	10	H 3	425.2625	213.1352
1295.6483	11	L 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+29.04

TTFMGHYLHEVAR, MH+ 1595.8216, m/z 399.7109
 H OS G28 P150811 220811-s1.05332.05332.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

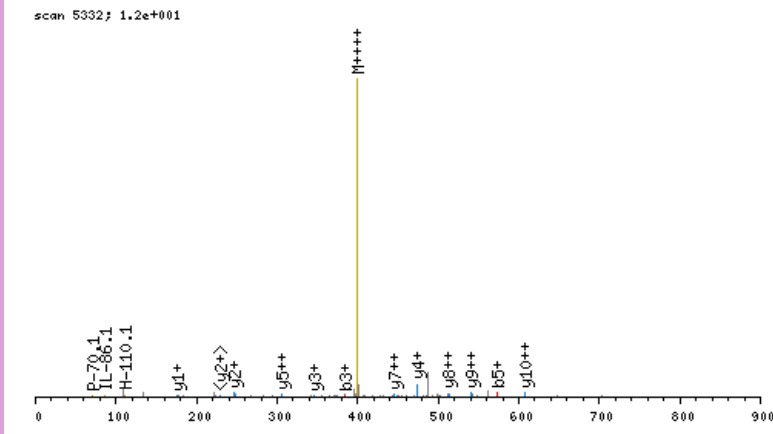
y + 2+ 3+

z + 2+ 3+

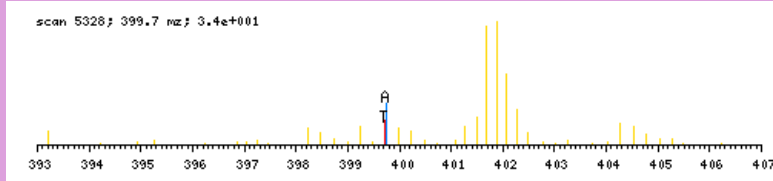
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



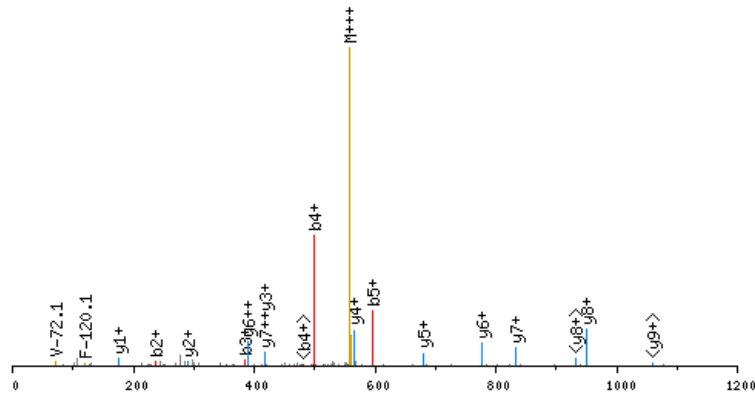
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 13		
237.1663	2	T 12	1460.7109	730.8594
384.2347	3	F 11	1359.6632	680.3355
515.2752	4	M 10	1212.5948	606.8013
572.2966	5	G 9	1081.5543	541.2811
709.3555	6	H 8	1024.5328	512.7703
872.4189	7	Y 7	887.4739	444.2409
985.5029	8	L 6	724.4106	362.7092
1122.5618	9	H 5	611.3265	306.1672
1251.6044	10	E 4	474.2676	237.6377
1350.6728	11	V 3	345.2250	173.1164
1421.7100	12	A 2	246.1566	123.5822
	13	R 1	175.1195	88.0637

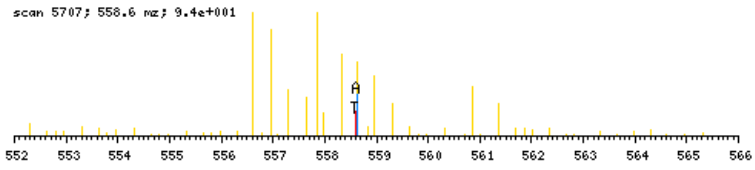
N-term:+35.07

TTFNVQDGPDPQDR, MH+ 1673.7983, m/z 558.6043
 H OS G25 P150811 220811-s1.05708.05708.3.dta

scan 5708; 1.6e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
136.1186	1	T	14		
237.1663	2	T	13	1538.6876	769.8477
384.2347	3	F	12	1437.6399	719.3239
498.2776	4	N	11	1290.5715	645.7896
597.3460	5	V	10	1176.5285	588.7682
725.4046	6	Q	9	1077.4601	539.2340
840.4315	7	D	8	949.4015	475.2047
897.4530	8	G	7	834.3746	417.6912
994.5058	9	P	6	777.3531	389.1805
1109.5327	10	D	5	680.3004	340.6541
1256.6011	11	F	4	565.2734	283.1406
1384.6597	12	Q	3	418.2050	209.6064
1499.6866	13	D	2	290.1464	145.5771
	14	R	1	175.1195	88.0637

N-term:+35.07

TTIAGLVFR, MH+ 1011.6415, m/z 506.3244
 H OS G25 P150811 220811-s1.07329.07329.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

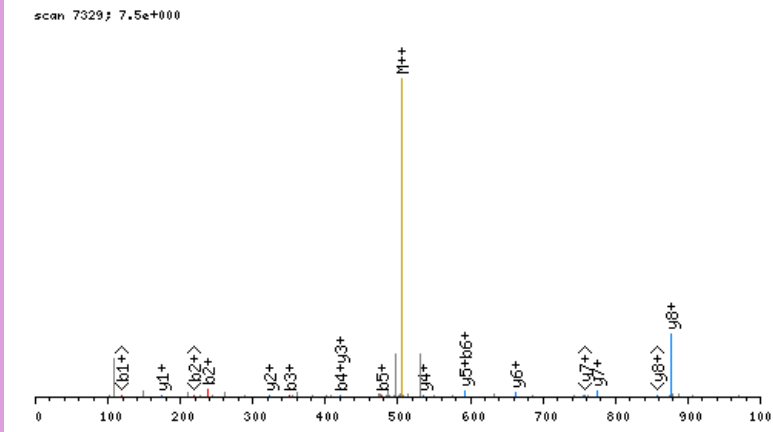
y + 2+ 3+

z + 2+ 3+

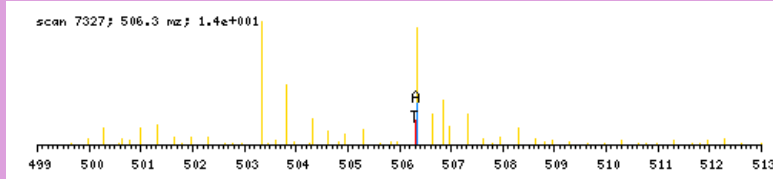
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 9		
237.1663	2	T 8	876.5307	438.7693
350.2503	3	I 7	775.4830	388.2454
421.2874	4	A 6	662.3990	331.7034
478.3089	5	G 5	591.3619	296.1848
591.3930	6	L 4	534.3404	267.6741
690.4614	7	V 3	421.2563	211.1321
837.5298	8	F 2	322.1879	161.5979
	9	R 1	175.1195	88.0637

N-term:+35.07

TTIAGVVYKDGIVLGADTR, MH+ 2005.1334, m/z 669.0493
 L OS G26 P150811 220811-s1.05961.05961.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

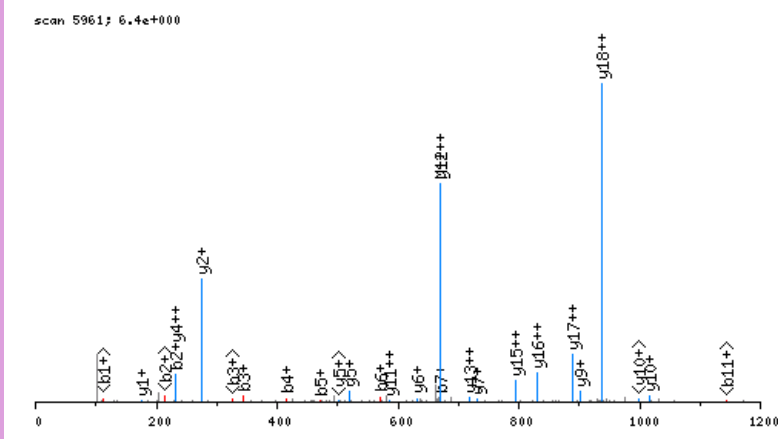
y + 2+ 3+

z + 2+ 3+

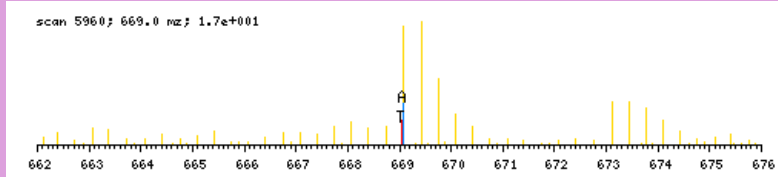
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	19		
231.1345	2	T	18	1876.0544	938.5311
344.2185	3	I	17	1775.0067	888.0073
415.2556	4	A	16	1661.9227	831.4653
472.2771	5	G	15	1590.8856	795.9467
571.3455	6	V	14	1533.8641	767.4360
670.4139	7	V	13	1434.7957	717.9018
833.4773	8	Y	12	1335.7273	668.3676
989.6036	9	K	11	1172.6639	586.8359
1104.6305	10	D	10	1016.5376	508.7727
1161.6520	11	G	9	901.5107	451.2593
1274.7360	12	I	8	844.4892	422.7485
1373.8044	13	V	7	731.4052	366.2065
1486.8885	14	L	6	632.3368	316.6723
1543.9100	15	G	5	519.2527	260.1303
1614.9471	16	A	4	462.2312	231.6195
1729.9740	17	D	3	391.1941	196.1010
1831.0217	18	T	2	276.1672	138.5875
	19	R	1	175.1195	88.0637

N-term:+29.04 K(9):+156.13

TTIFEVLPEKADR, MH+ 1586.9430, m/z 529.6525
 H OS G26 P150811 220811-s1.05697.05697.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

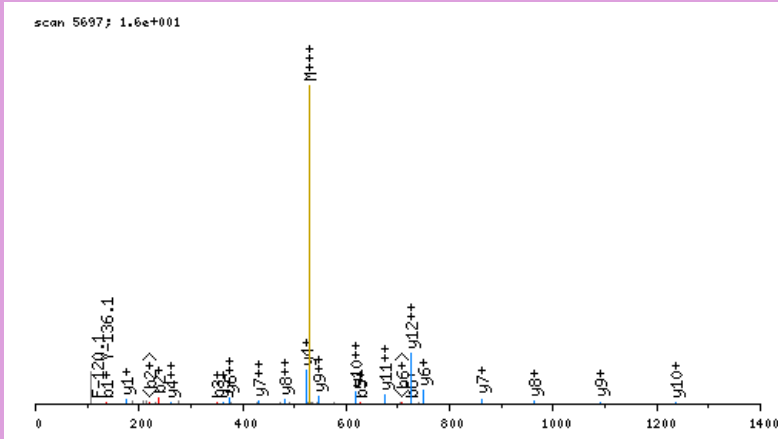
y + 2+ 3+

z + 2+ 3+

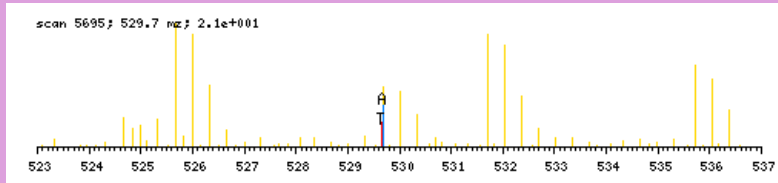
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T	13	
237.1663	2	T	12	1451.8322
350.2503	3	I	11	1350.7846
497.3187	4	F	10	1237.7005
626.3613	5	E	9	1090.6321
725.4297	6	V	8	961.5895
838.5138	7	L	7	862.5211
935.5666	8	P	6	749.4370
1064.6092	9	E	5	652.3843
1226.7673	10	K	4	523.3417
1297.8044	11	A	3	361.1836
1412.8313	12	D	2	290.1464
	13	R	1	175.1195

N-term:+35.07 K(10):+162.16

TTMYPGIADR, MH+ 1158.6041, m/z 579.8057
 H OS G25 P150811 220811-s1.04191.04191.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

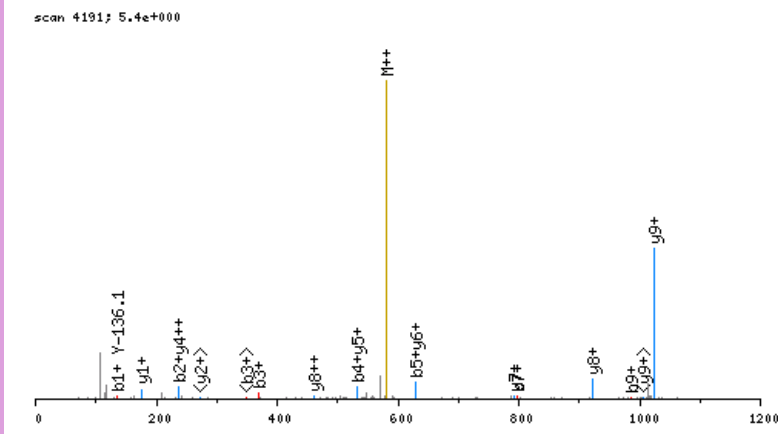
y + 2+ 3+

z + 2+ 3+

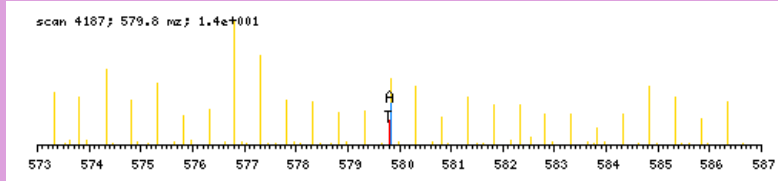
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



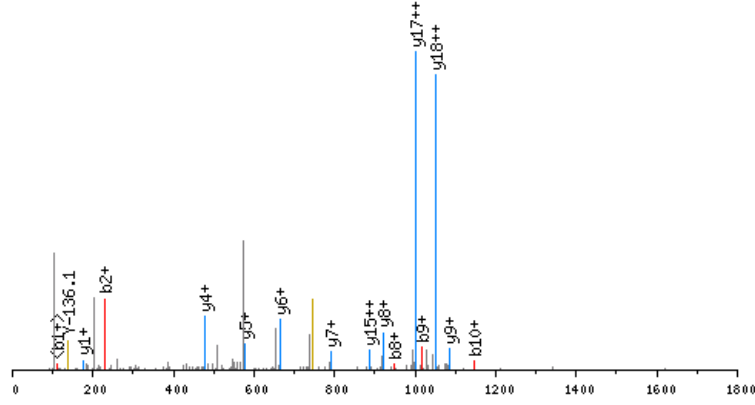
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
136.1186	1	T	10		
237.1663	2	T	9	1023.4933	512.2506
368.2067	3	M	8	922.4457	461.7267
531.2701	4	Y	7	791.4052	396.2065
628.3228	5	P	6	628.3418	314.6748
685.3443	6	G	5	531.2891	266.1485
798.4284	7	I	4	474.2676	237.6377
869.4655	8	A	3	361.1836	181.0957
984.4924	9	D	2	290.1464	145.5771
	10	R	1	175.1195	88.0637

N-term:+35.07

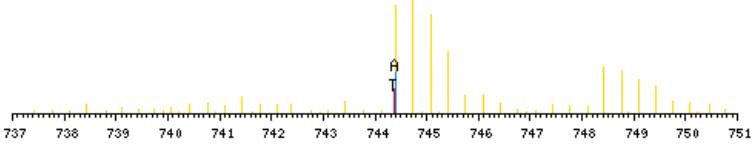
TTPEKYLGAEYMQSVGNMR, MH+ 2231.0841, m/z 744.3662
 L OS G26 P150811 220811-s1.05399.05399.3.dta

scan 5399; 2.7e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 5395; 744.4 m/z; 1.0e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a 2+ 3+

b 2+ 3+

c 2+ 3+

x 2+ 3+

y 2+ 3+

z 2+ 3+

hide H₂O/NH₃

zoom 112-122

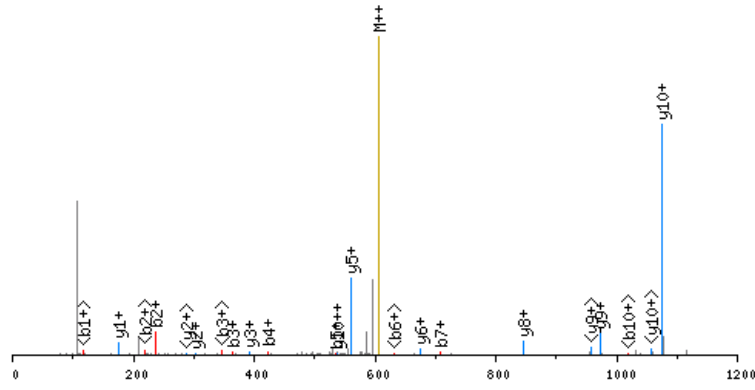
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	19		
231.1345	2	T	18	2102.0051	1051.5065
328.1872	3	P	17	2000.9574	1000.9826
457.2298	4	E	16	1903.9047	952.4562
613.3561	5	K	15	1774.8621	887.9349
776.4194	6	Y	14	1618.7358	809.8718
889.5035	7	L	13	1455.6724	728.3401
946.5250	8	G	12	1342.5884	671.7981
1017.5621	9	A	11	1285.5669	643.2874
1146.6047	10	E	10	1214.5298	607.7688
1309.6680	11	Y	9	1085.4872	543.2475
1440.7085	12	M	8	922.4239	461.7159
1568.7671	13	Q	7	791.3834	396.1956
1655.7991	14	S	6	663.3248	332.1663
1754.8675	15	V	5	576.2928	288.6503
1811.8890	16	G	4	477.2244	239.1161
1925.9319	17	N	3	420.2029	210.6054
2056.9724	18	M	2	306.1600	153.5839
	19	R	1	175.1195	88.0637

N-term:+29.04 K(5):+156.13

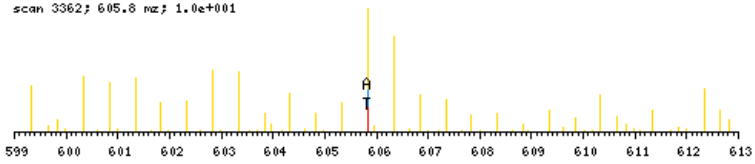
TTQGLDGLSER, MH+ 1210.6491, m/z 605.8282
 H OS G25 P150811 220811-s1.03365.03365.2.dta

scan 3365; 4.0e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 3362; 605.8 m/z; 1.0e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 11		
237.1663	2	T 10	1075.5384	538.2731
365.2248	3	Q 9	974.4907	487.7493
422.2463	4	G 8	846.4321	423.7200
535.3304	5	L 7	789.4107	395.2092
650.3573	6	D 6	676.3266	338.6672
707.3788	7	G 5	561.2997	281.1537
820.4628	8	L 4	504.2782	252.6430
907.4949	9	S 3	391.1941	196.1010
1036.5375	10	E 2	304.1621	152.5850
	11	R 1	175.1195	88.0637

N-term:+35.07

TTSGGHPLEFLR, MH+ 1342.7119, m/z 448.2422
 L OS G27 P150811 220811-s1.04769.04769.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

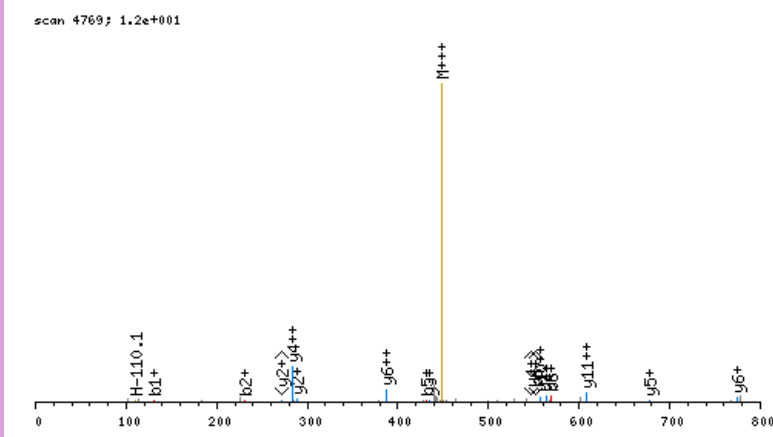
y + 2+ 3+

z + 2+ 3+

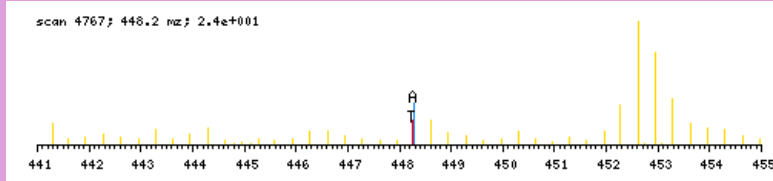
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 12		
231.1345	2	T 11	1213.6329	607.3204
318.1665	3	S 10	1112.5853	556.7965
375.1879	4	G 9	1025.5532	513.2805
432.2094	5	G 8	968.5318	484.7698
569.2683	6	H 7	911.5103	456.2591
666.3211	7	P 6	774.4514	387.7296
779.4052	8	L 5	677.3986	339.2032
908.4477	9	E 4	564.3146	282.6612
1055.5162	10	F 3	435.2720	218.1399
1168.6002	11	L 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+29.04

TTTSGGHPLLEFLR, MH+ 1443.7596, m/z 481.9247
 L OS G27 P150811 220811-s1.04846.04846.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

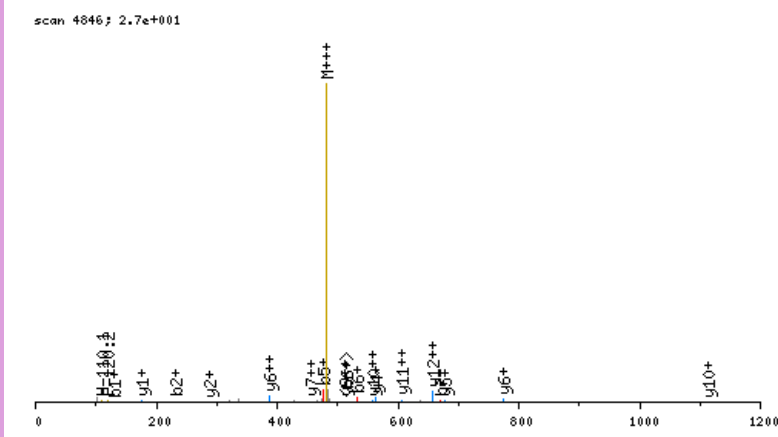
y + 2+ 3+

z + 2+ 3+

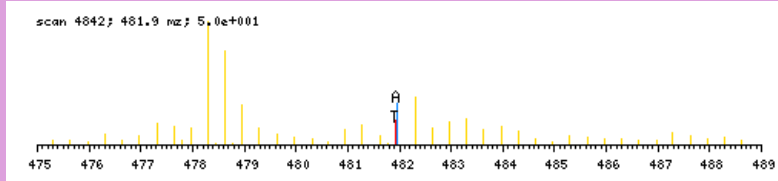
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



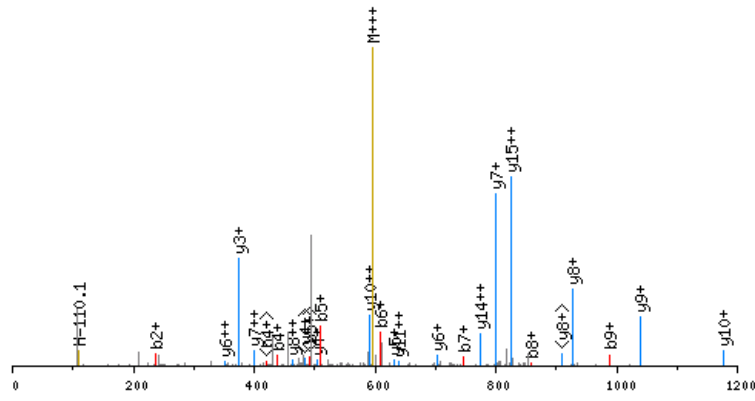
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 13		
231.1345	2	T 12	1314.6806	657.8442
332.1821	3	T 11	1213.6329	607.3204
419.2142	4	S 10	1112.5853	556.7965
476.2356	5	G 9	1025.5532	513.2805
533.2571	6	G 8	968.5318	484.7698
670.3160	7	H 7	911.5103	456.2591
767.3688	8	P 6	774.4514	387.7296
880.4528	9	L 5	677.3986	339.2032
1009.4954	10	E 4	564.3146	282.6612
1156.5638	11	F 3	435.2720	218.1399
1269.6479	12	L 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+29.04

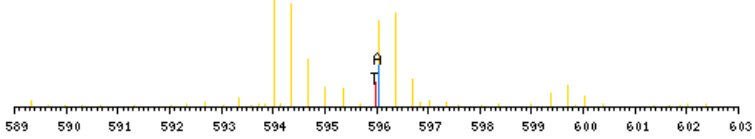
TTTTAVHIQPAQEQAR, MH+ 1785.9671, m/z 595.9939
 H OS G26 P150811 220811-s1.02407.02407.3.dta

scan 2407; 3.0e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2405; 596.0 m/z; 4.4e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 16		
237.1663	2	T 15	1650.8564	825.9321
338.2139	3	T 14	1549.8087	775.4083
439.2616	4	T 13	1448.7610	724.8844
510.2987	5	A 12	1347.7133	674.3606
609.3671	6	V 11	1276.6762	638.8420
746.4261	7	H 10	1177.6078	589.3078
859.5101	8	I 9	1040.5489	520.7784
987.5687	9	Q 8	927.4648	464.2363
1084.6215	10	P 7	799.4062	400.2070
1155.6586	11	A 6	702.3535	351.6807
1283.7172	12	Q 5	631.3164	316.1621
1412.7597	13	E 4	503.2578	252.1328
1540.8183	14	Q 3	374.2152	187.6115
1611.8554	15	A 2	246.1566	123.5822
	16	R 1	175.1195	88.0637

N-term:+35.07

TTVFSCNLGKFKDETTADGR, MH+ 2304.0818, m/z 768.6988
 L OS G26 P150811 220811-s1.05183.05183.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

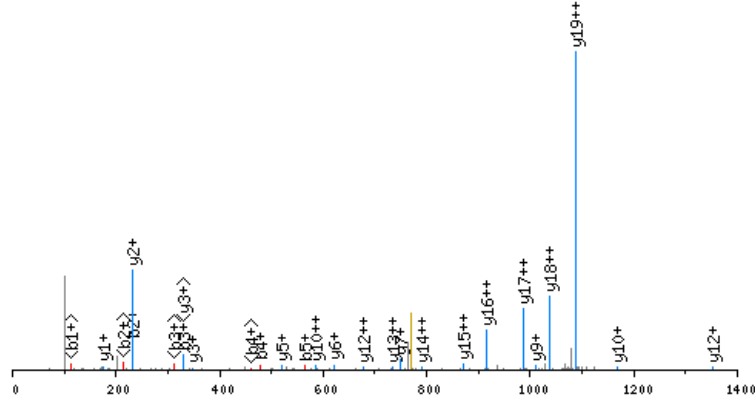
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

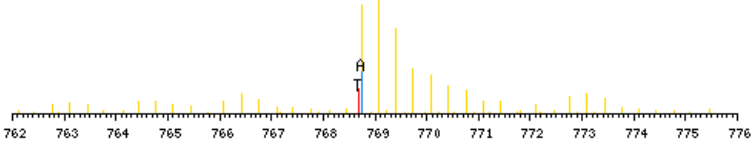
GO

scan 5183; 5.1e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 5180; 768.7 mz; 1.2e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	20		
231.1345	2	T	19	2175.0028	1088.0053
330.2029	3	V	18	2073.9551	1037.4815
477.2713	4	F	17	1974.8867	987.9473
564.3033	5	S	16	1827.8183	914.4131
724.3339	6	C	15	1740.7863	870.8971
838.3768	7	N	14	1580.7557	790.8818
951.4609	8	L	13	1466.7127	733.8603
1008.4824	9	G	12	1353.6287	677.3183
1137.5250	10	E	11	1296.6072	648.8075
1293.6513	11	K	10	1167.5646	584.2862
1440.7197	12	F	9	1011.4383	506.2231
1555.7466	13	D	8	864.3699	432.6889
1684.7892	14	E	7	749.3430	375.1754
1785.8369	15	T	6	620.3004	310.6541
1886.8846	16	T	5	519.2527	260.1303
1957.9217	17	A	4	418.2050	209.6064
2072.9486	18	D	3	347.1679	174.0879
2129.9701	19	G	2	232.1410	116.5744
	20	R	1	175.1195	88.0637

N-term: +29.04 C(6): +160.03
 K(11): +156.13

TVATPLNQVANPNSAIFGGAR, MH+ 2126.1358, m/z 709.3835
 L OS G24 P150811 220811-s1.04453.04453.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

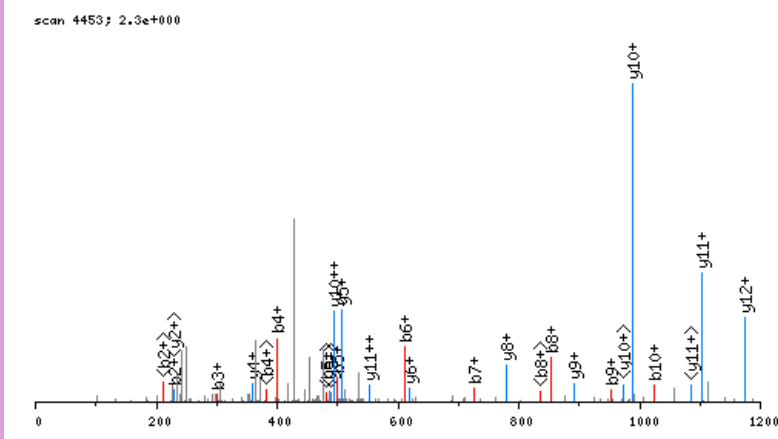
y + 2+ 3+

z + 2+ 3+

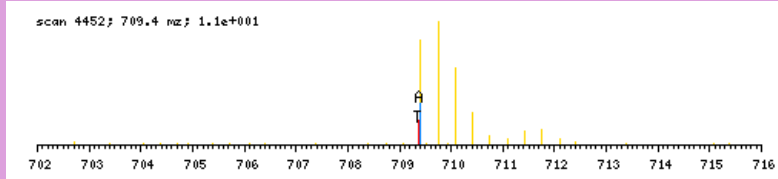
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	21		
229.1552	2	V	20	1997.0568	999.0323
300.1923	3	A	19	1897.9884	949.4981
401.2400	4	T	18	1826.9513	913.9796
498.2927	5	P	17	1725.9036	863.4557
611.3768	6	L	16	1628.8509	814.9294
725.4197	7	N	15	1515.7668	758.3873
853.4783	8	Q	14	1401.7239	701.3659
952.5467	9	V	13	1273.6653	637.3366
1023.5838	10	A	12	1174.5969	587.8024
1137.6268	11	N	11	1103.5598	552.2838
1234.6795	12	P	10	989.5169	495.2623
1348.7225	13	N	9	892.4641	446.7360
1435.7545	14	S	8	778.4212	389.7145
1506.7916	15	A	7	691.3891	346.1985
1619.8757	16	I	6	620.3520	310.6799
1766.9441	17	F	5	507.2680	254.1379
1823.9655	18	G	4	360.1995	180.6037
1880.9870	19	G	3	303.1781	152.0930
1952.0241	20	A	2	246.1566	123.5822
	21	R	1	175.1195	88.0637

N-term:+29.04

TVATPLNQVANPNSAIFGGARPR, MH+ 2379.2897, m/z 595.5779
 L OS G26 P150811 220811-s1.05572.05572.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

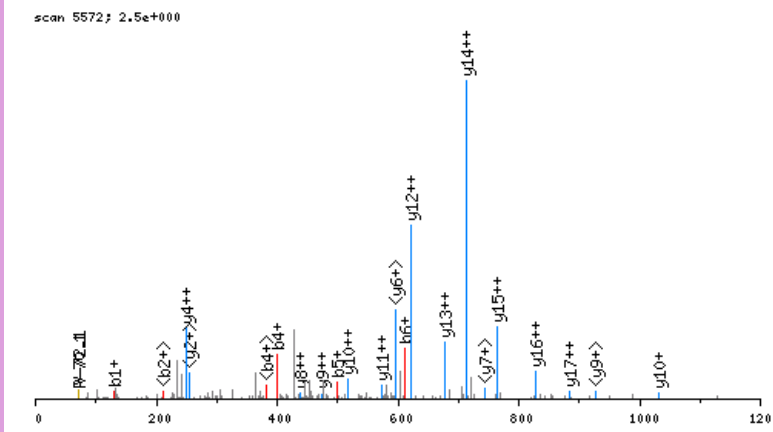
y + 2+ 3+

z + 2+ 3+

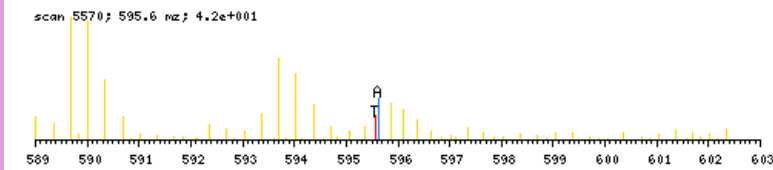
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



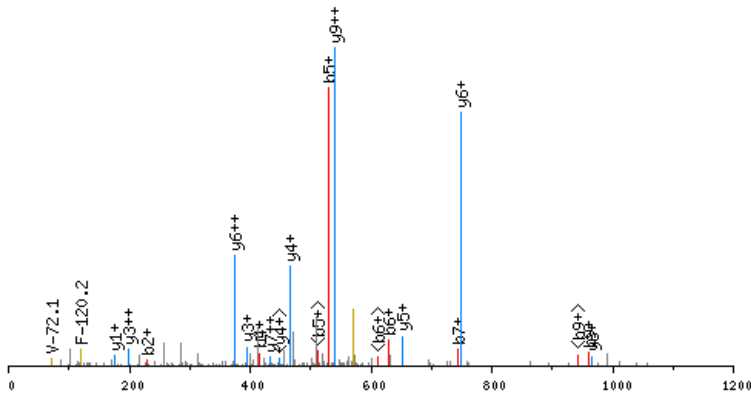
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 23		
229.1552	2	V 22	2250.2107	1125.6093
300.1923	3	A 21	2151.1423	1076.0751
401.2400	4	T 20	2080.1052	1040.5565
498.2927	5	P 19	1979.0575	990.0327
611.3768	6	L 18	1882.0048	941.5063
725.4197	7	N 17	1768.9207	884.9643
853.4783	8	Q 16	1654.8778	827.9428
952.5467	9	V 15	1526.8192	763.9135
1023.5838	10	A 14	1427.7508	714.3793
1137.6268	11	N 13	1356.7137	678.8607
1234.6795	12	P 12	1242.6707	621.8393
1348.7225	13	N 11	1145.6180	573.3129
1435.7545	14	S 10	1031.5750	516.2914
1506.7916	15	A 9	944.5430	472.7754
1619.8757	16	I 8	873.5059	437.2569
1766.9441	17	F 7	760.4218	380.7148
1823.9655	18	G 6	613.3534	307.1806
1880.9870	19	G 5	556.3320	278.6699
1952.0241	20	A 4	499.3105	250.1592
2108.1252	21	R 3	428.2734	214.6406
2205.1780	22	P 2	272.1723	136.5900
	23	R 1	175.1195	88.0637

N-term:+29.04

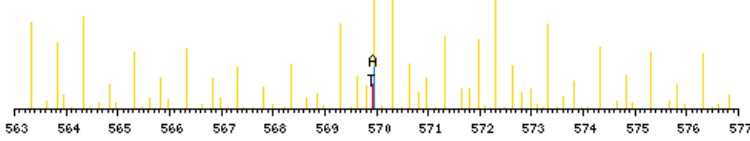
TVEGDVNTDPWAGYR, MH+ 1707.7978, m/z 569.9375
 L OS G25 P150811 220811-s1.05860.05860.3.dta

scan 5860; 2.3e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 5857; 569.9 m/z; 5.8e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

0 - 0

MassTol: Y-zoom:

0. 1.

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

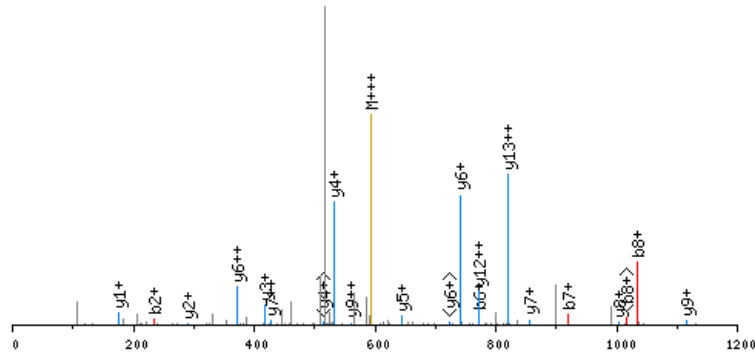
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	15		
229.1552	2	V	14	1578.7189	789.8633
358.1978	3	E	13	1479.6504	740.3291
415.2192	4	G	12	1350.6079	675.8078
530.2462	5	D	11	1293.5864	647.2971
629.3146	6	V	10	1178.5594	589.7836
743.3575	7	N	9	1079.4910	540.2494
844.4052	8	T	8	965.4481	483.2280
959.4322	9	D	7	864.4004	432.7041
1056.4849	10	P	6	749.3735	375.1907
1242.5642	11	W	5	652.3207	326.6643
1313.6013	12	A	4	466.2414	233.6246
1370.6228	13	G	3	395.2043	198.1061
1533.6861	14	Y	2	338.1828	169.5953
	15	R	1	175.1195	88.0637

N-term:+29.04

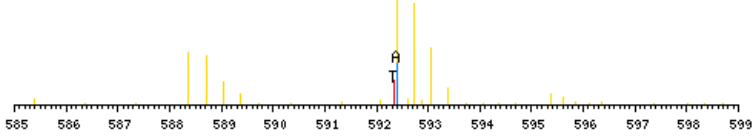
TVFKDLFDPIIQDR, MH+ 1775.0380, m/z 592.3508
 H OS G27 P150811 220811-s1.07308.07308.3.dta

scan 7308; 4.0e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 7305; 592.4 m/z; 9.4e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 14		
235.1870	2	V 13	1639.9272	820.4675
382.2554	3	F 12	1540.8588	770.9333
544.4135	4	K 11	1393.7904	697.3991
659.4404	5	D 10	1231.6323	616.3201
772.5245	6	L 9	1116.6053	558.8066
919.5929	7	F 8	1003.5213	502.2645
1034.6199	8	D 7	856.4529	428.7303
1131.6726	9	P 6	741.4259	371.2169
1244.7567	10	I 5	644.3731	322.6905
1357.8408	11	I 4	531.2891	266.1485
1485.8993	12	Q 3	418.2050	209.6064
1600.9263	13	D 2	290.1464	145.5771
	14	R 1	175.1195	88.0637

N-term:+35.07 K(4):+162.16

TVHNLVLFDR, MH+ 1311.7273, m/z 437.9140
 H OS G27 P150811 220811-s1.05571.05571.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

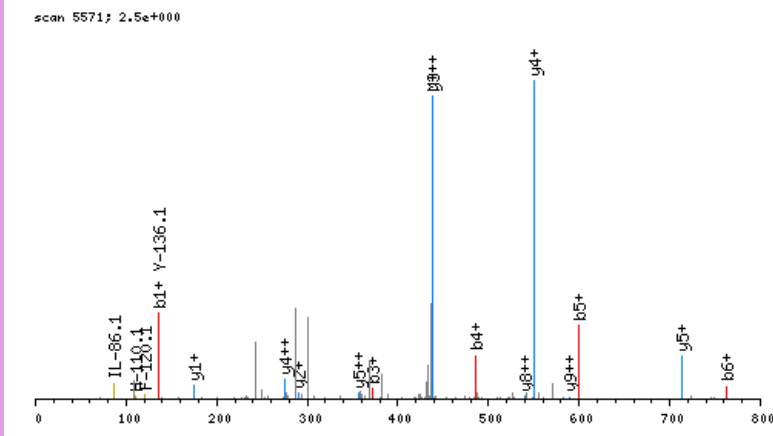
y + 2+ 3+

z + 2+ 3+

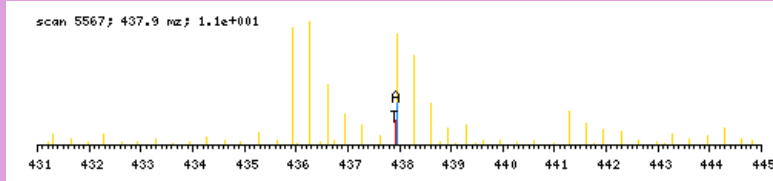
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



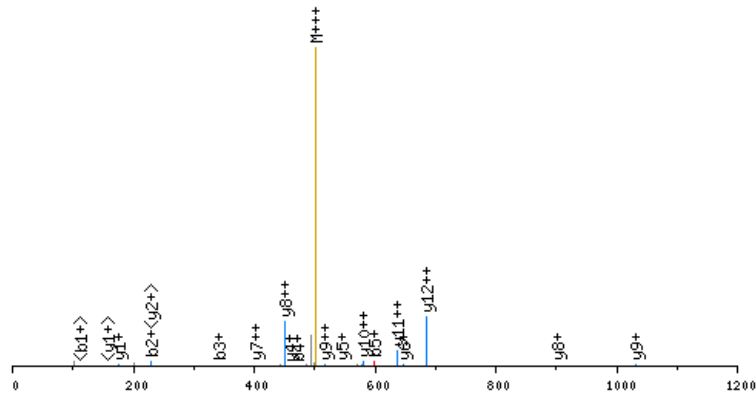
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T	10	
235.1870	2	V	9	1176.6166
372.2459	3	H	8	1077.5482
486.2888	4	N	7	940.4892
599.3729	5	L	6	826.4463
762.4362	6	Y	5	713.3623
875.5203	7	L	4	550.2989
1022.5887	8	F	3	437.2149
1137.6156	9	D	2	290.1464
	10	R	1	175.1195

N-term:+35.07

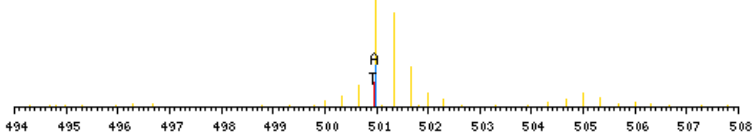
TVIQEVKTSNVAR, MH+ 1500.8750, m/z 500.9632
 L OS G26 P150811 220811-s1.02511.02511.3.dta

scan 2511; 2.5e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2510; 501.0 m/z; 1.8e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	13		
229.1552	2	V	12	1371.7960	686.4019
342.2393	3	I	11	1272.7276	636.8677
470.2978	4	Q	10	1159.6435	580.3257
599.3404	5	E	9	1031.5850	516.2964
698.4088	6	V	8	902.5424	451.7751
854.5351	7	K	7	803.4740	402.2409
955.5828	8	T	6	647.3477	324.1777
1042.6148	9	S	5	546.3000	273.6539
1156.6578	10	N	4	459.2680	230.1379
1255.7262	11	V	3	345.2250	173.1164
1326.7633	12	A	2	246.1566	123.5822
	13	R	1	175.1195	88.0637

N-term:+29.04 K(7):+156.13

TVKTTVFSCNLGKFDETTADGR, MH+ 2660.3242, m/z 665.8365
 L OS G27 P150811 220811-s1.05795.05795.4.dta

X-range:

0 - 0

MassTol: Y-zoom:

0. 1.

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

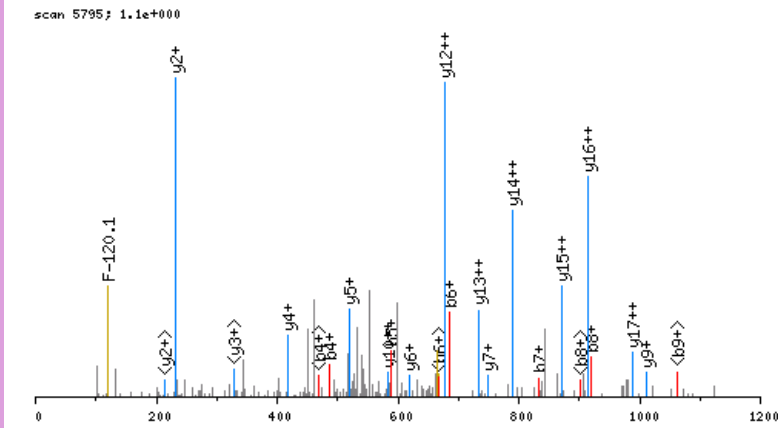
y + 2+ 3+

z + 2+ 3+

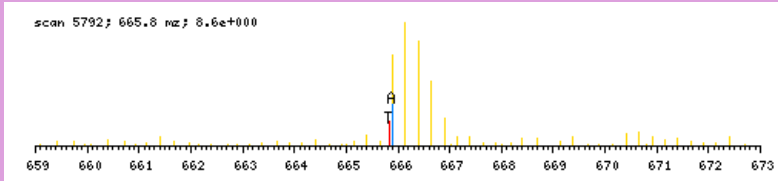
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



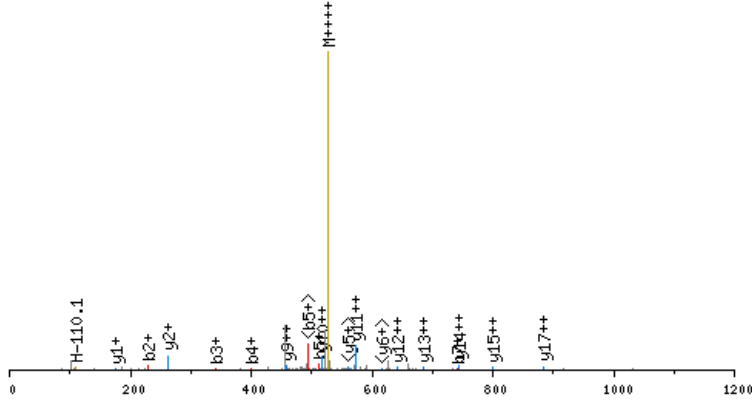
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	23		
229.1552	2	V	22	2531.2452	1266.1265
385.2815	3	K	21	2432.1768	1216.5923
486.3292	4	T	20	2276.0505	1138.5292
587.3768	5	T	19	2175.0028	1088.0053
686.4453	6	V	18	2073.9551	1037.4815
833.5137	7	F	17	1974.8867	987.9473
920.5457	8	S	16	1827.8183	914.4131
1080.5763	9	C	15	1740.7863	870.8971
1194.6192	10	N	14	1580.7557	790.8818
1307.7033	11	L	13	1466.7127	733.8603
1364.7248	12	G	12	1353.6287	677.3183
1493.7674	13	E	11	1296.6072	648.8075
1649.8937	14	K	10	1167.5646	584.2862
1796.9621	15	F	9	1011.4383	506.2231
1911.9890	16	D	8	864.3699	432.6889
2041.0316	17	E	7	749.3430	375.1754
2142.0793	18	T	6	620.3004	310.6541
2243.1270	19	T	5	519.2527	260.1303
2314.1641	20	A	4	418.2050	209.6064
2429.1910	21	D	3	347.1679	174.0879
2486.2125	22	G	2	232.1410	116.5744
	23	R	1	175.1195	88.0637

N-term:+29.04 K(3):+156.13
 C(9):+160.03 K(14):+156.13

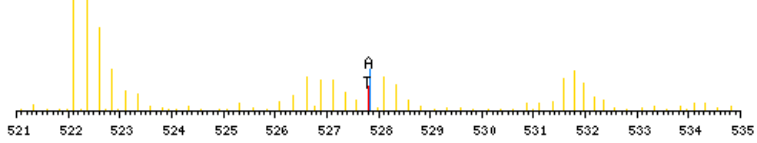
TVLGLLDShLIKGAGDAESR, MH+ 2108.1716, m/z 527.7983
 L OS G28 P150811 220811-s1.07899.07899.4.dta

scan 7899; 9.8e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 7898; 527.8 m/z; 5.7e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	20		
229.1552	2	V	19	1979.0926	990.0502
342.2393	3	L	18	1880.0242	940.5160
399.2607	4	G	17	1766.9401	883.9740
512.3448	5	L	16	1709.9187	855.4632
625.4288	6	L	15	1596.8346	798.9212
740.4558	7	D	14	1483.7505	742.3792
827.4878	8	S	13	1368.7236	684.8657
964.5467	9	H	12	1281.6916	641.3497
1077.6308	10	L	11	1144.6326	572.8202
1190.7149	11	I	10	1031.5486	516.2782
1346.8412	12	K	9	918.4645	459.7362
1403.8626	13	G	8	762.3382	381.6730
1474.8997	14	A	7	705.3168	353.1623
1531.9212	15	G	6	634.2796	317.6437
1646.9481	16	D	5	577.2582	289.1330
1717.9853	17	A	4	462.2312	231.6195
1847.0279	18	E	3	391.1941	196.1010
1934.0599	19	S	2	262.1515	131.5797
	20	R	1	175.1195	88.0637

N-term:+29.04 K(12);+156.13

TVLSDYVGSPPSGTGLHR, MH+ 1927.9877, m/z 643.3341
 L OS G26 P150811 220811-s1.04418.04418.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

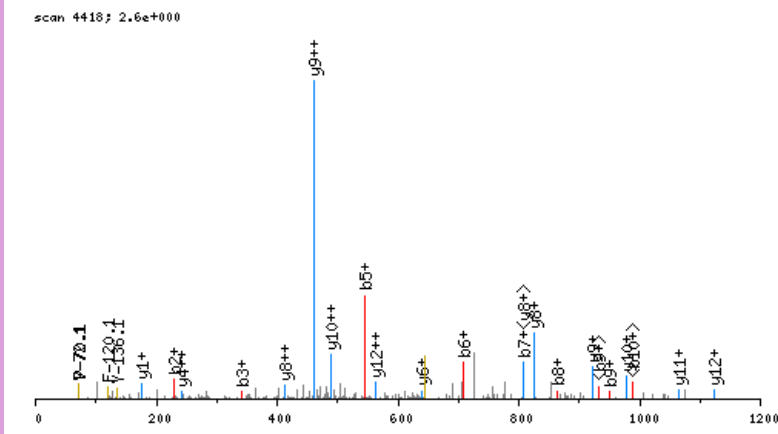
y + 2+ 3+

z + 2+ 3+

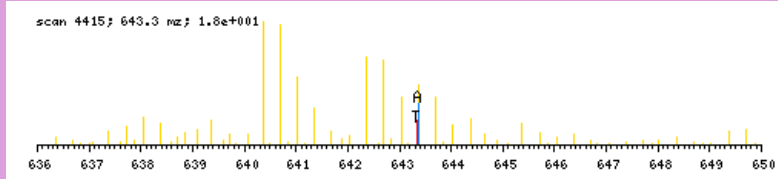
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 19		
229.1552	2	V 18	1798.9088	899.9583
342.2393	3	L 17	1699.8404	850.4241
429.2713	4	S 16	1586.7563	793.8821
544.2982	5	D 15	1499.7243	750.3661
707.3616	6	Y 14	1384.6973	692.8526
806.4300	7	V 13	1221.6340	611.3209
863.4514	8	G 12	1122.5656	561.7867
950.4835	9	S 11	1065.5441	533.2760
1007.5049	10	G 10	978.5121	489.7600
1104.5577	11	P 9	921.4906	461.2492
1201.6105	12	P 8	824.4379	412.7228
1288.6425	13	S 7	727.3851	364.1965
1345.6639	14	G 6	640.3531	320.6805
1446.7116	15	T 5	583.3316	292.1697
1503.7331	16	G 4	482.2839	241.6459
1616.8172	17	L 3	425.2625	213.1352
1753.8761	18	H 2	312.1784	156.5931
	19	R 1	175.1195	88.0637

N-term:+29.04

TVLSGGTTMYPGIADR, MH+ 1666.8474, m/z 556.2873
 L OS G24 P150811 220811-s1.03749.03749.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

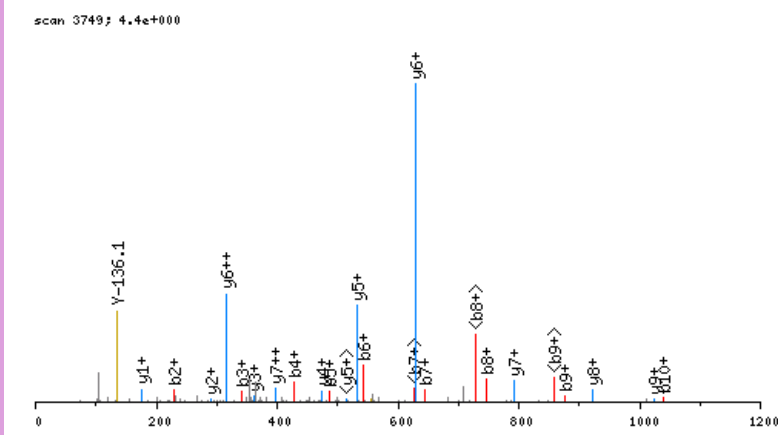
y + 2+ 3+

z + 2+ 3+

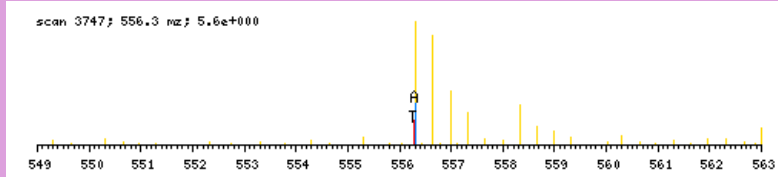
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 16		
229.1552	2	V 15	1537.7685	769.3881
342.2393	3	L 14	1438.7000	719.8539
429.2713	4	S 13	1325.6160	663.3119
486.2927	5	G 12	1238.5839	619.7959
543.3142	6	G 11	1181.5625	591.2852
644.3619	7	T 10	1124.5410	562.7744
745.4096	8	T 9	1023.4933	512.2506
876.4501	9	M 8	922.4457	461.7267
1039.5134	10	Y 7	791.4052	396.2065
1136.5661	11	P 6	628.3418	314.6748
1193.5876	12	G 5	531.2891	266.1485
1306.6717	13	I 4	474.2676	237.6377
1377.7088	14	A 3	361.1836	181.0957
1492.7357	15	D 2	290.1464	145.5771
	16	R 1	175.1195	88.0637

N-term:+29.04

TVPIEAVTSKTSNIR, MH+ 1684.0281, m/z 562.0142
 H OS G26 P150811 220811-s1.03891.03891.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

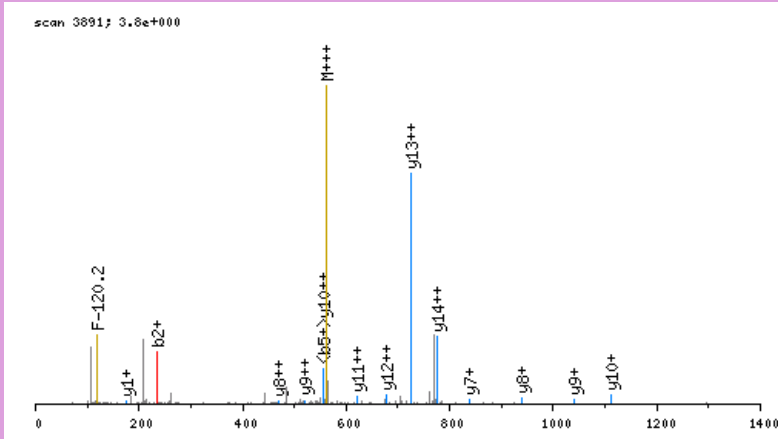
y + 2+ 3+

z + 2+ 3+

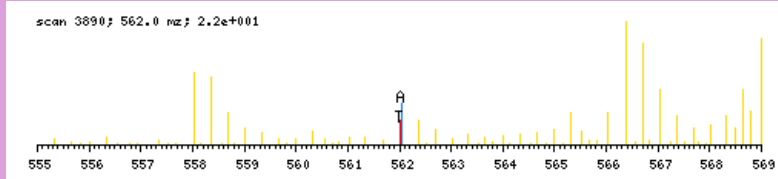
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T	15	
235.1870	2	V	14	1548.9174
332.2398	3	P	13	1449.8490
445.3238	4	I	12	1352.7962
574.3664	5	E	11	1239.7121
645.4035	6	A	10	1110.6695
744.4719	7	V	9	1039.6324
845.5196	8	T	8	940.5640
932.5516	9	S	7	839.5163
1094.7097	10	K	6	752.4843
1195.7574	11	T	5	590.3262
1282.7895	12	S	4	489.2785
1396.8324	13	N	3	402.2465
1509.9164	14	I	2	288.2036
	15	R	1	175.1195

N-term:+35.07 K(10):+162.16

TVPIYEGYALPHAILR, MH+ 1841.0325, m/z 614.3490
 L OS G26 P150811 220811-s1.06484.06484.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

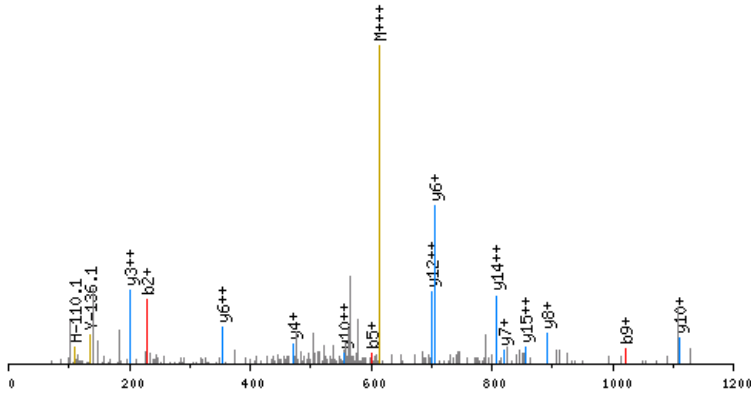
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

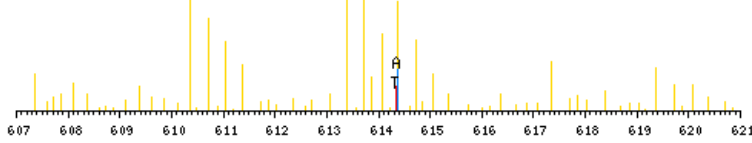
GO

scan 6484; 1.0e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6480; 614.3 m/z; 3.1e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 16		
229.1552	2	V 15	1711.9536	856.4807
326.2080	3	P 14	1612.8851	806.9465
439.2920	4	I 13	1515.8324	758.4201
602.3553	5	Y 12	1402.7483	701.8781
731.3979	6	E 11	1239.6850	620.3464
788.4194	7	G 10	1110.6424	555.8251
951.4827	8	Y 9	1053.6209	527.3144
1022.5198	9	A 8	890.5576	445.7827
1135.6039	10	L 7	819.5205	410.2642
1232.6567	11	P 6	706.4364	353.7221
1369.7156	12	H 5	609.3837	305.1957
1440.7527	13	A 4	472.3247	236.6663
1553.8368	14	I 3	401.2876	201.1477
1666.9208	15	L 2	288.2036	144.6057
	16	R 1	175.1195	88.0637

N-term:+29.04

TVTDFPGFDGR, MH+ 1239.6010, m/z 620.3041
 L OS G25 P150811 220811-s1.06069.06069.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

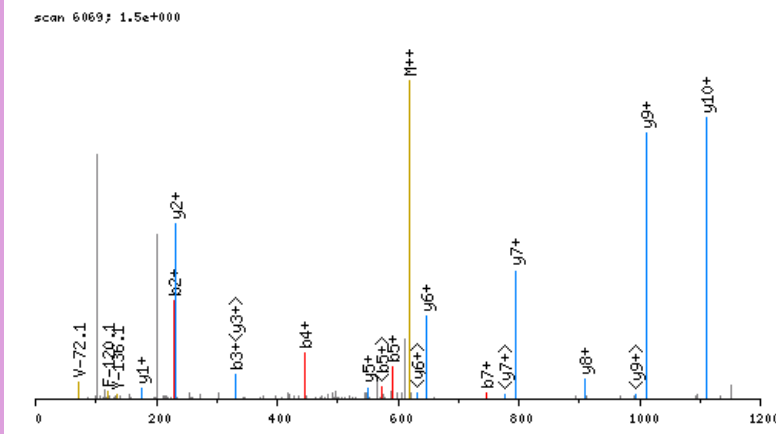
y + 2+ 3+

z + 2+ 3+

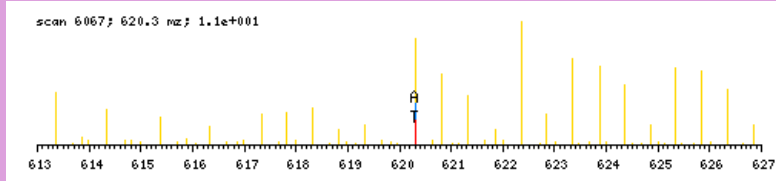
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 11		
229.1552	2	V 10	1110.5220	555.7649
330.2029	3	T 9	1011.4536	506.2307
445.2298	4	D 8	910.4059	455.7069
592.2982	5	F 7	795.3790	398.1934
689.3510	6	P 6	648.3105	324.6592
746.3725	7	G 5	551.2578	276.1328
893.4409	8	F 4	494.2363	247.6221
1008.4678	9	D 3	347.1679	174.0879
1065.4893	10	G 2	232.1410	116.5744
	11	R 1	175.1195	88.0637

N-term:+29.04

TWVVLGHSER, MH+ 1211.6537, m/z 404.5561
 L OS G27 P150811 220811-s1.04799.04799.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

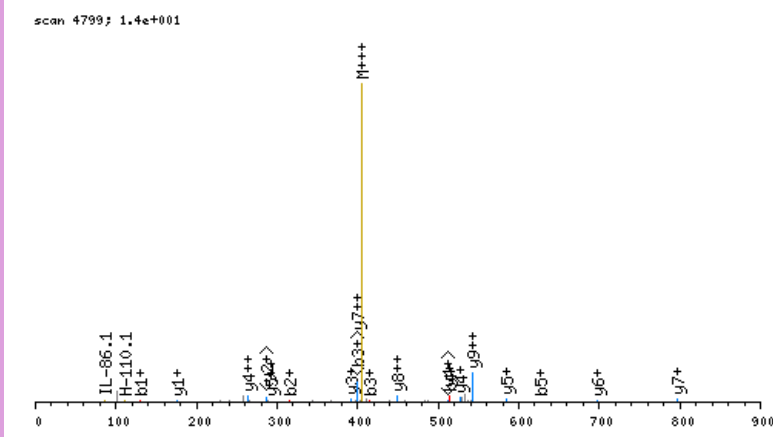
y + 2+ 3+

z + 2+ 3+

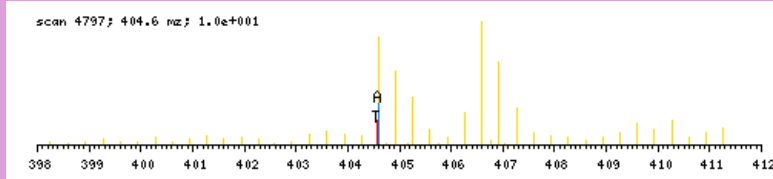
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T	10	
316.1661	2	W	9	1082.5747
415.2345	3	V	8	896.4954
514.3029	4	V	7	797.4270
627.3870	5	L	6	698.3586
684.4084	6	G	5	585.2745
821.4674	7	H	4	528.2530
908.4994	8	S	3	391.1941
1037.5420	9	E	2	304.1621
	10	R	1	175.1195

N-term:+29.04

TYHGDSLQLDR, MH+ 1447.6817, m/z 483.2321
 L OS G27 P150811 220811-s1.03155.03155.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

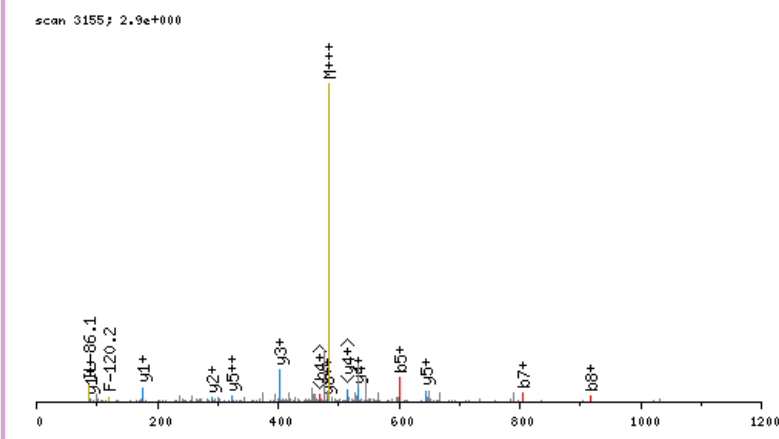
y + 2+ 3+

z + 2+ 3+

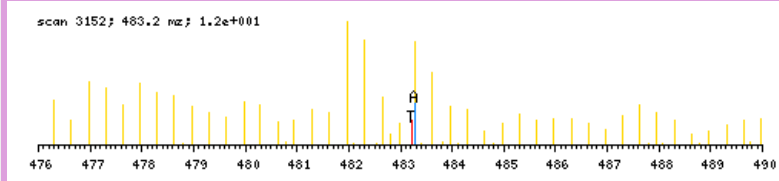
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 12		
293.1501	2	Y 11	1318.6028	659.8053
430.2090	3	H 10	1155.5394	578.2736
487.2305	4	G 9	1018.4805	509.7442
602.2574	5	D 8	961.4591	481.2334
689.2895	6	S 7	846.4321	423.7200
804.3164	7	D 6	759.4001	380.2040
917.4005	8	L 5	644.3731	322.6905
1045.4590	9	Q 4	531.2891	266.1485
1158.5431	10	L 3	403.2305	202.1192
1273.5700	11	D 2	290.1464	145.5771
	12	R 1	175.1195	88.0637

N-term:+29.04

TYKMADEAGSEAHR, MH+ 1633.8280, m/z 409.2125
 H OS G28 P150811 220811-s1.02220.02220.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

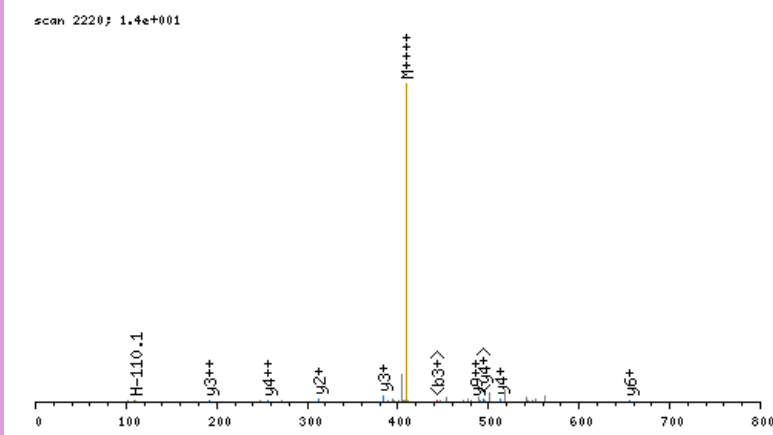
y + 2+ 3+

z + 2+ 3+

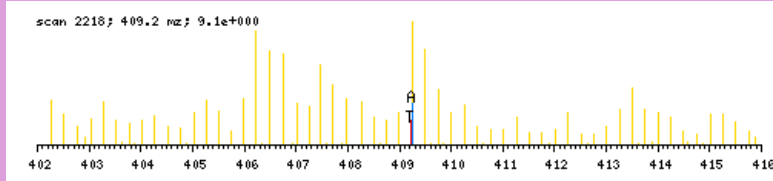
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



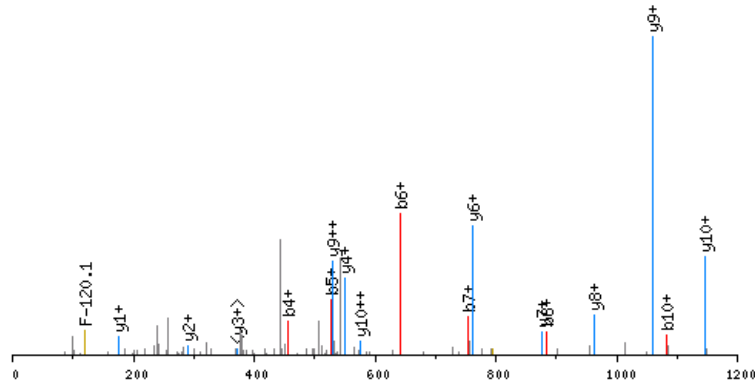
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 14		
299.1819	2	Y 13	1498.7173	749.8626
461.3400	3	K 12	1335.6540	668.3309
592.3805	4	M 11	1173.4959	587.2518
663.4176	5	A 10	1042.4554	521.7316
778.4445	6	D 9	971.4183	486.2130
907.4871	7	E 8	856.3913	428.6996
978.5243	8	A 7	727.3487	364.1783
1035.5457	9	G 6	656.3116	328.6597
1122.5777	10	S 5	599.2901	300.1490
1251.6203	11	E 4	512.2581	256.6330
1322.6575	12	A 3	383.2155	192.1117
1459.7164	13	H 2	312.1784	156.5931
	14	R 1	175.1195	88.0637

N-term:+35.07 K(3):+162.16

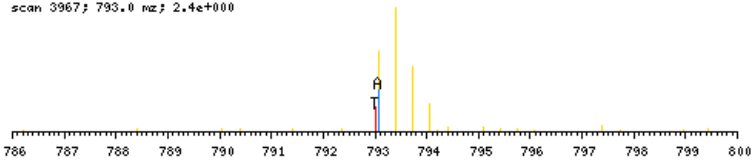
VAEQADLEQAFSPSPDCVDR, MH+ 2377.0617, m/z 793.0254
 L OS G24 P150811 220811-s1.03971.03971.3.dta

scan 3971; 1.2e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 3967; 793.0 m/z; 2.4e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 21		
199.1446	2	A 20	2249.9620	1125.4849
328.1872	3	E 19	2178.9249	1089.9664
456.2458	4	Q 18	2049.8823	1025.4451
527.2829	5	A 17	1921.8237	961.4158
642.3099	6	D 16	1850.7866	925.8972
755.3939	7	L 15	1735.7597	868.3838
884.4365	8	E 14	1622.6756	811.8417
1012.4951	9	Q 13	1493.6330	747.3204
1083.5322	10	A 12	1365.5745	683.2911
1230.6006	11	F 11	1294.5373	647.7726
1317.6326	12	S 10	1147.4689	574.2384
1414.6854	13	P 9	1060.4369	530.7224
1501.7174	14	S 8	963.3841	482.1960
1616.7444	15	D 7	876.3521	438.6800
1713.7971	16	P 6	761.3252	381.1665
1828.8241	17	D 5	664.2724	332.6401
1988.8547	18	C 4	549.2455	275.1266
2087.9231	19	V 3	389.2149	195.1113
2202.9500	20	D 2	290.1464	145.5771
	21	R 1	175.1195	88.0637

N-term:+29.04 C(18):+160.03

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

VAETGTEAAAAATGVIGGIR, MH+ 1771.9554, m/z 591.3233
 L OS G24 P150811 220811-s1.03766.03766.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

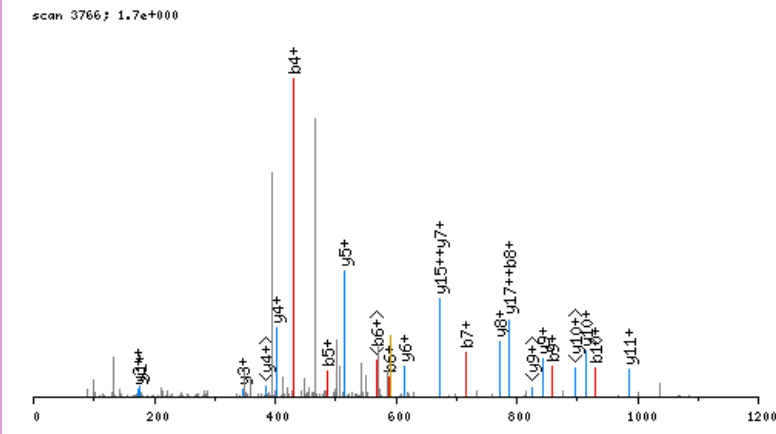
y + 2+ 3+

z + 2+ 3+

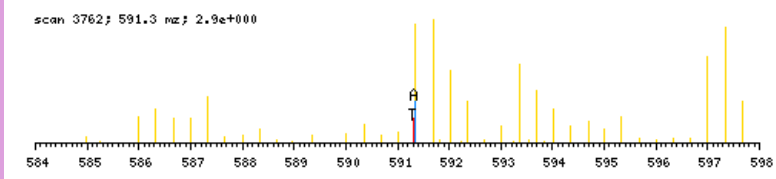
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 19		
199.1446	2	A 18	1644.8557	822.9318
328.1872	3	E 17	1573.8186	787.4132
429.2349	4	T 16	1444.7760	722.8919
486.2564	5	G 15	1343.7283	672.3681
587.3040	6	T 14	1286.7068	643.8573
716.3466	7	E 13	1185.6592	593.3335
787.3837	8	A 12	1056.6166	528.8122
858.4209	9	A 11	985.5795	493.2936
929.4580	10	A 10	914.5423	457.7751
1000.4951	11	A 9	843.5052	422.2565
1101.5428	12	T 8	772.4681	386.7380
1158.5642	13	G 7	671.4204	336.2141
1257.6326	14	V 6	614.3990	307.7034
1370.7167	15	I 5	515.3306	258.1692
1427.7382	16	G 4	402.2465	201.6272
1484.7596	17	G 3	345.2250	173.1164
1597.8437	18	I 2	288.2036	144.6057
	19	R 1	175.1195	88.0637

N-term:+29.04

VAEVFEIIFRR, MH+ 1412.8478, m/z 471.6208
 H OS G27 P150811 220811-s1.06514.06514.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

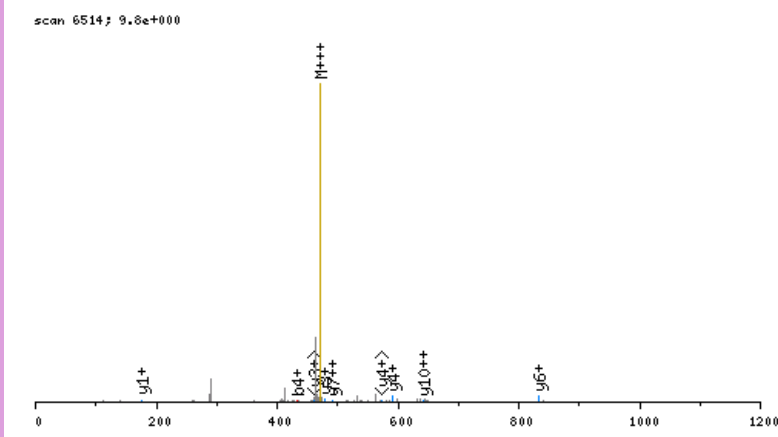
y + 2+ 3+

z + 2+ 3+

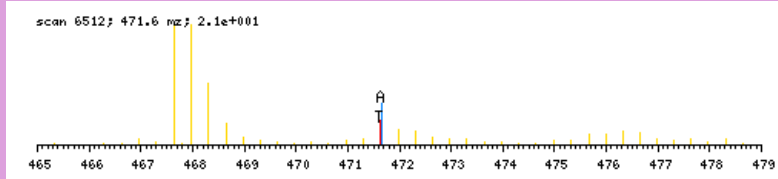
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V 11		
205.1764	2	A 10	1279.7163	640.3621
334.2190	3	E 9	1208.6792	604.8435
433.2874	4	V 8	1079.6366	540.3222
580.3558	5	F 7	980.5682	490.7880
709.3984	6	E 6	833.4997	417.2538
822.4825	7	I 5	704.4572	352.7325
935.5666	8	I 4	591.3731	296.1905
1082.6350	9	F 3	478.2890	239.6484
1238.7361	10	R 2	331.2206	166.1142
	11	R 1	175.1195	88.0637

N-term:+35.07

VAGEMGQNEPDQGGQR, MH+ 1700.7662, m/z 567.5936
 L OS G25 P150811 220811-s1.02118.02118.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

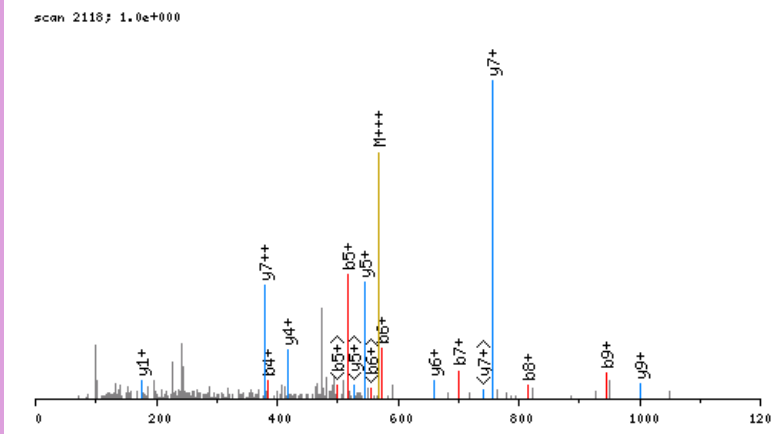
y + 2+ 3+

z + 2+ 3+

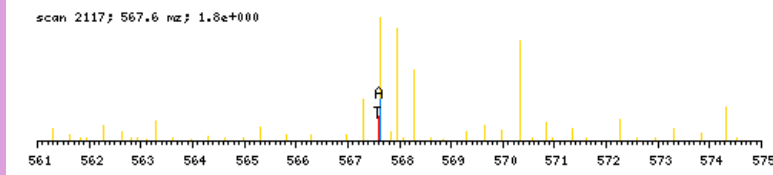
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



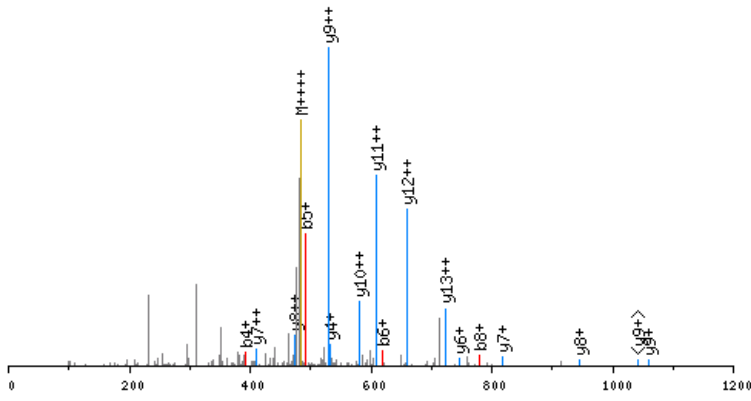
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 16		
199.1446	2	A 15	1573.6665	787.3372
256.1661	3	G 14	1502.6294	751.8186
385.2087	4	E 13	1445.6079	723.3079
516.2492	5	M 12	1316.5653	658.7866
573.2706	6	G 11	1185.5249	593.2663
701.3292	7	Q 10	1128.5034	564.7556
815.3721	8	N 9	1000.4448	500.7263
944.4147	9	E 8	886.4019	443.7049
1041.4675	10	P 7	757.3593	379.1836
1156.4944	11	D 6	660.3065	330.6572
1284.5530	12	Q 5	545.2796	273.1437
1341.5745	13	G 4	417.2210	209.1144
1398.5959	14	G 3	360.1995	180.6037
1526.6545	15	Q 2	303.1781	152.0930
	16	R 1	175.1195	88.0637

N-term:+29.04

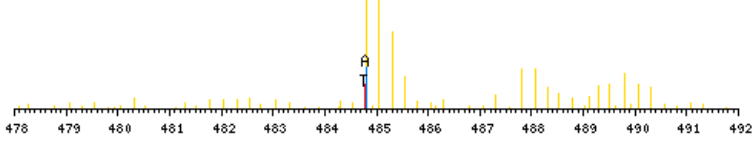
VAHGVQITGVNQAGKETQR, MH+ 1936.0365, m/z 484.7646
 L OS G28 P150811 220811-s1.01879.01879.4.dta

scan 1879; 1.8e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 1878; 484.8 m/z; 3.5e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 18		
199.1446	2	A 17	1808.9368	904.9723
336.2035	3	H 16	1737.8997	869.4537
393.2250	4	G 15	1600.8407	800.9243
492.2934	5	V 14	1543.8193	772.4136
620.3520	6	Q 13	1444.7509	722.8793
721.3997	7	T 12	1316.6923	658.8501
778.4211	8	G 11	1215.6446	608.3262
877.4896	9	V 10	1158.6231	579.8155
991.5325	10	N 9	1059.5547	530.2813
1119.5911	11	Q 8	945.5118	473.2598
1190.6282	12	A 7	817.4532	409.2305
1247.6496	13	G 6	746.4161	373.7120
1403.7759	14	K 5	689.3946	345.2012
1532.8185	15	E 4	533.2683	267.1381
1633.8662	16	T 3	404.2258	202.6168
1761.9248	17	Q 2	303.1781	152.0930
	18	R 1	175.1195	88.0637

N-term:+29.04 K(14):+156.13

VANQDFVENLVR, MH+ 1530.8280, m/z 510.9475
 L OS G25 P150811 220811-s1.07076.07076.3.dta

scan 7076; 2.3e+000

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

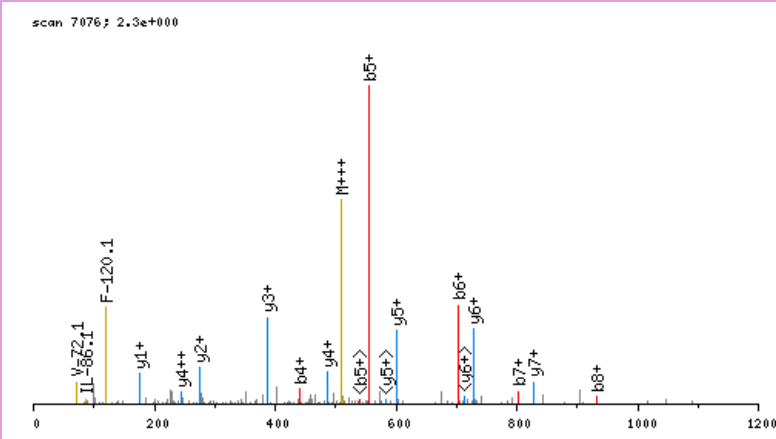
y + 2+ 3+

z + 2+ 3+

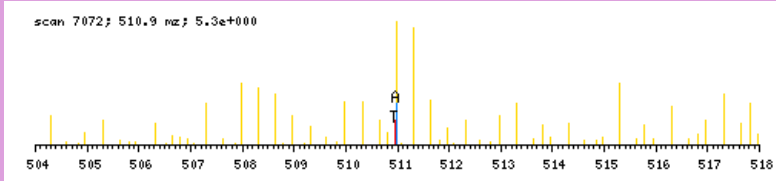
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



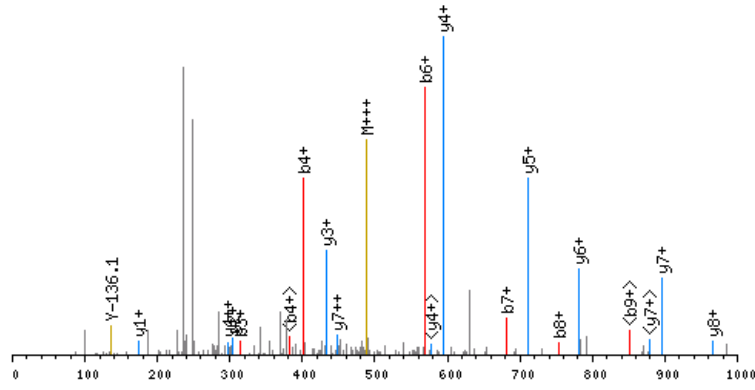
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 13		
199.1446	2	A 12	1403.7283	702.3681
313.1876	3	N 11	1332.6912	666.8495
441.2461	4	Q 10	1218.6483	609.8280
556.2731	5	D 9	1090.5897	545.7988
703.3415	6	F 8	975.5627	488.2853
802.4099	7	V 7	828.4943	414.7511
931.4525	8	E 6	729.4259	365.2169
1045.4954	9	N 5	600.3833	300.6956
1144.5638	10	V 4	486.3404	243.6741
1257.6479	11	L 3	387.2720	194.1399
1356.7163	12	V 2	274.1879	137.5979
	13	R 1	175.1195	88.0637

N-term:+29.04

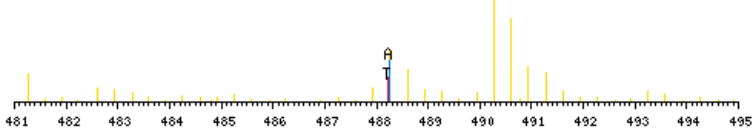
VANSPANADYQER, MH+ 1462.6926, m/z 488.2357
 L OS G25 P150811 220811-s1.02169.02169.3.dta

scan 2169; 1.1e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2167; 488.2 m/z; 1.2e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 13		
199.1446	2	A 12	1335.5929	668.3004
313.1876	3	N 11	1264.5558	632.7818
400.2196	4	S 10	1150.5129	575.7604
497.2723	5	P 9	1063.4809	532.2443
568.3095	6	A 8	966.4281	483.7180
682.3524	7	N 7	895.3910	448.1994
753.3895	8	A 6	781.3481	391.1779
868.4164	9	D 5	710.3109	355.6594
1031.4798	10	Y 4	595.2840	298.1459
1159.5384	11	Q 3	432.2207	216.6142
1288.5809	12	E 2	304.1621	152.5850
	13	R 1	175.1195	88.0637

N-term:+29.04

VAPEEHPTLLTEAPLNPKANR, MH+ 2353.2880, m/z 589.0775
 L OS G27 P150811 220811-s1.05213.05213.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

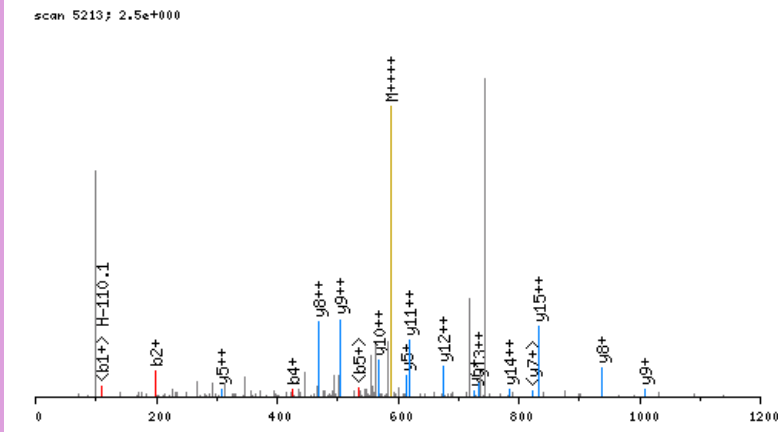
y + 2+ 3+

z + 2+ 3+

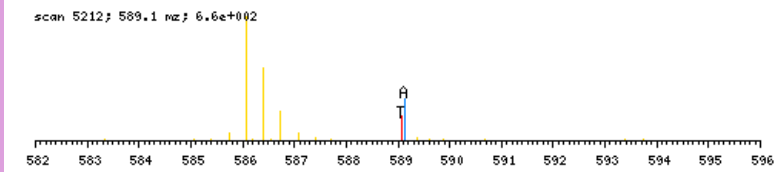
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
128.1075	1	V	21		
199.1446	2	A	20	2226.1883	1113.5981
296.1974	3	P	19	2155.1512	1078.0795
425.2400	4	E	18	2058.0984	1029.5531
554.2826	5	E	17	1929.0558	965.0318
691.3415	6	H	16	1800.0132	900.5105
788.3943	7	P	15	1662.9543	831.9811
889.4419	8	T	14	1565.9016	783.4547
1002.5260	9	L	13	1464.8539	732.9308
1115.6101	10	L	12	1351.7698	676.3888
1216.6577	11	T	11	1238.6857	619.8468
1345.7003	12	E	10	1137.6381	569.3229
1416.7374	13	A	9	1008.5955	504.8017
1513.7902	14	P	8	937.5584	469.2831
1626.8743	15	L	7	840.5056	420.7567
1740.9172	16	N	6	727.4215	364.2147
1837.9700	17	P	5	613.3786	307.1932
1994.0963	18	K	4	516.3258	258.6668
2065.1334	19	A	3	360.1995	180.6037
2179.1763	20	N	2	289.1624	145.0851
	21	R	1	175.1195	88.0637

N-term:+29.04 K(18):+156.13

VAPEEHPVLLTEAPLNPKANR, MH+ 2351.3087, m/z 588.5826
 L OS G27 P150811 220811-s1.05391.05391.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

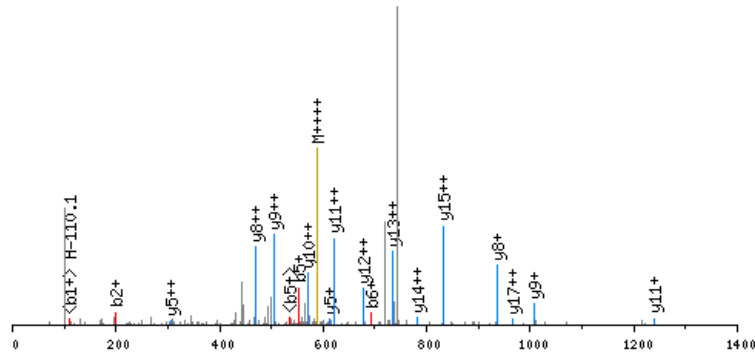
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

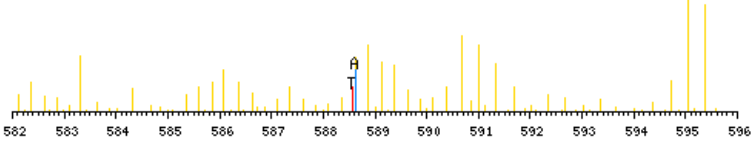
GO

scan 5391; 2.5e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 5387; 588.6 mz; 1.6e+001

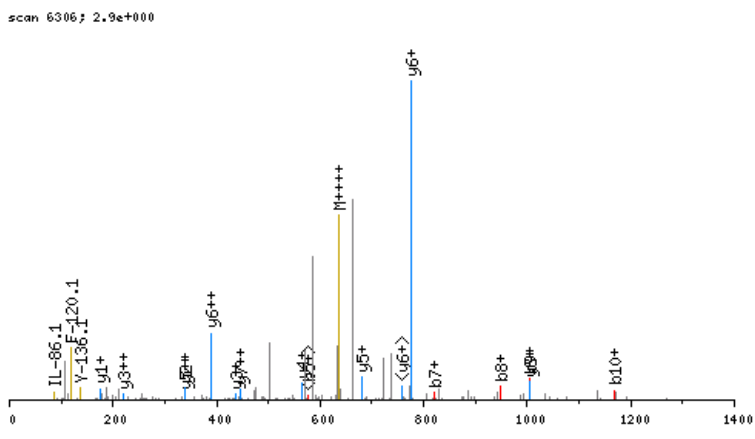


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

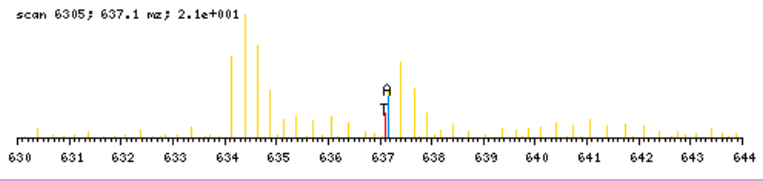
b ⁺	#	AA	#	y ⁺	y ²⁺
128.1075	1	V	21		
199.1446	2	A	20	2224.2090	1112.6084
296.1974	3	P	19	2153.1719	1077.0899
425.2400	4	E	18	2056.1192	1028.5635
554.2826	5	E	17	1927.0766	964.0422
691.3415	6	H	16	1798.0340	899.5209
788.3943	7	P	15	1660.9751	830.9914
887.4627	8	V	14	1563.9223	782.4651
1000.5467	9	L	13	1464.8539	732.9308
1113.6308	10	L	12	1351.7698	676.3888
1214.6785	11	T	11	1238.6857	619.8468
1343.7211	12	E	10	1137.6381	569.3229
1414.7582	13	A	9	1008.5955	504.8017
1511.8109	14	P	8	937.5584	469.2831
1624.8950	15	L	7	840.5056	420.7567
1738.9379	16	N	6	727.4215	364.2147
1835.9907	17	P	5	613.3786	307.1932
1992.1170	18	K	4	516.3258	258.6668
2063.1541	19	A	3	360.1995	180.6037
2177.1970	20	N	2	289.1624	145.0851
	21	R	1	175.1195	88.0637

N-term:+29.04 K(18):+156.13

VAQPKNLEGYVGFANLPNQVYR, MH+ 2545.4203, m/z 637.1105
 H OS G26 P150811 220811-s1.06306.06306.4.dta



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V 22		
205.1764	2	A 21	2412.2888	1206.6483
333.2350	3	Q 20	2341.2517	1171.1298
430.2878	4	P 19	2213.1931	1107.1005
592.4459	5	K 18	2116.1404	1058.5741
706.4888	6	N 17	1953.9823	977.4951
819.5729	7	L 16	1839.9394	920.4736
948.6155	8	E 15	1726.8553	863.9316
1005.6369	9	G 14	1597.8127	799.4103
1168.7002	10	Y 13	1540.7912	770.8995
1267.7687	11	V 12	1377.7279	689.3679
1324.7901	12	G 11	1278.6595	639.8337
1471.8585	13	F 10	1221.6380	611.3229
1542.8957	14	A 9	1074.5696	537.7887
1656.9386	15	N 8	1003.5325	502.2702
1770.0226	16	L 7	889.4896	445.2487
1867.0754	17	P 6	776.4055	388.7067
1981.1183	18	N 5	679.3527	340.1803
2109.1769	19	Q 4	565.3098	283.1588
2208.2453	20	V 3	437.2512	219.1295
2371.3087	21	Y 2	338.1828	169.5953
	22	R 1	175.1195	88.0637

N-term:+35.07 K(5):+162.16

X-range: -

MassTol: Y-zoom:

MassType: AVG MONO

Axis: 1 2

Label: I M -

Ions: a + 2+ 3+
 b + 2+ 3+
 c + 2+ 3+
 x + 2+ 3+
 y + 2+ 3+
 z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

VATGLMEDDGKPR, MH+ 1444.7470, m/z 482.2539
 L OS G27 P150811 220811-s1.03000.03000.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

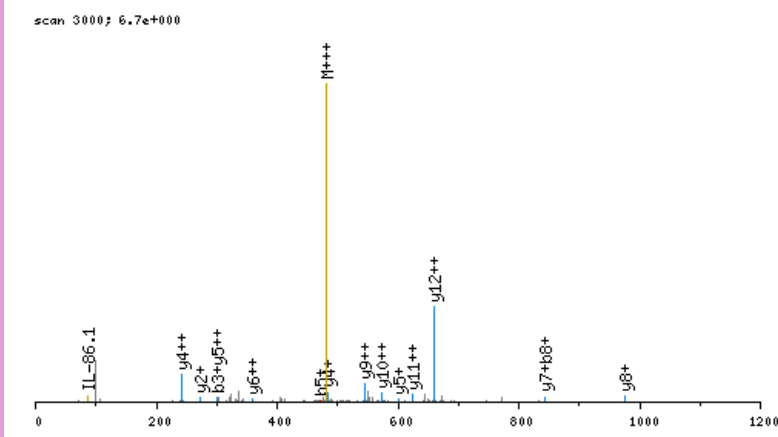
y + 2+ 3+

z + 2+ 3+

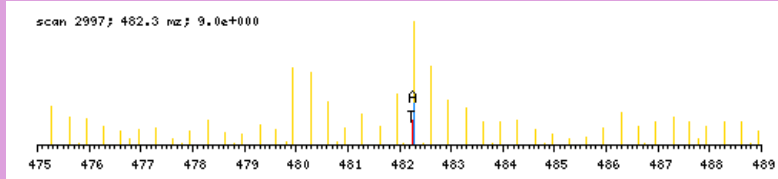
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 13		
199.1446	2	A 12	1317.6473	659.3276
300.1923	3	T 11	1246.6102	623.8090
357.2138	4	G 10	1145.5625	573.2852
470.2978	5	L 9	1088.5411	544.7744
601.3383	6	M 8	975.4570	488.2324
730.3809	7	E 7	844.4165	422.7122
845.4079	8	D 6	715.3739	358.1909
960.4348	9	D 5	600.3470	300.6774
1017.4563	10	G 4	485.3200	243.1639
1173.5826	11	K 3	428.2986	214.6532
1270.6353	12	P 2	272.1723	136.5900
	13	R 1	175.1195	88.0637

N-term:+29.04 K(11):+156.13

VATKKTEQGPPSSEYIFER, MH+ 2269.2929, m/z 568.0787
 H OS G28 P150811 220811-s1.04315.04315.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

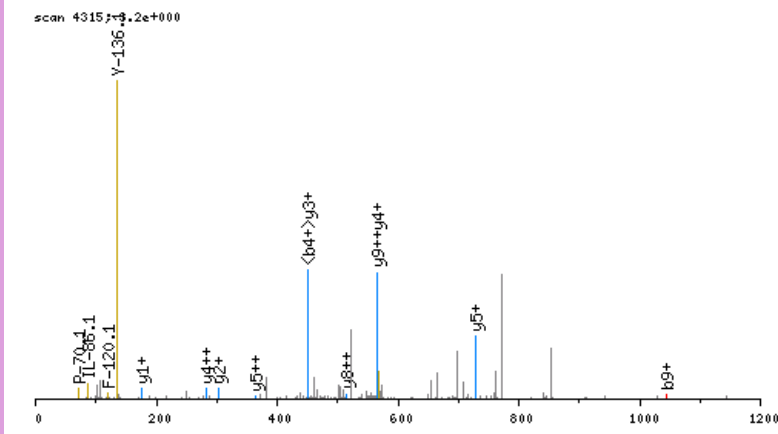
y + 2+ 3+

z + 2+ 3+

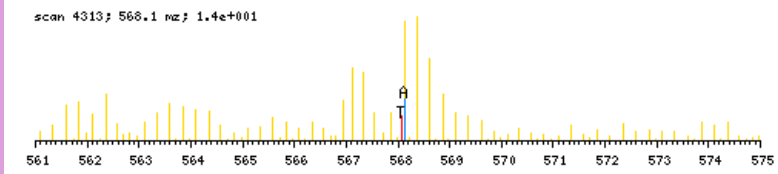
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V	19	
205.1764	2	A	18	2136.1614
306.2241	3	T	17	2065.1243
468.3822	4	K	16	1964.0766
630.5403	5	K	15	1801.9185
731.5880	6	T	14	1639.7604
860.6306	7	E	13	1538.7127
988.6892	8	Q	12	1409.6701
1045.7106	9	G	11	1281.6115
1142.7634	10	P	10	1224.5901
1239.8161	11	P	9	1127.5373
1326.8482	12	S	8	1030.4846
1413.8802	13	S	7	943.4525
1542.9228	14	E	6	856.4205
1705.9861	15	Y	5	727.3779
1819.0702	16	I	4	564.3146
1966.1386	17	F	3	451.2305
2095.1812	18	E	2	304.1621
	19	R	1	175.1195

N-term:+35.07 K(4):+162.16
 K(5):+162.16

VDELGCSHLGQSYESR, MH+ 1870.8817, m/z 624.2987
 H OS G27 P150811 220811-s1.03900.03900.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

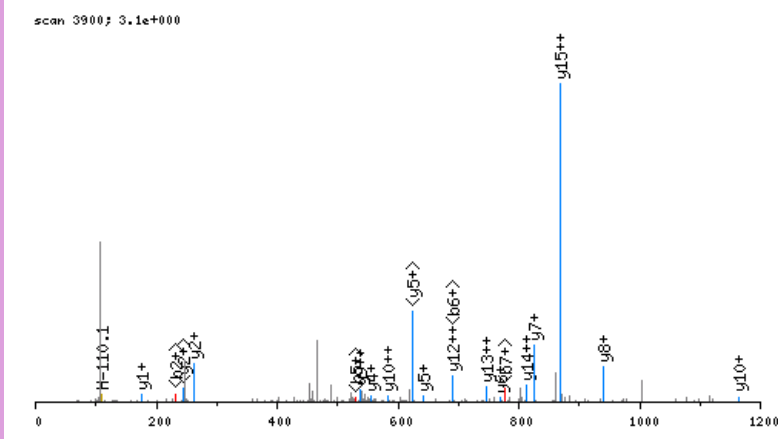
y + 2+ 3+

z + 2+ 3+

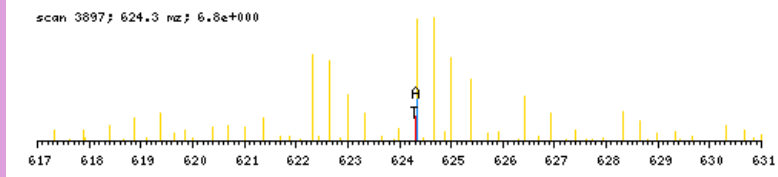
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



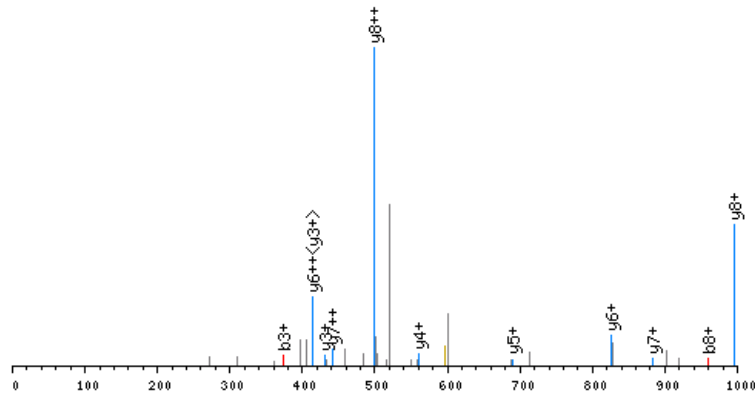
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V 16		
249.1663	2	D 15	1737.7502	869.3790
378.2089	3	E 14	1622.7232	811.8655
491.2929	4	L 13	1493.6807	747.3442
548.3144	5	G 12	1380.5966	690.8022
708.3450	6	C 11	1323.5751	662.2915
795.3770	7	S 10	1163.5445	582.2762
932.4359	8	H 9	1076.5125	538.7602
1045.5200	9	L 8	939.4536	470.2307
1102.5414	10	G 7	826.3695	413.6887
1230.6000	11	Q 6	769.3481	385.1779
1317.6321	12	S 5	641.2895	321.1487
1480.6954	13	Y 4	554.2575	277.6326
1609.7380	14	E 3	391.1941	196.1010
1696.7700	15	S 2	262.1515	131.5797
	16	R 1	175.1195	88.0637

N-term:+35.07 C(6):+160.03

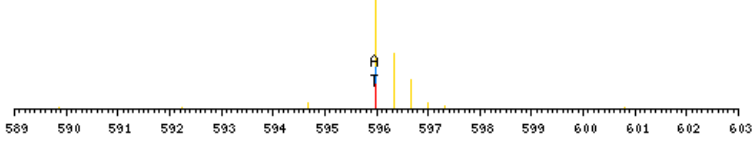
VDEYVKGHEEQQR, MH+ 1785.9135, m/z 595.9760
 L OS G24 P150811 220811-s1.02651.02651.3.dta

scan 2651; 4.6e-001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2650; 596.0 m/z; 1.0e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 14		
243.1345	2	D 13	1658.8139	829.9108
372.1771	3	E 12	1543.7869	772.3974
535.2404	4	Y 11	1414.7443	707.8761
634.3088	5	V 10	1251.6810	626.3444
790.4351	6	K 9	1152.6126	576.8102
903.5192	7	L 8	996.4863	498.7471
960.5406	8	G 7	883.4022	442.2050
1097.5995	9	H 6	826.3808	413.6943
1226.6421	10	E 5	689.3218	345.1648
1355.6847	11	E 4	560.2792	280.6435
1483.7433	12	Q 3	431.2367	216.1222
1611.8019	13	Q 2	303.1781	152.0930
	14	R 1	175.1195	88.0637

N-term:+29.04 K(6):+156.13

VDGSSSLGPSNFNAIR, MH+ 1648.8294, m/z 550.2813
 L OS G25 P150811 220811-s1.05635.05635.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

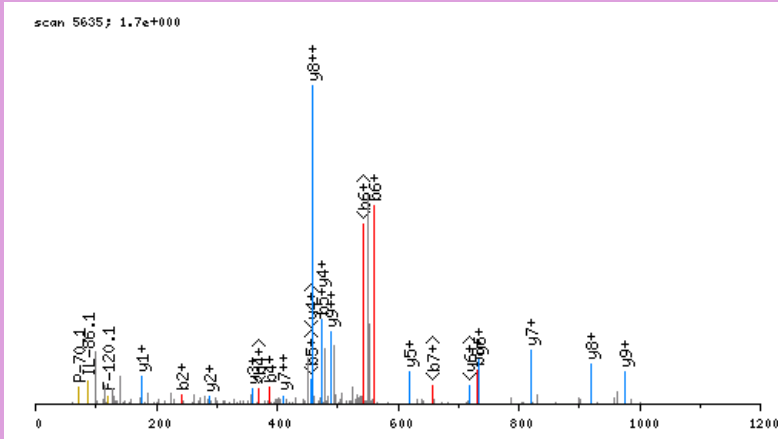
y + 2+ 3+

z + 2+ 3+

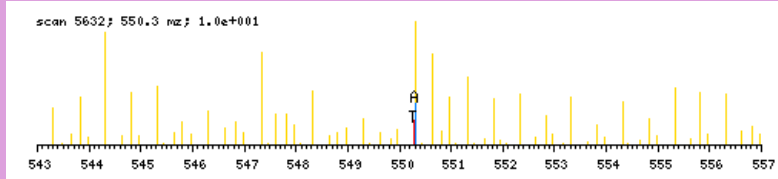
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 16		
243.1345	2	D 15	1521.7298	761.3688
300.1559	3	G 14	1406.7028	703.8553
387.1879	4	S 13	1349.6814	675.3446
474.2200	5	S 12	1262.6493	631.8286
561.2520	6	S 11	1175.6173	588.3126
674.3361	7	L 10	1088.5853	544.7965
731.3575	8	G 9	975.5012	488.2545
828.4103	9	P 8	918.4797	459.7438
915.4423	10	S 7	821.4270	411.2174
1029.4853	11	N 6	734.3949	367.7014
1176.5537	12	F 5	620.3520	310.6799
1290.5966	13	N 4	473.2836	237.1457
1361.6337	14	A 3	359.2407	180.1243
1474.7178	15	I 2	288.2036	144.6057
	16	R 1	175.1195	88.0637

N-term:+29.04

VDLEPTVIDEIR, MH+ 1426.7793, m/z 713.8933
 L OS G25 P150811 220811-s1.07459.07459.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

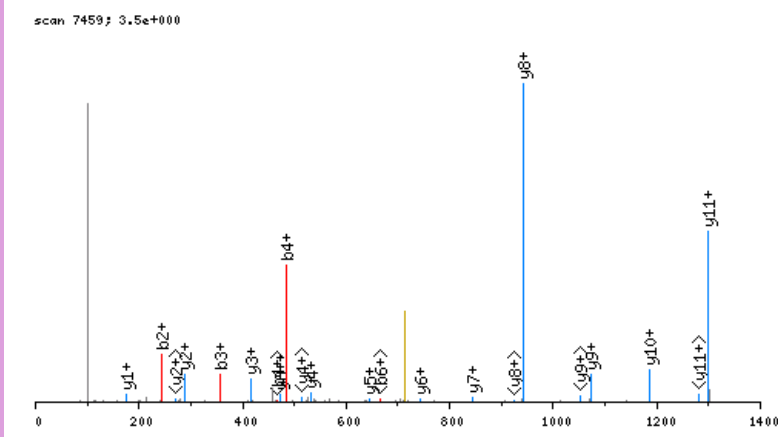
y + 2+ 3+

z + 2+ 3+

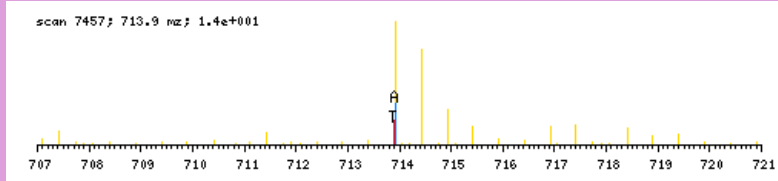
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 12		
243.1345	2	D 11	1299.6796	650.3437
356.2185	3	L 10	1184.6527	592.8303
485.2611	4	E 9	1071.5686	536.2882
582.3139	5	P 8	942.5260	471.7669
683.3616	6	T 7	845.4733	423.2405
782.4300	7	V 6	744.4256	372.7167
895.5140	8	I 5	645.3572	323.1825
1010.5410	9	D 4	532.2731	266.6405
1139.5836	10	E 3	417.2462	209.1270
1252.6676	11	I 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+29.04

VDLEPTVIDEVR, MH+ 1418.7955, m/z 473.6033
 H OS G24 P150811 220811-s1.04216.04216.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

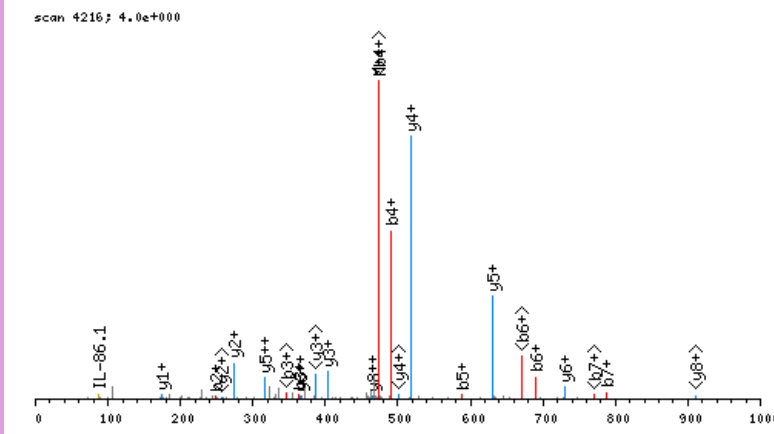
y + 2+ 3+

z + 2+ 3+

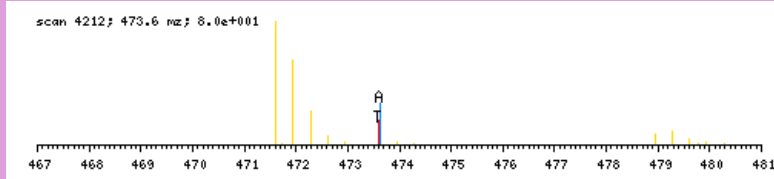
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V 12		
249.1663	2	D 11	1285.6640	643.3359
362.2503	3	L 10	1170.6370	585.8224
491.2929	4	E 9	1057.5530	529.2804
588.3457	5	P 8	928.5104	464.7591
689.3934	6	T 7	831.4576	416.2327
788.4618	7	V 6	730.4099	365.7089
901.5458	8	I 5	631.3415	316.1747
1016.5728	9	D 4	518.2575	259.6326
1145.6154	10	E 3	403.2305	202.1192
1244.6838	11	V 2	274.1879	137.5979
	12	R 1	175.1195	88.0637

N-term:+35.07

VDQEEKEDVKSCAEFVSGSQLR, MH+ 2624.2878, m/z 656.8274
 L OS G27 P150811 220811-s1.04756.04756.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

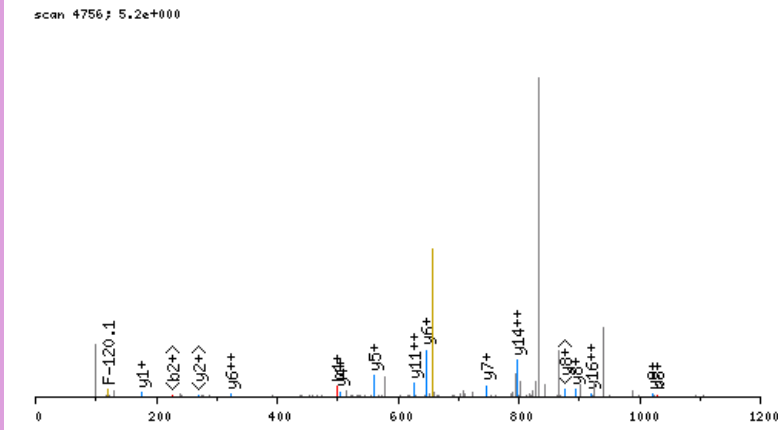
y + 2+ 3+

z + 2+ 3+

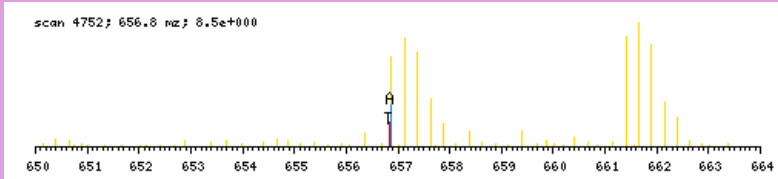
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



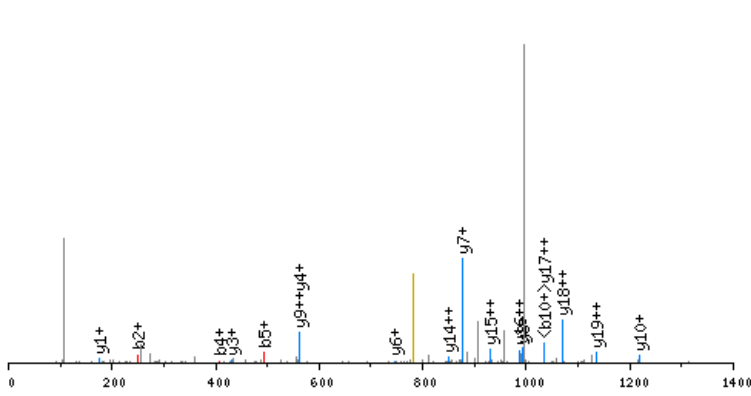
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
128.1075	1	V	22		
243.1345	2	D	21	2497.1881	1249.0980
371.1930	3	Q	20	2382.1611	1191.5845
500.2356	4	E	19	2254.1026	1127.5552
629.2782	5	E	18	2125.0600	1063.0339
785.4045	6	K	17	1996.0174	998.5126
914.4471	7	E	16	1839.8911	920.4495
1029.4741	8	D	15	1710.8485	855.9282
1128.5425	9	V	14	1595.8215	798.4147
1284.6688	10	K	13	1496.7531	748.8805
1371.7008	11	S	12	1340.6268	670.8173
1531.7314	12	C	11	1253.5948	627.3013
1602.7685	13	A	10	1093.5642	547.2860
1731.8111	14	E	9	1022.5271	511.7675
1878.8795	15	F	8	893.4845	447.2462
1977.9479	16	V	7	746.4161	373.7120
2064.9800	17	S	6	647.3477	324.1777
2122.0014	18	G	5	560.3156	280.6617
2209.0335	19	S	4	503.2942	252.1510
2337.0920	20	Q	3	416.2621	208.6350
2450.1761	21	L	2	288.2036	144.6057
	22	R	1	175.1195	88.0637

N-term:+29.04 K(6):+156.13
 K(10):+156.13 C(12):+160.03

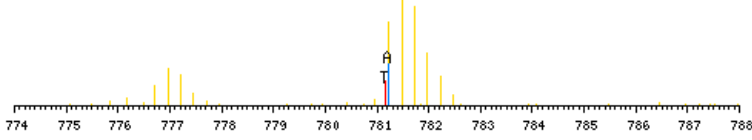
VDSASPVYQAVIKTQSKPEDEADEWAR, MH+ 3121.6542, m/z 781.1690
 H OS G27 P150811 220811-s1.06401.06401.4.dta

scan 6401; 4.3e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6397; 781.2 m/z; 5.8e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V	27	
249.1663	2	D	26	2988.5227 1494.7653
336.1983	3	S	25	2873.4958 1437.2518
407.2354	4	A	24	2786.4638 1393.7358
494.2674	5	S	23	2715.4267 1358.2172
591.3202	6	P	22	2628.3946 1314.7012
690.3886	7	V	21	2531.3419 1266.1748
853.4519	8	Y	20	2432.2735 1216.6406
981.5105	9	Q	19	2269.2101 1135.1090
1052.5476	10	A	18	2141.1515 1071.0797
1151.6160	11	V	17	2070.1144 1035.5611
1264.7001	12	I	16	1971.0460 986.0269
1426.8582	13	K	15	1857.9620 929.4849
1527.9059	14	T	14	1695.8039 848.4058
1655.9645	15	Q	13	1594.7562 797.8820
1742.9965	16	S	12	1466.6976 733.8527
1905.1546	17	K	11	1379.6656 690.3367
2002.2074	18	P	10	1217.5075 609.2576
2131.2499	19	E	9	1120.4547 560.7313
2246.2769	20	D	8	991.4121 496.2100
2375.3195	21	E	7	876.3852 438.6965
2446.3566	22	A	6	747.3426 374.1752
2561.3835	23	D	5	676.3055 338.6566
2690.4261	24	E	4	561.2785 281.1432
2876.5054	25	W	3	432.2359 216.6219
2947.5426	26	A	2	246.1566 123.5822
	27	R	1	175.1195 88.0637

N-term: +35.07 K(13) : +162.16
 K(17) : +162.16

VDVHPESQTAAGR, MH+ 1394.7028, m/z 465.5724
 L OS G27 P150811 220811-s1.02136.02136.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

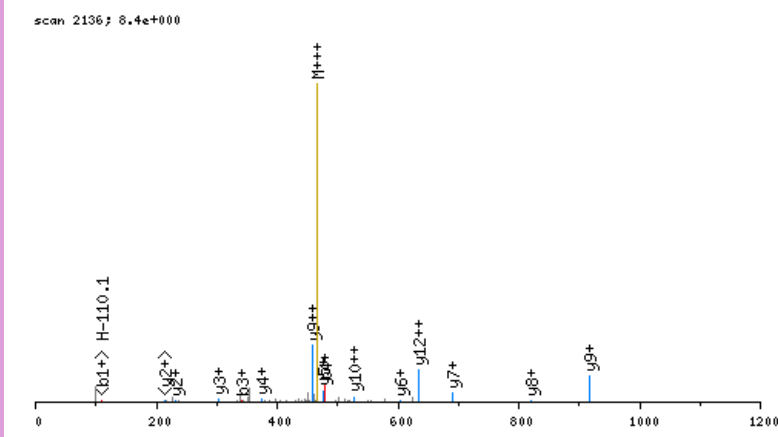
y + 2+ 3+

z + 2+ 3+

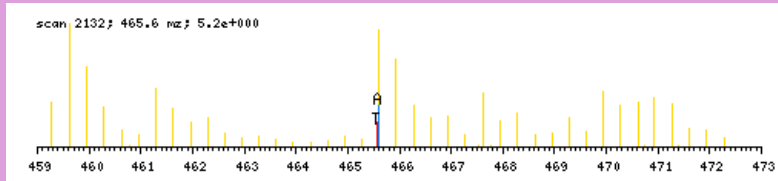
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 13		
243.1345	2	D 12	1267.6031	634.3055
342.2029	3	V 11	1152.5762	576.7920
479.2618	4	H 10	1053.5077	527.2578
576.3145	5	P 9	916.4488	458.7283
705.3571	6	E 8	819.3961	410.2019
792.3892	7	S 7	690.3535	345.6807
920.4477	8	Q 6	603.3214	302.1646
1021.4954	9	T 5	475.2629	238.1353
1092.5325	10	A 4	374.2152	187.6115
1163.5697	11	A 3	303.1781	152.0930
1220.5911	12	G 2	232.1410	116.5744
	13	R 1	175.1195	88.0637

N-term:+29.04

VDVPAADLSDQVPDPTDSETR, MH+ 2158.0151, m/z 720.0099
 L OS G24 P150811 220811-s1.03763.03763.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

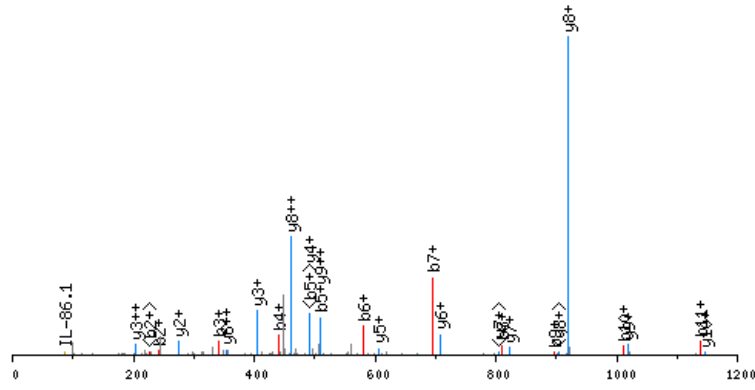
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

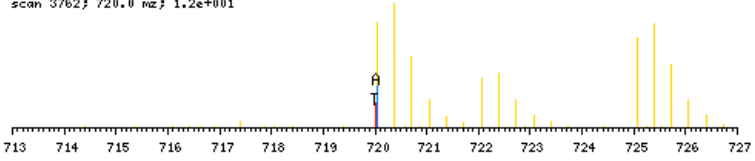
GO

scan 3763; 5.6e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 3762; 720.0 m/z; 1.2e+001



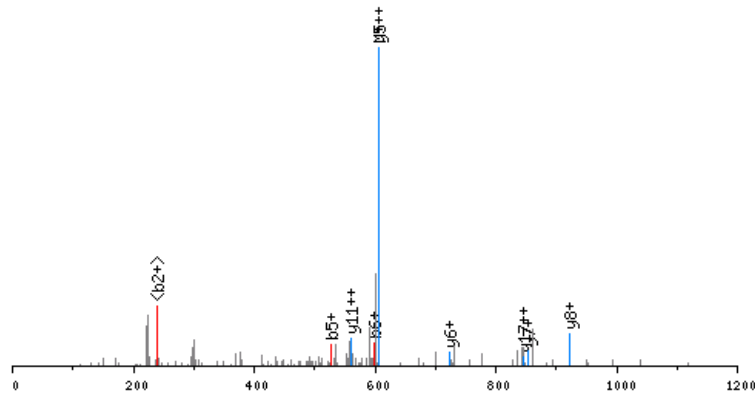
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 20		
243.1345	2	D 19	2030.9154	1015.9616
342.2029	3	V 18	1915.8885	958.4482
439.2556	4	P 17	1816.8201	908.9140
510.2927	5	A 16	1719.7673	860.3876
581.3299	6	A 15	1648.7302	824.8690
696.3568	7	D 14	1577.6931	789.3505
809.4409	8	L 13	1462.6662	731.8370
896.4729	9	S 12	1349.5821	675.2950
1011.4998	10	D 11	1262.5501	631.7789
1139.5584	11	Q 10	1147.5231	574.2655
1238.6268	12	V 9	1019.4645	510.2362
1335.6796	13	P 8	920.3961	460.7020
1450.7065	14	D 7	823.3434	412.1756
1551.7542	15	T 6	708.3164	354.6621
1666.7812	16	D 5	607.2687	304.1383
1753.8132	17	S 4	492.2418	246.6248
1882.8558	18	E 3	405.2098	203.1088
1983.9035	19	T 2	276.1672	138.5875
	20	R 1	175.1195	88.0637

N-term:+29.04

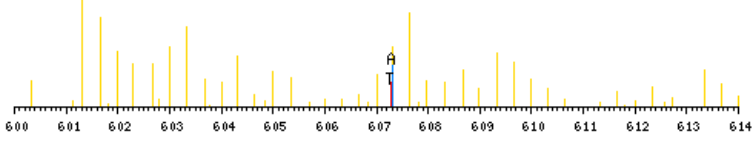
VEAEAAVGAAAEDSCDAR, MH+ 1819.8132, m/z 607.2759
 L OS G24 P150811 220811-s1.03030.03030.3.dta

scan 3030; 1.1e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 3027; 607.3 m/z; 1.4e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 18		
257.1501	2	E 17	1692.7135	846.8606
328.1872	3	A 16	1563.6709	782.3394
457.2298	4	E 15	1492.6338	746.8208
528.2669	5	A 14	1363.5912	682.2995
599.3040	6	A 13	1292.5541	646.7809
698.3725	7	V 12	1221.5169	611.2624
755.3939	8	G 11	1122.4485	561.7282
826.4310	9	A 10	1065.4271	533.2174
897.4681	10	A 9	994.3899	497.6989
968.5053	11	A 8	923.3528	462.1803
1097.5479	12	E 7	852.3157	426.6618
1212.5748	13	D 6	723.2731	362.1405
1299.6068	14	S 5	608.2462	304.6270
1459.6374	15	C 4	521.2142	261.1110
1574.6644	16	D 3	361.1836	181.0957
1645.7015	17	A 2	246.1566	123.5822
	18	R 1	175.1195	88.0637

N-term:+29.04 C(15):+160.03

VEDQEFHISSFEER, MH+ 1785.8507, m/z 595.9551
 H OS G27 P150811 220811-s1.05618.05618.3.dta

scan 5618; 2.9e+000

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

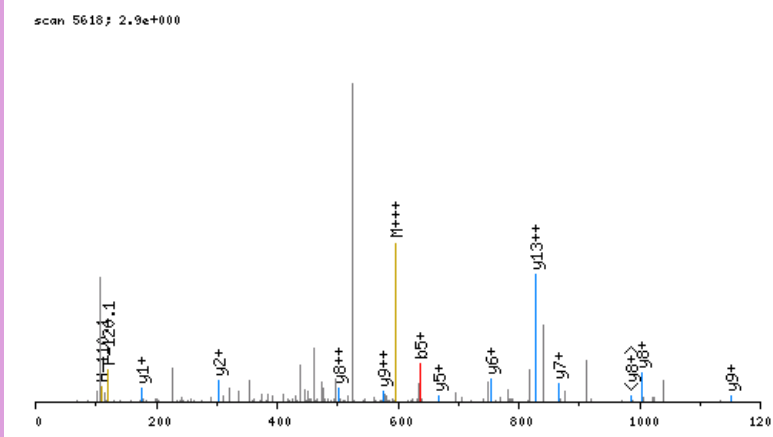
y + 2+ 3+

z + 2+ 3+

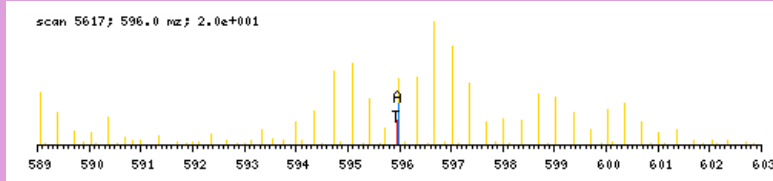
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V 14		
263.1819	2	E 13	1652.7193	826.8635
378.2089	3	D 12	1523.6767	762.3422
506.2674	4	Q 11	1408.6497	704.8288
635.3100	5	E 10	1280.5911	640.7995
782.3784	6	F 9	1151.5485	576.2782
919.4373	7	H 8	1004.4801	502.7440
1032.5214	8	I 7	867.4212	434.2145
1119.5534	9	S 6	754.3372	377.6725
1206.5855	10	S 5	667.3051	334.1565
1353.6539	11	F 4	580.2731	290.6405
1482.6965	12	E 3	433.2047	217.1063
1611.7391	13	E 2	304.1621	152.5850
	14	R 1	175.1195	88.0637

N-term:+35.07

scan 8061; 2.0e+000

X-range:

0 - 0

MassTol: Y-zoom:

0. 1.

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

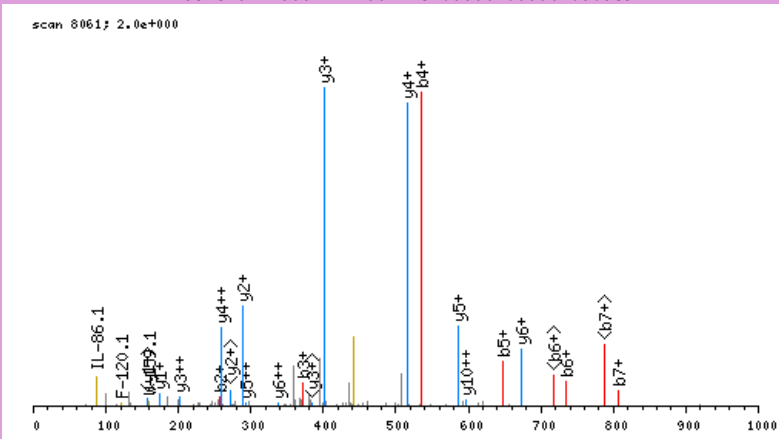
y + 2+ 3+

z + 2+ 3+

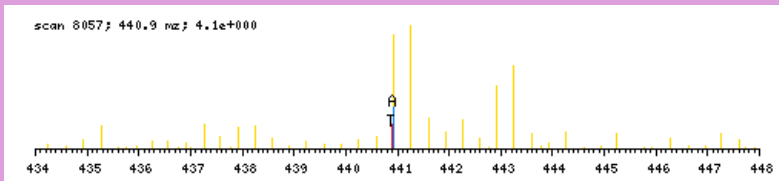
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 11		
257.1501	2	E 10	1193.6166	597.3122
372.1771	3	D 9	1064.5740	532.7909
535.2404	4	Y 8	949.5471	475.2775
648.3244	5	L 7	786.4838	393.7458
735.3565	6	S 6	673.3997	337.2038
806.3936	7	A 5	586.3677	293.6877
919.4776	8	I 4	515.3306	258.1692
1032.5617	9	L 3	402.2465	201.6272
1146.6046	10	N 2	289.1624	145.0851
	11	R 1	175.1195	88.0637

N-term:+29.04

VEGELYCETHAR, MH+ 1491.6901, m/z 497.9016
 L OS G27 P150811 220811-s1.02734.02734.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

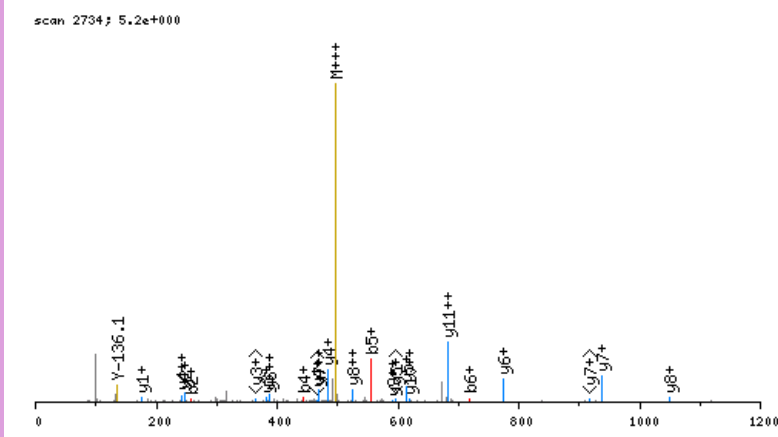
y + 2+ 3+

z + 2+ 3+

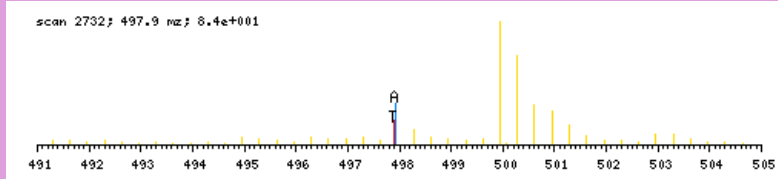
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



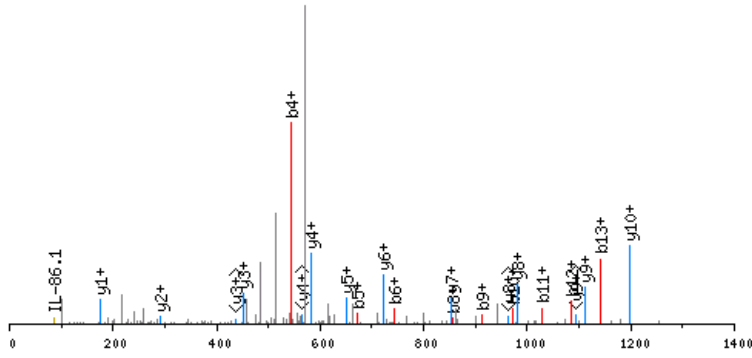
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 12		
257.1501	2	E 11	1364.5904	682.7991
314.1716	3	G 10	1235.5478	618.2778
443.2142	4	E 9	1178.5264	589.7671
556.2982	5	L 8	1049.4838	525.2458
719.3616	6	Y 7	936.3997	468.7038
879.3922	7	C 6	773.3364	387.1721
1008.4347	8	E 5	613.3058	307.1568
1109.4824	9	T 4	484.2632	242.6355
1246.5413	10	H 3	383.2155	192.1117
1317.5785	11	A 2	246.1566	123.5822
	12	R 1	175.1195	88.0637

N-term:+29.04 C(7):+160.03

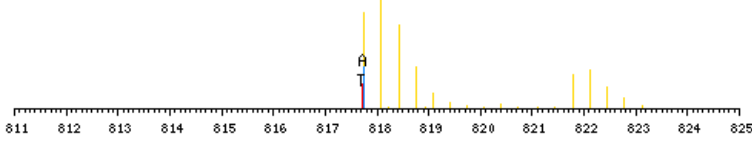
VEKEEAGGGGGGISEEEAAQYDR, MH+ 2451.1276, m/z 817.7140
 L OS G26 P150811 220811-s1.02786.02786.3.dta

scan 2786; 2.9e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 2785; 817.7 m/z; 2.2e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 24		
257.1501	2	E 23	2324.0279	1162.5179
413.2764	3	K 22	2194.9853	1097.9966
542.3190	4	E 21	2038.8590	1019.9334
671.3616	5	E 20	1909.8164	955.4121
742.3987	6	A 19	1780.7738	890.8908
799.4202	7	G 18	1709.7367	855.3723
856.4416	8	G 17	1652.7152	826.8615
913.4631	9	G 16	1595.6938	798.3508
970.4846	10	G 15	1538.6723	769.8401
1027.5060	11	G 14	1481.6508	741.3293
1084.5275	12	G 13	1424.6294	712.8186
1141.5490	13	G 12	1367.6079	684.3079
1254.6330	14	I 11	1310.5864	655.7971
1341.6650	15	S 10	1197.5024	599.2551
1470.7076	16	E 9	1110.4704	555.7391
1599.7502	17	E 8	981.4278	491.2178
1728.7928	18	E 7	852.3852	426.6965
1799.8299	19	A 6	723.3426	362.1752
1870.8671	20	A 5	652.3055	326.6566
1998.9256	21	Q 4	581.2683	291.1381
2161.9890	22	Y 3	453.2098	227.1088
2277.0159	23	D 2	290.1464	145.5771
	24	R 1	175.1195	88.0637

N-term:+29.04 K(3):+156.13

VEKGAEAGSQAEGSPLHPR, MH+ 1976.0201, m/z 494.7605
 L OS G28 P150811 220811-s1.02271.02271.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

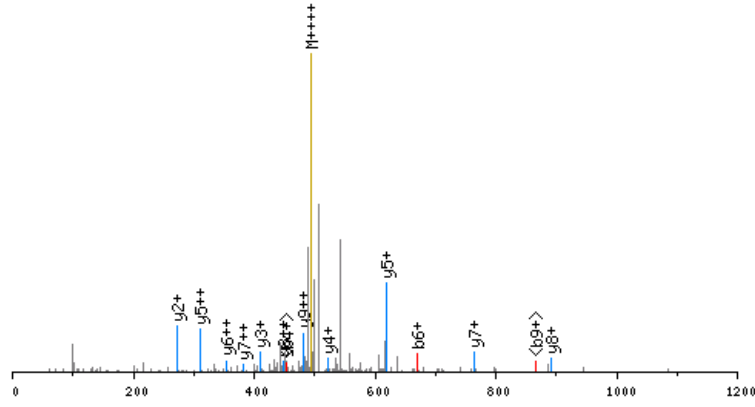
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

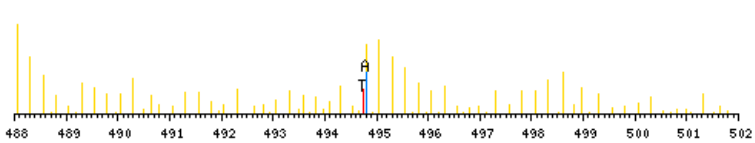
GO

scan 2271; 2.4e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2268; 494.8 m/z; 9.8e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 19		
257.1501	2	E 18	1848.9205	924.9641
413.2764	3	K 17	1719.8779	860.4428
470.2979	4	G 16	1563.7516	782.3797
541.3350	5	A 15	1506.7301	753.8690
670.3776	6	E 14	1435.6930	718.3504
741.4147	7	A 13	1306.6504	653.8291
798.4362	8	G 12	1235.6133	618.3105
885.4682	9	S 11	1178.5918	589.7998
1013.5268	10	Q 10	1091.5598	546.2838
1084.5639	11	A 9	963.5012	482.2545
1213.6065	12	E 8	892.4641	446.7360
1270.6279	13	G 7	763.4215	382.2147
1357.6600	14	S 6	706.4000	353.7039
1454.7127	15	P 5	619.3680	310.1879
1567.7968	16	L 4	522.3152	261.6615
1704.8557	17	H 3	409.2312	205.1195
1801.9085	18	P 2	272.1723	136.5900
	19	R 1	175.1195	88.0637

N-term:+29.04 K(3):+156.13

VELGEELEAVTARPEAVER, MH+ 2254.1567, m/z 752.0571
 L OS G26 P150811 220811-s1.05649.05649.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

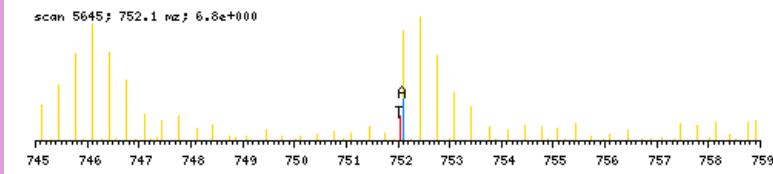
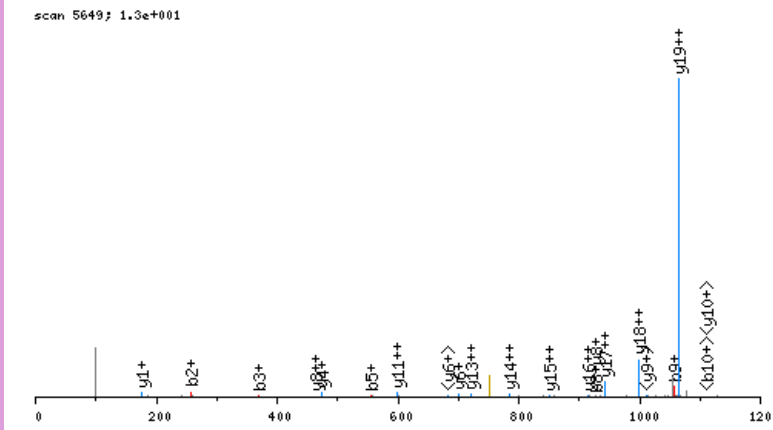
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO



b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V	20	
257.1501	2	E	19	1064.0324
370.2342	3	L	18	999.5111
427.2556	4	G	17	942.9691
556.2982	5	E	16	914.4583
685.3408	6	E	15	849.9370
814.3834	7	E	14	785.4157
927.4675	8	L	13	720.8944
1056.5101	9	E	12	664.3524
1127.5472	10	A	11	599.8311
1226.6156	11	V	10	564.3126
1327.6633	12	T	9	514.7784
1398.7004	13	A	8	464.2545
1554.8015	14	R	7	428.7360
1651.8543	15	P	6	350.6854
1780.8969	16	E	5	302.1590
1851.9340	17	A	4	237.6377
1951.0024	18	V	3	202.1192
2080.0450	19	E	2	152.5850
	20	R	1	88.0637

N-term:+29.04

VEVGPEDEVGAER, MH+ 1528.7131, m/z 764.8602
 L OS G25 P150811 220811-s1.03731.03731.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

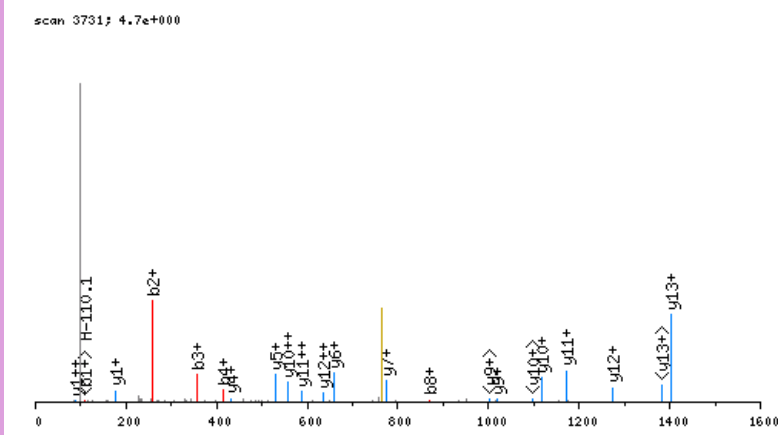
y + 2+ 3+

z + 2+ 3+

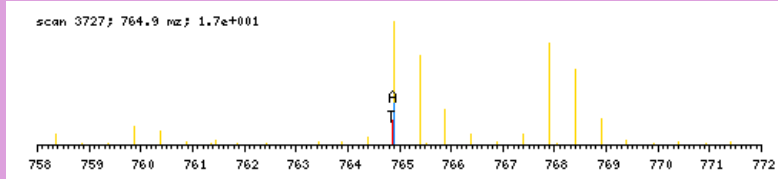
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 14		
257.1501	2	E 13	1401.6134	701.3106
356.2185	3	V 12	1272.5708	636.7893
413.2400	4	G 11	1173.5024	587.2551
510.2927	5	P 10	1116.4809	558.7444
639.3353	6	E 9	1019.4282	510.2180
754.3623	7	D 8	890.3856	445.6967
869.3892	8	D 7	775.3586	388.1832
998.4318	9	E 6	660.3317	330.6698
1097.5002	10	V 5	531.2891	266.1485
1154.5217	11	G 4	432.2207	216.6142
1225.5588	12	A 3	375.1992	188.1035
1354.6014	13	E 2	304.1621	152.5850
	14	R 1	175.1195	88.0637

N-term:+29.04

VGDLSPQQQEALAR, MH+ 1539.8131, m/z 513.9425
 L OS G25 P150811 220811-s1.03988.03988.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

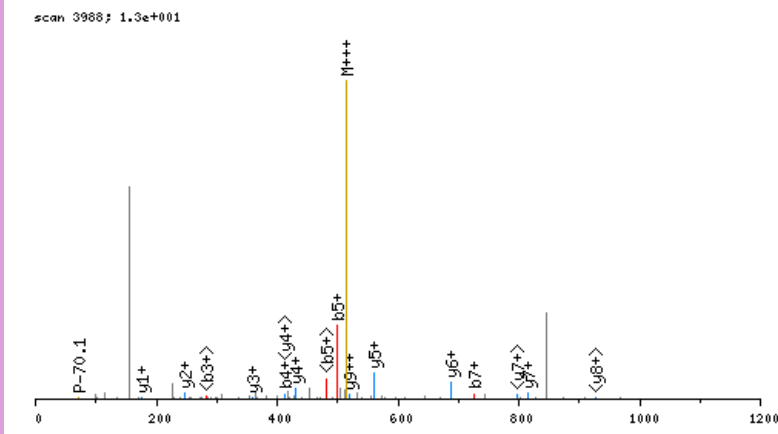
y + 2+ 3+

z + 2+ 3+

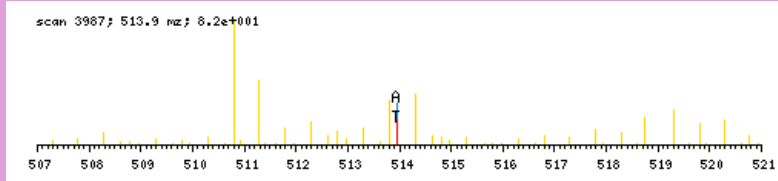
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 14		
185.1290	2	G 13	1412.7134	706.8606
300.1559	3	D 12	1355.6919	678.3499
413.2400	4	L 11	1240.6650	620.8364
500.2720	5	S 10	1127.5809	564.2944
597.3248	6	P 9	1040.5489	520.7784
725.3834	7	Q 8	943.4961	472.2520
853.4419	8	Q 7	815.4375	408.2227
981.5005	9	Q 6	687.3790	344.1934
1110.5431	10	E 5	559.3204	280.1641
1181.5802	11	A 4	430.2778	215.6428
1294.6643	12	L 3	359.2407	180.1243
1365.7014	13	A 2	246.1566	123.5822
	14	R 1	175.1195	88.0637

N-term:+29.04

VGEGMEEGEGFSEAR, MH+ 1554.6746, m/z 777.8409
 L OS G25 P150811 220811-s1.04135.04135.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

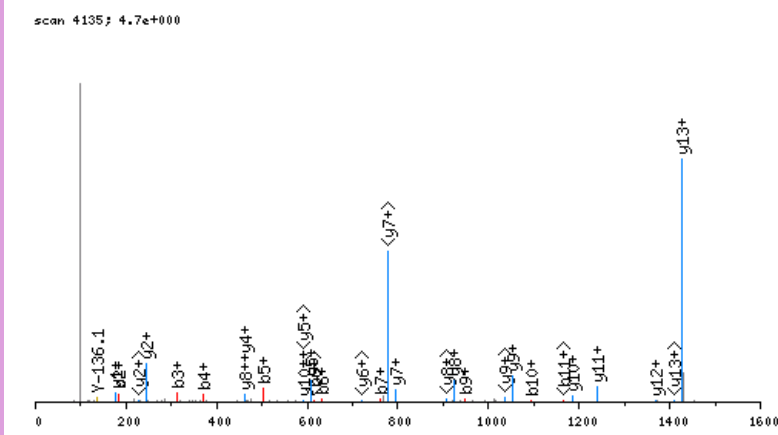
y + 2+ 3+

z + 2+ 3+

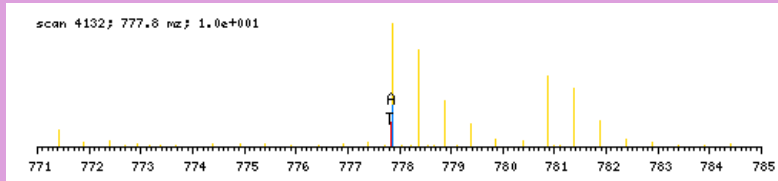
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 14		
185.1290	2	G 13	1427.5749	714.2914
314.1716	3	E 12	1370.5534	685.7806
371.1930	4	G 11	1241.5108	621.2593
502.2335	5	M 10	1184.4894	592.7486
631.2761	6	E 9	1053.4489	527.2284
760.3187	7	E 8	924.4063	462.7071
817.3402	8	G 7	795.3637	398.1858
946.3828	9	E 6	738.3422	369.6750
1093.4512	10	F 5	609.2997	305.1537
1180.4832	11	S 4	462.2312	231.6195
1309.5258	12	E 3	375.1992	188.1035
1380.5629	13	A 2	246.1566	123.5822
	14	R 1	175.1195	88.0637

N-term:+29.04

VGGEASAAVEKLVSGVR, MH+ 1697.0234, m/z 566.3460
 H OS G26 P150811 220811-s1.05683.05683.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

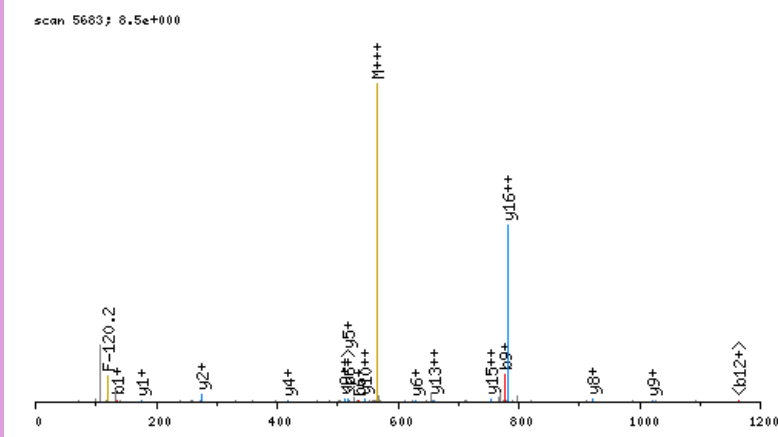
y + 2+ 3+

z + 2+ 3+

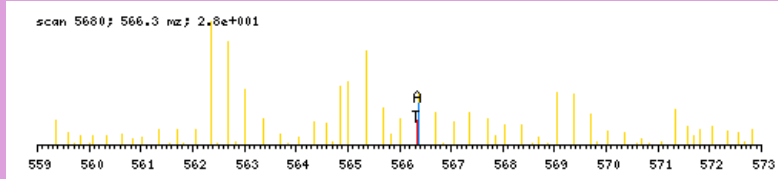
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



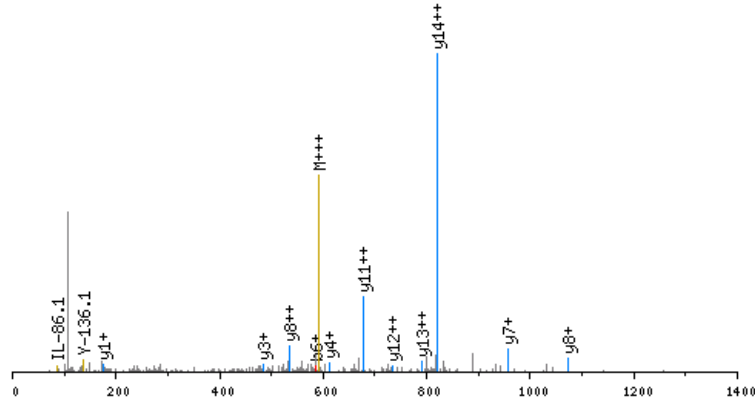
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V 17		
191.1608	2	G 16	1563.8919	782.4499
248.1822	3	G 15	1506.8704	753.9391
377.2248	4	E 14	1449.8490	725.4284
448.2619	5	A 13	1320.8064	660.9071
535.2940	6	S 12	1249.7692	625.3885
606.3311	7	A 11	1162.7372	581.8725
677.3682	8	A 10	1091.7001	546.3540
776.4366	9	V 9	1020.6630	510.8354
905.4792	10	E 8	921.5946	461.3012
1067.6373	11	K 7	792.5520	396.7799
1180.7214	12	L 6	630.3939	315.7009
1279.7898	13	V 5	517.3098	259.1588
1366.8218	14	S 4	418.2414	209.6246
1423.8433	15	G 3	331.2094	166.1086
1522.9117	16	V 2	274.1879	137.5979
	17	R 1	175.1195	88.0637

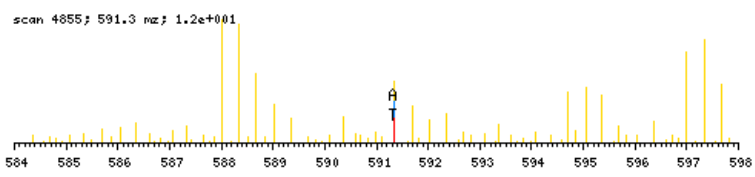
N-term:+35.07 K(11):+162.16

VGNLPADITEDEFKFR, MH+ 1771.9867, m/z 591.3337
 H OS G26 P150811 220811-s1.04859.04859.3.dta

scan 4859; 2.0e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
134.1393	1	V	15		
191.1608	2	G	14	1638.8552	819.9315
305.2037	3	N	13	1581.8337	791.4208
418.2878	4	L	12	1467.7908	734.3993
515.3405	5	P	11	1354.7067	677.8573
586.3776	6	A	10	1257.6539	629.3309
701.4046	7	D	9	1186.6168	593.8123
814.4887	8	I	8	1071.5899	536.2989
915.5363	9	T	7	958.5058	479.7568
1044.5789	10	E	6	857.4581	429.2330
1159.6059	11	D	5	728.4156	364.7117
1288.6485	12	E	4	613.3886	307.1982
1435.7169	13	F	3	484.3460	242.6769
1597.8750	14	K	2	337.2776	169.1427
	15	R	1	175.1195	88.0637

N-term:+35.07 K(14):+162.16

VGQPGAAGPVSPMCPGR, MH+ 1665.8204, m/z 555.9450
 L OS G25 P150811 220811-s1.03944.03944.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

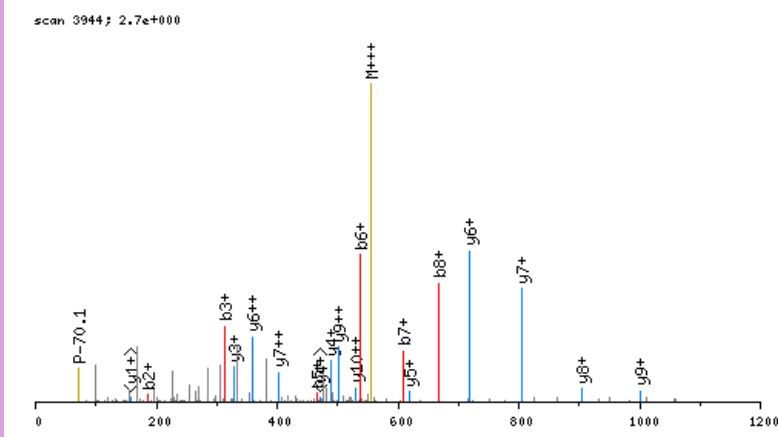
y + 2+ 3+

z + 2+ 3+

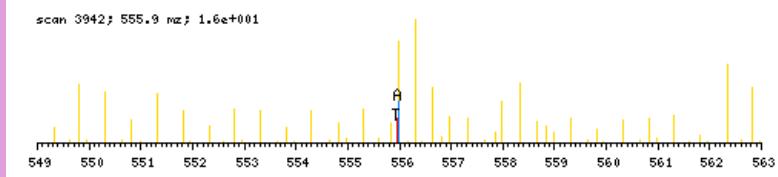
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



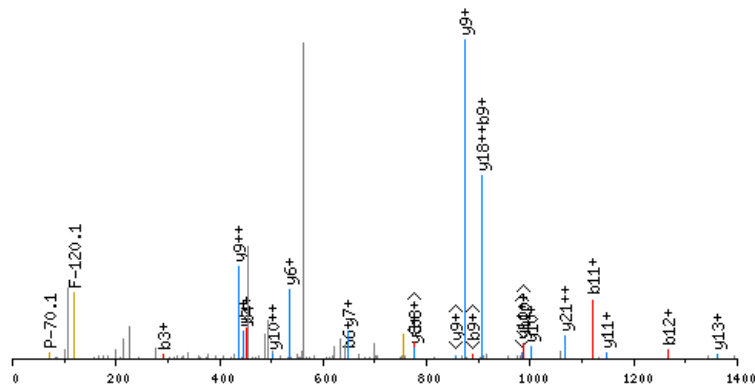
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 17		
185.1290	2	G 16	1538.7207	769.8643
313.1876	3	Q 15	1481.6993	741.3536
410.2403	4	P 14	1353.6407	677.3243
467.2618	5	G 13	1256.5879	628.7979
538.2989	6	A 12	1199.5665	600.2871
609.3360	7	A 11	1128.5294	564.7686
666.3575	8	G 10	1057.4922	529.2500
763.4102	9	P 9	1000.4708	500.7393
862.4787	10	V 8	903.4180	452.2129
949.5107	11	S 7	804.3496	402.6787
1046.5634	12	P 6	717.3176	359.1627
1177.6039	13	M 5	620.2648	310.6363
1337.6345	14	C 4	489.2243	245.1161
1434.6873	15	P 3	329.1937	165.1008
1491.7088	16	G 2	232.1410	116.5744
	17	R 1	175.1195	88.0637

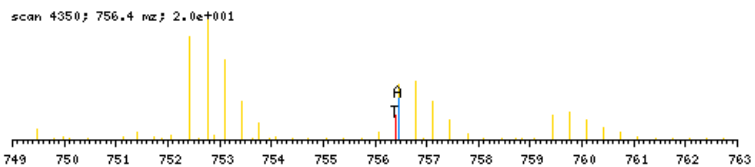
N-term:+29.04 C(14):+160.03

VGKPKVGSDDPDFQPELSGAGSR, MH+ 2267.2308, m/z 756.4151
 H OS G26 P150811 220811-s1.04353.04353.3.dta

scan 4353; 2.8e+000



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V 22		
191.1608	2	G 21	2134.0993	1067.5536
290.2292	3	V 20	2077.0778	1039.0428
452.3873	4	K 19	1978.0094	989.5086
549.4401	5	P 18	1815.8513	908.4296
648.5085	6	V 17	1718.7986	859.9032
705.5299	7	G 16	1619.7302	810.3690
792.5620	8	S 15	1562.7087	781.8583
907.5889	9	D 14	1475.6767	738.3422
1004.6417	10	P 13	1360.6497	680.8288
1119.6686	11	D 12	1263.5970	632.3024
1266.7370	12	F 11	1148.5700	574.7889
1394.7956	13	Q 10	1001.5016	501.2547
1491.8484	14	P 9	873.4430	437.2254
1620.8910	15	E 8	776.3903	388.6990
1733.9750	16	L 7	647.3477	324.1777
1821.0071	17	S 6	534.2636	267.6357
1878.0285	18	G 5	447.2316	224.1197
1949.0656	19	A 4	390.2101	195.6090
2006.0871	20	G 3	319.1730	160.0904
2093.1191	21	S 2	262.1515	131.5797
	22	R 1	175.1195	88.0637

N-term:+35.07 K(4):+162.16

VGVNKMDSTEPAYSEKR, MH+ 2013.1176, m/z 504.0348
 H OS G28 P150811 220811-s1.02834.02834.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

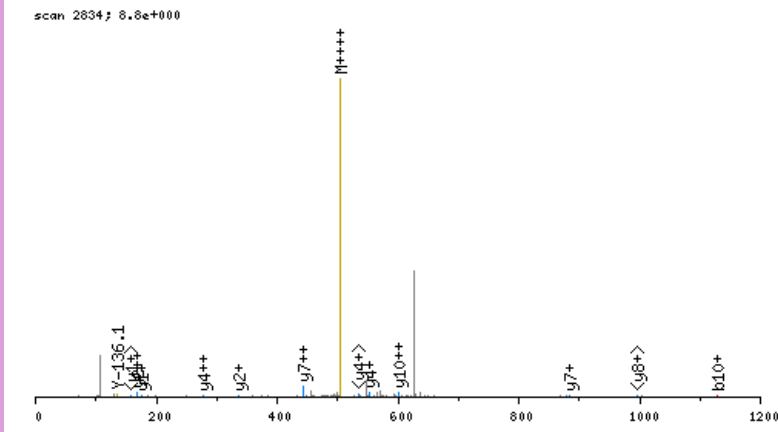
y + 2+ 3+

z + 2+ 3+

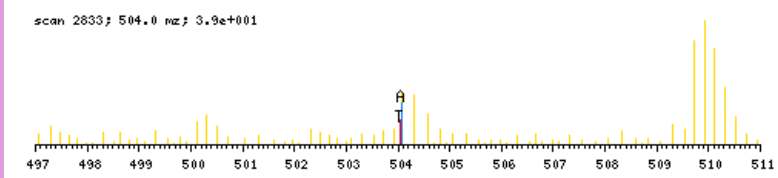
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



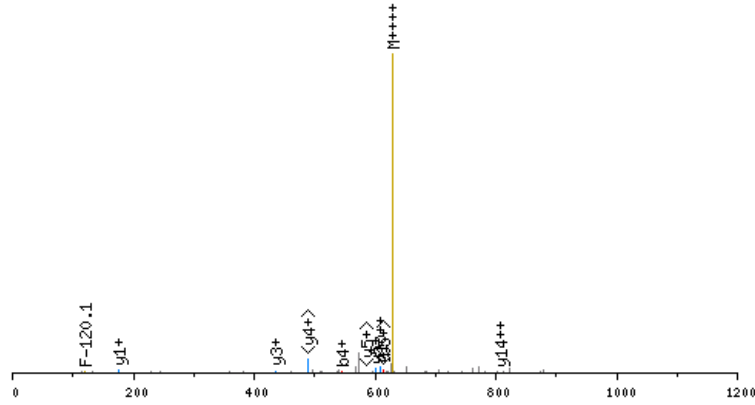
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V 17		
191.1608	2	G 16	1879.9861	940.4969
290.2292	3	V 15	1822.9646	911.9862
404.2721	4	N 14	1723.8962	862.4520
566.4302	5	K 13	1609.8533	805.4305
697.4707	6	M 12	1447.6952	724.3515
812.4976	7	D 11	1316.6547	658.8312
899.5297	8	S 10	1201.6277	601.3178
1000.5774	9	T 9	1114.5957	557.8018
1129.6199	10	E 8	1013.5480	507.2779
1226.6727	11	P 7	884.5054	442.7566
1297.7098	12	A 6	787.4527	394.2302
1460.7732	13	Y 5	716.4156	358.7117
1547.8052	14	S 4	553.3522	277.1800
1676.8478	15	E 3	466.3202	233.6640
1839.0059	16	K 2	337.2776	169.1427
	17	R 1	175.1195	88.0637

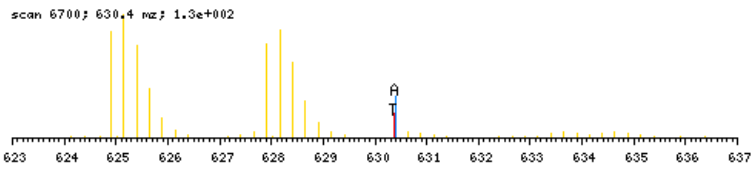
N-term:+35.07 K(5):+162.16
 K(16):+162.16

VHHHSTVADGLITTLHYPAKPR, MH+ 2518.4319, m/z 630.3634
 H OS G26 P150811 220811-s1.06704.06704.4.dta

scan 6704; 2.0e+001



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V 22		
271.1982	2	H 21	2385.3004	1193.1541
408.2571	3	H 20	2248.2415	1124.6247
545.3160	4	H 19	2111.1826	1056.0952
632.3481	5	S 18	1974.1237	987.5657
733.3958	6	T 17	1887.0916	944.0497
832.4642	7	V 16	1786.0440	893.5259
903.5013	8	A 15	1686.9756	843.9917
1018.5282	9	D 14	1615.9384	808.4731
1075.5497	10	G 13	1500.9115	750.9597
1188.6338	11	L 12	1443.8900	722.4489
1301.7178	12	I 11	1330.8060	665.9069
1402.7655	13	T 10	1217.7219	609.3649
1503.8132	14	T 9	1116.6742	558.8410
1616.8972	15	L 8	1015.6265	508.3172
1753.9562	16	H 7	902.5425	451.7752
1917.0195	17	Y 6	765.4836	383.2457
2014.0722	18	P 5	602.4202	301.7140
2085.1094	19	A 4	505.3675	253.1877
2182.1621	20	P 3	434.3304	217.6691
2344.3202	21	K 2	337.2776	169.1427
	22	R 1	175.1195	88.0637

N-term:+35.07 K(21):+162.16

VHPESSEGEHHSVVPQR, MH+ 1936.9577, m/z 484.9949
 H OS G28 P150811 220811-s1.02329.02329.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

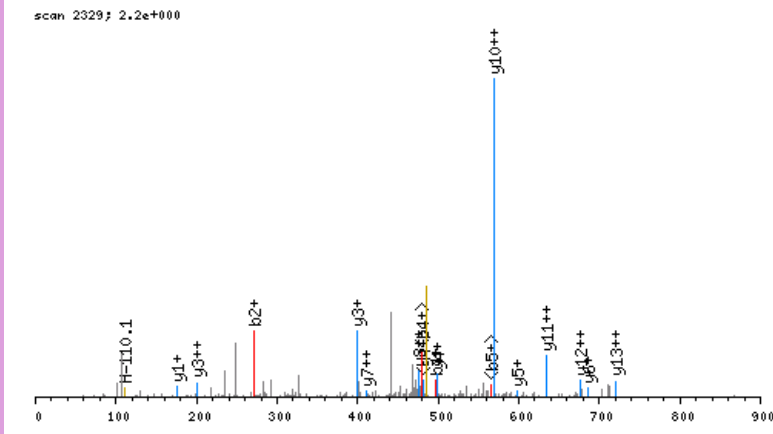
y + 2+ 3+

z + 2+ 3+

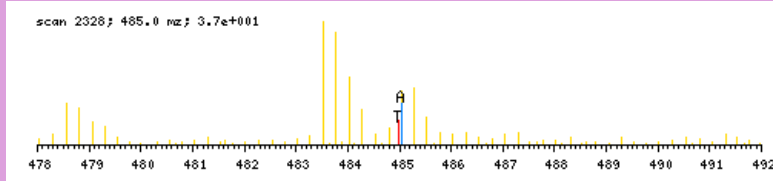
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V 17		
271.1982	2	H 16	1803.8262	902.4170
368.2510	3	P 15	1666.7673	833.8875
497.2936	4	E 14	1569.7145	785.3612
584.3256	5	S 13	1440.6719	720.8399
671.3576	6	S 12	1353.6399	677.3239
800.4002	7	E 11	1266.6079	633.8078
857.4217	8	G 10	1137.5653	569.2865
986.4643	9	E 9	1080.5438	540.7758
1115.5069	10	E 8	951.5012	476.2545
1252.5658	11	H 7	822.4586	411.7332
1339.5978	12	S 6	685.3997	343.2038
1438.6662	13	V 5	598.3677	299.6877
1537.7347	14	V 4	499.2993	250.1535
1634.7874	15	P 3	400.2308	200.6193
1762.8460	16	Q 2	303.1781	152.0930
	17	R 1	175.1195	88.0637

N-term:+35.07

VHVTDLGKETICR, MH+ 1670.8899, m/z 418.4779
 L OS G28 P150811 220811-s1.03946.03946.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

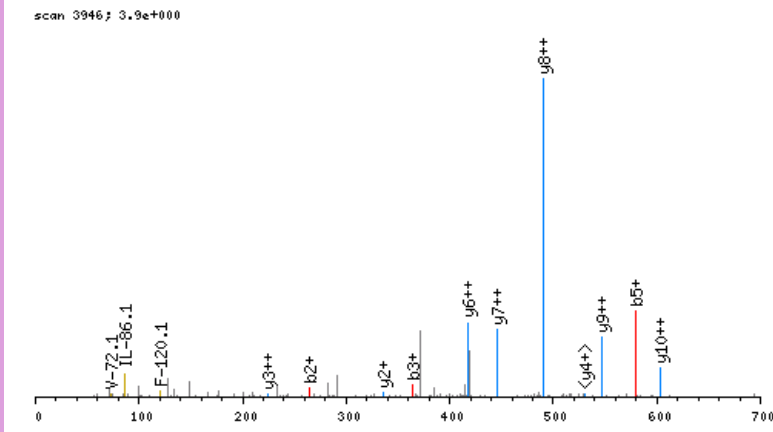
y + 2+ 3+

z + 2+ 3+

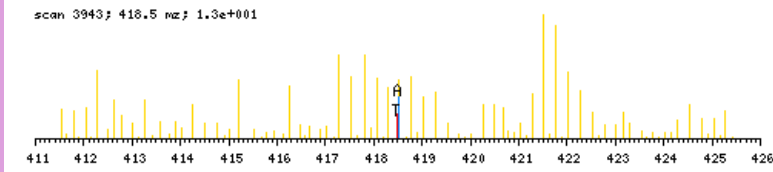
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
128.1075	1	V	14		
265.1664	2	H	13	1543.7902	772.3990
364.2348	3	V	12	1406.7313	703.8696
465.2825	4	T	11	1307.6629	654.3354
580.3095	5	D	10	1206.6152	603.8115
693.3935	6	L	9	1091.5883	546.2981
780.4256	7	S	8	978.5042	489.7560
837.4470	8	G	7	891.4722	446.2400
993.5733	9	K	6	834.4507	417.7293
1122.6159	10	E	5	678.3244	339.6661
1223.6636	11	T	4	549.2818	275.1448
1336.7477	12	I	3	448.2342	224.6210
1496.7783	13	C	2	335.1501	168.0790
	14	R	1	175.1195	88.0637

N-term:+29.04 K(9):+156.13
 C(13):+160.03

VISSGHAELAR, MH+ 1302.7230, m/z 434.9125
 H OS G27 P150811 220811-s1.02203.02203.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

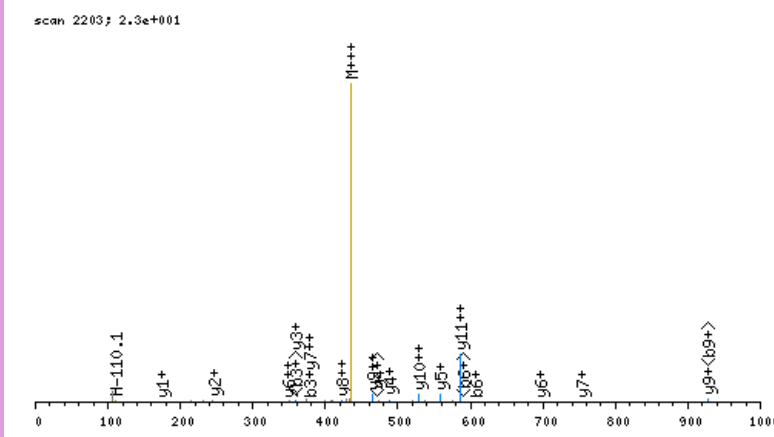
y + 2+ 3+

z + 2+ 3+

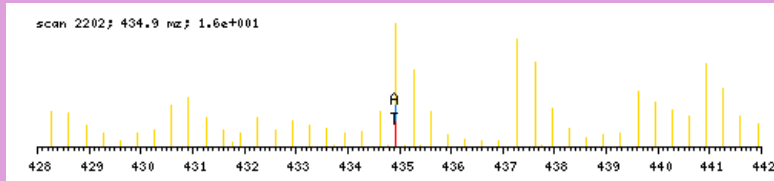
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V 12		
247.2234	2	I 11	1169.5915	585.2997
376.2660	3	E 10	1056.5074	528.7576
463.2980	4	S 9	927.4648	464.2363
550.3300	5	S 8	840.4328	420.7203
607.3515	6	G 7	753.4008	377.2043
744.4104	7	H 6	696.3793	348.6936
815.4475	8	A 5	559.3204	280.1641
944.4901	9	E 4	488.2833	244.6455
1057.5742	10	L 3	359.2407	180.1243
1128.6113	11	A 2	246.1566	123.5822
	12	R 1	175.1195	88.0637

N-term:+35.07

VIKTQSKPEDEADWAR, MH+ 2104.1775, m/z 526.7998
 H OS G28 P150811 220811-s1.03667.03667.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

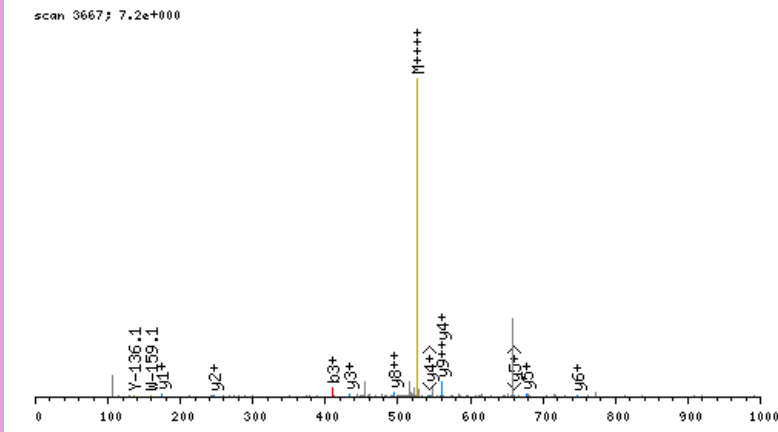
y + 2+ 3+

z + 2+ 3+

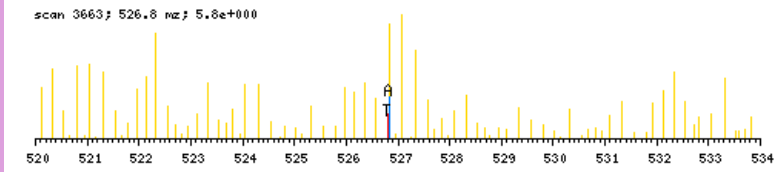
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V 17		
247.2234	2	I 16	1971.0460	986.0269
409.3815	3	K 15	1857.9620	929.4849
510.4292	4	T 14	1695.8039	848.4058
638.4877	5	Q 13	1594.7562	797.8820
725.5198	6	S 12	1466.6976	733.8527
887.6779	7	K 11	1379.6656	690.3367
984.7306	8	P 10	1217.5075	609.2576
1113.7732	9	E 9	1120.4547	560.7313
1228.8002	10	D 8	991.4121	496.2100
1357.8428	11	E 7	876.3852	438.6965
1428.8799	12	A 6	747.3426	374.1752
1543.9068	13	D 5	676.3055	338.6566
1672.9494	14	E 4	561.2785	281.1432
1859.0287	15	W 3	432.2359	216.6219
1930.0658	16	A 2	246.1566	123.5822
	17	R 1	175.1195	88.0637

N-term:+35.07 K(3):+162.16
 K(7):+162.16

VIPELNGKLTGMAFR, MH+ 1701.9726, m/z 567.9957
 L OS G27 P150811 220811-s1.06828.06828.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

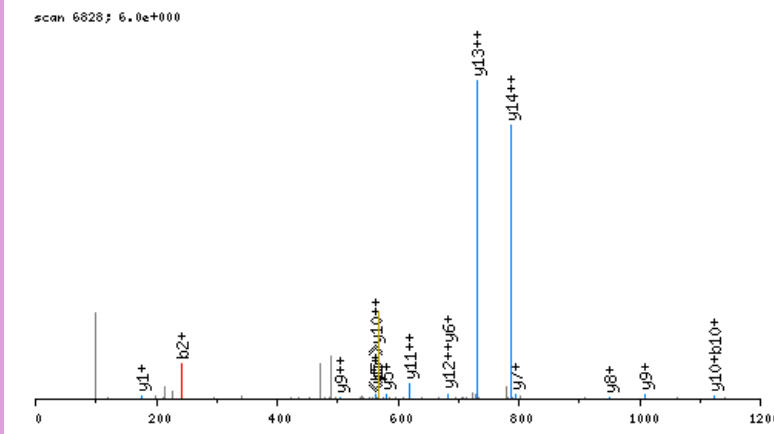
y + 2+ 3+

z + 2+ 3+

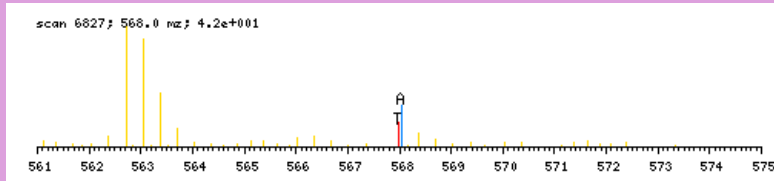
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 15		
241.1916	2	I 14	1574.8729	787.9404
338.2443	3	P 13	1461.7888	731.3983
467.2869	4	E 12	1364.7361	682.8719
580.3710	5	L 11	1235.6935	618.3506
694.4139	6	N 10	1122.6094	561.8086
751.4354	7	G 9	1008.5665	504.7872
907.5617	8	K 8	951.5450	476.2764
1020.6458	9	L 7	795.4187	398.2133
1121.6934	10	T 6	682.3347	341.6712
1178.7149	11	G 5	581.2870	291.1474
1309.7554	12	M 4	524.2655	262.6367
1380.7925	13	A 3	393.2250	197.1164
1527.8609	14	F 2	322.1879	161.5979
	15	R 1	175.1195	88.0637

N-term:+29.04 K(8):+156.13

VISQHQSLGNIR, MH+ 1492.8600, m/z 498.2915
 L OS G27 P150811 220811-s1.04424.04424.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

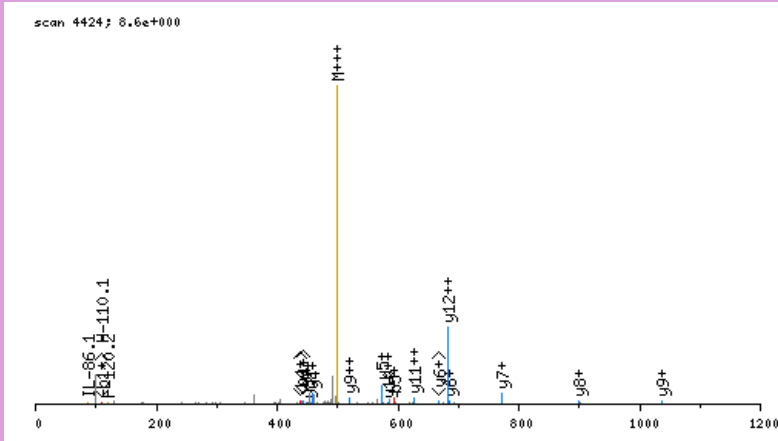
y + 2+ 3+

z + 2+ 3+

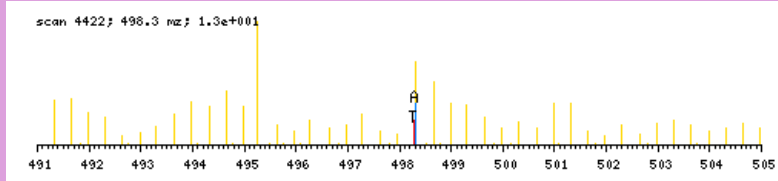
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 13		
241.1916	2	I 12	1365.7603	683.3840
328.2236	3	S 11	1252.6762	626.8420
456.2822	4	Q 10	1165.6442	583.3260
593.3411	5	H 9	1037.5856	519.2967
721.3997	6	Q 8	900.5267	450.7673
808.4317	7	S 7	772.4681	386.7380
921.5158	8	L 6	685.4361	343.2220
1034.5998	9	L 5	572.3520	286.6799
1091.6213	10	G 4	459.2680	230.1379
1205.6642	11	N 3	402.2465	201.6272
1318.7483	12	I 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+29.04

VKAGFAGDDAPR, MH+ 1271.7384, m/z 424.5843
 H OS G27 P150811 220811-s1.02351.02351.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

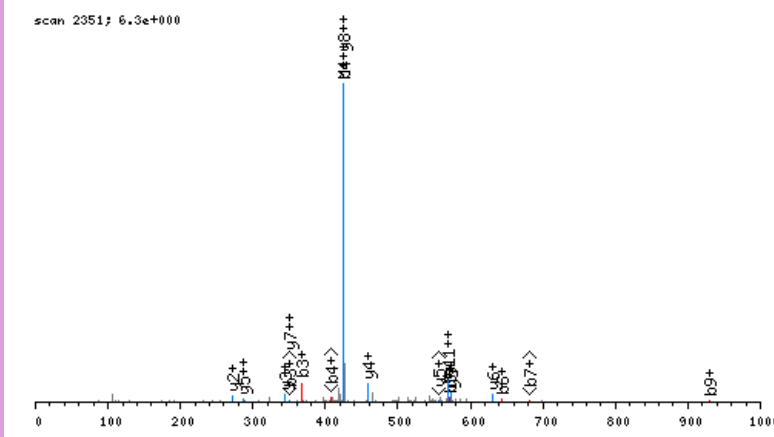
y + 2+ 3+

z + 2+ 3+

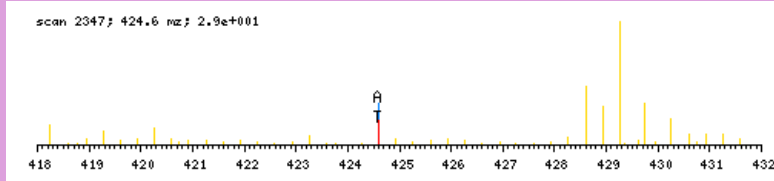
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V 12		
296.2974	2	K 11	1138.6069	569.8074
367.3345	3	A 10	976.4488	488.7283
424.3560	4	G 9	905.4117	453.2098
571.4244	5	F 8	848.3903	424.6990
642.4615	6	A 7	701.3218	351.1648
699.4830	7	G 6	630.2847	315.6463
814.5099	8	D 5	573.2633	287.1355
929.5369	9	D 4	458.2363	229.6221
1000.5740	10	A 3	343.2094	172.1086
1097.6267	11	P 2	272.1723	136.5900
	12	R 1	175.1195	88.0637

N-term:+35.07 K(2):+162.16

VKGEYDVTVPR, MH+ 1318.7371, m/z 440.2505
 L OS G27 P150811 220811-s1.03319.03319.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

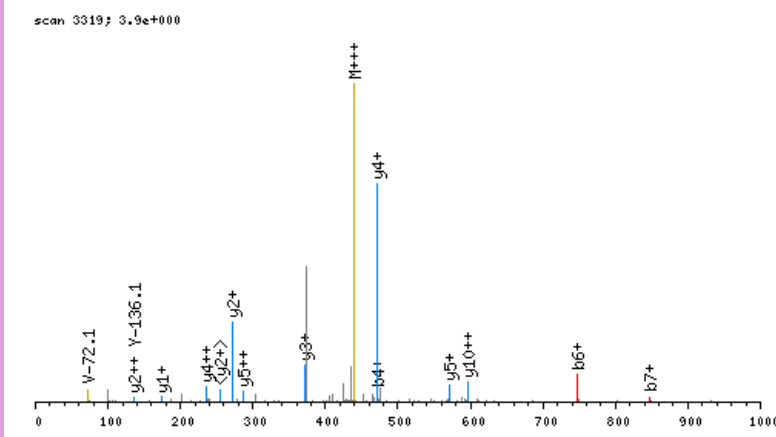
y + 2+ 3+

z + 2+ 3+

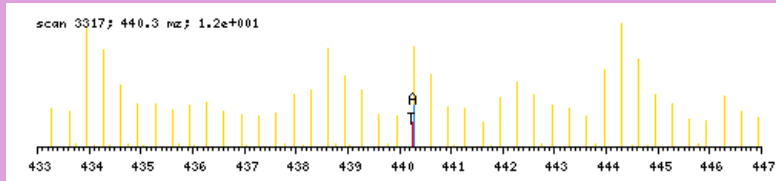
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



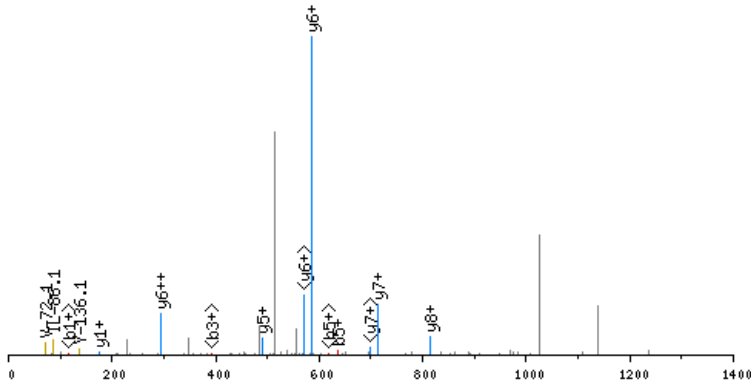
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 11		
284.2338	2	K 10	1191.6374	596.3226
341.2553	3	G 9	1035.5111	518.2595
470.2979	4	E 8	978.4896	489.7487
633.3612	5	Y 7	849.4470	425.2274
748.3881	6	D 6	686.3837	343.6958
847.4566	7	V 5	571.3568	286.1823
948.5042	8	T 4	472.2884	236.6481
1047.5726	9	V 3	371.2407	186.1243
1144.6254	10	P 2	272.1723	136.5900
	11	R 1	175.1195	88.0637

N-term:+29.04 K(2):+156.13

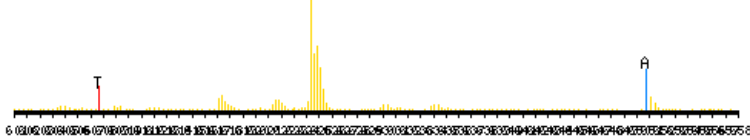
VKLVESGGGLVQPGGSLR, MH+ 1821.1234, m/z 607.7127
 H OS G26 P150811 220811-s1.04647.04647.3.dta

scan 4647; 1.1e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4645; 607.7 m/z; 2.9e+002



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
134.1393	1	V	18		
296.2974	2	K	17	1687.9919	844.4999
409.3815	3	L	16	1525.8338	763.4208
508.4499	4	V	15	1412.7498	706.8788
637.4925	5	E	14	1313.6814	657.3446
724.5245	6	S	13	1184.6388	592.8233
781.5460	7	G	12	1097.6067	549.3073
838.5674	8	G	11	1040.5853	520.7965
895.5889	9	G	10	983.5638	492.2858
1008.6730	10	L	9	926.5423	463.7751
1107.7414	11	V	8	813.4583	407.2331
1235.8000	12	Q	7	714.3899	357.6988
1332.8527	13	P	6	586.3313	293.6696
1389.8742	14	G	5	489.2785	245.1432
1446.8957	15	G	4	432.2571	216.6324
1533.9277	16	S	3	375.2356	188.1217
1647.0117	17	L	2	288.2036	144.6057
	18	R	1	175.1195	88.0637

N-term:+35.07 K(2):+162.16

VLASEPEIIPKGIK, MH+ 1464.8790, m/z 488.9645
 L OS G26 P150811 220811-s1.03796.03796.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

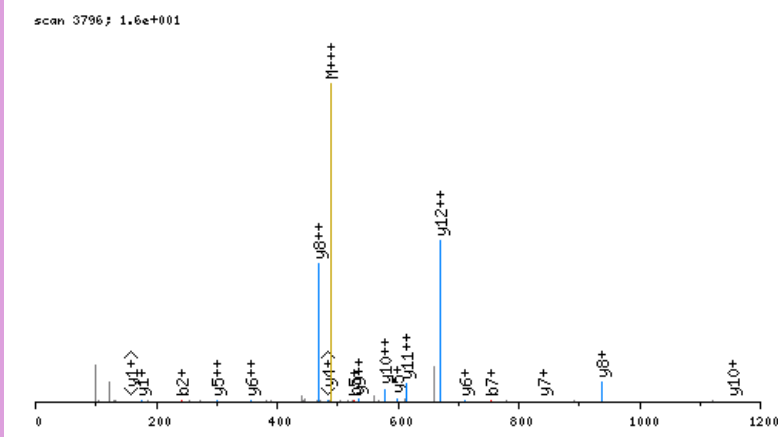
y + 2+ 3+

z + 2+ 3+

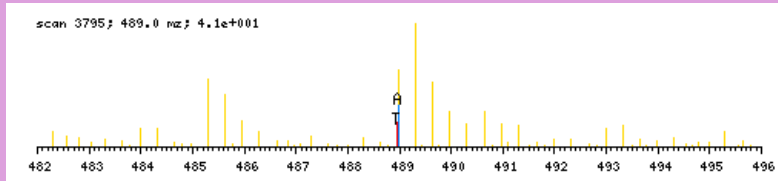
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 13		
241.1916	2	L 12	1337.7793	669.3936
312.2287	3	A 11	1224.6952	612.8515
399.2607	4	S 10	1153.6581	577.3330
528.3033	5	E 9	1066.6261	533.8170
625.3561	6	P 8	937.5835	469.2957
754.3987	7	E 7	840.5307	420.7693
867.4827	8	I 6	711.4882	356.2480
964.5355	9	P 5	598.4041	299.7060
1120.6618	10	K 4	501.3513	251.1796
1177.6833	11	G 3	345.2250	173.1164
1290.7673	12	I 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+29.04 K(10):+156.13

VLESTMVCDNSEYMR, MH+ 1960.8818, m/z 654.2988
 L OS G25 P150811 220811-s1.06208.06208.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

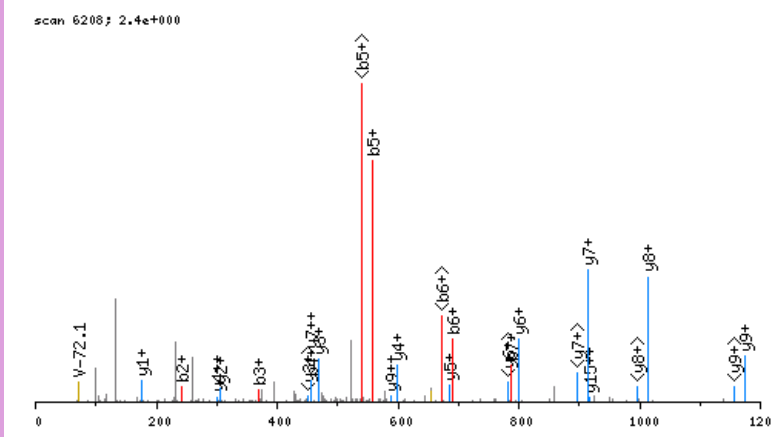
y + 2+ 3+

z + 2+ 3+

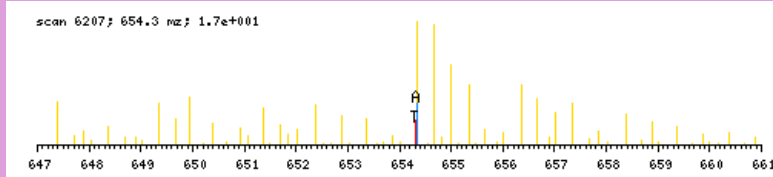
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 16		
241.1916	2	L 15	1833.7821	917.3950
370.2342	3	E 14	1720.6980	860.8529
457.2662	4	S 13	1591.6554	796.3316
558.3139	5	T 12	1504.6234	752.8156
689.3544	6	M 11	1403.5757	702.2918
788.4228	7	V 10	1272.5352	636.7715
948.4534	8	C 9	1173.4668	587.2373
1047.5218	9	V 8	1013.4362	507.2220
1162.5487	10	D 7	914.3678	457.6878
1276.5917	11	N 6	799.3409	400.1743
1363.6237	12	S 5	685.2979	343.1529
1492.6663	13	E 4	598.2659	299.6369
1655.7296	14	Y 3	469.2233	235.1156
1786.7701	15	M 2	306.1600	153.5839
	16	R 1	175.1195	88.0637

N-term:+29.04 C(8):+160.03

VLKDAEGILEDLQSYR, MH+ 1905.0333, m/z 635.6826
 L OS G26 P150811 220811-s1.06739.06739.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

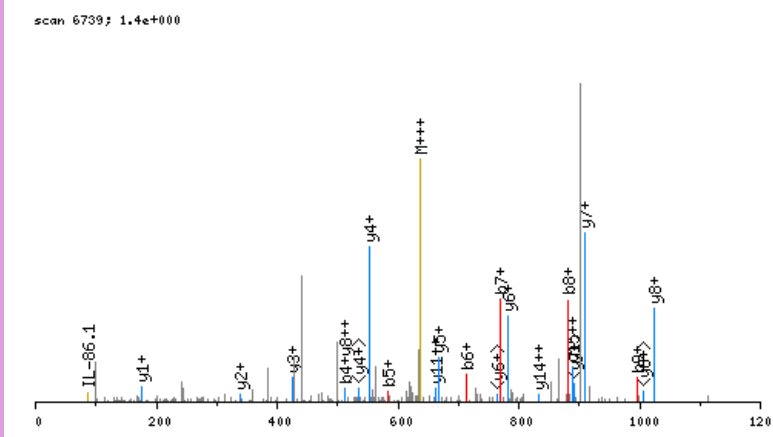
y + 2+ 3+

z + 2+ 3+

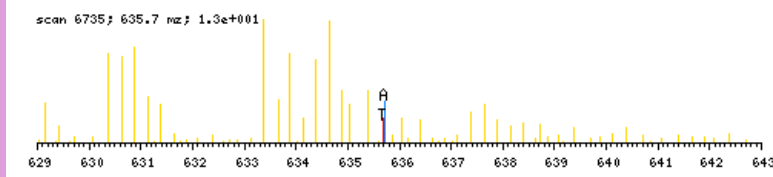
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 16		
241.1916	2	L 15	1777.9336	889.4707
397.3179	3	K 14	1664.8496	832.9287
512.3448	4	D 13	1508.7233	754.8656
583.3819	5	A 12	1393.6963	697.3521
712.4245	6	E 11	1322.6592	661.8335
769.4460	7	G 10	1193.6166	597.3122
882.5301	8	I 9	1136.5952	568.8015
995.6141	9	L 8	1023.5111	512.2595
1124.6567	10	E 7	910.4270	455.7174
1239.6837	11	D 6	781.3844	391.1961
1352.7677	12	L 5	666.3575	333.6827
1480.8263	13	Q 4	553.2734	277.1406
1567.8583	14	S 3	425.2149	213.1113
1730.9217	15	Y 2	338.1828	169.5953
	16	R 1	175.1195	88.0637

N-term:+29.04 K(3):+156.13

VLLDVNDNAPIPEPR, MH+ 1689.9175, m/z 563.9774
 L OS G24 P150811 220811-s1.04118.04118.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

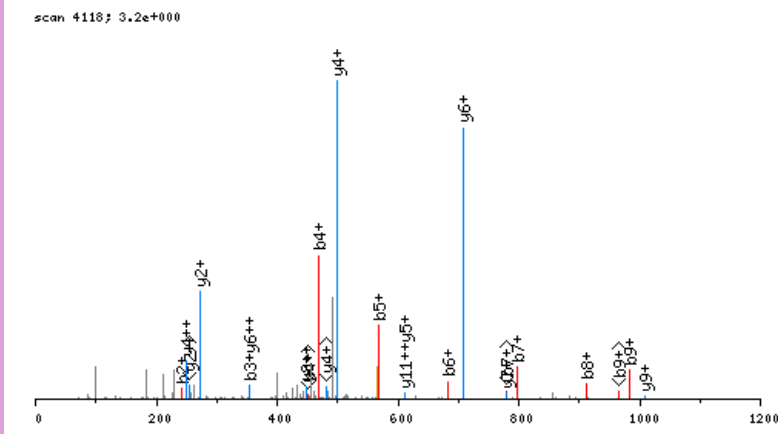
y + 2+ 3+

z + 2+ 3+

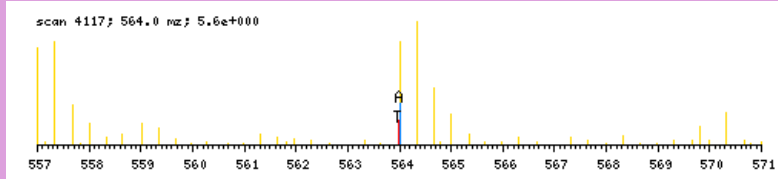
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
128.1075	1	V	15		
241.1916	2	L	14	1562.8178	781.9128
354.2756	3	L	13	1449.7338	725.3708
469.3026	4	D	12	1336.6497	668.8288
568.3710	5	V	11	1221.6228	611.3153
682.4139	6	N	10	1122.5544	561.7811
797.4409	7	D	9	1008.5114	504.7596
911.4838	8	N	8	893.4845	447.2462
982.5209	9	A	7	779.4416	390.2247
1079.5737	10	P	6	708.4044	354.7061
1192.6577	11	I	5	611.3517	306.1798
1289.7105	12	P	4	498.2676	249.6377
1418.7531	13	E	3	401.2149	201.1113
1515.8059	14	P	2	272.1723	136.5900
	15	R	1	175.1195	88.0637

N-term:+29.04

VLQEIILESDGKGPDKPSGFR, MH+ 2370.2669, m/z 593.3222
 L OS G27 P150811 220811-s1.05065.05065.4.dta

X-range:

0 - 0

MassTol: Y-zoom:

0. 1.

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

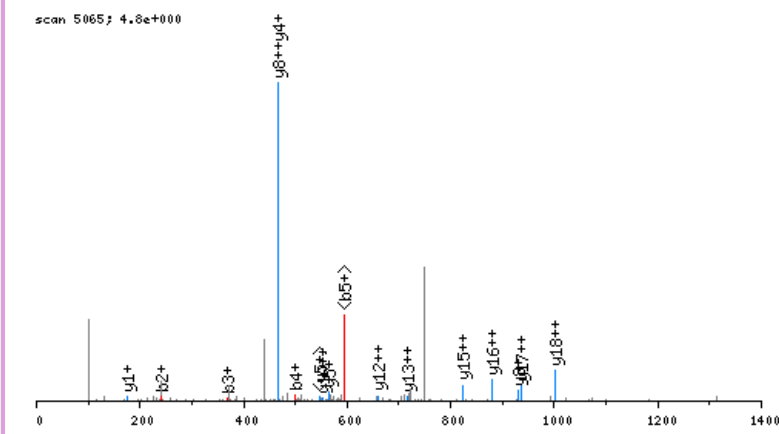
y + 2+ 3+

z + 2+ 3+

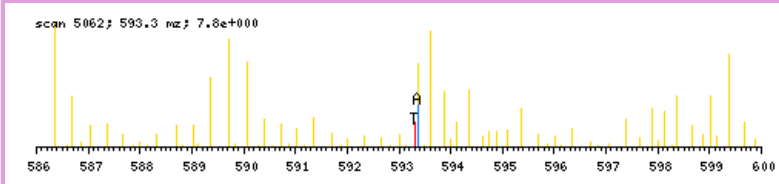
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]

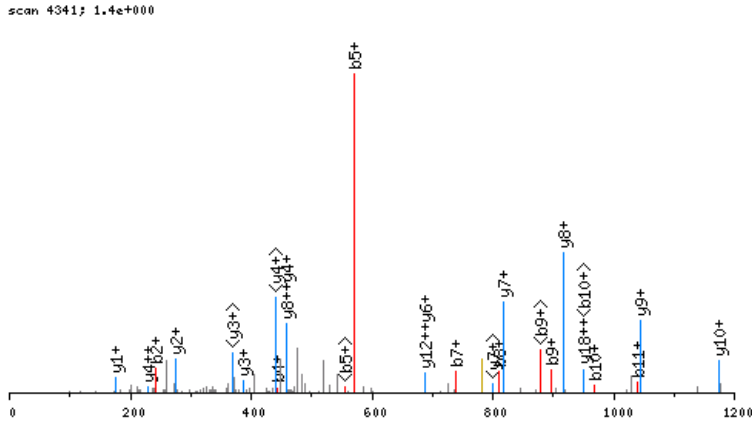


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

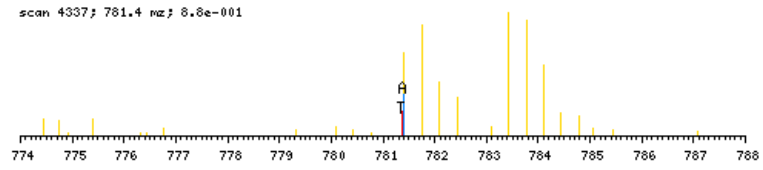
b ⁺	#	AA	#	y ⁺	y ²⁺
128.1075	1	V	21		
241.1916	2	L	20	2243.1673	1122.0875
369.2502	3	Q	19	2130.0832	1065.5455
498.2927	4	E	18	2002.0246	1001.5162
611.3768	5	I	17	1872.9820	936.9949
724.4609	6	L	16	1759.8980	880.4529
853.5035	7	E	15	1646.8139	823.9109
940.5355	8	S	14	1517.7713	759.3896
1055.5624	9	D	13	1430.7393	715.8736
1112.5839	10	G	12	1315.7123	658.3601
1268.7102	11	K	11	1258.6909	629.8493
1325.7317	12	G	10	1102.5646	551.7862
1440.7586	13	D	9	1045.5431	523.2755
1537.8114	14	P	8	930.5162	465.7620
1651.8543	15	N	7	833.4634	417.2356
1807.9806	16	K	6	719.4205	360.2141
1905.0334	17	P	5	563.2942	282.1510
1992.0654	18	S	4	466.2414	233.6246
2049.0869	19	G	3	379.2094	190.1086
2196.1553	20	F	2	322.1879	161.5979
	21	R	1	175.1195	88.0637

N-term:+29.04 K(11):+156.13
 K(16):+156.13

VLSNEPAASAAEEEEVEDDALVR, MH+ 2342.1363, m/z 781.3836
 L OS G24 P150811 220811-s1.04341.04341.3.dta



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

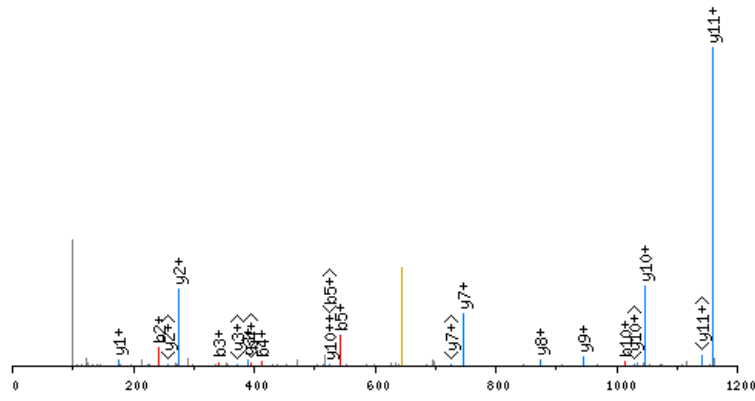
GO

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 22		
241.1916	2	L 21	2215.0366	1108.0222
328.2236	3	S 20	2101.9526	1051.4802
442.2665	4	N 19	2014.9205	1007.9642
571.3091	5	E 18	1900.8776	950.9427
668.3619	6	P 17	1771.8350	886.4214
739.3990	7	A 16	1674.7822	837.8950
810.4361	8	A 15	1603.7451	802.3765
897.4681	9	S 14	1532.7080	766.8579
968.5053	10	A 13	1445.6760	723.3419
1039.5424	11	A 12	1374.6389	687.8234
1168.5850	12	E 11	1303.6018	652.3048
1297.6276	13	E 10	1174.5592	587.7835
1426.6702	14	E 9	1045.5166	523.2622
1525.7386	15	V 8	916.4740	458.7409
1654.7812	16	E 7	817.4056	409.2067
1769.8081	17	D 6	688.3630	344.6854
1884.8350	18	D 5	573.3360	287.1719
1955.8722	19	A 4	458.3091	229.6585
2068.9562	20	L 3	387.2720	194.1399
2168.0246	21	V 2	274.1879	137.5979
	22	R 1	175.1195	88.0637

N-term:+29.04

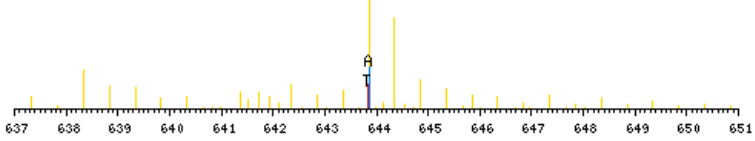
VLTAEPGDDVR, MH+ 1286.6592, m/z 643.8332
 L OS G25 P150811 220811-s1.02918.02918.2.dta

scan 2918; 4.8e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2917; 643.8 m/z; 1.4e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 12		
241.1916	2	L 11	1159.5595	580.2837
342.2393	3	T 10	1046.4754	523.7416
413.2764	4	A 9	945.4278	473.2178
542.3190	5	E 8	874.3907	437.6992
639.3717	6	P 7	745.3481	373.1779
726.4038	7	S 6	648.2953	324.6516
783.4252	8	G 5	561.2633	281.1355
898.4522	9	D 4	504.2418	252.6248
1013.4791	10	D 3	389.2149	195.1113
1112.5475	11	V 2	274.1879	137.5979
	12	R 1	175.1195	88.0637

N-term:+29.04

VLTTSHLFPYVKKR, MH+ 1791.1745, m/z 597.7297
 H OS G24 P150811 220811-s1.05868.05868.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

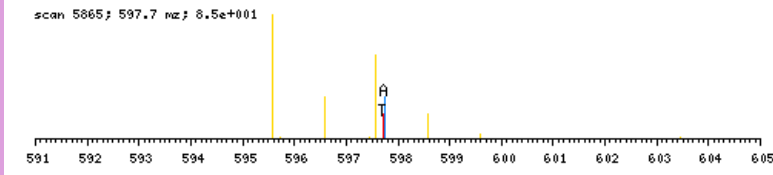
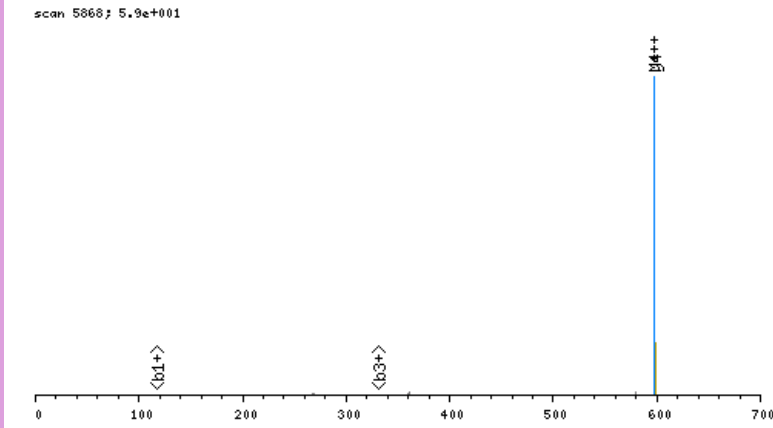
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO



b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V	14	
247.2234	2	L	13	1658.0430
348.2711	3	T	12	1544.9590
449.3187	4	T	11	1443.9113
536.3508	5	S	10	1342.8636
673.4097	6	H	9	1255.8316
786.4937	7	L	8	1118.7727
933.5622	8	F	7	1005.6886
1030.6149	9	P	6	858.6202
1193.6782	10	Y	5	761.5674
1292.7467	11	V	4	598.5041
1454.9048	12	K	3	499.4357
1617.0629	13	K	2	337.2776
	14	R	1	175.1195

N-term:+35.07 K(12):+162.16
 K(13):+162.16

VMDTAEIFHSADAR, MH+ 1590.7586, m/z 530.9244
 L OS G27 P150811 220811-s1.05491.05491.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

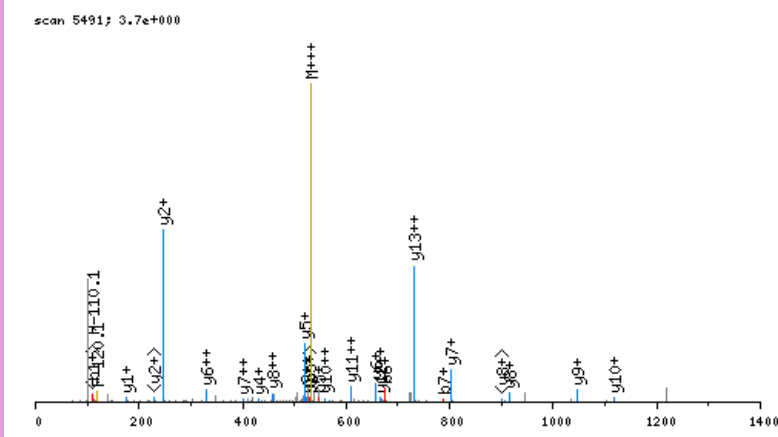
y + 2+ 3+

z + 2+ 3+

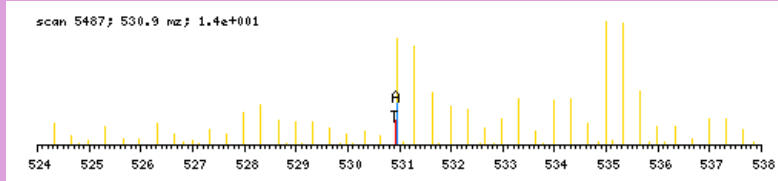
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 14		
259.1480	2	M 13	1463.6589	732.3334
374.1749	3	D 12	1332.6184	666.8131
475.2226	4	T 11	1217.5915	609.2997
546.2597	5	A 10	1116.5438	558.7758
675.3023	6	E 9	1045.5067	523.2573
788.3864	7	I 8	916.4641	458.7360
935.4548	8	F 7	803.3800	402.1939
1072.5137	9	H 6	656.3116	328.6597
1159.5457	10	S 5	519.2527	260.1303
1230.5829	11	A 4	432.2207	216.6142
1345.6098	12	D 3	361.1836	181.0957
1416.6469	13	A 2	246.1566	123.5822
	14	R 1	175.1195	88.0637

N-term:+29.04

VNEQAKPLVIHSVKQLTYVR, MH+ 2520.4667, m/z 630.8721
 L OS G27 P150811 220811-s1.06895.06895.4.dta

X-range:

0 - 0

MassTol: Y-zoom:

0. 1.

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

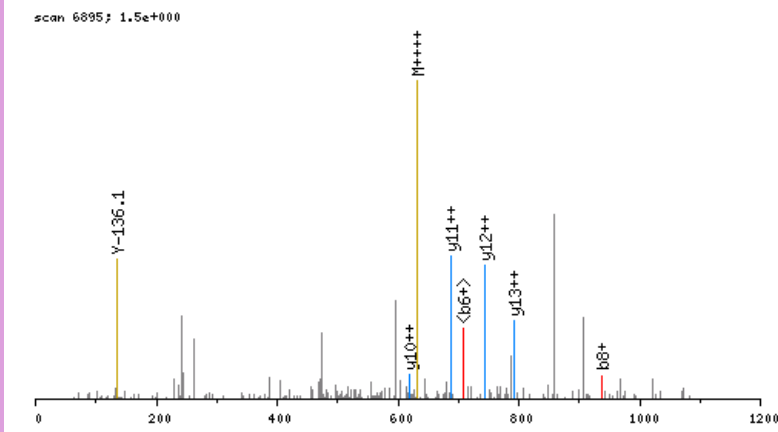
y + 2+ 3+

z + 2+ 3+

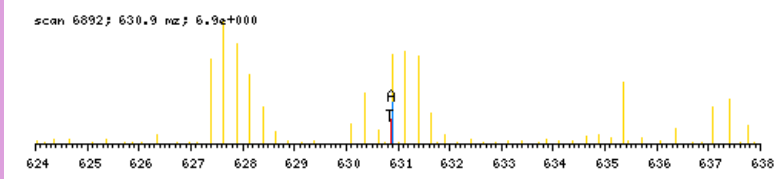
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 21		
242.1504	2	N 20	2393.3670	1197.1874
371.1930	3	E 19	2279.3240	1140.1659
499.2516	4	Q 18	2150.2814	1075.6446
570.2887	5	A 17	2022.2229	1011.6153
726.4150	6	K 16	1951.1858	976.0968
823.4678	7	P 15	1795.0595	898.0336
936.5519	8	L 14	1698.0067	849.5073
1035.6203	9	V 13	1584.9226	792.9652
1148.7043	10	I 12	1485.8542	743.4310
1285.7632	11	H 11	1372.7701	686.8890
1372.7953	12	S 10	1235.7112	618.3595
1471.8637	13	V 9	1148.6792	574.8435
1627.9900	14	K 8	1049.6108	525.3093
1756.0486	15	Q 7	893.4845	447.2462
1870.0915	16	N 6	765.4259	383.2169
1983.1756	17	L 5	651.3830	326.1954
2084.2232	18	T 4	538.2989	269.6534
2247.2866	19	Y 3	437.2512	219.1295
2346.3550	20	V 2	274.1879	137.5979
	21	R 1	175.1195	88.0637

N-term:+29.04 K(6):+156.13
 K(14):+156.13

VNLTDAPDIPNPYR, MH+ 1612.8335, m/z 538.2827
 L OS G25 P150811 220811-s1.06791.06791.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

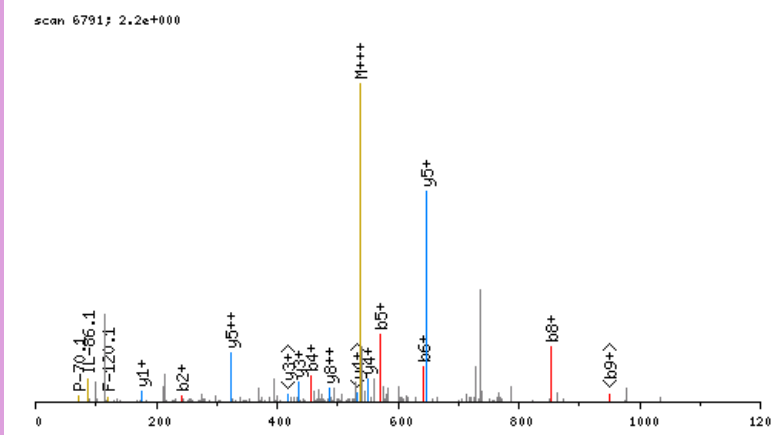
y + 2+ 3+

z + 2+ 3+

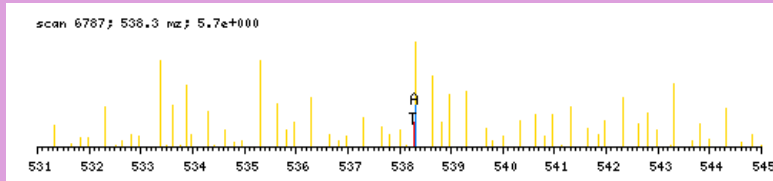
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 14		
242.1504	2	N 13	1485.7338	743.3708
355.2345	3	L 12	1371.6909	686.3493
456.2822	4	T 11	1258.6068	629.8073
571.3091	5	D 10	1157.5591	579.2835
642.3462	6	A 9	1042.5322	521.7700
739.3990	7	P 8	971.4951	486.2514
854.4259	8	D 7	874.4423	437.7251
967.5100	9	I 6	759.4153	380.2116
1064.5628	10	P 5	646.3313	323.6696
1178.6057	11	N 4	549.2785	275.1432
1275.6585	12	P 3	435.2356	218.1217
1438.7218	13	Y 2	338.1828	169.5953
	14	R 1	175.1195	88.0637

N-term:+29.04

VPGICMVDPEALPPR, MH+ 1684.8978, m/z 562.3041
 H OS G26 P150811 220811-s1.06316.06316.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

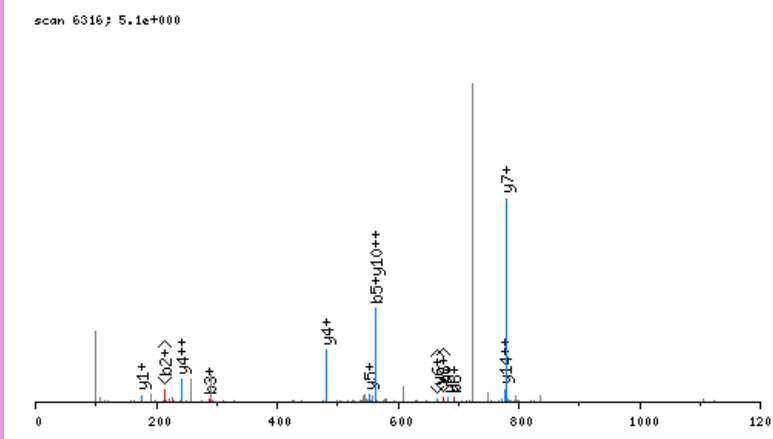
y + 2+ 3+

z + 2+ 3+

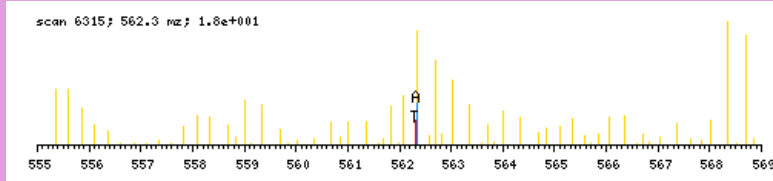
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V 15		
231.1921	2	P 14	1551.7663	776.3871
288.2135	3	G 13	1454.7135	727.8607
401.2976	4	I 12	1397.6921	699.3499
561.3282	5	C 11	1284.6080	642.8079
692.3687	6	M 10	1124.5774	562.7926
791.4371	7	V 9	993.5369	497.2724
906.4640	8	D 8	894.4685	447.7382
1003.5168	9	P 7	779.4416	390.2247
1132.5594	10	E 6	682.3888	341.6983
1203.5965	11	A 5	553.3462	277.1770
1316.6806	12	L 4	482.3091	241.6585
1413.7333	13	P 3	369.2250	185.1164
1510.7861	14	P 2	272.1723	136.5900
	15	R 1	175.1195	88.0637

N-term:+35.07 C(5):+160.03

VPTPNVSVVDLTCR, MH+ 1584.8419, m/z 528.9521
 L OS G24 P150811 220811-s1.04126.04126.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

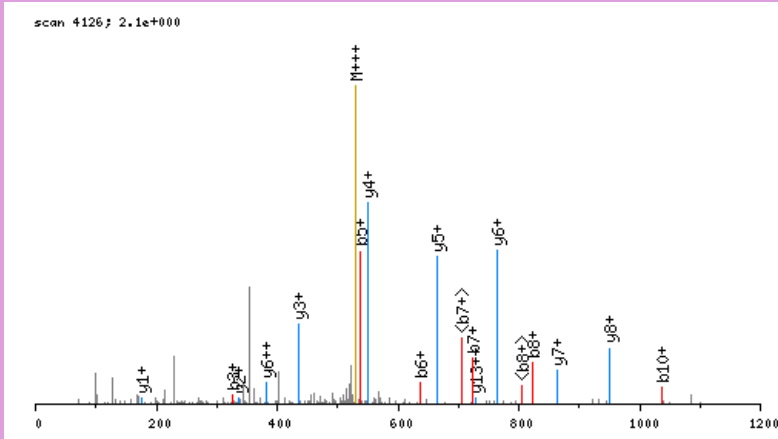
y + 2+ 3+

z + 2+ 3+

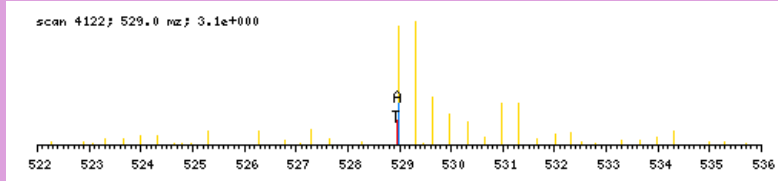
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 14		
225.1603	2	P 13	1457.7422	729.3750
326.2080	3	T 12	1360.6894	680.8486
423.2607	4	P 11	1259.6417	630.3248
537.3036	5	N 10	1162.5890	581.7984
636.3721	6	V 9	1048.5461	524.7769
723.4041	7	S 8	949.4776	475.2427
822.4725	8	V 7	862.4456	431.7267
921.5409	9	V 6	763.3772	382.1925
1036.5679	10	D 5	664.3088	332.6583
1149.6519	11	L 4	549.2818	275.1448
1250.6996	12	T 3	436.1978	218.6028
1410.7302	13	C 2	335.1501	168.0790
	14	R 1	175.1195	88.0637

N-term:+29.04 C(13):+160.03

VQAWYMDESTADPR, MH+ 1696.7641, m/z 566.2595
 L OS G25 P150811 220811-s1.05664.05664.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

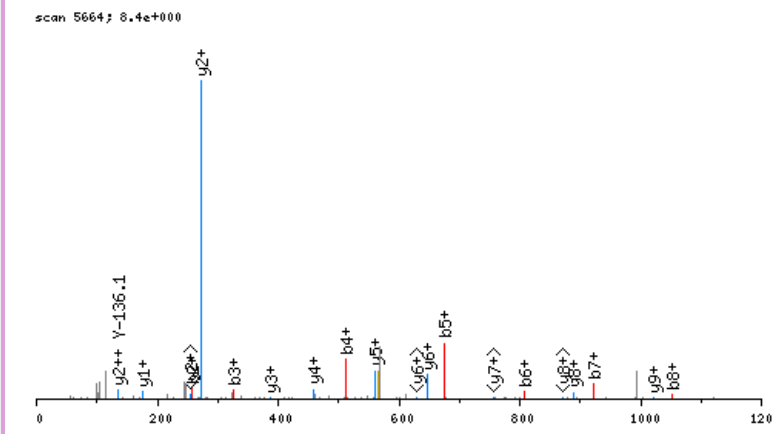
y + 2+ 3+

z + 2+ 3+

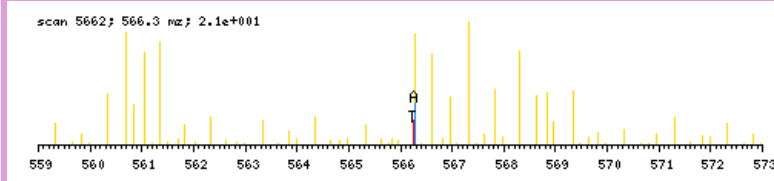
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 14		
256.1661	2	Q 13	1569.6644	785.3361
327.2032	3	A 12	1441.6058	721.3068
513.2825	4	W 11	1370.5687	685.7883
676.3458	5	Y 10	1184.4894	592.7486
807.3863	6	M 9	1021.4260	511.2169
922.4133	7	D 8	890.3856	445.6967
1051.4559	8	E 7	775.3586	388.1832
1138.4879	9	S 6	646.3160	323.6619
1239.5356	10	T 5	559.2840	280.1459
1310.5727	11	A 4	458.2363	229.6221
1425.5996	12	D 3	387.1992	194.1035
1522.6524	13	P 2	272.1723	136.5900
	14	R 1	175.1195	88.0637

N-term:+29.04

VQKDKDSEAEELQR, MH+ 1646.0337, m/z 412.2639
 H OS G28 P150811 220811-s1.02436.02436.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

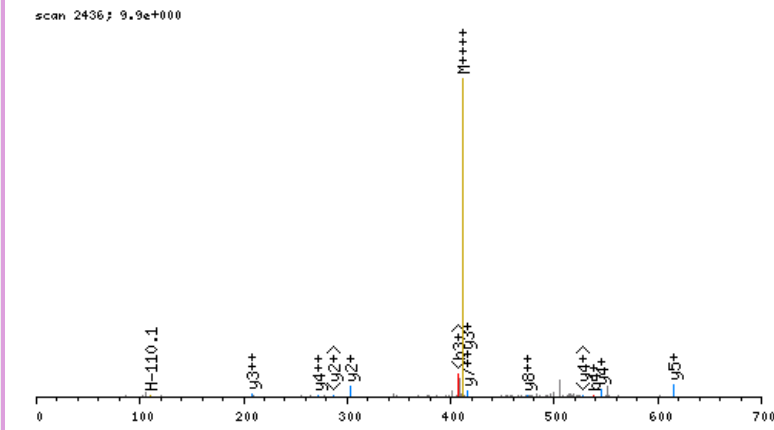
y + 2+ 3+

z + 2+ 3+

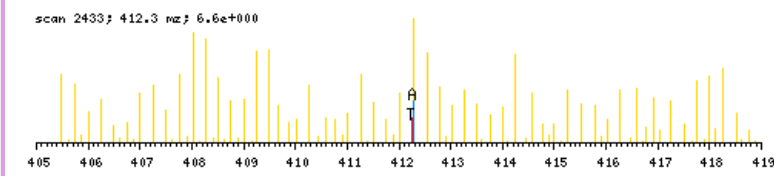
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V	13	
262.1979	2	Q	12	1512.9023
424.3560	3	K	11	1384.8437
537.4401	4	L	10	1222.6856
699.5982	5	K	9	1109.6015
814.6251	6	D	8	947.4434
901.6571	7	S	7	832.4165
1030.6997	8	E	6	745.3844
1101.7368	9	A	5	616.3418
1230.7794	10	E	4	545.3047
1343.8635	11	L	3	416.2621
1471.9221	12	Q	2	303.1781
	13	R	1	175.1195

N-term:+35.07 K(3):+162.16
 K(5):+162.16

VRDNQSGSLLFIGR, MH+ 1589.8763, m/z 530.6303
 L OS G27 P150811 220811-s1.05616.05616.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

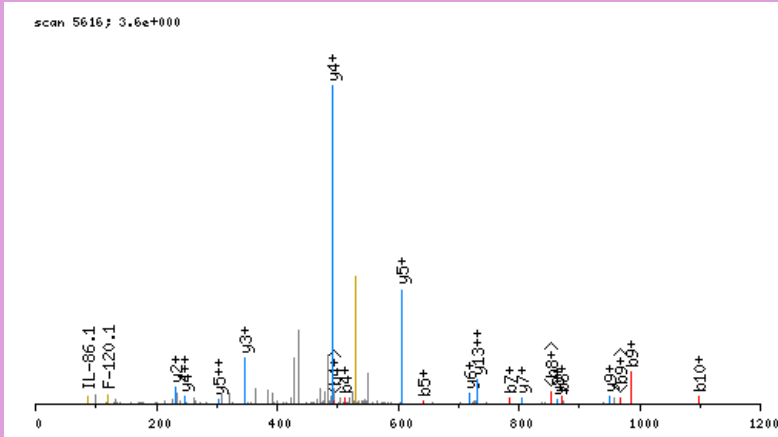
y + 2+ 3+

z + 2+ 3+

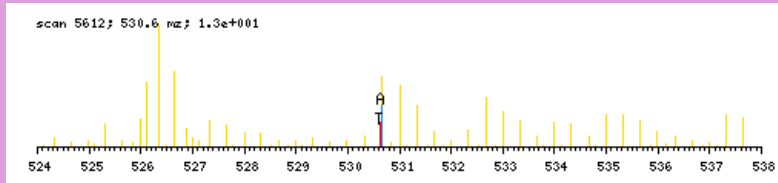
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 14		
284.2086	2	R 13	1462.7767	731.8922
399.2356	3	D 12	1306.6755	653.8417
513.2785	4	N 11	1191.6486	596.3282
641.3371	5	Q 10	1077.6057	539.3067
728.3691	6	S 9	949.5471	475.2775
785.3906	7	G 8	862.5151	431.7614
872.4226	8	S 7	805.4936	403.2507
985.5067	9	L 6	718.4616	359.7347
1098.5907	10	L 5	605.3775	303.1927
1245.6591	11	F 4	492.2934	246.6506
1358.7432	12	I 3	345.2250	173.1164
1415.7647	13	G 2	232.1410	116.5744
	14	R 1	175.1195	88.0637

N-term:+29.04

VREGDVLTLLESER, MH+ 1649.9286, m/z 550.6477
 H OS G27 P150811 220811-s1.07009.07009.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

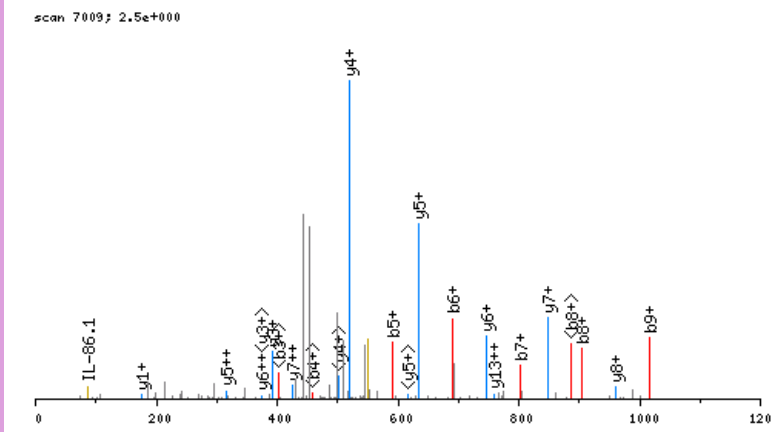
y + 2+ 3+

z + 2+ 3+

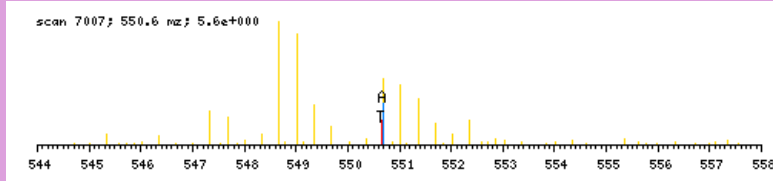
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V 14		
290.2404	2	R 13	1516.7971	758.9025
419.2830	3	E 12	1360.6960	680.8519
476.3045	4	G 11	1231.6534	616.3306
591.3314	5	D 10	1174.6319	587.8199
690.3998	6	V 9	1059.6050	530.3064
803.4839	7	L 8	960.5366	480.7722
904.5316	8	T 7	847.4525	424.2302
1017.6156	9	L 6	746.4048	373.7063
1130.6997	10	L 5	633.3208	317.1643
1259.7423	11	E 4	520.2367	260.6223
1346.7743	12	S 3	391.1941	196.1010
1475.8169	13	E 2	304.1621	152.5850
	14	R 1	175.1195	88.0637

N-term:+35.07

VRELENEVENEQKR, MH+ 1840.0201, m/z 460.7605
 H OS G28 P150811 220811-s1.02719.02719.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

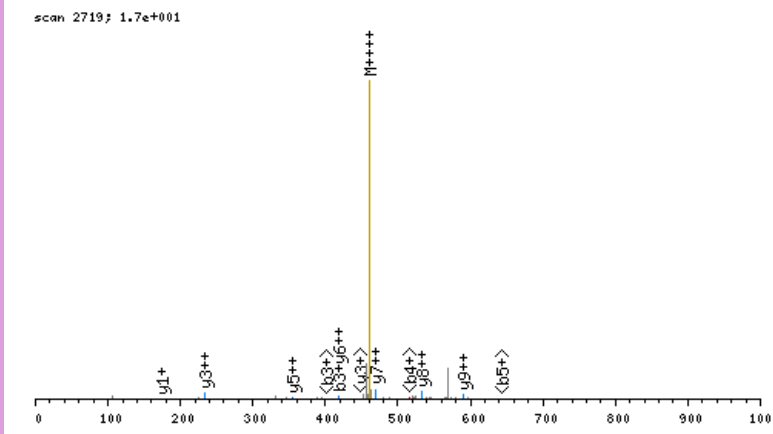
y + 2+ 3+

z + 2+ 3+

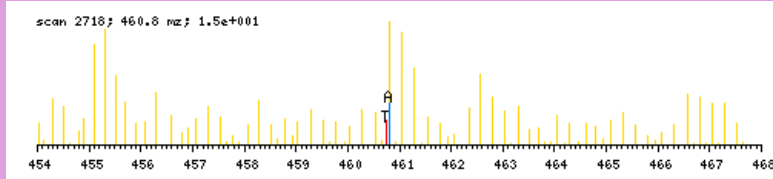
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V 14		
290.2404	2	R 13	1706.8886	853.9482
419.2830	3	E 12	1550.7875	775.8977
532.3671	4	L 11	1421.7449	711.3764
661.4097	5	E 10	1308.6608	654.8343
775.4526	6	N 9	1179.6182	590.3130
904.4952	7	E 8	1065.5753	533.2916
1003.5636	8	V 7	936.5327	468.7703
1132.6062	9	E 6	837.4643	419.2361
1246.6491	10	N 5	708.4217	354.7148
1375.6917	11	E 4	594.3788	297.6933
1503.7503	12	Q 3	465.3362	233.1720
1665.9084	13	K 2	337.2776	169.1427
	14	R 1	175.1195	88.0637

N-term:+35.07 K(13):+162.16

VRPPVQVYGIEGR, MH+ 1497.8541, m/z 499.9562
 L OS G27 P150811 220811-s1.04895.04895.3.dta

scan 4895; 4.6e+000

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

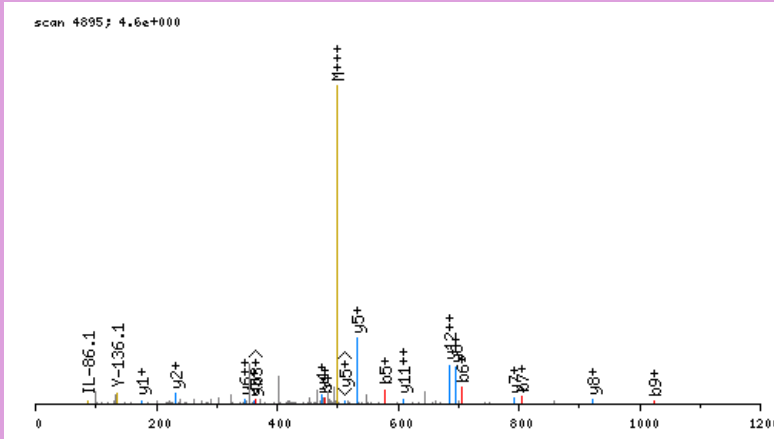
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

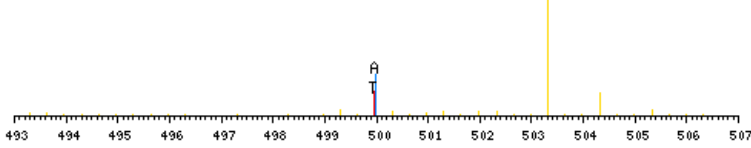
zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4892; 500.0 m/z; 1.5e+002



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 13		
284.2086	2	R 12	1370.7545	685.8811
381.2614	3	P 11	1214.6533	607.8306
478.3142	4	P 10	1117.6006	559.3042
577.3826	5	V 9	1020.5478	510.7778
705.4411	6	Q 8	921.4794	461.2436
804.5096	7	V 7	793.4208	397.2143
967.5729	8	Y 6	694.3524	347.6801
1024.5944	9	G 5	531.2891	266.1485
1137.6784	10	I 4	474.2676	237.6377
1266.7210	11	E 3	361.1836	181.0957
1323.7425	12	G 2	232.1410	116.5744
	13	R 1	175.1195	88.0637

N-term:+29.04

VSASEEEEEVENENR, MH+ 1654.7620, m/z 552.2588
 H OS G25 P150811 220811-s1.02628.02628.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

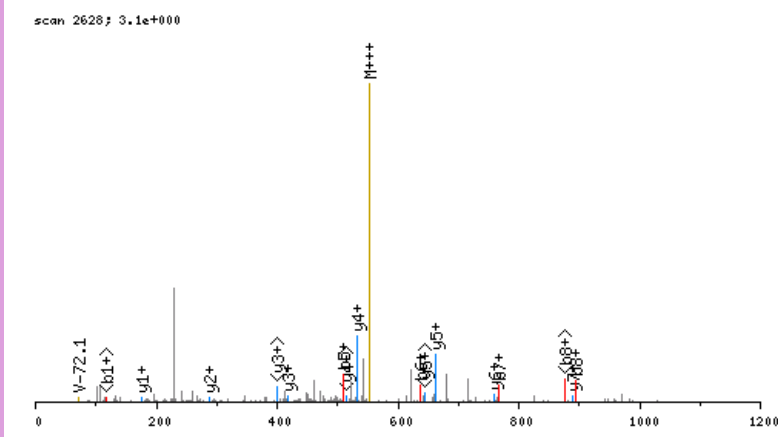
y + 2+ 3+

z + 2+ 3+

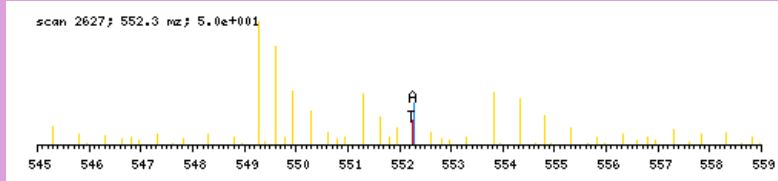
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



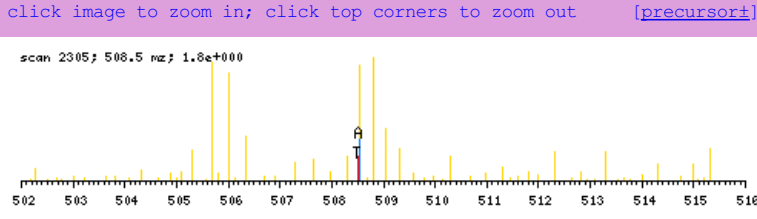
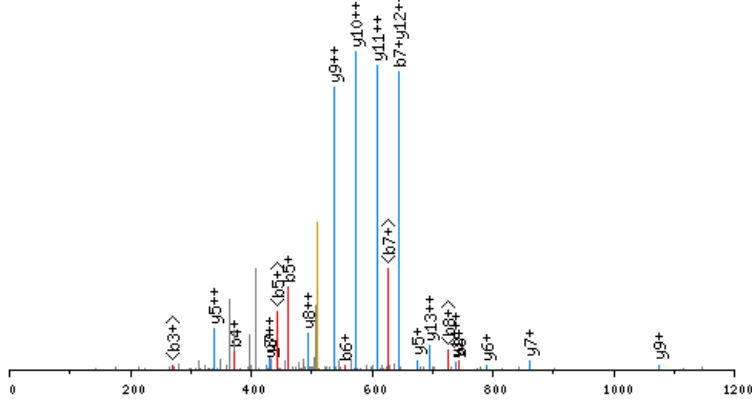
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V 14		
221.1713	2	S 13	1521.6305	761.3192
292.2085	3	A 12	1434.5985	717.8031
379.2405	4	S 11	1363.5614	682.2846
508.2831	5	E 10	1276.5293	638.7686
637.3257	6	E 9	1147.4867	574.2473
766.3683	7	E 8	1018.4441	509.7260
895.4109	8	E 7	889.4015	445.2047
994.4793	9	V 6	760.3590	380.6834
1123.5219	10	E 5	661.2905	331.1492
1237.5648	11	N 4	532.2479	266.6279
1366.6074	12	E 3	418.2050	209.6064
1480.6503	13	N 2	289.1624	145.0851
	14	R 1	175.1195	88.0637

N-term:+35.07

VSASSPSVAAASQADSKQQR, MH+ 2031.0471, m/z 508.5172
 L OS G26 P150811 220811-s1.02307.02307.4.dta

scan 2307; 2.2e+000



X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 20		
215.1395	2	S 19	1903.9474	952.4776
286.1767	3	A 18	1816.9154	908.9616
373.2087	4	S 17	1745.8783	873.4430
460.2407	5	S 16	1658.8462	829.9270
557.2935	6	P 15	1571.8142	786.4110
644.3255	7	S 14	1474.7614	737.8846
743.3939	8	V 13	1387.7294	694.3686
814.4310	9	A 12	1288.6610	644.8344
885.4681	10	A 11	1217.6239	609.3158
956.5053	11	A 10	1146.5868	573.7973
1043.5373	12	S 9	1075.5496	538.2787
1171.5959	13	Q 8	988.5176	494.7627
1242.6330	14	A 7	860.4590	430.7334
1357.6599	15	D 6	789.4219	395.2149
1444.6920	16	S 5	674.3950	337.7014
1600.8183	17	K 4	587.3630	294.1854
1728.8768	18	Q 3	431.2367	216.1222
1856.9354	19	Q 2	303.1781	152.0930
	20	R 1	175.1195	88.0637

N-term:+29.04 K(17);+156.13

VSDENDAKILNDVQDR, MH+ 1886.9460, m/z 629.6535
 L OS G26 P150811 220811-s1.03591.03591.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

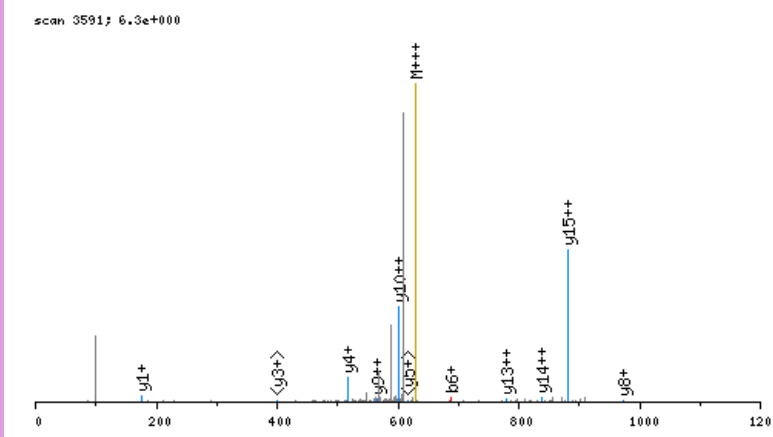
y + 2+ 3+

z + 2+ 3+

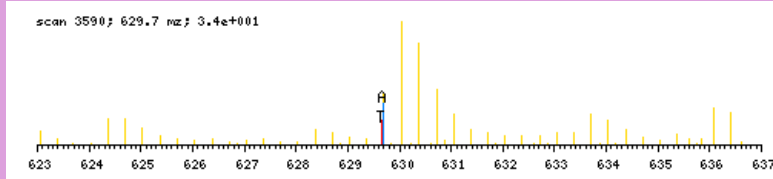
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 16		
215.1395	2	S 15	1759.8463	880.4271
330.1665	3	D 14	1672.8143	836.9110
459.2091	4	E 13	1557.7873	779.3976
573.2520	5	N 12	1428.7447	714.8763
688.2789	6	D 11	1314.7018	657.8548
759.3161	7	A 10	1199.6748	600.3413
915.4424	8	K 9	1128.6377	564.8228
1028.5264	9	I 8	972.5114	486.7596
1141.6105	10	L 7	859.4274	430.2176
1255.6534	11	N 6	746.3433	373.6756
1370.6804	12	D 5	632.3004	316.6541
1469.7488	13	V 4	517.2734	259.1406
1597.8074	14	Q 3	418.2050	209.6064
1712.8343	15	D 2	290.1464	145.5771
	16	R 1	175.1195	88.0637

N-term:+29.04 K(8):+156.13

VSDNELQELSTQGSR, MH+ 1690.8248, m/z 564.2798
 L OS G25 P150811 220811-s1.04976.04976.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

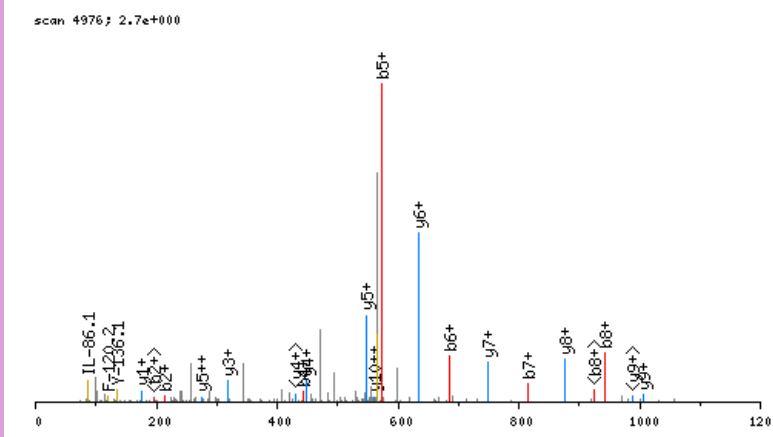
y + 2+ 3+

z + 2+ 3+

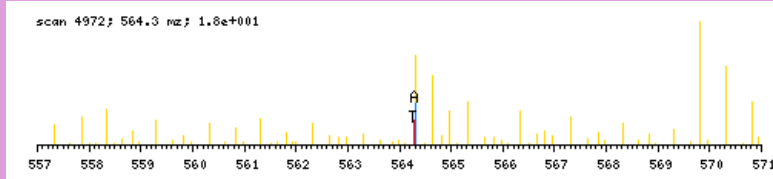
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 15		
215.1395	2	S 14	1563.7251	782.3664
330.1665	3	D 13	1476.6930	738.8504
444.2094	4	N 12	1361.6661	681.3370
573.2520	5	E 11	1247.6232	624.3155
686.3361	6	L 10	1118.5806	559.7942
814.3946	7	Q 9	1005.4965	503.2522
943.4372	8	E 8	877.4379	439.2229
1056.5213	9	L 7	748.3953	374.7016
1143.5533	10	S 6	635.3113	318.1596
1244.6010	11	T 5	548.2792	274.6435
1372.6596	12	Q 4	447.2316	224.1197
1429.6811	13	G 3	319.1730	160.0904
1516.7131	14	S 2	262.1515	131.5797
	15	R 1	175.1195	88.0637

N-term:+29.04

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

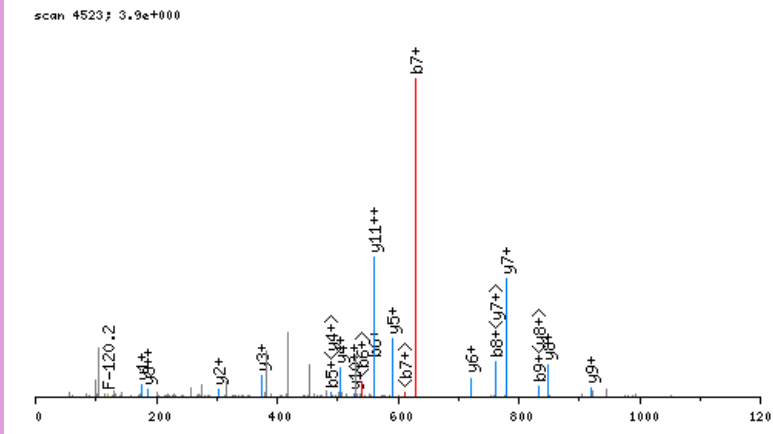
y + 2+ 3+

z + 2+ 3+

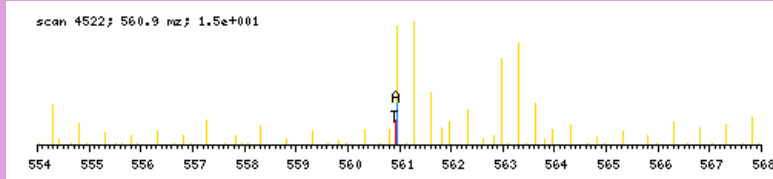
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 17		
215.1395	2	S 16	1553.6688	777.3383
344.1821	3	E 15	1466.6368	733.8223
401.2036	4	G 14	1337.5942	669.3010
488.2356	5	S 13	1280.5727	640.7903
559.2727	6	A 12	1193.5407	597.2743
630.3099	7	A 11	1122.5036	561.7557
761.3503	8	M 10	1051.4665	526.2371
832.3875	9	A 9	920.4260	460.7169
903.4246	10	A 8	849.3889	425.1984
960.4460	11	G 7	778.3518	389.6798
1089.4886	12	E 6	721.3303	361.1691
1176.5207	13	S 5	592.2877	296.6478
1307.5611	14	M 4	505.2557	253.1318
1378.5983	15	A 3	374.2152	187.6115
1506.6568	16	Q 2	303.1781	152.0930
	17	R 1	175.1195	88.0637

N-term:+29.04

VSGEHMDLTTCPPLAAGGQEKLR, MH+ 2554.2757, m/z 639.3244
 L OS G27 P150811 220811-s1.05118.05118.4.dta

X-range:

0 - 0

MassTol: Y-zoom:

0. 1.

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

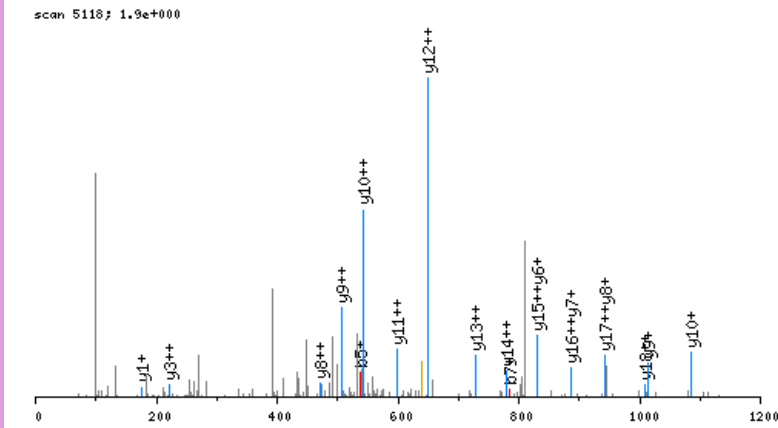
y + 2+ 3+

z + 2+ 3+

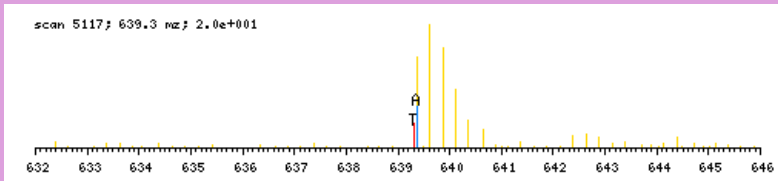
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



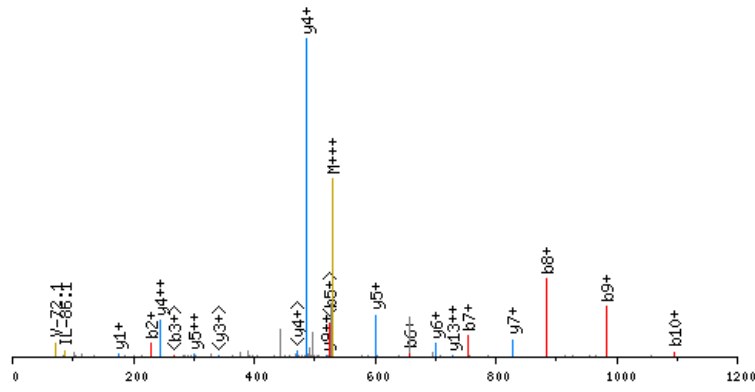
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 23		
215.1395	2	S 22	2427.1760	1214.0919
272.1610	3	G 21	2340.1440	1170.5759
401.2036	4	E 20	2283.1225	1142.0652
538.2625	5	H 19	2154.0800	1077.5439
669.3030	6	M 18	2017.0210	1009.0144
784.3299	7	D 17	1885.9806	943.4942
897.4140	8	L 16	1770.9536	885.9807
998.4617	9	T 15	1657.8696	829.4387
1099.5094	10	T 14	1556.8219	778.9148
1259.5400	11	C 13	1455.7742	728.3910
1356.5927	12	P 12	1295.7436	648.3757
1469.6768	13	L 11	1198.6908	599.8493
1540.7139	14	A 10	1085.6068	543.3073
1611.7510	15	A 9	1014.5697	507.7887
1668.7725	16	G 8	943.5325	472.2702
1725.7939	17	G 7	886.5111	443.7595
1853.8525	18	Q 6	829.4896	415.2487
1981.9111	19	Q 5	701.4310	351.2194
2110.9537	20	E 4	573.3725	287.1901
2267.0800	21	K 3	444.3299	222.6688
2380.1641	22	L 2	288.2036	144.6057
	23	R 1	175.1195	88.0637

N-term:+29.04 C(11):+160.03
 K(21):+156.13

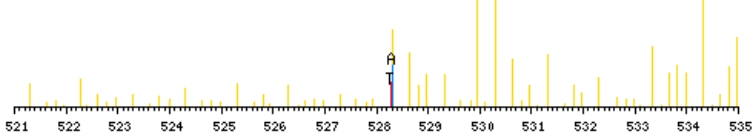
VTGAWDPEVLQALR, MH+ 1582.8593, m/z 528.2913
 L OS G25 P150811 220811-s1.05321.05321.3.dta

scan 5321; 5.9e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5317; 528.3 m/z; 2.3e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 14		
229.1552	2	T 13	1455.7596	728.3837
286.1767	3	G 12	1354.7119	677.8599
357.2138	4	A 11	1297.6905	649.3491
543.2931	5	W 10	1226.6533	613.8306
658.3200	6	D 9	1040.5740	520.7909
755.3728	7	P 8	925.5471	463.2775
884.4154	8	E 7	828.4943	414.7511
983.4838	9	V 6	699.4517	350.2298
1096.5679	10	L 5	600.3833	300.6956
1224.6264	11	Q 4	487.2993	244.1535
1295.6636	12	A 3	359.2407	180.1243
1408.7476	13	L 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+29.04

VTIIDAPGHR, MH+ 1112.6640, m/z 371.5595
 H OS G27 P150811 220811-s1.03268.03268.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

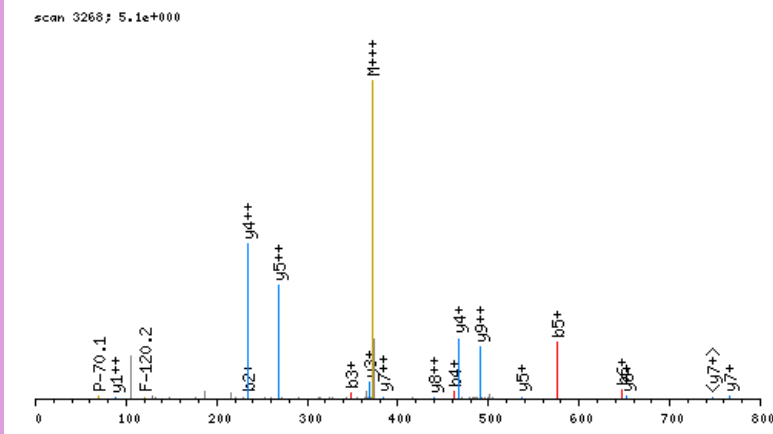
y + 2+ 3+

z + 2+ 3+

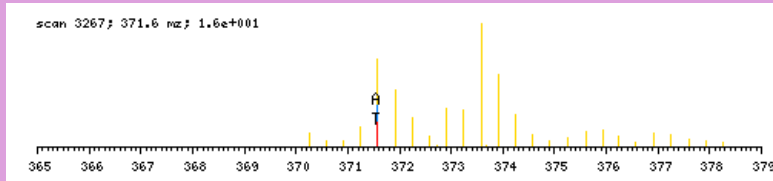
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V	10	
235.1870	2	T	9	979.5325
348.2711	3	I	8	878.4848
461.3551	4	I	7	765.4008
576.3821	5	D	6	652.3167
647.4192	6	A	5	537.2898
744.4719	7	P	4	466.2526
801.4934	8	G	3	369.1999
938.5523	9	H	2	312.1784
	10	R	1	175.1195

N-term: +35.07

VTQLDLDPKELSR, MH+ 1638.9703, m/z 546.9949
 H OS G26 P150811 220811-s1.04022.04022.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

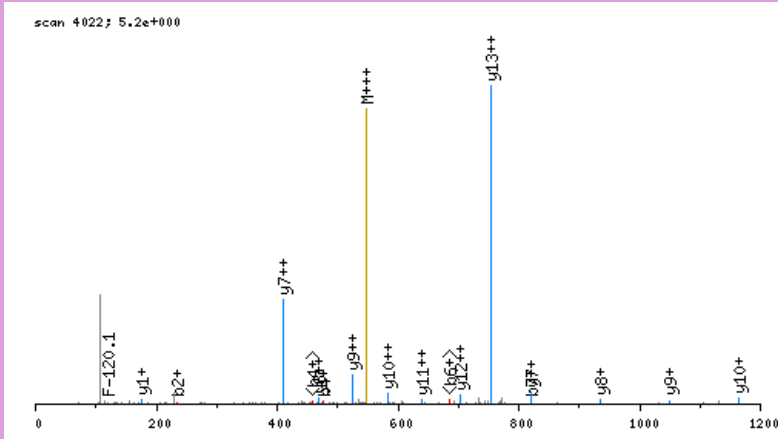
y + 2+ 3+

z + 2+ 3+

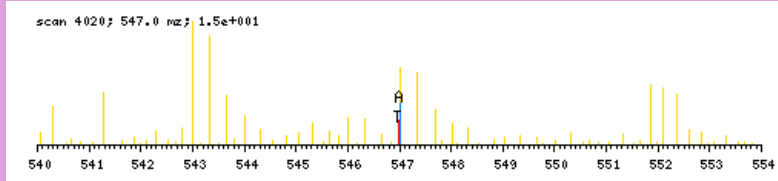
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V 14		
235.1870	2	T 13	1505.8388	753.4233
363.2456	3	Q 12	1404.7911	702.8995
476.3296	4	L 11	1276.7325	638.8702
591.3566	5	D 10	1163.6485	582.3281
704.4406	6	L 9	1048.6215	524.8147
819.4676	7	D 8	935.5375	468.2726
876.4890	8	G 7	820.5105	410.7592
973.5418	9	P 6	763.4891	382.2484
1135.6999	10	K 5	666.4363	333.7221
1264.7425	11	E 4	504.2782	252.6430
1377.8266	12	L 3	375.2356	188.1217
1464.8586	13	S 2	262.1515	131.5797
	14	R 1	175.1195	88.0637

N-term:+35.07 K(10):+162.16

VVAGGPEVLTPER, MH+ 1458.8380, m/z 486.9508
 H OS G24 P150811 220811-s1.03305.03305.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

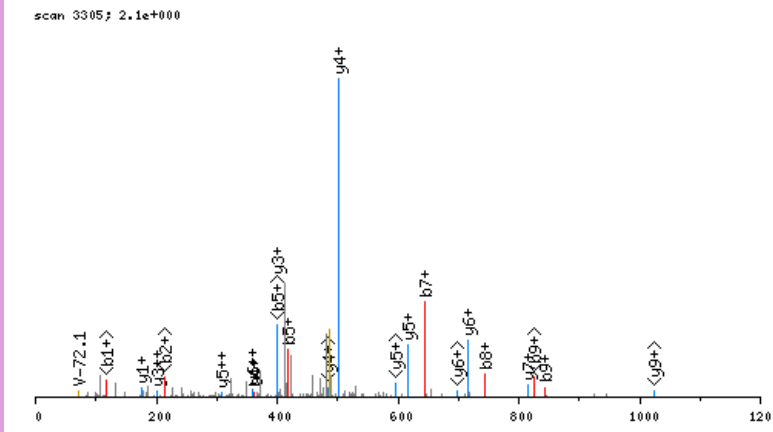
y + 2+ 3+

z + 2+ 3+

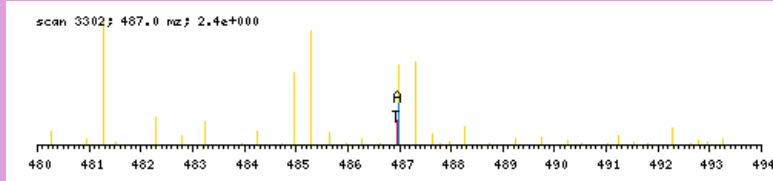
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



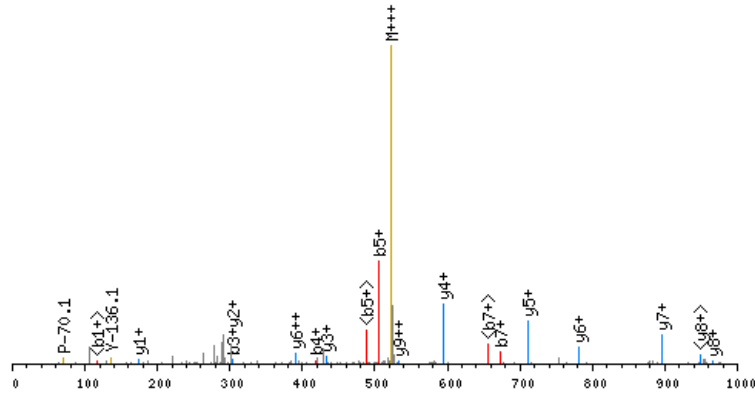
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V 14		
233.2077	2	V 13	1325.7065	663.3572
304.2448	3	A 12	1226.6381	613.8230
361.2663	4	G 11	1155.6010	578.3044
418.2878	5	G 10	1098.5795	549.7937
515.3405	6	P 9	1041.5580	521.2829
644.3831	7	E 8	944.5053	472.7566
743.4515	8	V 7	815.4627	408.2353
844.4992	9	T 6	716.3943	358.7011
957.5833	10	L 5	615.3466	308.1772
1058.6310	11	T 4	502.2625	251.6352
1155.6837	12	P 3	401.2149	201.1113
1284.7263	13	E 2	304.1621	152.5850
	14	R 1	175.1195	88.0637

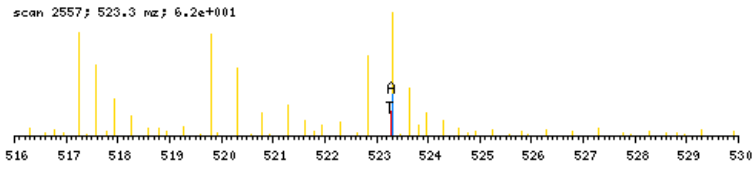
N-term:+35.07

VVANSPANADYQER, MH+ 1567.7928, m/z 523.2691
 H OS G25 P150811 220811-s1.02558.02558.3.dta

scan 2558; 5.8e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V 14		
233.2077	2	V 13	1434.6613	717.8346
304.2448	3	A 12	1335.5929	668.3004
418.2878	4	N 11	1264.5558	632.7818
505.3198	5	S 10	1150.5129	575.7604
602.3726	6	P 9	1063.4809	532.2443
673.4097	7	A 8	966.4281	483.7180
787.4526	8	N 7	895.3910	448.1994
858.4897	9	A 6	781.3481	391.1779
973.5167	10	D 5	710.3109	355.6594
1136.5800	11	Y 4	595.2840	298.1459
1264.6386	12	Q 3	432.2207	216.6142
1393.6812	13	E 2	304.1621	152.5850
	14	R 1	175.1195	88.0637

N-term:+35.07

VVAPTISSPVCQEQLVEAGR, MH+ 2168.1385, m/z 723.3843
 L OS G24 P150811 220811-s1.04053.04053.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

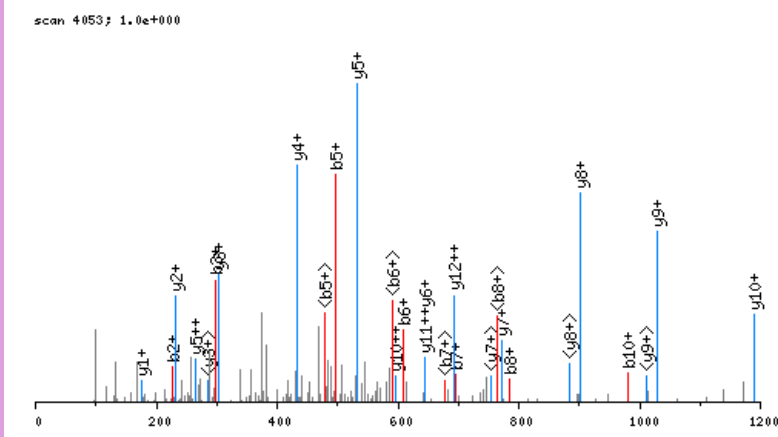
y + 2+ 3+

z + 2+ 3+

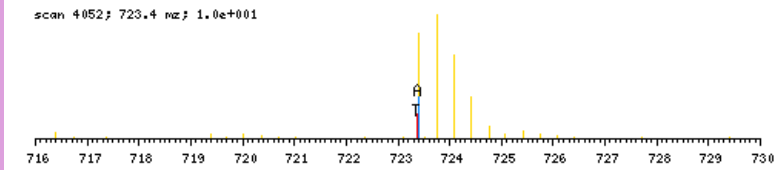
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



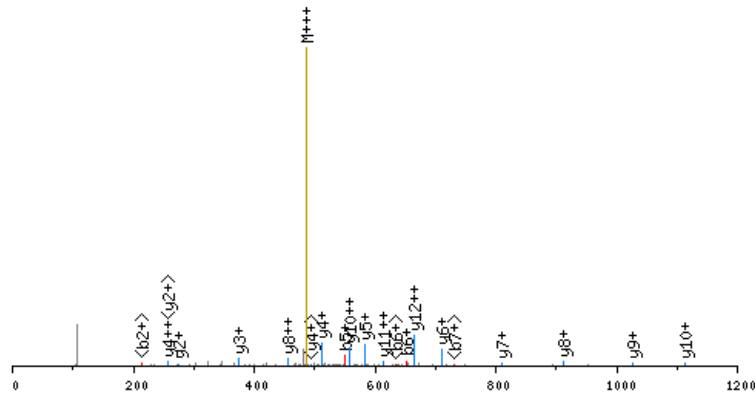
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V	20	
227.1759	2	V	19	2041.0388
298.2130	3	A	18	1941.9704
395.2658	4	P	17	1870.9332
496.3135	5	T	16	1773.8805
609.3975	6	I	15	1672.8328
696.4296	7	S	14	1559.7487
783.4616	8	S	13	1472.7167
880.5144	9	P	12	1385.6847
979.5828	10	V	11	1288.6319
1139.6134	11	C	10	1189.5635
1267.6720	12	Q	9	1029.5329
1396.7146	13	E	8	901.4743
1524.7731	14	Q	7	772.4317
1637.8572	15	L	6	644.3731
1736.9256	16	V	5	531.2891
1865.9682	17	E	4	432.2207
1937.0053	18	A	3	303.1781
1994.0268	19	G	2	232.1410
	20	R	1	175.1195

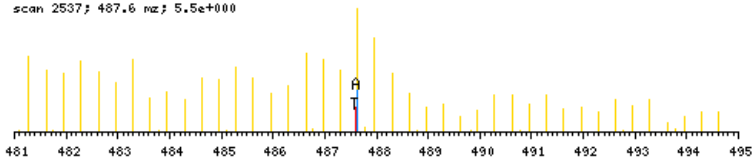
N-term:+29.04 C(11):+160.03

VVDSDTVQAHTVR, MH+ 1460.7921, m/z 487.6022
 H OS G27 P150811 220811-s1.02539.02539.3.dta

scan 2539; 6.9e+000



scan 2537; 487.6 m/z; 5.5e+000



X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V 13		
233.2077	2	V 12	1327.6606	664.3342
348.2347	3	D 11	1228.5922	614.8000
435.2667	4	S 10	1113.5653	557.2865
550.2936	5	D 9	1026.5332	513.7705
651.3413	6	T 8	911.5063	456.2571
750.4097	7	V 7	810.4586	405.7332
878.4683	8	Q 6	711.3902	356.1990
949.5054	9	A 5	583.3316	292.1697
1086.5643	10	H 4	512.2945	256.6512
1187.6120	11	T 3	375.2356	188.1217
1286.6804	12	V 2	274.1879	137.5979
	13	R 1	175.1195	88.0637

N-term:+35.07

VVEHPEFLKAGKEPGLQIWR, MH+ 2417.3710, m/z 605.0982
 L OS G28 P150811 220811-s1.07212.07212.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

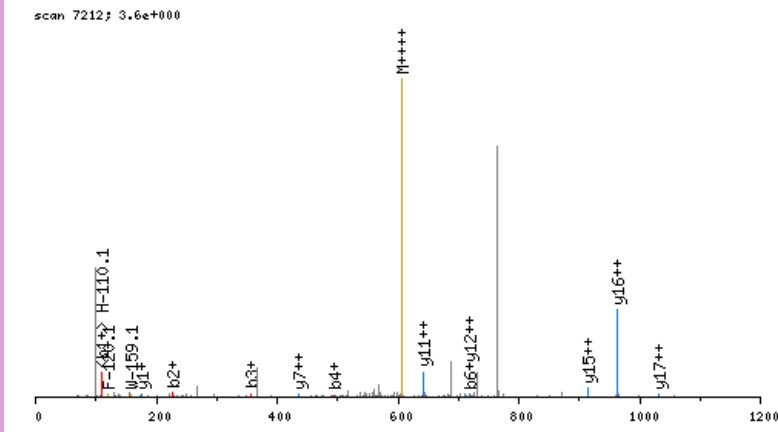
y + 2+ 3+

z + 2+ 3+

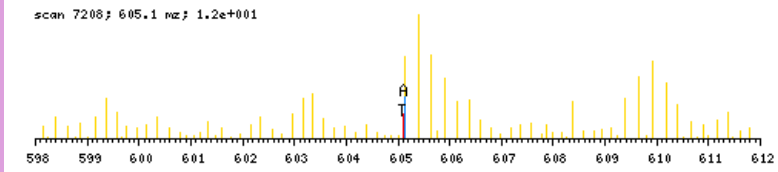
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
128.1075	1	V	20		
227.1759	2	V	19	2290.2713	1145.6395
356.2185	3	E	18	2191.2029	1096.1053
493.2774	4	H	17	2062.1603	1031.5840
590.3302	5	P	16	1925.1014	963.0546
719.3728	6	E	15	1828.0486	914.5282
866.4412	7	F	14	1699.0060	850.0069
979.5253	8	L	13	1551.9376	776.4727
1135.6516	9	K	12	1438.8535	719.9307
1206.6887	10	A	11	1282.7272	641.8675
1263.7101	11	G	10	1211.6901	606.3490
1419.8364	12	K	9	1154.6686	577.8382
1548.8790	13	E	8	998.5423	499.7751
1645.9318	14	P	7	869.4997	435.2538
1702.9533	15	G	6	772.4470	386.7274
1816.0373	16	L	5	715.4255	358.2167
1944.0959	17	Q	4	602.3415	301.6746
2057.1800	18	I	3	474.2829	237.6454
2243.2593	19	W	2	361.1988	181.1033
	20	R	1	175.1195	88.0637

N-term:+29.04 K(9):+156.13
 K(12):+156.13

VVEKDTTINEIEDTFR, MH+ 1965.0181, m/z 655.6775
 L OS G26 P150811 220811-s1.05768.05768.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

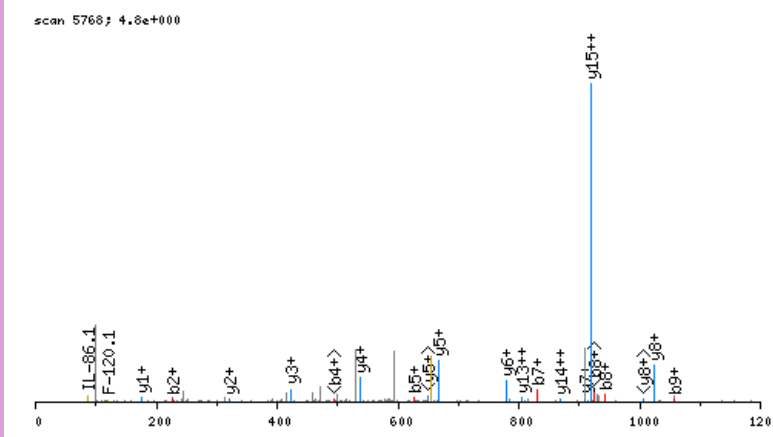
y + 2+ 3+

z + 2+ 3+

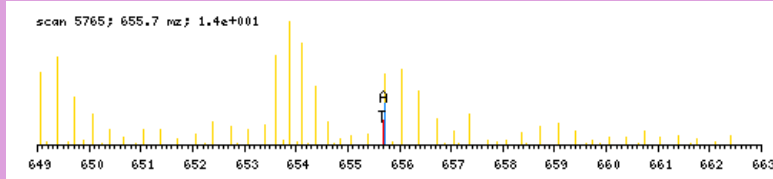
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 16		
227.1759	2	V 15	1837.9184	919.4631
356.2185	3	E 14	1738.8500	869.9289
512.3448	4	K 13	1609.8074	805.4076
627.3718	5	D 12	1453.6811	727.3445
728.4194	6	T 11	1338.6541	669.8310
829.4671	7	T 10	1237.6065	619.3071
942.5512	8	I 9	1136.5588	568.7833
1056.5941	9	N 8	1023.4747	512.2413
1185.6367	10	E 7	909.4318	455.2198
1298.7208	11	I 6	780.3892	390.6985
1427.7634	12	E 5	667.3051	334.1565
1542.7903	13	D 4	538.2625	269.6352
1643.8380	14	T 3	423.2356	212.1217
1790.9064	15	F 2	322.1879	161.5979
	16	R 1	175.1195	88.0637

N-term:+29.04 K(4):+156.13

VVREEEMGEEEEEVER, MH+ 1876.8598, m/z 626.2915
 L OS G27 P150811 220811-s1.03045.03045.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

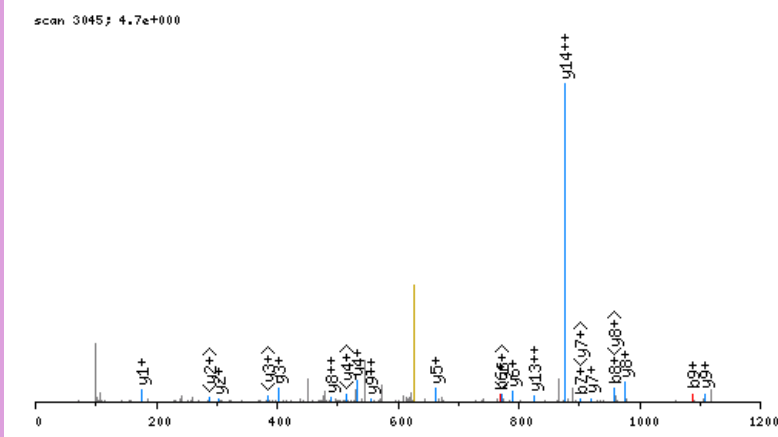
y + 2+ 3+

z + 2+ 3+

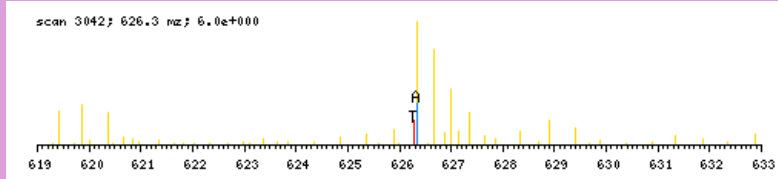
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V	15	
227.1759	2	V	14	875.3840
383.2770	3	R	13	825.8498
512.3196	4	E	12	747.7992
641.3622	5	E	11	683.2779
770.4048	6	E	10	618.7566
901.4453	7	M	9	554.2353
958.4668	8	G	8	488.7151
1087.5094	9	E	7	460.2044
1216.5520	10	E	6	395.6831
1345.5945	11	E	5	331.1618
1474.6371	12	E	4	266.6405
1573.7056	13	V	3	202.1192
1702.7481	14	E	2	152.5850
	15	R	1	88.0637

N-term:+29.04

VVVPDVESLPSWAQKR, MH+ 1866.0489, m/z 622.6878
 L OS G26 P150811 220811-s1.06028.06028.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

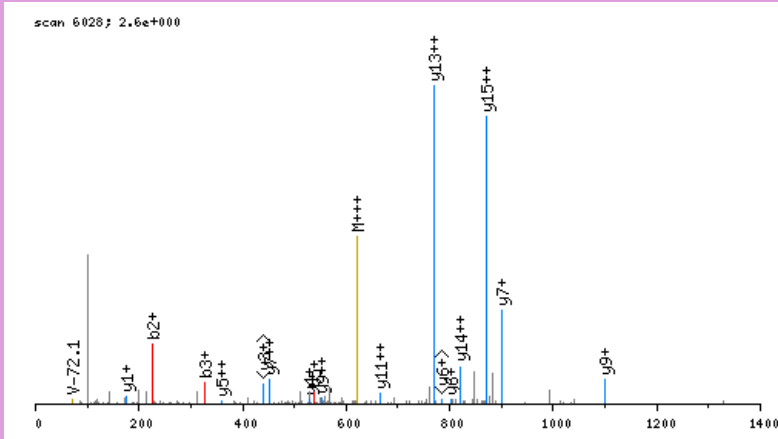
y + 2+ 3+

z + 2+ 3+

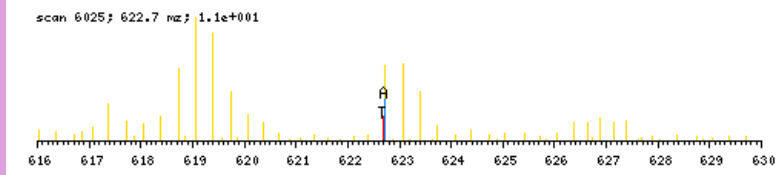
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



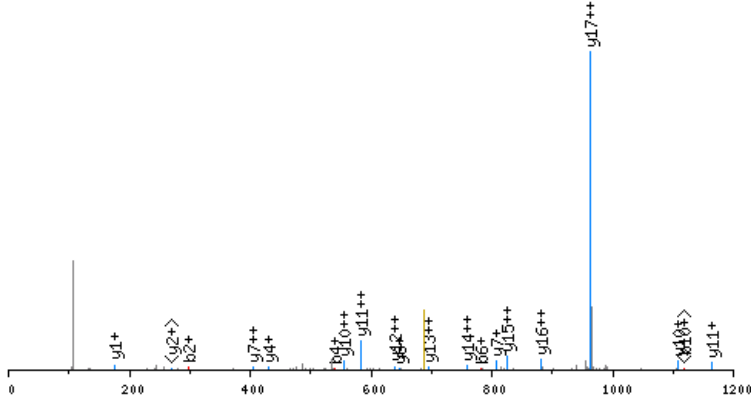
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 16		
227.1759	2	V 15	1738.9492	869.9785
326.2443	3	V 14	1639.8808	820.4443
423.2971	4	P 13	1540.8124	770.9101
538.3240	5	D 12	1443.7596	722.3837
637.3925	6	V 11	1328.7327	664.8703
766.4351	7	E 10	1229.6643	615.3361
853.4671	8	S 9	1100.6217	550.8148
966.5511	9	L 8	1013.5897	507.2987
1063.6039	10	P 7	900.5056	450.7567
1150.6359	11	S 6	803.4528	402.2303
1336.7153	12	W 5	716.4208	358.7143
1407.7524	13	A 4	530.3415	265.6747
1535.8109	14	Q 3	459.3044	230.1561
1691.9372	15	K 2	331.2458	166.1268
	16	R 1	175.1195	88.0637

N-term:+29.04 K(15):+156.13

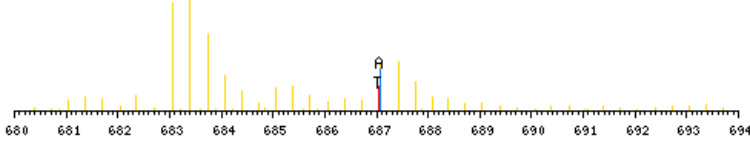
VYDQELLGPSDKSEAAALR, MH+ 2059.1348, m/z 687.0498
 H OS G26 P150811 220811-s1.04269.04269.3.dta

scan 4269; 8.2e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4265; 687.1 m/z; 3.6e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V 18		
297.2026	2	Y 17	1926.0033	963.5056
412.2296	3	D 16	1762.9400	881.9739
540.2882	4	Q 15	1647.9130	824.4604
669.3308	5	E 14	1519.8544	760.4311
782.4148	6	L 13	1390.8118	695.9098
895.4989	7	L 12	1277.7278	639.3678
952.5203	8	G 11	1164.6437	582.8258
1049.5731	9	P 10	1107.6222	554.3150
1136.6051	10	S 9	1010.5695	505.7887
1251.6321	11	D 8	923.5375	462.2726
1413.7902	12	K 7	808.5105	404.7592
1500.8222	13	S 6	646.3524	323.6801
1629.8648	14	E 5	559.3204	280.1641
1700.9019	15	A 4	430.2778	215.6428
1771.9390	16	A 3	359.2407	180.1243
1885.0231	17	L 2	288.2036	144.6057
	18	R 1	175.1195	88.0637

N-term:+35.07 K(12):+162.16

VYGTGKHGTSLKTLR, MH+ 1865.0649, m/z 622.3598
 L OS G26 P150811 220811-s1.03397.03397.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

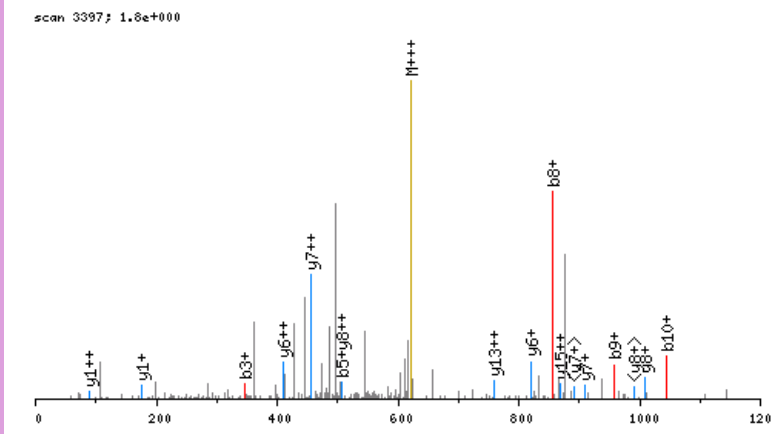
y + 2+ 3+

z + 2+ 3+

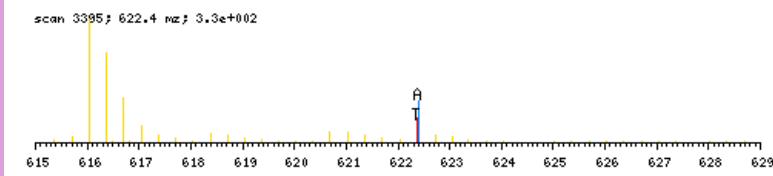
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
128.1075	1	V	16		
291.1708	2	Y	15	1737.9653	869.4865
348.1923	3	G	14	1574.9019	787.9549
449.2400	4	T	13	1517.8805	759.4441
506.2614	5	G	12	1416.8328	708.9203
662.3877	6	K	11	1359.8113	680.4096
799.4467	7	H	10	1203.6850	602.3464
856.4681	8	G	9	1066.6261	533.8170
957.5158	9	T	8	1009.6046	505.3062
1044.5478	10	S	7	908.5570	454.7824
1157.6319	11	L	6	821.5249	411.2664
1313.7582	12	K	5	708.4409	354.7243
1414.8059	13	T	4	552.3146	276.6612
1527.8899	14	L	3	451.2669	226.1374
1690.9533	15	Y	2	338.1828	169.5953
	16	R	1	175.1195	88.0637

N-term:+29.04 K(6):+156.13
 K(12):+156.13

WAKVNPDEVGGEALGR, MH+ 1753.9237, m/z 585.3128
 L OS G26 P150811 220811-s1.04082.04082.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

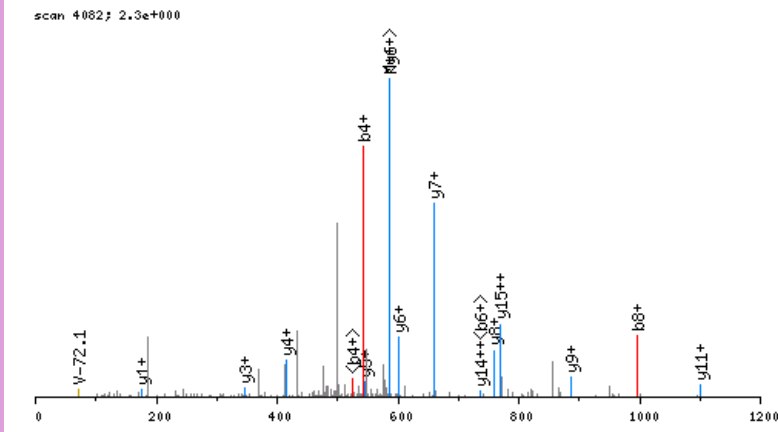
y + 2+ 3+

z + 2+ 3+

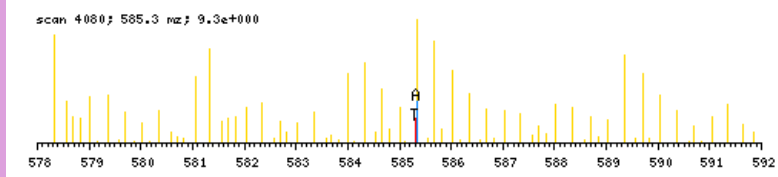
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
215.1184	1	W 16		
286.1555	2	A 15	1539.8131	770.4105
442.2818	3	K 14	1468.7760	734.8919
541.3502	4	V 13	1312.6497	656.8288
655.3932	5	N 12	1213.5813	607.2946
752.4459	6	P 11	1099.5384	550.2731
867.4729	7	D 10	1002.4856	501.7467
996.5155	8	E 9	887.4587	444.2332
1095.5839	9	V 8	758.4161	379.7120
1152.6053	10	G 7	659.3477	330.1777
1209.6268	11	G 6	602.3262	301.6670
1338.6694	12	E 5	545.3047	273.1563
1409.7065	13	A 4	416.2621	208.6350
1522.7906	14	L 3	345.2250	173.1164
1579.8120	15	G 2	232.1410	116.5744
	16	R 1	175.1195	88.0637

N-term:+29.04 K(3):+156.13

WELTILHTNDVHSR, MH+ 1754.9402, m/z 439.4905
 H OS G28 P150811 220811-s1.06980.06980.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

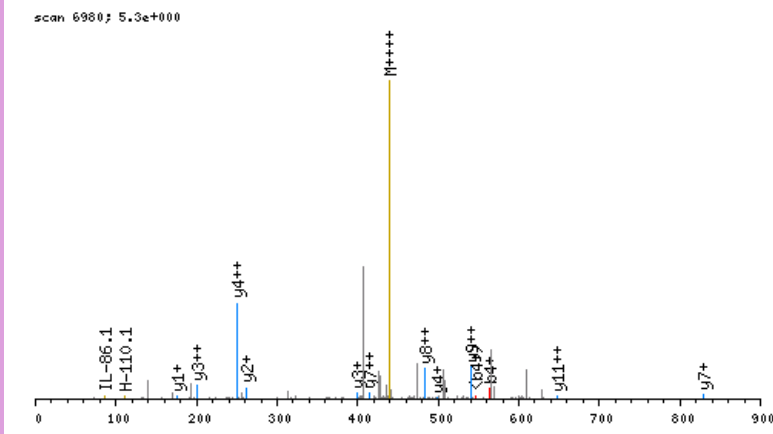
y + 2+ 3+

z + 2+ 3+

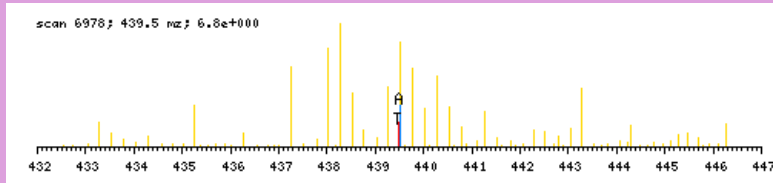
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



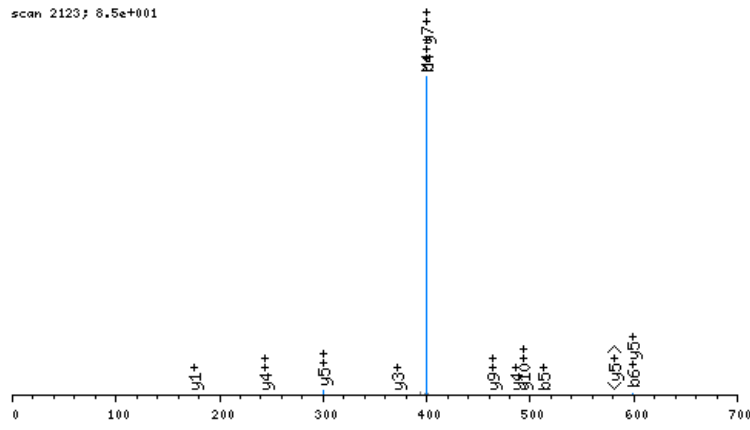
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
221.1502	1	W 14		
350.1928	2	E 13	1534.7978	767.9028
463.2769	3	L 12	1405.7552	703.3815
564.3245	4	T 11	1292.6711	646.8395
677.4086	5	I 10	1191.6234	596.3156
790.4927	6	L 9	1078.5394	539.7736
927.5516	7	H 8	965.4553	483.2316
1028.5993	8	T 7	828.3964	414.7021
1142.6422	9	N 6	727.3487	364.1783
1257.6691	10	D 5	613.3058	307.1568
1356.7376	11	V 4	498.2789	249.6433
1493.7965	12	H 3	399.2104	200.1091
1580.8285	13	S 2	262.1515	131.5797
	14	R 1	175.1195	88.0637

N-term:+35.07

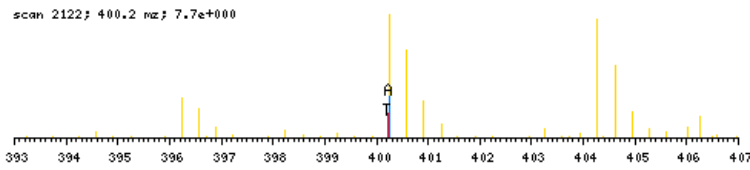
WGGALS LDVPR, MH+ 1198.6584, m/z 400.2243
 L OS G27 P150811 220811-s1.02123.02123.3.dta

scan 2123; 8.5e+001



click image to zoom in; click top corners to zoom out [precursor±]

scan 2122; 400.2 m/z; 7.7e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
215.1184	1	W 11		
272.1399	2	G 10	984.5478	492.7778
329.1613	3	G 9	927.5264	464.2671
400.1985	4	A 8	870.5049	435.7564
513.2825	5	L 7	799.4678	400.2378
600.3145	6	S 6	686.3837	343.6958
713.3986	7	L 5	599.3517	300.1798
828.4256	8	D 4	486.2676	243.6377
927.4940	9	V 3	371.2407	186.1243
1024.5467	10	P 2	272.1723	136.5900
	11	R 1	175.1195	88.0637

N-term:+29.04

WGKVNSDEVGGEALGR, MH+ 1729.8873, m/z 577.3006
 L OS G27 P150811 220811-s1.04979.04979.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

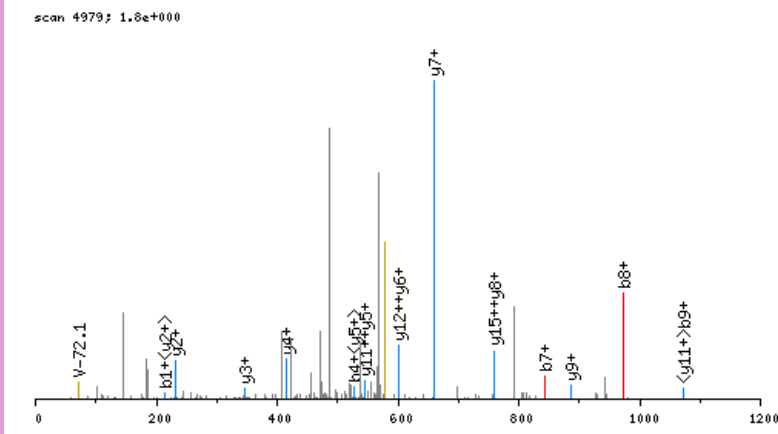
y + 2+ 3+

z + 2+ 3+

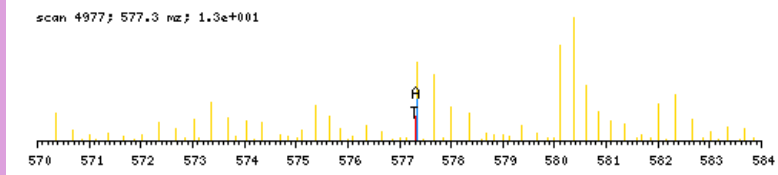
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
215.1184	1	W 16		
272.1399	2	G 15	1515.7767	758.3923
428.2662	3	K 14	1458.7553	729.8816
527.3346	4	V 13	1302.6290	651.8184
641.3775	5	N 12	1203.5606	602.2842
728.4095	6	S 11	1089.5176	545.2627
843.4365	7	D 10	1002.4856	501.7467
972.4791	8	E 9	887.4587	444.2332
1071.5475	9	V 8	758.4161	379.7120
1128.5690	10	G 7	659.3477	330.1777
1185.5904	11	G 6	602.3262	301.6670
1314.6330	12	E 5	545.3047	273.1563
1385.6701	13	A 4	416.2621	208.6350
1498.7542	14	L 3	345.2250	173.1164
1555.7757	15	G 2	232.1410	116.5744
	16	R 1	175.1195	88.0637

N-term:+29.04 K(3):+156.13

WISKQEYDESGPSIVHR, MH+ 2099.1198, m/z 525.5354
 H OS G28 P150811 220811-s1.04654.04654.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

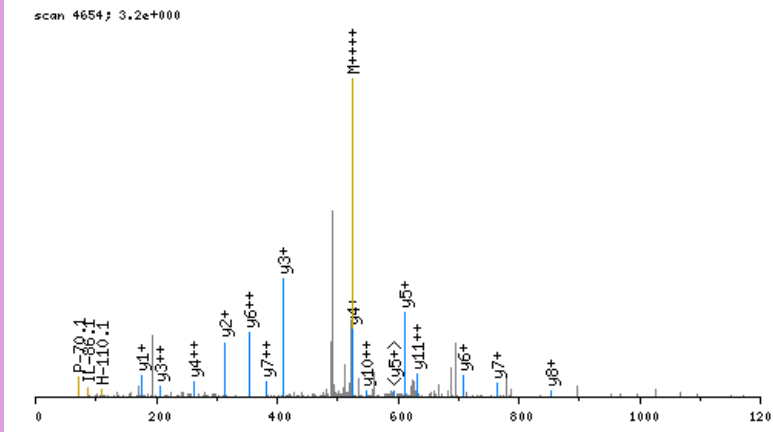
y + 2+ 3+

z + 2+ 3+

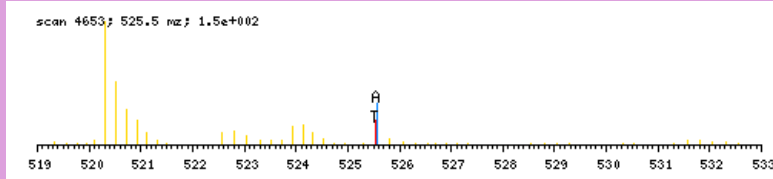
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



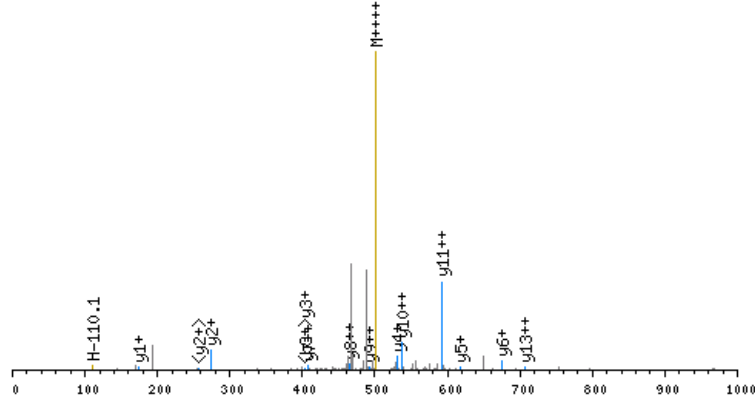
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
221.1502	1	W 17		
334.2343	2	I 16	1878.9774	939.9926
421.2663	3	S 15	1765.8933	883.4506
583.4244	4	K 14	1678.8613	839.9346
711.4830	5	Q 13	1516.7032	758.8555
840.5256	6	E 12	1388.6446	694.8262
1003.5889	7	Y 11	1259.6020	630.3049
1118.6158	8	D 10	1096.5387	548.7733
1247.6584	9	E 9	981.5118	491.2598
1334.6905	10	S 8	852.4692	426.7385
1391.7119	11	G 7	765.4371	383.2225
1488.7647	12	P 6	708.4157	354.7118
1575.7967	13	S 5	611.3629	306.1854
1688.8808	14	I 4	524.3309	262.6694
1787.9492	15	V 3	411.2468	206.1273
1925.0081	16	H 2	312.1784	156.5931
	17	R 1	175.1195	88.0637

N-term:+35.07 K(4):+162.16

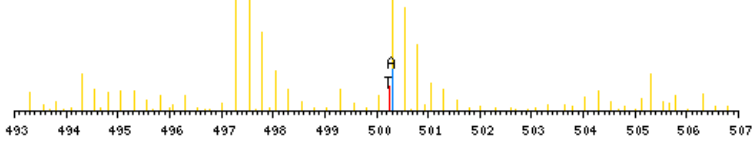
WISKTDSDHGSQEVK, MH+ 1998.0317, m/z 500.2634
 H OS G28 P150811 220811-s1.02020.02020.4.dta

scan 2020; 5.5e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2018; 500.3 m/z; 5.5e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

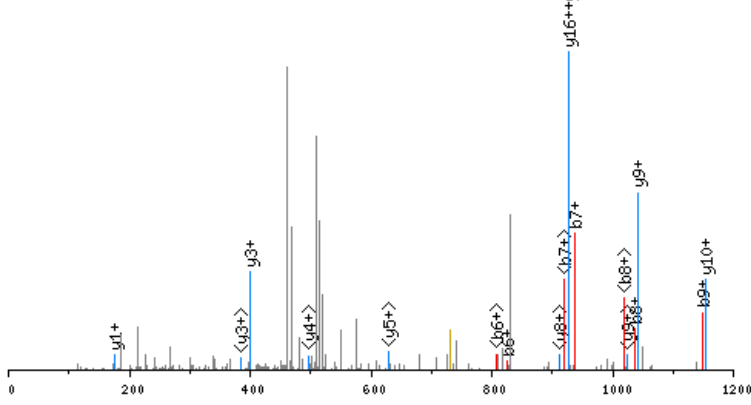
GO

b ⁺	#	AA #	y ⁺	y ²⁺
221.1502	1	W 17		
334.2343	2	I 16	1777.8893	889.4486
421.2663	3	S 15	1664.8053	832.9065
583.4244	4	K 14	1577.7732	789.3905
684.4721	5	T 13	1415.6151	708.3115
812.5307	6	Q 12	1314.5674	657.7876
927.5576	7	D 11	1186.5089	593.7583
1014.5896	8	S 10	1071.4819	536.2449
1071.6111	9	G 9	984.4499	492.7289
1186.6380	10	D 8	927.4284	464.2181
1323.6970	11	H 7	812.4015	406.7047
1380.7184	12	G 6	675.3426	338.1752
1467.7504	13	S 5	618.3211	309.6645
1595.8090	14	Q 4	531.2891	266.1485
1724.8516	15	E 3	403.2305	202.1192
1823.9200	16	V 2	274.1879	137.5979
	17	R 1	175.1195	88.0637

N-term:+35.07 K(4):+162.16

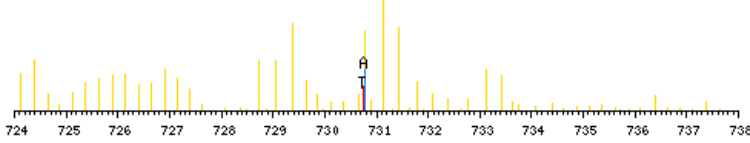
WLQTFNIVILEPGMLEPR, MH+ 2190.2209, m/z 730.7451
 H OS G24 P150811 220811-s1.04898.04898.3.dta

scan 4898; 1.5e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4895; 730.7 m/z; 4.5e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

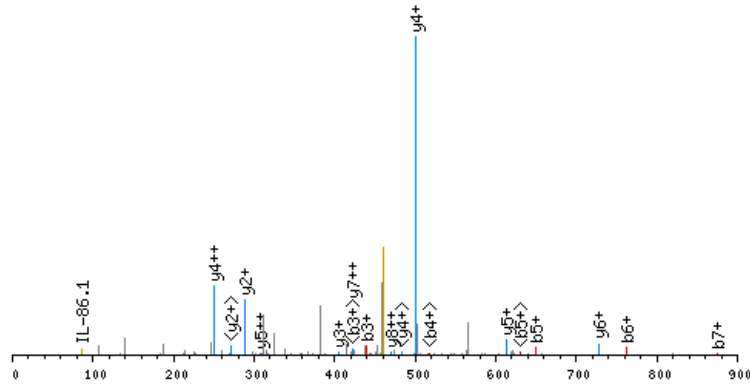
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
221.1502	1	W	18		
334.2343	2	L	17	1970.0785	985.5432
462.2929	3	Q	16	1856.9944	929.0011
563.3405	4	T	15	1728.9359	864.9718
710.4089	5	F	14	1627.8882	814.4480
824.4519	6	N	13	1480.8198	740.9138
937.5359	7	I	12	1366.7768	683.8923
1036.6044	8	V	11	1253.6928	627.3503
1149.6884	9	I	10	1154.6244	577.8161
1262.7725	10	L	9	1041.5403	521.2741
1391.8151	11	E	8	928.4562	464.7320
1488.8678	12	P	7	799.4136	400.2107
1545.8893	13	G	6	702.3609	351.6843
1676.9298	14	M	5	645.3394	323.1736
1790.0138	15	L	4	514.2989	257.6534
1919.0564	16	E	3	401.2149	201.1113
2016.1092	17	P	2	272.1723	136.5900
	18	R	1	175.1195	88.0637

N-term:+35.07

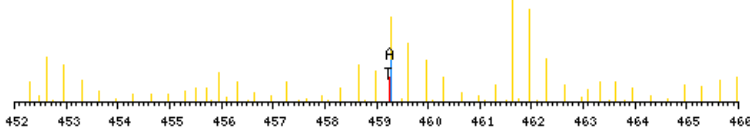
WSHPLLIPDNR, MH+ 1375.7486, m/z 459.2544
 L OS G27 P150811 220811-s1.05413.05413.3.dta

scan 5413; 5.1e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 5412; 459.3 m/z; 2.7e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
215.1184	1	W 11		
302.1504	2	S 10	1161.6380	581.3229
439.2094	3	H 9	1074.6060	537.8069
536.2621	4	P 8	937.5471	469.2775
649.3462	5	L 7	840.4943	420.7511
762.4302	6	L 6	727.4103	364.2090
875.5143	7	I 5	614.3262	307.6670
972.5671	8	P 4	501.2421	251.1250
1087.5940	9	D 3	404.1894	202.5986
1201.6369	10	N 2	289.1624	145.0851
	11	R 1	175.1195	88.0637

N-term:+29.04

WTQDSDENEQER, MH+ 1564.6515, m/z 522.2220
 L OS G25 P150811 220811-s1.02069.02069.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

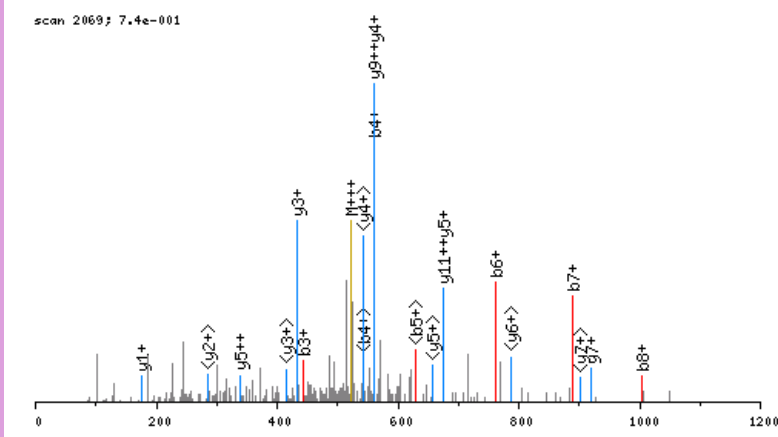
y + 2+ 3+

z + 2+ 3+

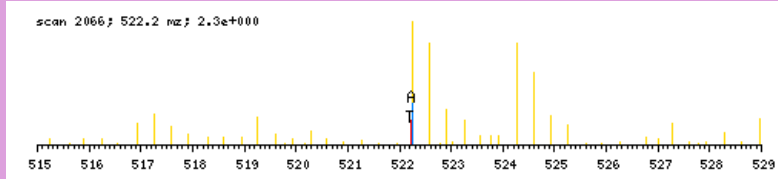
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



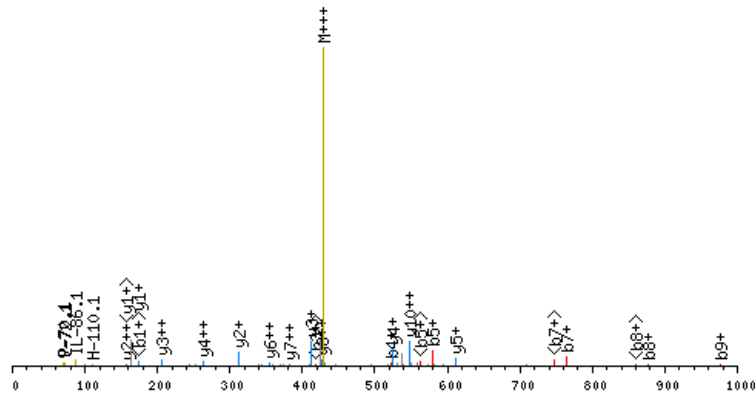
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
215.1184	1	W 12		
316.1661	2	T 11	1350.5410	675.7744
444.2247	3	Q 10	1249.4933	625.2506
559.2516	4	D 9	1121.4347	561.2213
646.2836	5	S 8	1006.4078	503.7078
761.3106	6	D 7	919.3757	460.1918
890.3532	7	E 6	804.3488	402.6783
1004.3961	8	N 5	675.3062	338.1570
1133.4387	9	E 4	561.2633	281.1355
1261.4973	10	Q 3	432.2207	216.6142
1390.5399	11	E 2	304.1621	152.5850
	12	R 1	175.1195	88.0637

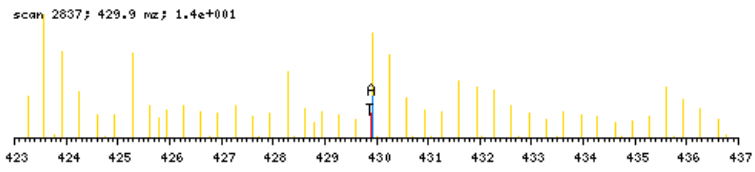
N-term:+29.04

YDESGPSIVHR, MH+ 1287.6333, m/z 429.8826
 L OS G27 P150811 220811-s1.02839.02839.3.dta

scan 2839; 8.5e+000



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
192.1024	1	Y	11	
307.1294	2	D	10	1096.5387
436.1720	3	E	9	981.5118
523.2040	4	S	8	852.4692
580.2255	5	G	7	765.4371
677.2782	6	P	6	708.4157
764.3102	7	S	5	611.3629
877.3943	8	I	4	524.3309
976.4627	9	V	3	411.2468
1113.5216	10	H	2	312.1784
	11	R	1	175.1195

N-term:+29.04

YDFIEDQGGLEAVR, MH+ 1639.7968, m/z 547.2704
 L OS G25 P150811 220811-s1.07090.07090.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

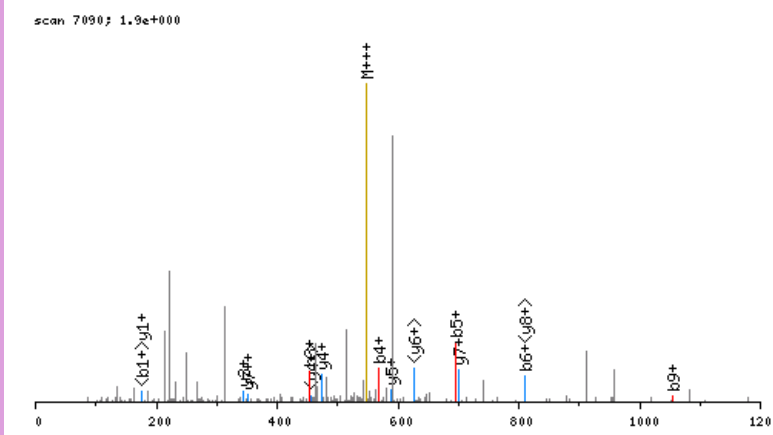
y + 2+ 3+

z + 2+ 3+

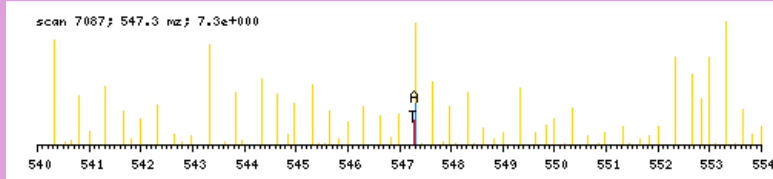
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
192.1024	1	Y 14		
307.1294	2	D 13	1448.7021	724.8550
454.1978	3	F 12	1333.6752	667.3415
567.2818	4	I 11	1186.6068	593.8073
696.3244	5	E 10	1073.5227	537.2653
811.3514	6	D 9	944.4801	472.7440
939.4100	7	Q 8	829.4532	415.2305
996.4314	8	G 7	701.3946	351.2012
1053.4529	9	G 6	644.3731	322.6905
1166.5370	10	L 5	587.3517	294.1798
1295.5795	11	E 4	474.2676	237.6377
1366.6167	12	A 3	345.2250	173.1164
1465.6851	13	V 2	274.1879	137.5979
	14	R 1	175.1195	88.0637

N-term:+29.04

YDLADQLHAAVGASR, MH+ 1614.8240, m/z 538.9462
 L OS G27 P150811 220811-s1.06413.06413.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

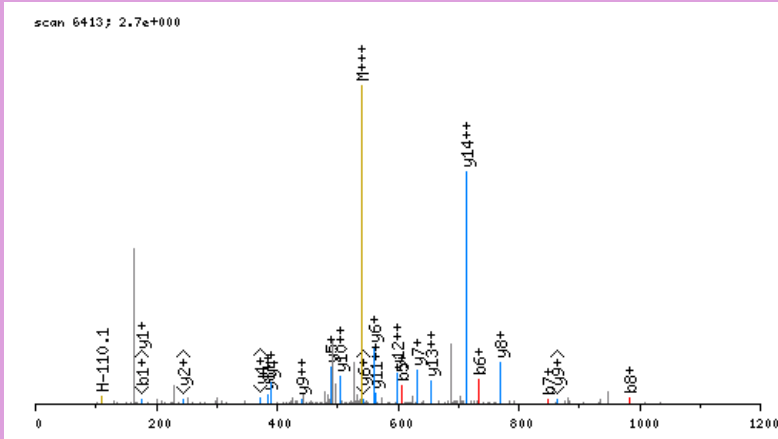
y + 2+ 3+

z + 2+ 3+

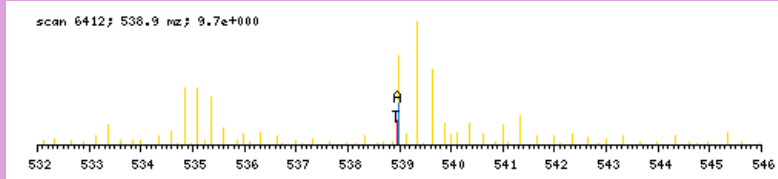
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
192.1024	1	Y	15		
307.1294	2	D	14	1423.7294	712.3686
420.2134	3	L	13	1308.7024	654.8551
491.2505	4	A	12	1195.6184	598.3131
606.2775	5	D	11	1124.5812	562.7945
734.3361	6	Q	10	1009.5543	505.2811
847.4201	7	L	9	881.4957	441.2518
984.4790	8	H	8	768.4117	384.7097
1055.5162	9	A	7	631.3527	316.1803
1126.5533	10	A	6	560.3156	280.6617
1225.6217	11	V	5	489.2785	245.1432
1282.6432	12	G	4	390.2101	195.6090
1353.6803	13	A	3	333.1886	167.0982
1440.7123	14	S	2	262.1515	131.5797
	15	R	1	175.1195	88.0637

N-term:+29.04

YDNEYGYSNR, MH+ 1308.5496, m/z 654.7785
 L OS G25 P150811 220811-s1.02511.02511.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

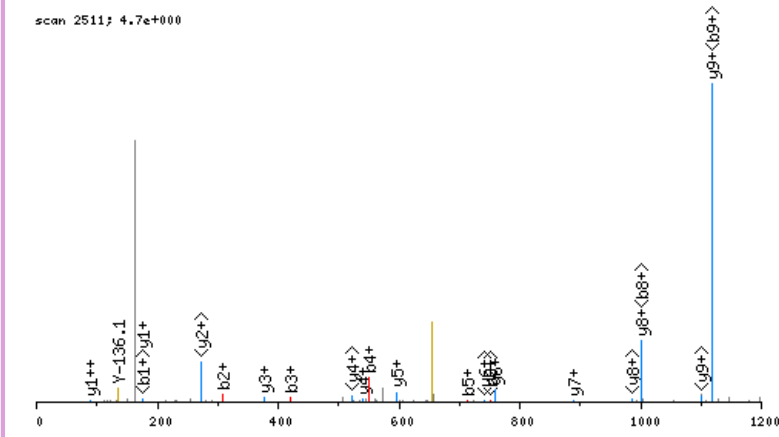
y + 2+ 3+

z + 2+ 3+

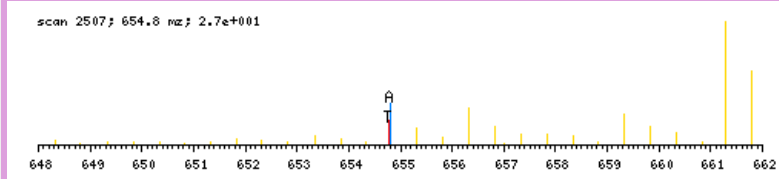
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
192.1024	1	Y	10	
307.1294	2	D	9	1117.4550 559.2314
421.1723	3	N	8	1002.4281 501.7180
550.2149	4	E	7	888.3852 444.6965
713.2782	5	Y	6	759.3426 380.1752
770.2997	6	G	5	596.2792 298.6435
933.3630	7	Y	4	539.2578 270.1328
1020.3950	8	S	3	376.1945 188.6011
1134.4380	9	N	2	289.1624 145.0851
	10	R	1	175.1195 88.0637

N-term:+29.04

YDPAGGEDPLGAVHLR, MH+ 1694.8502, m/z 565.6216
 L OS G26 P150811 220811-s1.05217.05217.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

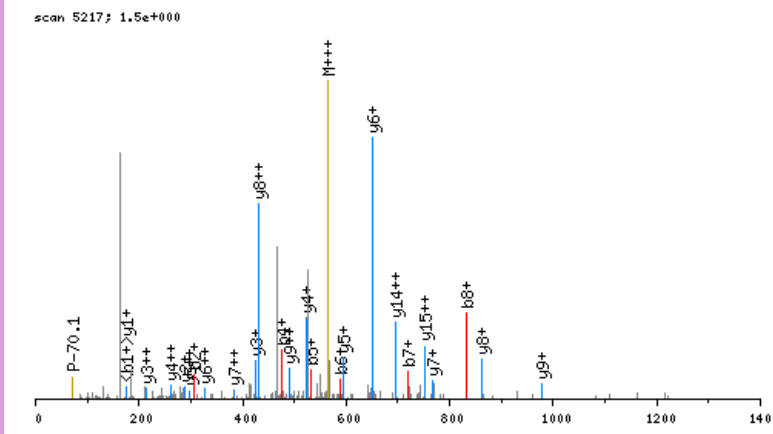
y + 2+ 3+

z + 2+ 3+

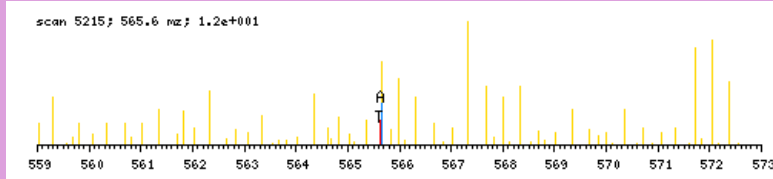
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
192.1024	1	Y 16		
307.1294	2	D 15	1503.7556	752.3817
404.1821	3	P 14	1388.7286	694.8682
475.2192	4	A 13	1291.6759	646.3418
532.2407	5	G 12	1220.6388	610.8233
589.2622	6	G 11	1163.6173	582.3126
718.3048	7	E 10	1106.5958	553.8018
833.3317	8	D 9	977.5532	489.2805
930.3845	9	P 8	862.5263	431.7671
1043.4685	10	L 7	765.4735	383.2407
1100.4900	11	G 6	652.3895	326.6986
1171.5271	12	A 5	595.3680	298.1879
1270.5955	13	V 4	524.3309	262.6694
1407.6544	14	H 3	425.2625	213.1352
1520.7385	15	L 2	288.2036	144.6057
	16	R 1	175.1195	88.0637

N-term:+29.04

YEKPTQTEAPQVTGPIEVPVVR, MH+ 2393.3080, m/z 599.0825
 L OS G26 P150811 220811-s1.05018.05018.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

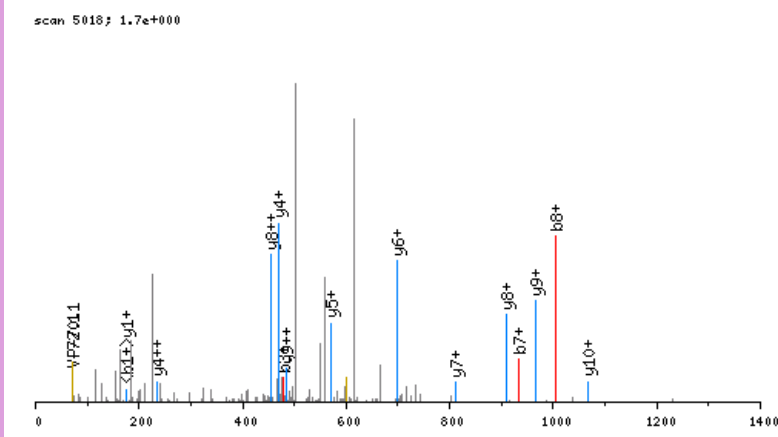
y + 2+ 3+

z + 2+ 3+

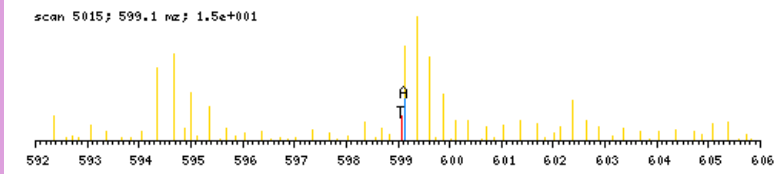
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
192.1024	1	Y 21		
321.1450	2	E 20	2202.2134	1101.6106
477.2713	3	K 19	2073.1709	1037.0893
574.3241	4	P 18	1917.0446	959.0262
702.3827	5	Q 17	1819.9918	910.4998
803.4303	6	T 16	1691.9332	846.4705
932.4729	7	E 15	1590.8855	795.9467
1003.5100	8	A 14	1461.8429	731.4254
1100.5628	9	P 13	1390.8058	695.9068
1228.6214	10	Q 12	1293.7531	647.3804
1327.6898	11	V 11	1165.6945	583.3512
1428.7375	12	T 10	1066.6261	533.8169
1485.7589	13	G 9	965.5784	483.2931
1582.8117	14	P 8	908.5569	454.7824
1695.8958	15	I 7	811.5042	406.2560
1824.9384	16	E 6	698.4201	349.7140
1924.0068	17	V 5	569.3775	285.1927
2021.0595	18	P 4	470.3091	235.6585
2120.1280	19	V 3	373.2563	187.1321
2219.1964	20	V 2	274.1879	137.5979
	21	R 1	175.1195	88.0637

N-term:+29.04 K(3):+156.13

YELPDGQVITIGNER, MH+ 1731.8917, m/z 577.9688
 L OS G25 P150811 220811-s1.07248.07248.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

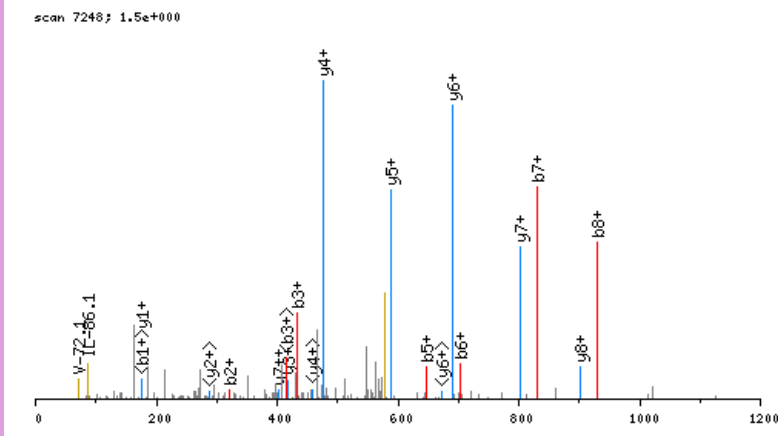
y + 2+ 3+

z + 2+ 3+

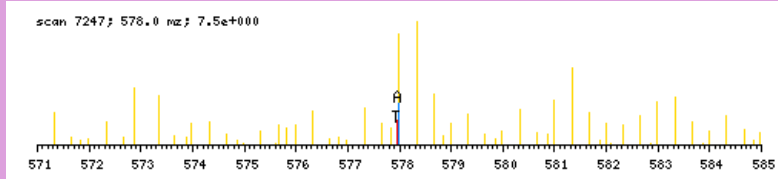
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
192.1024	1	Y 15		
321.1450	2	E 14	1540.7971	770.9025
434.2291	3	L 13	1411.7545	706.3812
531.2818	4	P 12	1298.6705	649.8391
646.3088	5	D 11	1201.6177	601.3128
703.3303	6	G 10	1086.5907	543.7993
831.3888	7	Q 9	1029.5693	515.2886
930.4572	8	V 8	901.5107	451.2593
1043.5413	9	I 7	802.4423	401.7251
1144.5890	10	T 6	689.3582	345.1830
1257.6731	11	I 5	588.3105	294.6592
1314.6945	12	G 4	475.2265	238.1172
1428.7374	13	N 3	418.2050	209.6064
1557.7800	14	E 2	304.1621	152.5850
	15	R 1	175.1195	88.0637

N-term:+29.04

YENMTTVPDGSVIPGGTASPRK, MH+ 2420.2404, m/z 605.8156
 H OS G28 P150811 220811-s1.04444.04444.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

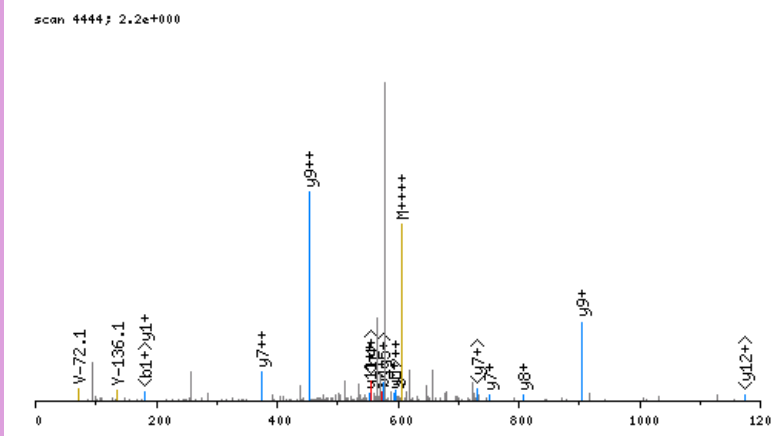
y + 2+ 3+

z + 2+ 3+

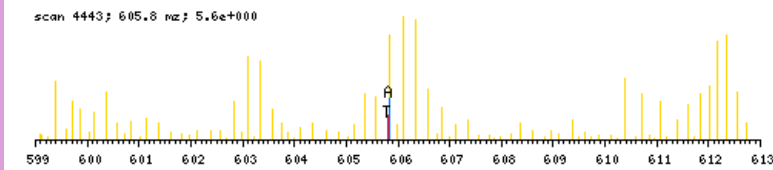
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
198.1342	1	Y 23		
327.1768	2	E 22	2223.1140	1112.0609
441.2197	3	N 21	2094.0714	1047.5396
572.2602	4	M 20	1980.0285	990.5181
673.3079	5	T 19	1848.9880	924.9979
774.3556	6	T 18	1747.9403	874.4741
873.4240	7	V 17	1646.8926	823.9502
970.4768	8	P 16	1547.8242	774.4160
1057.5088	9	S 15	1450.7714	725.8896
1172.5357	10	D 14	1363.7394	682.3736
1229.5572	11	G 13	1248.7125	624.8601
1316.5892	12	S 12	1191.6910	596.3494
1415.6576	13	V 11	1104.6590	552.8334
1516.7053	14	T 10	1005.5906	503.2992
1613.7581	15	P 9	904.5429	452.7754
1670.7796	16	G 8	807.4901	404.2490
1727.8010	17	G 7	750.4686	375.7382
1828.8487	18	T 6	693.4472	347.2275
1899.8858	19	A 5	592.3995	296.7037
1986.9178	20	S 4	521.3624	261.1851
2083.9706	21	P 3	434.3304	217.6691
2240.0717	22	R 2	337.2776	169.1427
	23	K 1	181.1765	91.0922

N-term:+35.07 K(23):+162.16

YERDEGNLLTEKQKLR, MH+ 2208.2837, m/z 552.8264
 H OS G28 P150811 220811-s1.03574.03574.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

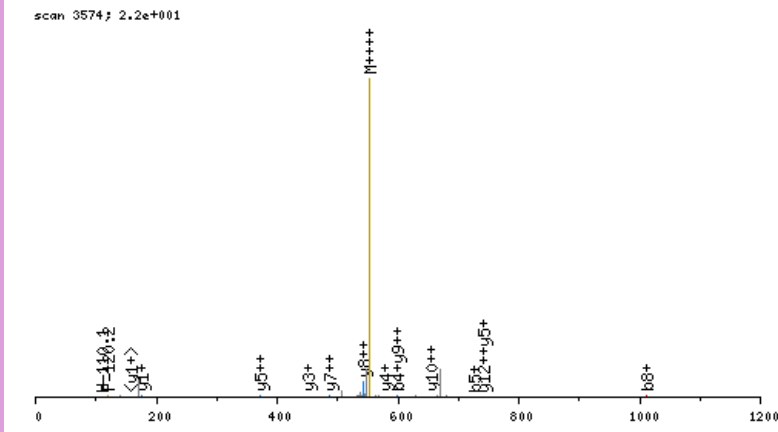
y + 2+ 3+

z + 2+ 3+

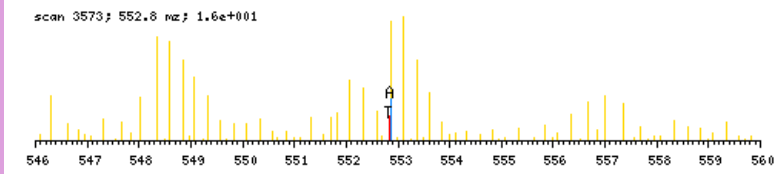
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
198.1342	1	Y	17		
327.1768	2	E	16	2011.1573	1006.0826
483.2779	3	R	15	1882.1147	941.5613
598.3049	4	D	14	1726.0136	863.5107
727.3475	5	E	13	1610.9867	805.9972
784.3689	6	G	12	1481.9441	741.4759
898.4119	7	N	11	1424.9226	712.9652
1012.4548	8	N	10	1310.8797	655.9437
1125.5389	9	L	9	1196.8367	598.9223
1238.6229	10	L	8	1083.7527	542.3803
1339.6706	11	T	7	970.6686	485.8382
1468.7132	12	E	6	869.6209	435.3144
1630.8713	13	K	5	740.5783	370.7931
1758.9299	14	Q	4	578.4202	289.7140
1921.0880	15	K	3	450.3617	225.6847
2034.1720	16	L	2	288.2036	144.6057
	17	R	1	175.1195	88.0637

N-term: +35.07 K(13): +162.16
 K(15): +162.16

YERPVLHLVALNTPVAGDIR, MH+ 2261.2770, m/z 566.0747
 L OS G28 P150811 220811-s1.07906.07906.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

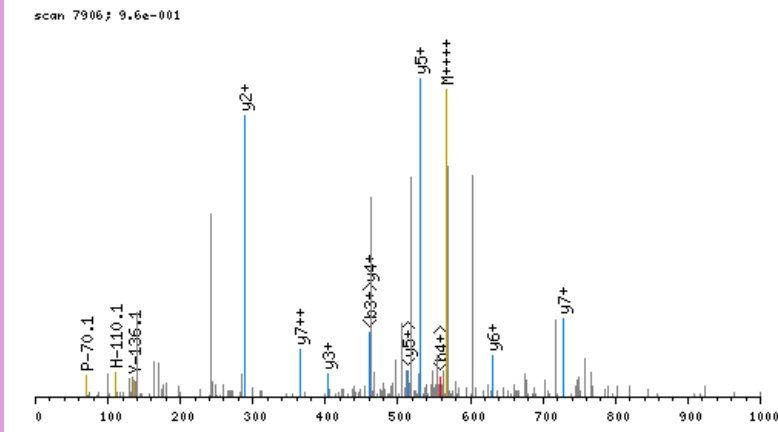
y + 2+ 3+

z + 2+ 3+

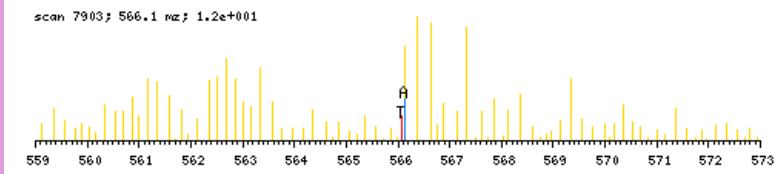
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



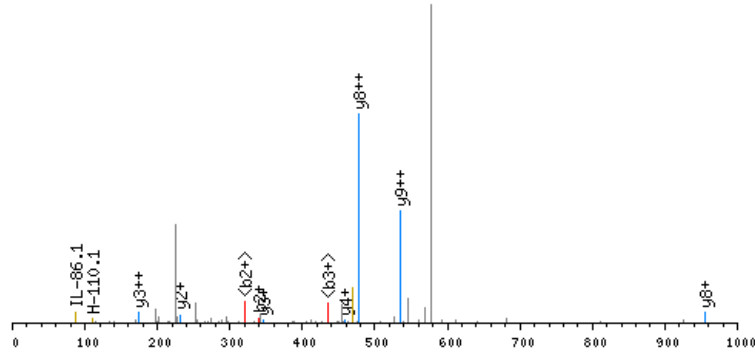
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
192.1024	1	Y	20		
321.1450	2	E	19	2070.1824	1035.5951
477.2461	3	R	18	1941.1398	971.0738
574.2989	4	P	17	1785.0387	893.0233
673.3673	5	V	16	1687.9859	844.4969
786.4514	6	L	15	1588.9175	794.9627
923.5103	7	H	14	1475.8334	738.4206
1036.5944	8	L	13	1338.7745	669.8912
1135.6628	9	V	12	1225.6905	613.3491
1206.6999	10	A	11	1126.6220	563.8149
1319.7839	11	L	10	1055.5849	528.2964
1433.8269	12	N	9	942.5009	471.7543
1534.8745	13	T	8	828.4579	414.7329
1631.9273	14	P	7	727.4103	364.2090
1730.9957	15	V	6	630.3575	315.6827
1802.0328	16	A	5	531.2891	266.1485
1859.0543	17	G	4	460.2520	230.6299
1974.0812	18	D	3	403.2305	202.1192
2087.1653	19	I	2	288.2036	144.6057
	20	R	1	175.1195	88.0637

N-term:+29.04

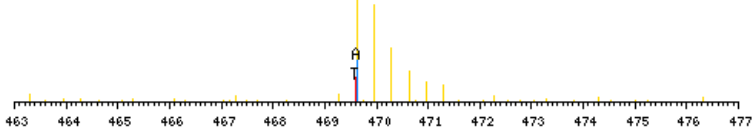
YFIHSLCLLGR, MH+ 1406.7618, m/z 469.5921
 L OS G26 P150811 220811-s1.06702.06702.3.dta

scan 6702; 4.6e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 6700; 469.6 m/z; 5.2e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
192.1024	1	Y	11	
339.1708	2	F	10	1215.6672 608.3375
452.2549	3	I	9	1068.5988 534.8033
589.3138	4	H	8	955.5147 478.2613
676.3458	5	S	7	818.4558 409.7318
789.4299	6	L	6	731.4238 366.2158
949.4605	7	C	5	618.3397 309.6738
1062.5446	8	L	4	458.3091 229.6585
1175.6286	9	L	3	345.2250 173.1164
1232.6501	10	G	2	232.1410 116.5744
	11	R	1	175.1195 88.0637

N-term:+29.04 C(7):+160.03

YGELADCCTKQEPER, MH+ 1923.9216, m/z 641.9787
 H OS G26 P150811 220811-s1.02423.02423.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

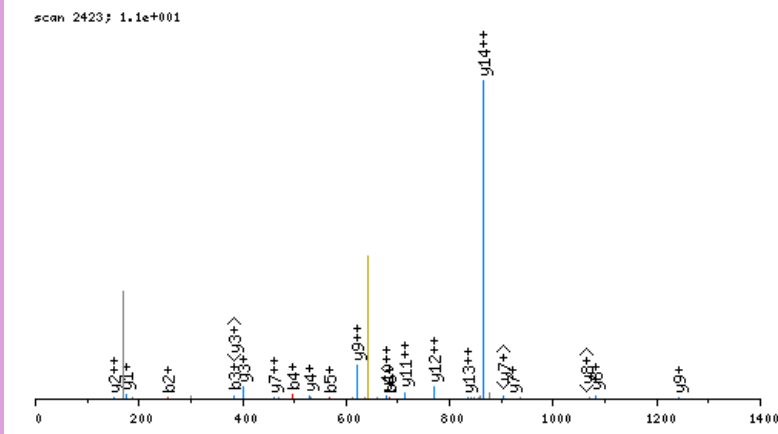
y + 2+ 3+

z + 2+ 3+

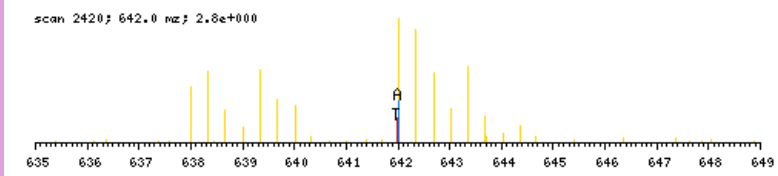
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [precursor±]



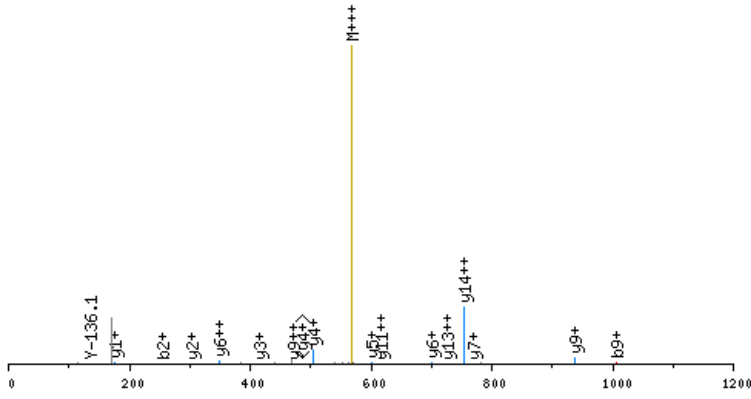
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
198.1342	1	Y	15		
255.1557	2	G	14	1726.7952	863.9015
384.1983	3	E	13	1669.7737	835.3908
497.2823	4	L	12	1540.7311	770.8695
568.3195	5	A	11	1427.6471	714.3274
683.3464	6	D	10	1356.6100	678.8089
843.3770	7	C	9	1241.5830	621.2954
1003.4076	8	C	8	1081.5524	541.2801
1104.4553	9	T	7	921.5218	461.2648
1266.6134	10	K	6	820.4741	410.7410
1394.6720	11	Q	5	658.3160	329.6619
1523.7146	12	E	4	530.2575	265.6326
1620.7673	13	P	3	401.2149	201.1113
1749.8099	14	E	2	304.1621	152.5850
	15	R	1	175.1195	88.0637

N-term:+35.07 C(7):+160.03
 C(8):+160.03 K(10):+162.16

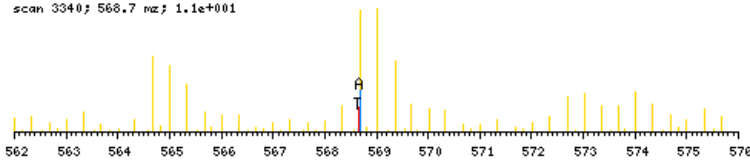
YGGYKEPAAPVSIQR, MH+ 1703.9757, m/z 568.6634
 H OS G26 P150811 220811-s1.03342.03342.3.dta

scan 3342; 3.2e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 3340; 568.7 m/z; 1.1e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
198.1342	1	Y	15		
255.1557	2	G	14	1506.8493	753.9286
312.1772	3	G	13	1449.8278	725.4178
475.2405	4	Y	12	1392.8064	696.9071
637.3986	5	K	11	1229.7430	615.3754
766.4412	6	E	10	1067.5849	534.2964
863.4939	7	P	9	938.5423	469.7751
934.5311	8	A	8	841.4896	421.2487
1005.5682	9	A	7	770.4525	385.7301
1102.6209	10	P	6	699.4153	350.2116
1201.6893	11	V	5	602.3626	301.6852
1288.7214	12	S	4	503.2942	252.1510
1401.8054	13	I	3	416.2621	208.6350
1529.8640	14	Q	2	303.1781	152.0930
	15	R	1	175.1195	88.0637

N-term:+35.07 K(5):+162.16

YGINDPVADKLLKR, MH+ 1685.9955, m/z 422.2543
 L OS G28 P150811 220811-s1.06346.06346.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

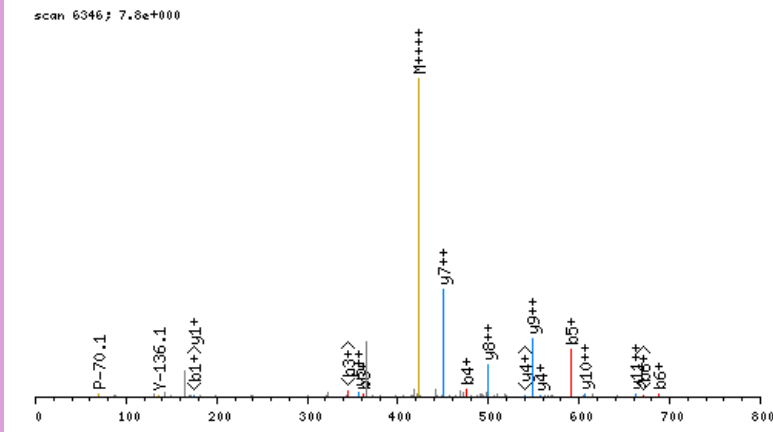
y + 2+ 3+

z + 2+ 3+

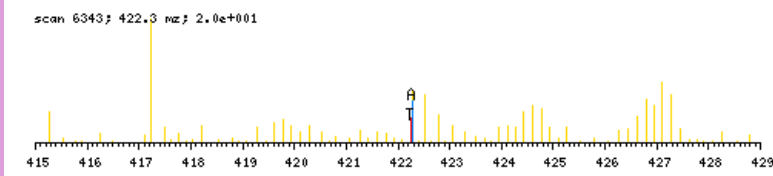
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



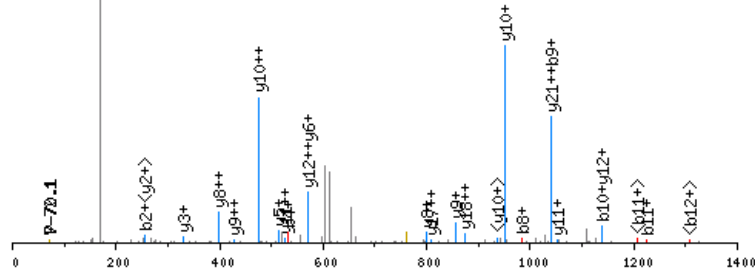
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
192.1024	1	Y	14		
249.1239	2	G	13	1494.9009	747.9543
362.2080	3	I	12	1437.8794	719.4436
476.2509	4	N	11	1324.7953	662.9016
591.2778	5	D	10	1210.7524	605.8801
688.3306	6	P	9	1095.7255	548.3666
787.3990	7	V	8	998.6727	499.8403
858.4361	8	A	7	899.6043	450.3061
973.4631	9	D	6	828.5672	414.7875
1129.5894	10	K	5	713.5402	357.2740
1242.6734	11	L	4	557.4139	279.2109
1355.7575	12	L	3	444.3299	222.6688
1511.8838	13	K	2	331.2458	166.1268
	14	R	1	175.1195	88.0637

N-term:+29.04 K(10):+156.13
 K(13):+156.13

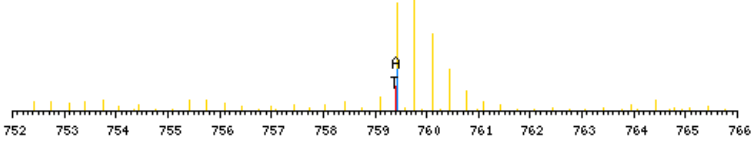
YGYDEKSAGVSVPGMGPSPGR, MH+ 2276.1658, m/z 759.3934
 H OS G26 P150811 220811-s1.04261.04261.3.dta

scan 4261; 4.8e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 4260; 759.4 nz; 2.7e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

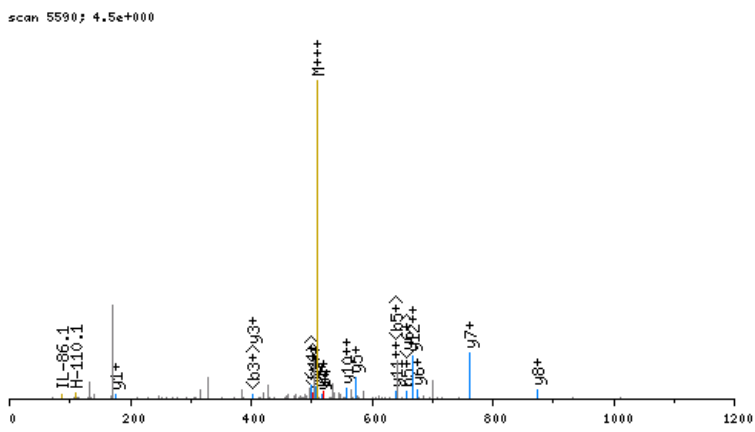
zoom 112-122

GO

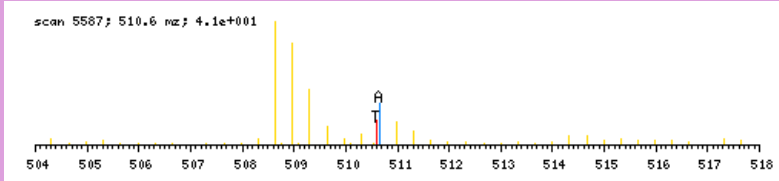
b ⁺	#	AA	#	y ⁺	y ²⁺
198.1342	1	Y	22		
255.1557	2	G	21	2079.0394	1040.0236
418.2190	3	Y	20	2022.0179	1011.5129
533.2460	4	D	19	1858.9546	929.9812
662.2886	5	E	18	1743.9276	872.4677
824.4467	6	K	17	1614.8850	807.9464
911.4787	7	S	16	1452.7269	726.8674
982.5158	8	A	15	1365.6949	683.3514
1039.5373	9	G	14	1294.6578	647.8328
1138.6057	10	V	13	1237.6363	619.3221
1225.6377	11	S	12	1138.5679	569.7879
1324.7061	12	V	11	1051.5359	526.2718
1421.7589	13	P	10	952.4675	476.7376
1478.7803	14	G	9	855.4147	428.2113
1575.8331	15	P	8	798.3932	399.7005
1706.8736	16	M	7	701.3405	351.1741
1763.8951	17	G	6	570.3000	285.6539
1860.9478	18	P	5	513.2785	257.1432
1947.9799	19	S	4	416.2258	208.6168
2005.0013	20	G	3	329.1937	165.1008
2102.0541	21	P	2	272.1723	136.5900
	22	R	1	175.1195	88.0637

N-term:+35.07 K(6):+162.16

YGYTHLSTGDLRL, MH+ 1529.8176, m/z 510.6107
 H OS G27 P150811 220811-s1.05590.05590.3.dta



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
198.1342	1	Y	13		
255.1557	2	G	12	1332.6912	666.8495
418.2190	3	Y	11	1275.6697	638.3388
519.2667	4	T	10	1112.6064	556.8071
656.3256	5	H	9	1011.5587	506.2833
769.4097	6	L	8	874.4998	437.7538
856.4417	7	S	7	761.4157	381.2118
957.4894	8	T	6	674.3837	337.6958
1014.5108	9	G	5	573.3360	287.1719
1129.5378	10	D	4	516.3146	258.6612
1242.6219	11	L	3	401.2876	201.1477
1355.7059	12	L	2	288.2036	144.6057
	13	R	1	175.1195	88.0637

N-term:+35.07

YHAFAGAEQAETAANR, MH+ 1734.8199, m/z 578.9448
 L OS G27 P150811 220811-s1.03185.03185.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

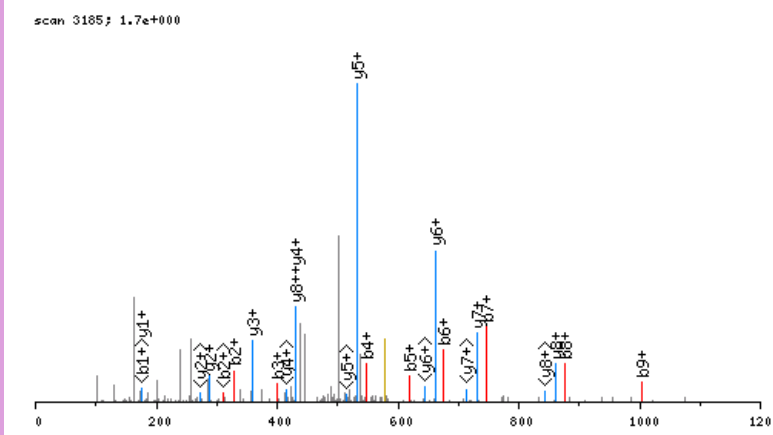
y + 2+ 3+

z + 2+ 3+

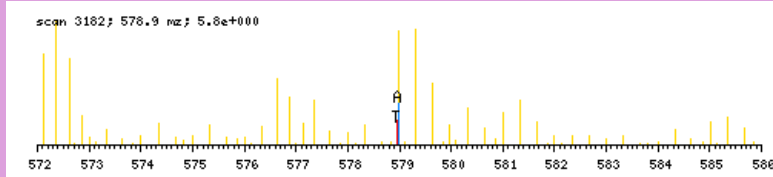
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
192.1024	1	Y	16	
329.1613	2	H	15	1543.7253 772.3666
400.1985	3	A	14	1406.6664 703.8371
547.2669	4	F	13	1335.6293 668.3186
618.3040	5	A	12	1188.5609 594.7844
675.3254	6	G	11	1117.5238 559.2658
746.3626	7	A	10	1060.5023 530.7551
875.4052	8	E	9	989.4652 495.2365
1003.4637	9	Q	8	860.4226 430.7152
1074.5008	10	A	7	732.3640 366.6859
1203.5434	11	E	6	661.3269 331.1674
1304.5911	12	T	5	532.2843 266.6461
1375.6282	13	A	4	431.2367 216.1222
1446.6653	14	A	3	360.1995 180.6037
1560.7083	15	N	2	289.1624 145.0851
	16	R	1	175.1195 88.0637

N-term:+29.04

YITGESKEQVANSADFVER, MH+ 2084.0664, m/z 695.3603
 L OS G26 P150811 220811-s1.03477.03477.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

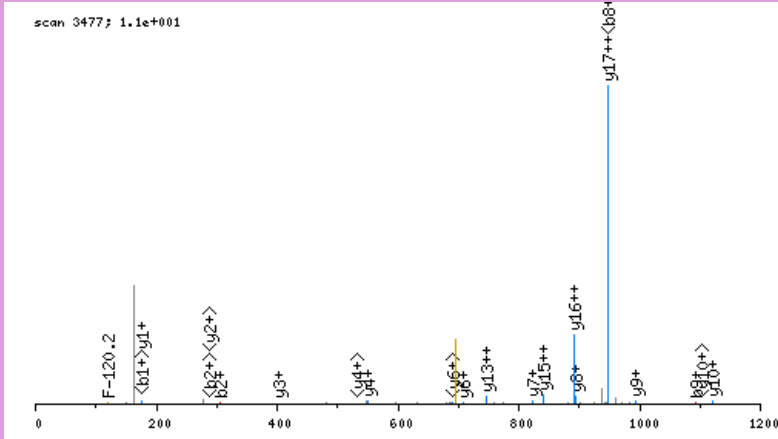
y + 2+ 3+

z + 2+ 3+

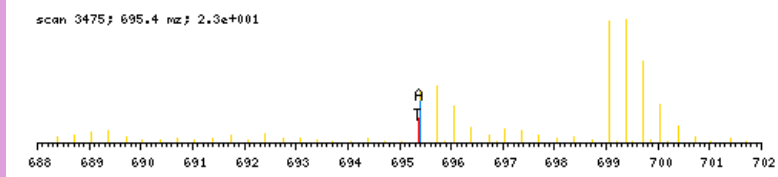
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
192.1024	1	Y 18		
305.1865	2	I 17	1892.9718	946.9898
406.2342	3	T 16	1779.8878	890.4478
463.2556	4	G 15	1678.8401	839.9240
592.2982	5	E 14	1621.8186	811.4132
679.3303	6	S 13	1492.7760	746.8919
835.4566	7	K 12	1405.7440	703.3759
964.4991	8	E 11	1249.6177	625.3128
1092.5577	9	Q 10	1120.5751	560.7915
1191.6261	10	V 9	992.5165	496.7622
1262.6633	11	A 8	893.4481	447.2280
1376.7062	12	N 7	822.4110	411.7094
1463.7382	13	S 6	708.3681	354.6879
1534.7753	14	A 5	621.3360	311.1719
1681.8437	15	F 4	550.2989	275.6534
1780.9122	16	V 3	403.2305	202.1192
1909.9547	17	E 2	304.1621	152.5850
	18	R 1	175.1195	88.0637

N-term:+29.04 K(7):+156.13

YKTDLEKDIISDTSGDFR, MH+ 2187.1186, m/z 547.5351
 L OS G28 P150811 220811-s1.07499.07499.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

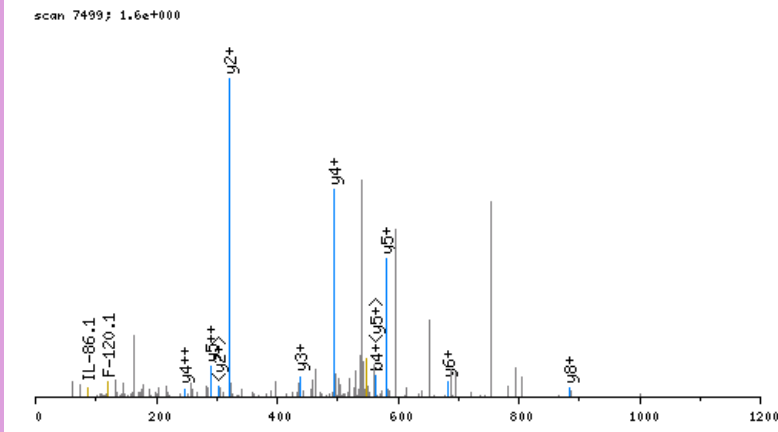
y + 2+ 3+

z + 2+ 3+

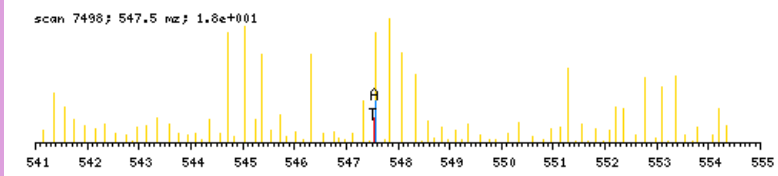
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
192.1024	1	Y 18		
348.2287	2	K 17	1996.0239	998.5159
449.2764	3	T 16	1839.8976	920.4527
564.3034	4	D 15	1738.8500	869.9289
677.3874	5	L 14	1623.8230	812.4154
806.4300	6	E 13	1510.7390	755.8734
962.5563	7	K 12	1381.6964	691.3521
1077.5833	8	D 11	1225.5701	613.2889
1190.6673	9	I 10	1110.5431	555.7755
1303.7514	10	I 9	997.4591	499.2334
1390.7834	11	S 8	884.3750	442.6914
1505.8103	12	D 7	797.3430	399.1754
1606.8580	13	T 6	682.3160	341.6619
1693.8901	14	S 5	581.2683	291.1381
1750.9115	15	G 4	494.2363	247.6221
1865.9385	16	D 3	437.2149	219.1113
2013.0069	17	F 2	322.1879	161.5979
	18	R 1	175.1195	88.0637

N-term:+29.04 K(2):+156.13
 K(7):+156.13

YLDNNKISNIPDEYFKR, MH+ 2231.2561, m/z 558.5695
 H OS G28 P150811 220811-s1.07224.07224.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

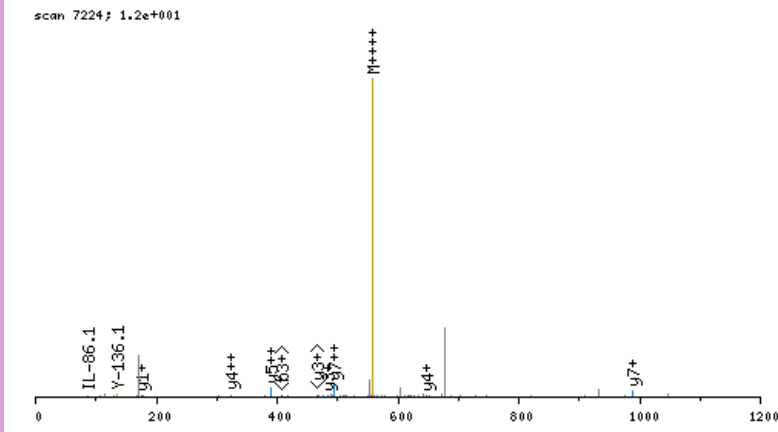
y + 2+ 3+

z + 2+ 3+

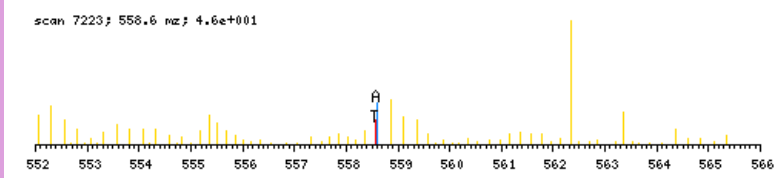
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
198.1342	1	Y	17	
311.2183	2	L	16	2034.1297
426.2452	3	D	15	1921.0456
540.2882	4	N	14	1806.0187
654.3311	5	N	13	1691.9758
816.4892	6	K	12	1577.9328
929.5733	7	I	11	1415.7747
1016.6053	8	S	10	1302.6907
1130.6482	9	N	9	1215.6586
1243.7323	10	I	8	1101.6157
1340.7850	11	P	7	988.5316
1455.8120	12	D	6	891.4789
1584.8546	13	E	5	776.4519
1747.9179	14	Y	4	647.4093
1894.9863	15	F	3	484.3460
2057.1444	16	K	2	337.2776
	17	R	1	175.1195

N-term: +35.07 K(6) : +162.16
 K(16) : +162.16

YMEKNQLEEVPSALPR, MH+ 1972.0850, m/z 658.0332
 H OS G26 P150811 220811-s1.04552.04552.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

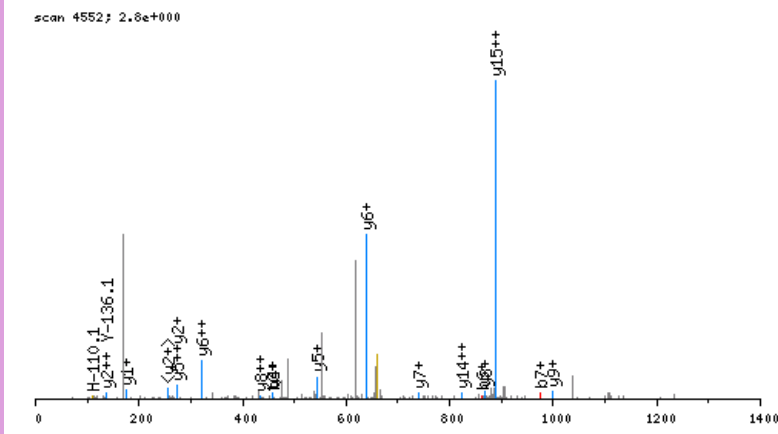
y + 2+ 3+

z + 2+ 3+

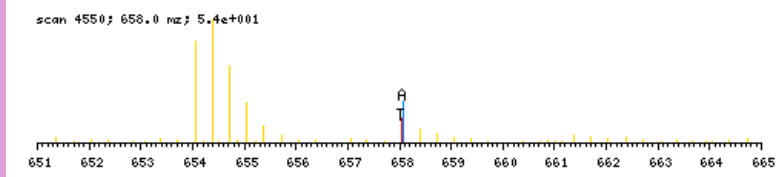
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
198.1342	1	Y	16		
329.1747	2	M	15	1774.9586	887.9832
458.2173	3	E	14	1643.9181	822.4630
620.3754	4	K	13	1514.8755	757.9417
734.4183	5	N	12	1352.7174	676.8626
862.4769	6	Q	11	1238.6745	619.8412
975.5610	7	L	10	1110.6159	555.8119
1104.6036	8	E	9	997.5318	499.2698
1233.6462	9	E	8	868.4892	434.7485
1332.7146	10	V	7	739.4466	370.2272
1429.7673	11	P	6	640.3782	320.6930
1516.7994	12	S	5	543.3255	272.1666
1587.8365	13	A	4	456.2934	228.6506
1700.9205	14	L	3	385.2563	193.1321
1797.9733	15	P	2	272.1723	136.5900
	16	R	1	175.1195	88.0637

N-term:+35.07 K(4):+162.16

YNATEPVISFYDKR, MH+ 1770.9703, m/z 590.9949
 H OS G26 P150811 220811-s1.04928.04928.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

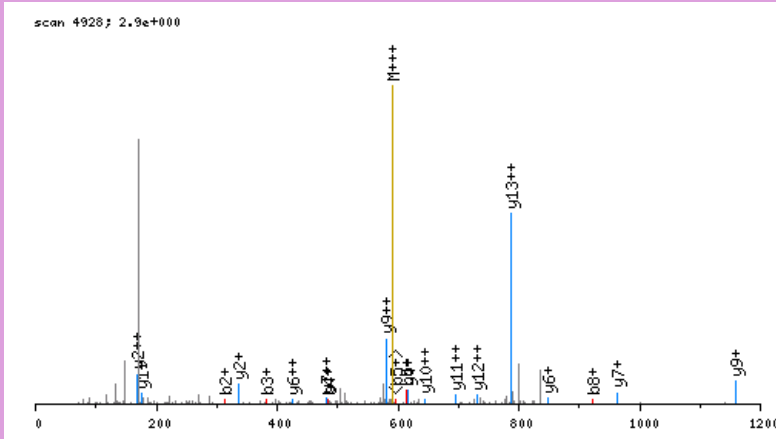
y + 2+ 3+

z + 2+ 3+

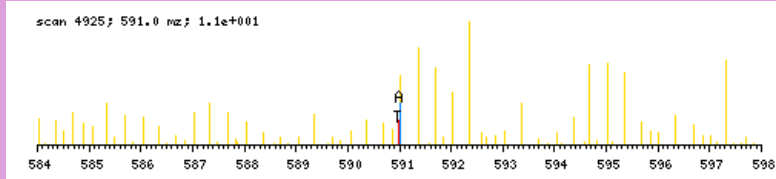
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
198.1342	1	Y 14		
312.1772	2	N 13	1573.8439	787.4258
383.2143	3	A 12	1459.8009	730.4044
484.2619	4	T 11	1388.7638	694.8858
613.3045	5	E 10	1287.7161	644.3620
710.3573	6	P 9	1158.6736	579.8407
809.4257	7	V 8	1061.6208	531.3143
922.5098	8	I 7	962.5524	481.7801
1009.5418	9	S 6	849.4683	425.2381
1156.6102	10	F 5	762.4363	381.7221
1319.6736	11	Y 4	615.3679	308.1878
1434.7005	12	D 3	452.3045	226.6562
1596.8586	13	K 2	337.2776	169.1427
	14	R 1	175.1195	88.0637

N-term:+35.07 K(13):+162.16

YNLGAQVTEGKQDLR, MH+ 1992.0038, m/z 664.6728
 L OS G26 P150811 220811-s1.03747.03747.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

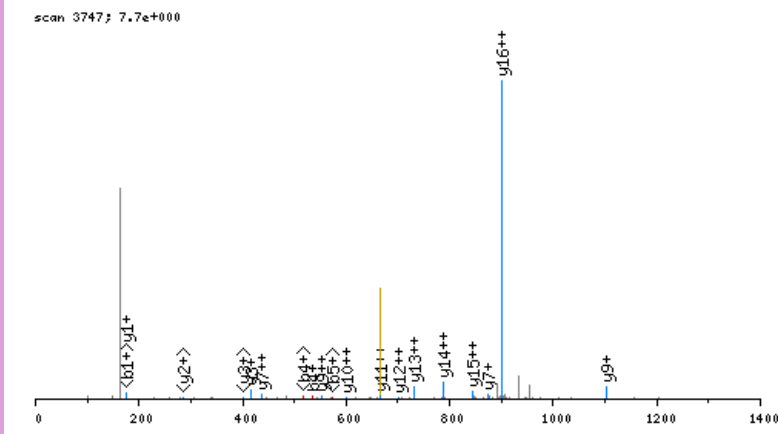
y + 2+ 3+

z + 2+ 3+

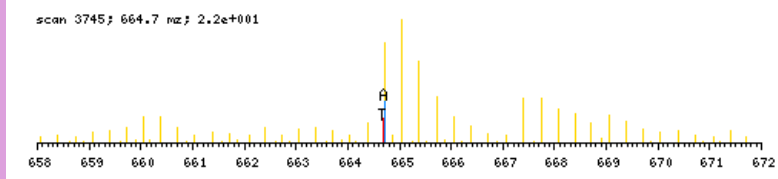
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



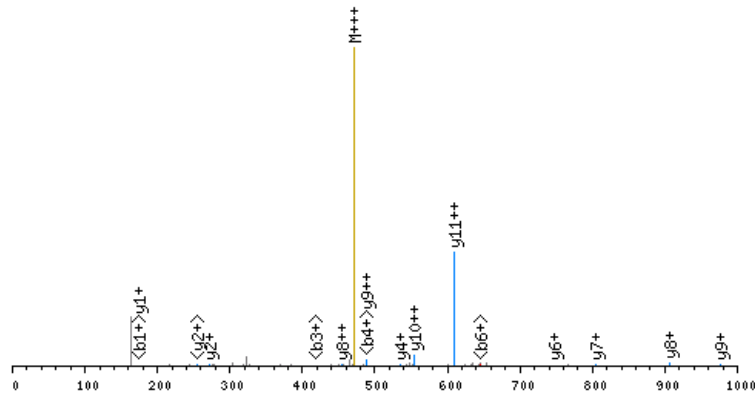
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
192.1024	1	Y	17		
306.1454	2	N	16	1800.9092	900.9585
421.1723	3	D	15	1686.8663	843.9371
534.2564	4	L	14	1571.8393	786.4236
591.2778	5	G	13	1458.7553	729.8816
662.3149	6	A	12	1401.7338	701.3708
790.3735	7	Q	11	1330.6967	665.8523
889.4419	8	V	10	1202.6381	601.8230
990.4896	9	T	9	1103.5697	552.2888
1119.5322	10	E	8	1002.5220	501.7649
1176.5537	11	G	7	873.4794	437.2436
1332.6800	12	K	6	816.4580	408.7329
1460.7385	13	Q	5	660.3317	330.6698
1575.7655	14	D	4	532.2731	266.6405
1688.8496	15	L	3	417.2462	209.1270
1817.8921	16	E	2	304.1621	152.5850
	17	R	1	175.1195	88.0637

N-term:+29.04 K(12):+156.13

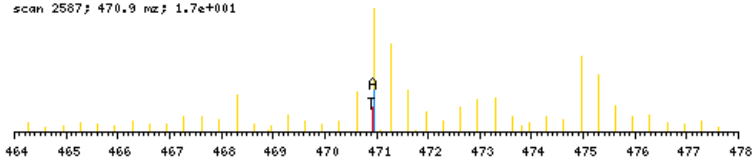
YNEATGGKYVPR, MH+ 1410.7382, m/z 470.9176
 L OS G27 P150811 220811-s1.02588.02588.3.dta

scan 2588; 1.3e+001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 2587; 470.9 m/z; 1.7e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
192.1024	1	Y 12		
306.1454	2	N 11	1219.6435	610.3257
435.1879	3	E 10	1105.6006	553.3042
506.2251	4	A 9	976.5580	488.7829
607.2727	5	T 8	905.5209	453.2644
664.2942	6	G 7	804.4732	402.7405
721.3157	7	G 6	747.4518	374.2298
877.4420	8	K 5	690.4303	345.7191
1040.5053	9	Y 4	534.3040	267.6559
1139.5737	10	V 3	371.2407	186.1243
1236.6265	11	P 2	272.1723	136.5900
	12	R 1	175.1195	88.0637

N-term:+29.04 K(8):+156.13

YNLDPQEGGECALMR, MH+ 1780.7998, m/z 594.2714
 L OS G25 P150811 220811-s1.05959.05959.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

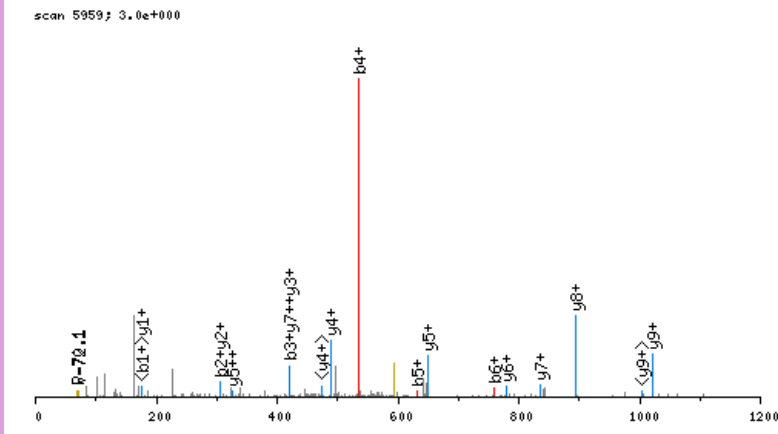
y + 2+ 3+

z + 2+ 3+

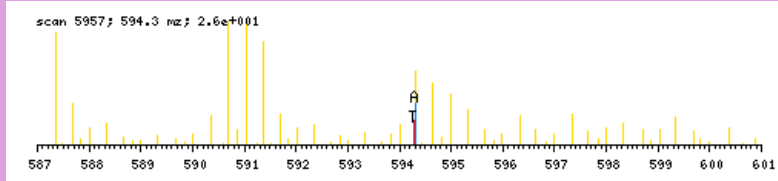
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
192.1024	1	Y 15		
306.1454	2	N 14	1589.7052	795.3565
419.2294	3	L 13	1475.6622	738.3350
534.2564	4	D 12	1362.5782	681.7930
631.3091	5	P 11	1247.5512	624.2795
759.3677	6	Q 10	1150.4985	575.7531
888.4103	7	E 9	1022.4399	511.7239
945.4318	8	G 8	893.3973	447.2026
1002.4532	9	G 7	836.3758	418.6918
1131.4958	10	E 6	779.3544	390.1811
1291.5264	11	C 5	650.3118	325.6598
1362.5635	12	A 4	490.2812	245.6445
1475.6476	13	L 3	419.2440	210.1259
1606.6881	14	M 2	306.1600	153.5839
	15	R 1	175.1195	88.0637

N-term:+29.04 C(11):+160.03

YQACSGPILPHR, MH+ 1426.7265, m/z 476.2470
 L OS G27 P150811 220811-s1.03379.03379.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

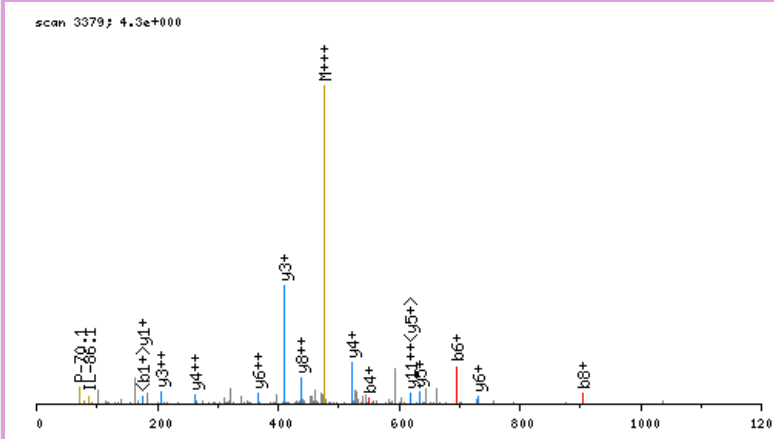
y + 2+ 3+

z + 2+ 3+

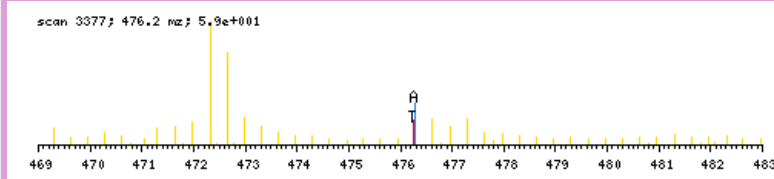
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
192.1024	1	Y 12		
320.1610	2	Q 11	1235.6319	618.3198
391.1981	3	A 10	1107.5733	554.2905
551.2287	4	C 9	1036.5362	518.7720
638.2607	5	S 8	876.5056	438.7567
695.2822	6	G 7	789.4735	395.2407
792.3350	7	P 6	732.4521	366.7299
905.4190	8	I 5	635.3993	318.2036
1018.5031	9	L 4	522.3152	261.6615
1115.5559	10	P 3	409.2312	205.1195
1252.6148	11	H 2	312.1784	156.5931
	12	R 1	175.1195	88.0637

N-term:+29.04 C(4):+160.03

YQLETDKFEEFGKLR, MH+ 2167.3076, m/z 542.5824
 H OS G28 P150811 220811-s1.06309.06309.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

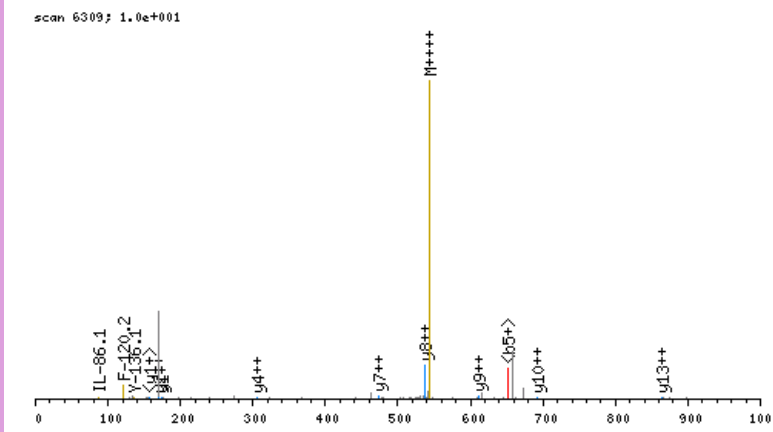
y + 2+ 3+

z + 2+ 3+

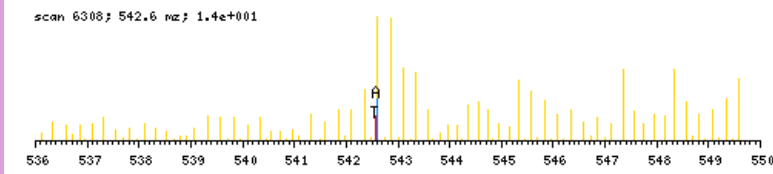
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

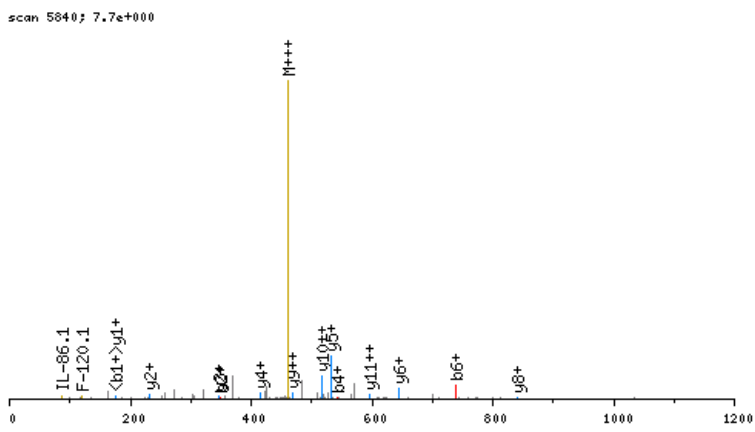


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

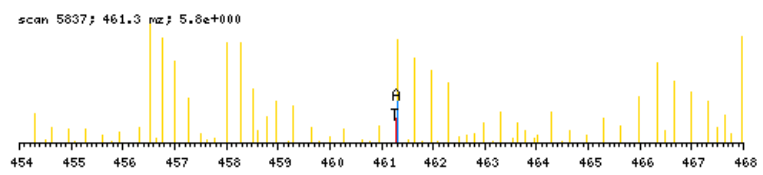
b ⁺	#	AA	#	y ⁺	y ²⁺
198.1342	1	Y	16		
326.1928	2	Q	15	1970.1812	985.5945
439.2769	3	L	14	1842.1226	921.5652
568.3195	4	E	13	1729.0386	865.0232
669.3671	5	T	12	1599.9960	800.5019
784.3941	6	D	11	1498.9483	749.9781
946.5522	7	K	10	1383.9213	692.4646
1093.6206	8	F	9	1221.7632	611.3855
1222.6632	9	E	8	1074.6948	537.8513
1369.7316	10	F	7	945.6522	473.3300
1426.7531	11	G	6	798.5838	399.7958
1555.7957	12	E	5	741.5624	371.2851
1717.9538	13	K	4	612.5198	306.7638
1831.0378	14	L	3	450.3617	225.6847
1993.1959	15	K	2	337.2776	169.1427
	16	R	1	175.1195	88.0637

N-term:+35.07 K(7):+162.16
 K(13):+162.16 K(15):+162.16

YRPPVLDALGR, MH+ 1381.7956, m/z 461.2700
 L OS G27 P150811 220811-s1.05840.05840.3.dta



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range: -

MassTol: Y-zoom:

MassType: AVG MONO

Axis: 1 2

Label: I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

b ⁺	#	AA #	y ⁺	y ²⁺
192.1024	1	Y	12	
348.2035	2	R	11	1190.7010
445.2563	3	P	10	1034.5999
542.3091	4	P	9	937.5471
639.3618	5	P	8	840.4943
738.4302	6	V	7	743.4416
851.5143	7	L	6	644.3731
966.5413	8	D	5	531.2891
1037.5784	9	A	4	416.2621
1150.6624	10	L	3	345.2250
1207.6839	11	G	2	232.1410
	12	R	1	175.1195

N-term:+29.04

YSDKGVSSGPGMGLMGPR, MH+ 1948.9625, m/z 650.3257
 L OS G27 P150811 220811-s1.05355.05355.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

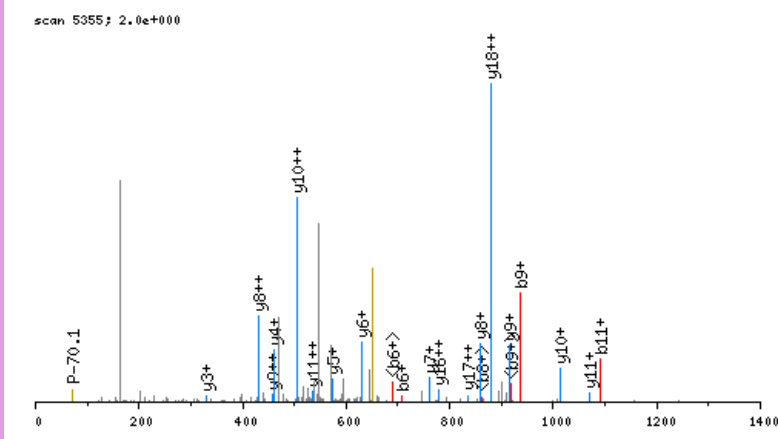
y + 2+ 3+

z + 2+ 3+

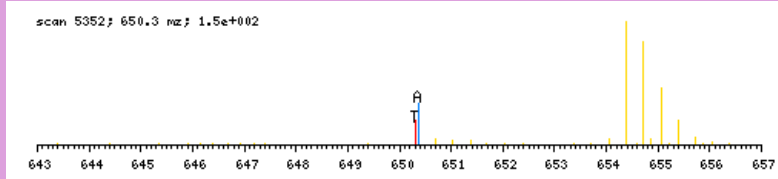
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
192.1024	1	Y	19	
279.1345	2	S	18	1757.8679
394.1614	3	D	17	1670.8359
550.2877	4	K	16	1555.8089
607.3092	5	G	15	1399.6826
706.3776	6	V	14	1342.6612
793.4096	7	S	13	1243.5927
880.4416	8	S	12	1156.5607
937.4631	9	G	11	1069.5287
1034.5159	10	P	10	1012.5072
1091.5373	11	G	9	915.4545
1188.5901	12	P	8	858.4330
1319.6306	13	M	7	761.3802
1376.6520	14	G	6	630.3397
1489.7361	15	L	5	573.3183
1620.7766	16	M	4	460.2342
1677.7981	17	G	3	329.1937
1774.8508	18	P	2	272.1723
	19	R	1	175.1195

N-term:+29.04 K(4):+156.13

YSEEPGEEEEPAWVQTER, MH+ 2063.9198, m/z 688.6448
 L OS G25 P150811 220811-s1.05280.05280.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

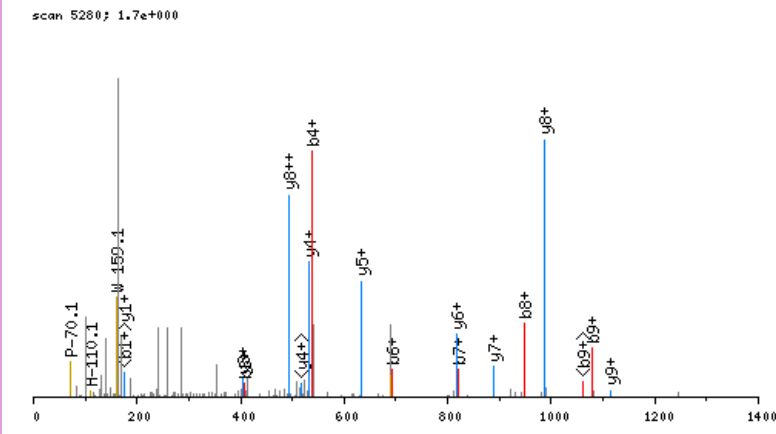
y + 2+ 3+

z + 2+ 3+

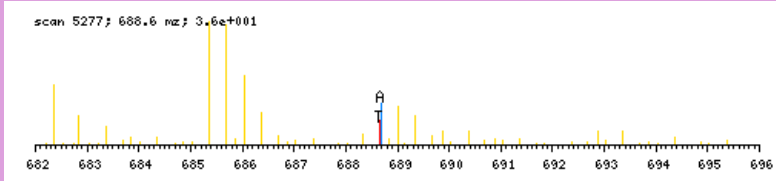
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



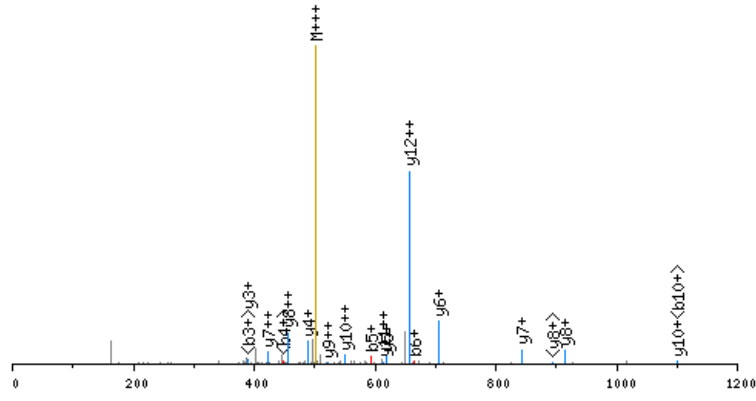
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
192.1024	1	Y 17		
279.1345	2	S 16	1872.8252	936.9165
408.1771	3	E 15	1785.7931	893.4005
537.2196	4	E 14	1656.7506	828.8792
634.2724	5	P 13	1527.7080	764.3579
691.2939	6	G 12	1430.6552	715.8315
820.3365	7	E 11	1373.6337	687.3208
949.3791	8	E 10	1244.5911	622.7995
1078.4217	9	E 9	1115.5485	558.2782
1175.4744	10	P 8	986.5060	493.7569
1246.5115	11	A 7	889.4532	445.2305
1432.5908	12	W 6	818.4161	409.7120
1531.6593	13	V 5	632.3368	316.6723
1659.7178	14	Q 4	533.2683	267.1381
1760.7655	15	T 3	405.2098	203.1088
1889.8081	16	E 2	304.1621	152.5850
	17	R 1	175.1195	88.0637

N-term:+29.04

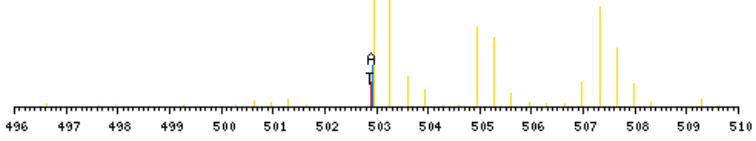
YSEGEAHSEVSQR, MH+ 1506.6824, m/z 502.8990
 L OS G27 P150811 220811-s1.01972.01972.3.dta

scan 1972; 5.6e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 1971; 502.9 m/z; 3.3e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

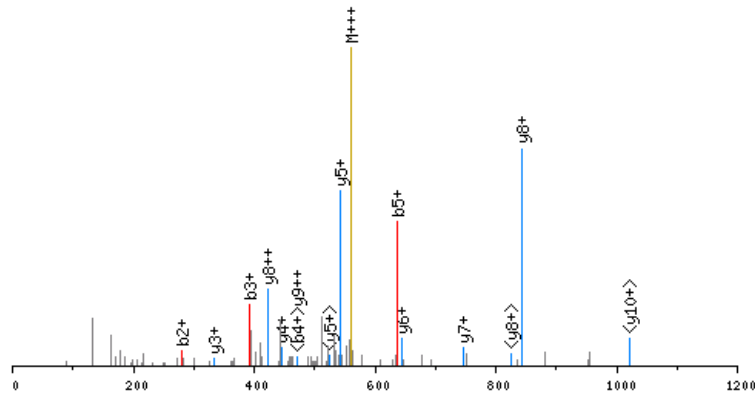
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
192.1024	1	Y	13		
279.1345	2	S	12	1315.5878	658.2978
408.1771	3	E	11	1228.5558	614.7818
465.1985	4	G	10	1099.5132	550.2605
594.2411	5	E	9	1042.4918	521.7498
665.2782	6	A	8	913.4492	457.2285
802.3371	7	H	7	842.4121	421.7099
889.3692	8	S	6	705.3531	353.1805
1018.4118	9	E	5	618.3211	309.6645
1117.4802	10	V	4	489.2785	245.1432
1204.5122	11	S	3	390.2101	195.6090
1332.5708	12	Q	2	303.1781	152.0930
	13	R	1	175.1195	88.0637

N-term:+29.04

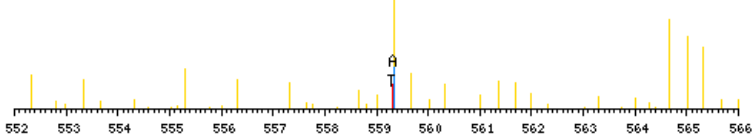
YSIPFPPTPTPLTGR, MH+ 1675.9059, m/z 559.3068
 L OS G24 P150811 220811-s1.04724.04724.3.dta

scan 4724; 5.5e-001



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4722; 559.3 m/z; 1.0e+000



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
192.1024	1	Y	15		
279.1345	2	S	14	1484.8113	742.9096
392.2185	3	I	13	1397.7793	699.3936
489.2713	4	P	12	1284.6952	642.8515
636.3397	5	F	11	1187.6424	594.3251
733.3925	6	P	10	1040.5740	520.7909
834.4401	7	T	9	943.5213	472.2645
931.4929	8	P	8	842.4736	421.7407
1032.5406	9	T	7	745.4208	373.2143
1133.5883	10	T	6	644.3731	322.6905
1230.6410	11	P	5	543.3255	272.1666
1343.7251	12	L	4	446.2727	223.6403
1444.7728	13	T	3	333.1886	167.0982
1501.7942	14	G	2	232.1410	116.5744
	15	R	1	175.1195	88.0637

N-term:+29.04

YLLPASLLDHR, MH+ 1412.7901, m/z 471.6016
 L OS G27 P150811 220811-s1.06955.06955.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

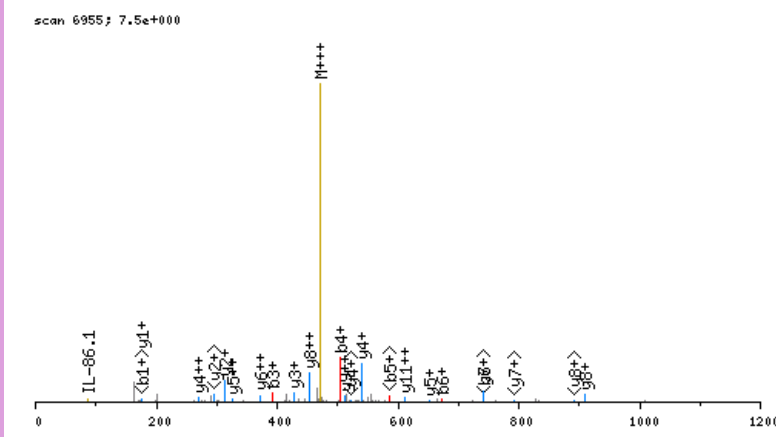
y + 2+ 3+

z + 2+ 3+

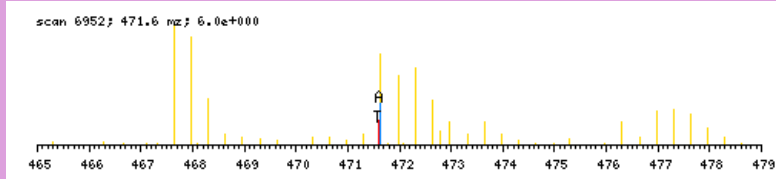
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



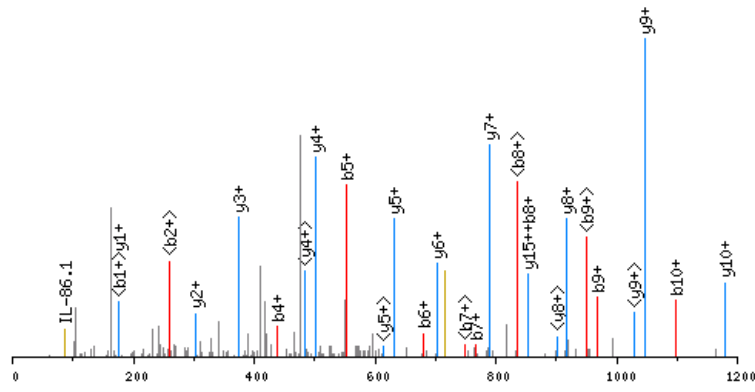
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
192.1024	1	Y 12		
279.1345	2	S 11	1221.6955	611.3517
392.2185	3	L 10	1134.6635	567.8357
505.3026	4	L 9	1021.5795	511.2936
602.3553	5	P 8	908.4954	454.7516
673.3925	6	A 7	811.4426	406.2252
760.4245	7	S 6	740.4055	370.7067
873.5086	8	L 5	653.3735	327.1907
986.5926	9	L 4	540.2894	270.6486
1101.6196	10	D 3	427.2054	214.1066
1238.6785	11	H 2	312.1784	156.5931
	12	R 1	175.1195	88.0637

N-term:+29.04

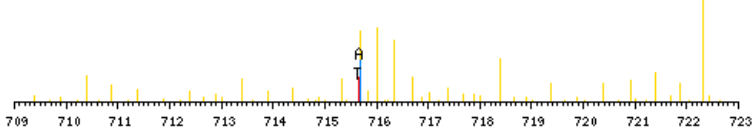
YSSADQSSLMEESAEEQAQR, MH+ 2144.9406, m/z 715.6517
 L OS G25 P150811 220811-s1.04715.04715.3.dta

scan 4715; 1.1e+000



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)

scan 4712; 715.7 m/z; 2.0e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
192.1024	1	Y	19	
279.1345	2	S	18	1953.8460 977.4269
366.1665	3	S	17	1866.8140 933.9109
437.2036	4	A	16	1779.7819 890.3949
552.2305	5	D	15	1708.7448 854.8763
680.2891	6	Q	14	1593.7179 797.3628
767.3211	7	S	13	1465.6593 733.3336
854.3532	8	S	12	1378.6273 689.8175
967.4372	9	L	11	1291.5952 646.3015
1098.4777	10	M	10	1178.5112 589.7595
1227.5203	11	E	9	1047.4707 524.2393
1356.5629	12	E	8	918.4281 459.7180
1443.5949	13	S	7	789.3855 395.1967
1514.6321	14	A	6	702.3535 351.6807
1643.6746	15	E	5	631.3164 316.1621
1771.7332	16	Q	4	502.2738 251.6408
1842.7703	17	A	3	374.2152 187.6115
1970.8289	18	Q	2	303.1781 152.0930
	19	R	1	175.1195 88.0637

N-term:+29.04

YSSSDVIELTPSNFNR, MH+ 1977.9618, m/z 659.9921
 H OS G25 P150811 220811-s1.06925.06925.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

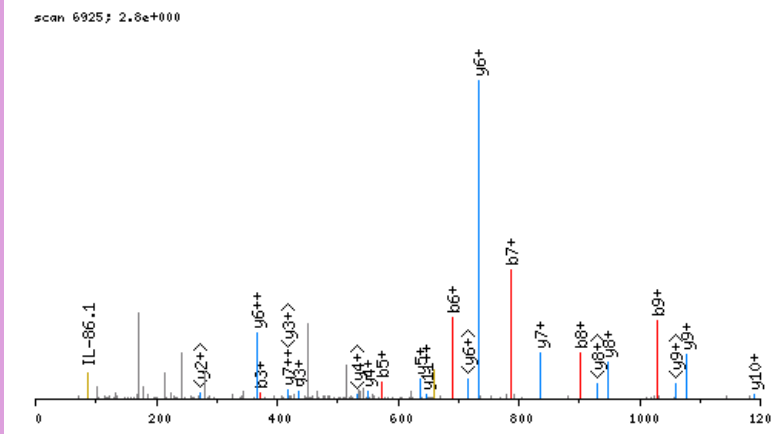
y + 2+ 3+

z + 2+ 3+

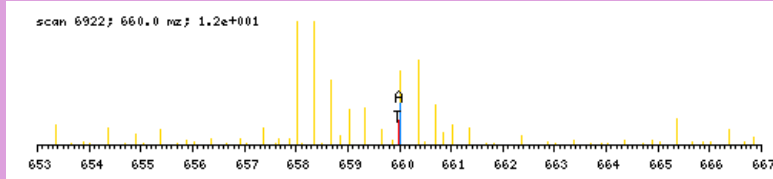
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
198.1342	1	Y 17		
285.1663	2	S 16	1780.8353	890.9216
372.1983	3	S 15	1693.8033	847.4056
459.2303	4	S 14	1606.7713	803.8896
574.2573	5	D 13	1519.7393	760.3735
689.2842	6	D 12	1404.7123	702.8601
788.3526	7	V 11	1289.6854	645.3466
901.4367	8	I 10	1190.6170	595.8124
1030.4793	9	E 9	1077.5329	539.2704
1143.5633	10	L 8	948.4903	474.7491
1244.6110	11	T 7	835.4062	418.2070
1341.6638	12	P 6	734.3586	367.6832
1428.6958	13	S 5	637.3058	319.1568
1542.7387	14	N 4	550.2738	275.6408
1689.8071	15	F 3	436.2308	218.6193
1803.8501	16	N 2	289.1624	145.0851
	17	R 1	175.1195	88.0637

N-term:+35.07

YSVPEGQSKYVEEPR, MH+ 1823.9180, m/z 608.6442
 L OS G26 P150811 220811-s1.03014.03014.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

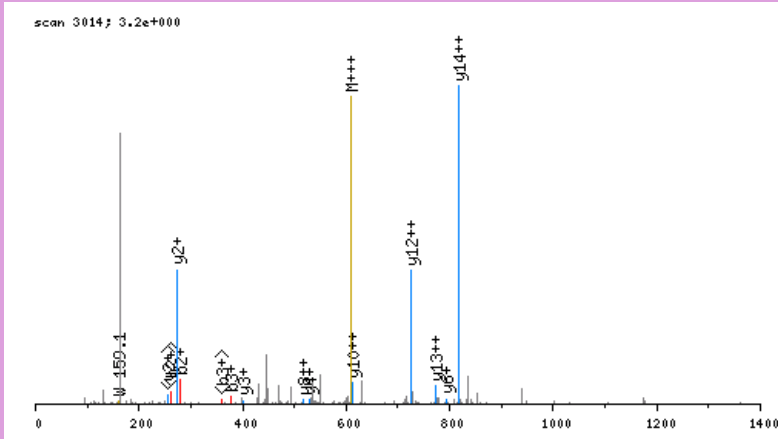
y + 2+ 3+

z + 2+ 3+

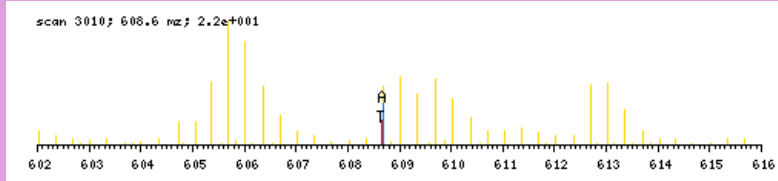
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
192.1024	1	Y	15		
279.1345	2	S	14	1632.8234	816.9156
378.2029	3	V	13	1545.7913	773.3996
475.2556	4	P	12	1446.7229	723.8654
604.2982	5	E	11	1349.6702	675.3390
661.3197	6	G	10	1220.6276	610.8177
789.3783	7	Q	9	1163.6061	582.3070
876.4103	8	S	8	1035.5475	518.2777
1032.5366	9	K	7	948.5155	474.7617
1195.5999	10	Y	6	792.3892	396.6985
1294.6683	11	V	5	629.3259	315.1668
1423.7109	12	E	4	530.2575	265.6326
1552.7535	13	E	3	401.2149	201.1113
1649.8063	14	P	2	272.1723	136.5900
	15	R	1	175.1195	88.0637

N-term:+29.04 K(9):+156.13

YTCTASNEAGSSSSAAVAVR, MH+ 2109.9934, m/z 528.2538
 H OS G28 P150811 220811-s1.06756.06756.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

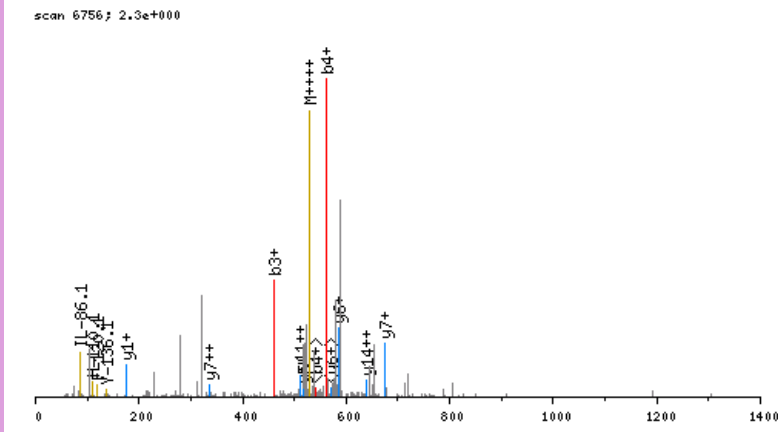
y + 2+ 3+

z + 2+ 3+

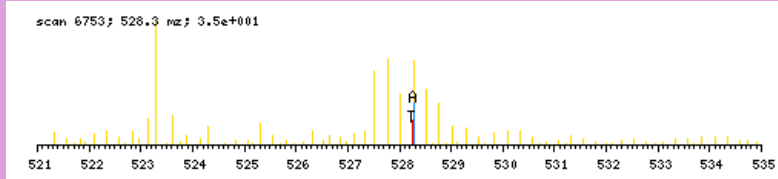
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
198.1342	1	Y 21		
299.1819	2	T 20	1912.8670	956.9374
459.2125	3	C 19	1811.8193	906.4136
560.2602	4	T 18	1651.7887	826.3983
631.2973	5	A 17	1550.7411	775.8744
718.3293	6	S 16	1479.7039	740.3559
832.3723	7	N 15	1392.6719	696.8399
961.4148	8	E 14	1278.6290	639.8184
1032.4520	9	A 13	1149.5864	575.2971
1089.4734	10	G 12	1078.5493	539.7786
1176.5055	11	S 11	1021.5278	511.2678
1263.5375	12	S 10	934.4958	467.7518
1350.5695	13	S 9	847.4638	424.2358
1437.6015	14	S 8	760.4317	380.7198
1524.6336	15	S 7	673.3997	337.2038
1595.6707	16	A 6	586.3677	293.6877
1666.7078	17	A 5	515.3306	258.1692
1765.7762	18	V 4	444.2934	222.6506
1836.8133	19	A 3	345.2250	173.1164
1935.8817	20	V 2	274.1879	137.5979
	21	R 1	175.1195	88.0637

N-term:+35.07 C(3):+160.03

YTPEPNGMASEEVTEKER, MH+ 2122.9967, m/z 708.3371
 L OS G26 P150811 220811-s1.03072.03072.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

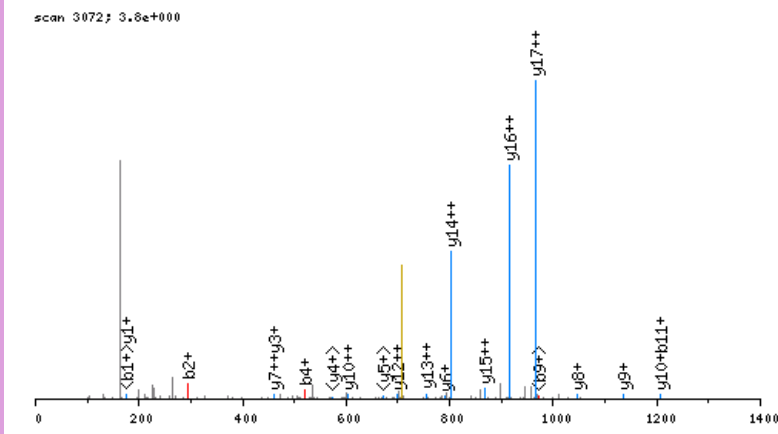
y + 2+ 3+

z + 2+ 3+

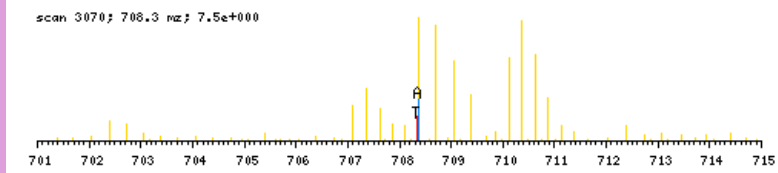
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
192.1024	1	Y 18		
293.1501	2	T 17	1931.9021	966.4550
390.2029	3	P 16	1830.8544	915.9311
519.2455	4	E 15	1733.8016	867.4047
616.2982	5	P 14	1604.7590	802.8834
730.3412	6	N 13	1507.7063	754.3571
787.3626	7	G 12	1393.6634	697.3356
918.4031	8	M 11	1336.6419	668.8249
989.4402	9	A 10	1205.6014	603.3046
1076.4722	10	S 9	1134.5643	567.7861
1205.5148	11	E 8	1047.5323	524.2700
1334.5574	12	E 7	918.4897	459.7487
1433.6258	13	V 6	789.4471	395.2275
1534.6735	14	T 5	690.3787	345.6932
1663.7161	15	E 4	589.3310	295.1694
1819.8424	16	K 3	460.2884	230.6481
1948.8850	17	E 2	304.1621	152.5850
	18	R 1	175.1195	88.0637

N-term:+29.04 K(16):+156.13

YTQKAPQVSTPTLVEEAR, MH+ 2016.1130, m/z 672.7092
 L OS G26 P150811 220811-s1.03748.03748.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

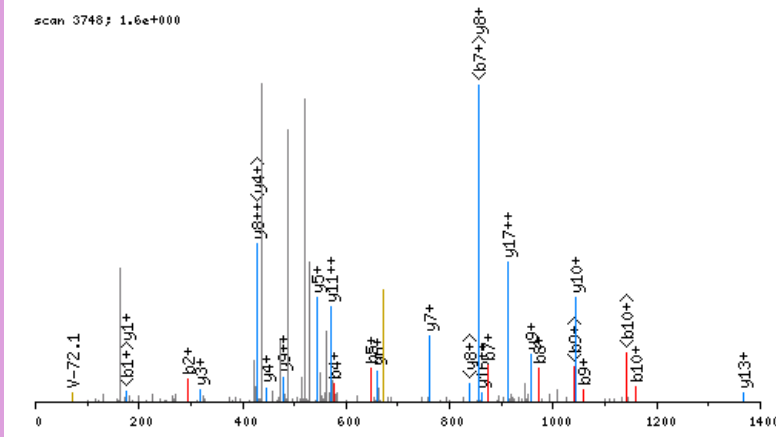
y + 2+ 3+

z + 2+ 3+

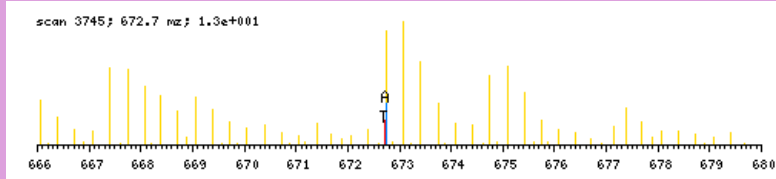
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



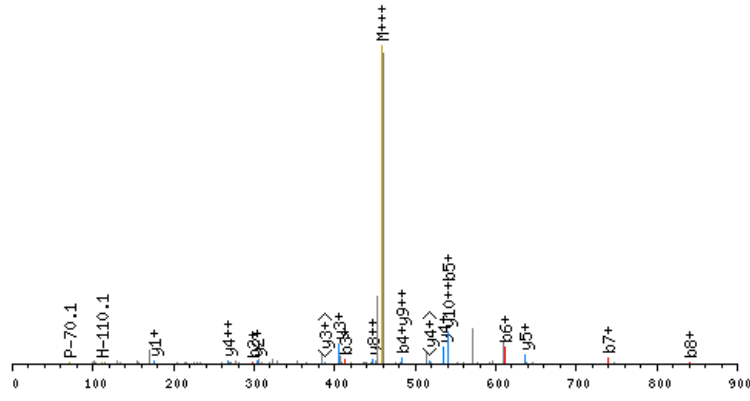
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
192.1024	1	Y 18		
293.1501	2	T 17	1825.0184	913.0131
421.2087	3	Q 16	1723.9707	862.4893
577.3350	4	K 15	1595.9121	798.4600
648.3721	5	A 14	1439.7858	720.3968
745.4249	6	P 13	1368.7487	684.8783
873.4834	7	Q 12	1271.6959	636.3519
972.5519	8	V 11	1143.6374	572.3226
1059.5839	9	S 10	1044.5689	522.7884
1160.6316	10	T 9	957.5369	479.2724
1257.6843	11	P 8	856.4892	428.7485
1358.7320	12	T 7	759.4365	380.2222
1471.8161	13	L 6	658.3888	329.6983
1570.8845	14	V 5	545.3047	273.1563
1699.9271	15	E 4	446.2363	223.6221
1770.9642	16	A 3	317.1937	159.1008
1842.0013	17	A 2	246.1566	123.5822
	18	R 1	175.1195	88.0637

N-term:+29.04 K(4):+156.13

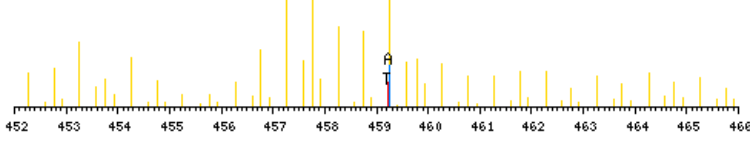
YVDAGAETMTQR, MH+ 1375.6740, m/z 459.2295
 H OS G25 P150811 220811-s1.02813.02813.3.dta

scan 2813; 7.5e+000



click image to zoom in; click top corners to zoom out [precursor±]

scan 2812; 459.2 m/z; 1.7e+001



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
198.1342	1	Y 12		
297.2026	2	V 11	1178.5476	589.7777
412.2296	3	D 10	1079.4791	540.2435
483.2667	4	A 9	964.4522	482.7300
540.2882	5	G 8	893.4151	447.2115
611.3253	6	A 7	836.3936	418.7007
740.3679	7	E 6	765.3565	383.1822
841.4155	8	T 5	636.3139	318.6609
972.4560	9	M 4	535.2662	268.1370
1073.5037	10	T 3	404.2258	202.6168
1201.5623	11	Q 2	303.1781	152.0930
	12	R 1	175.1195	88.0637

N-term:+35.07

YVGEEMEEGEFSEAR, MH+ 1717.7379, m/z 573.2508
 L OS G25 P150811 220811-s1.04813.04813.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

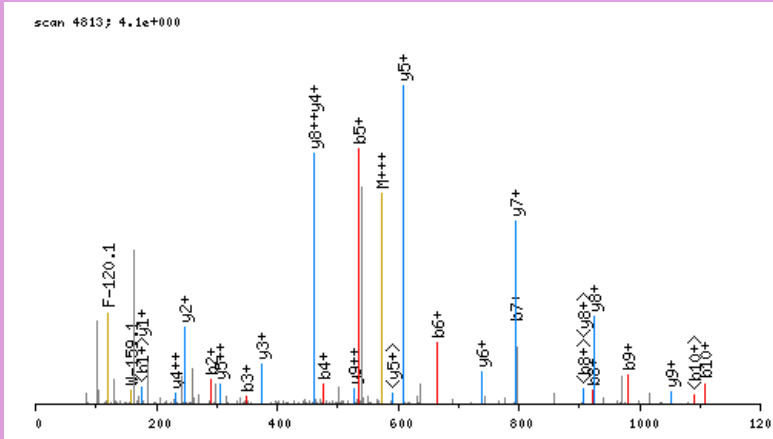
y + 2+ 3+

z + 2+ 3+

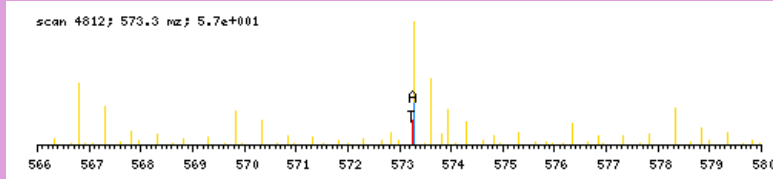
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
192.1024	1	Y 15		
291.1708	2	V 14	1526.6433	763.8256
348.1923	3	G 13	1427.5749	714.2914
477.2349	4	E 12	1370.5534	685.7806
534.2564	5	G 11	1241.5108	621.2593
665.2968	6	M 10	1184.4894	592.7486
794.3394	7	E 9	1053.4489	527.2284
923.3820	8	E 8	924.4063	462.7071
980.4035	9	G 7	795.3637	398.1858
1109.4461	10	E 6	738.3422	369.6750
1256.5145	11	F 5	609.2997	305.1537
1343.5465	12	S 4	462.2312	231.6195
1472.5891	13	E 3	375.1992	188.1035
1543.6262	14	A 2	246.1566	123.5822
	15	R 1	175.1195	88.0637

N-term:+29.04

YVLDDSDGLGR, MH+ 1237.6064, m/z 619.3069
 L OS G25 P150811 220811-s1.04796.04796.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

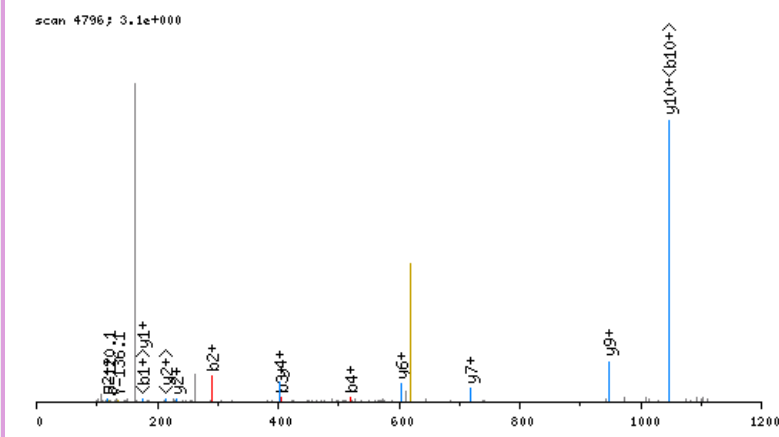
y + 2+ 3+

z + 2+ 3+

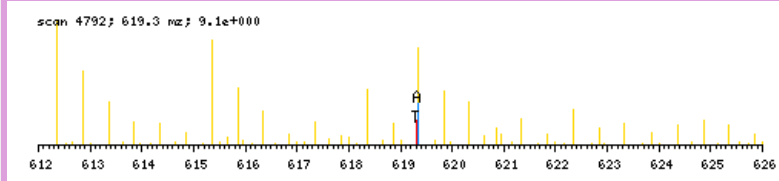
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
192.1024	1	Y	11	
291.1708	2	V	10	1046.5118 523.7598
404.2549	3	L	9	947.4434 474.2256
519.2818	4	D	8	834.3593 417.6836
634.3088	5	D	7	719.3324 360.1701
721.3408	6	S	6	604.3055 302.6566
836.3678	7	D	5	517.2734 259.1406
893.3892	8	G	4	402.2465 201.6272
1006.4733	9	L	3	345.2250 173.1164
1063.4948	10	G	2	232.1410 116.5744
	11	R	1	175.1195 88.0637

N-term:+29.04

YVLEQASSHIGNSTQAAVR, MH+ 2059.0572, m/z 687.0239
 L OS G26 P150811 220811-s1.03452.03452.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

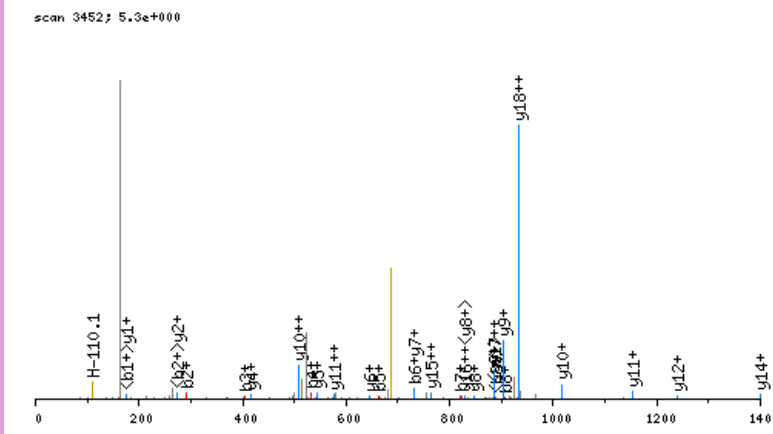
y + 2+ 3+

z + 2+ 3+

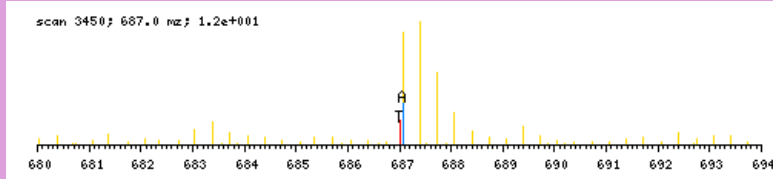
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
192.1024	1	Y	19	
291.1708	2	V	18	1867.9626
404.2549	3	L	17	1768.8942
533.2975	4	E	16	1655.8101
661.3561	5	Q	15	1526.7675
732.3932	6	A	14	1398.7090
819.4252	7	S	13	1327.6719
906.4572	8	S	12	1240.6398
1043.5162	9	H	11	1153.6078
1156.6002	10	I	10	1016.5489
1213.6217	11	G	9	903.4648
1327.6646	12	N	8	846.4434
1414.6966	13	S	7	732.4004
1515.7443	14	T	6	645.3684
1643.8029	15	Q	5	544.3207
1714.8400	16	A	4	416.2621
1785.8771	17	A	3	345.2250
1884.9455	18	V	2	274.1879
	19	R	1	175.1195

N-term:+29.04

YVLTCPNSNLGTGLR, MH+ 1578.8313, m/z 526.9486
 L OS G25 P150811 220811-s1.06281.06281.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

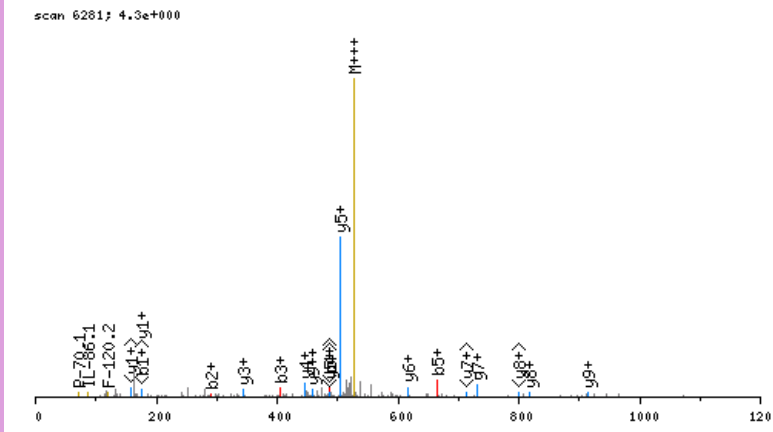
y + 2+ 3+

z + 2+ 3+

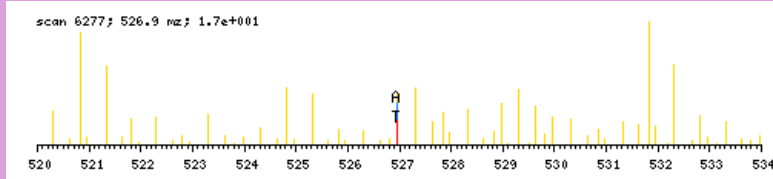
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
192.1024	1	Y	14	
291.1708	2	V	13	1387.7367 694.3723
404.2549	3	L	12	1288.6683 644.8381
505.3026	4	T	11	1175.5842 588.2960
665.3332	5	C	10	1074.5366 537.7722
762.3859	6	P	9	914.5060 457.7569
849.4180	7	S	8	817.4532 409.2305
963.4609	8	N	7	730.4212 365.7145
1076.5450	9	L	6	616.3782 308.6930
1133.5664	10	G	5	503.2942 252.1510
1234.6141	11	T	4	446.2727 223.6403
1291.6356	12	G	3	345.2250 173.1164
1404.7196	13	L	2	288.2036 144.6057
	14	R	1	175.1195 88.0637

N-term:+29.04 C(5):+160.03

YYEPDCLAYGAKAAR, MH+ 1803.8739, m/z 601.9628
 L OS G26 P150811 220811-s1.03532.03532.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

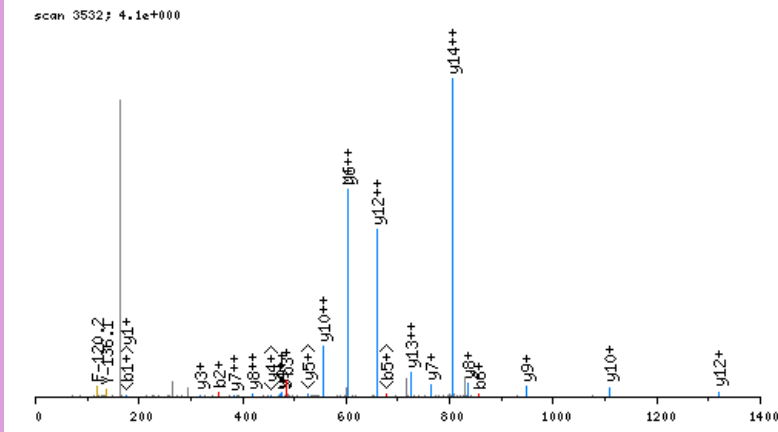
y + 2+ 3+

z + 2+ 3+

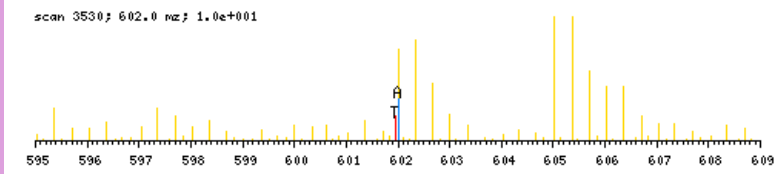
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
192.1024	1	Y	15		
355.1658	2	Y	14	1612.7793	806.8936
484.2084	3	E	13	1449.7160	725.3619
581.2611	4	P	12	1320.6734	660.8406
696.2881	5	D	11	1223.6207	612.3142
856.3187	6	C	10	1108.5937	554.8008
969.4027	7	L	9	948.5631	474.7855
1040.4398	8	A	8	835.4790	418.2434
1203.5032	9	Y	7	764.4419	382.7249
1260.5246	10	G	6	601.3786	301.1932
1331.5617	11	A	5	544.3571	272.6825
1487.6880	12	K	4	473.3200	237.1639
1558.7252	13	A	3	317.1937	159.1008
1629.7623	14	A	2	246.1566	123.5822
	15	R	1	175.1195	88.0637

N-term:+29.04 C(6):+160.03
 K(12):+156.13

YYSSSIWGPTCDGLDR, MH+ 1910.8806, m/z 478.4756
 H OS G28 P150811 220811-s1.05394.05394.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

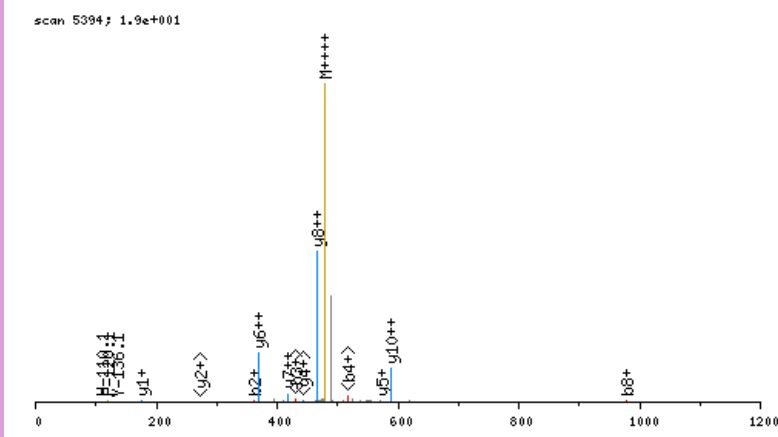
y + 2+ 3+

z + 2+ 3+

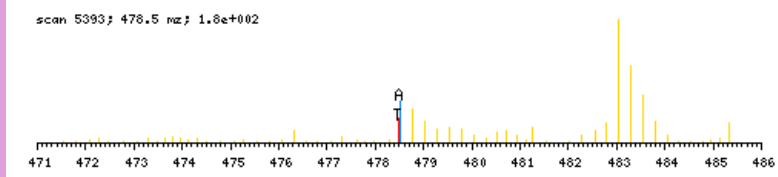
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; click top corners to zoom out [\[precursor±\]](#)



zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
198.1342	1	Y 16		
361.1976	2	Y 15	1713.7542	857.3810
448.2296	3	S 14	1550.6909	775.8494
535.2616	4	S 13	1463.6589	732.3333
622.2936	5	S 12	1376.6268	688.8173
735.3777	6	I 11	1289.5948	645.3013
921.4570	7	W 10	1176.5107	588.7593
978.4785	8	G 9	990.4314	495.7196
1075.5312	9	P 8	933.4100	467.2089
1176.5789	10	T 7	836.3572	418.6825
1336.6095	11	C 6	735.3095	368.1587
1451.6365	12	D 5	575.2789	288.1434
1508.6579	13	G 4	460.2520	230.6299
1621.7420	14	L 3	403.2305	202.1192
1736.7689	15	D 2	290.1464	145.5771
	16	R 1	175.1195	88.0637

N-term:+35.07 C(11):+160.03