

AAAPSAVGSAAAAPR, MH+ 1327.7546, m/z 443.2564
 H OSG37 P180811 230811-s1.02568.02568.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

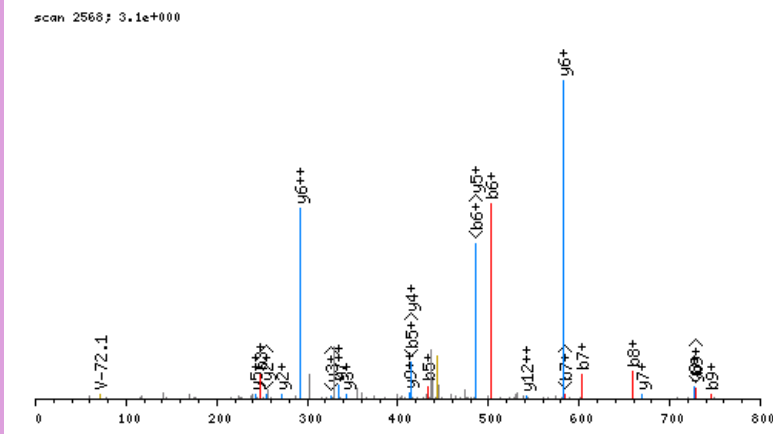
y + 2+ 3+

z + 2+ 3+

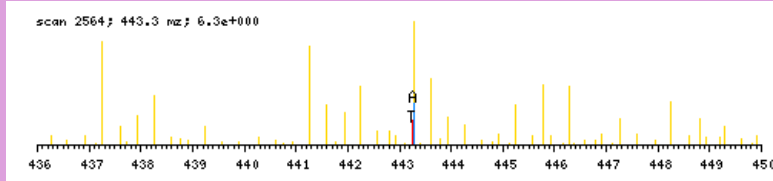
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 15		
177.1451	2	A 14	1222.6544	611.8311
248.1822	3	A 13	1151.6173	576.3126
345.2350	4	P 12	1080.5802	540.7940
432.2670	5	S 11	983.5274	492.2676
503.3041	6	A 10	896.4954	448.7516
602.3726	7	V 9	825.4583	413.2331
659.3940	8	G 8	726.3899	363.6988
746.4261	9	S 7	669.3684	335.1881
843.4788	10	P 6	582.3364	291.6721
914.5159	11	A 5	485.2836	243.1457
985.5530	12	A 4	414.2465	207.6272
1056.5902	13	A 3	343.2094	172.1086
1153.6429	14	P 2	272.1723	136.5900
	15	R 1	175.1195	88.0637

N-term:+35.07

AALPADPPASVVVGPVVVPR, MH+ 1945.1698, m/z 649.0615
 H OSG36 P180811 230811-s1.05251.05251.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

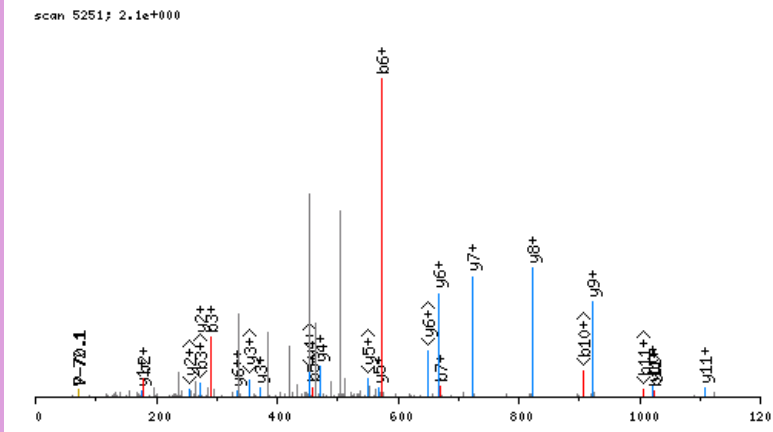
y + 2+ 3+

z + 2+ 3+

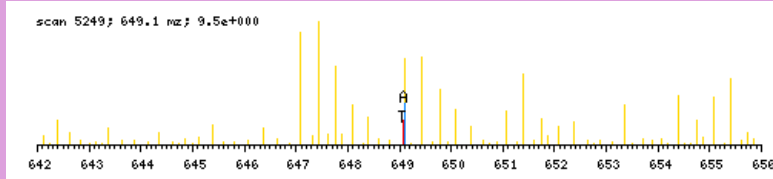
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
177.1451	2	A 19	1840.0696	920.5387
290.2292	3	L 18	1769.0325	885.0202
387.2820	4	P 17	1655.9485	828.4781
458.3191	5	A 16	1558.8957	779.9518
573.3460	6	D 15	1487.8586	744.4332
670.3988	7	P 14	1372.8316	686.9197
767.4515	8	P 13	1275.7789	638.3934
838.4887	9	A 12	1178.7261	589.8670
925.5207	10	S 11	1107.6890	554.3484
1024.5891	11	V 10	1020.6570	510.8324
1123.6575	12	V 9	921.5886	461.2982
1222.7259	13	V 8	822.5201	411.7640
1279.7474	14	G 7	723.4517	362.2298
1376.8002	15	P 6	666.4303	333.7190
1475.8686	16	V 5	569.3775	285.1927
1574.9370	17	V 4	470.3091	235.6585
1674.0054	18	V 3	371.2407	186.1243
1771.0582	19	P 2	272.1723	136.5900
	20	R 1	175.1195	88.0637

N-term:+35.07

AAPEEESAYVAGER, MH+ 1512.7394, m/z 504.9180
 H OSG37 P180811 230811-s1.03127.03127.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

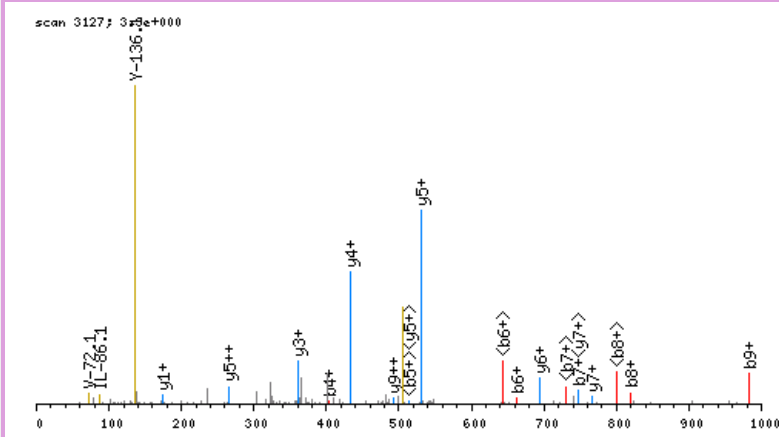
y + 2+ 3+

z + 2+ 3+

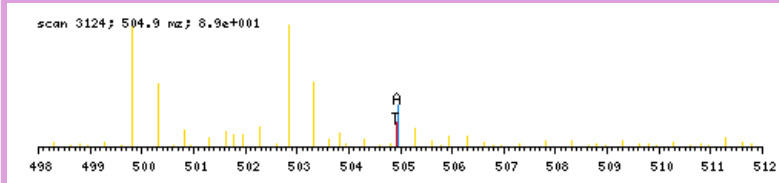
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
177.1451	2	A 13	1407.6392	704.3235
274.1979	3	P 12	1336.6021	668.8050
403.2405	4	E 11	1239.5493	620.2786
532.2831	5	E 10	1110.5067	555.7573
661.3257	6	E 9	981.4641	491.2360
748.3577	7	S 8	852.4216	426.7147
819.3948	8	A 7	765.3895	383.1987
982.4581	9	Y 6	694.3524	347.6801
1081.5266	10	V 5	531.2891	266.1485
1152.5637	11	A 4	432.2207	216.6142
1209.5851	12	G 3	361.1836	181.0957
1338.6277	13	E 2	304.1621	152.5850
	14	R 1	175.1195	88.0637

N-term:+35.07

AAPELPVPTGGPMAGAR, MH+ 1625.8897, m/z 542.6348
 H OSG37 P180811 230811-s1.06051.06051.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

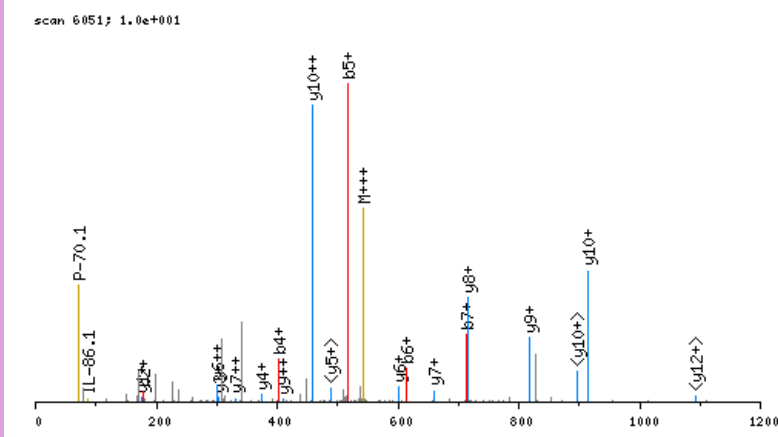
y + 2+ 3+

z + 2+ 3+

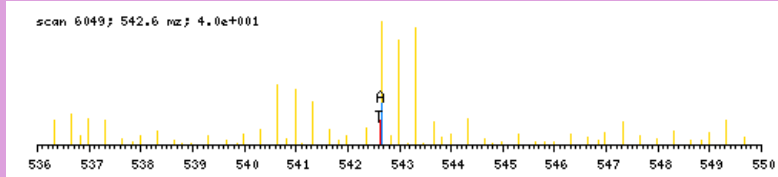
hide H₂O/NH₃

zoom 112-122

GO



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



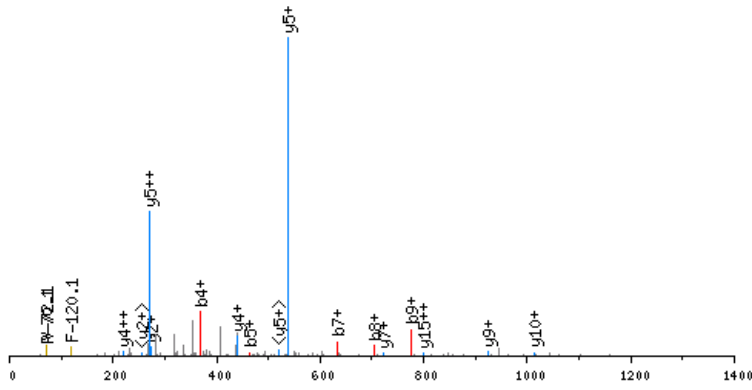
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 17		
177.1451	2	A 16	1520.7895	760.8987
274.1979	3	P 15	1449.7524	725.3801
403.2405	4	E 14	1352.6996	676.8537
516.3245	5	L 13	1223.6571	612.3324
613.3773	6	P 12	1110.5730	555.7904
712.4457	7	V 11	1013.5202	507.2640
809.4985	8	P 10	914.4518	457.7298
910.5462	9	T 9	817.3990	409.2034
967.5676	10	G 8	716.3514	358.6796
1024.5891	11	G 7	659.3299	330.1689
1121.6419	12	P 6	602.3084	301.6581
1252.6823	13	M 5	505.2557	253.1318
1323.7195	14	A 4	374.2152	187.6115
1380.7409	15	G 3	303.1781	152.0930
1451.7780	16	A 2	246.1566	123.5822
	17	R 1	175.1195	88.0637

N-term:+35.07

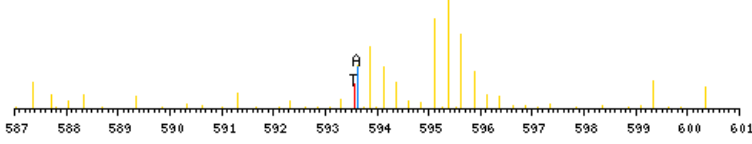
AAPVPPAAAPLLDFSSDSVPPAPR, MH+ 2371.2661, m/z 593.5720
 L OSG36 P180811 230811-s1.06021.06021.4.dta

scan 6021; 1.3e+001



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

scan 6019; 593.6 mz; 5.3e+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⁺
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+ 1587.8859, m/z 529.9668
 L OSG39 P180811 230811-s1.03499.03499.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

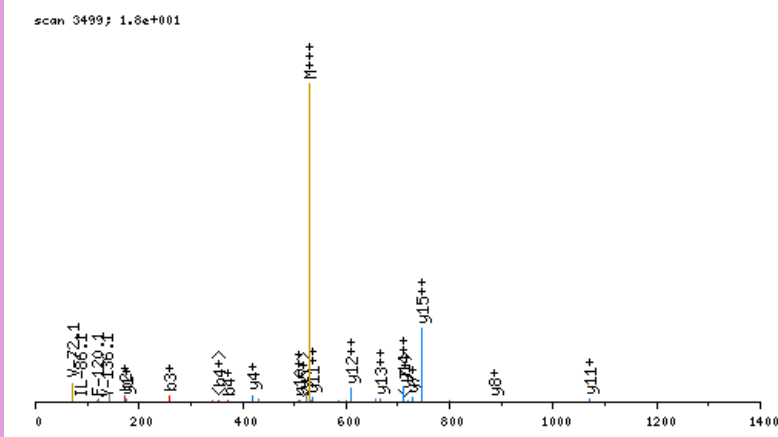
y + 2+ 3+

z + 2+ 3+

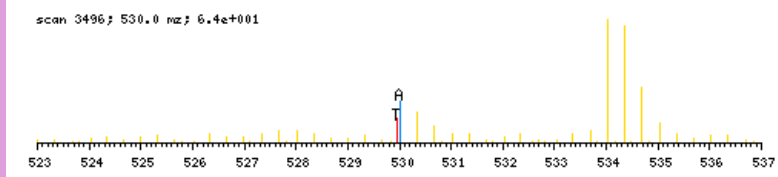
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1488.8175	744.9127
258.1454	3	S 14	1417.7804	709.3941
371.2294	4	I 13	1330.7483	665.8781
518.2978	5	F 12	1217.6643	609.3361
575.3193	6	G 11	1070.5959	535.8018
632.3408	7	G 10	1013.5744	507.2911
703.3779	8	A 9	956.5529	478.7804
859.5042	9	K 8	885.5158	443.2618
956.5569	10	P 7	729.3895	365.1987
1055.6254	11	V 6	632.3368	316.6723
1170.6523	12	D 5	533.2683	267.1381
1271.7000	13	T 4	418.2414	209.6246
1342.7371	14	A 3	317.1937	159.1008
1413.7742	15	A 2	246.1566	123.5822
	16	R 1	175.1195	88.0637

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

AAAYISNAVGAAAYSSAR, MH+ 1605.8449, m/z 535.9531
 H OSG39 P180811 230811-s1.07322.07322.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

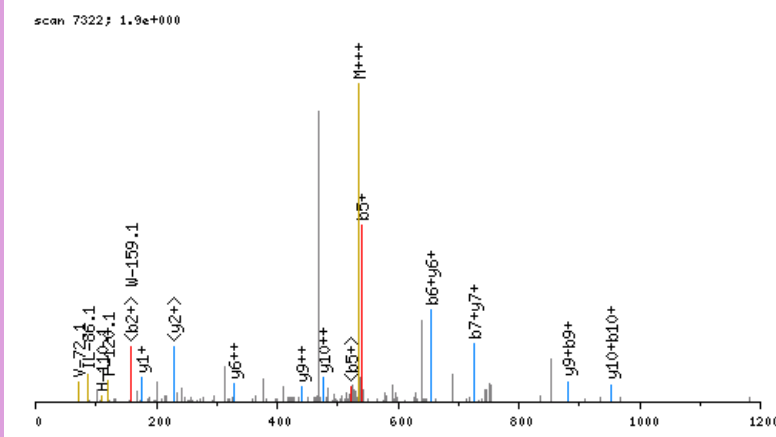
y + 2+ 3+

z + 2+ 3+

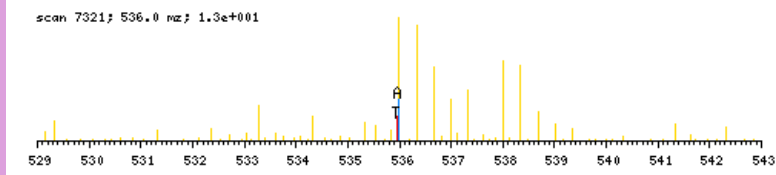
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

ACGLVASNLNLKPGECKLQVR, MH+ 2301.3635, m/z 576.0963
 H OSG40 P180811 230811-sl.06330.06330.4.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+

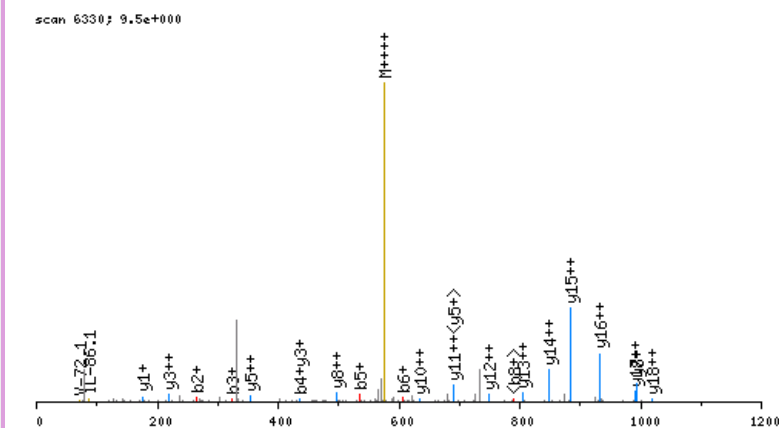
y + 2+ 3+

z + 2+ 3+

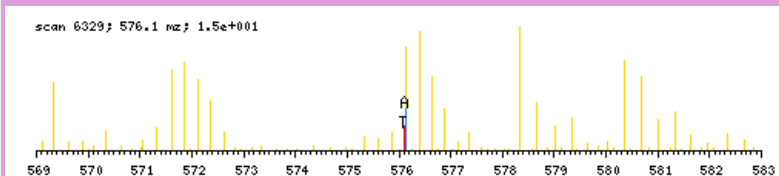
hide H₂O/NH₃

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		
266.1386	2	C	19	2196.2633	1098.6355
323.1601	3	G	18	2036.2327	1018.6202
436.2441	4	L	17	1979.2112	990.1095
535.3126	5	V	16	1866.1271	933.5675
606.3497	6	A	15	1767.0587	884.0333
693.3817	7	S	14	1696.0216	848.5147
807.4246	8	N	13	1608.9896	804.9987
920.5087	9	L	12	1494.9467	747.9772
1034.5516	10	N	11	1381.8626	691.4352
1147.6357	11	L	10	1267.8197	634.4137
1309.7938	12	K	9	1154.7356	577.8717
1406.8465	13	P	8	992.5775	496.7927
1463.8680	14	G	7	895.5247	448.2663
1592.9106	15	E	6	838.5033	419.7555
1752.9412	16	C	5	709.4607	355.2343
1866.0253	17	L	4	549.4301	275.2190
2028.1834	18	K	3	436.3460	218.6769
2127.2518	19	V	2	274.1879	137.5979
	20	R	1	175.1195	88.0637

N-term:+35.07 C(2):+160.03
 K(12):+162.16 C(16):+160.03
 K(18):+162.16

ADASKGDDLLPAGTEDYIHIR, MH+ 2313.1727, m/z 579.0486
 L OSG40 P180811 230811-s1.07330.07330.4.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+

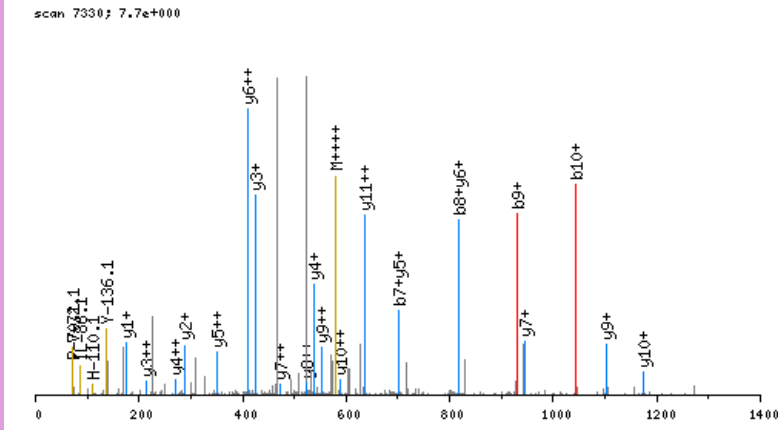
y + 2+ 3+

z + 2+ 3+

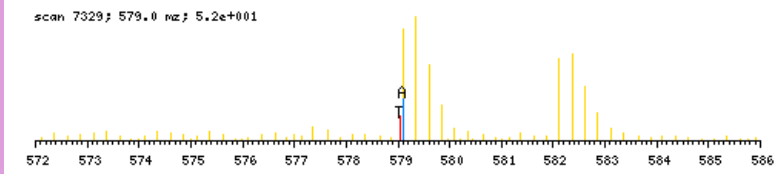
hide H₂O/NH₃

zoom 112-122

GO



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



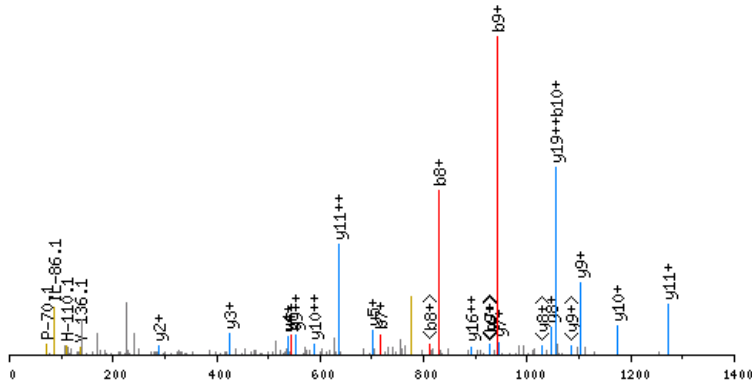
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

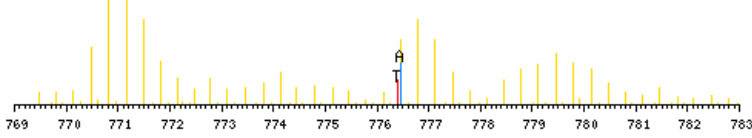
ADATKGDLLPAGTEDYIHIR, MH+ 2327.1883, m/z 776.4010
 L OSG39 P180811 230811-s1.06710.06710.3.dta

scan 6710; 1.7e+000



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

scan 6706; 776.4 mz; 1.3e+001



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	2228.1199	1114.5639
286.1403	3	A 19	2113.0930	1057.0504
387.1879	4	T 18	2042.0559	1021.5319
543.3142	5	K 17	1941.0082	971.0080
600.3357	6	G 16	1784.8819	892.9449
715.3627	7	D 15	1727.8604	864.4341
830.3896	8	D 14	1612.8335	806.9207
943.4737	9	L 13	1497.8066	749.4072
1056.5577	10	L 12	1384.7225	692.8652
1153.6105	11	P 11	1271.6384	636.3231
1224.6476	12	A 10	1174.5857	587.7967
1281.6691	13	G 9	1103.5485	552.2782
1382.7167	14	T 8	1046.5271	523.7675
1511.7593	15	E 7	945.4794	473.2436
1626.7863	16	D 6	816.4368	408.7223
1789.8496	17	Y 5	701.4099	351.2088
1902.9337	18	I 4	538.3465	269.6772
2039.9926	19	H 3	425.2625	213.1352
2153.0767	20	I 2	288.2036	144.6057
	21	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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

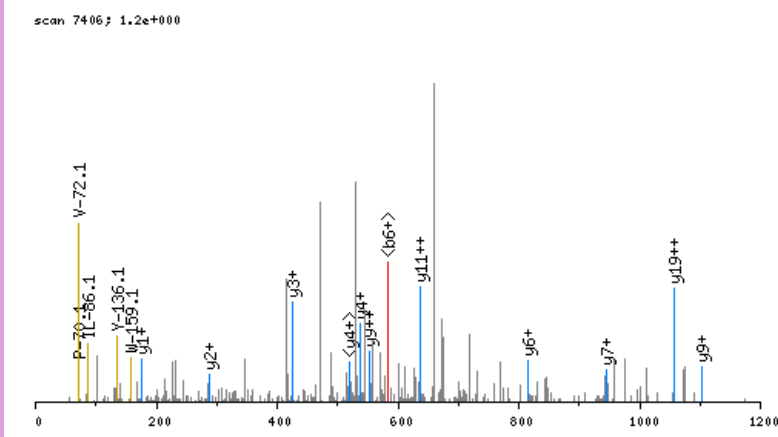
y + 2+ 3+

z + 2+ 3+

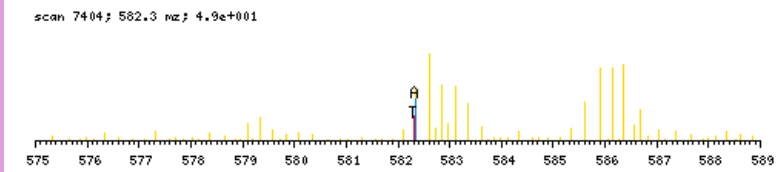
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	2227.1359	1114.0719
286.1403	3	A	19	2112.1090	1056.5584
387.1879	4	T	18	2041.0719	1021.0398
543.3142	5	K	17	1940.0242	970.5160
600.3357	6	G	16	1783.8979	892.4529
714.3786	7	N	15	1726.8764	863.9421
829.4056	8	D	14	1612.8335	806.9207
942.4896	9	L	13	1497.8066	749.4072
1055.5737	10	L	12	1384.7225	692.8652
1152.6265	11	P	11	1271.6384	636.3231
1223.6636	12	A	10	1174.5857	587.7967
1280.6851	13	G	9	1103.5485	552.2782
1381.7327	14	T	8	1046.5271	523.7675
1510.7753	15	E	7	945.4794	473.2436
1625.8023	16	D	6	816.4368	408.7223
1788.8656	17	Y	5	701.4099	351.2088
1901.9497	18	I	4	538.3465	269.6772
2039.0086	19	H	3	425.2625	213.1352
2152.0926	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 OSG41 P180811 230811-s1.03726.03726.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

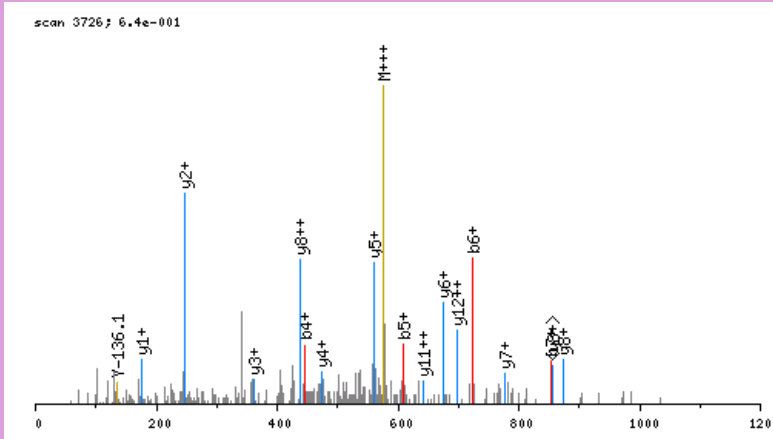
y + 2+ 3+

z + 2+ 3+

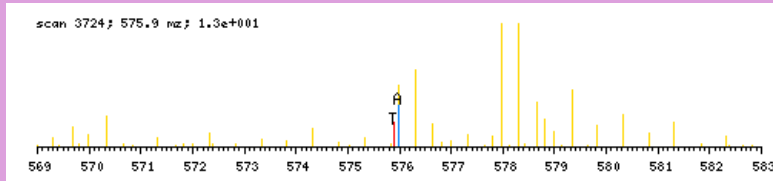
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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+ 1436.6479, m/z 479.5542
 L OSG37 P180811 230811-s1.04225.04225.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

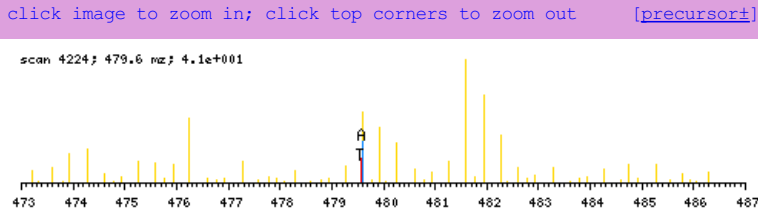
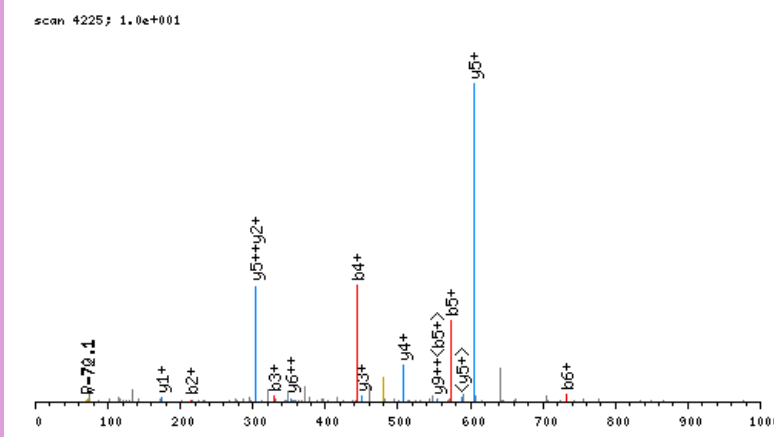
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO



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	1337.5795	669.2937
330.1301	3	D 10	1222.5526	611.7802
443.2142	4	L 9	1107.5257	554.2667
572.2568	5	E 8	994.4416	497.7247
732.2874	6	C 7	865.3990	433.2034
833.3350	7	T 6	705.3684	353.1881
930.3878	8	P 5	604.3207	302.6643
987.4093	9	G 4	507.2680	254.1379
1134.4777	10	F 3	450.2465	225.6272
1262.5363	11	Q 2	303.1781	152.0930
	12	R 1	175.1195	88.0637

N-term:+29.04 C(6):+160.03

ADFKKAFLLFDR, MH+ 1539.8848, m/z 513.9664
 H OSG40 P180811 230811-s1.09300.09300.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

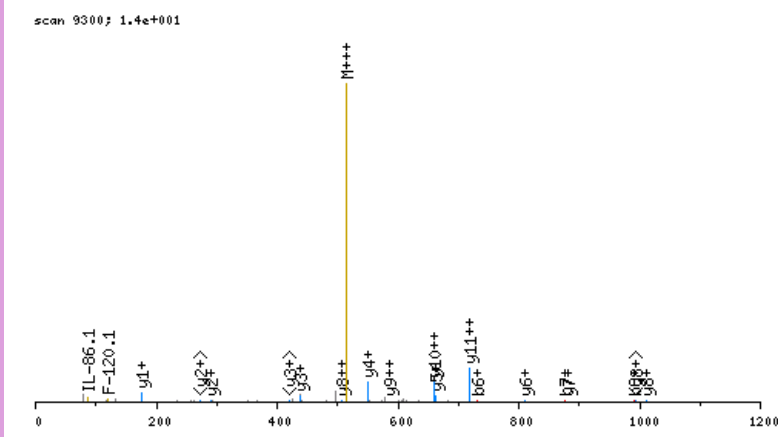
y + 2+ 3+

z + 2+ 3+

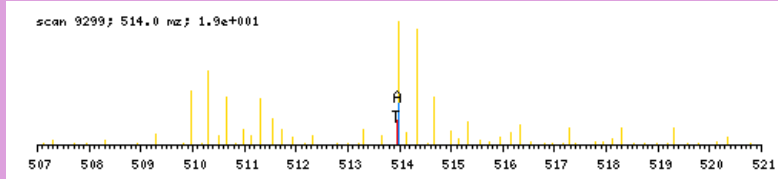
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1434.7846	717.8962
368.2034	3	F 10	1319.7576	660.3827
530.3615	4	K 9	1172.6892	586.8485
659.4041	5	E 8	1010.5311	505.7695
730.4412	6	A 7	881.4885	441.2482
877.5096	7	F 6	810.4514	405.7296
990.5937	8	L 5	663.3830	332.1954
1103.6777	9	L 4	550.2989	275.6534
1250.7461	10	F 3	437.2149	219.1113
1365.7731	11	D 2	290.1464	145.5771
	12	R 1	175.1195	88.0637

N-term:+35.07 K(4):+162.16

ADLFDPVIKLR, MH+ 1342.8099, m/z 448.2748
 L OSG39 P180811 230811-s1.06803.06803.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

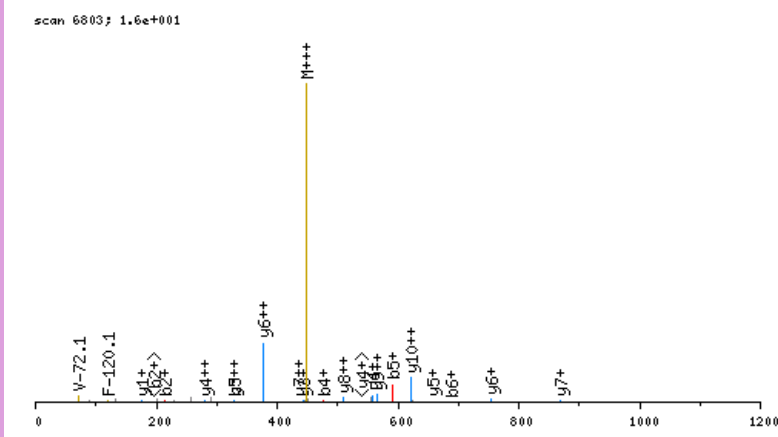
y + 2+ 3+

z + 2+ 3+

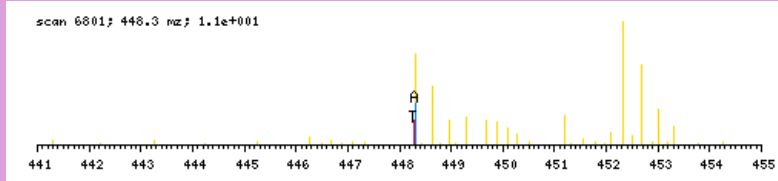
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
215.1032	2	D 10	1243.7415	622.3746
328.1872	3	L 9	1128.7145	564.8612
475.2556	4	F 8	1015.6305	508.3191
590.2826	5	D 7	868.5620	434.7849
687.3353	6	P 6	753.5351	377.2715
786.4038	7	V 5	656.4823	328.7451
899.4878	8	I 4	557.4139	279.2109
1055.6141	9	K 3	444.3299	222.6688
1168.6982	10	L 2	288.2036	144.6057
	11	R 1	175.1195	88.0637

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

ADLHGMLLEIPDLR, MH+ 1507.7942, m/z 503.2696
 L OSG40 P180811 230811-s1.08593.08593.3.dta

scan 8593; 5.8e-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+

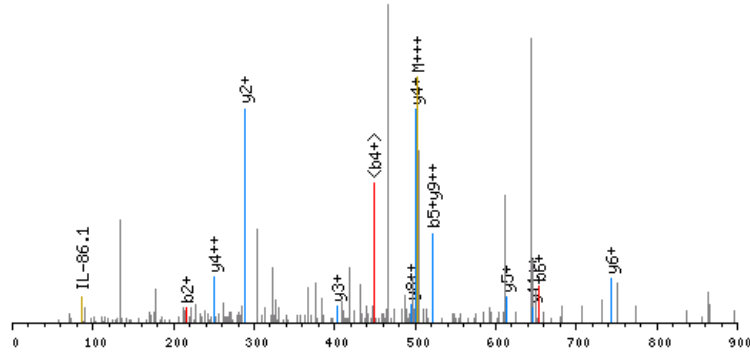
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

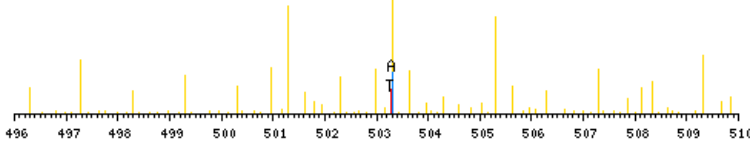
zoom 112-122

GO



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

scan 8589; 503.3 m/z; 7.4e+000



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	1408.7259	704.8668
328.1872	3	L 11	1293.6989	647.3534
465.2461	4	H 10	1180.6149	590.8113
522.2676	5	G 9	1043.5559	522.2819
653.3081	6	M 8	986.5345	493.7712
766.3921	7	L 7	855.4940	428.2509
895.4347	8	E 6	742.4099	371.7089
1008.5188	9	I 5	613.3673	307.1876
1105.5716	10	P 4	500.2833	250.6455
1220.5985	11	D 3	403.2305	202.1192
1333.6826	12	L 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+29.04

ADLVQDLISICTR, MH+ 1505.7633, m/z 502.5926
 L OSG37 P180811 230811-s1.06736.06736.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

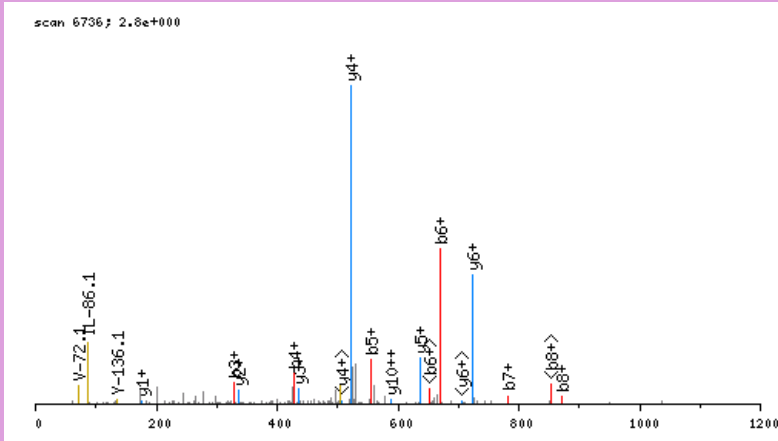
y + 2+ 3+

z + 2+ 3+

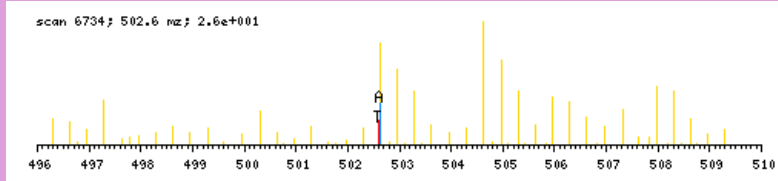
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1406.6949	703.8514
328.1872	3	L 11	1291.6680	646.3379
427.2556	4	V 10	1178.5839	589.7959
555.3142	5	Q 9	1079.5155	540.2617
670.3412	6	D 8	951.4569	476.2324
783.4252	7	L 7	836.4300	418.7189
870.4572	8	S 6	723.3459	362.1769
983.5413	9	I 5	636.3139	318.6608
1070.5733	10	S 4	523.2298	262.1188
1171.6210	11	T 3	436.1978	218.6028
1331.6516	12	C 2	335.1501	168.0790
	13	R 1	175.1195	88.0637

N-term:+29.04 C(12):+160.03

ADPLAPGAFCTQIVR, MH+ 1649.8897, m/z 550.6347
 H OSG37 P180811 230811-s1.06842.06842.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

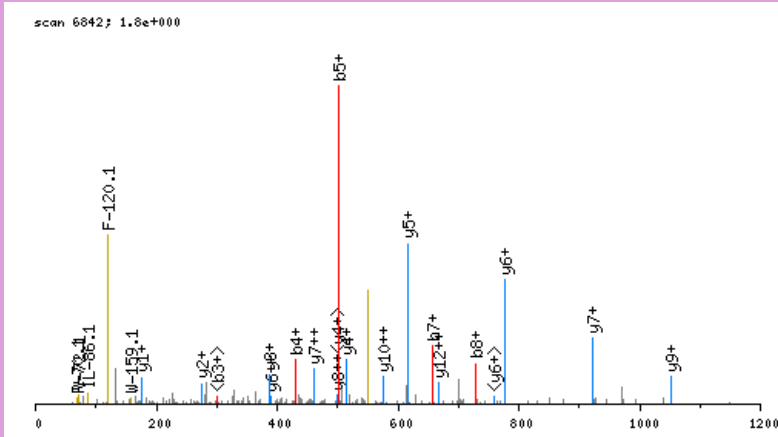
y + 2+ 3+

z + 2+ 3+

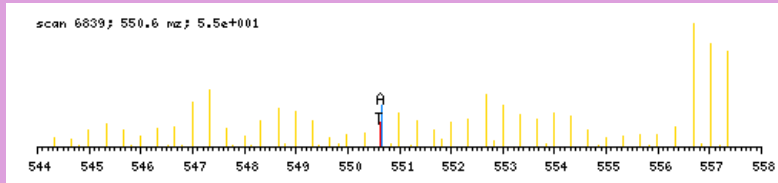
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 15		
221.1350	2	D 14	1544.7895	772.8986
318.1877	3	P 13	1429.7625	715.3852
431.2718	4	L 12	1332.7098	666.8588
502.3089	5	A 11	1219.6257	610.3168
599.3617	6	P 10	1148.5886	574.7982
656.3831	7	G 9	1051.5358	526.2718
727.4202	8	A 8	994.5144	497.7611
874.4887	9	F 7	923.4772	462.2425
1034.5193	10	C 6	776.4088	388.7083
1135.5669	11	T 5	616.3782	308.6930
1263.6255	12	Q 4	515.3306	258.1692
1376.7096	13	I 3	387.2720	194.1399
1475.7780	14	V 2	274.1879	137.5979
	15	R 1	175.1195	88.0637

N-term:+35.07 C(10):+160.03

ADTPGEATPPPR, MH+ 1236.6224, m/z 412.8790
 L OSG37 P180811 230811-s1.02067.02067.3.dta

scan 2067; 4.8e+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+

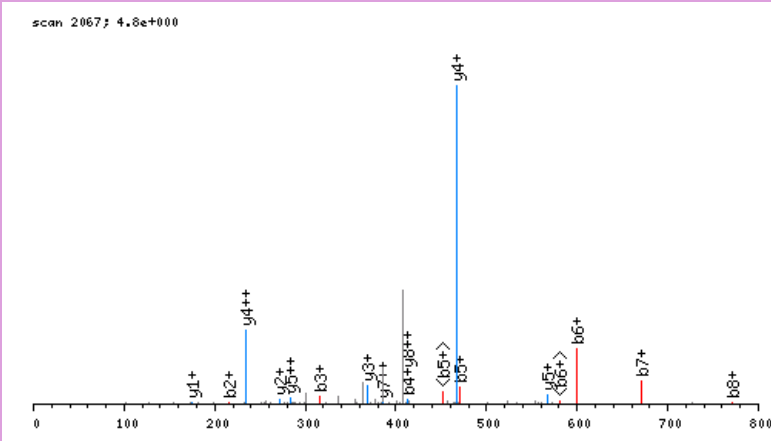
y + 2+ 3+

z + 2+ 3+

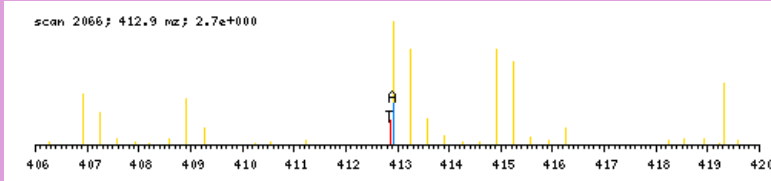
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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+ 1422.7189, m/z 474.9112
 H OSG40 P180811 230811-s1.03060.03060.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

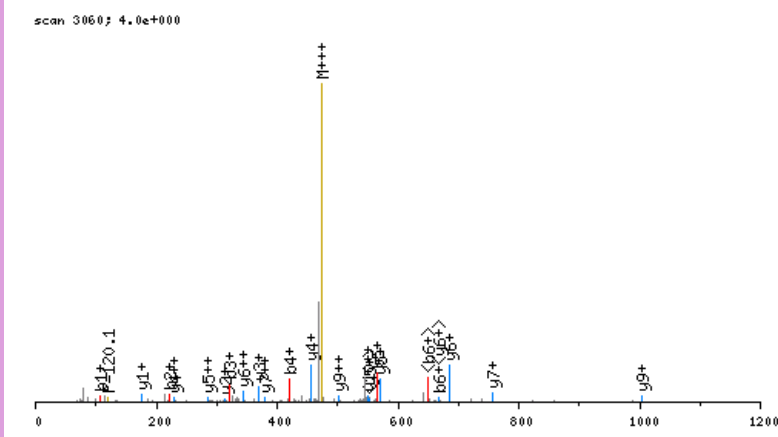
y + 2+ 3+

z + 2+ 3+

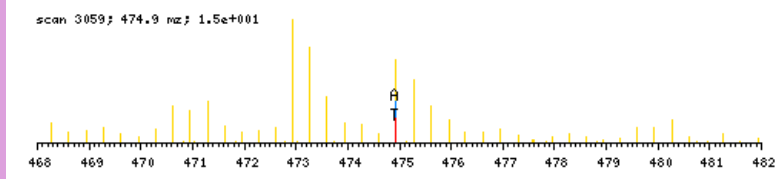
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1317.6188	659.3133
320.2034	3	V 11	1202.5918	601.7998
419.2718	4	V 10	1103.5234	552.2656
566.3402	5	F 9	1004.4550	502.7314
667.3879	6	T 8	857.3866	429.1972
738.4250	7	A 7	756.3389	378.6734
852.4679	8	N 6	685.3018	343.1548
967.4949	9	D 5	571.2588	286.1333
1054.5269	10	S 4	456.2319	228.6199
1111.5484	11	G 3	369.1999	185.1039
1248.6073	12	H 2	312.1784	156.5931
	13	R 1	175.1195	88.0637

N-term:+35.07

AEAPGVLDLILPEGR, MH+ 1521.8277, m/z 761.4175
 L OSG37 P180811 230811-s1.06906.06906.2.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+

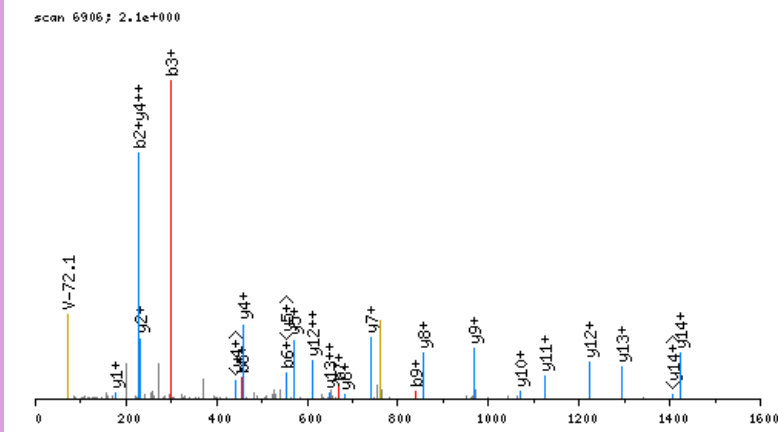
y + 2+ 3+

z + 2+ 3+

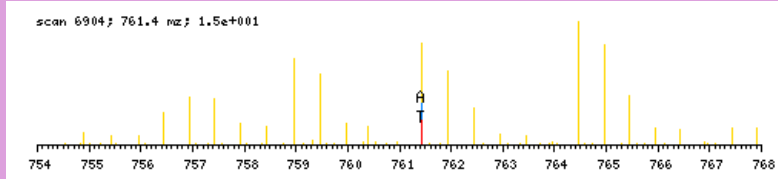
hide H₂O/NH₃

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 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

AEDSAEAAVSVPEER, MH+ 1545.7396, m/z 515.9181
 L OSG37 P180811 230811-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+

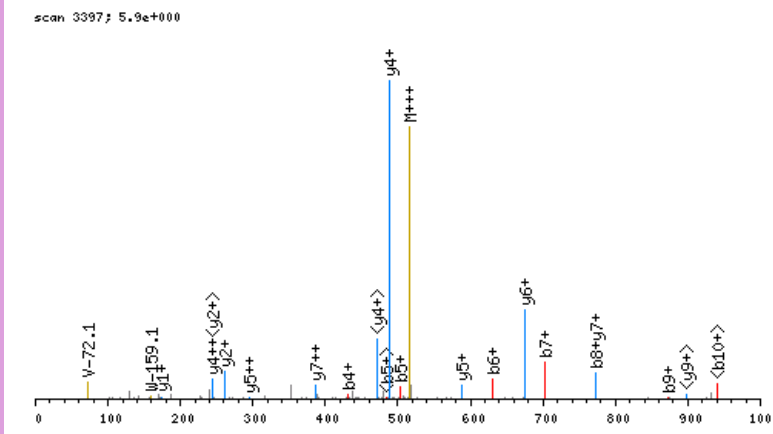
y + 2+ 3+

z + 2+ 3+

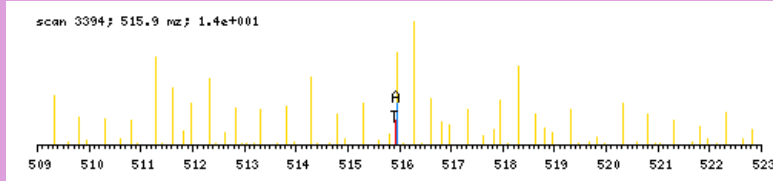
hide H₂O/NH₃

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⁺
100.0762	1	A 15		
229.1188	2	E 14	1446.6712	723.8395
344.1458	3	D 13	1317.6286	659.3182
431.1778	4	S 12	1202.6017	601.8048
502.2149	5	A 11	1115.5697	558.2888
631.2575	6	E 10	1044.5326	522.7702
702.2946	7	A 9	915.4900	458.2489
773.3317	8	A 8	844.4529	422.7303
872.4001	9	V 7	773.4157	387.2118
959.4322	10	S 6	674.3473	337.6776
1058.5006	11	V 5	587.3153	294.1616
1155.5533	12	P 4	488.2469	244.6274
1284.5959	13	E 3	391.1941	196.1010
1371.6280	14	S 2	262.1515	131.5797
	15	R 1	175.1195	88.0637

N-term:+29.04

AEFASEACR, MH+ 1074.5101, m/z 537.7587
 H OSG38 P180811 230811-s1.02265.02265.2.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+

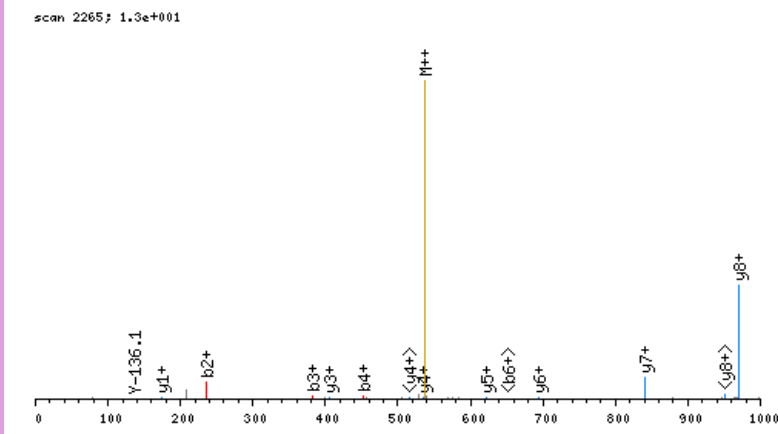
y + 2+ 3+

z + 2+ 3+

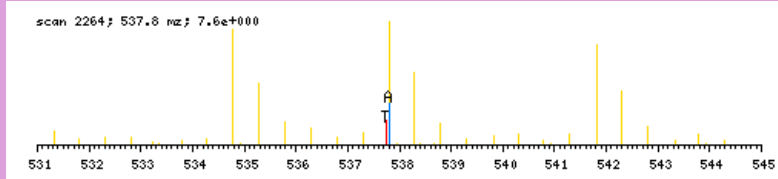
hide H₂O/NH₃

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	9	
235.1506	2	E	8	969.4100
382.2190	3	F	7	840.3674
453.2561	4	A	6	693.2989
540.2882	5	S	5	622.2618
669.3308	6	E	4	535.2298
740.3679	7	A	3	406.1872
900.3985	8	C	2	335.1501
	9	R	1	175.1195

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

AEPPPPKPDLSR, MH+ 1456.8164, m/z 486.2770
 L OSG39 P180811 230811-s1.02702.02702.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

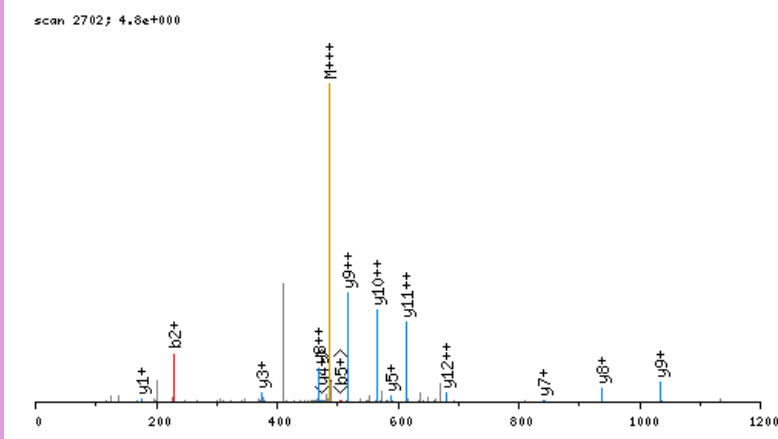
y + 2+ 3+

z + 2+ 3+

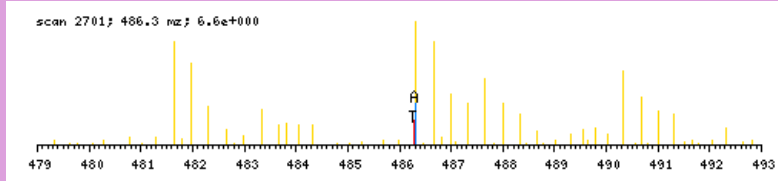
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1357.7480	679.3779
326.1716	3	P 11	1228.7054	614.8566
423.2243	4	P 10	1131.6527	566.3302
520.2771	5	P 9	1034.5999	517.8039
617.3299	6	P 8	937.5471	469.2775
714.3826	7	P 7	840.4944	420.7511
870.5089	8	K 6	743.4416	372.2247
967.5617	9	P 5	587.3153	294.1616
1082.5886	10	D 4	490.2625	245.6352
1195.6727	11	L 3	375.2356	188.1217
1282.7047	12	S 2	262.1515	131.5797
	13	R 1	175.1195	88.0637

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

AEPVDVLEAWGVHR, MH+ 1605.8389, m/z 535.9511
 L OSG40 P180811 230811-s1.08803.08803.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

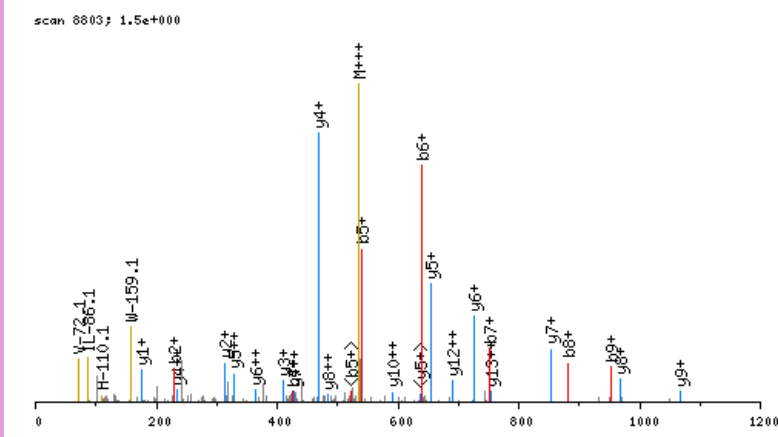
y + 2+ 3+

z + 2+ 3+

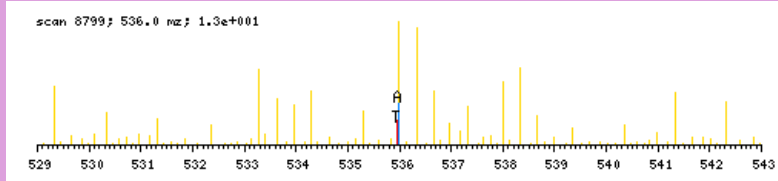
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

AESQSPTNVDLEDKER, MH+ 1885.9779, m/z 629.3308
 H OSG39 P180811 230811-s1.02547.02547.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

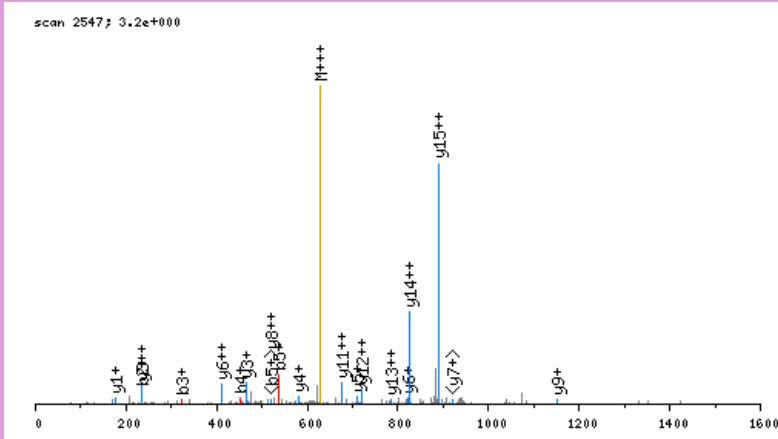
y + 2+ 3+

z + 2+ 3+

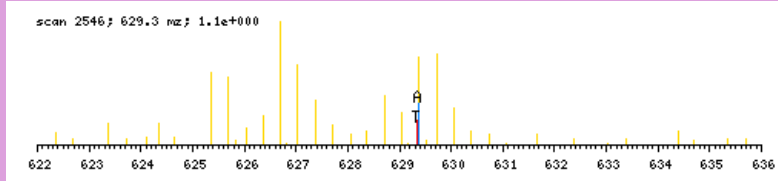
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
235.1506	2	E 15	1780.8777	890.9428
322.1826	3	S 14	1651.8352	826.4215
450.2412	4	Q 13	1564.8031	782.9055
537.2732	5	S 12	1436.7445	718.8762
634.3260	6	P 11	1349.7125	675.3602
735.3737	7	T 10	1252.6598	626.8338
849.4166	8	N 9	1151.6121	576.3100
948.4850	9	V 8	1037.5692	519.2885
1063.5120	10	D 7	938.5007	469.7543
1176.5960	11	L 6	823.4738	412.2408
1305.6386	12	E 5	710.3897	355.6988
1420.6656	13	D 4	581.3471	291.1775
1582.8237	14	K 3	466.3202	233.6640
1711.8663	15	E 2	304.1621	152.5850
	16	R 1	175.1195	88.0637

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

AETPVAAALPEFPR, MH+ 1425.7742, m/z 475.9296
 L OSG37 P180811 230811-s1.06811.06811.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

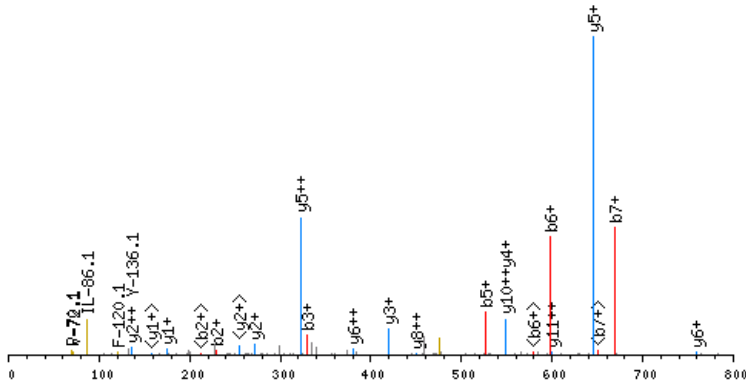
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

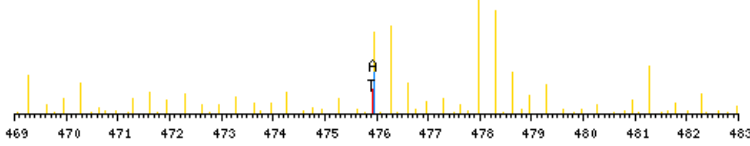
GO

scan 6811; 4.3e+000



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

scan 6809; 475.9 m/z; 1.7e+001



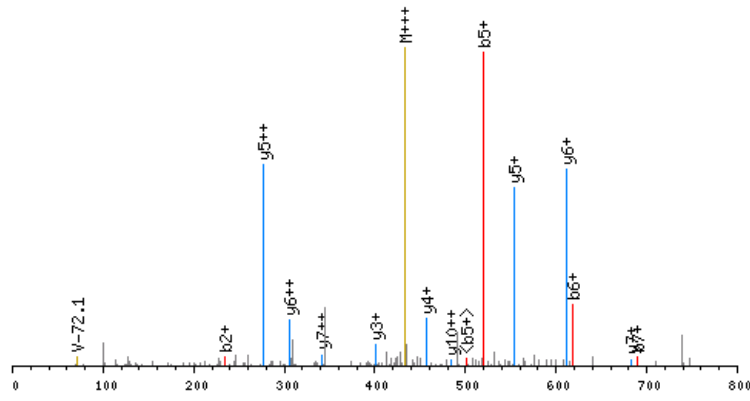
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 13		
229.1188	2	E 12	1326.7058	663.8568
330.1665	3	T 11	1197.6632	599.3355
427.2192	4	P 10	1096.6155	548.8117
526.2877	5	V 9	999.5627	500.2853
597.3248	6	A 8	900.4943	450.7511
668.3619	7	A 7	829.4572	415.2325
781.4460	8	L 6	758.4201	379.7140
878.4987	9	P 5	645.3360	323.1719
1007.5413	10	E 4	548.2833	274.6455
1154.6097	11	F 3	419.2407	210.1243
1251.6625	12	P 2	272.1723	136.5900
	13	R 1	175.1195	88.0637

N-term:+29.04

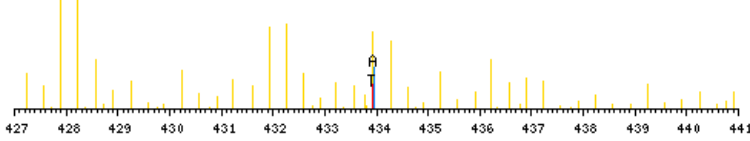
AEVGQVAGPGPQR, MH+ 1299.7233, m/z 433.9126
 H OSG37 P180811 230811-s1.02443.02443.3.dta

scan 2443; 1.4e+000



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

scan 2439; 433.9 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⁺
106.1080	1	A 13		
235.1506	2	E 12	1194.6231	597.8155
334.2190	3	V 11	1065.5805	533.2942
391.2405	4	G 10	966.5121	483.7600
519.2991	5	Q 9	909.4906	455.2492
618.3675	6	V 8	781.4321	391.2199
689.4046	7	A 7	682.3636	341.6857
746.4261	8	G 6	611.3265	306.1672
843.4788	9	P 5	554.3051	277.6564
900.5003	10	G 4	457.2523	229.1301
997.5530	11	P 3	400.2308	200.6193
1125.6116	12	Q 2	303.1781	152.0930
	13	R 1	175.1195	88.0637

N-term:+35.07

AEVNADVVDWIR, MH+ 1420.7648, m/z 474.2598
 H OSG37 P180811 230811-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+

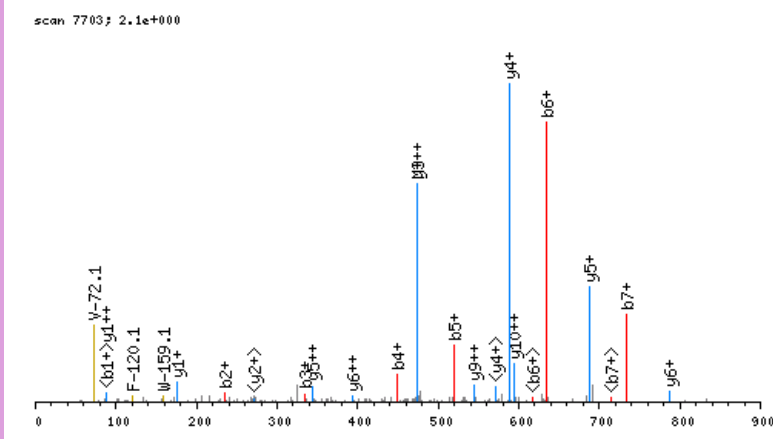
y + 2+ 3+

z + 2+ 3+

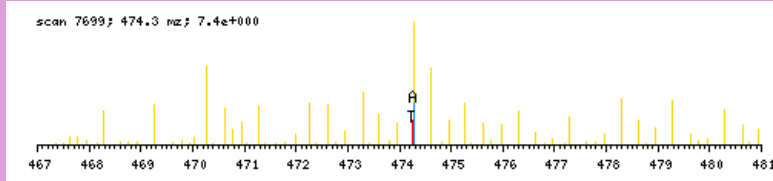
hide H₂O/NH₃

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⁺
106.1080	1	A	12		
235.1506	2	E	11	1315.6646	658.3362
334.2190	3	V	10	1186.6220	593.8149
448.2619	4	N	9	1087.5536	544.2807
519.2991	5	A	8	973.5107	487.2593
634.3260	6	D	7	902.4736	451.7407
733.3944	7	V	6	787.4466	394.2272
832.4628	8	V	5	688.3782	344.6930
947.4898	9	D	4	589.3098	295.1588
1133.5691	10	W	3	474.2829	237.6454
1246.6532	11	I	2	288.2036	144.6057
	12	R	1	175.1195	88.0637

N-term:+35.07

AFPQKVMPPQAR, MH+ 1522.8568, m/z 508.2905
 L OSG39 P180811 230811-s1.03154.03154.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

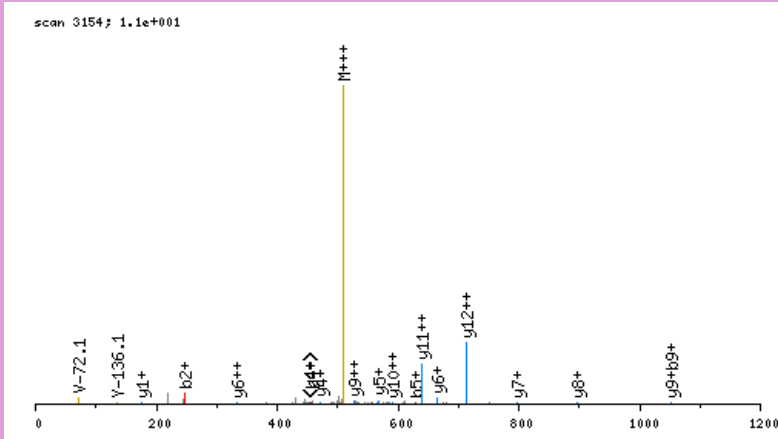
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

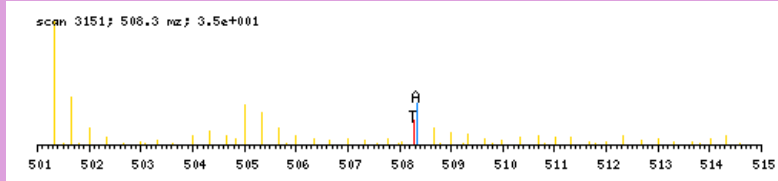
zoom 112-122

GO



click image to zoom in; 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		
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+

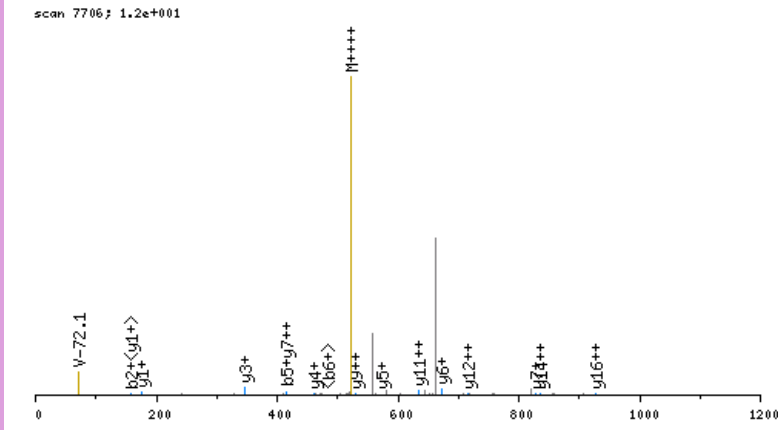
y + 2+ 3+

z + 2+ 3+

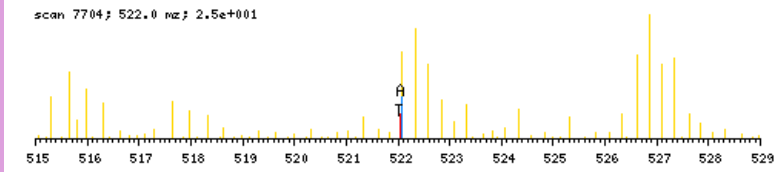
hide H₂O/NH₃

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	19		
157.0977	2	G	18	1986.0880	993.5479
228.1348	3	A	17	1929.0666	965.0372
285.1563	4	G	16	1858.0295	929.5186
414.1988	5	E	15	1801.0080	901.0079
501.2309	6	S	14	1671.9654	836.4866
657.3572	7	K	13	1584.9334	792.9706
817.3878	8	C	12	1428.8071	714.9075
914.4405	9	P	11	1268.7765	634.8922
1027.5246	10	L	10	1171.7237	586.3658
1158.5651	11	M	9	1058.6396	529.8237
1257.6335	12	V	8	927.5992	464.3035
1413.7598	13	K	7	828.5307	414.7693
1512.8282	14	V	6	672.4044	336.7061
1625.9123	15	L	5	573.3360	287.1719
1740.9392	16	D	4	460.2520	230.6299
1811.9763	17	A	3	345.2250	173.1164
1911.0448	18	V	2	274.1879	137.5979
	19	R	1	175.1195	88.0637

N-term:+29.04 K(7):+156.13
 C(8):+160.03 K(13):+156.13

AGEEAAADSPPELPR, MH+ 1375.6917, m/z 459.2354
 H OSG37 P180811 230811-s1.03241.03241.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

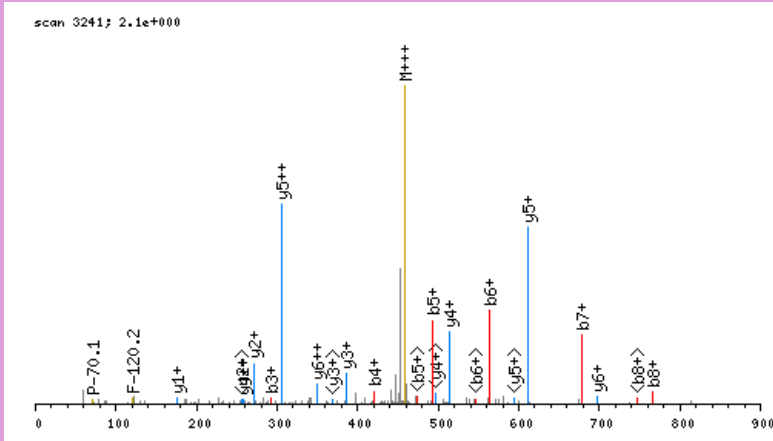
y + 2+ 3+

z + 2+ 3+

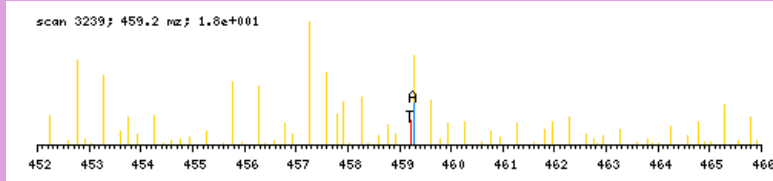
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
163.1295	2	G 12	1270.5915	635.7997
292.1721	3	E 11	1213.5701	607.2889
421.2147	4	E 10	1084.5275	542.7677
492.2518	5	A 9	955.4849	478.2464
563.2889	6	A 8	884.4478	442.7278
678.3158	7	D 7	813.4107	407.2092
765.3479	8	S 6	698.3837	349.6958
862.4006	9	P 5	611.3517	306.1798
991.4432	10	E 4	514.2989	257.6534
1104.5273	11	L 3	385.2563	193.1321
1201.5800	12	P 2	272.1723	136.5900
	13	R 1	175.1195	88.0637

N-term:+35.07

AGEFVDLYVPR, MH+ 1299.7161, m/z 650.3617
 H OSG37 P180811 230811-s1.06928.06928.2.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+

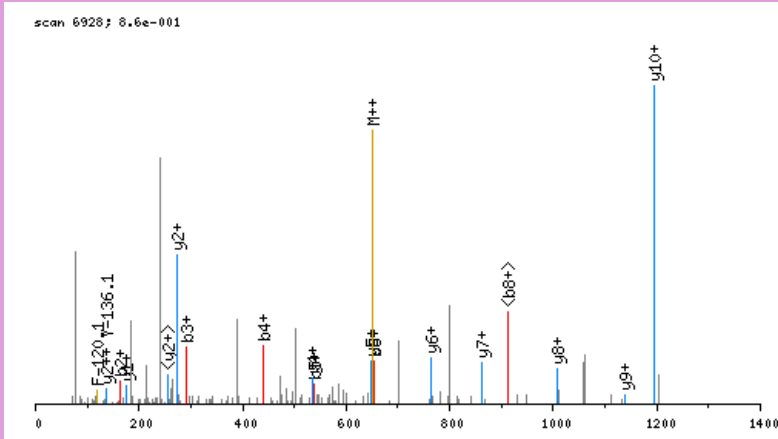
y + 2+ 3+

z + 2+ 3+

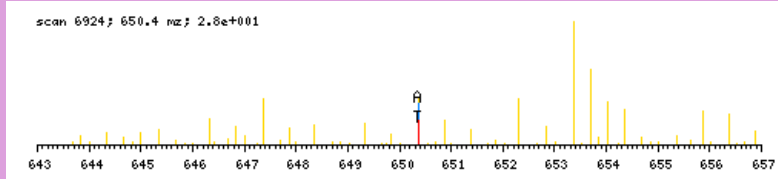
hide H₂O/NH₃

zoom 112-122

GO



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



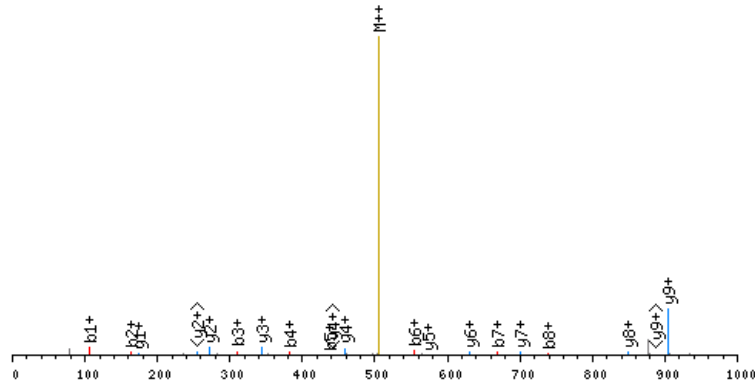
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 11		
163.1295	2	G 10	1194.6159	597.8119
292.1721	3	E 9	1137.5944	569.3011
439.2405	4	F 8	1008.5518	504.7798
538.3089	5	V 7	861.4834	431.2456
653.3358	6	D 6	762.4150	381.7114
766.4199	7	L 5	647.3881	324.1979
929.4832	8	Y 4	534.3040	267.6559
1028.5516	9	V 3	371.2407	186.1243
1125.6044	10	P 2	272.1723	136.5900
	11	R 1	175.1195	88.0637

N-term:+35.07

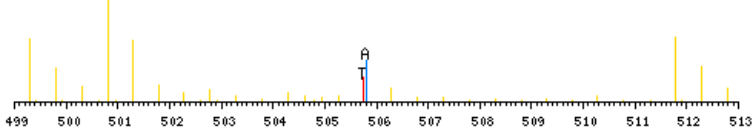
AGFAGDDAPR, MH+ 1010.5119, m/z 505.7596
 H OSG38 P180811 230811-s1.02316.02316.2.dta

scan 2316; 1.2e+001



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

scan 2314; 505.8 m/z; 5.3e+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⁺
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 OSG37 P180811 230811-s1.04690.04690.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

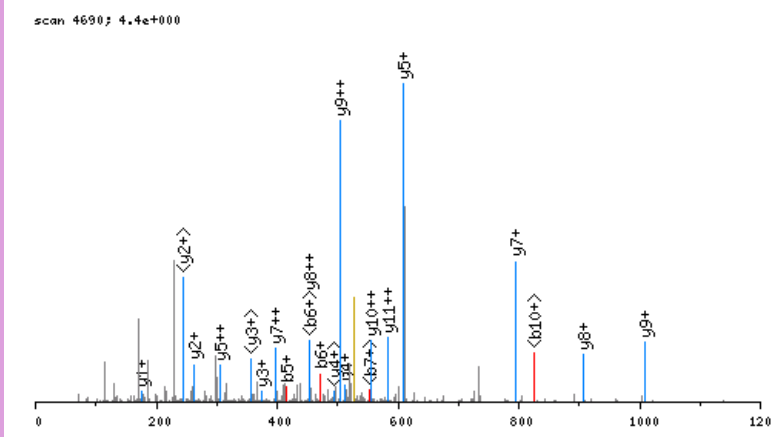
y + 2+ 3+

z + 2+ 3+

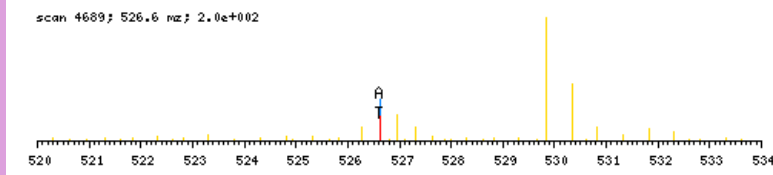
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

AGLDLNSSDNQSGGSTASKGR, MH+ 2078.0114, m/z 520.2583
 L OSG39 P180811 230811-s1.02405.02405.4.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+

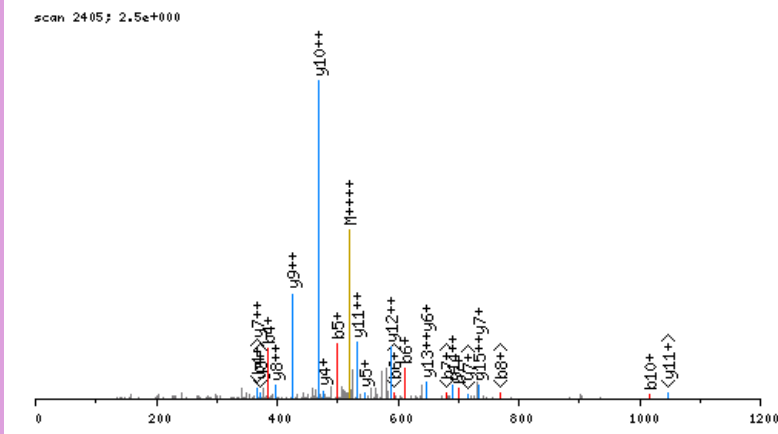
y + 2+ 3+

z + 2+ 3+

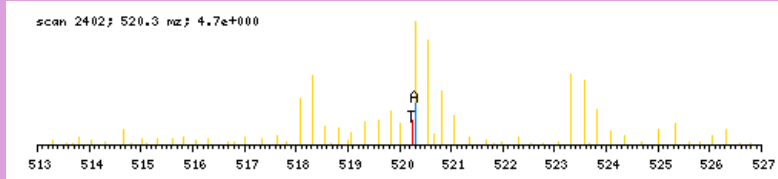
hide H₂O/NH₃

zoom 112-122

GO



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



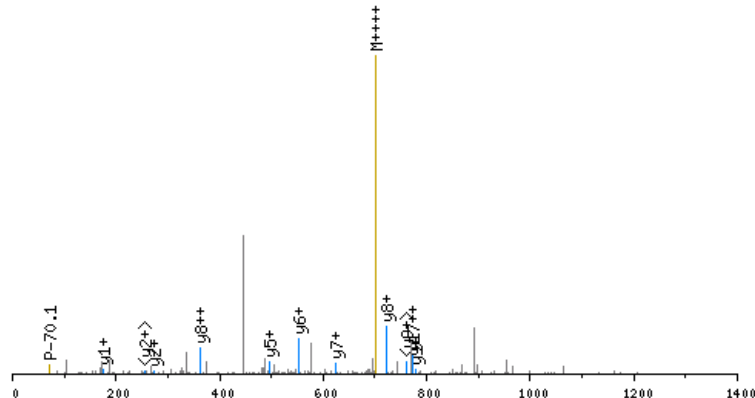
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 21		
157.0977	2	G 20	1978.9430	989.9754
270.1817	3	L 19	1921.9216	961.4647
385.2087	4	D 18	1808.8375	904.9227
498.2927	5	L 17	1693.8106	847.4092
612.3357	6	N 16	1580.7265	790.8672
699.3677	7	S 15	1466.6836	733.8457
786.3997	8	S 14	1379.6515	690.3297
901.4267	9	D 13	1292.6195	646.8137
1015.4696	10	N 12	1177.5926	589.3002
1143.5282	11	Q 11	1063.5496	532.2787
1230.5602	12	S 10	935.4911	468.2494
1287.5817	13	G 9	848.4590	424.7334
1344.6031	14	G 8	791.4376	396.2227
1431.6352	15	S 7	734.4161	367.7120
1532.6828	16	T 6	647.3841	324.1960
1603.7200	17	A 5	546.3364	273.6721
1690.7520	18	S 4	475.2993	238.1536
1846.8783	19	K 3	388.2673	194.6375
1903.8997	20	G 2	232.1410	116.5744
	21	R 1	175.1195	88.0637

N-term: +29.04 K(19): +156.13

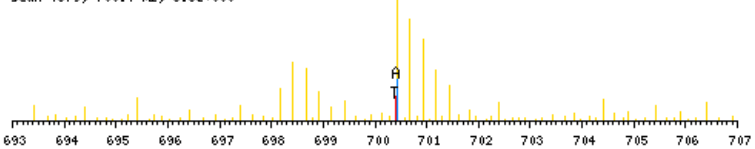
AGPPGFPGAPGPKGELGPVGNPAGPAGPR, MH+ 2798.5378, m/z 700.3899
 H OSG38 P180811 230811-s1.04583.04583.4.dta

scan 4583; 3.4e+000



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

scan 4579; 700.4 m/z; 8.3e+000



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

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 31		
163.1295	2	G 30	2693.4376	1347.2227
260.1822	3	P 29	2636.4162	1318.7120
357.2350	4	P 28	2539.3634	1270.1856
414.2565	5	G 27	2442.3106	1221.6592
561.3249	6	F 26	2385.2892	1193.1485
658.3776	7	P 25	2238.2208	1119.6143
715.3991	8	G 24	2141.1680	1071.0879
786.4362	9	A 23	2084.1465	1042.5772
883.4890	10	P 22	2013.1094	1007.0586
940.5105	11	G 21	1916.0567	958.5322
1037.5632	12	P 20	1859.0352	930.0215
1199.7213	13	K 19	1761.9824	881.4951
1256.7428	14	G 18	1599.8243	800.4161
1385.7854	15	E 17	1542.8029	771.9053
1498.8694	16	L 16	1413.7603	707.3840
1555.8909	17	G 15	1300.6762	650.8420
1652.9437	18	P 14	1243.6547	622.3313
1752.0121	19	V 13	1146.6020	573.8049
1809.0335	20	G 12	1047.5336	524.2707
1923.0765	21	N 11	990.5121	495.7600
2020.1292	22	P 10	876.4692	438.7385
2077.1507	23	G 9	779.4164	390.2121
2174.2035	24	P 8	722.3949	361.7014
2245.2406	25	A 7	625.3422	313.1750
2302.2620	26	G 6	554.3051	277.6564
2399.3148	27	P 5	497.2836	249.1457
2470.3519	28	A 4	400.2308	200.6193
2527.3734	29	G 3	329.1937	165.1008
2624.4261	30	P 2	272.1723	136.5900
	31	R 1	175.1195	88.0637

N-term:+35.07 K(13):+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+

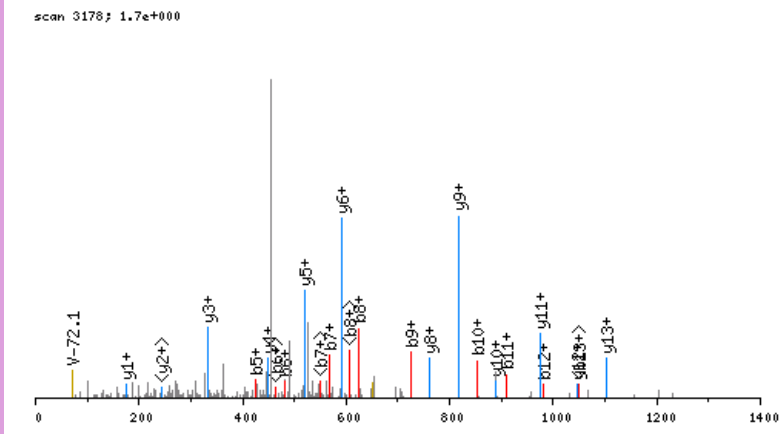
z + 2+ 3+

hide H₂O/NH₃

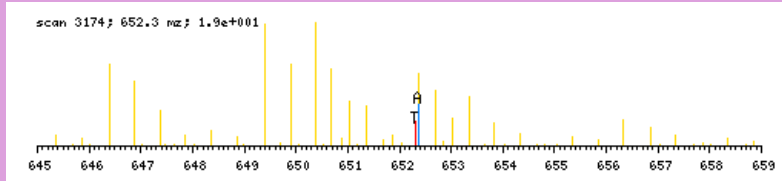
zoom 112-122

GO

AGSSSGSGVQGASAGGLAADASR, MH+ 1954.9642, m/z 652.3263
 H OSG37 P180811 230811-s1.03178.03178.3.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⁺
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+ 1776.9244, m/z 592.9797
 L OSG40 P180811 230811-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+

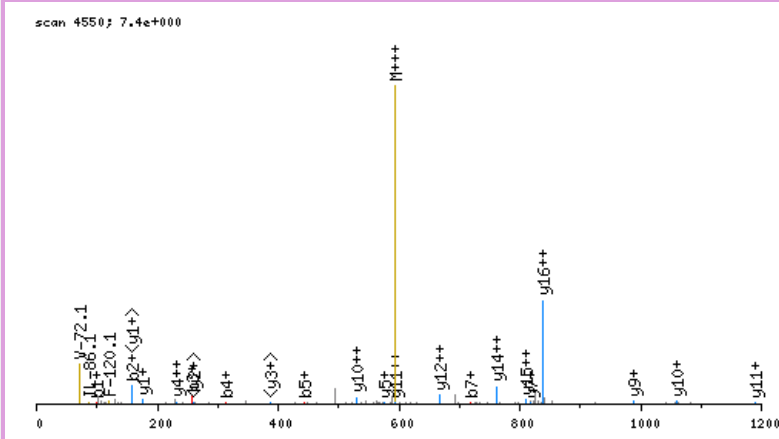
y + 2+ 3+

z + 2+ 3+

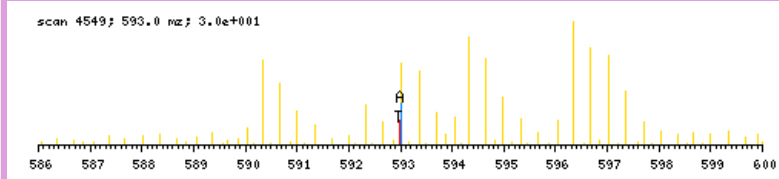
hide H₂O/NH₃

zoom 112-122

GO



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



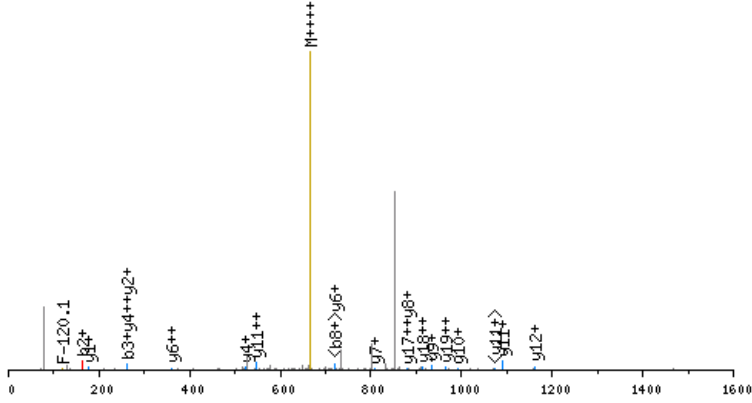
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
100.0762	1	A	17		
157.0977	2	G	16	1677.8561	839.4319
256.1661	3	V	15	1620.8346	810.9212
313.1876	4	G	14	1521.7662	761.3870
442.2301	5	E	13	1464.7447	732.8763
589.2986	6	F	12	1335.7021	668.3550
718.3412	7	E	11	1188.6337	594.8208
789.3783	8	A	10	1059.5911	530.2995
846.3997	9	G	9	988.5540	494.7809
959.4838	10	I	8	931.5325	466.2702
1046.5158	11	S	7	818.4485	409.7282
1202.6421	12	K	6	731.4164	366.2121
1316.6851	13	N	5	575.2901	288.1490
1373.7065	14	G	4	461.2472	231.1275
1501.7651	15	Q	3	404.2258	202.6168
1602.8128	16	T	2	276.1672	138.5875
	17	R	1	175.1195	88.0637

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

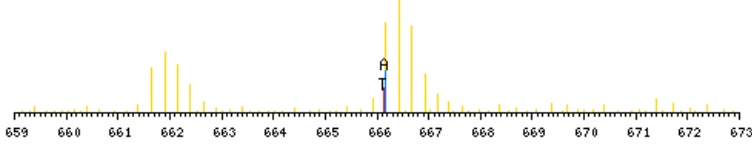
AGVSDGSEVAKAQAAPGGASPTIFSR, MH+ 2661.5061, m/z 666.1320
 H OSG40 P180811 230811-s1.05383.05383.4.dta

scan 5383; 7.5e+000



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

scan 5379; 666.1 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

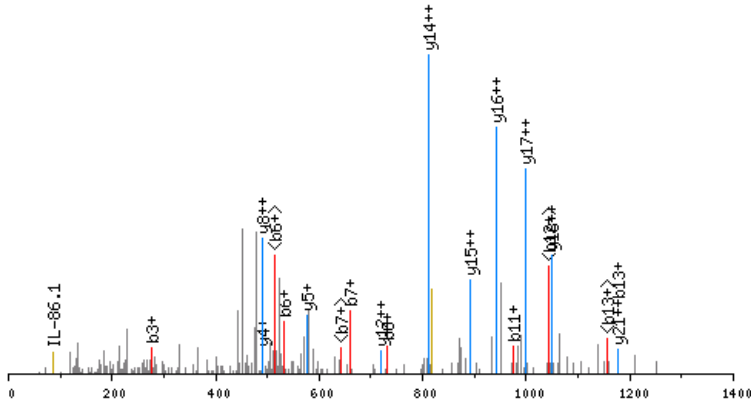
GO

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 27		
163.1295	2	G 26	2556.4059	1278.7068
262.1979	3	V 25	2499.3844	1250.1961
349.2299	4	S 24	2400.3160	1200.6619
464.2569	5	D 23	2313.2840	1157.1459
521.2783	6	G 22	2198.2570	1099.6324
608.3104	7	S 21	2141.2356	1071.1217
737.3529	8	E 20	2054.2035	1027.6057
836.4214	9	V 19	1925.1609	963.0844
907.4585	10	A 18	1826.0925	913.5502
1069.6166	11	K 17	1755.0554	878.0316
1140.6537	12	A 16	1592.8973	796.9526
1268.7123	13	Q 15	1521.8602	761.4340
1430.8704	14	K 14	1393.8016	697.4047
1501.9075	15	A 13	1231.6435	616.3257
1572.9446	16	A 12	1160.6064	580.8071
1669.9974	17	P 11	1089.5693	545.2886
1727.0188	18	G 10	992.5165	496.7622
1784.0403	19	G 9	935.4951	468.2514
1855.0774	20	A 8	878.4736	439.7407
1942.1094	21	S 7	807.4365	404.2222
2039.1622	22	P 6	720.4044	360.7061
2140.2099	23	T 5	623.3517	312.1798
2253.2939	24	I 4	522.3040	261.6559
2400.3623	25	F 3	409.2199	205.1139
2487.3944	26	S 2	262.1515	131.5797
	27	R 1	175.1195	88.0637

N-term: +35.07 K(11) : +162.16
 K(14) : +162.16

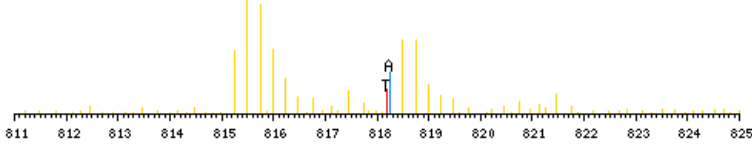
AIGPSAQASTGSLVITCPSNLNLDLKESNNR, MH+ 3269.7072, m/z 818.1822
 H OSG38 P180811 230811-s1.06305.06305.4.dta

scan 6305; 6.9e-001



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

scan 6304; 818.2 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

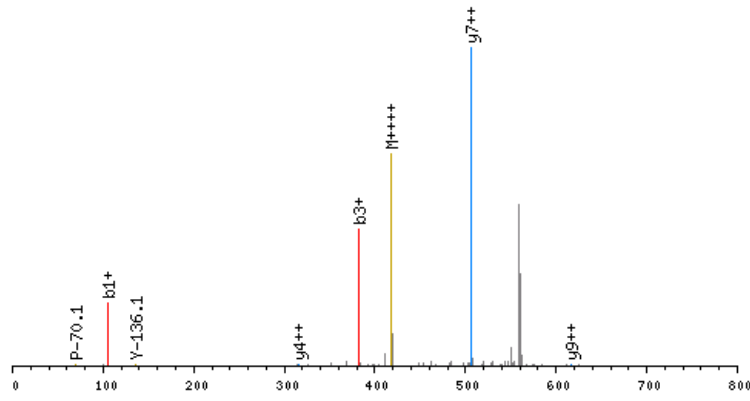
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
106.1080	1	A	31		
219.1921	2	I	30	3164.6070	1582.8074
276.2135	3	G	29	3051.5229	1526.2654
373.2663	4	P	28	2994.5014	1497.7546
460.2983	5	S	27	2897.4487	1449.2283
531.3354	6	A	26	2810.4166	1405.7122
659.3940	7	Q	25	2739.3795	1370.1937
730.4311	8	A	24	2611.3210	1306.1644
817.4632	9	S	23	2540.2838	1270.6458
918.5108	10	T	22	2453.2518	1227.1298
975.5323	11	G	21	2352.2041	1176.6060
1062.5643	12	S	20	2295.1827	1148.0952
1175.6484	13	L	19	2208.1506	1104.5792
1274.7168	14	V	18	2095.0666	1048.0372
1387.8009	15	I	17	1995.9982	998.5030
1488.8486	16	T	16	1882.9141	941.9610
1648.8792	17	C	15	1781.8664	891.4371
1745.9319	18	P	14	1621.8358	811.4218
1832.9640	19	S	13	1524.7831	762.8954
1947.0069	20	N	12	1437.7510	719.3794
2060.0909	21	L	11	1323.7081	662.3580
2174.1339	22	N	10	1210.6240	605.8159
2289.1608	23	D	9	1096.5811	548.7945
2402.2449	24	L	8	981.5542	491.2810
2564.4030	25	K	7	868.4701	434.7390
2693.4456	26	E	6	706.3120	353.6599
2780.4776	27	S	5	577.2694	289.1386
2867.5096	28	S	4	490.2374	245.6226
2981.5526	29	N	3	403.2054	202.1066
3095.5955	30	N	2	289.1624	145.0851
	31	R	1	175.1195	88.0637

N-term:+35.07 C(17):+160.03
 K(25):+162.16

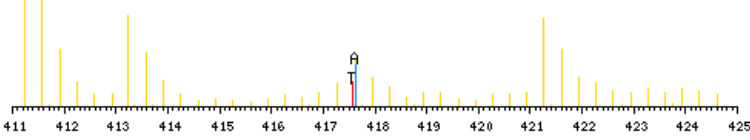
AIKGGKAFKMKR, MH+ 1667.2832, m/z 417.5763
 H OSG40 P180811 230811-s1.02985.02985.4.dta

scan 2985; 1.2e+001



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

scan 2984; 417.6 nz; 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

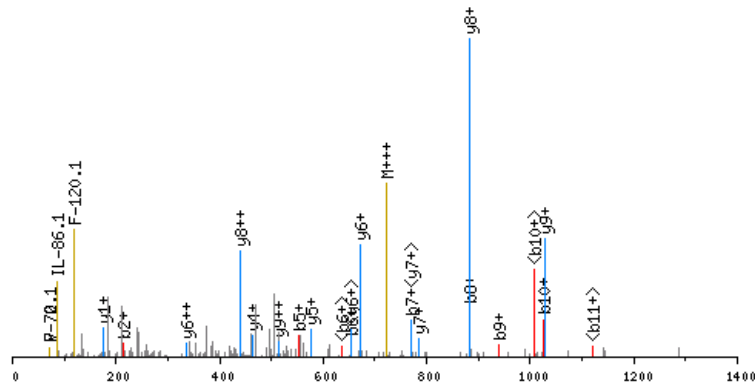
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
106.1080	1	A	13		
219.1921	2	I	12	1562.1830	781.5954
381.3502	3	K	11	1449.0989	725.0534
438.3716	4	G	10	1286.9408	643.9743
495.3931	5	G	9	1229.9194	615.4636
657.5512	6	K	8	1172.8979	586.9529
819.7093	7	K	7	1010.7398	505.8738
890.7464	8	A	6	848.5817	424.7948
1037.8148	9	F	5	777.5446	389.2762
1199.9729	10	K	4	630.4762	315.7420
1331.0134	11	M	3	468.3181	234.6630
1493.1715	12	K	2	337.2776	169.1427
	13	R	1	175.1195	88.0637

N-term:+35.07 K(3):+162.16
 K(6):+162.16 K(7):+162.16
 K(10):+162.16 K(12):+162.16

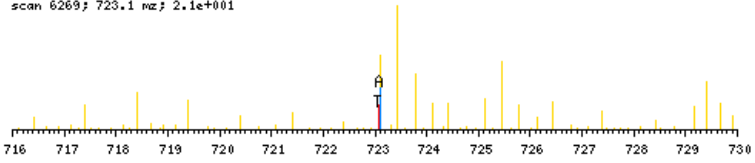
AIPENTNIGSLFPIPLATDR, MH+ 2167.1763, m/z 723.0636
 L OSG36 P180811 230811-s1.06273.06273.3.dta

scan 6273; 1.4e+000



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

scan 6269; 723.1 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

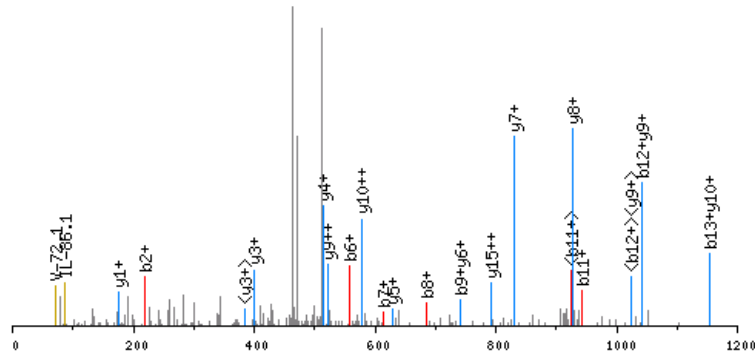
GO

b ⁺	#	AA #	y ⁺	y ²⁺
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

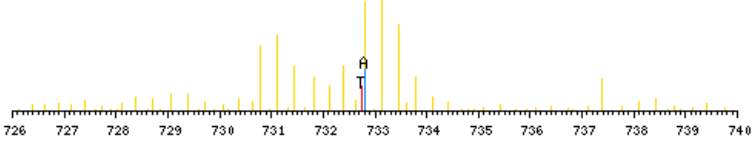
AIPGLAGAGNSVLLVSNLNPER, MH+ 2196.2564, m/z 732.7570
 H OSG36 P180811 230811-s1.06083.06083.3.dta

scan 6083; 1.2e+000



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

scan 6079; 732.8 nz; 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⁺
106.1080	1	A 22		
219.1921	2	I 21	2091.1562	1046.0820
316.2448	3	P 20	1978.0722	989.5400
373.2663	4	G 19	1881.0194	941.0136
486.3504	5	L 18	1823.9979	912.5029
557.3875	6	A 17	1710.9139	855.9608
614.4089	7	G 16	1639.8768	820.4423
685.4461	8	A 15	1582.8553	791.9316
742.4675	9	G 14	1511.8182	756.4130
856.5105	10	N 13	1454.7967	727.9023
943.5425	11	S 12	1340.7538	670.8808
1042.6109	12	V 11	1253.7218	627.3648
1155.6950	13	L 10	1154.6533	577.8306
1268.7790	14	L 9	1041.5693	521.2886
1367.8474	15	V 8	928.4852	464.7465
1454.8795	16	S 7	829.4168	415.2123
1568.9224	17	N 6	742.3848	371.6963
1682.0065	18	L 5	628.3418	314.6748
1796.0494	19	N 4	515.2578	258.1328
1893.1021	20	P 3	401.2149	201.1113
2022.1447	21	E 2	304.1621	152.5850
	22	R 1	175.1195	88.0637

N-term:+35.07

AISEAAAQYNPEPPPPR, MH+ 1841.9610, m/z 614.6585
 H OSG37 P180811 230811-s1.04187.04187.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

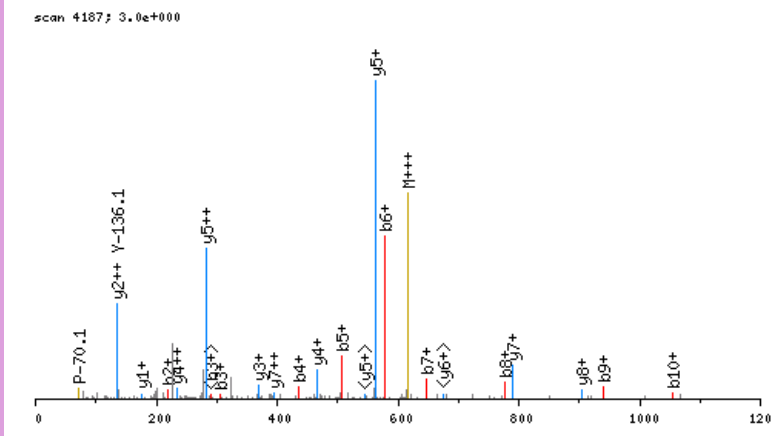
y + 2+ 3+

z + 2+ 3+

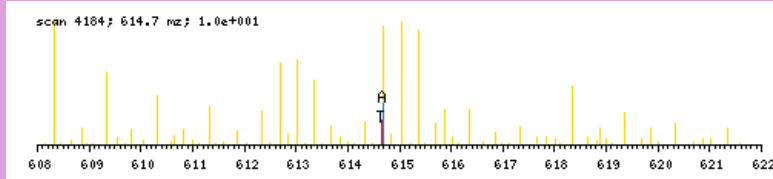
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

AIYFKEQFLDGDWTNR, MH+ 2130.0660, m/z 710.6935
 L OSG39 P180811 230811-s1.07153.07153.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

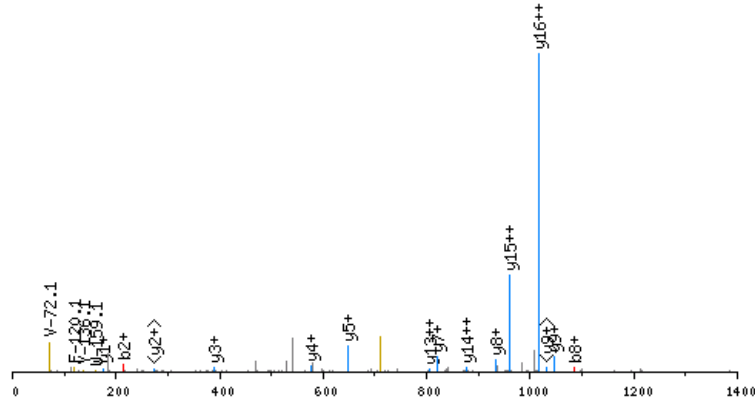
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

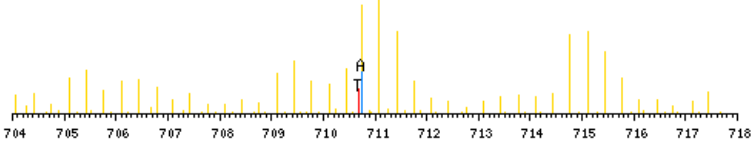
GO

scan 7153; 5.1e+000



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

scan 7151; 710.7 m/z; 1.5e+001



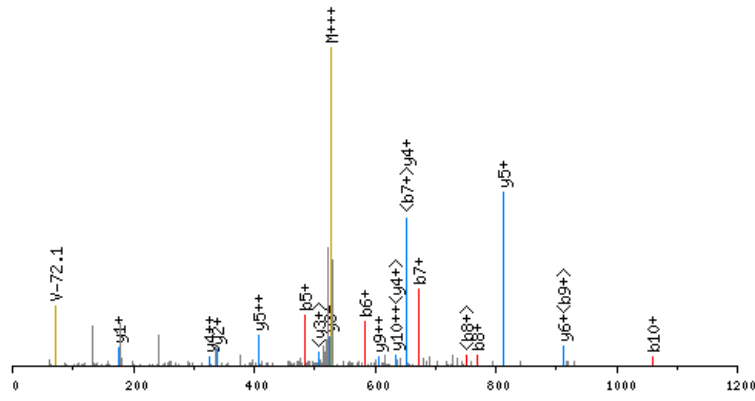
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
100.0762	1	A	17		
213.1603	2	I	16	2030.9976	1016.0027
376.2236	3	Y	15	1917.9136	959.4607
523.2920	4	F	14	1754.8502	877.9290
679.4183	5	K	13	1607.7818	804.3948
808.4609	6	E	12	1451.6555	726.3317
936.5195	7	Q	11	1322.6129	661.8104
1083.5879	8	F	10	1194.5544	597.7811
1196.6720	9	L	9	1047.4859	524.2469
1311.6989	10	D	8	934.4019	467.7049
1368.7204	11	G	7	819.3749	410.1914
1483.7473	12	D	6	762.3535	381.6807
1554.7844	13	A	5	647.3265	324.1672
1740.8637	14	W	4	576.2894	288.6486
1841.9114	15	T	3	390.2101	195.6090
1955.9544	16	N	2	289.1624	145.0851
	17	R	1	175.1195	88.0637

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

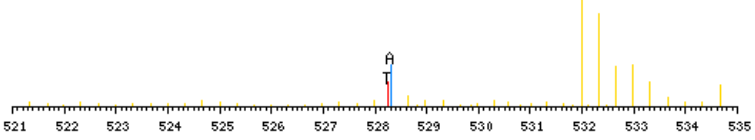
AKGGDVSVCWEYR, MH+ 1582.7688, m/z 528.2611
 L OSG40 P180811 230811-s1.05025.05025.3.dta

scan 5025; 1.6e+000



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

scan 5024; 528.3 nz; 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⁺
100.0762	1	A 13		
256.2025	2	K 12	1483.7004	742.3541
313.2240	3	G 11	1327.5741	664.2909
370.2454	4	G 10	1270.5526	635.7802
485.2724	5	D 9	1213.5311	607.2695
584.3408	6	V 8	1098.5042	549.7560
671.3728	7	S 7	999.4358	500.2218
770.4412	8	V 6	912.4037	456.7058
930.4718	9	C 5	813.3353	407.1716
1059.5144	10	E 4	653.3047	327.1563
1245.5937	11	W 3	524.2621	262.6350
1408.6571	12	Y 2	338.1828	169.5953
	13	R 1	175.1195	88.0637

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

AKLPSSSLVDR, MH+ 1353.8742, m/z 451.9629
 H OSG40 P180811 230811-s1.05113.05113.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

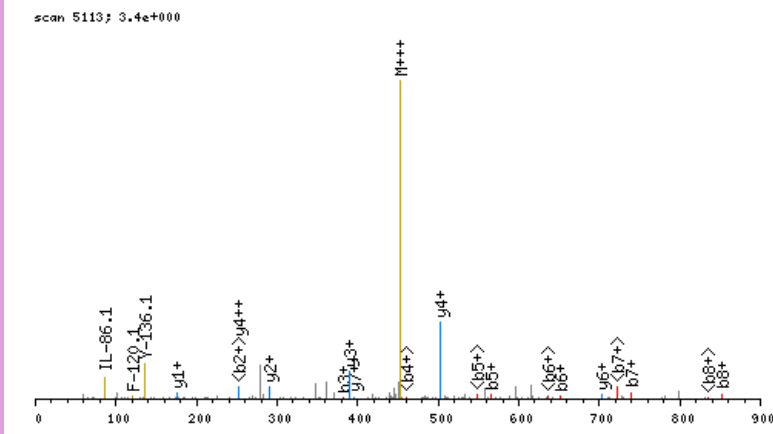
y + 2+ 3+

z + 2+ 3+

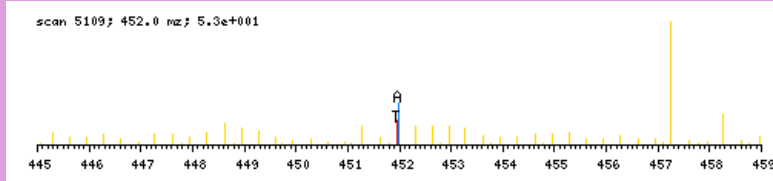
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
268.2661	2	K 11	1248.7740	624.8909
381.3502	3	L 10	1086.6159	543.8119
478.4029	4	P 9	973.5318	487.2698
565.4350	5	S 8	876.4791	438.7434
652.4670	6	S 7	789.4470	395.2274
739.4990	7	S 6	702.4150	351.7114
852.5831	8	L 5	615.3830	308.1954
965.6672	9	L 4	502.2989	251.6534
1064.7356	10	V 3	389.2149	195.1113
1179.7625	11	D 2	290.1464	145.5771
	12	R 1	175.1195	88.0637

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

AKVNPDEVGGEALGR, MH+ 1567.8444, m/z 523.2863
 L OSG40 P180811 230811-s1.03595.03595.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

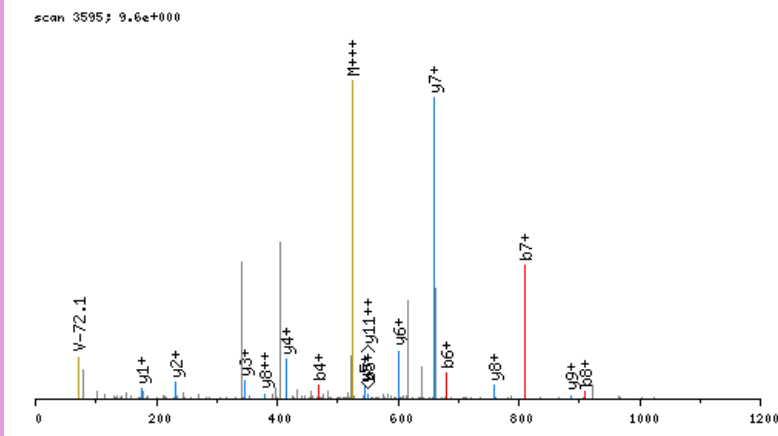
y + 2+ 3+

z + 2+ 3+

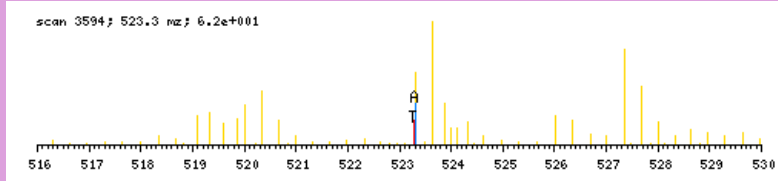
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

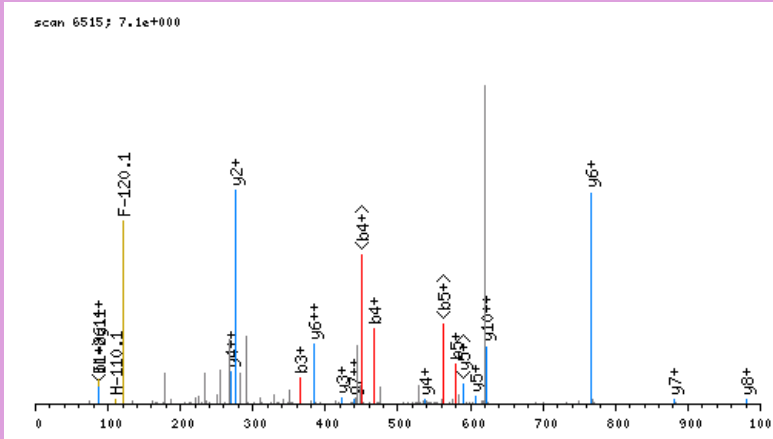
y + 2+ 3+

z + 2+ 3+

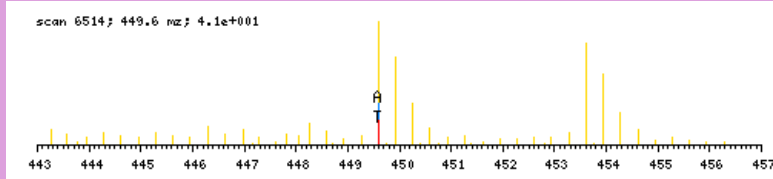
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
219.1921	2	L 10	1241.6716	621.3397
366.2605	3	F 9	1128.5875	564.7977
467.3082	4	T 8	981.5191	491.2635
580.3922	5	L 7	880.4714	440.7396
740.4228	6	C 6	767.3874	384.1976
811.4599	7	A 5	607.3568	304.1823
924.5440	8	L 4	536.3197	268.6637
1071.6124	9	F 3	423.2356	212.1217
1172.6601	10	T 2	276.1672	138.5875
	11	R 1	175.1195	88.0637

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

ALNEDTQDELGDPR, MH+ 1606.7772, m/z 536.2639
 H OSG37 P180811 230811-s1.03736.03736.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

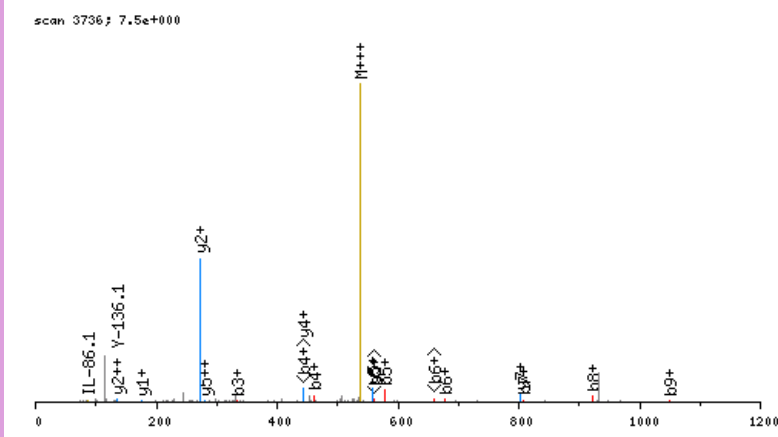
y + 2+ 3+

z + 2+ 3+

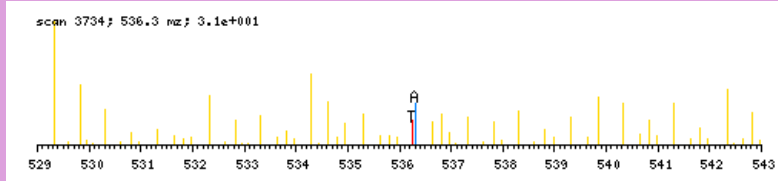
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

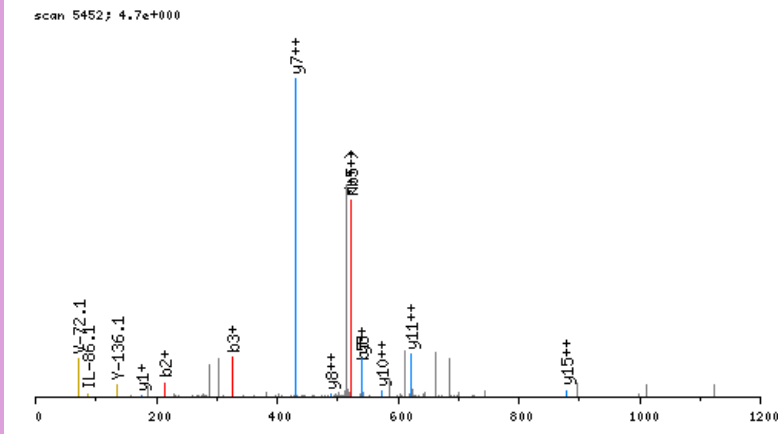
y + 2+ 3+

z + 2+ 3+

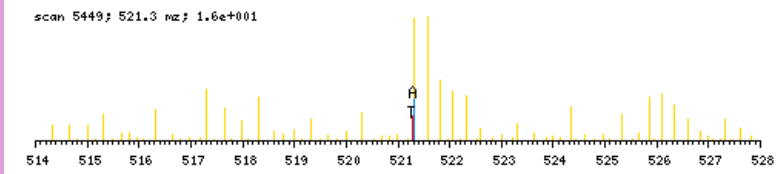
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	L	17	1983.0704	992.0391
327.2032	3	N	16	1869.9864	935.4971
424.2560	4	P	15	1755.9435	878.4756
539.2829	5	D	14	1658.8907	829.9493
686.3513	6	F	13	1543.8637	772.4358
842.4776	7	K	12	1396.7953	698.9016
939.5304	8	P	11	1240.6690	620.8384
1036.5832	9	P	10	1143.6163	572.3120
1107.6203	10	A	9	1046.5635	523.7857
1222.6472	11	D	8	975.5264	488.2671
1385.7105	12	Y	7	860.4994	430.7536
1541.8368	13	K	6	697.4361	349.2220
1638.8896	14	P	5	541.3098	271.1588
1735.9424	15	P	4	444.2571	222.6324
1806.9795	16	A	3	347.2043	174.1061
1908.0272	17	T	2	276.1672	138.5875
	18	R	1	175.1195	88.0637

N-term:+29.04 K(7):+156.13
 K(13):+156.13

ALPADPPASVVVGPVVVPR, MH+ 1868.1009, m/z 623.3718
 L OSG36 P180811 230811-s1.05262.05262.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

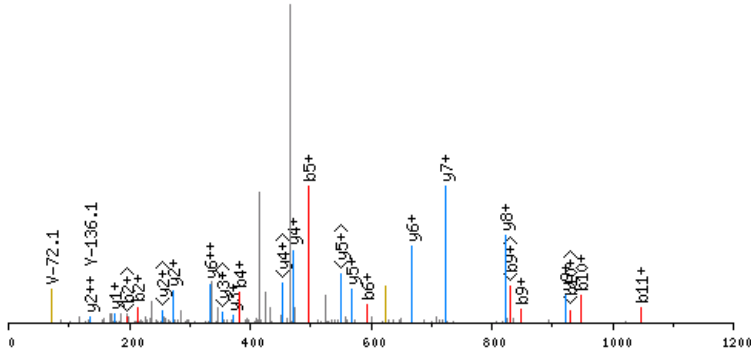
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

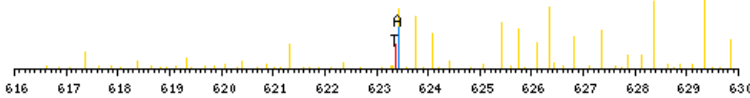
GO

scan 5262; 2.0e+000



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

scan 5259; 623.4 m/z; 8.9e+000



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

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 19		
213.1603	2	L 18	1769.0325	885.0202
310.2130	3	P 17	1655.9485	828.4781
381.2502	4	A 16	1558.8957	779.9518
496.2771	5	D 15	1487.8586	744.4332
593.3299	6	P 14	1372.8316	686.9197
690.3826	7	P 13	1275.7789	638.3934
761.4197	8	A 12	1178.7261	589.8670
848.4518	9	S 11	1107.6890	554.3484
947.5202	10	V 10	1020.6570	510.8324
1046.5886	11	V 9	921.5886	461.2982
1145.6570	12	V 8	822.5201	411.7640
1202.6785	13	G 7	723.4517	362.2298
1299.7312	14	P 6	666.4303	333.7190
1398.7997	15	V 5	569.3775	285.1927
1497.8681	16	V 4	470.3091	235.6585
1596.9365	17	V 3	371.2407	186.1243
1693.9892	18	P 2	272.1723	136.5900
	19	R 1	175.1195	88.0637

N-term:+29.04

ALSEASQTDPSPGPPR, MH+ 1643.8453, m/z 548.6199
 H OSG37 P180811 230811-s1.02581.02581.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

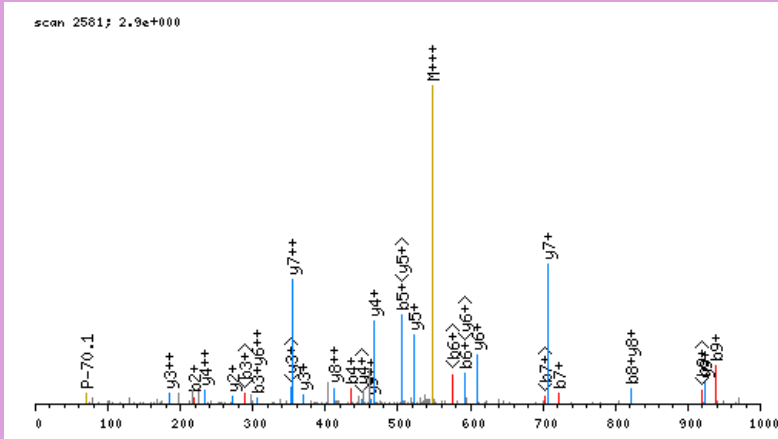
y + 2+ 3+

z + 2+ 3+

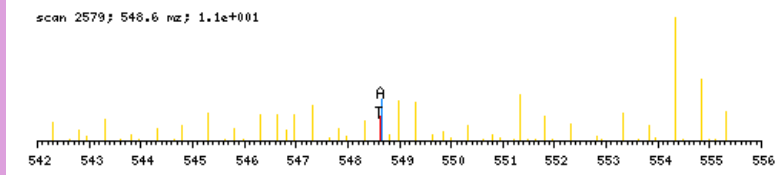
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
219.1921	2	L 15	1538.7451	769.8765
306.2241	3	S 14	1425.6610	713.3344
435.2667	4	E 13	1338.6290	669.8184
506.3038	5	A 12	1209.5864	605.2971
593.3358	6	S 11	1138.5493	569.7786
721.3944	7	Q 10	1051.5172	526.2625
822.4421	8	T 9	923.4587	462.2332
937.4690	9	D 8	822.4110	411.7094
1034.5218	10	P 7	707.3840	354.1959
1121.5538	11	S 6	610.3313	305.6696
1178.5753	12	G 5	523.2993	262.1535
1275.6281	13	P 4	466.2778	233.6428
1372.6808	14	P 3	369.2250	185.1164
1469.7336	15	P 2	272.1723	136.5900
	16	R 1	175.1195	88.0637

N-term:+35.07

ALVNDPQPEHPLR, MH+ 1513.8127, m/z 505.2757
 L OSG40 P180811 230811-s1.03460.03460.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

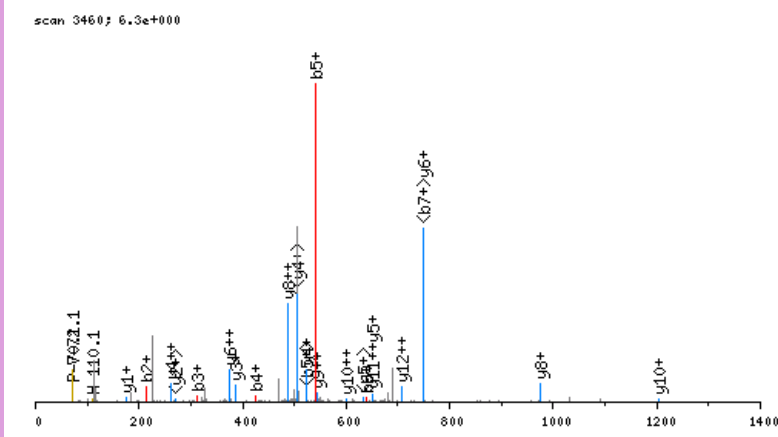
y + 2+ 3+

z + 2+ 3+

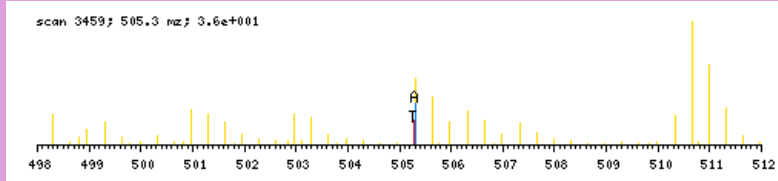
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

ALYDASFETKESR, MH+ 1572.7910, m/z 524.9352
 L OSG40 P180811 230811-s1.04557.04557.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

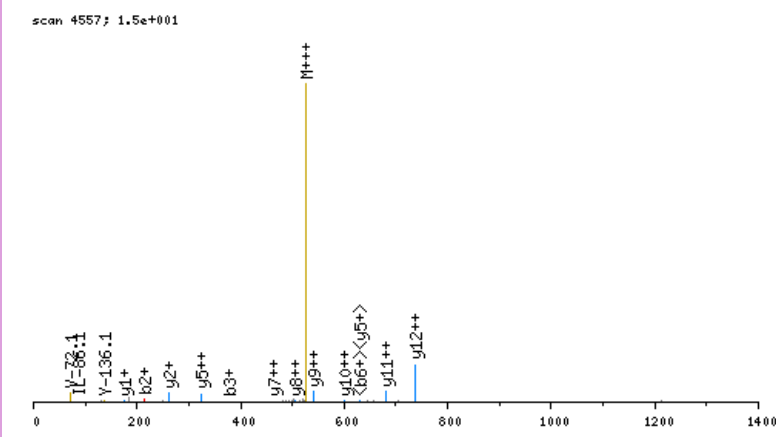
y + 2+ 3+

z + 2+ 3+

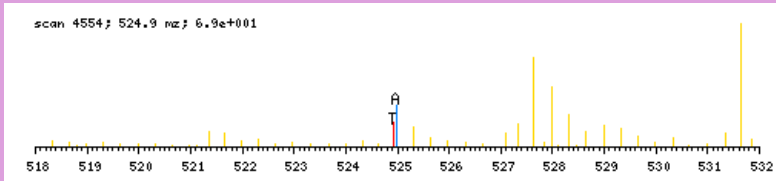
hide H₂O/NH₃

zoom 112-122

GO



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

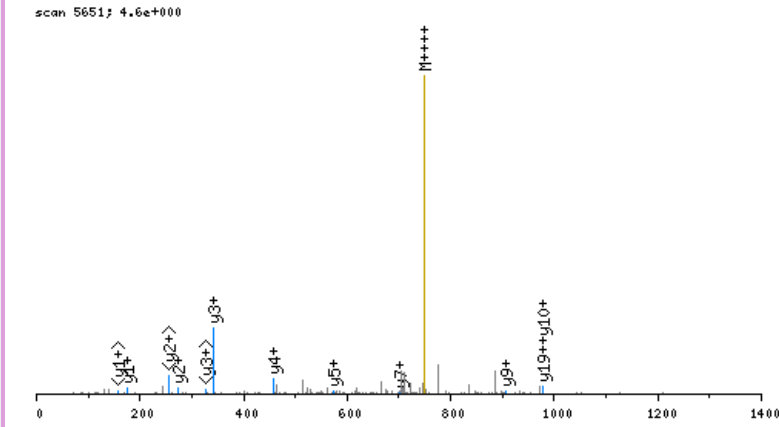


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

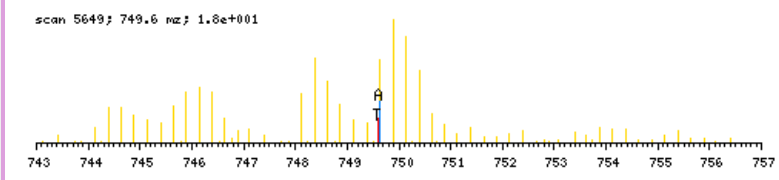
b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 13		
213.1603	2	L 12	1473.7226	737.3652
376.2236	3	Y 11	1360.6385	680.8232
491.2505	4	D 10	1197.5752	599.2915
562.2877	5	A 9	1082.5483	541.7780
649.3197	6	S 8	1011.5111	506.2595
796.3881	7	F 7	924.4791	462.7435
925.4307	8	E 6	777.4107	389.2093
1026.4784	9	T 5	648.3681	324.6880
1182.6047	10	K 4	547.3204	274.1641
1311.6473	11	E 3	391.1941	196.1010
1398.6793	12	S 2	262.1515	131.5797
	13	R 1	175.1195	88.0637

N-term:+29.04 K(10):+156.13

AMDDDIAALVVDNNGSMCKAGFAGDDAPR, MH+ 2995.3599, m/z 749.5954
 L OSG36 P180811 230811-s1.05651.05651.4.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⁺
100.0762	1	A 29		
231.1167	2	M 28	2896.2915	1448.6497
346.1436	3	D 27	2765.2511	1383.1294
461.1706	4	D 26	2650.2241	1325.6160
576.1975	5	D 25	2535.1972	1268.1025
689.2816	6	I 24	2420.1702	1210.5890
760.3187	7	A 23	2307.0862	1154.0470
831.3558	8	A 22	2236.0491	1118.5284
944.4399	9	L 21	2165.0119	1083.0099
1043.5083	10	V 20	2051.9279	1026.4678
1142.5767	11	V 19	1952.8595	976.9336
1257.6037	12	D 18	1853.7910	927.3994
1371.6466	13	N 17	1738.7641	869.8860
1428.6680	14	G 16	1624.7212	812.8645
1515.7001	15	S 15	1567.6997	784.3538
1572.7215	16	G 14	1480.6677	740.8378
1703.7620	17	M 13	1423.6462	712.3270
1863.7926	18	C 12	1292.6057	646.8068
2019.9189	19	K 11	1132.5751	566.7915
2090.9560	20	A 10	976.4488	488.7283
2147.9775	21	G 9	905.4117	453.2098
2295.0459	22	F 8	848.3903	424.6990
2366.0830	23	A 7	701.3218	351.1648
2423.1045	24	G 6	630.2847	315.6463
2538.1314	25	D 5	573.2633	287.1355
2653.1584	26	D 4	458.2363	229.6221
2724.1955	27	A 3	343.2094	172.1086
2821.2483	28	P 2	272.1723	136.5900
	29	R 1	175.1195	88.0637

N-term: +29.04 C(18): +160.03
 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

AMEGPWKTVAIAADR, MH+ 1683.9528, m/z 561.9891
 H OSG39 P180811 230811-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+

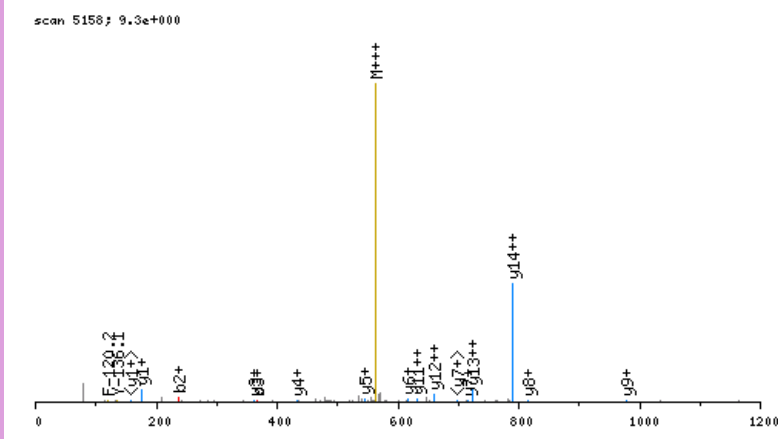
y + 2+ 3+

z + 2+ 3+

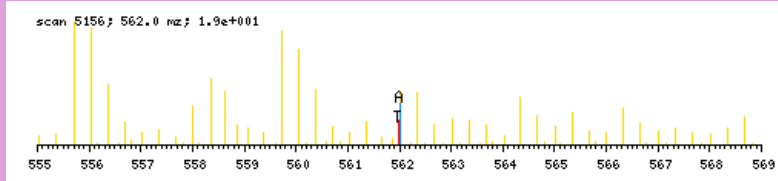
hide H₂O/NH₃

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 15		
237.1485	2	M 14	1578.8527	789.9302
366.1911	3	E 13	1447.8122	724.4100
423.2126	4	G 12	1318.7696	659.8887
520.2653	5	P 11	1261.7481	631.3780
706.3446	6	W 10	1164.6954	582.8516
868.5027	7	K 9	978.6160	489.8119
969.5504	8	T 8	816.4579	408.7329
1068.6188	9	V 7	715.4103	358.2090
1139.6559	10	A 6	616.3418	308.6748
1252.7400	11	I 5	545.3047	273.1563
1323.7771	12	A 4	432.2207	216.6142
1394.8142	13	A 3	361.1836	181.0957
1509.8412	14	D 2	290.1464	145.5771
	15	R 1	175.1195	88.0637

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

AMSTTSVTSSQPGKLR, MH+ 1706.9111, m/z 569.6419
 L OSG39 P180811 230811-s1.02614.02614.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

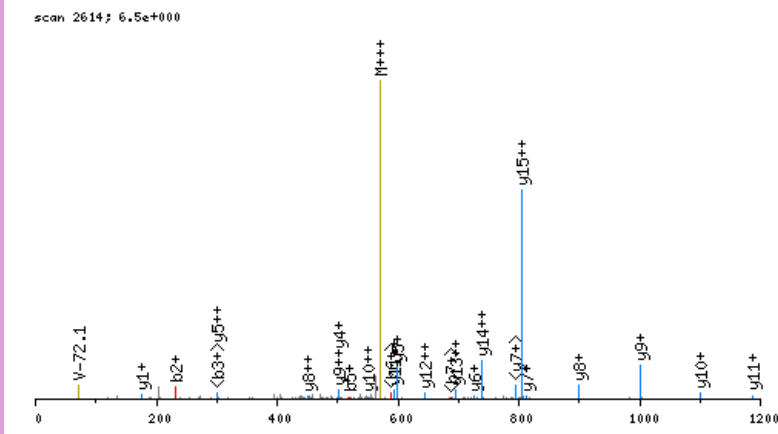
y + 2+ 3+

z + 2+ 3+

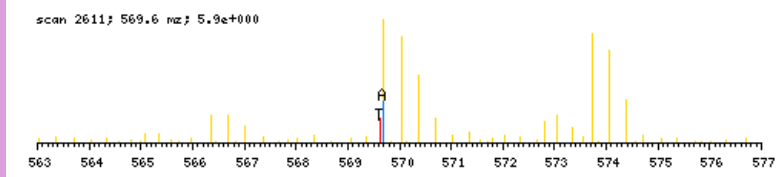
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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+ 1452.7851, m/z 484.9332
 L OSG40 P180811 230811-s1.08360.08360.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

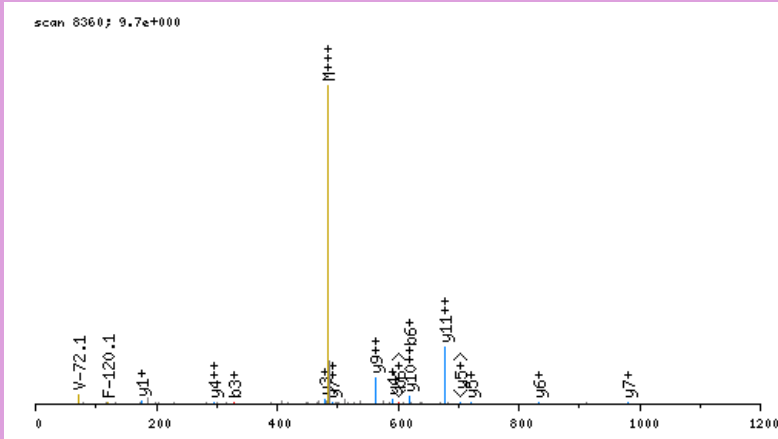
y + 2+ 3+

z + 2+ 3+

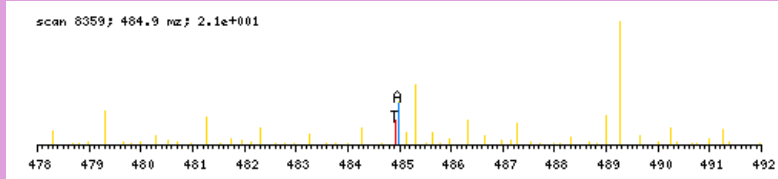
hide H₂O/NH₃

zoom 112-122

GO



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



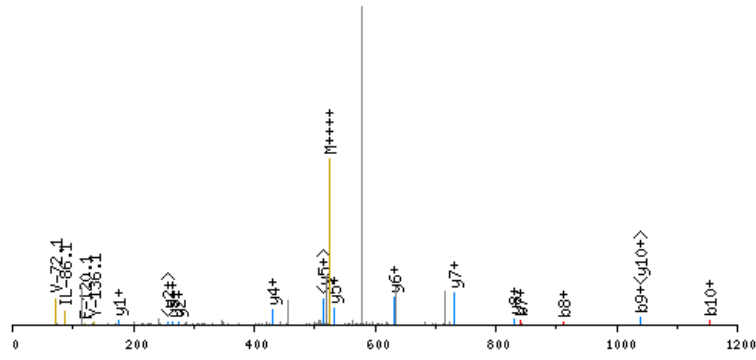
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 12		
214.1191	2	N 11	1353.7167	677.3623
329.1461	3	D 10	1239.6738	620.3408
386.1675	4	G 9	1124.6468	562.8273
473.1996	5	S 8	1067.6254	534.3166
620.2680	6	F 7	980.5933	490.8006
733.3521	7	L 6	833.5249	417.2664
862.3946	8	E 5	720.4409	360.7243
975.4787	9	L 4	591.3983	296.2031
1122.5471	10	F 3	478.3142	239.6610
1278.6734	11	K 2	331.2458	166.1268
	12	R 1	175.1195	88.0637

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

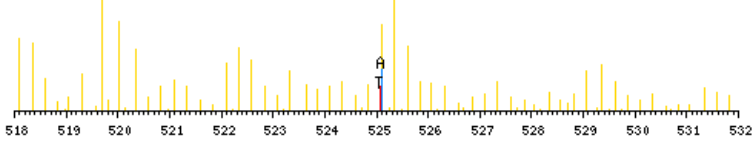
ANKTVEEAENIVVTTGVVR, MH+ 2097.2192, m/z 525.0602
 H OSG39 P180811 230811-s1.05933.05933.4.dta

scan 5933; 5.0e+000



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

scan 5931; 525.1 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⁺
106.1080	1	A	19		
220.1509	2	N	18	1992.1190	996.5634
382.3090	3	K	17	1878.0761	939.5419
483.3567	4	T	16	1715.9180	858.4629
582.4251	5	V	15	1614.8703	807.9391
711.4677	6	E	14	1515.8019	758.4048
840.5103	7	E	13	1386.7593	693.8835
911.5474	8	A	12	1257.7167	629.3623
1040.5900	9	E	11	1186.6796	593.8437
1154.6330	10	N	10	1057.6370	529.3224
1267.7170	11	I	9	943.5940	472.3009
1366.7854	12	V	8	830.5100	415.7589
1465.8538	13	V	7	731.4416	366.2247
1566.9015	14	T	6	632.3731	316.6905
1667.9492	15	T	5	531.3255	266.1666
1724.9707	16	G	4	430.2778	215.6428
1824.0391	17	V	3	373.2563	187.1321
1923.1075	18	V	2	274.1879	137.5979
	19	R	1	175.1195	88.0637

N-term:+35.07 K(3):+162.16

ANNVMSGTTMYPGIADR, MH+ 1888.9109, m/z 630.3085
 H OSG37 P180811 230811-s1.05451.05451.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

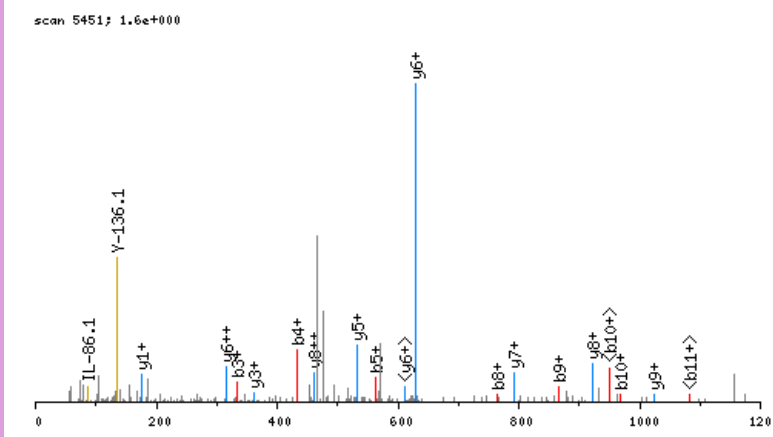
y + 2+ 3+

z + 2+ 3+

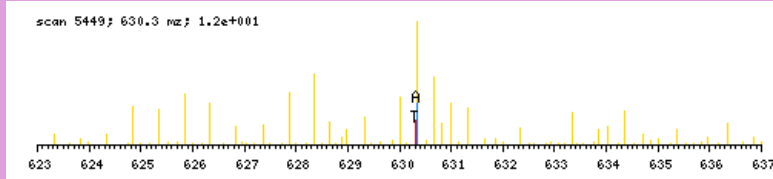
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
220.1509	2	N 17	1783.8107	892.4093
334.1939	3	N 16	1669.7678	835.3878
433.2623	4	V 15	1555.7249	778.3663
564.3028	5	M 14	1456.6565	728.8321
651.3348	6	S 13	1325.6160	663.3119
708.3563	7	G 12	1238.5839	619.7959
765.3777	8	G 11	1181.5625	591.2852
866.4254	9	T 10	1124.5410	562.7744
967.4731	10	T 9	1023.4933	512.2506
1098.5136	11	M 8	922.4457	461.7267
1261.5769	12	Y 7	791.4052	396.2065
1358.6297	13	P 6	628.3418	314.6748
1415.6511	14	G 5	531.2891	266.1485
1528.7352	15	I 4	474.2676	237.6377
1599.7723	16	A 3	361.1836	181.0957
1714.7992	17	D 2	290.1464	145.5771
	18	R 1	175.1195	88.0637

N-term:+35.07

APEEHPTLLTEAPLNPKANR, MH+ 2254.2196, m/z 564.3103
 L OSG40 P180811 230811-s1.05336.05336.4.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+

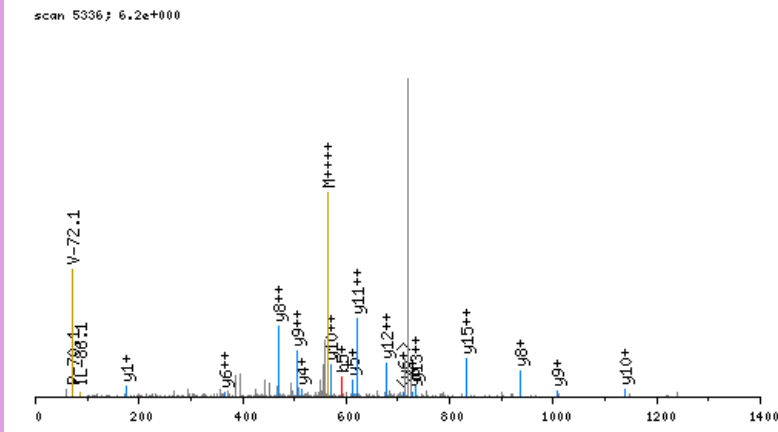
y + 2+ 3+

z + 2+ 3+

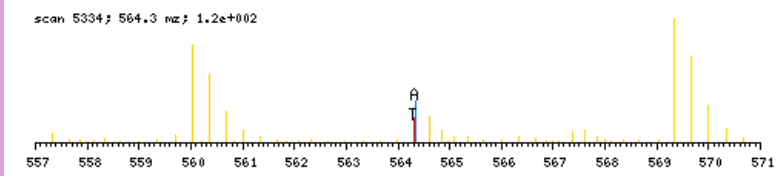
hide H₂O/NH₃

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		
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

APLDTINVHLR, MH+ 1276.7377, m/z 426.2508
 L OSG40 P180811 230811-s1.05895.05895.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

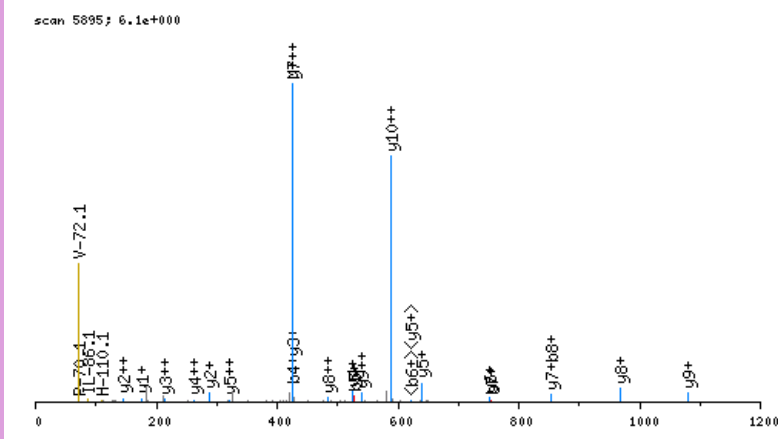
y + 2+ 3+

z + 2+ 3+

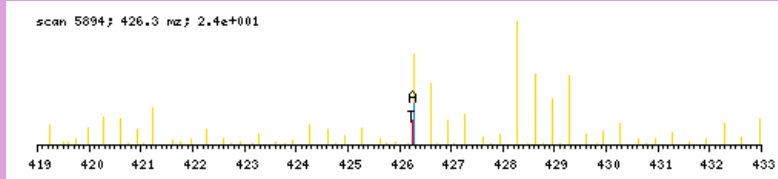
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
197.1290	2	P 10	1177.6693	589.3386
310.2130	3	L 9	1080.6166	540.8122
425.2400	4	D 8	967.5325	484.2702
526.2877	5	T 7	852.5056	426.7567
639.3717	6	I 6	751.4579	376.2329
753.4147	7	N 5	638.3738	319.6908
852.4831	8	V 4	524.3309	262.6694
989.5420	9	H 3	425.2625	213.1352
1102.6260	10	L 2	288.2036	144.6057
	11	R 1	175.1195	88.0637

N-term:+29.04

APNVLASEPEIIPKGIK, MH+ 1747.0118, m/z 583.0088
 L OSG39 P180811 230811-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+

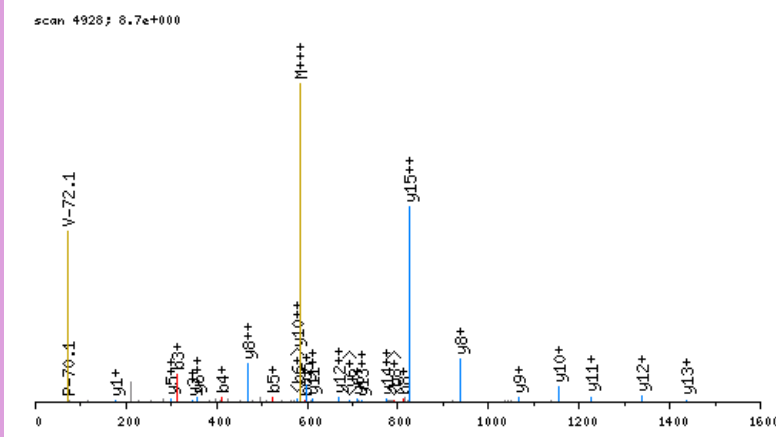
y + 2+ 3+

z + 2+ 3+

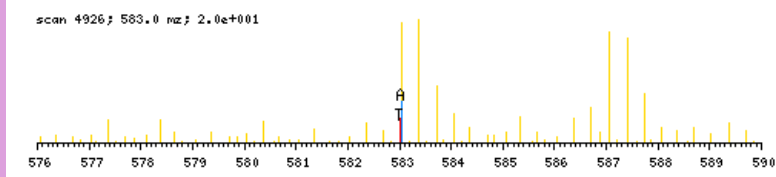
hide H₂O/NH₃

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⁺
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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

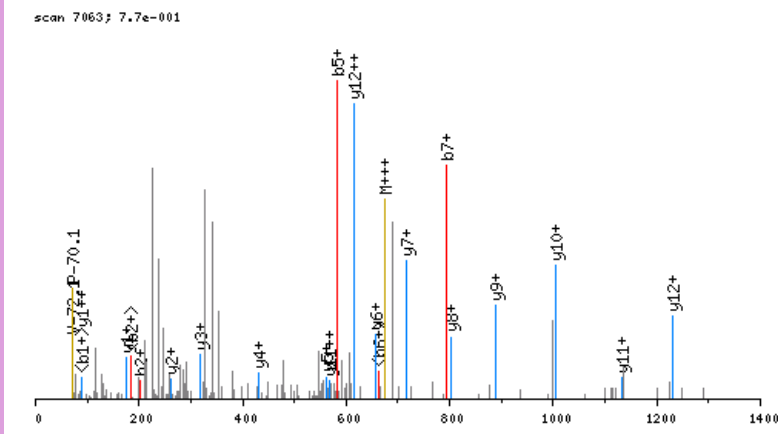
y + 2+ 3+

z + 2+ 3+

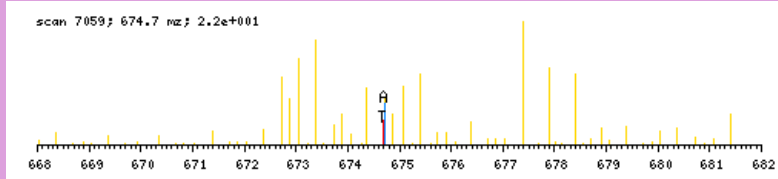
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
203.1608	2	P 18	1916.9507	958.9792
300.2135	3	P 17	1819.8979	910.4529
397.2663	4	P 16	1722.8451	861.9265
583.3456	5	W 15	1625.7924	813.4001
680.3984	6	P 14	1439.7130	720.3604
793.4824	7	I 13	1342.6603	671.8341
890.5352	8	P 12	1229.5762	615.2920
1018.5938	9	Q 11	1132.5235	566.7656
1133.6207	10	D 10	1004.4649	502.7364
1220.6528	11	S 9	889.4379	445.2229
1307.6848	12	S 8	802.4059	401.7069
1364.7063	13	G 7	715.3739	358.1909
1461.7590	14	P 6	658.3524	329.6801
1590.8016	15	E 5	561.2997	281.1537
1703.8857	16	L 4	432.2571	216.6324
1760.9071	17	G 3	319.1730	160.0904
1847.9392	18	S 2	262.1515	131.5797
	19	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+

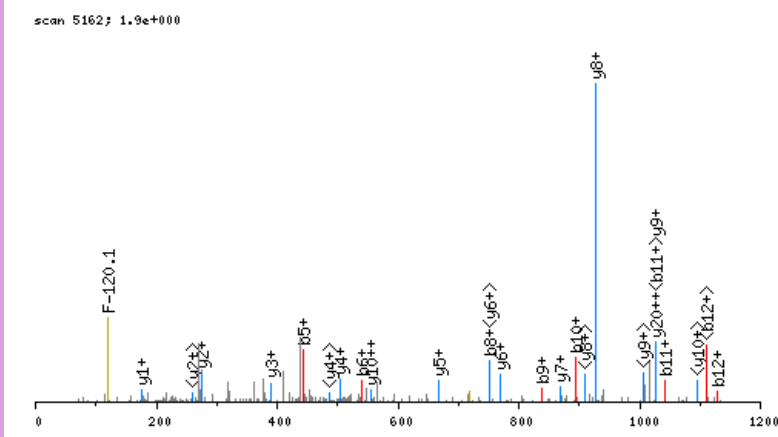
y + 2+ 3+

z + 2+ 3+

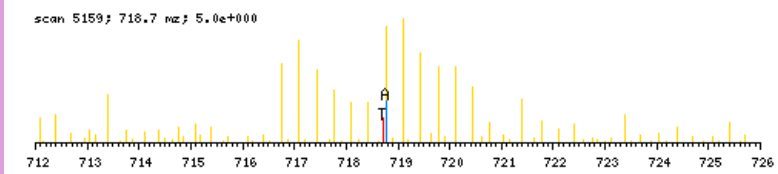
hide H₂O/NH₃

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⁺
106.1080	1	A 21		
203.1608	2	P 20	2049.0293	1025.0186
300.2135	3	P 19	1951.9765	976.4922
387.2456	4	S 18	1854.9238	927.9658
444.2670	5	G 17	1767.8917	884.4498
541.3198	6	P 16	1710.8703	855.9391
638.3726	7	P 15	1613.8175	807.4127
751.4566	8	I 14	1516.7647	758.8863
838.4887	9	S 13	1403.6807	702.3443
895.5101	10	G 12	1316.6487	658.8282
1042.5785	11	F 11	1259.6272	630.3175
1129.6106	12	S 10	1112.5588	556.7833
1228.6790	13	V 9	1025.5267	513.2673
1285.7004	14	G 8	926.4583	463.7331
1386.7481	15	T 7	869.4369	435.2223
1487.7958	16	T 6	768.3892	384.6985
1650.8591	17	Y 5	667.3415	334.1747
1765.8861	18	D 4	504.2782	252.6430
1878.9701	19	I 3	389.2512	195.1295
1980.0178	20	T 2	276.1672	138.5875
	21	R 1	175.1195	88.0637

N-term:+35.07

APQGSLGEYLFER, MH+ 1500.7910, m/z 500.9352
 H OSG37 P180811 230811-s1.07003.07003.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

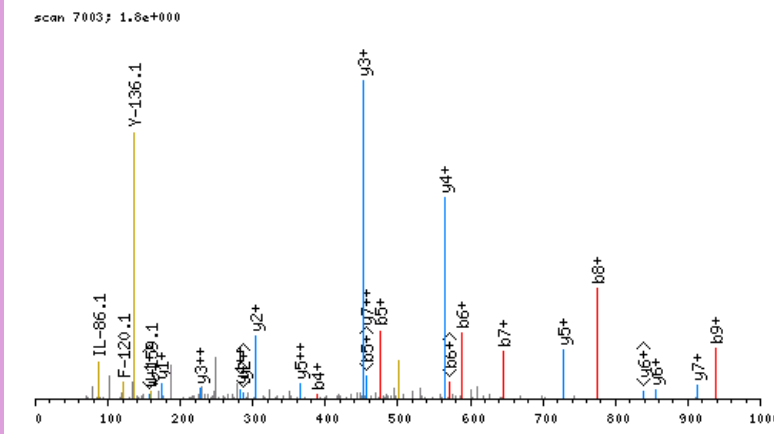
y + 2+ 3+

z + 2+ 3+

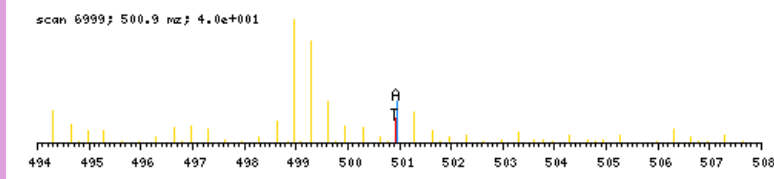
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 OSG37 P180811 230811-s1.04808.04808.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

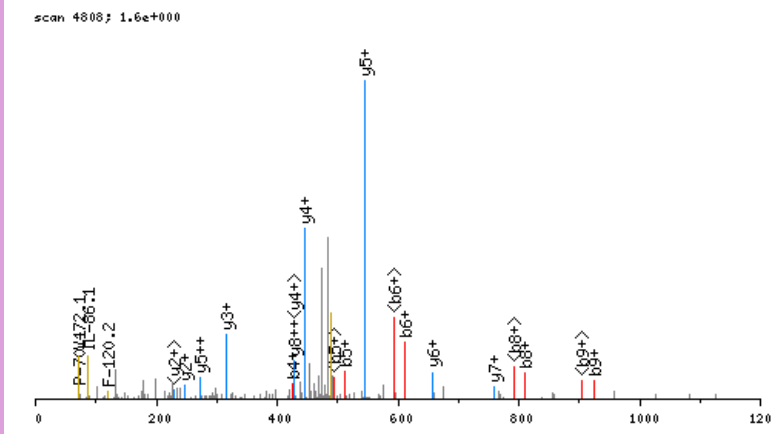
y + 2+ 3+

z + 2+ 3+

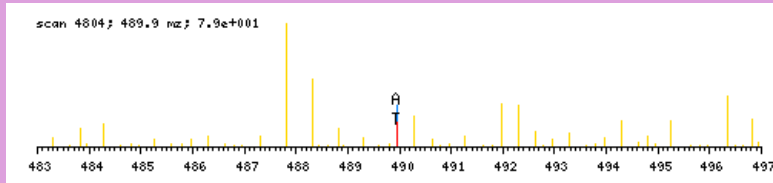
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

APQVYILPPPAEQLSR, MH+ 1813.0436, m/z 605.0194
 H OSG37 P180811 230811-s1.07142.07142.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

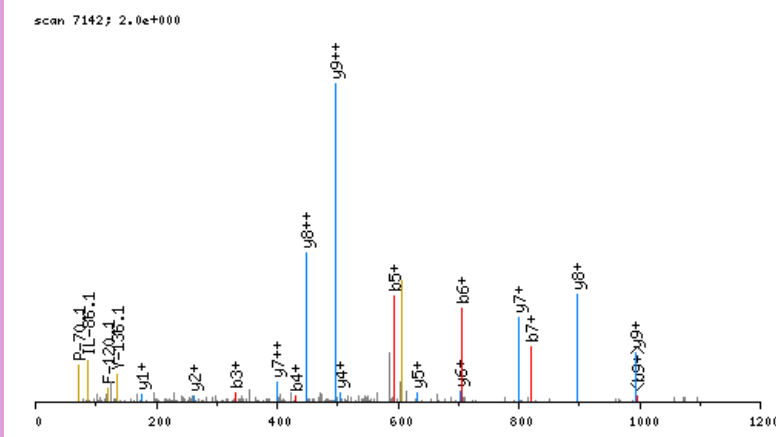
y + 2+ 3+

z + 2+ 3+

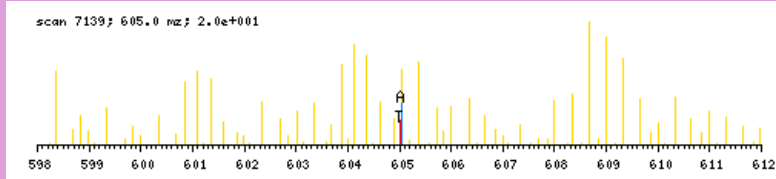
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
203.1608	2	P 15	1707.9434	854.4756
331.2194	3	Q 14	1610.8906	805.9492
430.2878	4	V 13	1482.8320	741.9199
593.3511	5	Y 12	1383.7636	692.3857
706.4352	6	I 11	1220.7003	610.8541
819.5192	7	L 10	1107.6162	554.3120
916.5720	8	P 9	994.5322	497.7700
1013.6248	9	P 8	897.4794	449.2436
1110.6775	10	P 7	800.4266	400.7172
1181.7146	11	A 6	703.3739	352.1909
1310.7572	12	E 5	632.3368	316.6723
1438.8158	13	Q 4	503.2942	252.1510
1551.8999	14	L 3	375.2356	188.1217
1638.9319	15	S 2	262.1515	131.5797
	16	R 1	175.1195	88.0637

N-term:+35.07

APVEHVVDAGAF₁LR, MH+ 1579.8596, m/z 527.2914
 L OSG39 P180811 230811-s1.05743.05743.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

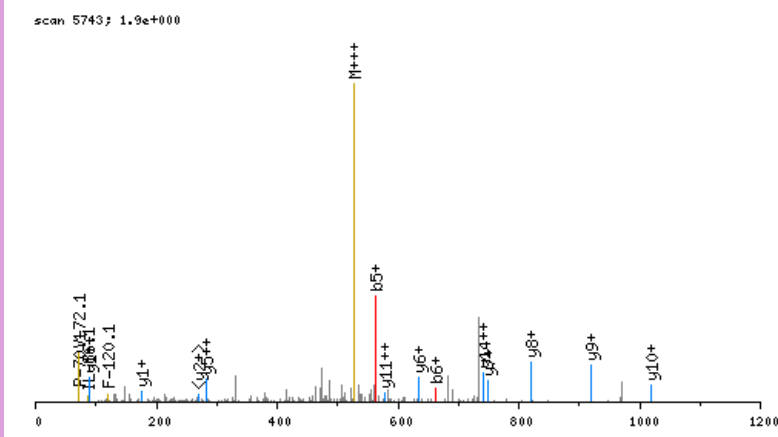
y + 2+ 3+

z + 2+ 3+

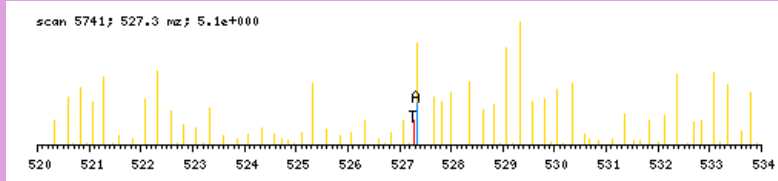
hide H₂O/NH₃

zoom 112-122

GO



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



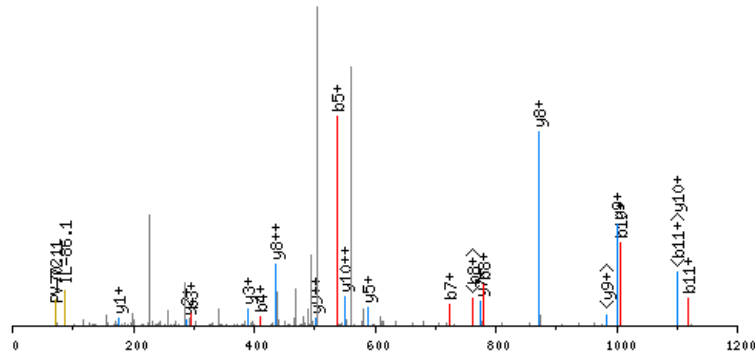
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 15		
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

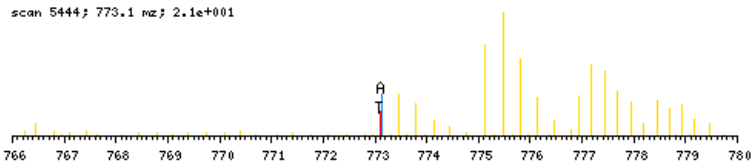
N-term:+29.04

APVIEPSGPELVVEPGETVTLR, MH+ 2317.2655, m/z 773.0933
 L OSG36 P180811 230811-s1.05448.05448.3.dta

scan 5448; 2.3e+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

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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

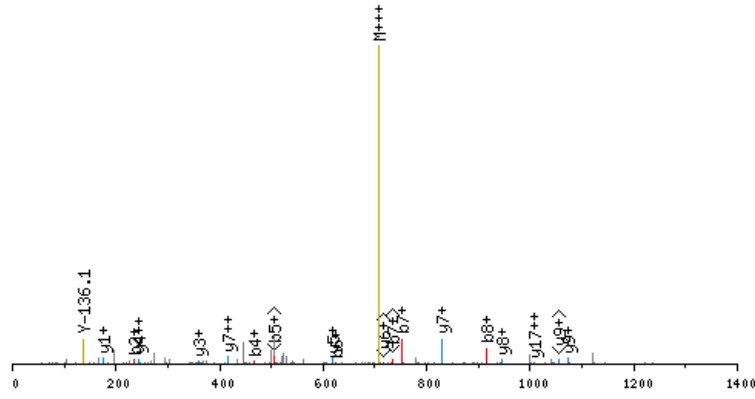
hide H₂O/NH₃

zoom 112-122

GO

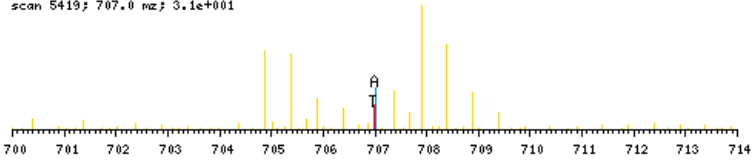
AQMIGTEYMQDPDEEALR, MH+ 2118.9536, m/z 706.9894
 H OSG37 P180811 230811-s1.05421.05421.3.dta

scan 5421; 8.0e+000



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

scan 5419; 707.0 mz; 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

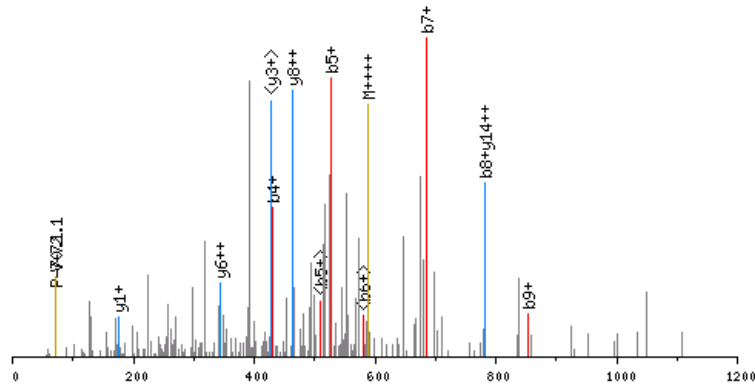
GO

b ⁺	#	AA #	y ⁺	y ²⁺
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

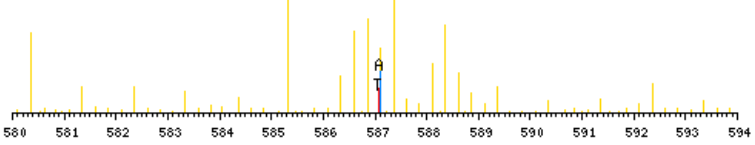
ARPAPASPAARFPFHTGQRLR, MH+ 2345.3279, m/z 587.0874
 H OSG36 P180811 230811-s1.03462.03462.4.dta

scan 3462; 4.9e-001



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

scan 3459; 587.1 m/z; 1.0e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 22		
262.2091	2	R 21	2240.2277	1120.6178
359.2619	3	P 20	2084.1266	1042.5672
430.2990	4	A 19	1987.0738	994.0408
527.3518	5	P 18	1916.0367	958.5223
598.3889	6	A 17	1818.9840	909.9959
685.4209	7	S 16	1747.9468	874.4773
782.4737	8	P 15	1660.9148	830.9613
853.5108	9	A 14	1563.8621	782.4349
924.5479	10	A 13	1492.8249	746.9164
1080.6490	11	R 12	1421.7878	711.3978
1177.7018	12	P 11	1265.6867	633.3473
1324.7702	13	F 10	1168.6339	584.8209
1421.8230	14	P 9	1021.5655	511.2867
1558.8819	15	H 8	924.5128	462.7603
1659.9295	16	T 7	787.4539	394.2308
1716.9510	17	G 6	686.4062	343.7070
1845.0096	18	Q 5	629.3847	315.1963
1902.0310	19	G 4	501.3261	251.1670
2058.1322	20	R 3	444.3047	222.6563
2171.2162	21	L 2	288.2036	144.6057
	22	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

ASAAAVDAGMAMAGQSPVLR, MH+ 1901.9577, m/z 634.6574
 L OSG37 P180811 230811-s1.06660.06660.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

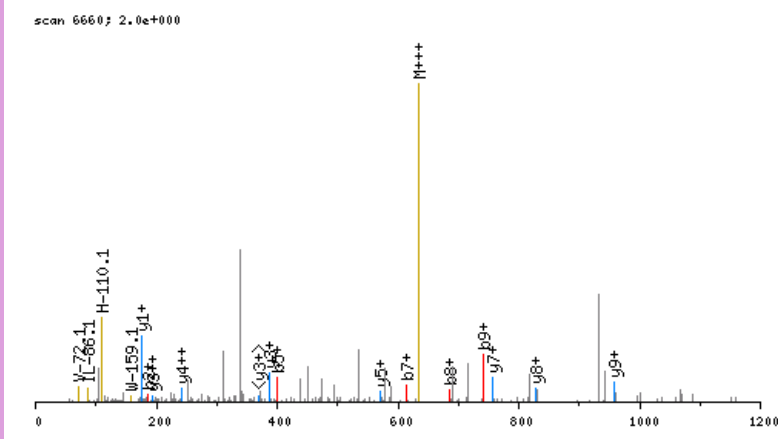
y + 2+ 3+

z + 2+ 3+

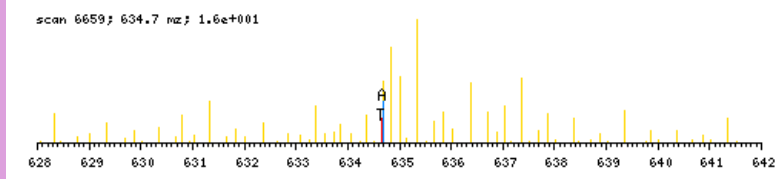
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
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

ASAFGSSTESLVAR, MH+ 1416.7547, m/z 708.8810
 H OSG37 P180811 230811-s1.04740.04740.2.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+

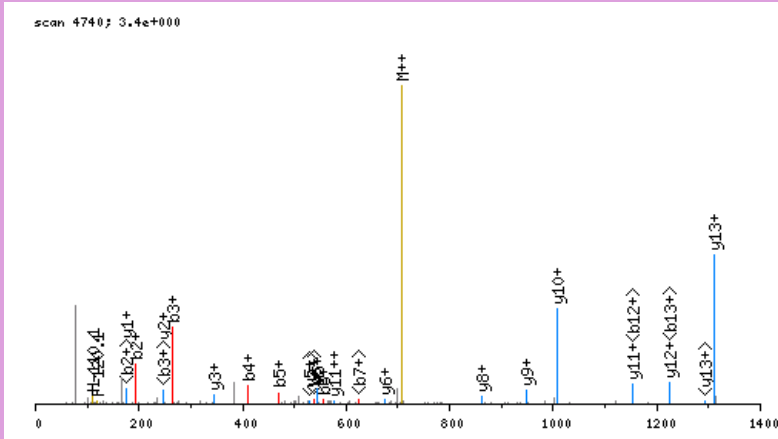
y + 2+ 3+

z + 2+ 3+

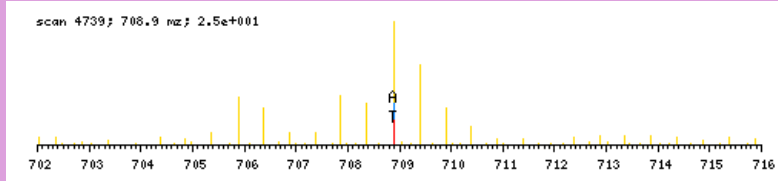
hide H₂O/NH₃

zoom 112-122

GO



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



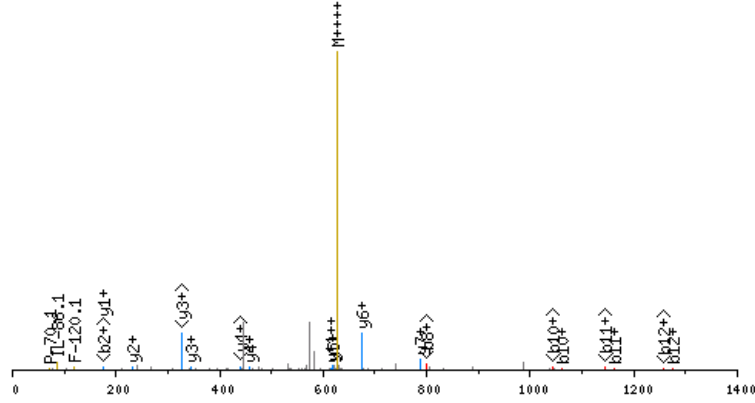
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 14		
193.1400	2	S 13	1311.6545	656.3311
264.1772	3	A 12	1224.6224	612.8151
411.2456	4	F 11	1153.5853	577.2966
468.2670	5	G 10	1006.5169	503.7624
555.2991	6	S 9	949.4954	475.2516
642.3311	7	S 8	862.4634	431.7356
743.3788	8	T 7	775.4314	388.2196
872.4214	9	E 6	674.3837	337.6958
959.4534	10	S 5	545.3411	273.1745
1072.5375	11	L 4	458.3091	229.6585
1171.6059	12	V 3	345.2250	173.1164
1242.6430	13	A 2	246.1566	123.5822
	14	R 1	175.1195	88.0637

N-term:+35.07

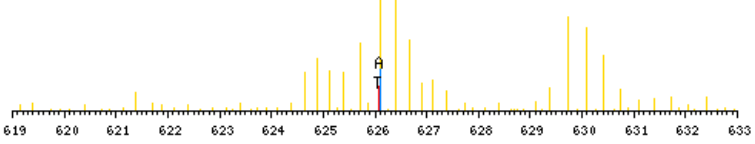
ASAQTTSHLTPNDLIGCIIGR, MH+ 2501.3245, m/z 626.0866
 H OSG39 P180811 230811-s1.07794.07794.4.dta

scan 7794; 1.8e+001



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

scan 7791; 626.1 m/z; 3.8e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 23		
193.1400	2	S 22	2396.2243	1198.6161
264.1772	3	A 21	2309.1923	1155.1001
392.2357	4	Q 20	2238.1552	1119.5815
493.2834	5	T 19	2110.0966	1055.5522
594.3311	6	T 18	2009.0489	1005.0284
681.3631	7	S 17	1908.0013	954.5045
818.4220	8	H 16	1820.9692	910.9885
947.4646	9	E 15	1683.9103	842.4591
1060.5487	10	L 14	1554.8677	777.9378
1161.5964	11	T 13	1441.7837	721.3957
1274.6804	12	I 12	1340.7360	670.8719
1371.7332	13	P 11	1227.6519	614.3299
1485.7761	14	N 10	1130.5992	565.8035
1600.8031	15	D 9	1016.5562	508.7820
1713.8871	16	L 8	901.5293	451.2686
1826.9712	17	I 7	788.4452	394.7265
1883.9927	18	G 6	675.3612	338.1845
2044.0233	19	C 5	618.3397	309.6738
2157.1073	20	I 4	458.3091	229.6585
2270.1914	21	I 3	345.2250	173.1164
2327.2128	22	G 2	232.1410	116.5744
	23	R 1	175.1195	88.0637

N-term:+35.07 C(19):+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

ASASSTNLKDVLSNLPKEQAR, MH+ 2444.4573, m/z 611.8698
 H OSG40 P180811 230811-s1.07938.07938.4.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+

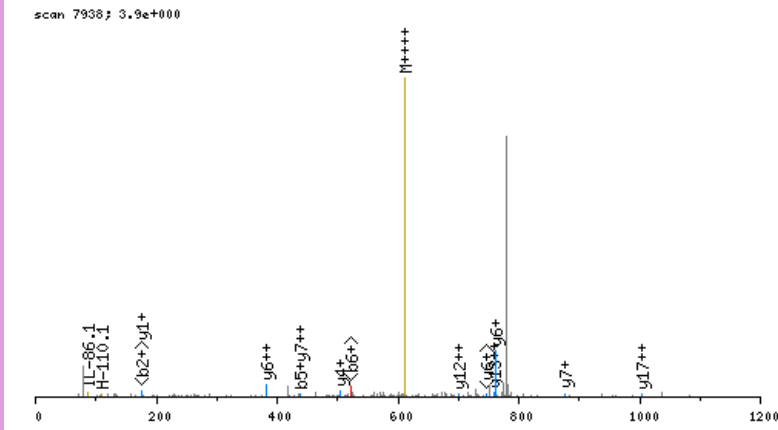
y + 2+ 3+

z + 2+ 3+

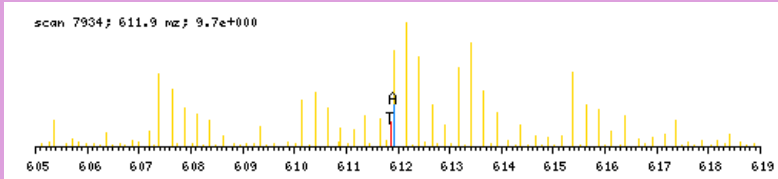
hide H₂O/NH₃

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	22		
193.1400	2	S	21	2339.3571	1170.1825
264.1772	3	A	20	2252.3251	1126.6665
351.2092	4	S	19	2181.2880	1091.1479
438.2412	5	S	18	2094.2560	1047.6319
539.2889	6	T	17	2007.2239	1004.1159
653.3318	7	N	16	1906.1762	953.5920
766.4159	8	L	15	1792.1333	896.5706
928.5740	9	K	14	1679.0493	840.0285
1043.6009	10	D	13	1516.8912	758.9495
1142.6693	11	V	12	1401.8642	701.4360
1255.7534	12	L	11	1302.7958	651.9018
1342.7854	13	S	10	1189.7117	595.3598
1456.8284	14	N	9	1102.6797	551.8438
1569.9124	15	L	8	988.6368	494.8223
1682.9965	16	I	7	875.5527	438.2803
1780.0493	17	P	6	762.4686	381.7382
1942.2074	18	K	5	665.4159	333.2119
2071.2499	19	E	4	503.2578	252.1328
2199.3085	20	Q	3	374.2152	187.6115
2270.3456	21	A	2	246.1566	123.5822
	22	R	1	175.1195	88.0637

N-term:+35.07 K(9):+162.16
 K(18):+162.16

ASDPILYRFPVAVALDTKGPEIR, MH+ 2437.3819, m/z 610.1009
 L OSG40 P180811 230811-s1.07888.07888.4.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+

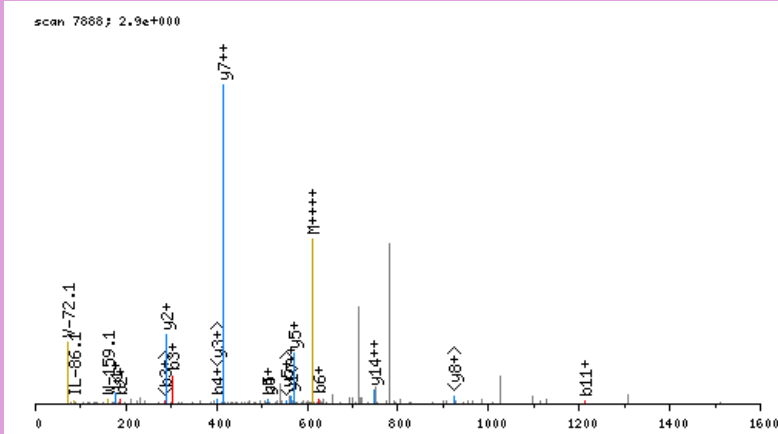
y + 2+ 3+

z + 2+ 3+

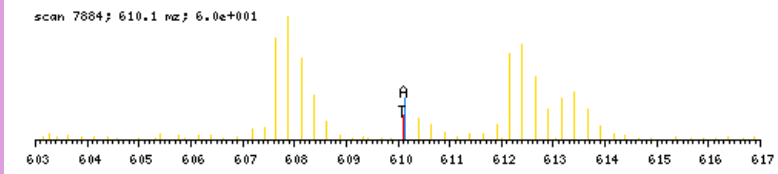
hide H₂O/NH₃

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 22		
187.1082	2	S 21	2338.3135	1169.6607
302.1352	3	D 20	2251.2815	1126.1446
399.1879	4	P 19	2136.2545	1068.6312
512.2720	5	I 18	2039.2018	1020.1048
625.3561	6	L 17	1926.1177	963.5628
788.4194	7	Y 16	1813.0336	907.0207
944.5205	8	R 15	1649.9703	825.4891
1041.5733	9	P 14	1493.8692	747.4385
1140.6417	10	V 13	1396.8164	698.9121
1211.6788	11	A 12	1297.7480	649.3779
1310.7472	12	V 11	1226.7109	613.8594
1381.7843	13	A 10	1127.6425	564.3252
1494.8684	14	L 9	1056.6054	528.8066
1609.8953	15	D 8	943.5213	472.2646
1710.9430	16	T 7	828.4944	414.7511
1867.0693	17	K 6	727.4467	364.2273
1924.0908	18	G 5	571.3204	286.1641
2021.1435	19	P 4	514.2989	257.6534
2150.1861	20	E 3	417.2462	209.1270
2263.2702	21	I 2	288.2036	144.6057
	22	R 1	175.1195	88.0637

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

ASFFGENHLEVPVPSALTR, MH+ 2099.0925, m/z 700.3690
 L OSG39 P180811 230811-s1.07435.07435.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

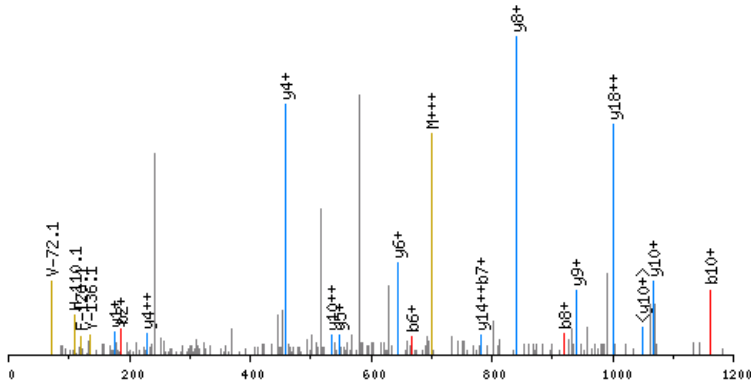
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

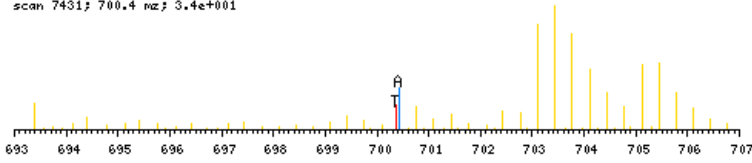
GO

scan 7435; 6.9e-001



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

scan 7431; 700.4 nz; 3.4e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 19		
187.1082	2	S 18	2000.0242	1000.5160
334.1767	3	F 17	1912.9921	957.0000
481.2451	4	F 16	1765.9237	883.4658
538.2665	5	G 15	1618.8553	809.9316
667.3091	6	E 14	1561.8338	781.4208
781.3521	7	N 13	1432.7912	716.8995
918.4110	8	H 12	1318.7483	659.8781
1031.4950	9	L 11	1181.6894	591.3486
1160.5376	10	E 10	1068.6053	534.8066
1259.6060	11	V 9	939.5627	470.2853
1356.6588	12	P 8	840.4943	420.7511
1455.7272	13	V 7	743.4416	372.2247
1552.7800	14	P 6	644.3731	322.6905
1639.8120	15	S 5	547.3204	274.1641
1710.8491	16	A 4	460.2884	230.6481
1823.9332	17	L 3	389.2512	195.1295
1924.9809	18	T 2	276.1672	138.5875
	19	R 1	175.1195	88.0637

N-term:+29.04

ASFNDTFVHVTDLSGKETICR, MH+ 2453.2134, m/z 614.0588
 L OSG40 P180811 230811-s1.07543.07543.4.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+

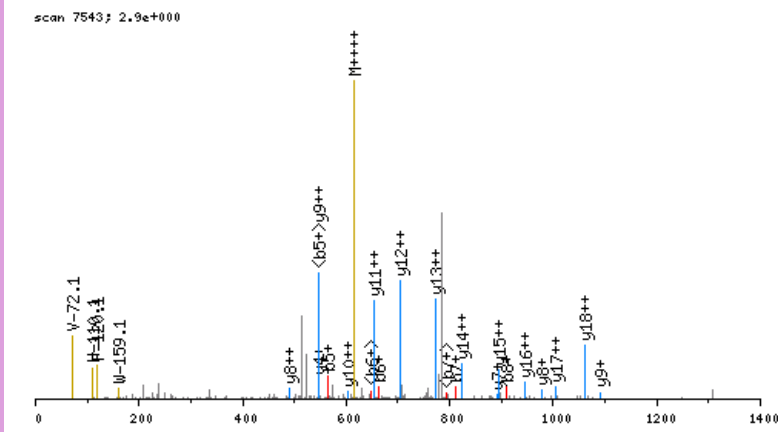
y + 2+ 3+

z + 2+ 3+

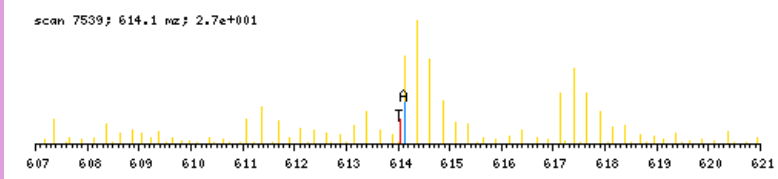
hide H₂O/NH₃

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⁺
100.0762	1	A 21		
187.1082	2	S 20	2354.1451	1177.5764
334.1767	3	F 19	2267.1130	1134.0604
448.2196	4	N 18	2120.0446	1060.5262
563.2465	5	D 17	2006.0017	1003.5048
664.2942	6	T 16	1890.9747	945.9913
811.3626	7	F 15	1789.9271	895.4674
910.4310	8	V 14	1642.8587	821.9332
1047.4899	9	H 13	1543.7902	772.3990
1146.5584	10	V 12	1406.7313	703.8696
1247.6060	11	T 11	1307.6629	654.3354
1362.6330	12	D 10	1206.6152	603.8115
1475.7170	13	L 9	1091.5883	546.2981
1562.7491	14	S 8	978.5042	489.7560
1619.7705	15	G 7	891.4722	446.2400
1775.8968	16	K 6	834.4507	417.7293
1904.9394	17	E 5	678.3244	339.6661
2005.9871	18	T 4	549.2818	275.1448
2119.0712	19	I 3	448.2342	224.6210
2279.1018	20	C 2	335.1501	168.0790
	21	R 1	175.1195	88.0637

N-term: +29.04 K(16): +156.13
 C(20): +160.03

ASGGVPTDEEQATGLER, MH+ 1801.8568, m/z 601.2904
 L OSG37 P180811 230811-s1.03676.03676.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

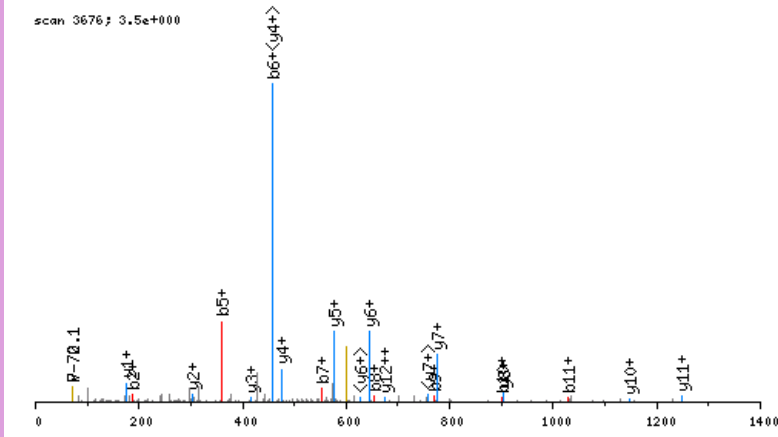
y + 2+ 3+

z + 2+ 3+

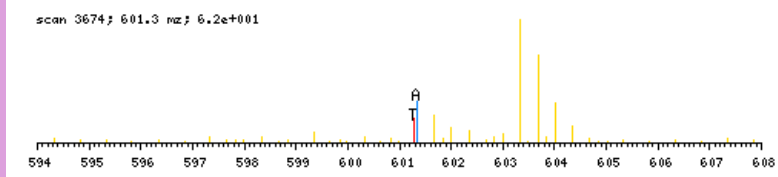
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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+ 1297.7440, m/z 433.2529
 H OSG40 P180811 230811-s1.04995.04995.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

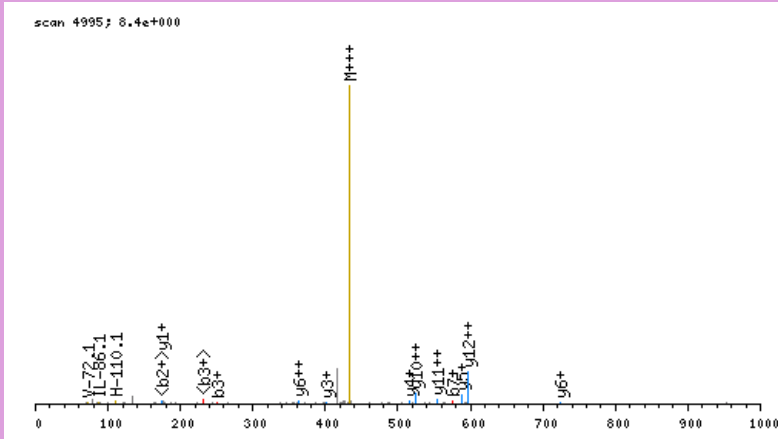
y + 2+ 3+

z + 2+ 3+

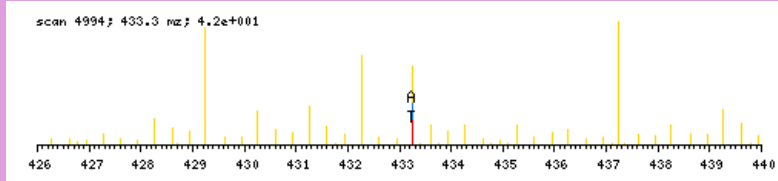
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
193.1400	2	S 12	1192.6438	596.8258
250.1615	3	G 11	1105.6118	553.3098
347.2143	4	P 10	1048.5904	524.7991
404.2357	5	G 9	951.5376	476.2727
461.2572	6	G 8	894.5161	447.7620
574.3413	7	L 7	837.4947	419.2512
711.4002	8	H 6	724.4106	362.7092
782.4373	9	A 5	587.3517	294.1798
897.4642	10	D 4	516.3146	258.6612
1010.5483	11	L 3	401.2876	201.1477
1123.6324	12	L 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+35.07

ASGQAFELILSPR, MH+ 1416.7851, m/z 472.9332
 L OSG40 P180811 230811-s1.06335.06335.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

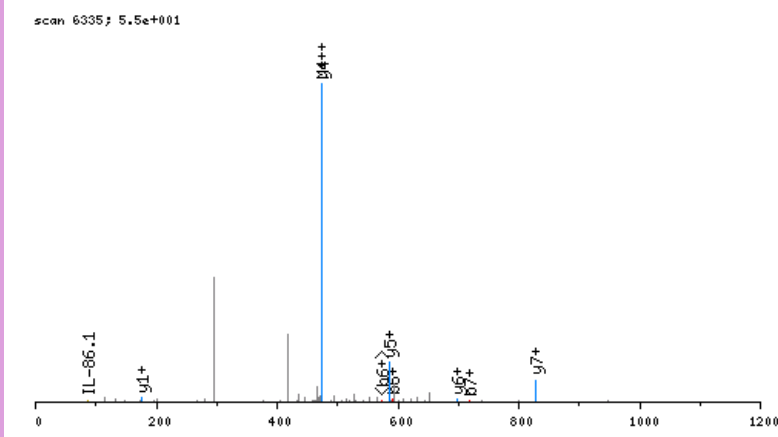
y + 2+ 3+

z + 2+ 3+

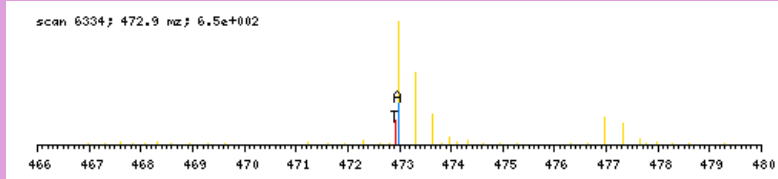
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1317.7167	659.3623
244.1297	3	G 11	1230.6846	615.8462
372.1883	4	Q 10	1173.6632	587.3355
443.2254	5	A 9	1045.6046	523.3062
590.2938	6	F 8	974.5675	487.7877
719.3364	7	E 7	827.4991	414.2535
832.4205	8	L 6	698.4565	349.7322
945.5045	9	I 5	585.3724	293.1901
1058.5886	10	L 4	472.2884	236.6481
1145.6206	11	S 3	359.2043	180.1061
1242.6734	12	P 2	272.1723	136.5900
	13	R 1	175.1195	88.0637

N-term:+29.04

ASKPTLNEVVIVSAIR, MH+ 1753.0588, m/z 585.0244
 L OSG39 P180811 230811-s1.05207.05207.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

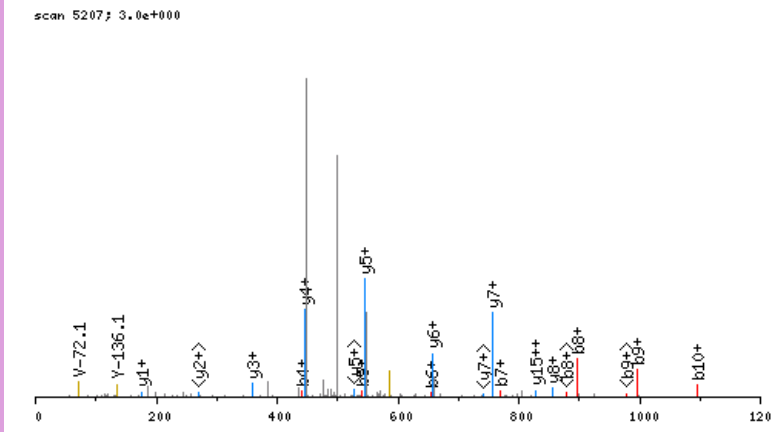
y + 2+ 3+

z + 2+ 3+

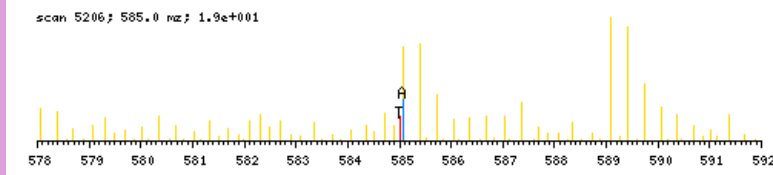
hide H₂O/NH₃

zoom 112-122

GO



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



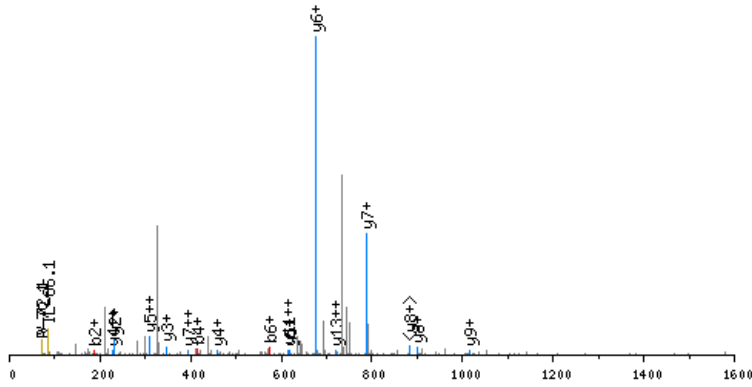
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

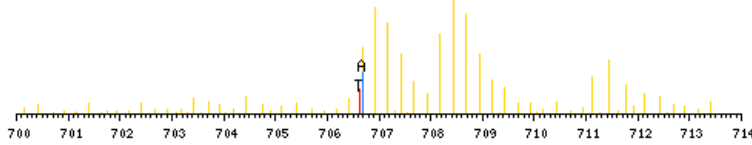
ASLDASTQTTHLTIPTNLLIGCIIGR, MH+ 2823.4674, m/z 706.6223
 L OSG38 P180811 230811-s1.07952.07952.4.dta

scan 7952: 7.8e+000



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

scan 7949: 706.6 m/z; 3.3e+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⁺
100.0762	1	A 26		
187.1082	2	S 25	2724.3990	1362.7034
300.1923	3	L 24	2637.3670	1319.1874
415.2192	4	D 23	2524.2829	1262.6454
486.2564	5	A 22	2409.2560	1205.1319
573.2884	6	S 21	2338.2189	1169.6133
674.3361	7	T 20	2251.1868	1126.0973
802.3946	8	Q 19	2150.1391	1075.5735
903.4423	9	T 18	2022.0806	1011.5442
1004.4900	10	T 17	1921.0329	961.0204
1141.5489	11	H 16	1819.9852	910.4965
1270.5915	12	E 15	1682.9263	841.9671
1383.6756	13	L 14	1553.8837	777.4458
1484.7233	14	T 13	1440.7996	720.9037
1597.8073	15	I 12	1339.7520	670.3799
1694.8601	16	P 11	1226.6679	613.8379
1808.9030	17	N 10	1129.6151	565.3115
1922.9459	18	N 9	1015.5722	508.2900
2036.0300	19	L 8	901.5293	451.2686
2149.1141	20	I 7	788.4452	394.7265
2206.1355	21	G 6	675.3612	338.1845
2366.1661	22	C 5	618.3397	309.6738
2479.2502	23	I 4	458.3091	229.6585
2592.3343	24	I 3	345.2250	173.1164
2649.3557	25	G 2	232.1410	116.5744
	26	R 1	175.1195	88.0637

N-term: +29.04 C(22) : +160.03

ASLEQSLEASPIKVR, MH+ 1770.9966, m/z 591.0037
 L OSG39 P180811 230811-s1.05419.05419.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

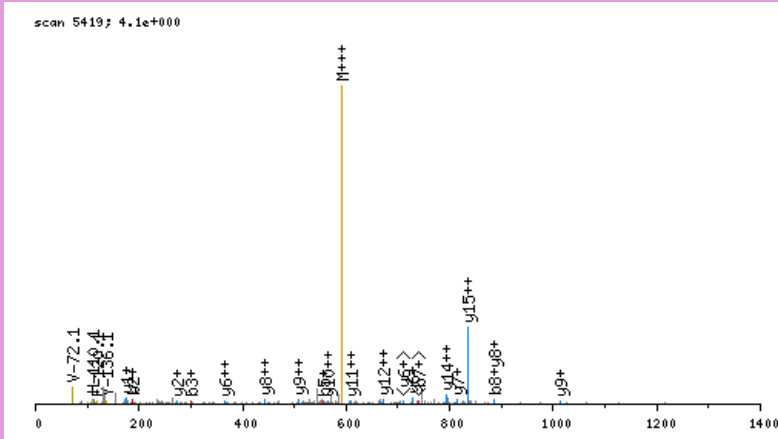
y + 2+ 3+

z + 2+ 3+

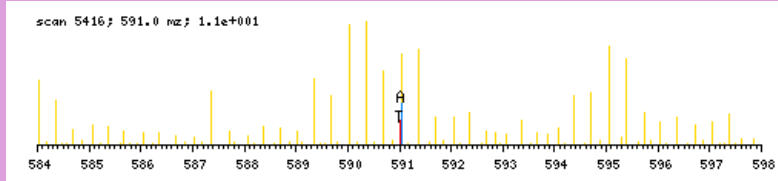
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1671.9282	836.4680
300.1923	3	L 14	1584.8961	792.9520
429.2349	4	E 13	1471.8121	736.4099
557.2935	5	Q 12	1342.7695	671.8887
644.3255	6	S 11	1214.7109	607.8594
757.4096	7	L 10	1127.6789	564.3433
886.4522	8	E 9	1014.5948	507.8013
957.4893	9	A 8	885.5522	443.2800
1044.5213	10	S 7	814.5151	407.7615
1141.5741	11	P 6	727.4831	364.2454
1254.6581	12	I 5	630.4303	315.7191
1341.6902	13	S 4	517.3462	259.1770
1497.8165	14	K 3	430.3142	215.6610
1596.8849	15	V 2	274.1879	137.5979
	16	R 1	175.1195	88.0637

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

ASNTQDGVGSLCSR, MH+ 1479.6861, m/z 493.9002
 L OSG37 P180811 230811-s1.02633.02633.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

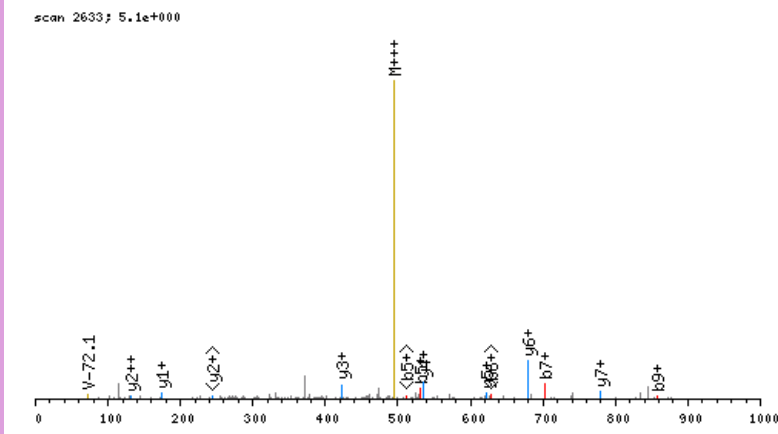
y + 2+ 3+

z + 2+ 3+

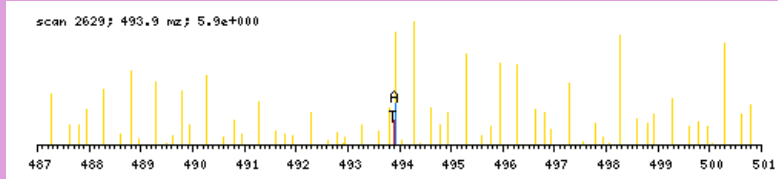
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1380.6177	690.8128
301.1512	3	N 12	1293.5857	647.2968
402.1988	4	T 11	1179.5428	590.2753
530.2574	5	Q 10	1078.4951	539.7515
645.2844	6	D 9	950.4365	475.7222
702.3058	7	G 8	835.4096	418.2087
801.3742	8	V 7	778.3881	389.6980
858.3957	9	G 6	679.3197	340.1638
945.4277	10	S 5	622.2982	311.6530
1058.5118	11	L 4	535.2662	268.1370
1218.5424	12	C 3	422.1821	211.5950
1305.5744	13	S 2	262.1515	131.5797
	14	R 1	175.1195	88.0637

N-term:+29.04 C(12):+160.03

ASQTQGIQQLLQAEKR, MH+ 1855.0401, m/z 619.0182
 L OSG37 P180811 230811-s1.06560.06560.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

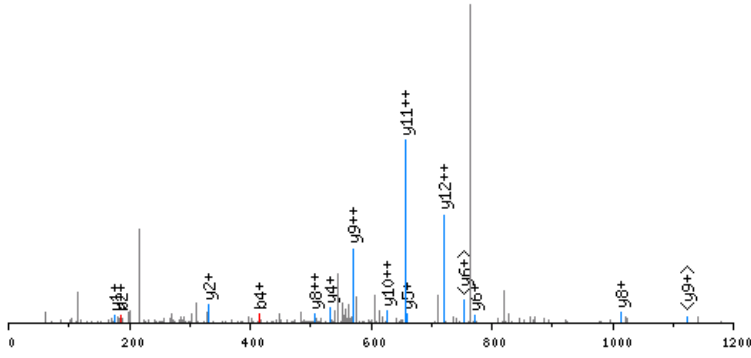
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

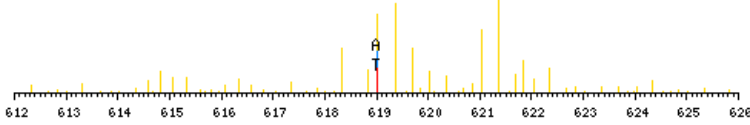
GO

scan 6560; 4.2e+000



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

scan 6559; 619.0 m/z; 3.7e+001



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	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+ 1208.7063, m/z 604.8568
 H OSG37 P180811 230811-s1.04353.04353.2.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+

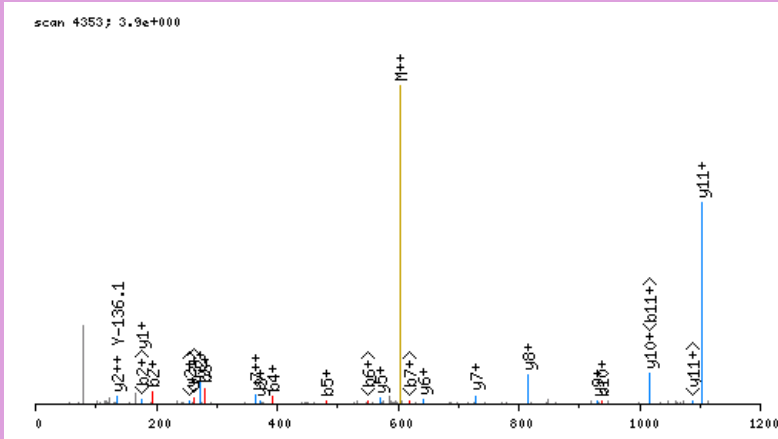
y + 2+ 3+

z + 2+ 3+

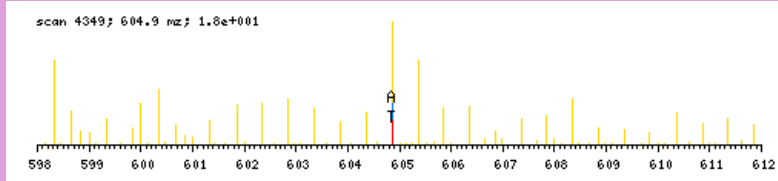
hide H₂O/NH₃

zoom 112-122

GO



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



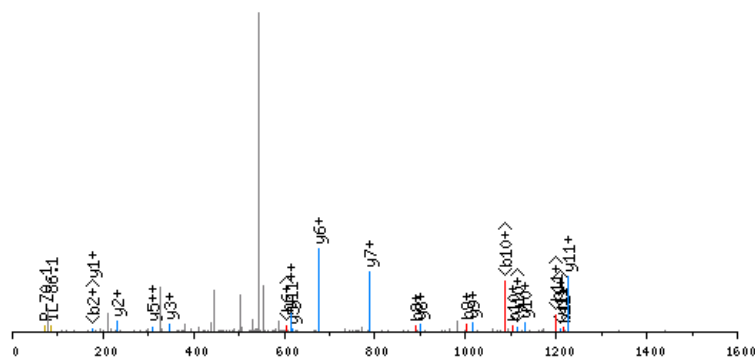
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 12		
193.1400	2	S 11	1103.6061	552.3069
280.1721	3	S 10	1016.5740	508.7909
393.2561	4	L 9	929.5420	465.2749
480.2882	5	S 8	816.4579	408.7329
567.3202	6	S 7	729.4259	365.2169
638.3573	7	A 6	642.3939	321.7009
725.3893	8	S 5	571.3568	286.1823
838.4734	9	L 4	484.3247	242.6663
937.5418	10	V 3	371.2407	186.1243
1034.5946	11	P 2	272.1723	136.5900
	12	R 1	175.1195	88.0637

N-term:+35.07

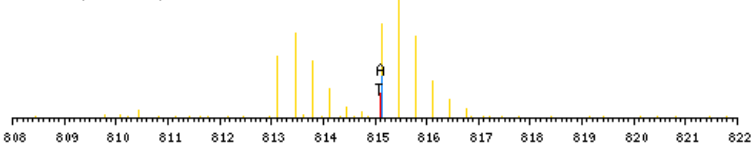
ASTQTTHLTIPTNLLIGCIIGR, MH+ 2443.3190, m/z 815.1112
H OSG39 P180811 230811-s1.07678.07678.3.dta

scan 7678; 9.7e+000



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

scan 7676; 815.1 mz; 3.6e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 22		
193.1400	2	S 21	2338.2189	1169.6133
294.1877	3	T 20	2251.1868	1126.0973
422.2463	4	Q 19	2150.1391	1075.5735
523.2940	5	T 18	2022.0806	1011.5442
624.3417	6	T 17	1921.0329	961.0204
761.4006	7	H 16	1819.9852	910.4965
890.4432	8	E 15	1682.9263	841.9671
1003.5272	9	L 14	1553.8837	777.4458
1104.5749	10	T 13	1440.7996	720.9037
1217.6590	11	I 12	1339.7520	670.3799
1314.7117	12	P 11	1226.6679	613.8379
1428.7547	13	N 10	1129.6151	565.3115
1542.7976	14	N 9	1015.5722	508.2900
1655.8816	15	L 8	901.5293	451.2686
1768.9657	16	I 7	788.4452	394.7265
1825.9872	17	G 6	675.3612	338.1845
1986.0178	18	C 5	618.3397	309.6738
2099.1018	19	I 4	458.3091	229.6585
2212.1859	20	I 3	345.2250	173.1164
2269.2074	21	G 2	232.1410	116.5744
	22	R 1	175.1195	88.0637

N-term:+35.07 C(18):+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

ASTSYLPSQVTEMFNQGR, MH+ 2050.0127, m/z 684.0091
 H OSG37 P180811 230811-s1.08375.08375.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

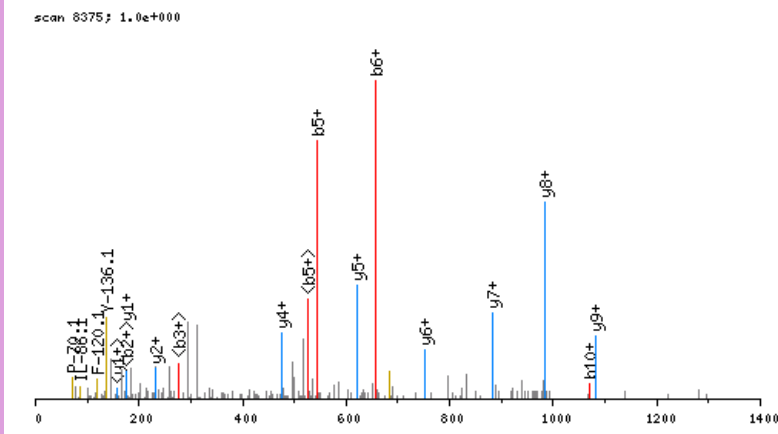
y + 2+ 3+

z + 2+ 3+

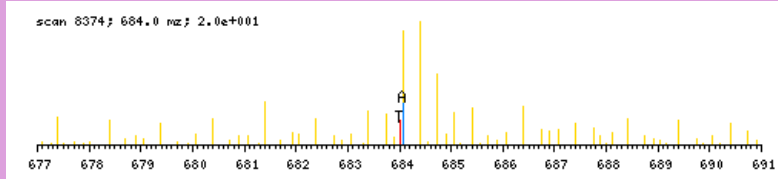
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1944.9126	972.9602
294.1877	3	T 16	1857.8805	929.4442
381.2197	4	S 15	1756.8328	878.9203
544.2831	5	Y 14	1669.8008	835.4043
657.3671	6	L 13	1506.7375	753.8727
754.4199	7	P 12	1393.6534	697.3306
841.4519	8	S 11	1296.6007	648.8042
969.5105	9	Q 10	1209.5686	605.2882
1068.5789	10	V 9	1081.5101	541.2589
1169.6266	11	T 8	982.4416	491.7247
1298.6692	12	E 7	881.3940	441.2009
1429.7097	13	M 6	752.3514	376.6796
1576.7781	14	F 5	621.3109	311.1594
1690.8210	15	N 4	474.2425	237.6251
1818.8796	16	Q 3	360.1995	180.6037
1875.9011	17	G 2	232.1410	116.5744
	18	R 1	175.1195	88.0637

N-term:+35.07

ATEMVEVGPEDDEVGAER, MH+ 1966.9128, m/z 656.3091
 H OSG37 P180811 230811-s1.04917.04917.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

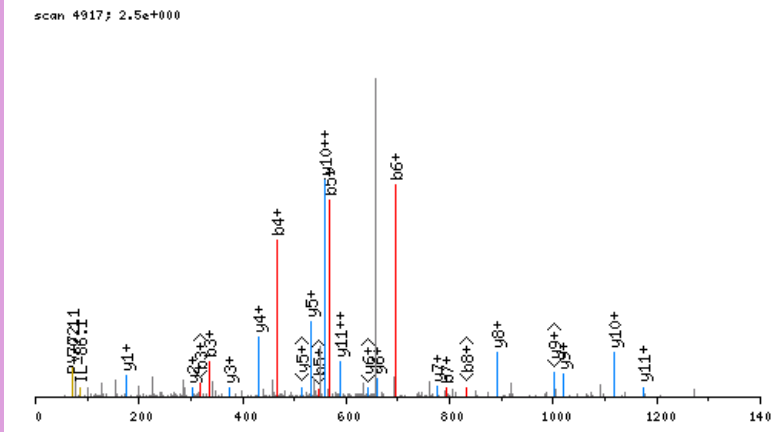
y + 2+ 3+

z + 2+ 3+

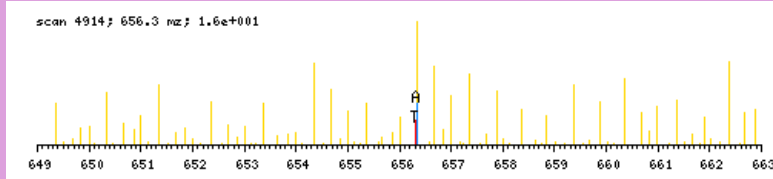
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

ATIEKIPFESAFR, MH+ 1576.9375, m/z 526.3174
 H OSG39 P180811 230811-s1.05873.05873.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

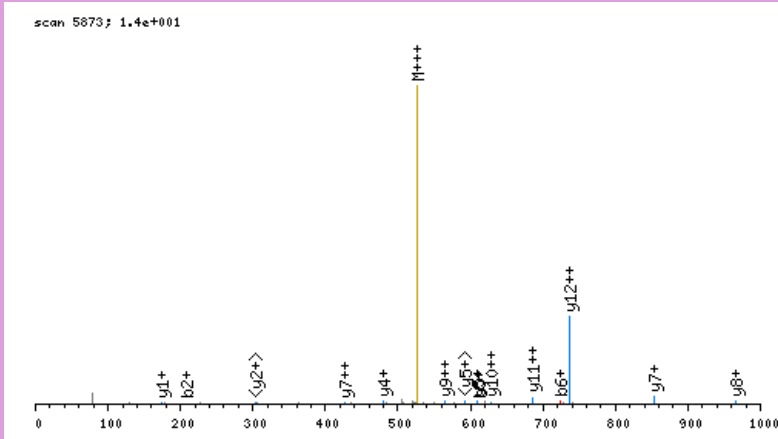
y + 2+ 3+

z + 2+ 3+

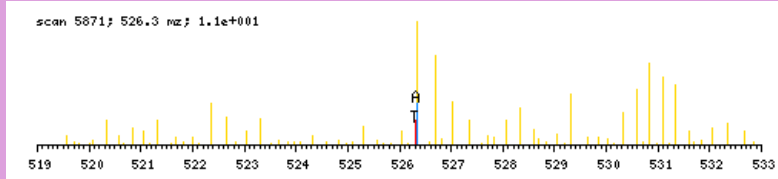
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
207.1557	2	T 12	1471.8373	736.4226
320.2398	3	I 11	1370.7896	685.8987
449.2823	4	E 10	1257.7056	629.3567
611.4404	5	K 9	1128.6630	564.8354
724.5245	6	I 8	966.5049	483.7564
821.5773	7	P 7	853.4208	427.2143
968.6457	8	F 6	756.3681	378.6879
1097.6883	9	E 5	609.2997	305.1537
1184.7203	10	S 4	480.2571	240.6324
1255.7574	11	A 3	393.2250	197.1164
1402.8258	12	F 2	322.1879	161.5979
	13	R 1	175.1195	88.0637

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

ATLDVYNPFENR, MH+ 1472.7597, m/z 491.5914
 H OSG37 P180811 230811-s1.07437.07437.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

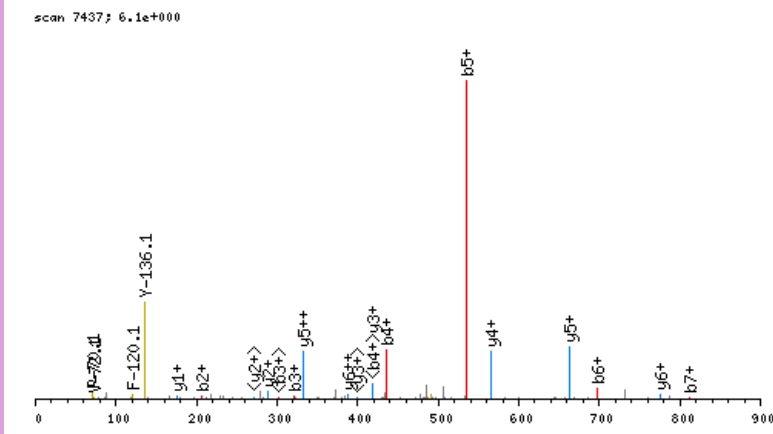
y + 2+ 3+

z + 2+ 3+

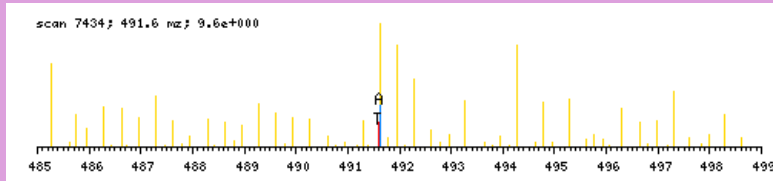
hide H₂O/NH₃

zoom 112-122

GO



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



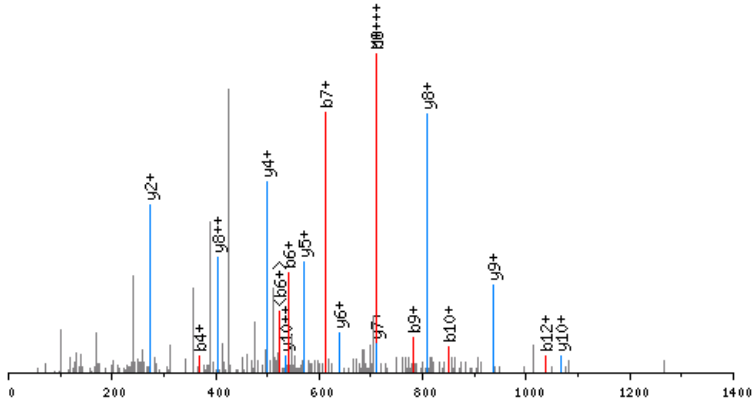
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

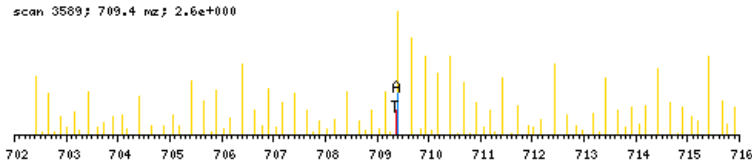
ATPATAAPAASAAATTTSAQEEPAAPPEPR, MH+ 2834.4172, m/z 709.3598
 L OSG36 P180811 230811-s1.03593.03593.4.dta

scan 3593; 6.8e-001



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

scan 3599; 709.4 m/z; 2.6e+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⁺
100.0762	1	A	30		
201.1239	2	T	29	2735.3488	1368.1783
298.1767	3	P	28	2634.3011	1317.6545
369.2138	4	A	27	2537.2483	1269.1281
470.2614	5	T	26	2466.2112	1233.6095
541.2986	6	A	25	2365.1636	1183.0857
612.3357	7	A	24	2294.1264	1147.5671
709.3884	8	P	23	2223.0893	1112.0486
780.4256	9	A	22	2126.0366	1063.5222
851.4627	10	A	21	2054.9995	1028.0036
950.5311	11	V	20	1983.9623	992.4851
1037.5631	12	S	19	1884.8939	942.9509
1108.6002	13	A	18	1797.8619	899.4349
1179.6373	14	A	17	1726.8248	863.9163
1280.6850	15	T	16	1655.7877	828.3977
1381.7327	16	T	15	1554.7400	777.8739
1482.7804	17	T	14	1453.6923	727.3501
1569.8124	18	S	13	1352.6446	676.8262
1640.8495	19	A	12	1265.6126	633.3102
1768.9081	20	Q	11	1194.5755	597.7917
1897.9507	21	E	10	1066.5169	533.7624
2026.9933	22	E	9	937.4743	469.2411
2124.0460	23	P	8	808.4317	404.7198
2195.0832	24	A	7	711.3790	356.1934
2266.1203	25	A	6	640.3418	320.6748
2337.1574	26	A	5	569.3047	285.1563
2434.2101	27	P	4	498.2676	249.6377
2563.2527	28	E	3	401.2149	201.1113
2660.3055	29	P	2	272.1723	136.5900
	30	R	1	175.1195	88.0637

N-term:+29.04

ATTVSAPDLKSVR, MH+ 1412.8749, m/z 471.6298
 H OSG39 P180811 230811-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+

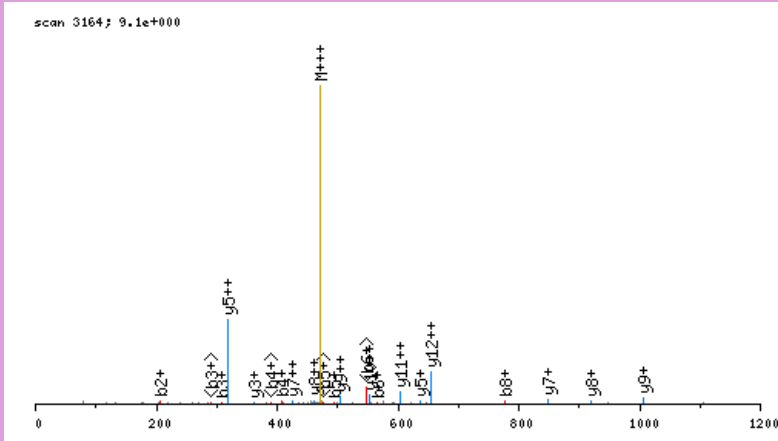
y + 2+ 3+

z + 2+ 3+

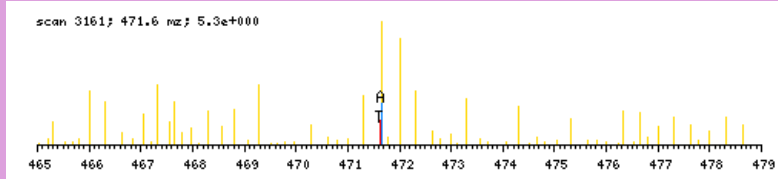
hide H₂O/NH₃

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⁺
106.1080	1	A 13		
207.1557	2	T 12	1307.7747	654.3913
308.2034	3	T 11	1206.7270	603.8674
407.2718	4	V 10	1105.6794	553.3436
494.3038	5	S 9	1006.6110	503.8094
565.3409	6	A 8	919.5789	460.2934
662.3937	7	P 7	848.5418	424.7748
777.4206	8	D 6	751.4891	376.2484
890.5047	9	L 5	636.4621	318.7350
1052.6628	10	K 4	523.3780	262.1929
1139.6948	11	S 3	361.2199	181.1139
1238.7632	12	V 2	274.1879	137.5979
	13	R 1	175.1195	88.0637

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

AVAATAPPDAPNREEVDFER, MH+ 2183.0733, m/z 546.5238
 L OSG39 P180811 230811-s1.03815.03815.4.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+

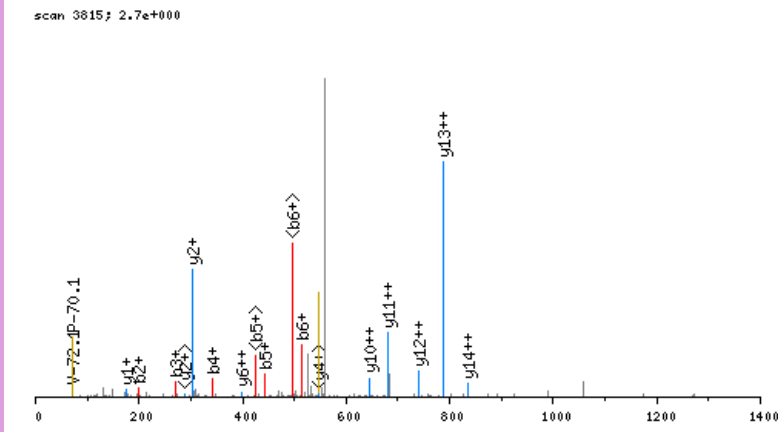
y + 2+ 3+

z + 2+ 3+

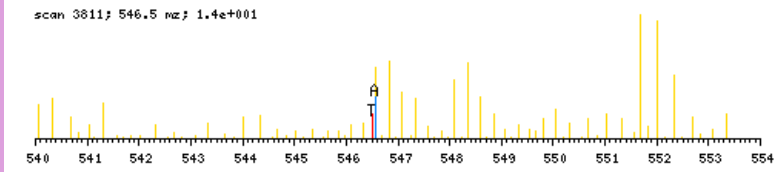
hide H₂O/NH₃

zoom 112-122

GO



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



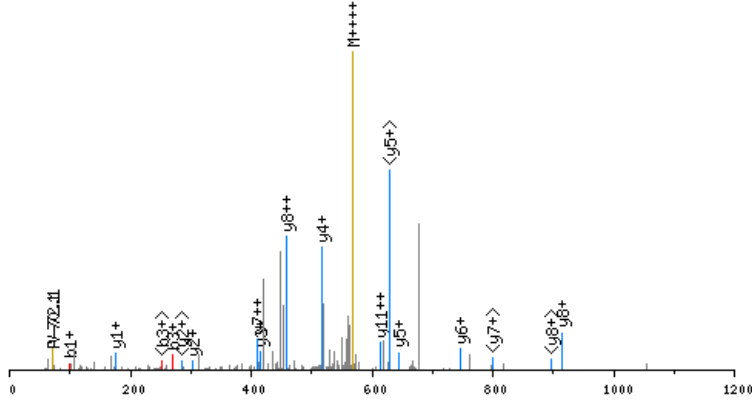
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
100.0762	1	A	20		
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

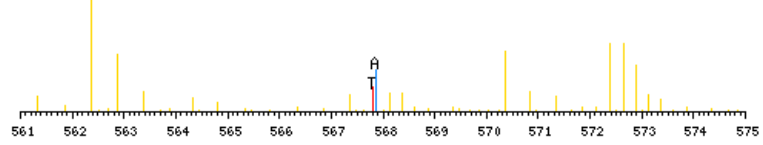
AVADKVKEDSQVPATQTLQR, MH+ 2268.2564, m/z 567.8196
 L OSG40 P180811 230811-s1.03816.03816.4.dta

scan 3816; 1.7e+000



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

scan 3814; 567.8 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⁺
100.0762	1	A	20		
199.1446	2	V	19	2169.1880	1085.0979
270.1817	3	A	18	2070.1196	1035.5637
385.2087	4	D	17	1999.0825	1000.0451
541.3350	5	K	16	1884.0555	942.5317
640.4034	6	V	15	1727.9292	864.4685
796.5297	7	K	14	1628.8608	814.9343
925.5723	8	E	13	1472.7345	736.8712
1040.5992	9	D	12	1343.6919	672.3499
1127.6313	10	S	11	1228.6650	614.8364
1255.6898	11	Q	10	1141.6329	571.3204
1354.7583	12	V	9	1013.5744	507.2911
1451.8110	13	P	8	914.5060	457.7569
1522.8481	14	A	7	817.4532	409.2305
1623.8958	15	T	6	746.4161	373.7120
1751.9544	16	Q	5	645.3684	323.1881
1853.0021	17	T	4	517.3098	259.1588
1966.0861	18	L	3	416.2621	208.6350
2094.1447	19	Q	2	303.1781	152.0930
	20	R	1	175.1195	88.0637

N-term:+29.04 K(5):+156.13
 K(7):+156.13

AVAAELENVSGKYFDGLR, MH+ 2053.0606, m/z 685.0251
 L OSG39 P180811 230811-s1.07089.07089.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

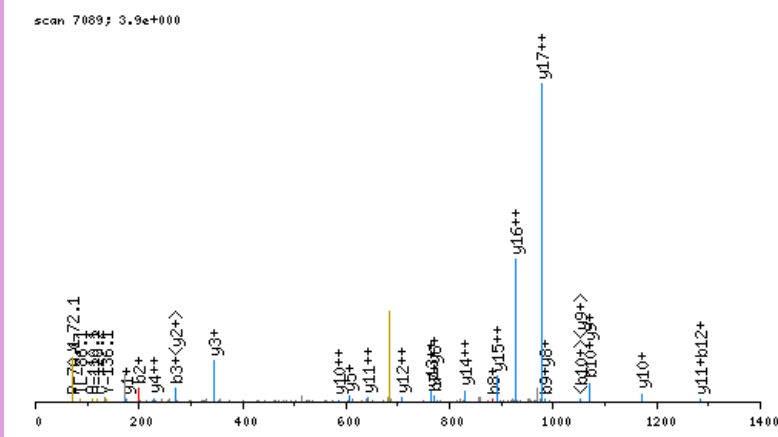
y + 2+ 3+

z + 2+ 3+

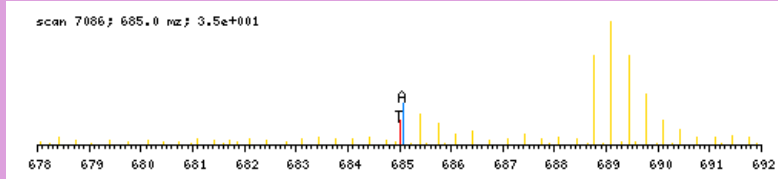
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
199.1446	2	V 17	1953.9922	977.5000
270.1817	3	A 16	1854.9238	927.9658
399.2243	4	E 15	1783.8867	892.4473
528.2669	5	E 14	1654.8441	827.9260
641.3510	6	L 13	1525.8015	763.4047
770.3936	7	E 12	1412.7174	706.8626
884.4365	8	N 11	1283.6748	642.3413
983.5049	9	V 10	1169.6319	585.3199
1070.5370	10	S 9	1070.5635	535.7857
1127.5584	11	G 8	983.5315	492.2697
1283.6847	12	K 7	926.5100	463.7589
1446.7480	13	Y 6	770.3837	385.6958
1593.8165	14	F 5	607.3204	304.1641
1708.8434	15	D 4	460.2520	230.6299
1765.8649	16	G 3	345.2250	173.1164
1878.9489	17	L 2	288.2036	144.6057
	18	R 1	175.1195	88.0637

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

AVEEQYSCEYGSGR, MH+ 1668.7387, m/z 556.9178
 H OSG37 P180811 230811-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+

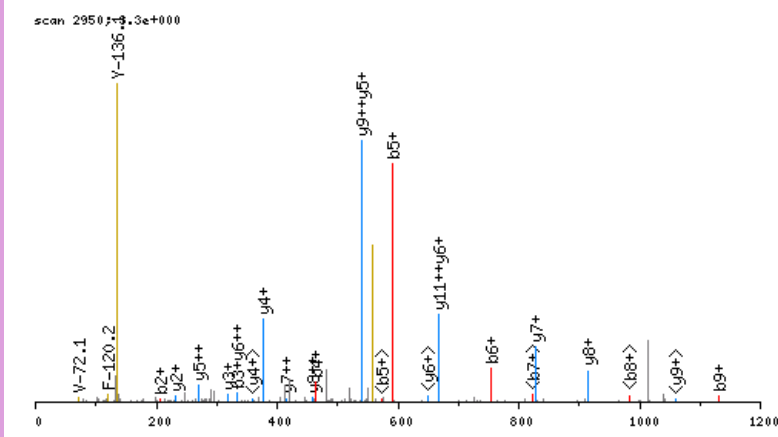
y + 2+ 3+

z + 2+ 3+

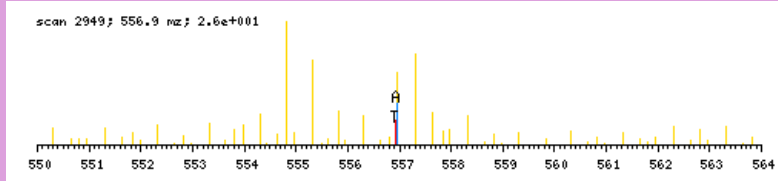
hide H₂O/NH₃

zoom 112-122

GO



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



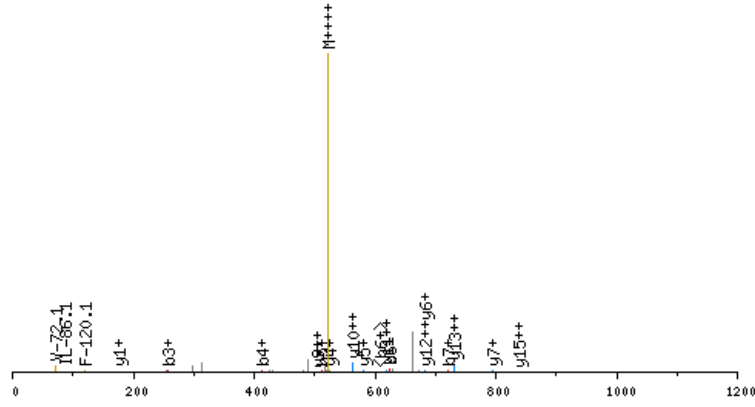
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
106.1080	1	A 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

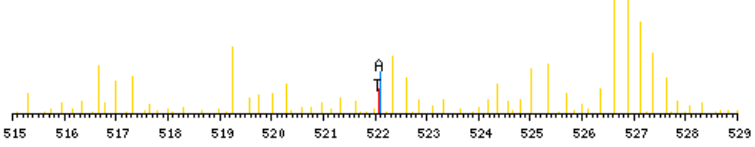
AVGKVIPELNGKLTGMAFR, MH+ 2085.2259, m/z 522.0619
 L OSG40 P180811 230811-s1.07430.07430.4.dta

scan 7430; 2.1e+001



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

scan 7429; 522.1 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	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

AVIMGAPGSGKGTVSSR, MH+ 1642.9587, m/z 548.3244
 H OSG39 P180811 230811-s1.02623.02623.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

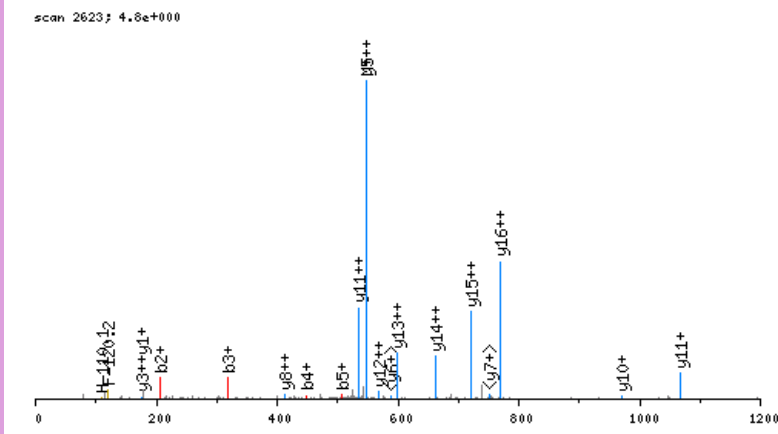
y + 2+ 3+

z + 2+ 3+

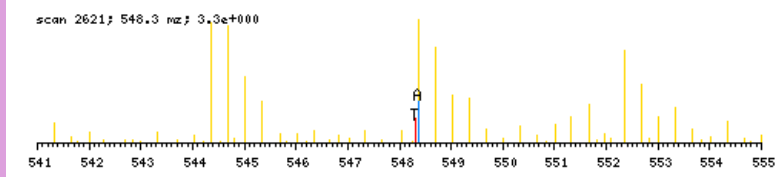
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
205.1764	2	V 16	1537.8585	769.4331
318.2605	3	I 15	1438.7901	719.8989
449.3010	4	M 14	1325.7060	663.3569
506.3224	5	G 13	1194.6655	597.8367
577.3596	6	A 12	1137.6440	569.3259
674.4123	7	P 11	1066.6069	533.8074
731.4338	8	G 10	969.5542	485.2810
818.4658	9	S 9	912.5327	456.7703
875.4873	10	G 8	825.5007	413.2543
1037.6454	11	K 7	768.4792	384.7435
1094.6668	12	G 6	606.3211	303.6645
1195.7145	13	T 5	549.2997	275.1537
1294.7829	14	V 4	448.2520	224.6299
1381.8150	15	S 3	349.1836	175.0957
1468.8470	16	S 2	262.1515	131.5797
	17	R 1	175.1195	88.0637

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

AVLDKPELSSDASTR, MH+ 1745.9285, m/z 582.6477
 L OSG39 P180811 230811-s1.03067.03067.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

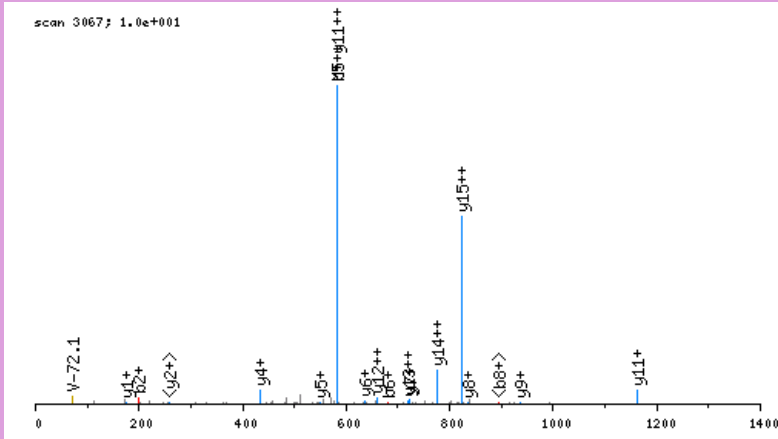
y + 2+ 3+

z + 2+ 3+

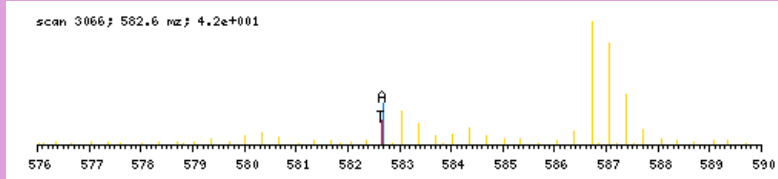
hide H₂O/NH₃

zoom 112-122

GO



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



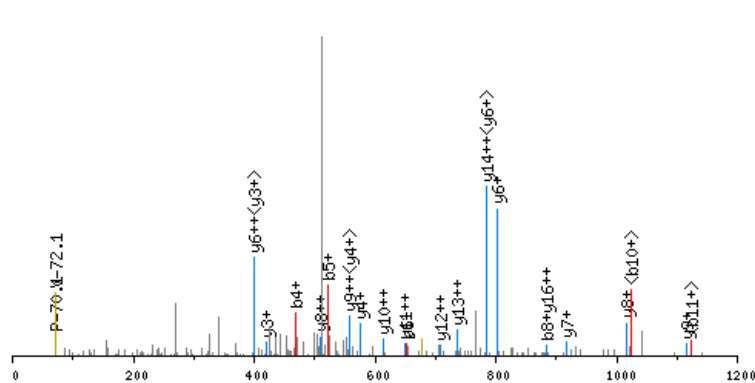
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 16		
199.1446	2	V 15	1646.8601	823.9340
312.2287	3	L 14	1547.7917	774.3998
427.2556	4	D 13	1434.7077	717.8577
583.3819	5	K 12	1319.6807	660.3443
680.4347	6	P 11	1163.5544	582.2811
809.4773	7	E 10	1066.5017	533.7547
910.5250	8	T 9	937.4591	469.2334
1023.6090	9	L 8	836.4114	418.7096
1110.6411	10	S 7	723.3273	362.1676
1197.6731	11	S 6	636.2953	318.6516
1312.7000	12	D 5	549.2633	275.1355
1383.7371	13	A 4	434.2363	217.6221
1470.7692	14	S 3	363.1992	182.1035
1571.8169	15	T 2	276.1672	138.5875
	16	R 1	175.1195	88.0637

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

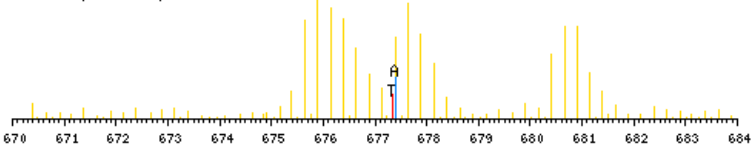
AVMHGETEGTVPGNALVVDPEKPFPR, MH+ 2706.3925, m/z 677.3536
 L OSG40 P180811 230811-s1.06793.06793.4.dta

scan 6793; 1.3e+000



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

scan 6789; 677.4 m/z; 1.5e+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⁺
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

AVNAAQDSTDLVAKLR, MH+ 1727.9656, m/z 576.6600
 L OSG39 P180811 230811-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+

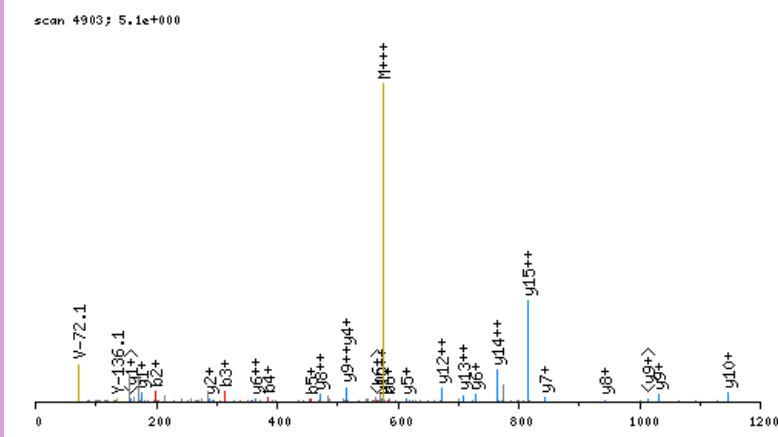
y + 2+ 3+

z + 2+ 3+

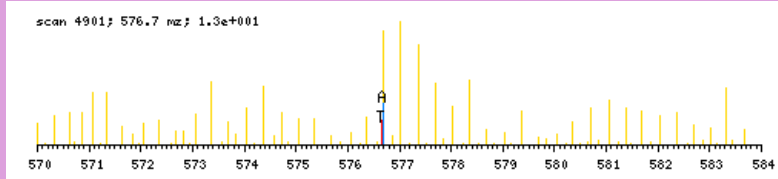
hide H₂O/NH₃

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⁺
100.0762	1	A 16		
199.1446	2	V 15	1628.8972	814.9525
313.1876	3	N 14	1529.8288	765.4183
384.2247	4	A 13	1415.7859	708.3968
455.2618	5	A 12	1344.7487	672.8783
583.3204	6	Q 11	1273.7116	637.3597
698.3473	7	D 10	1145.6530	573.3304
785.3793	8	S 9	1030.6261	515.8170
886.4270	9	T 8	943.5941	472.3010
1001.4540	10	D 7	842.5464	421.7771
1114.5380	11	L 6	727.5195	364.2636
1213.6064	12	V 5	614.4354	307.7216
1284.6435	13	A 4	515.3670	258.1874
1440.7698	14	K 3	444.3299	222.6688
1553.8539	15	L 2	288.2036	144.6057
	16	R 1	175.1195	88.0637

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

AVPIAQKSEPOSLSNEALMR, MH+ 2225.1964, m/z 557.0546
 L OSG39 P180811 230811-s1.04460.04460.4.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+

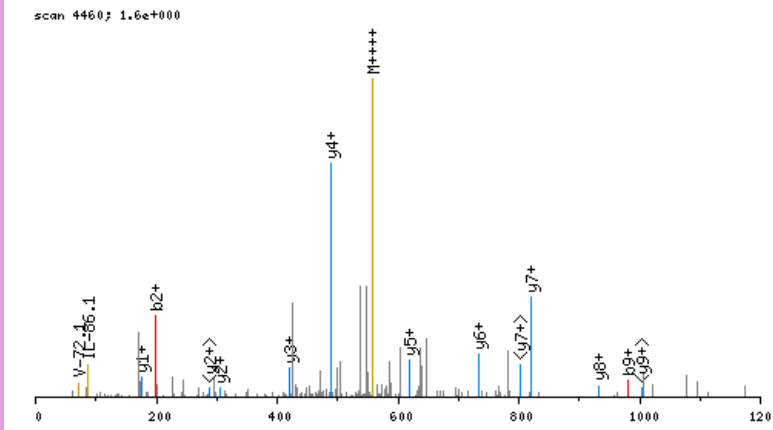
y + 2+ 3+

z + 2+ 3+

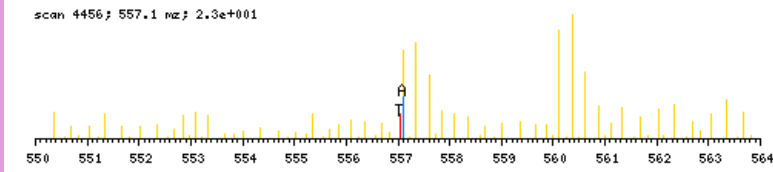
hide H₂O/NH₃

zoom 112-122

GO



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

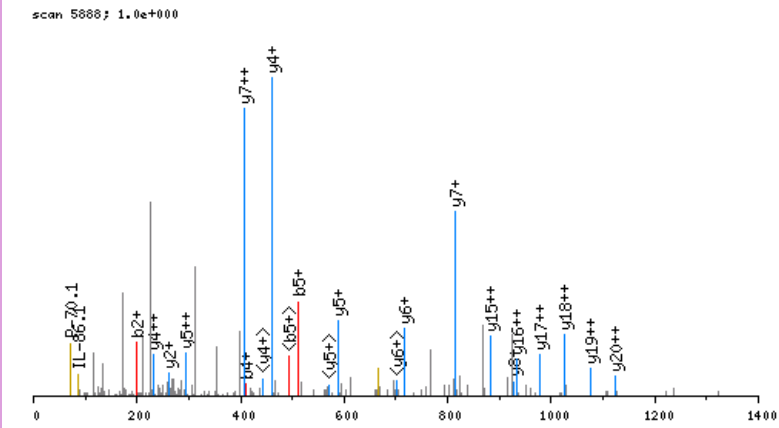


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

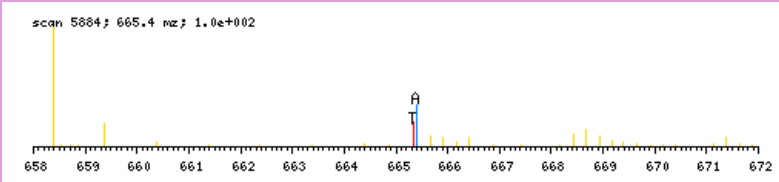
b ⁺	#	AA	#	y ⁺	y ²⁺
100.0762	1	A	20		
199.1446	2	V	19	2126.1280	1063.5679
296.1974	3	P	18	2027.0596	1014.0337
409.2815	4	I	17	1930.0068	965.5073
480.3186	5	A	16	1816.9228	908.9653
608.3771	6	Q	15	1745.8856	873.4467
764.5034	7	K	14	1617.8271	809.4174
851.5355	8	S	13	1461.7008	731.3543
980.5781	9	E	12	1374.6687	687.8383
1077.6308	10	P	11	1245.6261	623.3170
1205.6894	11	Q	10	1148.5734	574.7906
1292.7214	12	S	9	1020.5148	510.7613
1405.8055	13	L	8	933.4828	467.2453
1492.8375	14	S	7	820.3987	410.7033
1606.8805	15	N	6	733.3667	367.1873
1735.9231	16	E	5	619.3238	310.1658
1806.9602	17	A	4	490.2812	245.6445
1920.0442	18	L	3	419.2440	210.1259
2051.0847	19	M	2	306.1600	153.5839
	20	R	1	175.1195	88.0637

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

AVPNTTPSTFPVKLEEDLPQEPTSR, MH+ 2658.3990, m/z 665.3552
 L OSG38 P180811 230811-s1.05888.05888.4.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⁺
100.0762	1	A 24		
199.1446	2	V 23	2559.3307	1280.1692
296.1974	3	P 22	2460.2622	1230.6350
410.2403	4	N 21	2363.2095	1182.1087
511.2880	5	T 20	2249.1666	1125.0872
608.3408	6	P 19	2148.1189	1074.5634
705.3935	7	P 18	2051.0661	1026.0370
792.4256	8	S 17	1954.0133	977.5106
893.4732	9	T 16	1866.9813	933.9946
990.5260	10	P 15	1765.9336	883.4707
1089.5944	11	V 14	1668.8809	834.9444
1245.7207	12	K 13	1569.8125	785.4101
1358.8048	13	L 12	1413.6862	707.3470
1487.8474	14	E 11	1300.6021	650.8050
1616.8900	15	E 10	1171.5595	586.2837
1731.9169	16	D 9	1042.5169	521.7624
1845.0010	17	L 8	927.4900	464.2489
1942.0537	18	P 7	814.4059	407.7069
2070.1123	19	Q 6	717.3531	359.1805
2199.1549	20	E 5	589.2946	295.1512
2296.2077	21	P 4	460.2520	230.6299
2397.2553	22	T 3	363.1992	182.1035
2484.2874	23	S 2	262.1515	131.5797
	24	R 1	175.1195	88.0637

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

AVRPLQLLGTCALCR, MH+ 1891.0469, m/z 631.0205
 H OSG40 P180811 230811-s1.07371.07371.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

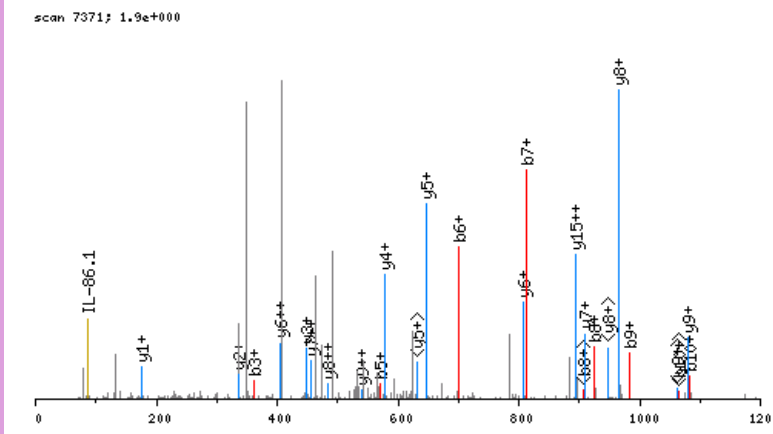
y + 2+ 3+

z + 2+ 3+

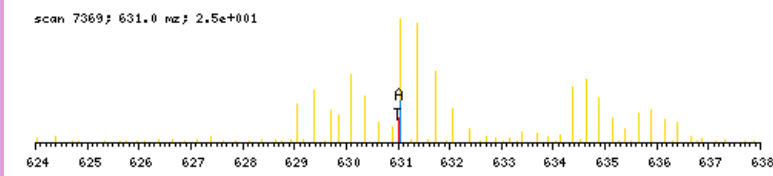
hide H₂O/NH₃

zoom 112-122

GO



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



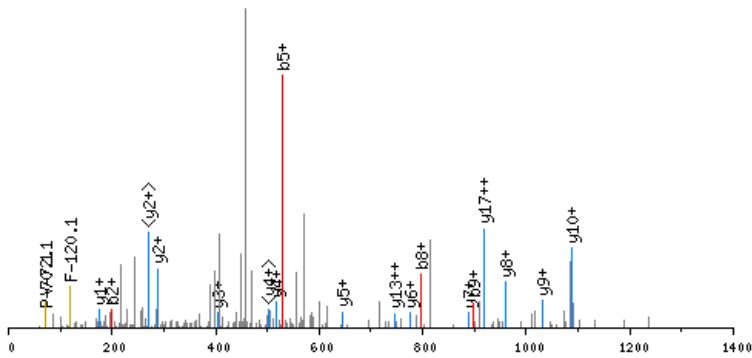
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
106.1080	1	A	16		
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

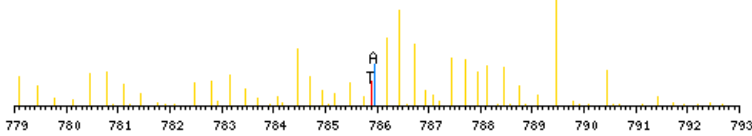
AVSQNPGDVLTPVPTGSQEFGAADQDDLR, MH+ 3140.5136, m/z 785.8839
L OSG36 P180811 230811-s1.04841.04841.4.dta

scan 4841: 1.1e+000



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

scan 4839: 785.9 m/z; 2.0e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 30		
199.1446	2	V 29	3041.4452	1521.2265
286.1767	3	S 28	2942.3768	1471.6923
414.2352	4	Q 27	2855.3448	1428.1763
528.2782	5	N 26	2727.2862	1364.1470
625.3309	6	P 25	2613.2433	1307.1255
682.3524	7	G 24	2516.1905	1258.5992
797.3793	8	D 23	2459.1690	1230.0884
896.4477	9	V 22	2344.1421	1172.5750
1009.5318	10	L 21	2245.0737	1123.0408
1110.5795	11	T 20	2131.9896	1066.4987
1207.6323	12	P 19	2030.9419	1015.9749
1306.7007	13	V 18	1933.8892	967.4485
1403.7534	14	P 17	1834.8208	917.9143
1504.8011	15	T 16	1737.7680	869.3879
1561.8226	16	G 15	1636.7203	818.8641
1648.8546	17	S 14	1579.6989	790.3533
1776.9132	18	Q 13	1492.6668	746.8373
1905.9558	19	E 12	1364.6082	682.8080
2053.0242	20	F 11	1235.5657	618.2867
2110.0456	21	G 10	1088.4972	544.7525
2181.0828	22	A 9	1031.4758	516.2418
2252.1199	23	A 8	960.4387	480.7232
2367.1468	24	D 7	889.4015	445.2047
2495.2054	25	Q 6	774.3746	387.6912
2623.2640	26	Q 5	646.3160	323.6619
2738.2909	27	D 4	518.2575	259.6326
2853.3179	28	D 3	403.2305	202.1192
2966.4019	29	L 2	288.2036	144.6057
	30	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+

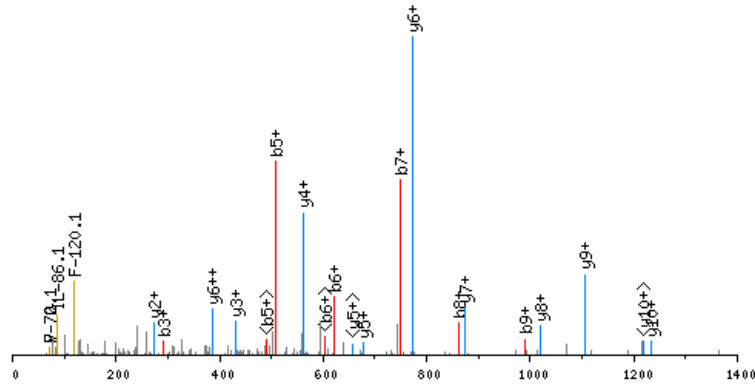
hide H₂O/NH₃

zoom 112-122

GO

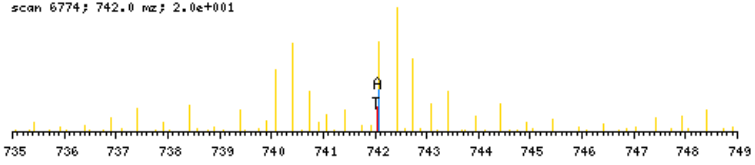
AVSSELQIQSFPVDECPR, MH+ 2224.1131, m/z 742.0426
 H OSG37 P180811 230811-s1.06776.06776.3.dta

scan 6776; 1.9e+000



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

scan 6774; 742.0 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⁺
106.1080	1	A	19		
205.1764	2	V	18	2119.0129	1060.0104
292.2085	3	S	17	2019.9445	1010.4762
379.2405	4	S	16	1932.9125	966.9602
508.2831	5	E	15	1845.8805	923.4441
621.3671	6	L	14	1716.8379	858.9229
749.4257	7	Q	13	1603.7538	802.3808
862.5098	8	I	12	1475.6952	738.3515
990.5684	9	Q	11	1362.6112	681.8095
1118.6269	10	Q	10	1234.5526	617.7802
1205.6590	11	S	9	1106.4940	553.7509
1352.7274	12	F	8	1019.4620	510.2349
1451.7958	13	V	7	872.3936	436.7007
1548.8486	14	P	6	773.3252	387.1665
1663.8755	15	D	5	676.2724	338.6401
1792.9181	16	E	4	561.2455	281.1266
1952.9487	17	C	3	432.2029	216.6053
2050.0015	18	P	2	272.1723	136.5900
	19	R	1	175.1195	88.0637

N-term:+35.07 C(17):+160.03

AVSSLATARKGPSEVR, MH+ 1597.9550, m/z 533.3232
 H OSG39 P180811 230811-s1.02564.02564.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

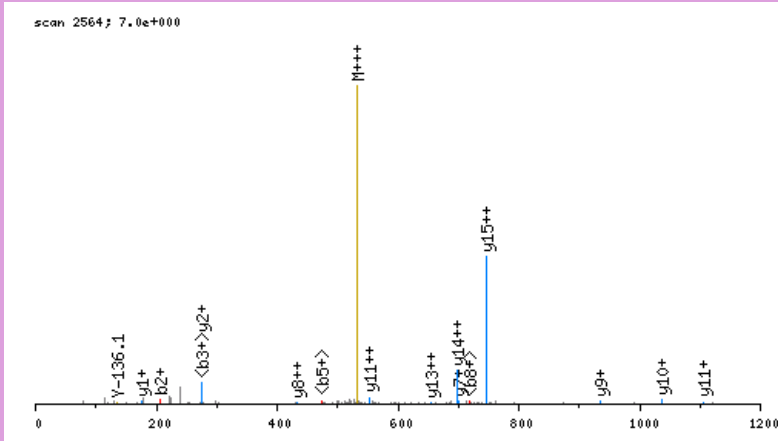
y + 2+ 3+

z + 2+ 3+

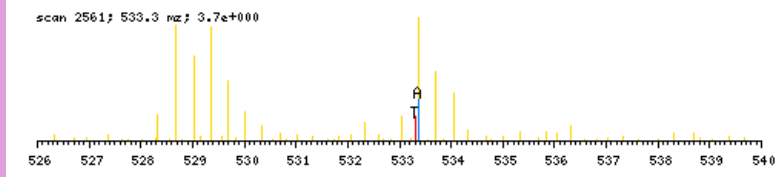
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
205.1764	2	V 15	1492.8548	746.9313
292.2085	3	S 14	1393.7864	697.3971
379.2405	4	S 13	1306.7543	653.8811
492.3245	5	L 12	1219.7223	610.3651
563.3617	6	A 11	1106.6382	553.8230
664.4093	7	T 10	1035.6011	518.3045
735.4465	8	A 9	934.5534	467.7806
897.6046	9	K 8	863.5163	432.2621
954.6260	10	G 7	701.3582	351.1830
1011.6475	11	G 6	644.3368	322.6723
1108.7002	12	P 5	587.3153	294.1616
1195.7323	13	S 4	490.2625	245.6352
1324.7749	14	E 3	403.2305	202.1192
1423.8433	15	V 2	274.1879	137.5979
	16	R 1	175.1195	88.0637

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

AVTVDPSTNAKR, MH+ 1571.8215, m/z 524.6120
 L OSG39 P180811 230811-s1.02303.02303.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

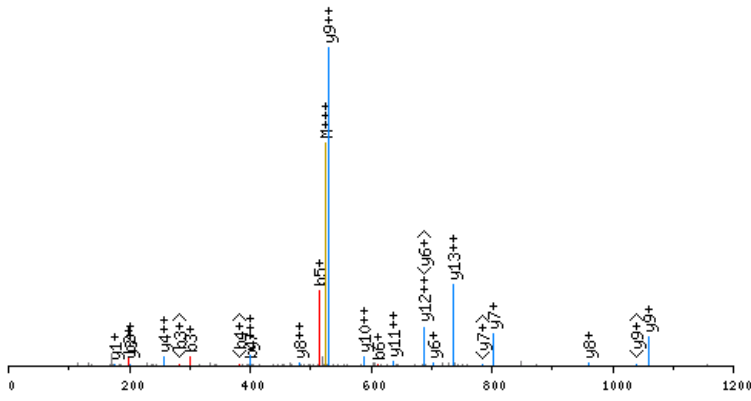
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

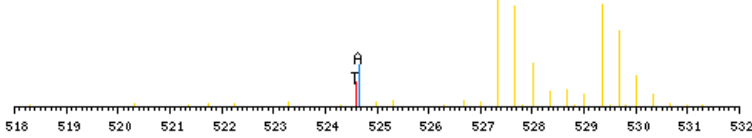
GO

scan 2303; 5.5e+000



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

scan 2302; 524.6 mz; 5.6e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
100.0762	1	A 14		
199.1446	2	V 13	1472.7531	736.8805
300.1923	3	T 12	1373.6847	687.3463
399.2607	4	V 11	1272.6370	636.8224
514.2877	5	D 10	1173.5686	587.2882
611.3404	6	P 9	1058.5417	529.7748
771.3710	7	C 8	961.4889	481.2484
868.4238	8	P 7	801.4583	401.2331
955.4558	9	S 6	704.4055	352.7067
1056.5035	10	T 5	617.3735	309.1907
1170.5464	11	N 4	516.3258	258.6668
1241.5835	12	A 3	402.2829	201.6454
1397.7098	13	K 2	331.2458	166.1268
	14	R 1	175.1195	88.0637

N-term:+29.04 C(7):+160.03
 K(13):+156.13

AVVTCGSVVKLLNTR, MH+ 1685.0420, m/z 562.3522
 H OSG39 P180811 230811-s1.05487.05487.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

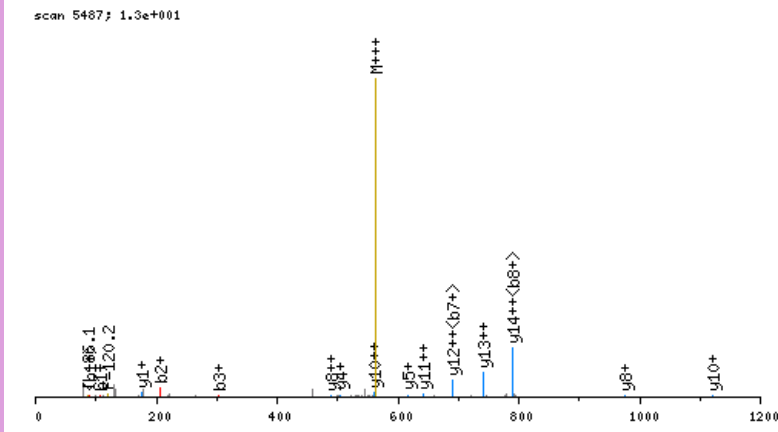
y + 2+ 3+

z + 2+ 3+

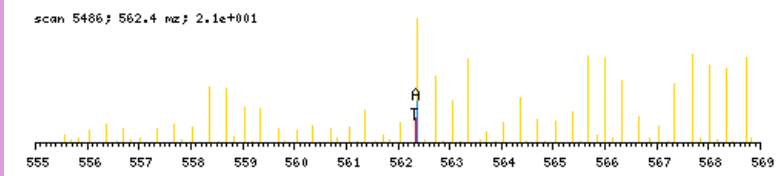
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	15		
205.1764	2	V	14	1579.9418	790.4748
304.2448	3	V	13	1480.8733	740.9406
405.2925	4	T	12	1381.8049	691.4064
565.3231	5	C	11	1280.7573	640.8825
622.3446	6	G	10	1120.7267	560.8672
709.3766	7	S	9	1063.7052	532.3565
808.4450	8	V	8	976.6732	488.8405
907.5134	9	V	7	877.6047	439.3063
1069.6715	10	K	6	778.5363	389.7721
1182.7556	11	L	5	616.3782	308.6930
1295.8397	12	L	4	503.2942	252.1510
1409.8826	13	N	3	390.2101	195.6090
1510.9303	14	T	2	276.1672	138.5875
	15	R	1	175.1195	88.0637

N-term:+35.07 C(5):+160.03
 K(10):+162.16

CASQVGMTAPGTR, MH+ 1369.6780, m/z 457.2308
 H OSG37 P180811 230811-s1.02623.02623.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

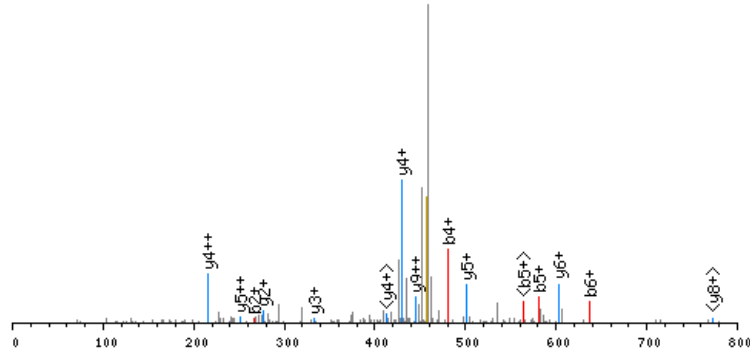
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

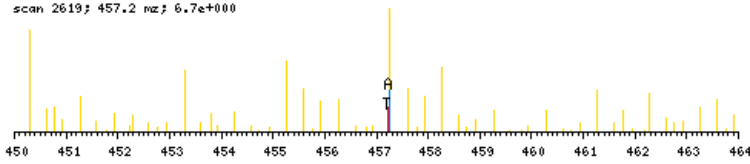
GO

scan 2623; 1.9e+000



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

scan 2619; 457.2 m/z; 6.7e+000



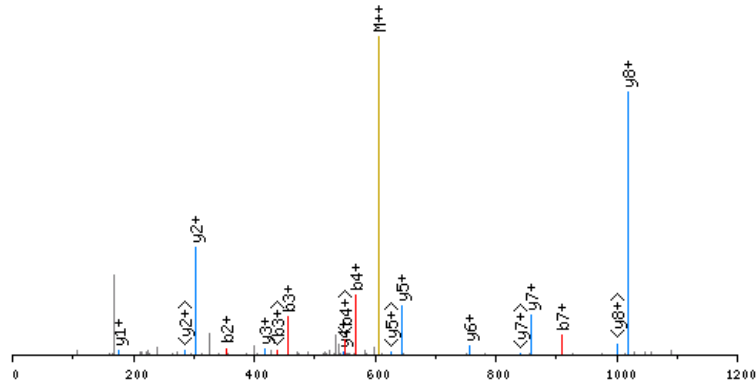
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
195.1015	1	C 13		
266.1386	2	A 12	1175.5843	588.2961
353.1706	3	S 11	1104.5472	552.7775
481.2292	4	Q 10	1017.5151	509.2615
580.2976	5	V 9	889.4566	445.2322
637.3191	6	G 8	790.3881	395.6980
768.3596	7	M 7	733.3667	367.1873
869.4073	8	T 6	602.3262	301.6670
940.4444	9	A 5	501.2785	251.1432
1037.4971	10	P 4	430.2414	215.6246
1094.5186	11	G 3	333.1886	167.0982
1195.5663	12	T 2	276.1672	138.5875
	13	R 1	175.1195	88.0637

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

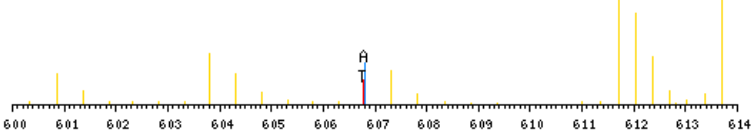
CCTLPEDQR, MH+ 1212.5564, m/z 606.7818
 H OSG38 P180811 230811-s1.02203.02203.2.dta

scan 2203; 3.3e+000



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

scan 2199; 606.8 nz; 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⁺
195.1015	1	C	9	
355.1321	2	C	8	1018.4627
456.1798	3	T	7	858.4321
569.2638	4	L	6	757.3844
666.3166	5	P	5	644.3004
795.3592	6	E	4	547.2476
910.3861	7	D	3	418.2050
1038.4447	8	Q	2	303.1781
	9	R	1	175.1195

N-term: +35.07 C(1): +160.03
 C(2): +160.03

CDTFVALPPATVGNR, MH+ 1651.8689, m/z 551.2945
 H OSG37 P180811 230811-s1.06238.06238.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

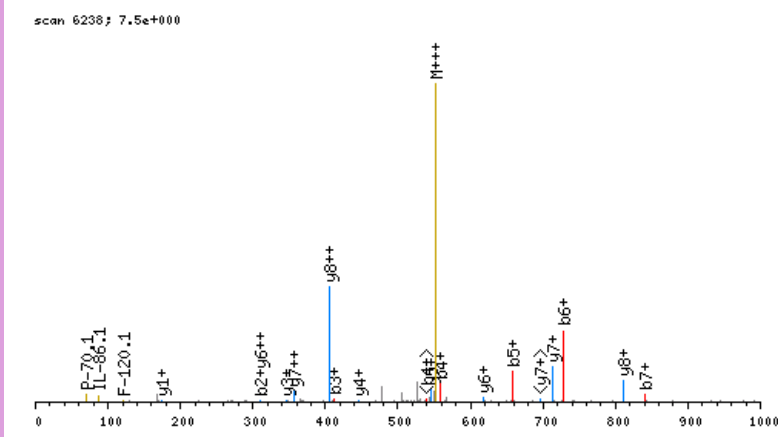
y + 2+ 3+

z + 2+ 3+

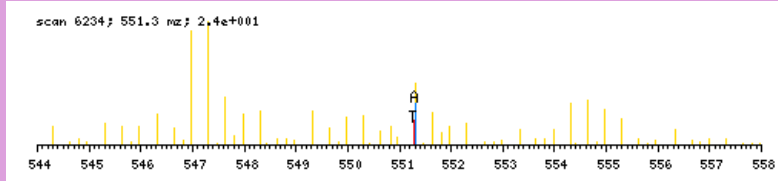
hide H₂O/NH₃

zoom 112-122

GO



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



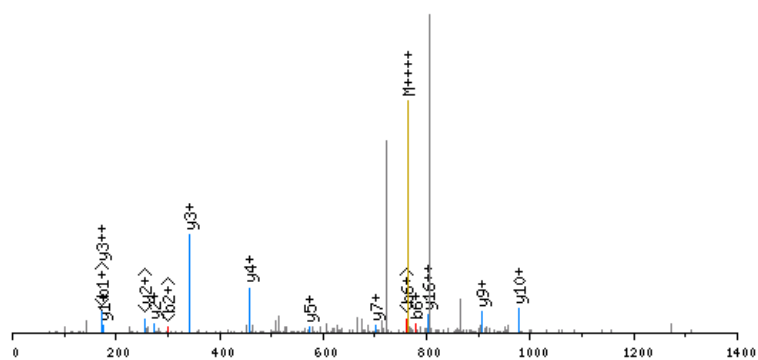
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

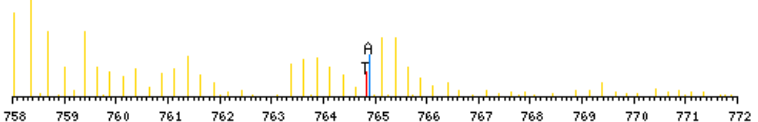
CEEETALVCDNNGSLCKAGFAGDDAPR, MH+ 3056.3398, m/z 764.8404
 L OSG36 P180811 230811-s1.04576.04576.4.dta

scan 4576; 2.5e+000



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

scan 4574; 764.8 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⁺
189.0697	1	C 28		
318.1123	2	E 27	2868.2780	1434.6429
447.1549	3	E 26	2739.2354	1370.1216
576.1975	4	E 25	2610.1928	1305.6003
677.2452	5	T 24	2481.1502	1241.0790
778.2928	6	T 23	2380.1025	1190.5552
849.3300	7	A 22	2279.0548	1140.0313
962.4140	8	L 21	2208.0177	1104.5128
1061.4824	9	V 20	2094.9336	1047.9707
1221.5130	10	C 19	1995.8652	998.4365
1336.5400	11	D 18	1835.8346	918.4212
1450.5829	12	N 17	1720.8077	860.9078
1507.6044	13	G 16	1606.7648	803.8863
1594.6364	14	S 15	1549.7433	775.3756
1651.6579	15	G 14	1462.7113	731.8595
1764.7419	16	L 13	1405.6898	703.3488
1924.7725	17	C 12	1292.6057	646.8068
2080.8988	18	K 11	1132.5751	566.7915
2151.9359	19	A 10	976.4488	488.7283
2208.9574	20	G 9	905.4117	453.2098
2356.0258	21	F 8	848.3903	424.6990
2427.0629	22	A 7	701.3218	351.1648
2484.0844	23	G 6	630.2847	315.6463
2599.1113	24	D 5	573.2633	287.1355
2714.1383	25	D 4	458.2363	229.6221
2785.1754	26	A 3	343.2094	172.1086
2882.2282	27	P 2	272.1723	136.5900
	28	R 1	175.1195	88.0637

N-term:+29.04 C(1):+160.03
 C(10):+160.03 C(17):+160.03
 K(18):+156.13

CEIGYELDR, MH+ 1182.5464, m/z 591.7769
 L OSG38 P180811 230811-s1.04452.04452.2.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+

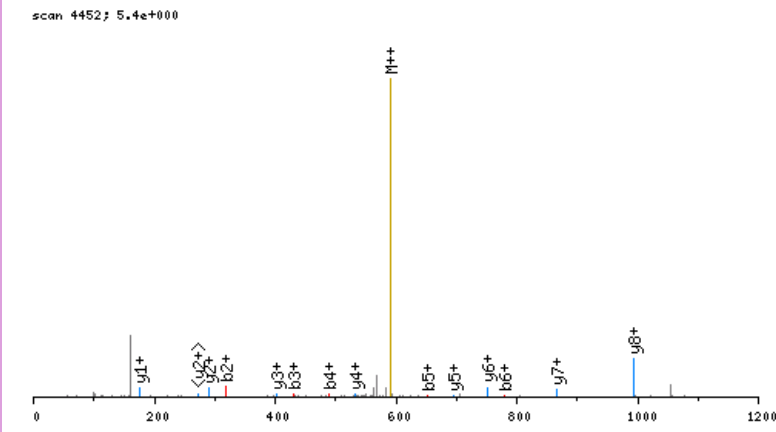
y + 2+ 3+

z + 2+ 3+

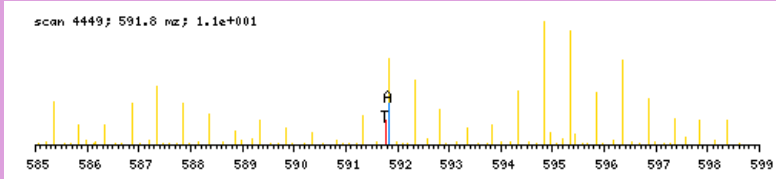
hide H₂O/NH₃

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⁺
189.0697	1	C	9	
318.1123	2	E	8	994.4846
431.1964	3	I	7	865.4420
488.2178	4	G	6	752.3579
651.2811	5	Y	5	695.3364
780.3237	6	E	4	532.2731
893.4078	7	L	3	403.2305
1008.4347	8	D	2	290.1464
	9	R	1	175.1195

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

CEPTVCQPTCYQR, MH+ 1726.7350, m/z 576.2498
 L OSG37 P180811 230811-s1.03117.03117.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

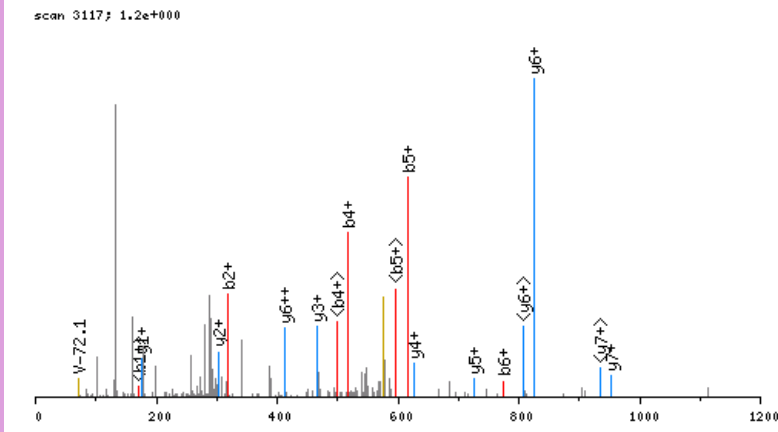
y + 2+ 3+

z + 2+ 3+

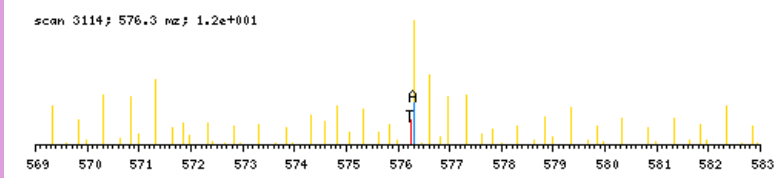
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 13		
318.1123	2	E 12	1538.6731	769.8405
415.1651	3	P 11	1409.6305	705.3192
516.2127	4	T 10	1312.5777	656.7928
615.2811	5	V 9	1211.5300	606.2689
775.3117	6	C 8	1112.4616	556.7347
903.3703	7	Q 7	952.4310	476.7194
1000.4231	8	P 6	824.3724	412.6901
1101.4708	9	T 5	727.3197	364.1638
1261.5014	10	C 4	626.2720	313.6399
1424.5647	11	Y 3	466.2414	233.6246
1552.6233	12	Q 2	303.1781	152.0930
	13	R 1	175.1195	88.0637

N-term:+29.04 C(1):+160.03
 C(6):+160.03 C(10):+160.03

CFSTEGPNLVTR, MH+ 1408.6894, m/z 470.2347
 L OSG38 P180811 230811-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+

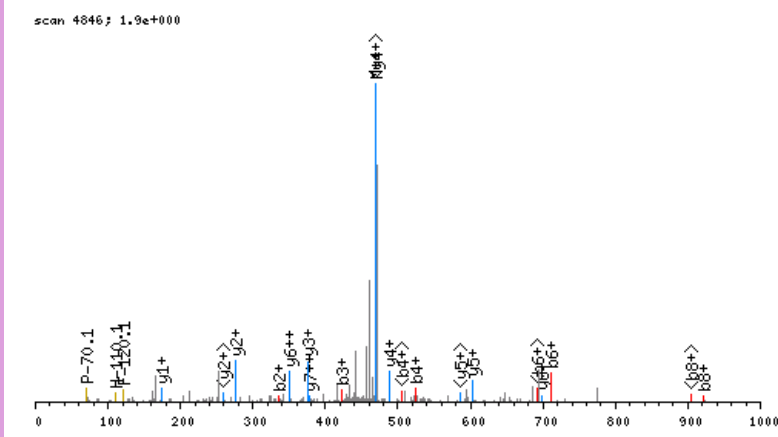
y + 2+ 3+

z + 2+ 3+

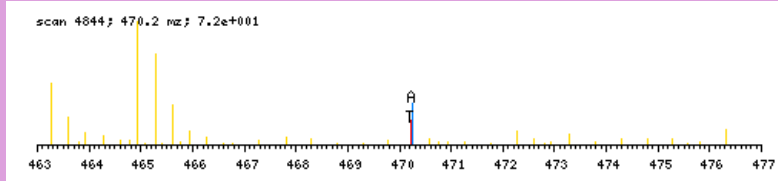
hide H₂O/NH₃

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⁺
189.0697	1	C 12		
336.1381	2	F 11	1220.6275	610.8177
423.1701	3	S 10	1073.5591	537.2835
524.2178	4	T 9	986.5271	493.7675
653.2604	5	E 8	885.4794	443.2436
710.2819	6	G 7	756.4368	378.7223
807.3346	7	P 6	699.4153	350.2116
921.3776	8	N 5	602.3626	301.6852
1034.4616	9	L 4	488.3197	244.6637
1133.5300	10	V 3	375.2356	188.1217
1234.5777	11	T 2	276.1672	138.5875
	12	R 1	175.1195	88.0637

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

CFVYPLDFAR, MH+ 1321.6826, m/z 661.3450
 H OSG37 P180811 230811-s1.08213.08213.2.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+

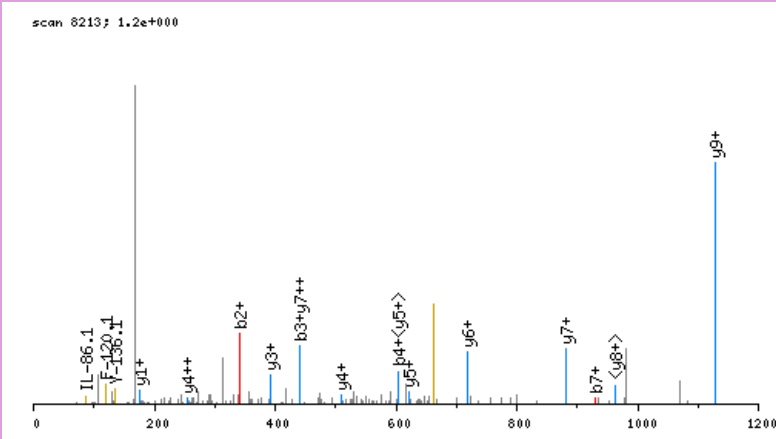
y + 2+ 3+

z + 2+ 3+

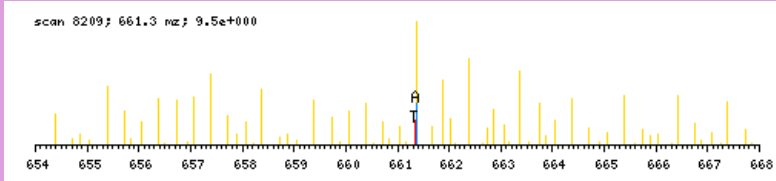
hide H₂O/NH₃

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⁺
195.1015	1	C 10		
342.1699	2	F 9	1127.5890	564.2984
441.2383	3	V 8	980.5205	490.7642
604.3017	4	Y 7	881.4521	441.2300
701.3544	5	P 6	718.3888	359.6983
814.4385	6	L 5	621.3360	311.1719
929.4654	7	D 4	508.2520	254.6299
1076.5338	8	F 3	393.2250	197.1164
1147.5710	9	A 2	246.1566	123.5822
	10	R 1	175.1195	88.0637

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

CGEEQGADAALHFNPR, MH+ 1799.8134, m/z 600.6093
 L OSG40 P180811 230811-s1.04885.04885.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

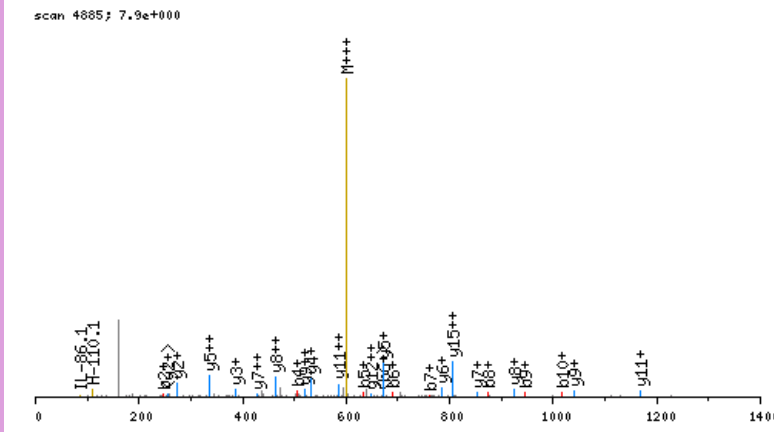
y + 2+ 3+

z + 2+ 3+

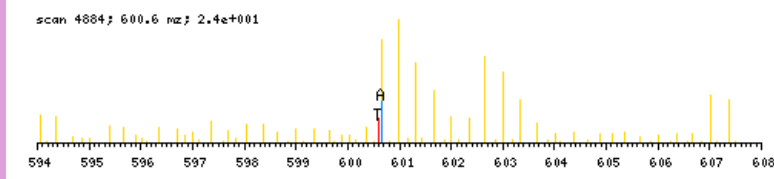
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 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

CGYYGNYYGGR, MH+ 1357.5635, m/z 679.2854
 L OSG38 P180811 230811-s1.03696.03696.2.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+

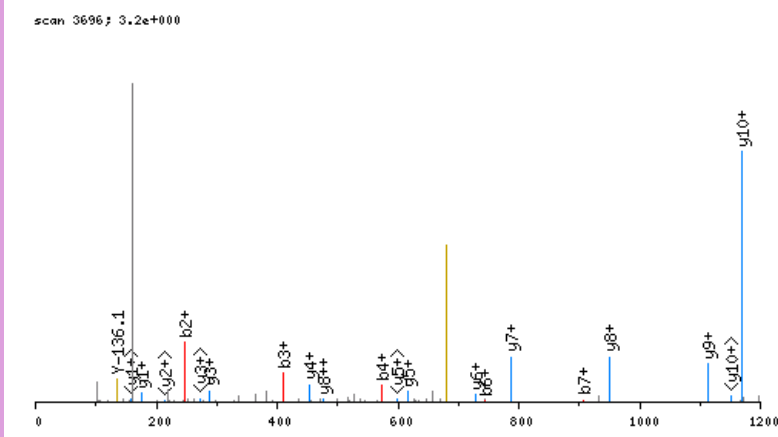
y + 2+ 3+

z + 2+ 3+

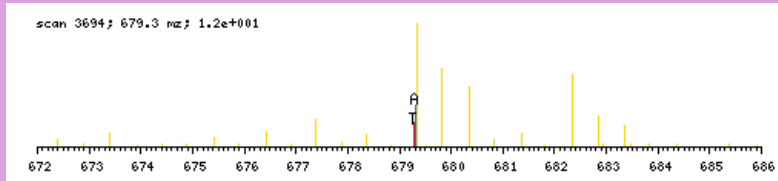
hide H₂O/NH₃

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⁺
189.0697	1	C 11		
246.0912	2	G 10	1169.5016	585.2547
409.1545	3	Y 9	1112.4801	556.7440
572.2178	4	Y 8	949.4168	475.2123
629.2393	5	G 7	786.3535	393.6807
743.2822	6	N 6	729.3320	365.1699
906.3455	7	Y 5	615.2891	308.1485
1069.4089	8	Y 4	452.2258	226.6168
1126.4303	9	G 3	289.1624	145.0851
1183.4518	10	G 2	232.1410	116.5744
	11	R 1	175.1195	88.0637

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

CKEIIIGTSESEPMLSHTVR, MH+ 2299.2062, m/z 575.5570
 H OSG36 P180811 230811-s1.05468.05468.4.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+

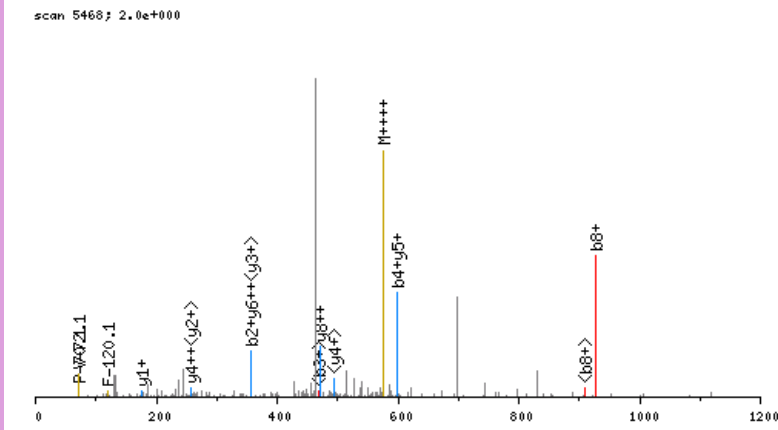
y + 2+ 3+

z + 2+ 3+

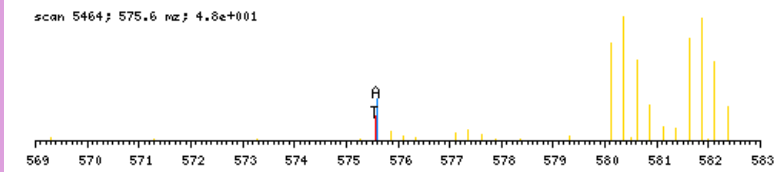
hide H₂O/NH₃

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⁺
195.1015	1	C	20		
357.2596	2	K	19	2105.1125	1053.0602
486.3022	3	E	18	1942.9544	971.9811
599.3863	4	I	17	1813.9118	907.4598
712.4703	5	I	16	1700.8278	850.9178
769.4918	6	G	15	1587.7437	794.3758
826.5132	7	G	14	1530.7222	765.8650
927.5609	8	T	13	1473.7008	737.3543
1014.5930	9	S	12	1372.6531	686.8305
1143.6355	10	E	11	1285.6211	643.3144
1230.6676	11	S	10	1156.5785	578.7931
1359.7102	12	E	9	1069.5464	535.2771
1456.7629	13	P	8	940.5038	470.7558
1587.8034	14	M	7	843.4511	422.2295
1700.8875	15	L	6	712.4106	356.7092
1787.9195	16	S	5	599.3265	300.1672
1924.9784	17	H	4	512.2945	256.6512
2026.0261	18	T	3	375.2356	188.1217
2125.0945	19	V	2	274.1879	137.5979
	20	R	1	175.1195	88.0637

N-term:+35.07 C(1):+160.03
 K(2):+162.16

CQFVGGISTVCQPTCGVSR, MH+ 2090.9784, m/z 697.6643
 L OSG37 P180811 230811-s1.04400.04400.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

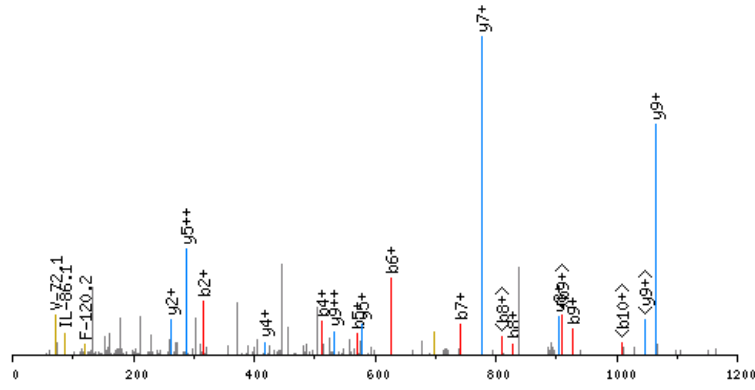
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

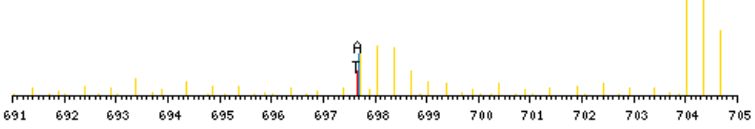
GO

scan 4400; 1.5e+000



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

scan 4399; 697.7 m/z; 3.3e+001



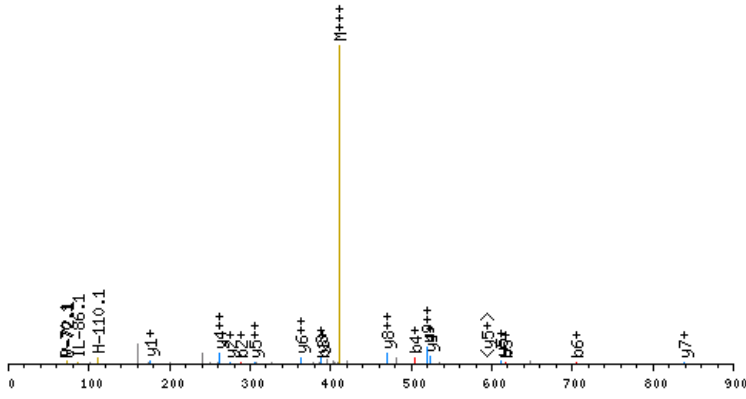
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
189.0697	1	C	19		
317.1283	2	Q	18	1902.9165	951.9622
414.1810	3	P	17	1774.8579	887.9329
513.2495	4	V	16	1677.8052	839.4065
570.2709	5	G	15	1578.7367	789.8723
627.2924	6	G	14	1521.7153	761.3616
740.3764	7	I	13	1464.6938	732.8508
827.4085	8	S	12	1351.6097	676.3088
928.4562	9	T	11	1264.5777	632.7928
1027.5246	10	V	10	1163.5300	582.2689
1187.5552	11	C	9	1064.4616	532.7347
1315.6137	12	Q	8	904.4310	452.7194
1412.6665	13	P	7	776.3724	388.6901
1513.7142	14	T	6	679.3197	340.1638
1673.7448	15	C	5	578.2720	289.6399
1730.7663	16	G	4	418.2414	209.6246
1829.8347	17	V	3	361.2199	181.1139
1916.8667	18	S	2	262.1515	131.5797
	19	R	1	175.1195	88.0637

N-term:+29.04 C(1):+160.03
 C(11):+160.03 C(15):+160.03

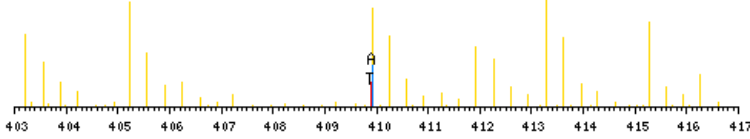
CVTDISHLVR, MH+ 1227.6519, m/z 409.8888
 L OSG40 P180811 230811-s1.05693.05693.3.dta

scan 5693; 1.2e+001



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

scan 5689; 409.9 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⁺
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 OSG39 P180811 230811-s1.05713.05713.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

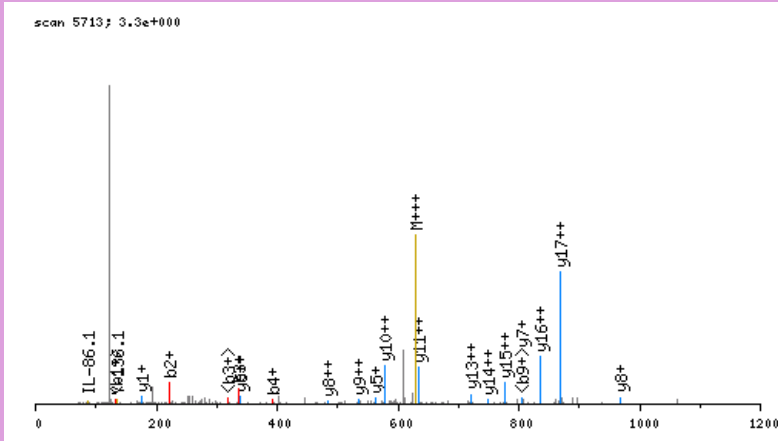
y + 2+ 3+

z + 2+ 3+

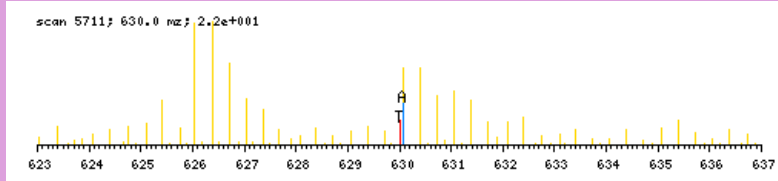
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

DAGEFVDLYVPR, MH+ 1414.7430, m/z 472.2525
 H OSG37 P180811 230811-s1.08226.08226.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

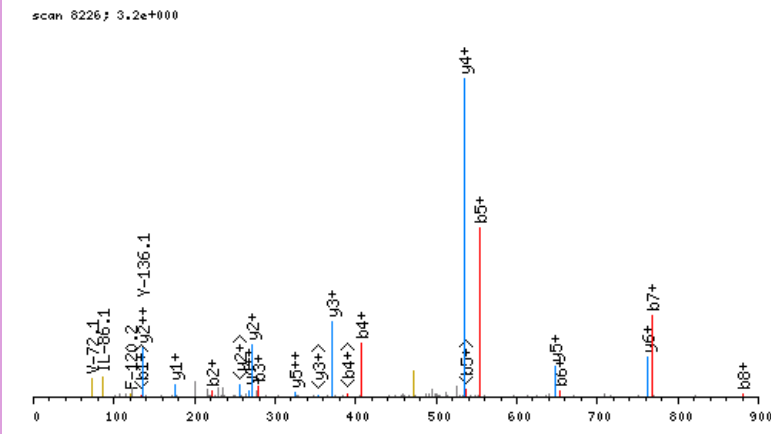
y + 2+ 3+

z + 2+ 3+

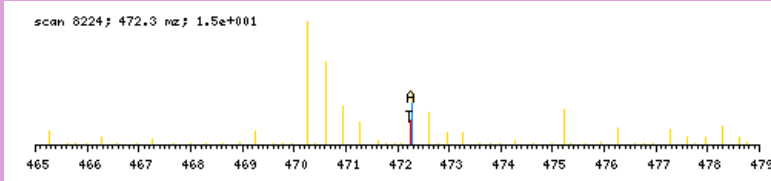
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
221.1350	2	A 11	1265.6530	633.3304
278.1564	3	G 10	1194.6159	597.8119
407.1990	4	E 9	1137.5944	569.3011
554.2674	5	F 8	1008.5518	504.7798
653.3358	6	V 7	861.4834	431.2456
768.3628	7	D 6	762.4150	381.7114
881.4468	8	L 5	647.3881	324.1979
1044.5102	9	Y 4	534.3040	267.6559
1143.5786	10	V 3	371.2407	186.1243
1240.6314	11	P 2	272.1723	136.5900
	12	R 1	175.1195	88.0637

N-term:+35.07

DAVDTYIPVPTR, MH+ 1380.7587, m/z 690.8830
 H OSG37 P180811 230811-s1.06217.06217.2.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+

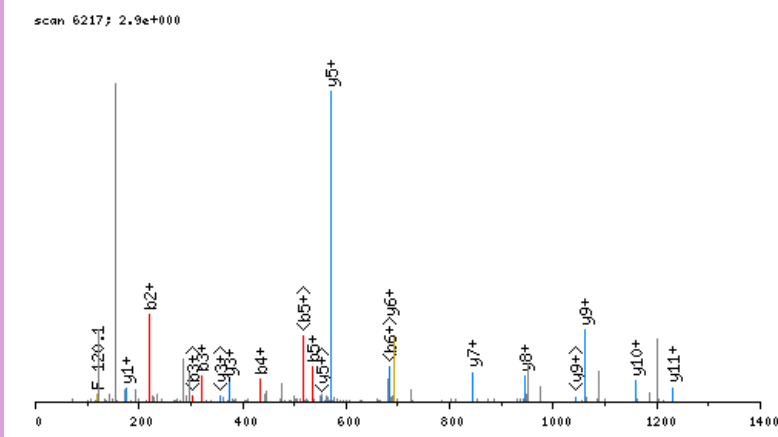
y + 2+ 3+

z + 2+ 3+

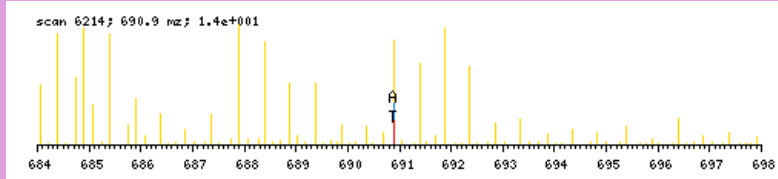
hide H₂O/NH₃

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⁺
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

DCPCSEALCQPIR, MH+ 1704.7506, m/z 568.9217
 L OSG37 P180811 230811-s1.04533.04533.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

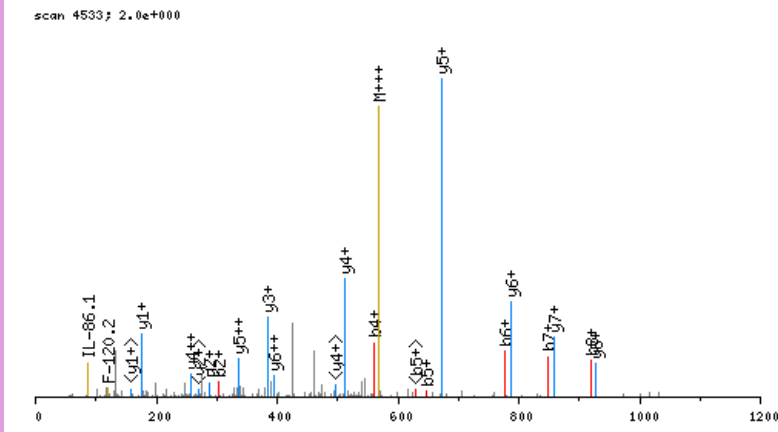
y + 2+ 3+

z + 2+ 3+

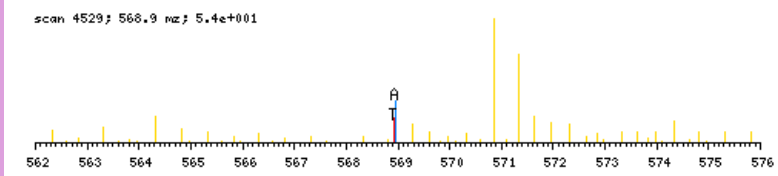
hide H₂O/NH₃

zoom 112-122

GO



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



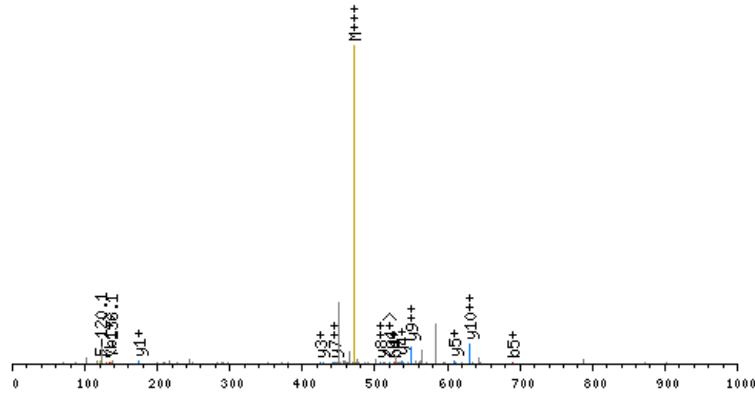
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D	14	
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

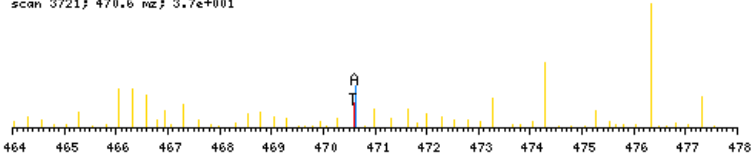
DCSEYLALSKR, MH+ 1409.7734, m/z 470.5960
 H OSG39 P180811 230811-s1.03723.03723.3.dta

scan 3723; 6.6e+000



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

scan 3721; 470.6 mz; 3.7e+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⁺
150.0978	1	D	11		
310.1284	2	C	10	1260.6834	630.8456
397.1605	3	S	9	1100.6528	550.8303
526.2031	4	E	8	1013.6208	507.3143
689.2664	5	Y	7	884.5782	442.7930
802.3505	6	L	6	721.5149	361.2613
873.3876	7	A	5	608.4308	304.7193
986.4716	8	L	4	537.3937	269.2008
1073.5037	9	S	3	424.3096	212.6587
1235.6618	10	K	2	337.2776	169.1427
	11	R	1	175.1195	88.0637

N-term:+35.07 C(2):+160.03
 K(10):+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+

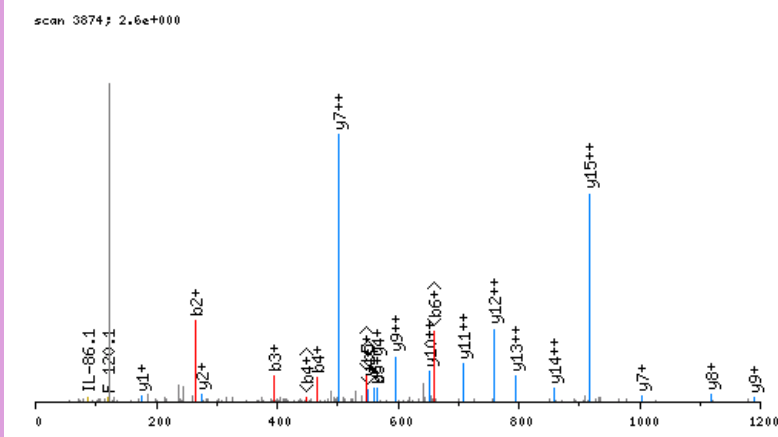
y + 2+ 3+

z + 2+ 3+

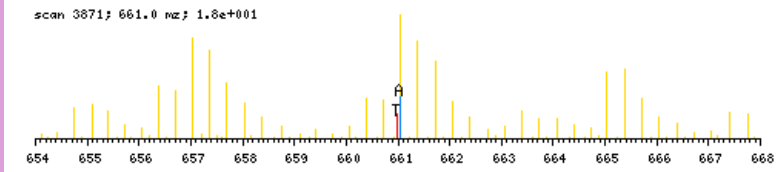
hide H₂O/NH₃

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⁺
150.0978	1	D	16	
265.1248	2	D	15	1831.8564
394.1674	3	E	14	1716.8295
465.2045	4	A	13	1587.7869
566.2522	5	T	12	1516.7498
679.3362	6	I	11	1415.7021
792.4203	7	L	10	1302.6180
863.4574	8	A	9	1189.5339
978.4844	9	D	8	1118.4968
1092.5273	10	N	7	1003.4699
1254.6854	11	K	6	889.4270
1414.7160	12	C	5	727.2689
1545.7565	13	M	4	567.2383
1705.7871	14	C	3	436.1978
1806.8347	15	T	2	276.1672
	16	R	1	175.1195

N-term:+35.07 K(11):+162.16
C(12):+160.03 C(14):+160.03

DDEVVDVDTVEEDLGKSR, MH+ 2046.0151, m/z 682.6766
 H OSG39 P180811 230811-s1.05072.05072.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

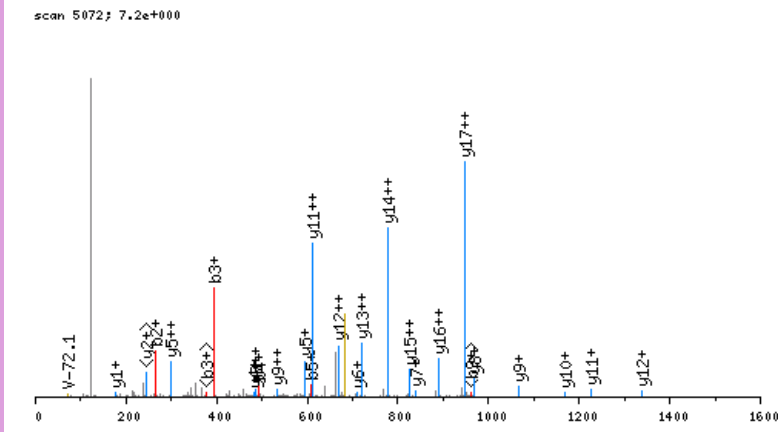
y + 2+ 3+

z + 2+ 3+

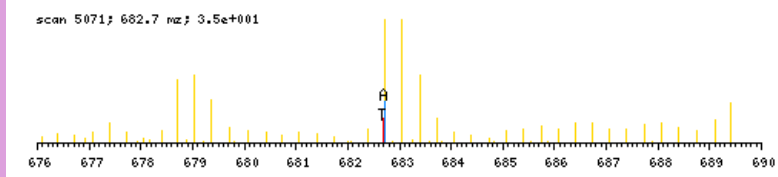
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

DDHFLFDKPVSPLLLASGMAR, MH+ 2397.3277, m/z 600.0874
 H OSG40 P180811 230811-s1.09365.09365.4.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+

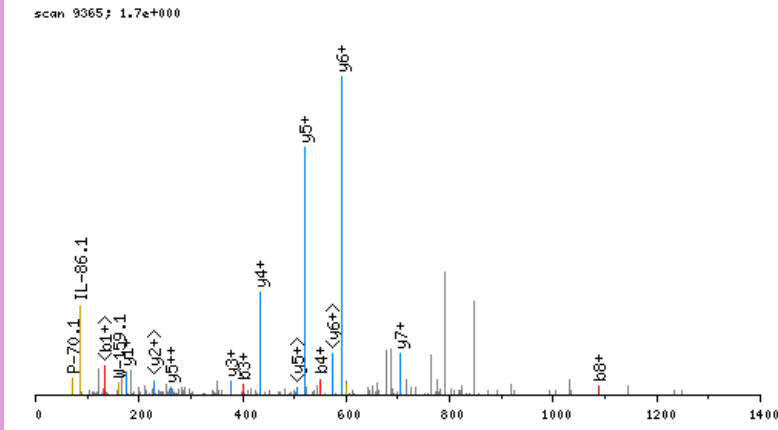
y + 2+ 3+

z + 2+ 3+

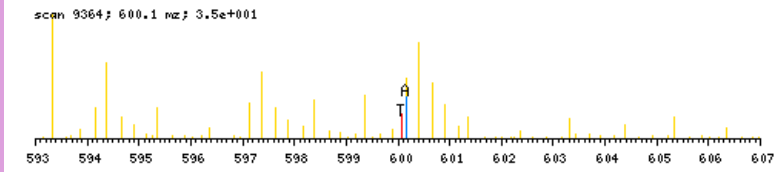
hide H₂O/NH₃

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	21		
265.1248	2	D	20	2248.2377	1124.6227
402.1837	3	H	19	2133.2107	1067.1093
549.2521	4	F	18	1996.1518	998.5798
662.3362	5	L	17	1849.0834	925.0456
809.4046	6	F	16	1735.9993	868.5036
924.4315	7	D	15	1588.9309	794.9694
1086.5896	8	K	14	1473.9040	737.4559
1183.6424	9	P	13	1311.7459	656.3768
1282.7108	10	V	12	1214.6931	607.8505
1369.7428	11	S	11	1115.6247	558.3163
1466.7956	12	P	10	1028.5927	514.8002
1579.8797	13	L	9	931.5399	466.2739
1692.9637	14	L	8	818.4558	409.7318
1806.0478	15	L	7	705.3718	353.1898
1877.0849	16	A	6	592.2877	296.6478
1964.1169	17	S	5	521.2506	261.1292
2021.1384	18	G	4	434.2186	217.6132
2152.1789	19	M	3	377.1971	189.1025
2223.2160	20	A	2	246.1566	123.5822
	21	R	1	175.1195	88.0637

N-term:+35.07 K(8):+162.16

DDESYVNIQNLDKAR, MH+ 1803.9241, m/z 601.9796
 L OSG39 P180811 230811-s1.04897.04897.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

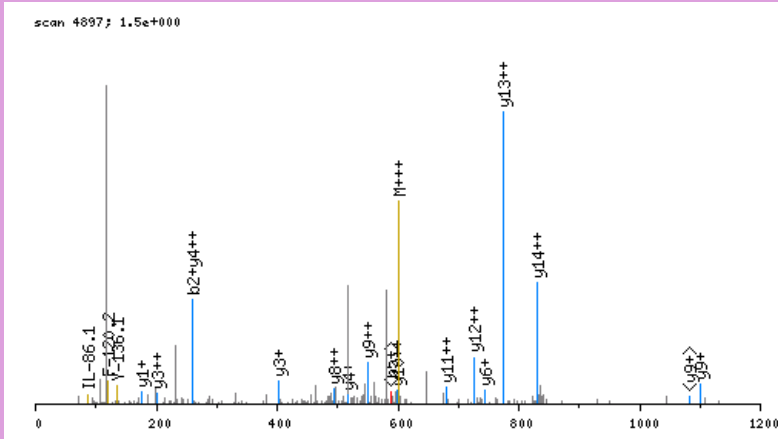
y + 2+ 3+

z + 2+ 3+

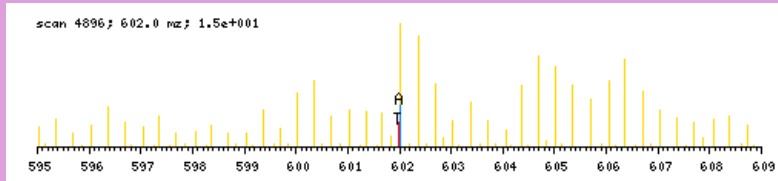
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

DDSISMGYKLDLTDVQIMAR, MH+ 2467.2849, m/z 823.0998
 H OSG39 P180811 230811-s1.06055.06055.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

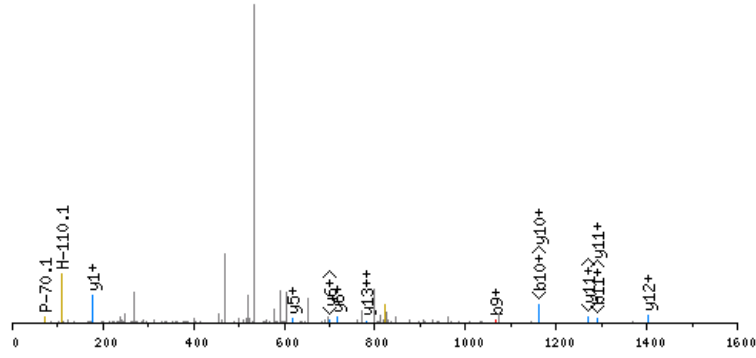
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

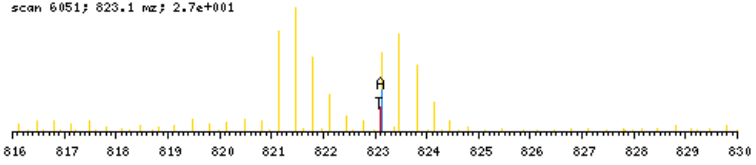
GO

scan 6055; 4.4e+000



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

scan 6051; 823.1 m/z; 2.7e+001



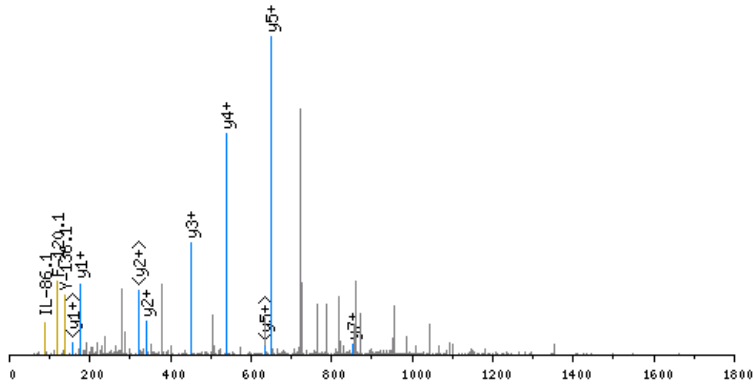
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
150.0978	1	D 21		
265.1248	2	D 20	2318.1949	1159.6013
352.1568	3	S 19	2203.1679	1102.0879
465.2409	4	I 18	2116.1359	1058.5719
552.2729	5	S 17	2003.0518	1002.0298
683.3134	6	M 16	1916.0198	958.5138
740.3349	7	G 15	1784.9793	892.9936
903.3982	8	Y 14	1727.9579	864.4828
1065.5563	9	K 13	1564.8945	782.9512
1178.6403	10	L 12	1402.7364	701.8721
1306.6989	11	Q 11	1289.6524	645.3301
1421.7259	12	D 10	1161.5938	581.3008
1534.8099	13	L 9	1046.5668	523.7873
1635.8576	14	T 8	933.4828	467.2453
1750.8846	15	D 7	832.4351	416.7215
1849.9530	16	V 6	717.4082	359.2080
1978.0115	17	Q 5	618.3397	309.6738
2091.0956	18	I 4	490.2812	245.6445
2222.1361	19	M 3	377.1971	189.1025
2293.1732	20	A 2	246.1566	123.5822
	21	R 1	175.1195	88.0637

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

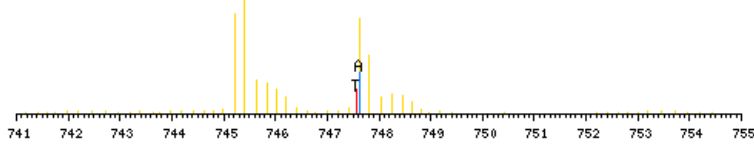
DDSNMEDYPDPQSANPMNSSLLSLYR, MH+ 2987.3039, m/z 747.5814
 L OSG40 P180811 230811-s1.09195.09195.4.dta

scan 9195; 4.0e+001



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

scan 9194; 747.6 m/z; 2.2e+002



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

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 26		
259.0930	2	D 25	2844.2456	1422.6267
346.1250	3	S 24	2729.2187	1365.1133
460.1679	4	N 23	2642.1867	1321.5973
591.2084	5	M 22	2528.1438	1264.5758
720.2510	6	E 21	2397.1033	1199.0555
835.2780	7	D 20	2268.0607	1134.5342
998.3413	8	Y 19	2153.0337	1077.0208
1095.3941	9	P 18	1989.9704	995.4891
1210.4210	10	D 17	1892.9176	946.9627
1307.4738	11	P 16	1777.8907	889.4493
1435.5323	12	Q 15	1680.8379	840.9229
1522.5644	13	S 14	1552.7794	776.8936
1593.6015	14	A 13	1465.7473	733.3776
1707.6444	15	N 12	1394.7102	697.8590
1804.6972	16	P 11	1280.6673	640.8376
1935.7377	17	M 10	1183.6145	592.3112
2049.7806	18	N 9	1052.5740	526.7909
2136.8126	19	S 8	938.5311	469.7695
2223.8446	20	S 7	851.4991	426.2535
2336.9287	21	L 6	764.4670	382.7374
2450.0128	22	L 5	651.3830	326.1954
2537.0448	23	S 4	538.2989	269.6534
2650.1289	24	L 3	451.2669	226.1374
2813.1922	25	Y 2	338.1828	169.5953
	26	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

DDTVHVVIATPGR, MH+ 1407.7596, m/z 469.9247
 L OSG39 P180811 230811-s1.03934.03934.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

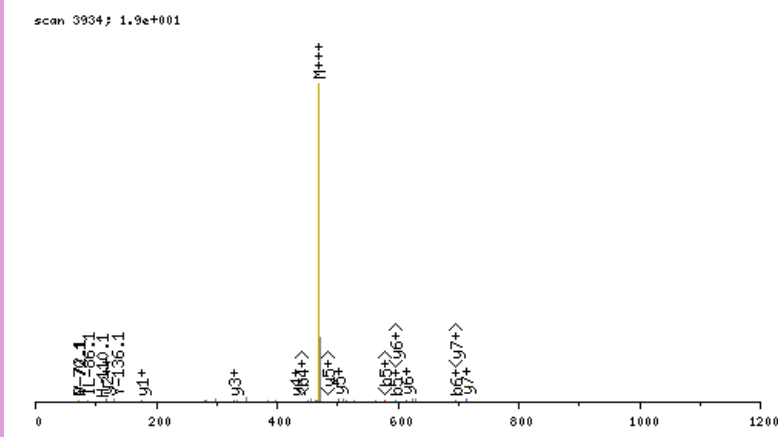
y + 2+ 3+

z + 2+ 3+

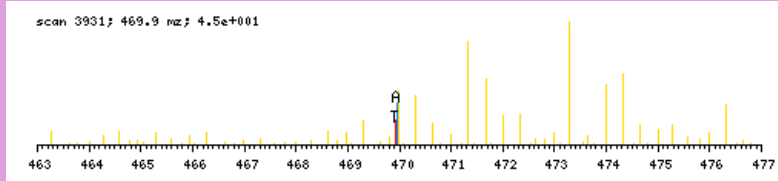
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
259.0930	2	D 12	1264.7014	632.8546
360.1407	3	T 11	1149.6744	575.3411
459.2091	4	V 10	1048.6267	524.8173
596.2680	5	H 9	949.5583	475.2831
695.3364	6	V 8	812.4994	406.7536
794.4048	7	V 7	713.4310	357.2194
907.4889	8	I 6	614.3626	307.6852
978.5260	9	A 5	501.2785	251.1432
1079.5737	10	T 4	430.2414	215.6246
1176.6264	11	P 3	329.1937	165.1008
1233.6479	12	G 2	232.1410	116.5744
	13	R 1	175.1195	88.0637

N-term:+29.04

DDYMKKEVGVGFATR, MH+ 1655.8739, m/z 552.6295
 H OSG39 P180811 230811-s1.05605.05605.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

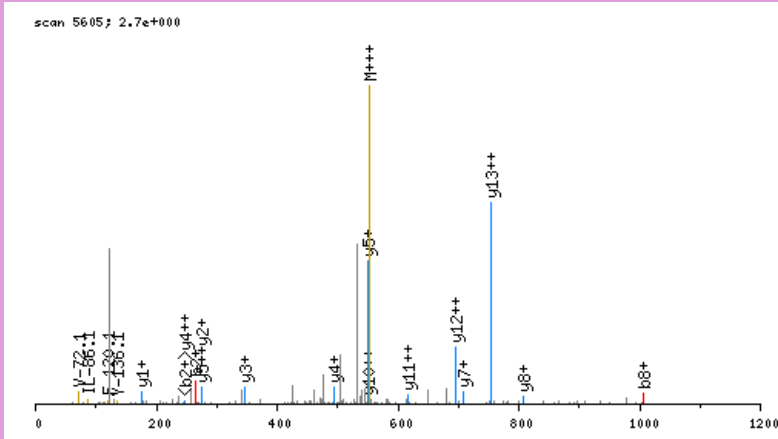
y + 2+ 3+

z + 2+ 3+

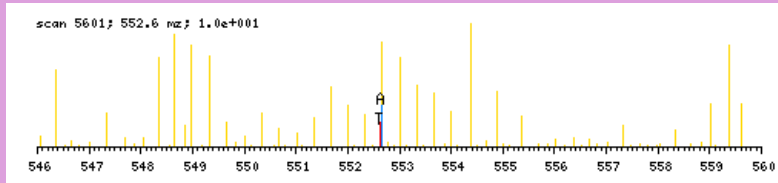
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
265.1248	2	D 13	1506.7839	753.8959
428.1881	3	Y 12	1391.7570	696.3824
559.2286	4	M 11	1228.6936	614.8507
721.3867	5	K 10	1097.6532	549.3305
850.4293	6	E 9	935.4951	468.2514
949.4977	7	V 8	806.4525	403.7301
1006.5192	8	G 7	707.3840	354.1959
1105.5876	9	V 6	650.3626	325.6852
1162.6090	10	G 5	551.2942	276.1510
1309.6775	11	F 4	494.2727	247.6403
1380.7146	12	A 3	347.2043	174.1061
1481.7623	13	T 2	276.1672	138.5875
	14	R 1	175.1195	88.0637

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

DEEATGTTIQEDYLR, MH+ 1667.7764, m/z 556.5970
 L OSG37 P180811 230811-s1.05395.05395.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

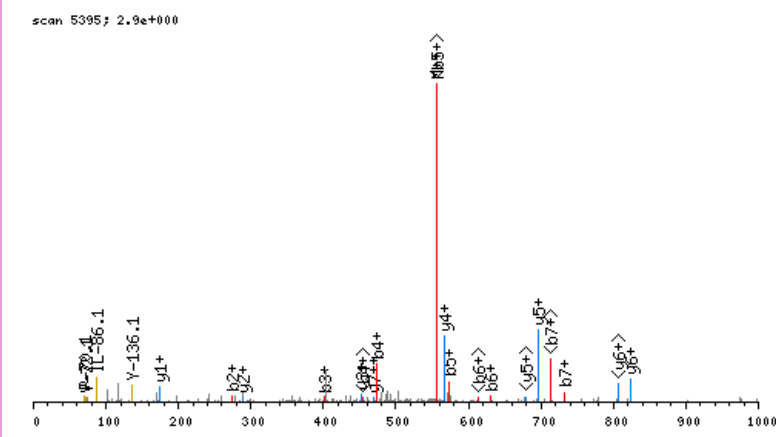
y + 2+ 3+

z + 2+ 3+

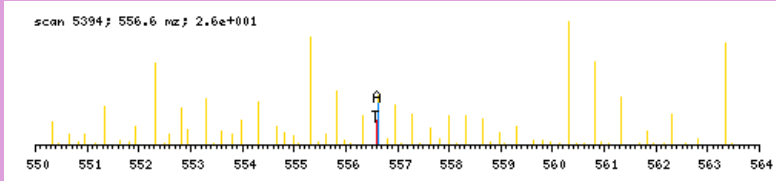
hide H₂O/NH₃

zoom 112-122

GO



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



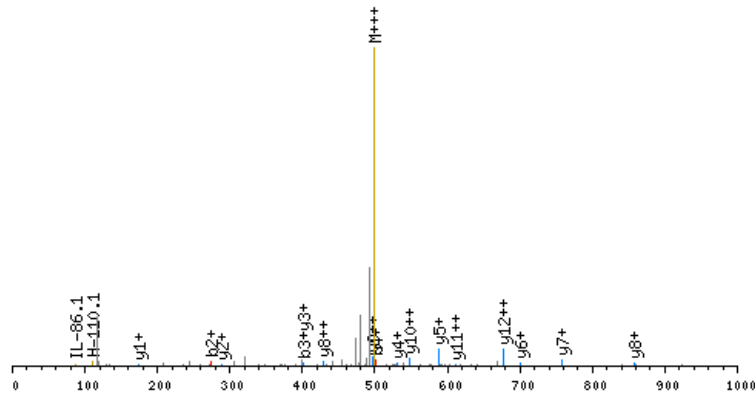
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 14		
273.1086	2	E 13	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

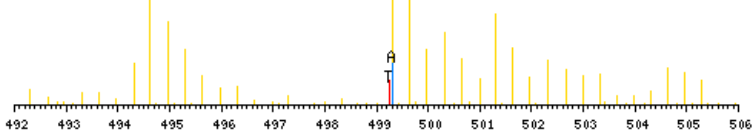
DEEVHTGLGELLR, MH+ 1495.7756, m/z 499.2634
 L OSG39 P180811 230811-s1.05538.05538.3.dta

scan 5538; 7.1e+000



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

scan 5536; 499.3 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⁺
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

DEILEASDGIMVAR, MH+ 1552.8105, m/z 518.2750
 H OSG37 P180811 230811-s1.07032.07032.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

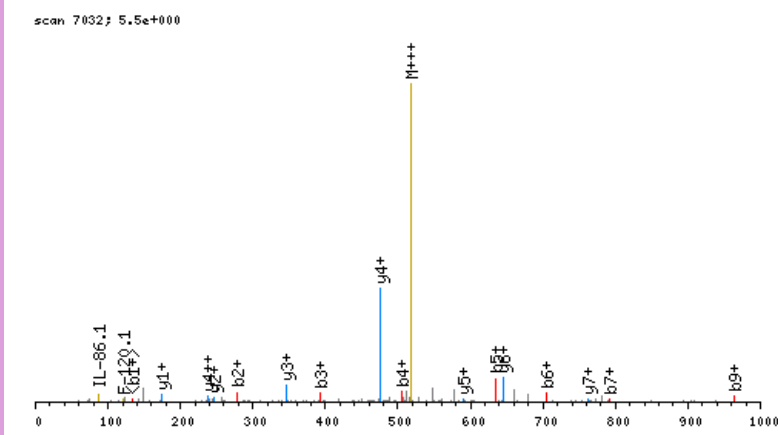
y + 2+ 3+

z + 2+ 3+

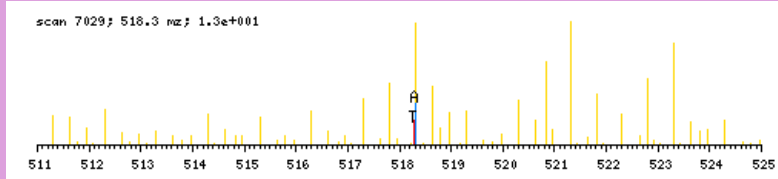
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
279.1404	2	E 13	1403.7204	702.3641
392.2245	3	I 12	1274.6778	637.8428
505.3086	4	L 11	1161.5938	581.3008
634.3512	5	E 10	1048.5097	524.7588
705.3883	6	A 9	919.4671	460.2375
792.4203	7	S 8	848.4300	424.7189
907.4472	8	D 7	761.3980	381.2029
964.4687	9	G 6	646.3710	323.6894
1077.5528	10	I 5	589.3496	295.1787
1208.5933	11	M 4	476.2655	238.6367
1307.6617	12	V 3	345.2250	173.1164
1378.6988	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+

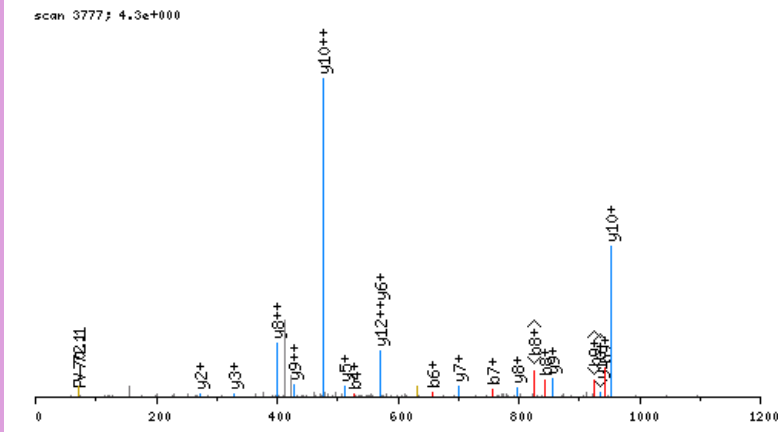
y + 2+ 3+

z + 2+ 3+

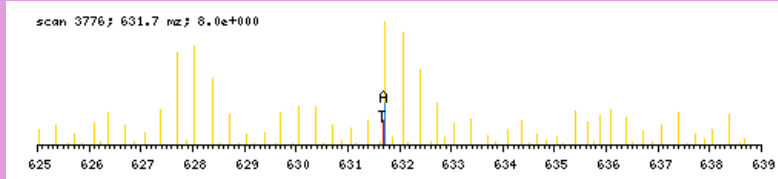
hide H₂O/NH₃

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⁺
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

DELGSILKGFSSDAR, MH+ 1650.8703, m/z 550.9616
 L OSG39 P180811 230811-s1.07614.07614.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

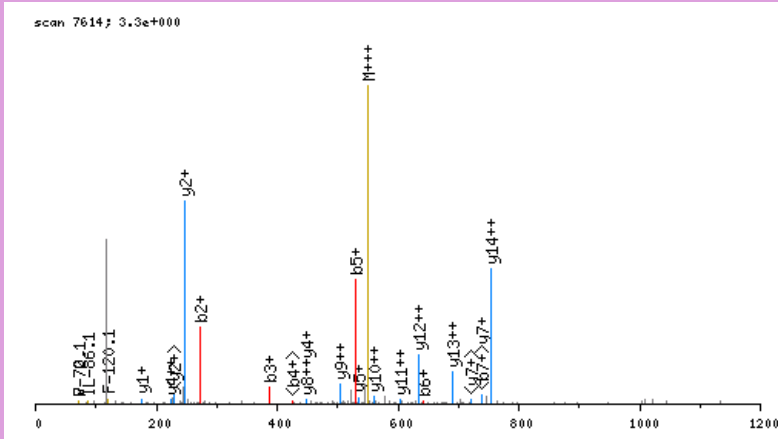
y + 2+ 3+

z + 2+ 3+

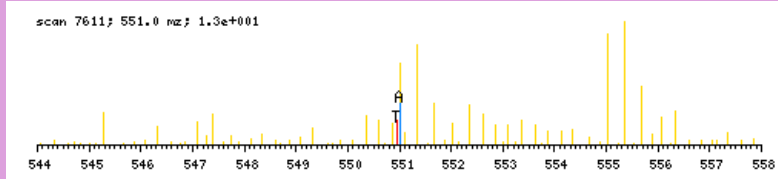
hide H₂O/NH₃

zoom 112-122

GO



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



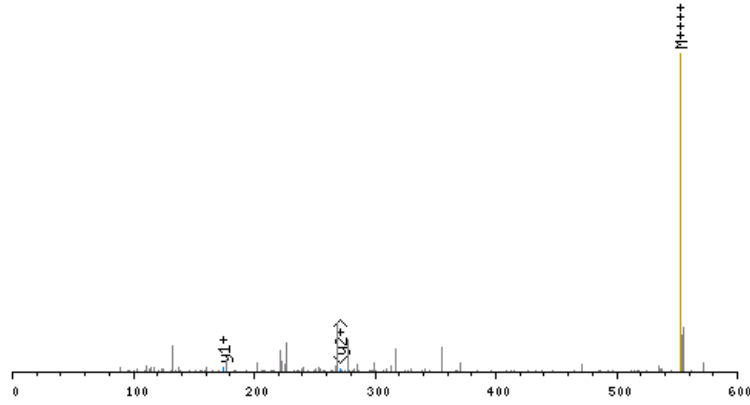
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 15		
273.1086	2	E 14	1507.8121	754.4099
386.1927	3	L 13	1378.7695	689.8887
443.2142	4	G 12	1265.6854	633.3466
530.2462	5	S 11	1208.6639	604.8359
643.3303	6	I 10	1121.6319	561.3199
756.4143	7	L 9	1008.5479	504.7778
912.5406	8	K 8	895.4638	448.2358
969.5621	9	G 7	739.3375	370.1727
1116.6305	10	F 6	682.3160	341.6619
1203.6625	11	S 5	535.2476	268.1277
1290.6946	12	S 4	448.2156	224.6117
1405.7215	13	D 3	361.1836	181.0957
1476.7586	14	A 2	246.1566	123.5822
	15	R 1	175.1195	88.0637

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

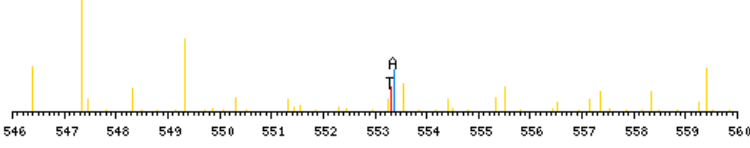
DGIIVVWNAQTGEKLELR, MH+ 2210.2549, m/z 553.3192
 L OSG36 P180811 230811-s1.08044.08044.4.dta

scan 8044; 4.4e+000



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

scan 8043; 553.3 mz; 3.0e+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	19	
201.0875	2	G	18	2067.1967
314.1716	3	I	17	2010.1752
427.2556	4	I	16	1897.0911
526.3240	5	V	15	1784.0071
625.3925	6	V	14	1684.9387
811.4718	7	W	13	1585.8703
925.5147	8	N	12	1399.7909
996.5518	9	A	11	1285.7480
1124.6104	10	Q	10	1214.7109
1225.6581	11	T	9	1086.6523
1282.6795	12	G	8	985.6046
1411.7221	13	E	7	928.5832
1567.8484	14	K	6	799.5406
1680.9325	15	L	5	643.4143
1794.0166	16	L	4	530.3302
1923.0592	17	E	3	417.2462
2036.1432	18	L	2	288.2036
	19	R	1	175.1195

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

DHASIQMNVAEVDR, MH+ 1612.7753, m/z 538.2633
 L OSG40 P180811 230811-s1.05033.05033.3.dta

scan 5033; 5.1e+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+

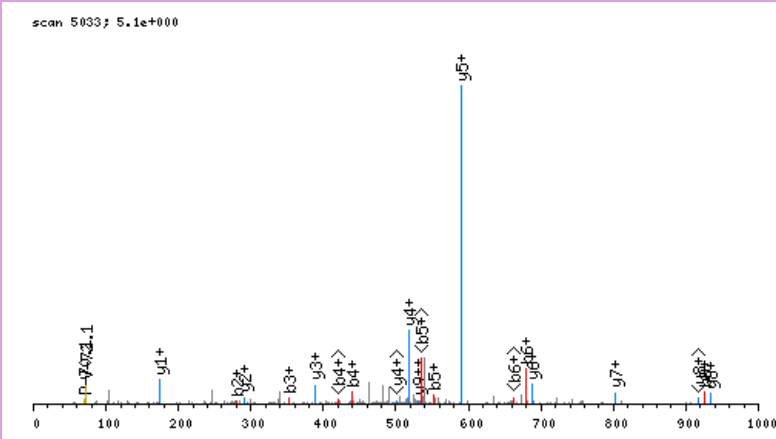
y + 2+ 3+

z + 2+ 3+

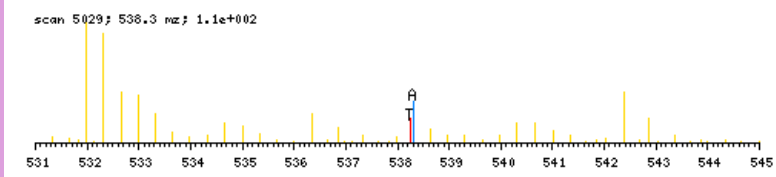
hide H₂O/NH₃

zoom 112-122

GO



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

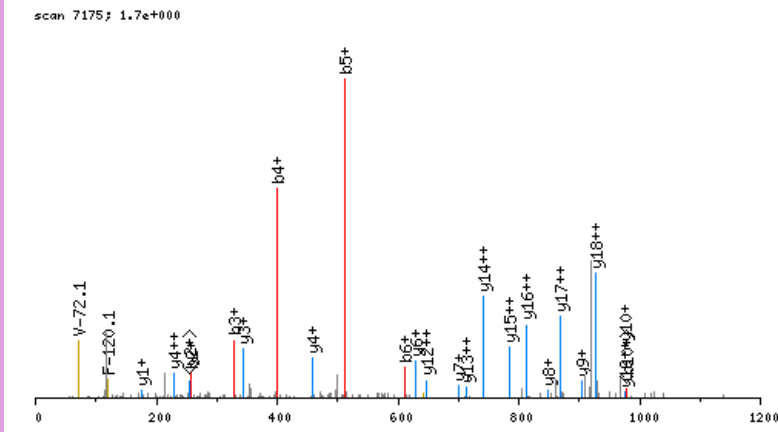


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

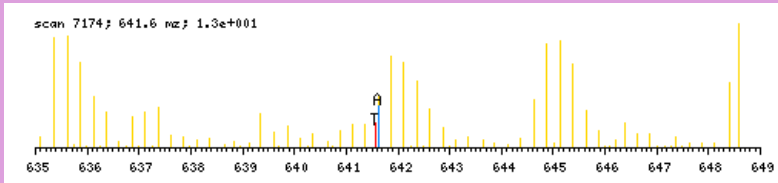
b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 14		
281.1250	2	H 13	1469.7171	735.3625
352.1621	3	A 12	1332.6582	666.8330
439.1941	4	S 11	1261.6211	631.3144
552.2782	5	I 10	1174.5890	587.7984
680.3367	6	Q 9	1061.5050	531.2564
811.3772	7	M 8	933.4464	467.2271
925.4202	8	N 7	802.4059	401.7069
1024.4886	9	V 6	688.3630	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

DIAALVVDNNGSMCKAGFAGDDAPR, MH+ 2563.2284, m/z 641.5626
 L OSG38 P180811 230811-s1.07175.07175.4.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⁺
144.0660	1	D 25		
257.1501	2	I 24	2420.1702	1210.5890
328.1872	3	A 23	2307.0862	1154.0470
399.2243	4	A 22	2236.0491	1118.5284
512.3084	5	L 21	2165.0119	1083.0099
611.3768	6	V 20	2051.9279	1026.4678
710.4452	7	V 19	1952.8595	976.9336
825.4722	8	D 18	1853.7910	927.3994
939.5151	9	N 17	1738.7641	869.8860
996.5366	10	G 16	1624.7212	812.8645
1083.5686	11	S 15	1567.6997	784.3538
1140.5901	12	G 14	1480.6677	740.8378
1271.6305	13	M 13	1423.6462	712.3270
1431.6611	14	C 12	1292.6057	646.8068
1587.7874	15	K 11	1132.5751	566.7915
1658.8246	16	A 10	976.4488	488.7283
1715.8460	17	G 9	905.4117	453.2098
1862.9144	18	F 8	848.3903	424.6990
1933.9515	19	A 7	701.3218	351.1648
1990.9730	20	G 6	630.2847	315.6463
2105.9999	21	D 5	573.2633	287.1355
2221.0269	22	D 4	458.2363	229.6221
2292.0640	23	A 3	343.2094	172.1086
2389.1168	24	P 2	272.1723	136.5900
	25	R 1	175.1195	88.0637

N-term: +29.04 C(14) : +160.03
 K(15) : +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

DILLTQSPAILSVSPGER, MH+ 1924.0755, m/z 642.0300
 L OSG36 P180811 230811-s1.05950.05950.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

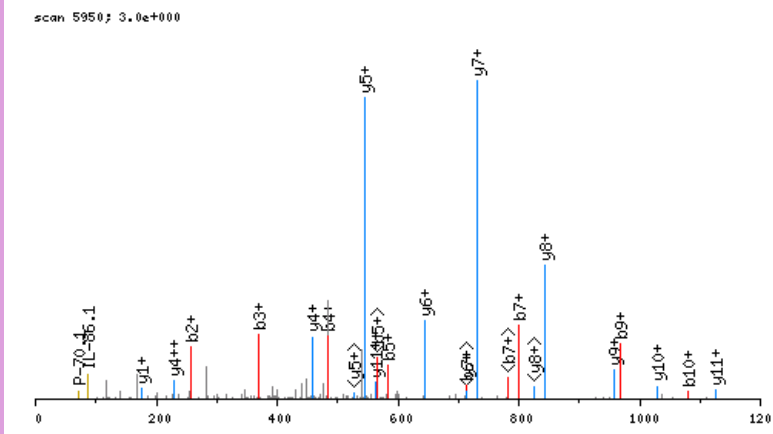
y + 2+ 3+

z + 2+ 3+

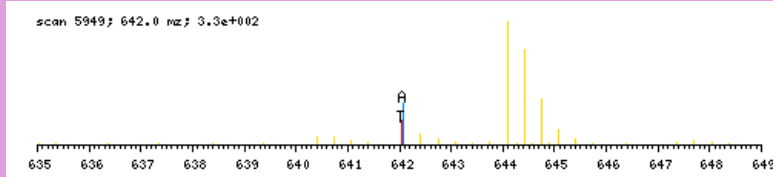
hide H₂O/NH₃

zoom 112-122

GO



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



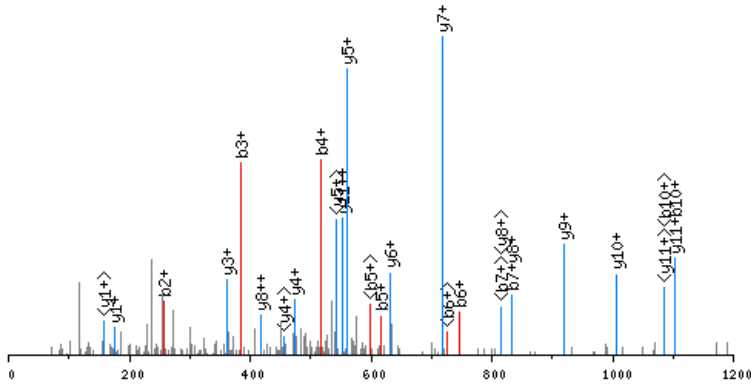
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

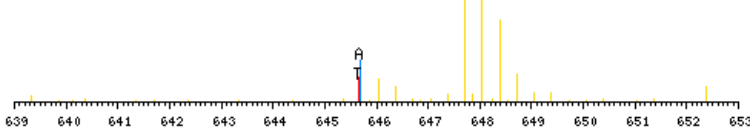
DIQMTQSPSSLSASLGER, MH+ 1934.9493, m/z 645.6546
 L OSG36 P180811 230811-s1.04450.04450.3.dta

scan 4450; 9.9e-001



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

scan 4449; 645.7 m/z; 4.1e+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

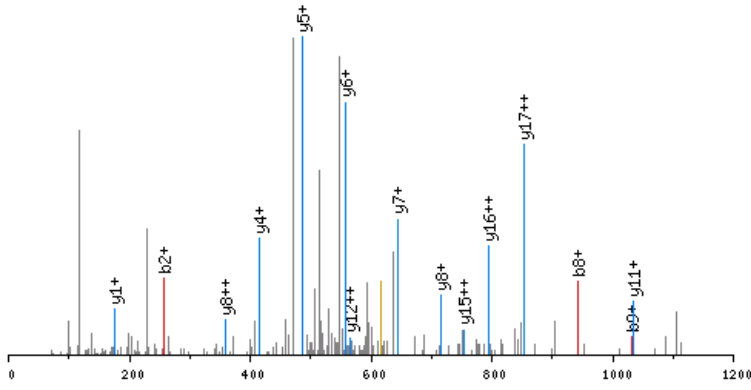
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
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

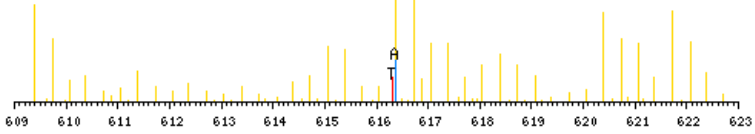
DISSKQVESTASAAGPSR, MH+ 1846.9511, m/z 616.3219
 L OSG39 P180811 230811-s1.02970.02970.3.dta

scan 2970; 6.5e-001



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

scan 2966; 616.3 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⁺
144.0660	1	D	18	
257.1501	2	I	17	1703.8928
344.1821	3	S	16	1590.8088
431.2142	4	S	15	1503.7767
587.3405	5	K	14	1416.7447
715.3990	6	Q	13	1260.6184
814.4675	7	V	12	1132.5598
943.5100	8	E	11	1033.4914
1030.5421	9	S	10	904.4488
1131.5898	10	T	9	817.4168
1202.6269	11	A	8	716.3691
1289.6589	12	S	7	645.3320
1360.6960	13	A	6	558.3000
1431.7331	14	A	5	487.2629
1488.7546	15	G	4	416.2258
1585.8074	16	P	3	359.2043
1672.8394	17	S	2	262.1515
	18	R	1	175.1195

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

DKPVSPLLLASGMAR, MH+ 1622.9940, m/z 541.6695
 H OSG39 P180811 230811-s1.06154.06154.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

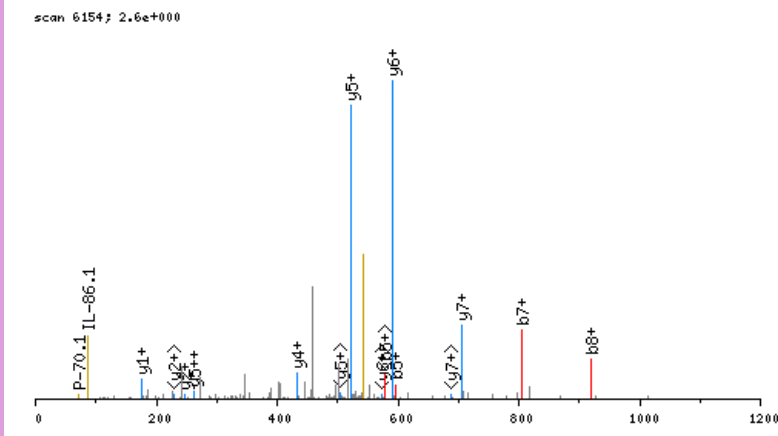
y + 2+ 3+

z + 2+ 3+

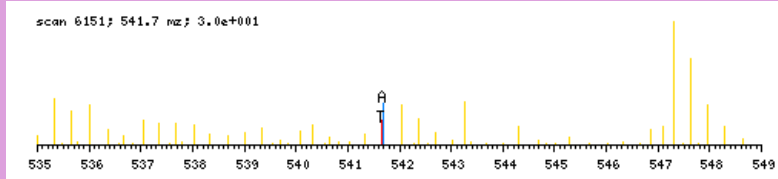
hide H₂O/NH₃

zoom 112-122

GO



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



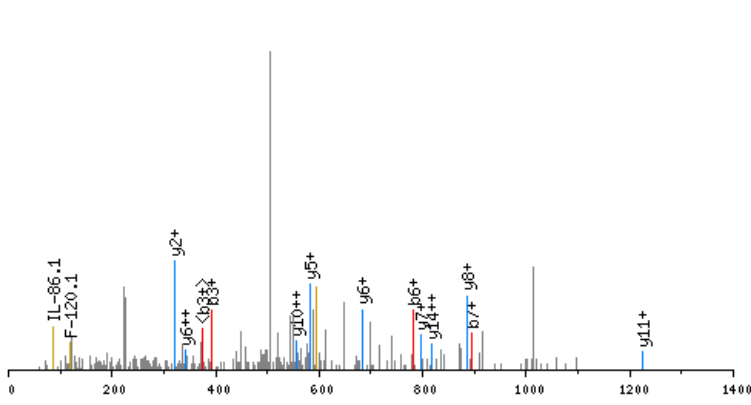
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
150.0978	1	D 15		
312.2559	2	K 14	1473.9040	737.4559
409.3087	3	P 13	1311.7459	656.3768
508.3771	4	V 12	1214.6931	607.8505
595.4091	5	S 11	1115.6247	558.3163
692.4619	6	P 10	1028.5927	514.8002
805.5460	7	L 9	931.5399	466.2739
918.6300	8	L 8	818.4558	409.7318
1031.7141	9	L 7	705.3718	353.1898
1102.7512	10	A 6	592.2877	296.6478
1189.7832	11	S 5	521.2506	261.1292
1246.8047	12	G 4	434.2186	217.6132
1377.8452	13	M 3	377.1971	189.1025
1448.8823	14	A 2	246.1566	123.5822
	15	R 1	175.1195	88.0637

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

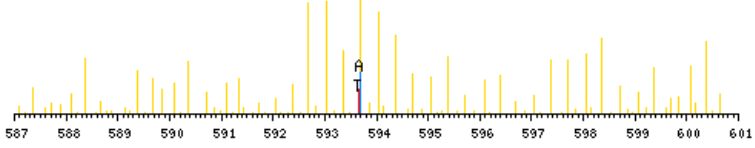
DLEKDIISDTSGDFR, MH+ 1778.9448, m/z 593.6531
 H OSG39 P180811 230811-s1.06814.06814.3.dta

scan 6814; 6.7e-001



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

scan 6811; 593.7 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⁺
150.0978	1	D 15		
263.1819	2	L 14	1629.8548	815.4313
392.2245	3	E 13	1516.7708	758.8893
554.3826	4	K 12	1387.7282	694.3680
669.4095	5	D 11	1225.5701	613.2889
782.4936	6	I 10	1110.5431	555.7755
895.5777	7	I 9	997.4591	499.2334
982.6097	8	S 8	884.3750	442.6914
1097.6366	9	D 7	797.3430	399.1754
1198.6843	10	T 6	682.3160	341.6619
1285.7163	11	S 5	581.2683	291.1381
1342.7378	12	G 4	494.2363	247.6221
1457.7648	13	D 3	437.2149	219.1113
1604.8332	14	F 2	322.1879	161.5979
	15	R 1	175.1195	88.0637

N-term:+35.07 K(4):+162.16

DLIAQQPVNEVEHR, MH+ 1675.8767, m/z 559.2971
 L OSG39 P180811 230811-s1.03935.03935.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

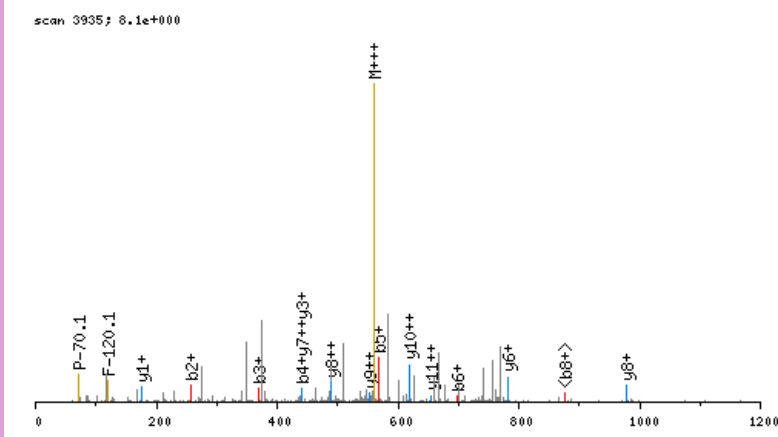
y + 2+ 3+

z + 2+ 3+

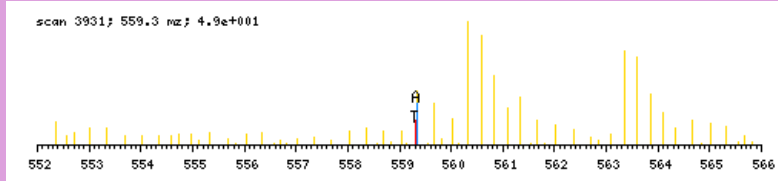
hide H₂O/NH₃

zoom 112-122

GO



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



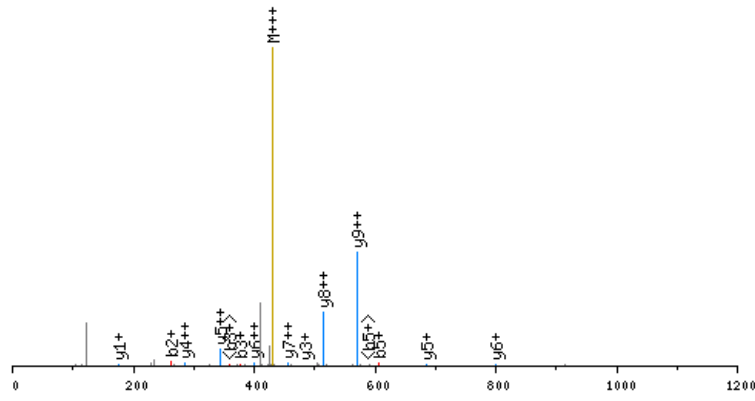
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 14		
257.1501	2	L 13	1532.8185	766.9132
370.2342	3	I 12	1419.7345	710.3711
441.2713	4	A 11	1306.6504	653.8291
569.3299	5	Q 10	1235.6133	618.3105
697.3884	6	Q 9	1107.5547	554.2813
794.4412	7	P 8	979.4961	490.2520
893.5096	8	V 7	882.4434	441.7256
1007.5525	9	N 6	783.3749	392.1914
1136.5951	10	E 5	669.3320	335.1699
1235.6636	11	V 4	540.2894	270.6486
1364.7061	12	E 3	441.2210	221.1144
1501.7651	13	H 2	312.1784	156.5931
	14	R 1	175.1195	88.0637

N-term:+29.04

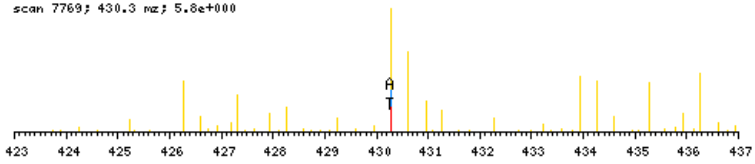
DLNLDLSKFR, MH+ 1288.7901, m/z 430.2682
 H OSG40 P180811 230811-s1.07770.07770.3.dta

scan 7770; 8.3e+000



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

scan 7769; 430.3 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⁺
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

DLPAAAAAGPASPAS, MH+ 1510.8018, m/z 504.2721
 L OSG36 P180811 230811-s1.04117.04117.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

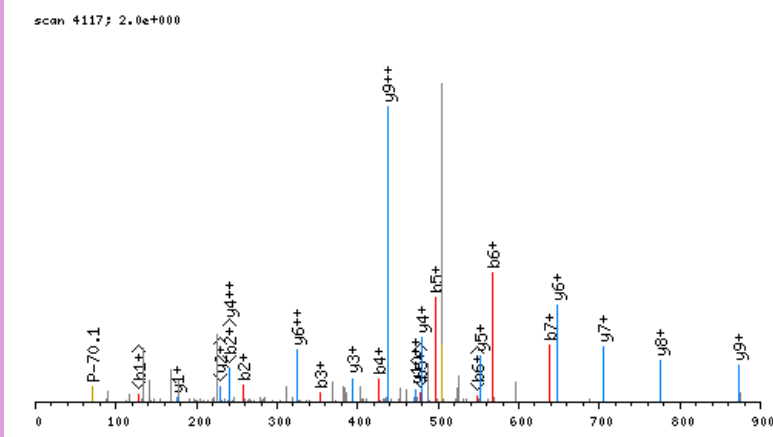
y + 2+ 3+

z + 2+ 3+

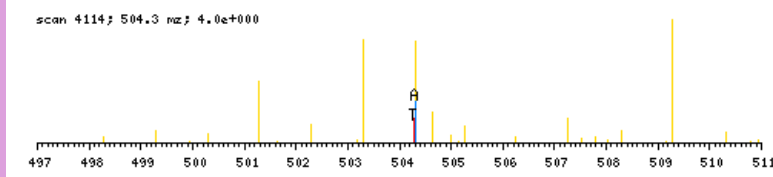
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1367.7436	684.3757
354.2029	3	P 14	1254.6595	627.8337
425.2400	4	A 13	1157.6067	579.3073
496.2771	5	A 12	1086.5696	543.7887
567.3142	6	A 11	1015.5325	508.2702
638.3513	7	A 10	944.4954	472.7516
735.4041	8	P 9	873.4583	437.2331
806.4412	9	A 8	776.4055	388.7067
863.4627	10	G 7	705.3684	353.1881
960.5154	11	P 6	648.3469	324.6774
1031.5525	12	A 5	551.2942	276.1510
1118.5846	13	S 4	480.2571	240.6324
1265.6530	14	F 3	393.2250	197.1164
1336.6901	15	A 2	246.1566	123.5822
	16	R 1	175.1195	88.0637

N-term:+29.04

DLSSSDLSTASKIVK, MH+ 1634.9217, m/z 545.6454
 L OSG38 P180811 230811-s1.05400.05400.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

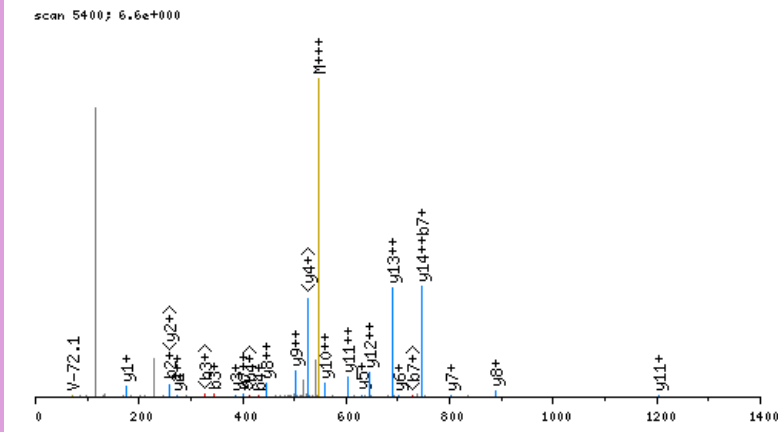
y + 2+ 3+

z + 2+ 3+

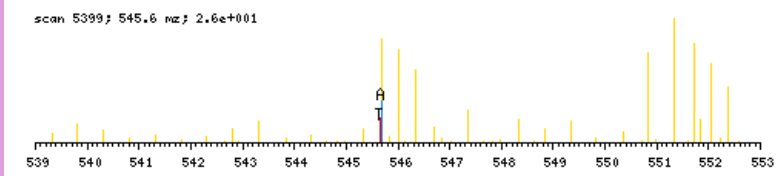
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1491.8635
344.1821	3	S	13	1378.7794
431.2142	4	S	12	1291.7474
518.2462	5	S	11	1204.7154
633.2731	6	D	10	1117.6833
746.3572	7	L	9	1002.6564
833.3892	8	S	8	889.5723
934.4369	9	T	7	802.5403
1005.4740	10	A	6	701.4926
1092.5060	11	S	5	630.4555
1248.6323	12	K	4	543.4235
1361.7164	13	I	3	387.2972
1460.7848	14	V	2	274.2131
	15	K	1	175.1447

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

DLTTCPAAGGQEKLR, MH+ 1926.0754, m/z 642.6967
 H OSG39 P180811 230811-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+

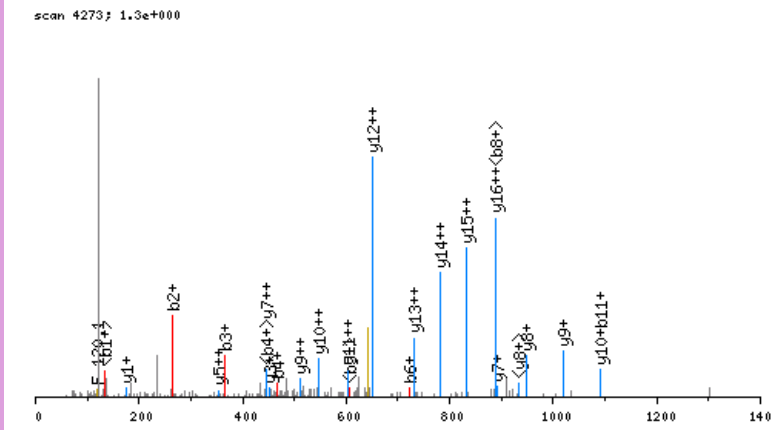
y + 2+ 3+

z + 2+ 3+

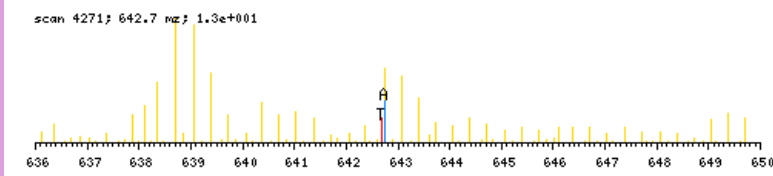
hide H₂O/NH₃

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⁺
150.0978	1	D	17		
263.1819	2	L	16	1776.9854	888.9966
364.2296	3	T	15	1663.9014	832.4546
465.2773	4	T	14	1562.8537	781.9307
625.3079	5	C	13	1461.8060	731.4069
722.3606	6	P	12	1301.7754	651.3916
835.4447	7	L	11	1204.7226	602.8652
906.4818	8	A	10	1091.6386	546.3232
977.5189	9	A	9	1020.6015	510.8046
1034.5404	10	G	8	949.5643	475.2861
1091.5618	11	G	7	892.5429	446.7754
1219.6204	12	Q	6	835.5214	418.2646
1347.6790	13	Q	5	707.4628	354.2353
1476.7216	14	E	4	579.4043	290.2060
1638.8797	15	K	3	450.3617	225.6847
1751.9638	16	L	2	288.2036	144.6057
	17	R	1	175.1195	88.0637

N-term:+35.07 C(5):+160.03
 K(15):+162.16

DNGSGLCKAGFAGDDAPR, MH+ 1863.8659, m/z 621.9602
 L OSG39 P180811 230811-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+

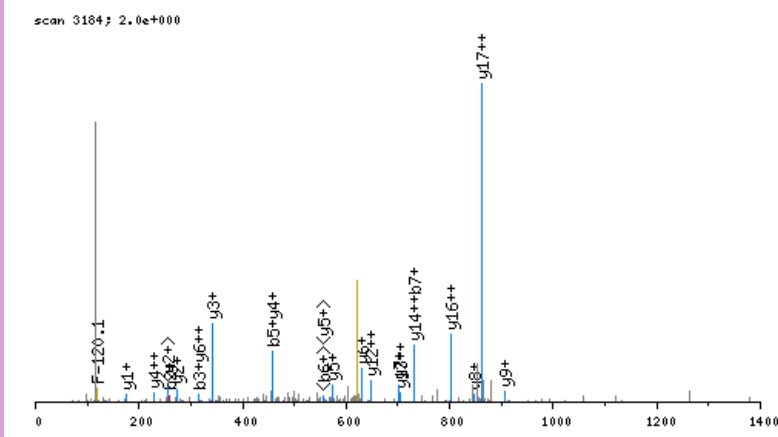
y + 2+ 3+

z + 2+ 3+

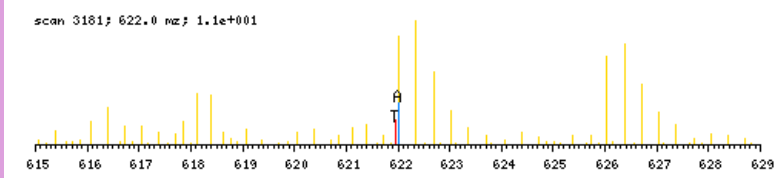
hide H₂O/NH₃

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⁺
144.0660	1	D	18		
258.1090	2	N	17	1720.8077	860.9078
315.1304	3	G	16	1606.7648	803.8863
402.1625	4	S	15	1549.7433	775.3756
459.1839	5	G	14	1462.7113	731.8595
572.2680	6	L	13	1405.6898	703.3488
732.2986	7	C	12	1292.6057	646.8068
888.4249	8	K	11	1132.5751	566.7915
959.4620	9	A	10	976.4488	488.7283
1016.4835	10	G	9	905.4117	453.2098
1163.5519	11	F	8	848.3903	424.6990
1234.5890	12	A	7	701.3218	351.1648
1291.6105	13	G	6	630.2847	315.6463
1406.6374	14	D	5	573.2633	287.1355
1521.6643	15	D	4	458.2363	229.6221
1592.7015	16	A	3	343.2094	172.1086
1689.7542	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

DNGSGLVKAGFAGDDAPR, MH+ 1802.9037, m/z 601.6394
 L OSG39 P180811 230811-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+

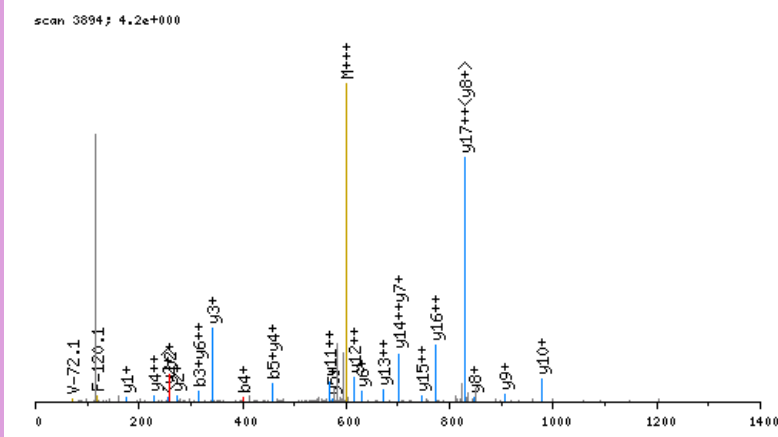
y + 2+ 3+

z + 2+ 3+

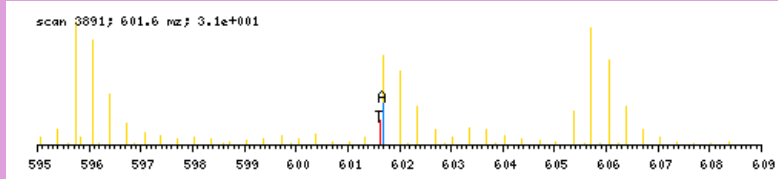
hide H₂O/NH₃

zoom 112-122

GO



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



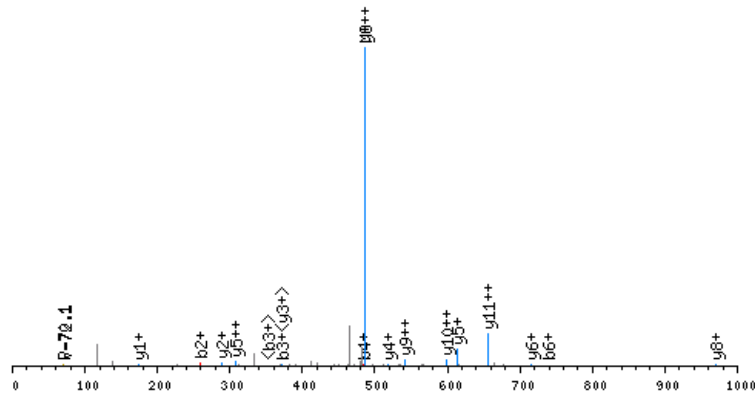
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 18		
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

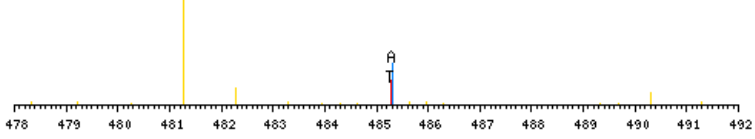
DNLIKVTPEVNR, MH+ 1453.8379, m/z 485.2841
 L OSG39 P180811 230811-s1.03738.03738.3.dta

scan 3738; 1.3e+001



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

scan 3736; 485.3 m/z; 4.4e+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⁺
144.0660	1	D 12		
258.1090	2	N 11	1310.7796	655.8937
371.1930	3	L 10	1196.7367	598.8723
484.2771	4	I 9	1083.6527	542.3302
640.4034	5	K 8	970.5686	485.7882
739.4718	6	V 7	814.4423	407.7251
840.5195	7	T 6	715.3739	358.1909
937.5723	8	P 5	614.3262	307.6670
1066.6148	9	E 4	517.2734	259.1406
1165.6833	10	V 3	388.2308	194.6193
1279.7262	11	N 2	289.1624	145.0851
	12	R 1	175.1195	88.0637

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

DNLYNNIINR, MH+ 1276.6649, m/z 426.2265
 L OSG37 P180811 230811-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+

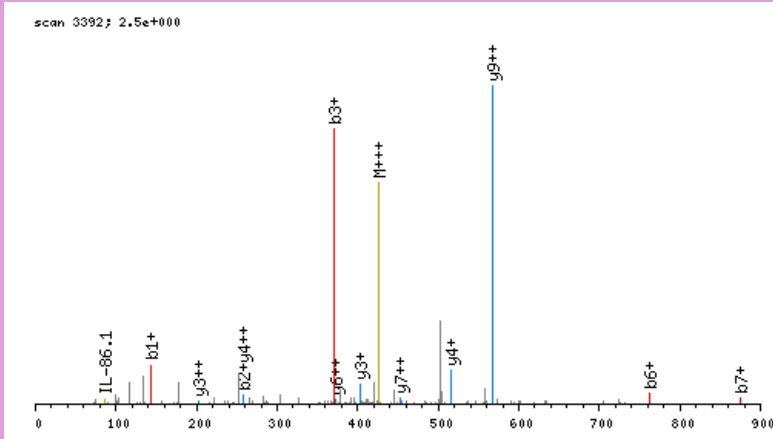
y + 2+ 3+

z + 2+ 3+

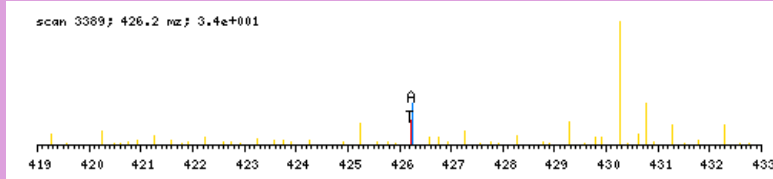
hide H₂O/NH₃

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⁺
144.0660	1	D 10		
258.1090	2	N 9	1133.6067	567.3073
371.1930	3	L 8	1019.5638	510.2858
534.2564	4	Y 7	906.4797	453.7438
648.2993	5	N 6	743.4164	372.2121
762.3422	6	N 5	629.3735	315.1907
875.4263	7	I 4	515.3306	258.1692
988.5103	8	I 3	402.2465	201.6272
1102.5533	9	N 2	289.1624	145.0851
	10	R 1	175.1195	88.0637

N-term:+29.04

DNQLQEGKNVIGLQMGNTNR, MH+ 2171.1243, m/z 724.3796
 L OSG39 P180811 230811-s1.04973.04973.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

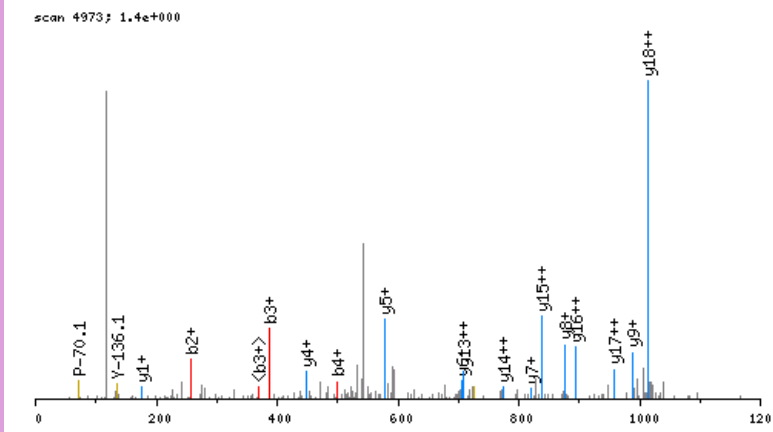
y + 2+ 3+

z + 2+ 3+

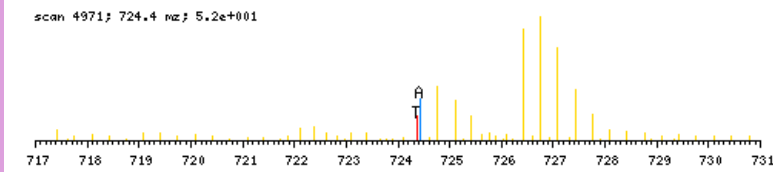
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
258.1090	2	N	18	2028.0661	1014.5369
386.1675	3	Q	17	1914.0231	957.5155
499.2516	4	L	16	1785.9646	893.4862
627.3102	5	Q	15	1672.8805	836.9442
756.3528	6	E	14	1544.8219	772.9149
813.3742	7	G	13	1415.7793	708.3936
969.5005	8	K	12	1358.7579	679.8828
1083.5435	9	N	11	1202.6316	601.8197
1182.6119	10	V	10	1088.5886	544.7982
1295.6960	11	I	9	989.5202	495.2640
1352.7174	12	G	8	876.4362	438.7220
1465.8015	13	L	7	819.4147	410.2113
1593.8601	14	Q	6	706.3306	353.6692
1724.9005	15	M	5	578.2721	289.6399
1781.9220	16	G	4	447.2316	224.1197
1882.9697	17	T	3	390.2101	195.6090
1997.0126	18	N	2	289.1624	145.0851
	19	R	1	175.1195	88.0637

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

DPAIYFKEQFLDGDWTNR, MH+ 2342.1457, m/z 586.2919
 L OSG40 P180811 230811-s1.09332.09332.4.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+

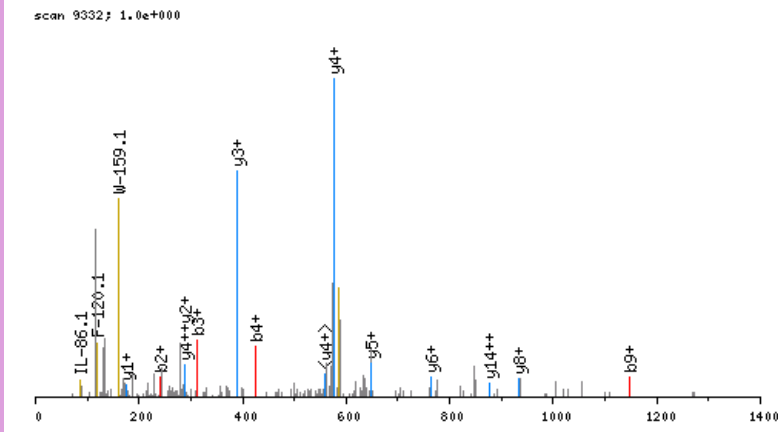
y + 2+ 3+

z + 2+ 3+

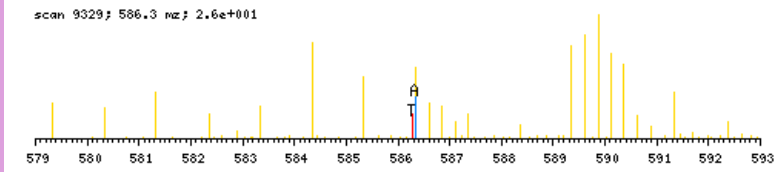
hide H₂O/NH₃

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		
241.1188	2	P	18	2199.0875	1100.0477
312.1559	3	A	17	2102.0348	1051.5213
425.2400	4	I	16	2030.9976	1016.0027
588.3033	5	Y	15	1917.9136	959.4607
735.3717	6	F	14	1754.8502	877.9290
891.4980	7	K	13	1607.7818	804.3948
1020.5406	8	E	12	1451.6555	726.3317
1148.5992	9	Q	11	1322.6129	661.8104
1295.6676	10	F	10	1194.5544	597.7811
1408.7517	11	L	9	1047.4859	524.2469
1523.7786	12	D	8	934.4019	467.7049
1580.8001	13	G	7	819.3749	410.1914
1695.8270	14	D	6	762.3535	381.6807
1766.8641	15	A	5	647.3265	324.1672
1952.9435	16	W	4	576.2894	288.6486
2053.9911	17	T	3	390.2101	195.6090
2168.0341	18	N	2	289.1624	145.0851
	19	R	1	175.1195	88.0637

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

DPASTLPDIQVQENFSESR, MH+ 2167.0731, m/z 723.0292
 H OSG36 P180811 230811-s1.04877.04877.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

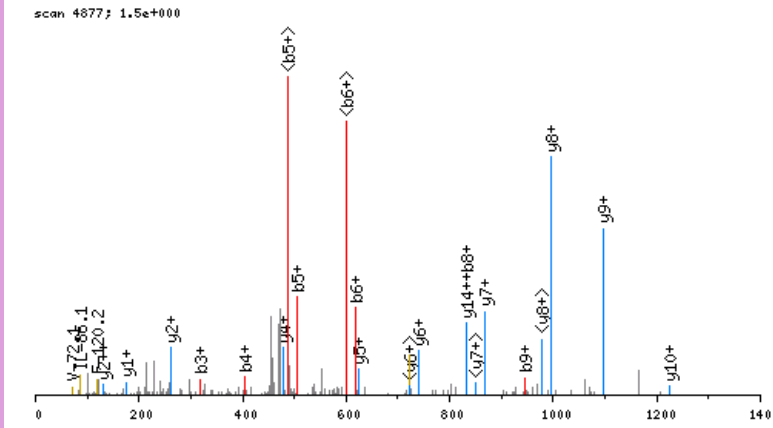
y + 2+ 3+

z + 2+ 3+

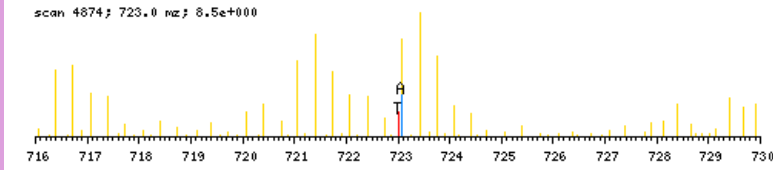
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
247.1506	2	P	18	2017.9831	1009.4954
318.1877	3	A	17	1920.9303	960.9691
405.2197	4	S	16	1849.8932	925.4505
506.2674	5	T	15	1762.8612	881.9345
619.3515	6	L	14	1661.8135	831.4107
716.4043	7	P	13	1548.7294	774.8686
831.4312	8	D	12	1451.6767	726.3422
944.5153	9	I	11	1336.6497	668.8288
1072.5738	10	Q	10	1223.5657	612.2867
1171.6423	11	V	9	1095.5071	548.2575
1299.7008	12	Q	8	996.4387	498.7232
1428.7434	13	E	7	868.3801	434.6940
1542.7864	14	N	6	739.3375	370.1727
1689.8548	15	F	5	625.2946	313.1512
1776.8868	16	S	4	478.2262	239.6170
1905.9294	17	E	3	391.1941	196.1010
1992.9614	18	S	2	262.1515	131.5797
	19	R	1	175.1195	88.0637

N-term:+35.07

DPPASVVVGPVVVPR, MH+ 1515.8899, m/z 505.9681
 L OSG36 P180811 230811-s1.04710.04710.3.dta

scan 4710; 4.1e+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+

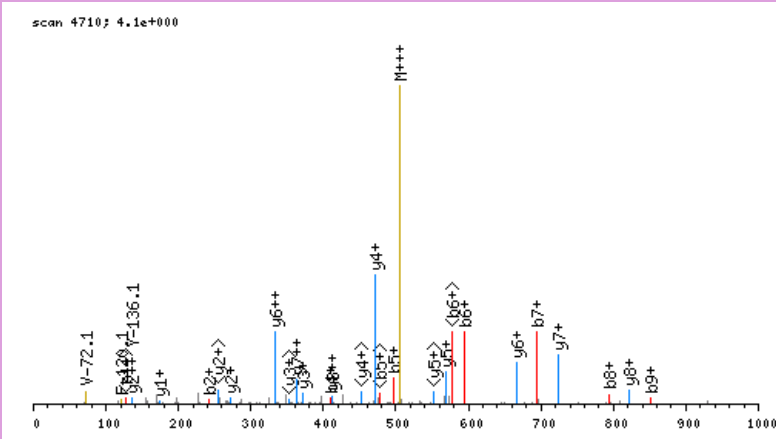
y + 2+ 3+

z + 2+ 3+

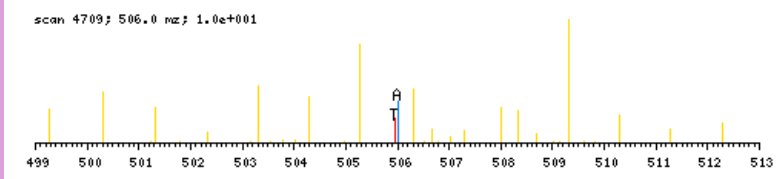
hide H₂O/NH₃

zoom 112-122

GO



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



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 OSG39 P180811 230811-s1.04820.04820.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

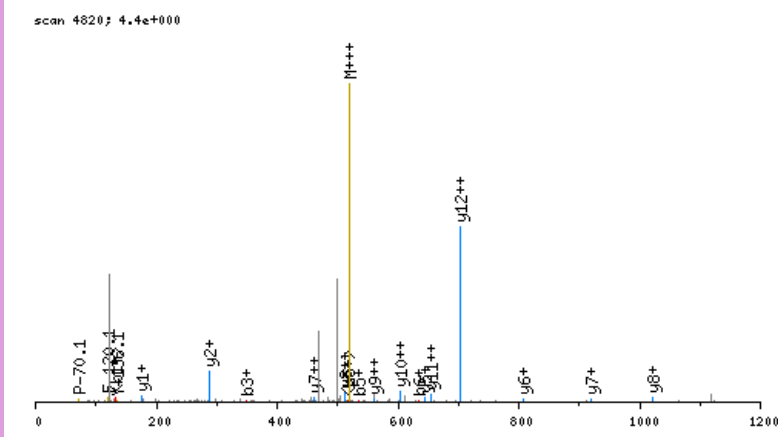
y + 2+ 3+

z + 2+ 3+

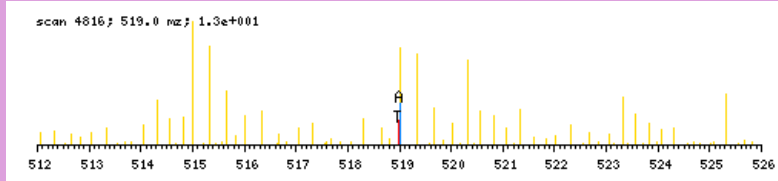
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

DPVLCFTQYEESGR, MH+ 1821.8541, m/z 607.9562
 H OSG37 P180811 230811-s1.07286.07286.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

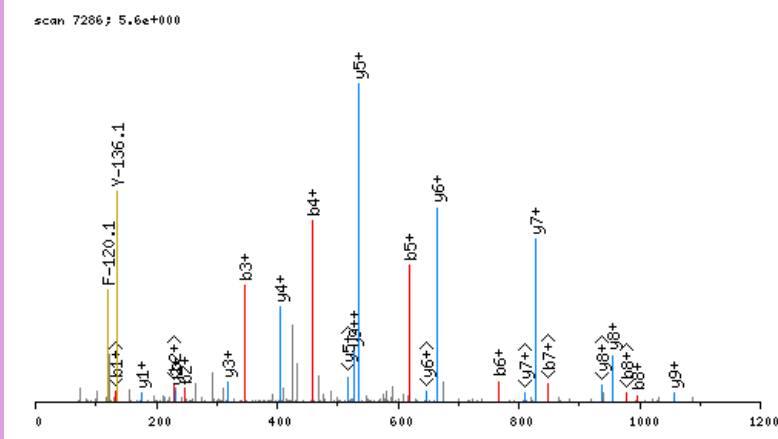
y + 2+ 3+

z + 2+ 3+

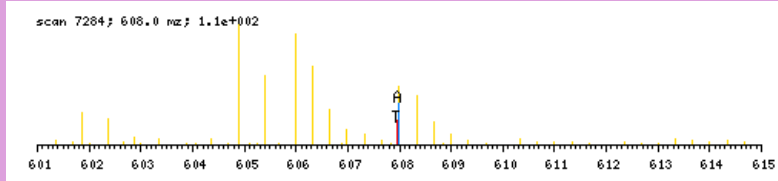
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
247.1506	2	P	14	1672.7640	836.8859
346.2190	3	V	13	1575.7113	788.3596
459.3031	4	L	12	1476.6429	738.8253
619.3337	5	C	11	1363.5588	682.2833
766.4021	6	F	10	1203.5282	602.2680
867.4498	7	T	9	1056.4598	528.7338
995.5084	8	Q	8	955.4121	478.2100
1158.5717	9	Y	7	827.3535	414.1807
1287.6143	10	E	6	664.2902	332.6490
1416.6569	11	E	5	535.2476	268.1277
1503.6889	12	S	4	406.2050	203.6064
1590.7209	13	S	3	319.1730	160.0904
1647.7424	14	G	2	232.1410	116.5744
	15	R	1	175.1195	88.0637

N-term:+35.07 C(5):+160.03

DQDEIDCLPGLAKQPSFR, MH+ 2145.0650, m/z 715.6932
 L OSG39 P180811 230811-s1.06167.06167.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

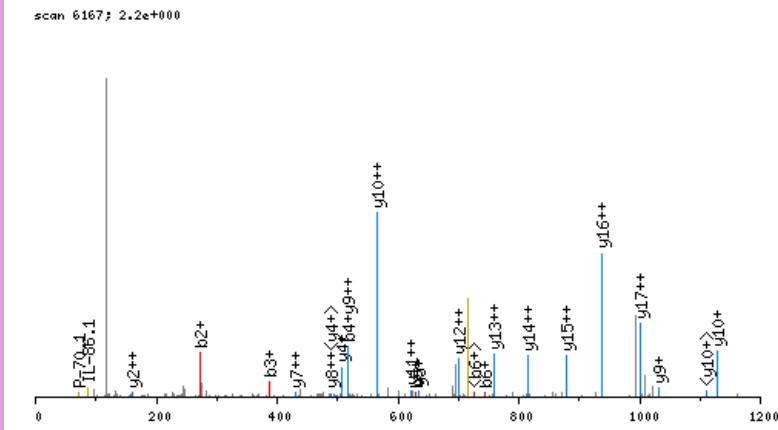
y + 2+ 3+

z + 2+ 3+

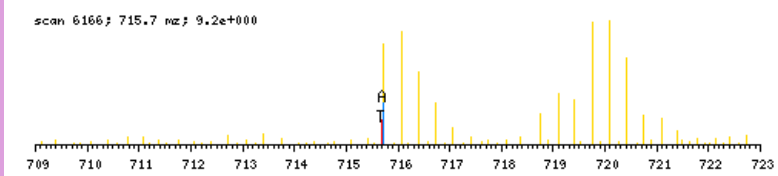
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
272.1246	2	Q 17	2002.0068	1001.5073
387.1516	3	D 16	1873.9482	937.4780
516.1942	4	E 15	1758.9213	879.9645
629.2782	5	I 14	1629.8787	815.4432
744.3052	6	D 13	1516.7946	758.9012
904.3358	7	C 12	1401.7677	701.3877
1017.4198	8	L 11	1241.7371	621.3724
1114.4726	9	P 10	1128.6530	564.8304
1171.4941	10	G 9	1031.6002	516.3040
1284.5781	11	L 8	974.5788	487.7933
1355.6152	12	A 7	861.4947	431.2513
1511.7415	13	K 6	790.4576	395.7327
1639.8001	14	Q 5	634.3313	317.6696
1736.8529	15	P 4	506.2727	253.6403
1823.8849	16	S 3	409.2199	205.1139
1970.9533	17	F 2	322.1879	161.5979
	18	R 1	175.1195	88.0637

N-term: +29.04 C(7): +160.03
 K(13): +156.13

DQGAPGPVGPAGPR, MH+ 1303.6758, m/z 652.3416
 L OSG37 P180811 230811-s1.02712.02712.2.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+

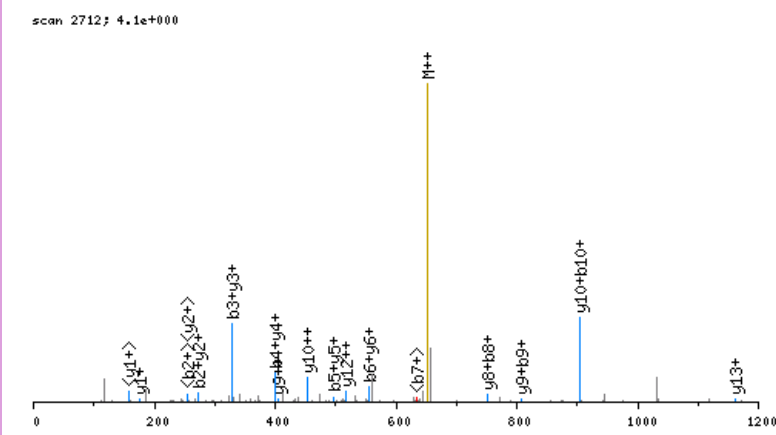
y + 2+ 3+

z + 2+ 3+

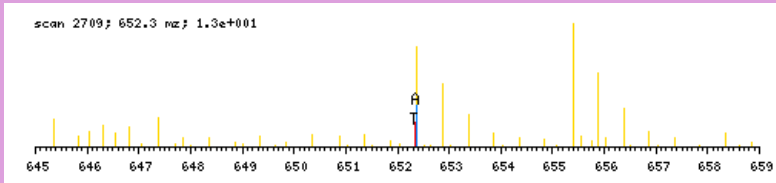
hide H₂O/NH₃

zoom 112-122

GO



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



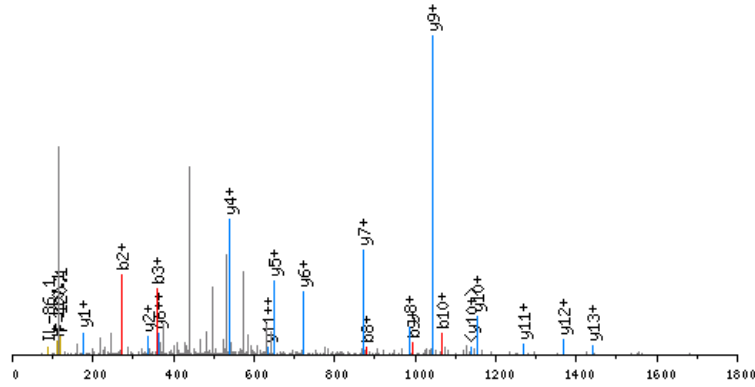
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0660	1	D 14		
272.1246	2	Q 13	1160.6176	580.8127
329.1461	3	G 12	1032.5591	516.7834
400.1832	4	A 11	975.5376	488.2727
497.2360	5	P 10	904.5005	452.7542
554.2574	6	G 9	807.4477	404.2278
651.3102	7	P 8	750.4262	375.7170
750.3786	8	V 7	653.3735	327.1907
807.4001	9	G 6	554.3051	277.6564
904.4528	10	P 5	497.2836	249.1457
975.4899	11	A 4	400.2308	200.6193
1032.5114	12	G 3	329.1937	165.1008
1129.5642	13	P 2	272.1723	136.5900
	14	R 1	175.1195	88.0637

N-term:+29.04

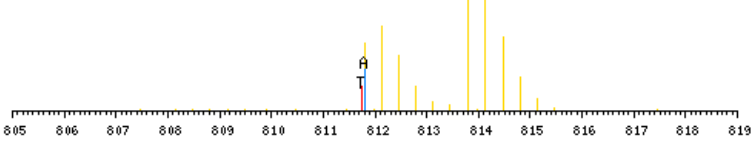
DQSPASHEIATNLGDFAIPLYR, MH+ 2433.2050, m/z 811.7399
 L OSG38 P180811 230811-s1.07975.07975.3.dta

scan 7975; 1.2e+001



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

scan 7974; 811.7 mz; 2.0e+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⁺
144.0660	1	D 22		
272.1246	2	Q 21	2290.1468	1145.5773
359.1566	3	S 20	2162.0882	1081.5480
456.2094	4	P 19	2075.0562	1038.0320
527.2465	5	A 18	1978.0034	989.5056
614.2786	6	S 17	1906.9663	953.9871
751.3375	7	H 16	1819.9343	910.4710
880.3801	8	E 15	1682.8754	841.9416
993.4641	9	I 14	1553.8328	777.4203
1064.5012	10	A 13	1440.7487	720.8783
1165.5489	11	T 12	1369.7116	685.3597
1279.5918	12	N 11	1268.6639	634.8359
1392.6759	13	L 10	1154.6210	577.8144
1449.6974	14	G 9	1041.5369	521.2724
1564.7243	15	D 8	984.5155	492.7616
1711.7927	16	F 7	869.4885	435.2482
1782.8298	17	A 6	722.4201	361.7140
1895.9139	18	I 5	651.3830	326.1954
1982.9459	19	S 4	538.2989	269.6534
2096.0300	20	L 3	451.2669	226.1374
2259.0933	21	Y 2	338.1828	169.5953
	22	R 1	175.1195	88.0637

N-term:+29.04

DQSPASHEIATNLGDFALR, MH+ 2076.0574, m/z 692.6906
 H OSG39 P180811 230811-s1.06399.06399.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

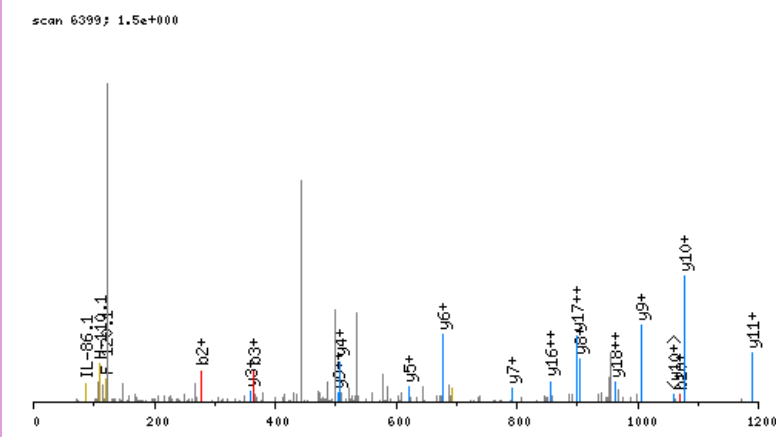
y + 2+ 3+

z + 2+ 3+

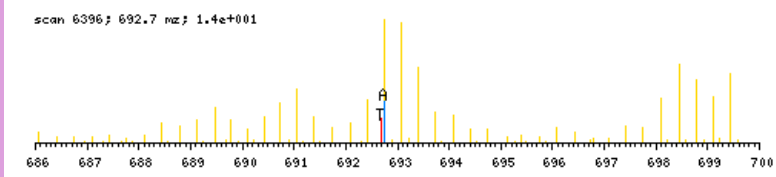
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
278.1564	2	Q 18	1926.9674	963.9876
365.1884	3	S 17	1798.9088	899.9583
462.2412	4	P 16	1711.8768	856.4423
533.2783	5	A 15	1614.8240	807.9159
620.3104	6	S 14	1543.7869	772.3974
757.3693	7	H 13	1456.7549	728.8813
886.4119	8	E 12	1319.6959	660.3519
999.4959	9	I 11	1190.6533	595.8306
1070.5330	10	A 10	1077.5693	539.2886
1171.5807	11	T 9	1006.5322	503.7700
1285.6236	12	N 8	905.4845	453.2462
1398.7077	13	L 7	791.4416	396.2247
1455.7292	14	G 6	678.3575	339.6827
1570.7561	15	D 5	621.3360	311.1719
1717.8245	16	F 4	506.3091	253.6585
1788.8616	17	A 3	359.2407	180.1243
1901.9457	18	L 2	288.2036	144.6057
	19	R 1	175.1195	88.0637

N-term:+35.07

DQTIQEFKEAFTVIDQNR, MH+ 2366.1992, m/z 592.3053
L OSG38 P180811 230811-s1.07866.07866.4.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+

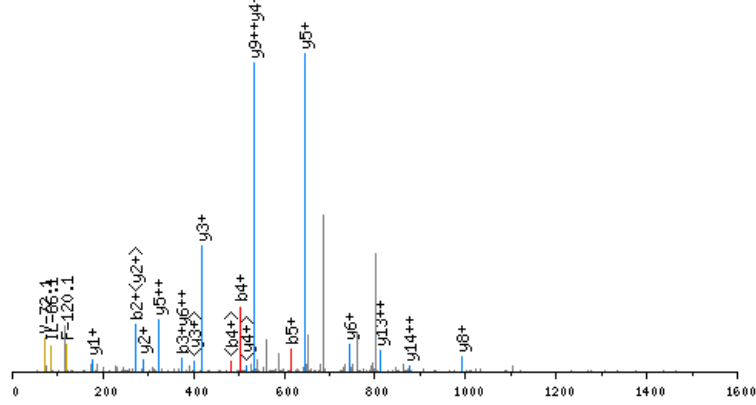
z 2+ 3+

hide H₂O/NH₃

zoom 112-122

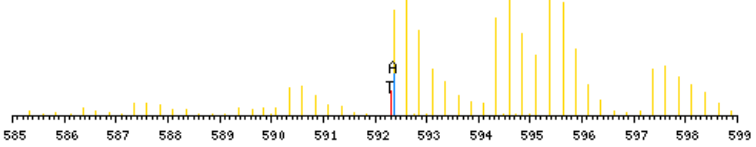
GO

scan 7866; 1.1e+001



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

scan 7864; 592.3 m/z; 7.5e+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	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

DSFRDQAVAIMR, MH+ 1442.7638, m/z 481.5928
 H OSG40 P180811 230811-s1.06286.06286.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

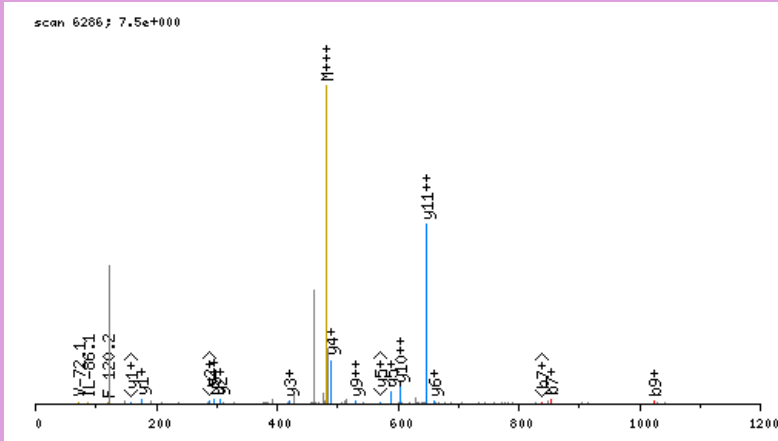
y + 2+ 3+

z + 2+ 3+

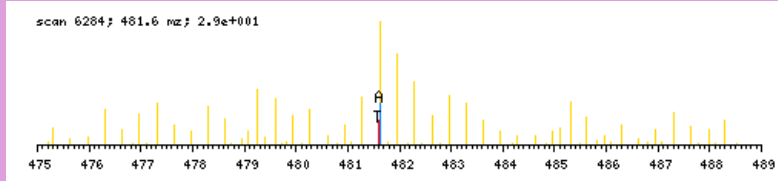
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
237.1299	2	S 11	1293.6738	647.3408
384.1983	3	F 10	1206.6417	603.8248
540.2994	4	R 9	1059.5733	530.2906
655.3263	5	D 8	903.4722	452.2400
783.3849	6	Q 7	788.4453	394.7265
854.4220	7	A 6	660.3867	330.6973
953.4904	8	V 5	589.3496	295.1787
1024.5276	9	A 4	490.2812	245.6445
1137.6116	10	I 3	419.2440	210.1259
1268.6521	11	M 2	306.1600	153.5839
	12	R 1	175.1195	88.0637

N-term:+35.07

DSMDTGAGSIR, MH+ 1137.5210, m/z 569.2641
 L OSG37 P180811 230811-s1.02635.02635.2.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+

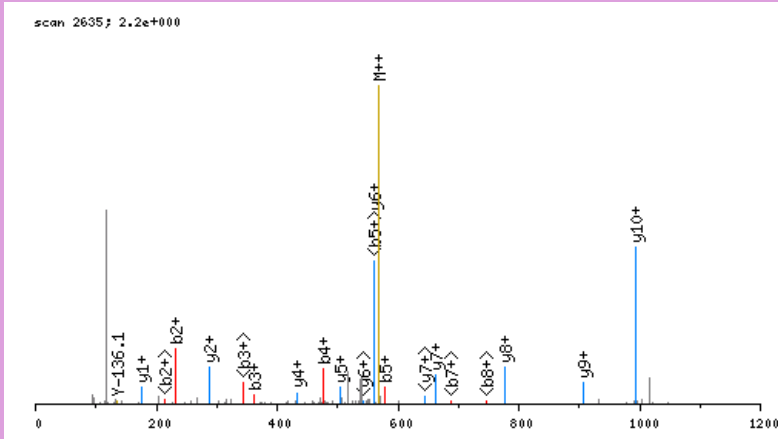
y + 2+ 3+

z + 2+ 3+

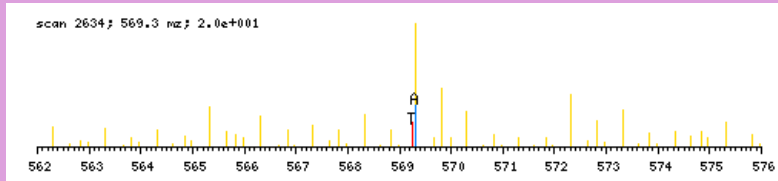
hide H₂O/NH₃

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		
231.0981	2	S	10	994.4628	497.7353
362.1386	3	M	9	907.4307	454.2193
477.1655	4	D	8	776.3903	388.6990
578.2132	5	T	7	661.3633	331.1856
635.2346	6	G	6	560.3156	280.6617
706.2718	7	A	5	503.2942	252.1510
763.2932	8	G	4	432.2571	216.6324
850.3252	9	S	3	375.2356	188.1217
963.4093	10	I	2	288.2036	144.6057
	11	R	1	175.1195	88.0637

N-term: +29.04

DSQVHSGVQVEGR, MH+ 1425.7086, m/z 475.9077
 L OSG40 P180811 230811-s1.02111.02111.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

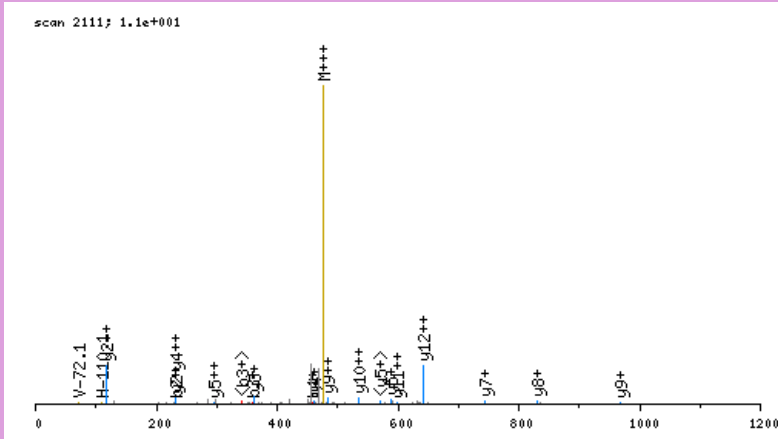
y + 2+ 3+

z + 2+ 3+

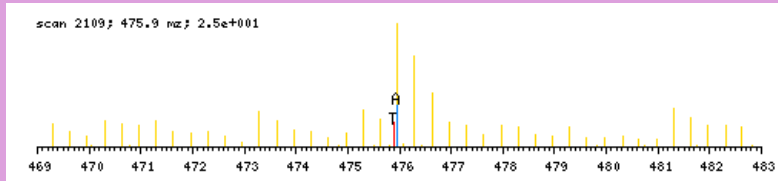
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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+ 1432.6438, m/z 716.8255
 H OSG37 P180811 230811-s1.02812.02812.2.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+

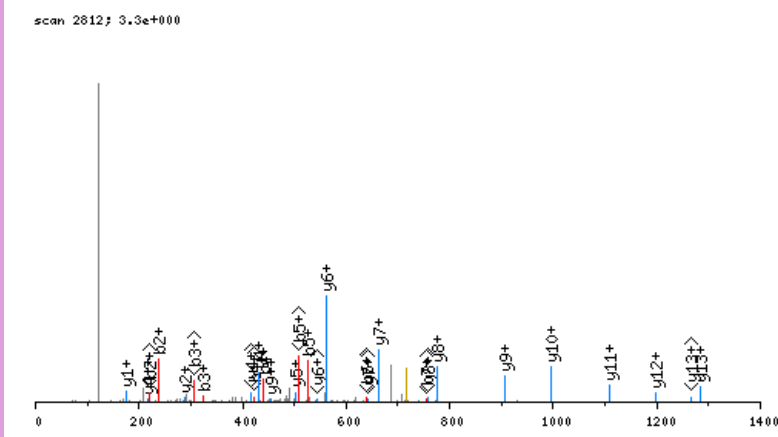
y + 2+ 3+

z + 2+ 3+

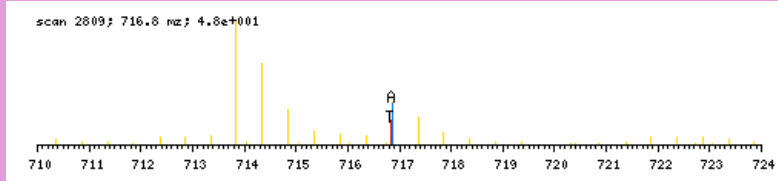
hide H₂O/NH₃

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⁺
150.0978	1	D 14		
237.1299	2	S 13	1283.5538	642.2808
324.1619	3	S 12	1196.5217	598.7648
439.1888	4	D 11	1109.4897	555.2488
526.2209	5	S 10	994.4628	497.7353
657.2614	6	M 9	907.4307	454.2193
772.2883	7	D 8	776.3903	388.6990
873.3360	8	T 7	661.3633	331.1856
930.3574	9	G 6	560.3156	280.6617
1001.3946	10	A 5	503.2942	252.1510
1058.4160	11	G 4	432.2571	216.6324
1145.4480	12	S 3	375.2356	188.1217
1258.5321	13	I 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+35.07

DSVSVFNGAVSDDSKR, MH+ 1738.8612, m/z 580.2919
 L OSG39 P180811 230811-s1.03857.03857.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

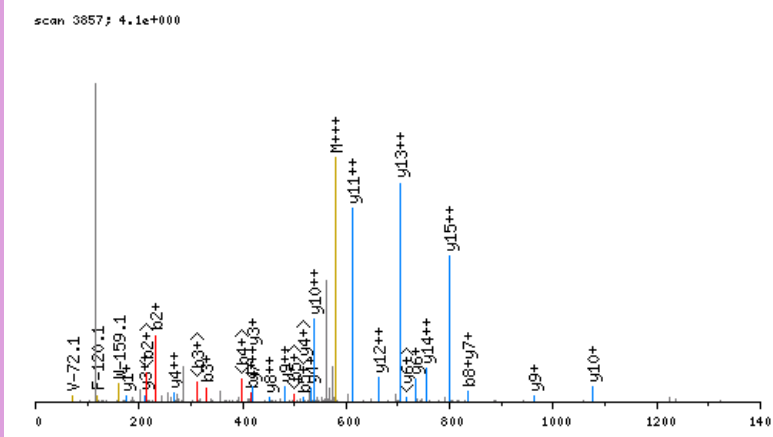
y + 2+ 3+

z + 2+ 3+

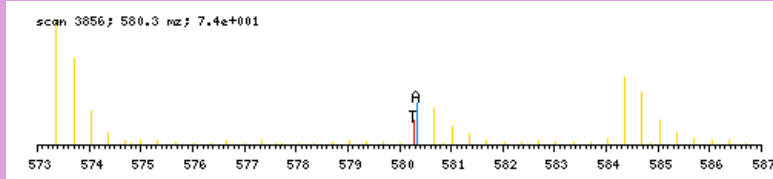
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	
231.0981	2	S	15	1595.8030
330.1665	3	V	14	1508.7709
417.1985	4	S	13	1409.7025
516.2669	5	V	12	1322.6705
663.3353	6	F	11	1223.6021
777.3783	7	N	10	1076.5337
834.3997	8	G	9	962.4907
905.4368	9	A	8	905.4693
1004.5053	10	V	7	834.4322
1091.5373	11	S	6	735.3637
1206.5642	12	D	5	648.3317
1321.5912	13	D	4	533.3048
1408.6232	14	S	3	418.2778
1564.7495	15	K	2	331.2458
	16	R	1	175.1195

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

DSYVGDQAQSKR, MH+ 1422.7501, m/z 474.9216
 H OSG40 P180811 230811-s1.02066.02066.3.dta

scan 2066; 9.0e+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+

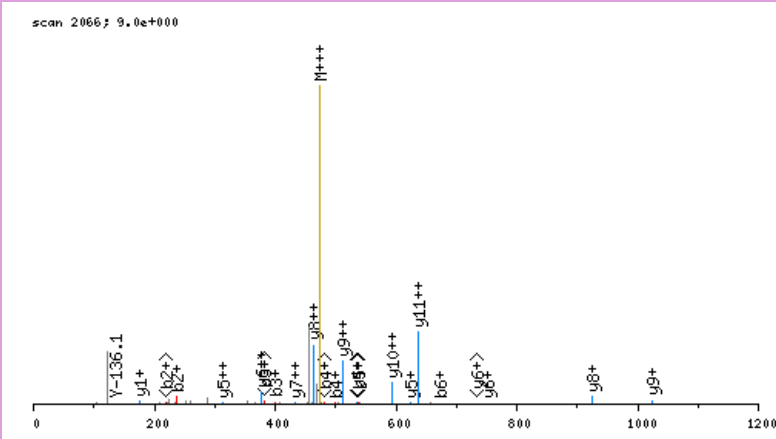
y + 2+ 3+

z + 2+ 3+

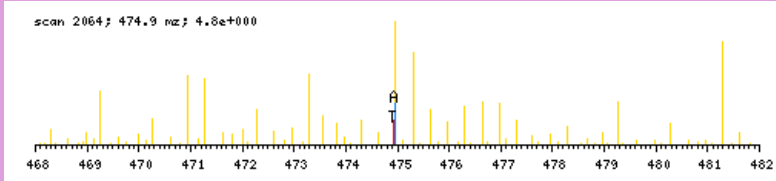
hide H₂O/NH₃

zoom 112-122

GO



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



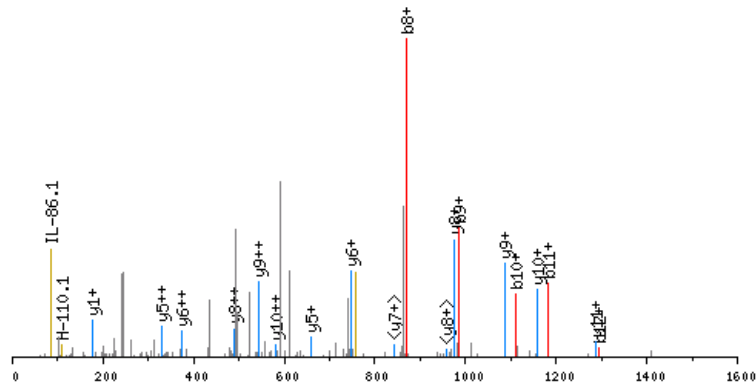
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
150.0978	1	D 12		
237.1299	2	S 11	1273.6601	637.3340
400.1932	3	Y 10	1186.6281	593.8179
499.2616	4	V 9	1023.5647	512.2863
556.2831	5	G 8	924.4963	462.7521
671.3100	6	D 7	867.4749	434.2413
800.3526	7	E 6	752.4479	376.7279
871.3897	8	A 5	623.4053	312.2066
999.4483	9	Q 4	552.3682	276.6880
1086.4803	10	S 3	424.3096	212.6587
1248.6384	11	K 2	337.2776	169.1427
	12	R 1	175.1195	88.0637

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

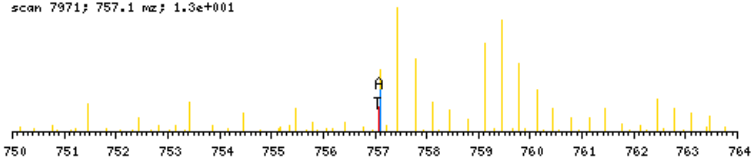
DTFSQLGSLQALDLSWNAIR, MH+ 2269.2040, m/z 757.0729
 H OSG39 P180811 230811-s1.07973.07973.3.dta

scan 7973; 1.4e+000



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

scan 7971; 757.1 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⁺
150.0978	1	D	20	
251.1455	2	T	19	2120.1140
398.2139	3	F	18	2019.0664
485.2460	4	S	17	1871.9979
613.3045	5	Q	16	1784.9659
726.3886	6	L	15	1656.9073
783.4101	7	G	14	1543.8233
870.4421	8	S	13	1486.8018
983.5262	9	L	12	1399.7698
1111.5847	10	Q	11	1286.6857
1182.6219	11	A	10	1158.6271
1295.7059	12	L	9	1087.5900
1410.7329	13	D	8	974.5060
1523.8169	14	L	7	859.4790
1610.8490	15	S	6	746.3949
1796.9283	16	W	5	659.3629
1910.9712	17	N	4	473.2836
1982.0083	18	A	3	359.2407
2095.0924	19	I	2	288.2036
	20	R	1	175.1195

N-term:+35.07

DTPQESPVKSPVVR, MH+ 1592.8648, m/z 531.6265
 L OSG39 P180811 230811-s1.02529.02529.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

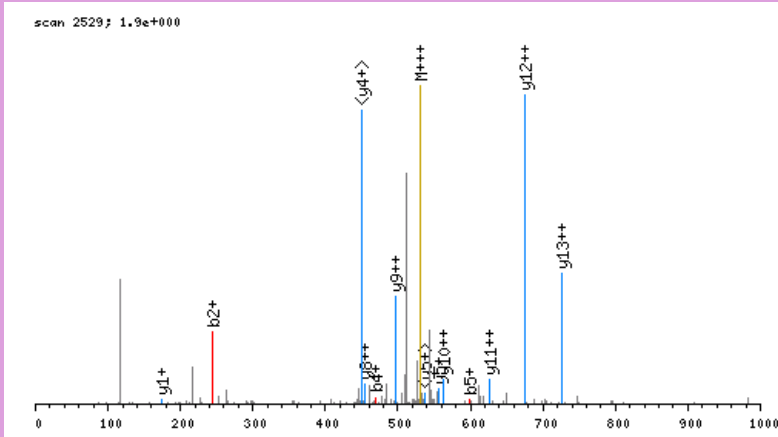
y + 2+ 3+

z + 2+ 3+

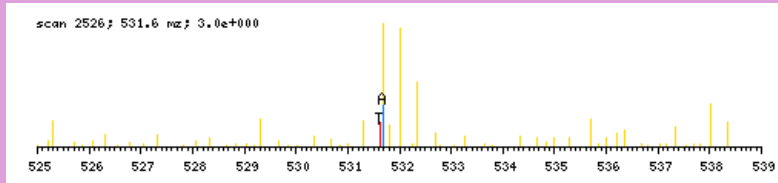
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	
245.1137	2	T	13	1449.8066
342.1665	3	P	12	1348.7589
470.2251	4	Q	11	1251.7061
599.2677	5	E	10	1123.6476
686.2997	6	S	9	994.6050
783.3524	7	P	8	907.5729
882.4209	8	V	7	810.5202
1038.5472	9	K	6	711.4518
1125.5792	10	S	5	555.3255
1222.6320	11	P	4	468.2934
1319.6847	12	P	3	371.2407
1418.7531	13	V	2	274.1879
	14	R	1	175.1195

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

DVPVVADPTVFNVTVTR, MH+ 1813.0283, m/z 605.0143
 H OSG36 P180811 230811-s1.04615.04615.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

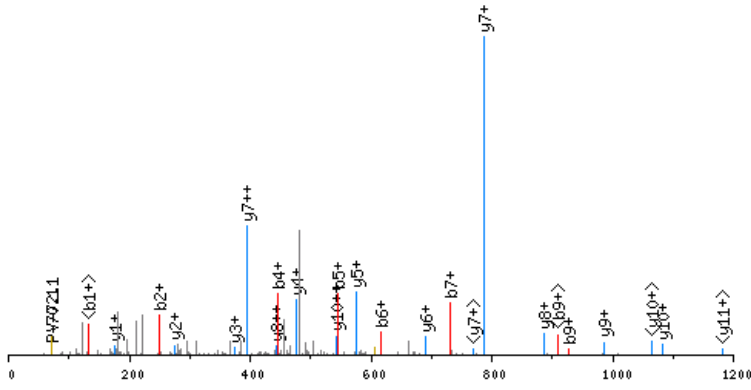
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

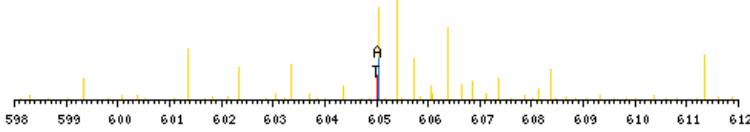
GO

scan 4615; 2.6e+000



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

scan 4614; 605.0 m/z; 6.1e+000



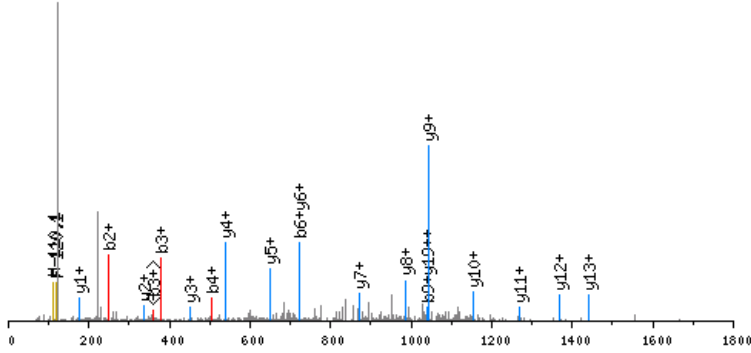
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
150.0978	1	D 17		
249.1663	2	V 16	1663.9383	832.4731
346.2190	3	P 15	1564.8699	782.9389
445.2874	4	V 14	1467.8171	734.4125
544.3558	5	V 13	1368.7487	684.8783
615.3930	6	A 12	1269.6803	635.3441
730.4199	7	D 11	1198.6432	599.8255
827.4727	8	P 10	1083.6162	542.3120
928.5203	9	T 9	986.5635	493.7856
1027.5888	10	V 8	885.5158	443.2618
1124.6415	11	P 7	786.4474	393.7276
1238.6845	12	N 6	689.3946	345.2012
1337.7529	13	V 5	575.3517	288.1798
1438.8005	14	T 4	476.2833	238.6455
1537.8690	15	V 3	375.2356	188.1217
1638.9166	16	T 2	276.1672	138.5875
	17	R 1	175.1195	88.0637

N-term:+35.07

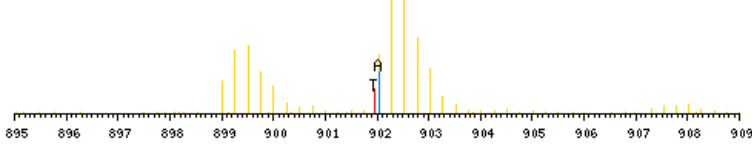
DVQETDTSQKQSPASHEIATNLGDFAIISLYR, MH+ 3604.8043, m/z 901.9565
H OSG40 P180811 230811-s1.09250.09250.4.dta

scan 9250; 3.6e+000



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

scan 9249; 902.0 nz; 5.5e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
150.0978	1	D	32	
249.1663	2	V	31	3455.7143
377.2248	3	Q	30	3356.6459
506.2674	4	E	29	3228.5873
607.3151	5	T	28	3099.5447
722.3420	6	D	27	2998.4971
823.3897	7	T	26	2883.4701
910.4218	8	S	25	2782.4224
1038.4803	9	Q	24	2695.3904
1200.6384	10	K	23	2567.3318
1315.6654	11	D	22	2405.1737
1443.7240	12	Q	21	2290.1468
1530.7560	13	S	20	2162.0882
1627.8087	14	P	19	2075.0562
1698.8459	15	A	18	1978.0034
1785.8779	16	S	17	1906.9663
1922.9368	17	H	16	1819.9343
2051.9794	18	E	15	1682.8754
2165.0635	19	I	14	1553.8328
2236.1006	20	A	13	1440.7487
2337.1483	21	T	12	1369.7116
2451.1912	22	N	11	1268.6639
2564.2752	23	L	10	1154.6210
2621.2967	24	G	9	1041.5369
2736.3236	25	D	8	984.5155
2883.3921	26	F	7	869.4885
2954.4292	27	A	6	722.4201
3067.5132	28	I	5	651.3830
3154.5453	29	S	4	538.2989
3267.6293	30	L	3	451.2669
3430.6927	31	Y	2	338.1828
	32	R	1	175.1195

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

DVQLVESGGGLVQPGGSR, MH+ 1782.9350, m/z 594.9832
 L OSG37 P180811 230811-s1.06150.06150.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

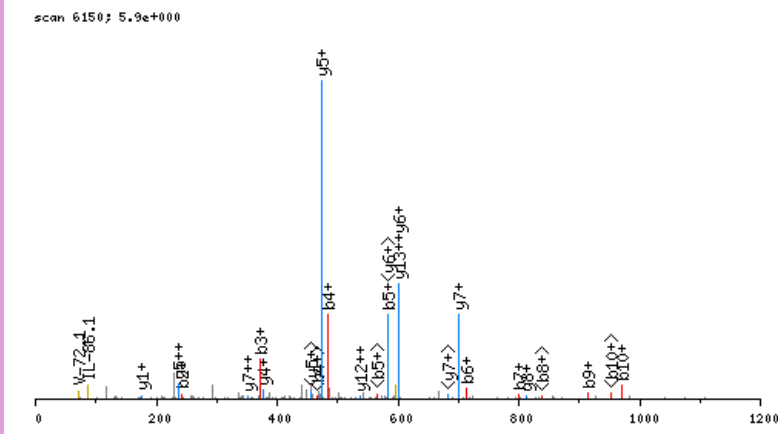
y + 2+ 3+

z + 2+ 3+

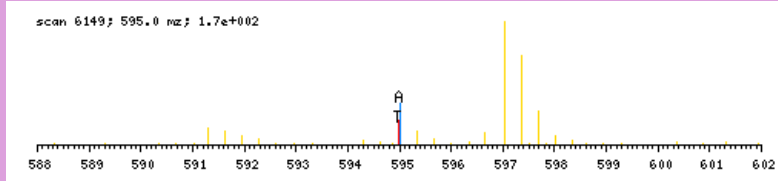
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

DVYKIGGIGTVPVGR, MH+ 1586.9270, m/z 529.6472
 L OSG39 P180811 230811-s1.05375.05375.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

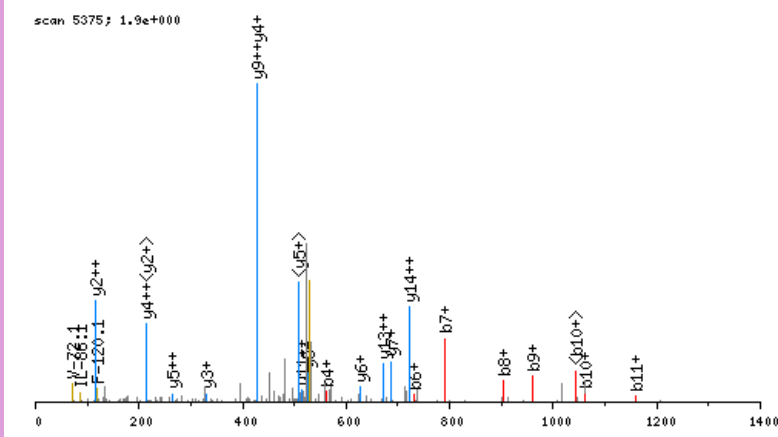
y + 2+ 3+

z + 2+ 3+

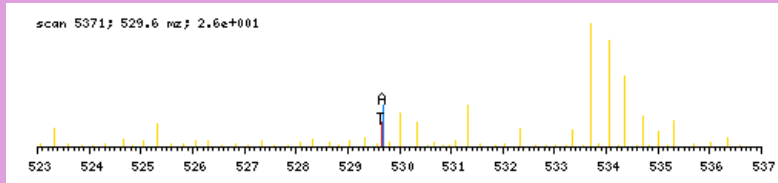
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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+ 1257.7168, m/z 419.9104
 H OSG40 P180811 230811-s1.08300.08300.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

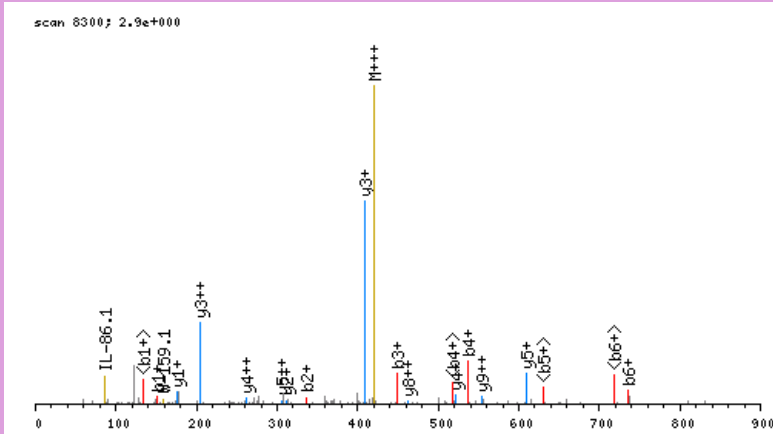
y + 2+ 3+

z + 2+ 3+

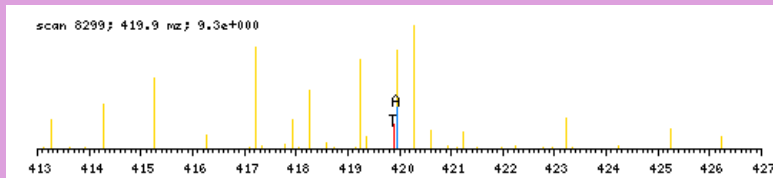
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 10		
336.1772	2	W 9	1108.6267	554.8173
449.2612	3	L 8	922.5474	461.7776
536.2932	4	S 7	809.4634	405.2356
649.3773	5	I 6	722.4313	361.7196
736.4093	6	S 5	609.3473	305.1775
849.4934	7	L 4	522.3152	261.6615
946.5462	8	P 3	409.2312	205.1195
1083.6051	9	H 2	312.1784	156.5931
	10	R 1	175.1195	88.0637

N-term:+35.07

DWVIPPINLPENSR, MH+ 1677.8964, m/z 559.9703
 L OSG37 P180811 230811-s1.08615.08615.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

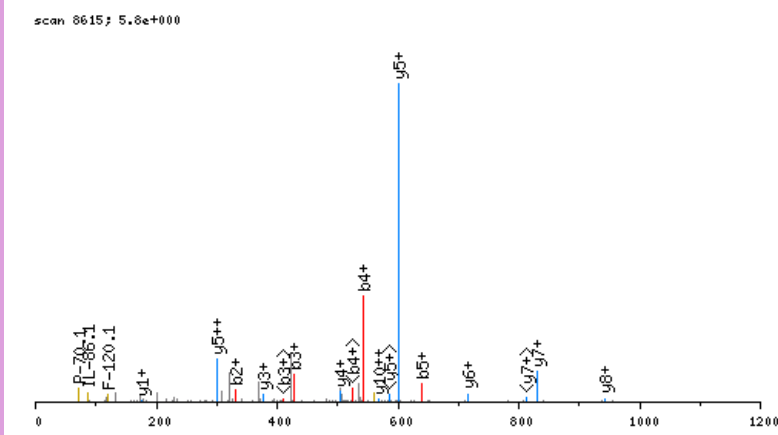
y + 2+ 3+

z + 2+ 3+

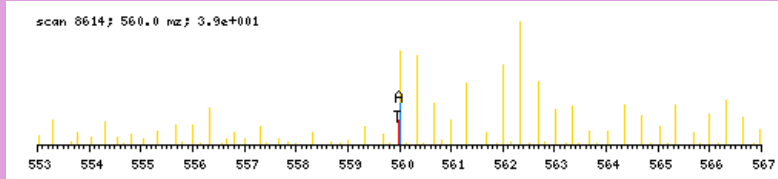
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
330.1454	2	W 13	1534.8382	767.9230
429.2138	3	V 12	1348.7589	674.8833
542.2978	4	I 11	1249.6905	625.3491
639.3506	5	P 10	1136.6064	568.8071
736.4034	6	P 9	1039.5536	520.2807
849.4874	7	I 8	942.5009	471.7543
963.5304	8	N 7	829.4168	415.2123
1076.6144	9	L 6	715.3739	358.1909
1173.6672	10	P 5	602.2898	301.6488
1302.7098	11	E 4	505.2370	253.1224
1416.7527	12	N 3	376.1945	188.6011
1503.7847	13	S 2	262.1515	131.5797
	14	R 1	175.1195	88.0637

N-term:+29.04

EACCVVLLWLALFLSIQPR, MH+ 2429.3452, m/z 608.0917
 L OSG40 P180811 230811-s1.07687.07687.4.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+

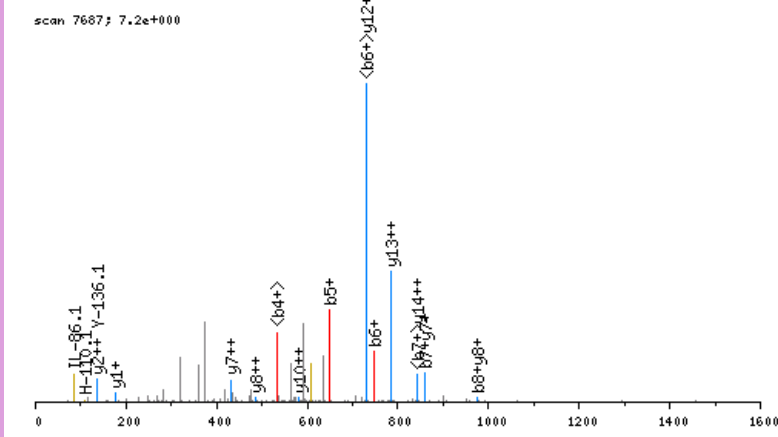
y + 2+ 3+

z + 2+ 3+

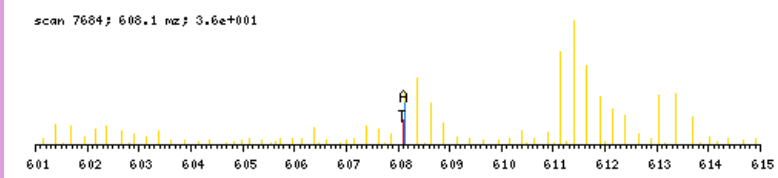
hide H₂O/NH₃

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

EALDCILPPTRPTDKPLR, MH+ 2160.2486, m/z 540.8176
 H OSG40 P180811 230811-s1.06327.06327.4.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+

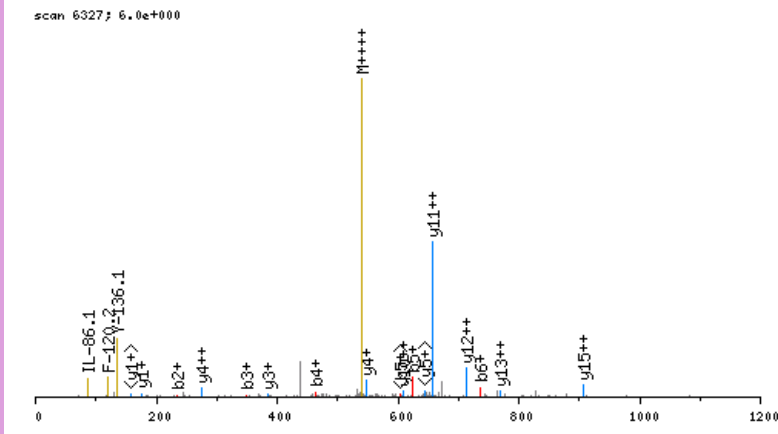
y + 2+ 3+

z + 2+ 3+

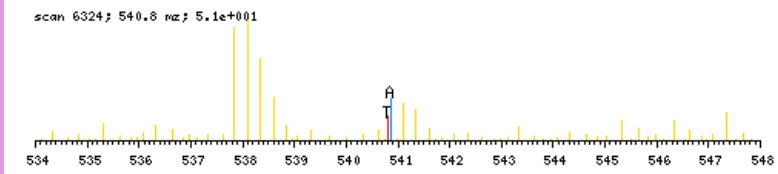
hide H₂O/NH₃

zoom 112-122

GO



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



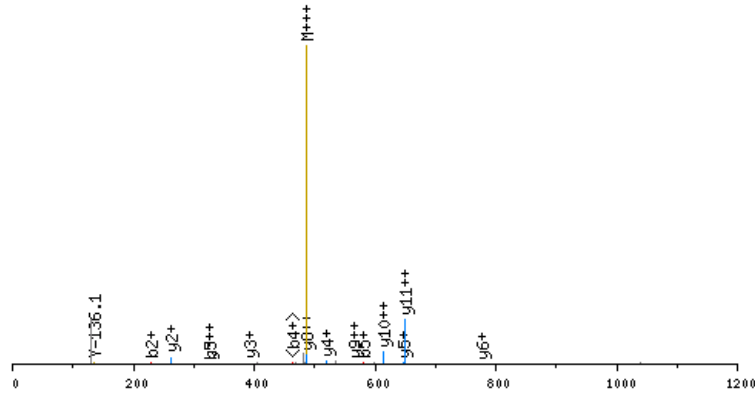
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

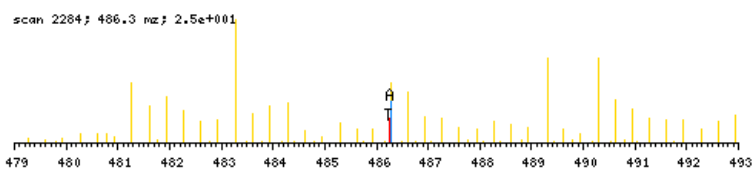
N-term:+35.07 C(5):+160.03
 K(15):+162.16

EAPKVVVEEQESR, MH+ 1456.7648, m/z 486.2598
 L OSG40 P180811 230811-s1.02288.02288.3.dta

scan 2288; 2.3e+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⁺
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

EAPQVTGPIEVPVVR, MH+ 1618.9168, m/z 540.3105
 L OSG37 P180811 230811-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+

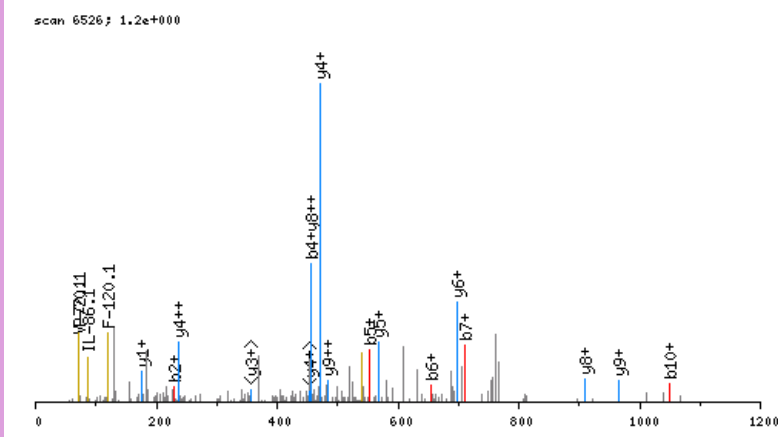
y + 2+ 3+

z + 2+ 3+

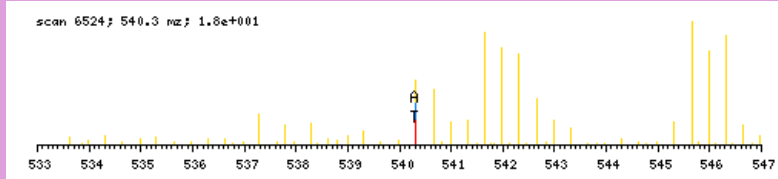
hide H₂O/NH₃

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⁺
158.0817	1	E 15		
229.1188	2	A 14	1461.8429	731.4254
326.1716	3	P 13	1390.8058	695.9068
454.2301	4	Q 12	1293.7531	647.3804
553.2986	5	V 11	1165.6945	583.3512
654.3462	6	T 10	1066.6261	533.8169
711.3677	7	G 9	965.5784	483.2931
808.4205	8	P 8	908.5569	454.7824
921.5045	9	I 7	811.5042	406.2560
1050.5471	10	E 6	698.4201	349.7140
1149.6155	11	V 5	569.3775	285.1927
1246.6683	12	P 4	470.3091	235.6585
1345.7367	13	V 3	373.2563	187.1321
1444.8051	14	V 2	274.1879	137.5979
	15	R 1	175.1195	88.0637

N-term:+29.04

EAVPMSMPILR, MH+ 1368.7383, m/z 456.9176
 L OSG37 P180811 230811-s1.07558.07558.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

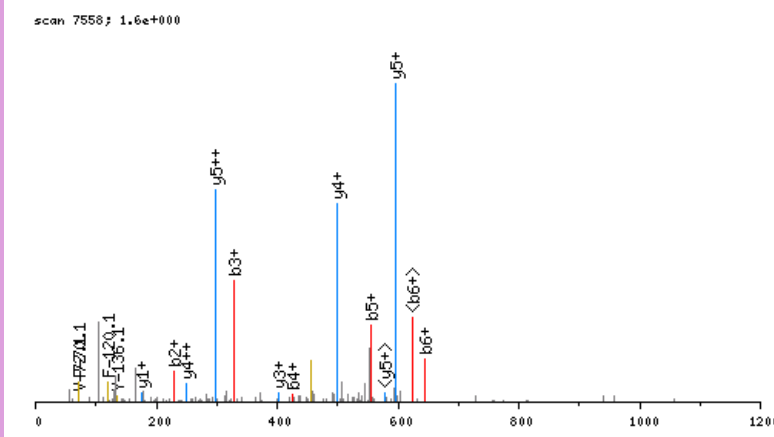
y + 2+ 3+

z + 2+ 3+

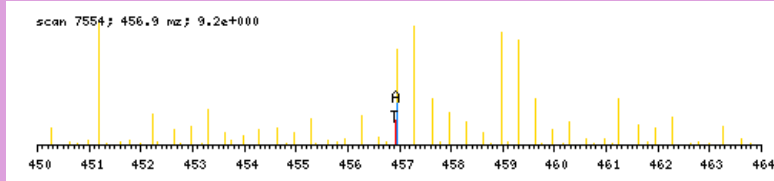
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1211.6644	606.3361
328.1872	3	V 10	1140.6273	570.8176
425.2400	4	P 9	1041.5589	521.2834
556.2805	5	M 8	944.5062	472.7570
643.3125	6	S 7	813.4657	407.2367
774.3530	7	M 6	726.4336	363.7207
871.4057	8	P 5	595.3932	298.2005
968.4585	9	P 4	498.3404	249.6741
1081.5426	10	I 3	401.2876	201.1477
1194.6266	11	L 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+29.04

EDGLDFPEYDGVDR, MH+ 1660.7554, m/z 830.8814
 H OSG37 P180811 230811-s1.06518.06518.2.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+

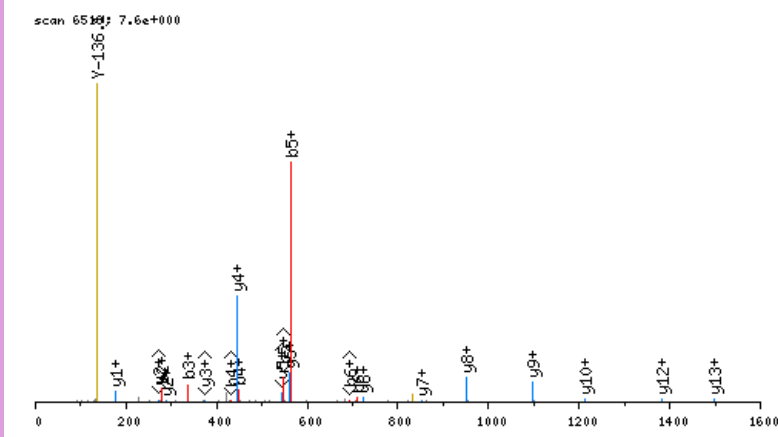
y + 2+ 3+

z + 2+ 3+

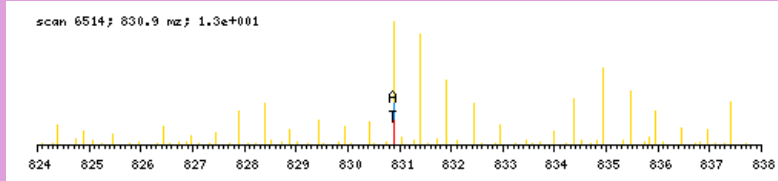
hide H₂O/NH₃

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 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

EDIDLPEPFDAR, MH+ 1454.7227, m/z 727.8650
 H OSG37 P180811 230811-s1.06647.06647.2.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+

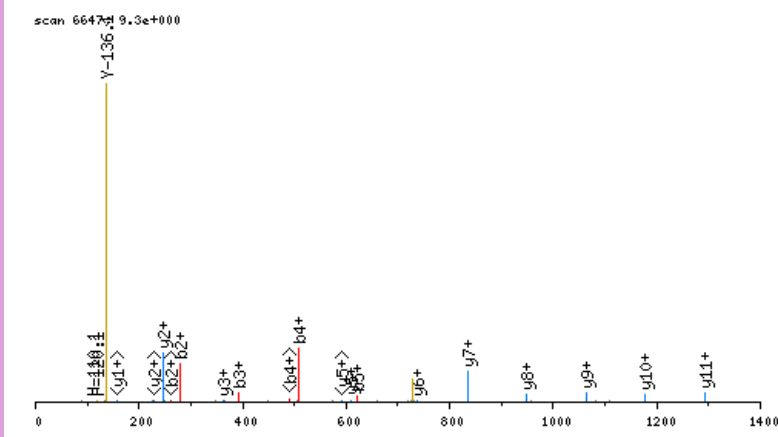
y + 2+ 3+

z + 2+ 3+

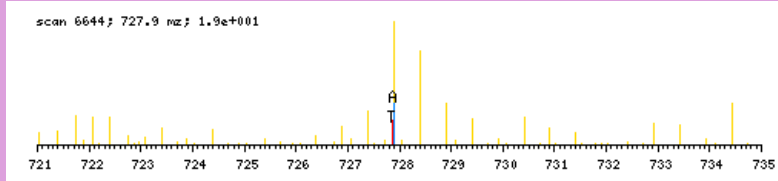
hide H₂O/NH₃

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		
279.1404	2	D 11	1291.6170	646.3124
392.2245	3	I 10	1176.5901	588.7990
507.2514	4	D 9	1063.5060	532.2569
620.3355	5	L 8	948.4791	474.7434
717.3883	6	P 7	835.3950	418.2014
846.4309	7	E 6	738.3422	369.6750
947.4785	8	T 5	609.2997	305.1537
1094.5470	9	F 4	508.2520	254.6299
1209.5739	10	D 3	361.1836	181.0957
1280.6110	11	A 2	246.1566	123.5822
	12	R 1	175.1195	88.0637

N-term:+35.07

EDIPEVSCIHNGLR, MH+ 1672.8540, m/z 558.2895
 H OSG40 P180811 230811-s1.05856.05856.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

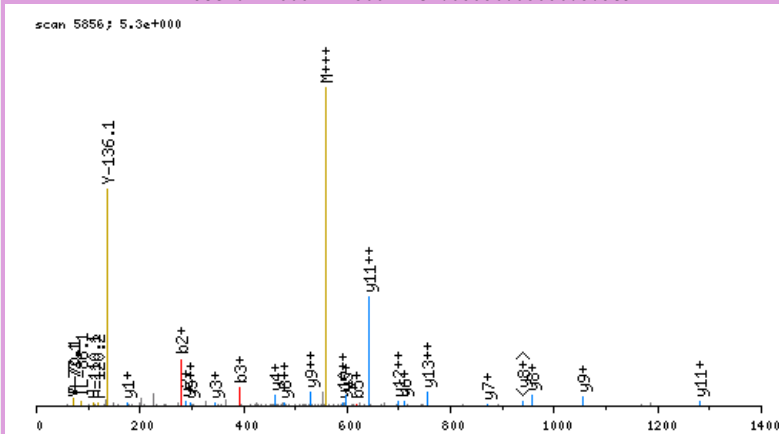
y + 2+ 3+

z + 2+ 3+

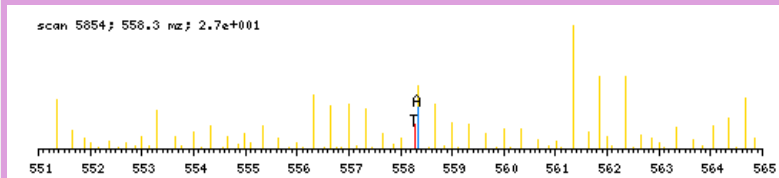
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
279.1404	2	D 13	1509.7483	755.3781
392.2245	3	I 12	1394.7214	697.8646
489.2773	4	P 11	1281.6373	641.3226
618.3199	5	E 10	1184.5846	592.7962
717.3883	6	V 9	1055.5420	528.2749
804.4203	7	S 8	956.4736	478.7407
964.4509	8	C 7	869.4415	435.2247
1077.5350	9	I 6	709.4109	355.2094
1214.5939	10	H 5	596.3269	298.6673
1328.6368	11	N 4	459.2680	230.1379
1385.6583	12	G 3	345.2250	173.1164
1498.7423	13	L 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

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

EDKPADDYSAVLQR, MH+ 1674.8975, m/z 558.9707
 H OSG39 P180811 230811-s1.03630.03630.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

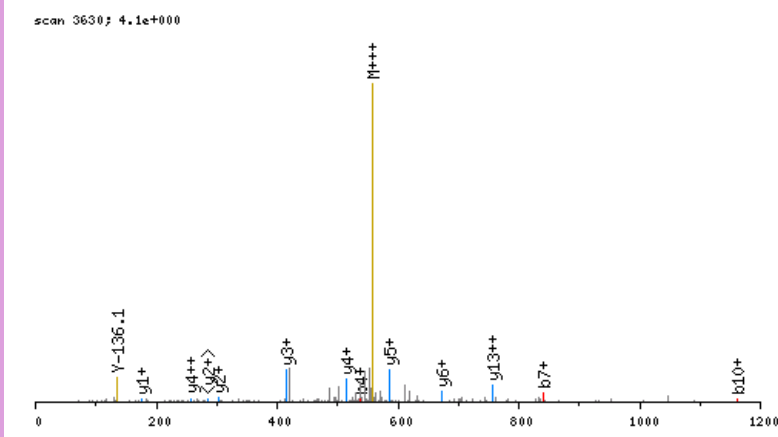
y + 2+ 3+

z + 2+ 3+

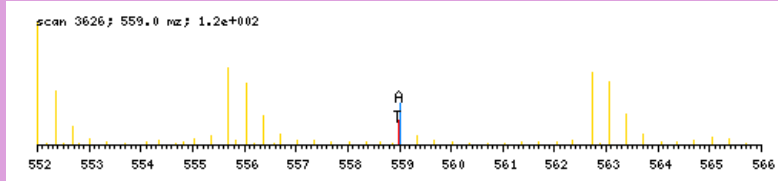
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
279.1404	2	D 13	1511.7918	756.3998
441.2985	3	K 12	1396.7649	698.8864
538.3513	4	P 11	1234.6068	617.8073
609.3884	5	A 10	1137.5540	569.2809
724.4154	6	D 9	1066.5169	533.7624
839.4423	7	D 8	951.4900	476.2489
1002.5056	8	Y 7	836.4630	418.7354
1089.5377	9	S 6	673.3997	337.2038
1160.5748	10	A 5	586.3677	293.6877
1259.6432	11	V 4	515.3306	258.1692
1372.7272	12	L 3	416.2621	208.6350
1500.7858	13	Q 2	303.1781	152.0930
	14	R 1	175.1195	88.0637

N-term:+35.07 K(3):+162.16

EDLVFPSEIVGKR, MH+ 1556.9324, m/z 519.6490
 H OSG39 P180811 230811-s1.05918.05918.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

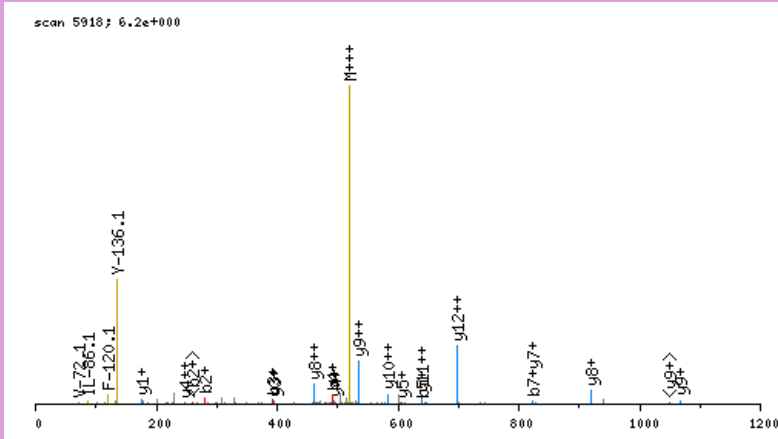
y + 2+ 3+

z + 2+ 3+

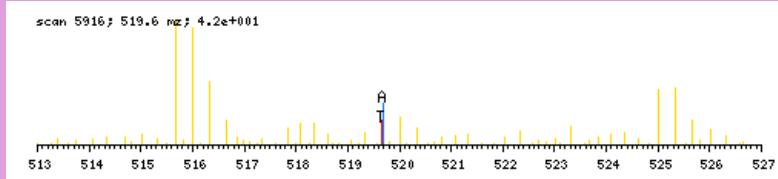
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	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

EDPVKIEGFSR, MH+ 1572.8910, m/z 524.9685
 H OSG39 P180811 230811-s1.07338.07338.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

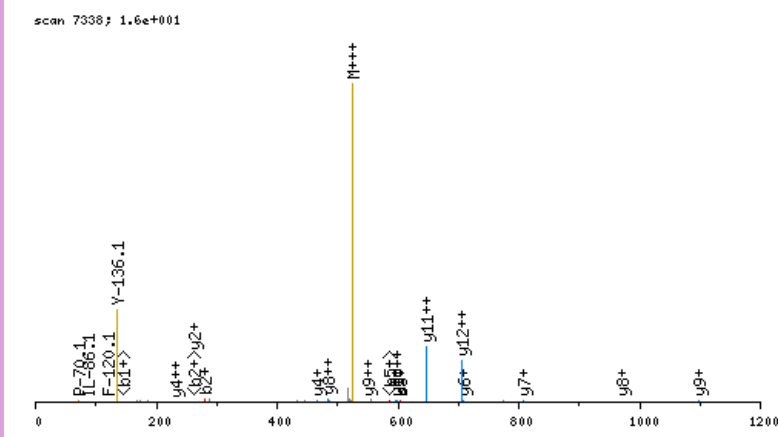
y + 2+ 3+

z + 2+ 3+

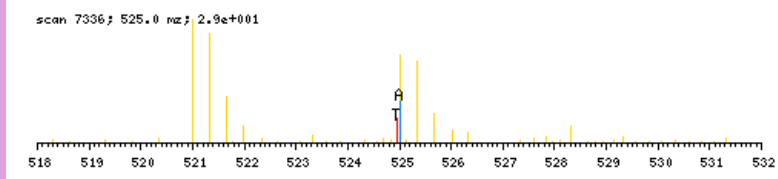
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

EDVQETDTSQKDKSPASHEIATNLGDFAIISLYR, MH+ 3733.8469, m/z 934.2172
H OSG40 P180811 230811-s1.09066.09066.4.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+

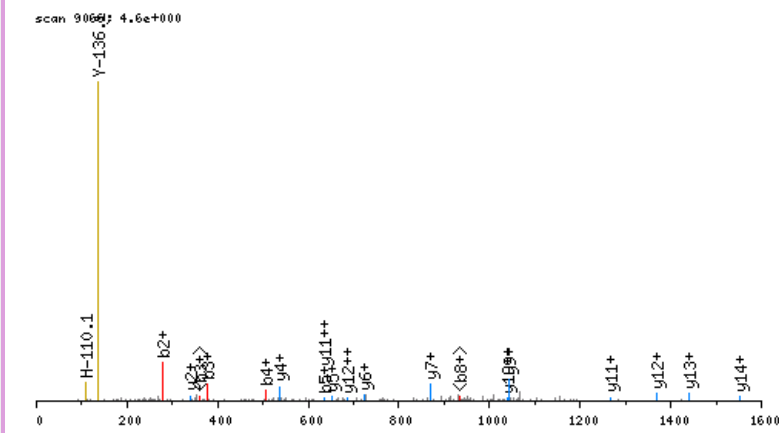
y + 2+ 3+

z + 2+ 3+

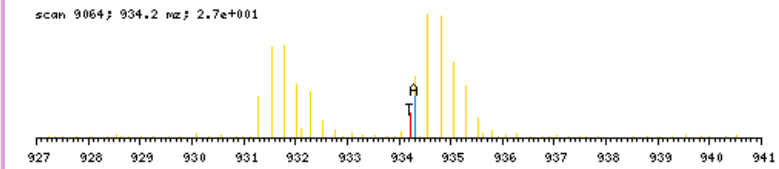
hide H₂O/NH₃

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	33		
279.1404	2	D	32	3570.7413	1785.8745
378.2089	3	V	31	3455.7143	1728.3611
506.2674	4	Q	30	3356.6459	1678.8269
635.3100	5	E	29	3228.5873	1614.7976
736.3577	6	T	28	3099.5447	1550.2763
851.3846	7	D	27	2998.4971	1499.7524
952.4323	8	T	26	2883.4701	1442.2390
1039.4643	9	S	25	2782.4224	1391.7151
1167.5229	10	Q	24	2695.3904	1348.1991
1329.6810	11	K	23	2567.3318	1284.1698
1444.7080	12	D	22	2405.1737	1203.0908
1572.7665	13	Q	21	2290.1468	1145.5773
1659.7986	14	S	20	2162.0882	1081.5480
1756.8513	15	P	19	2075.0562	1038.0320
1827.8885	16	A	18	1978.0034	989.5056
1914.9205	17	S	17	1906.9663	953.9871
2051.9794	18	H	16	1819.9343	910.4710
2181.0220	19	E	15	1682.8754	841.9416
2294.1061	20	I	14	1553.8328	777.4203
2365.1432	21	A	13	1440.7487	720.8783
2466.1908	22	T	12	1369.7116	685.3597
2580.2338	23	N	11	1268.6639	634.8359
2693.3178	24	L	10	1154.6210	577.8144
2750.3393	25	G	9	1041.5369	521.2724
2865.3662	26	D	8	984.5155	492.7616
3012.4347	27	F	7	869.4885	435.2482
3083.4718	28	A	6	722.4201	361.7140
3196.5558	29	I	5	651.3830	326.1954
3283.5879	30	S	4	538.2989	269.6534
3396.6719	31	L	3	451.2669	226.1374
3559.7353	32	Y	2	338.1828	169.5953
	33	R	1	175.1195	88.0637

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

EDVQETDTSQKDQSPASHEIATNLGDFALR, MH+ 3370.6675, m/z 1124.2274
 H OSG40 P180811 230811-s1.07368.07368.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

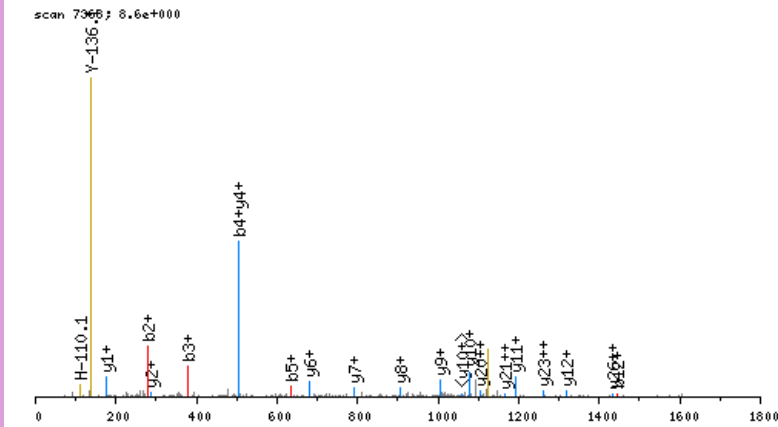
y + 2+ 3+

z + 2+ 3+

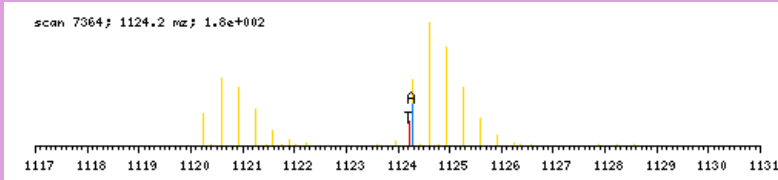
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	30		
279.1404	2	D	29	3207.5618	1604.2848
378.2089	3	V	28	3092.5349	1546.7714
506.2674	4	Q	27	2993.4665	1497.2372
635.3100	5	E	26	2865.4079	1433.2079
736.3577	6	T	25	2736.3653	1368.6866
851.3846	7	D	24	2635.3176	1318.1627
952.4323	8	T	23	2520.2907	1260.6493
1039.4643	9	S	22	2419.2430	1210.1254
1167.5229	10	Q	21	2332.2110	1166.6094
1329.6810	11	K	20	2204.1524	1102.5801
1444.7080	12	D	19	2041.9943	1021.5011
1572.7665	13	Q	18	1926.9674	963.9876
1659.7986	14	S	17	1798.9088	899.9583
1756.8513	15	P	16	1711.8768	856.4423
1827.8885	16	A	15	1614.8240	807.9159
1914.9205	17	S	14	1543.7869	772.3974
2051.9794	18	H	13	1456.7549	728.8813
2181.0220	19	E	12	1319.6959	660.3519
2294.1061	20	I	11	1190.6533	595.8306
2365.1432	21	A	10	1077.5693	539.2886
2466.1908	22	T	9	1006.5322	503.7700
2580.2338	23	N	8	905.4845	453.2462
2693.3178	24	L	7	791.4416	396.2247
2750.3393	25	G	6	678.3575	339.6827
2865.3662	26	D	5	621.3360	311.1719
3012.4347	27	F	4	506.3091	253.6585
3083.4718	28	A	3	359.2407	180.1243
3196.5558	29	L	2	288.2036	144.6057
	30	R	1	175.1195	88.0637

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

EDYYYYHPPPR, MH+ 1364.6275, m/z 455.5474
 L OSG40 P180811 230811-s1.03203.03203.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

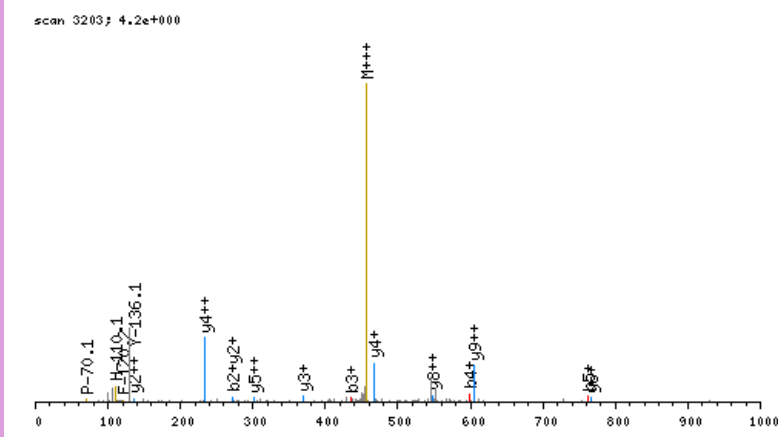
y + 2+ 3+

z + 2+ 3+

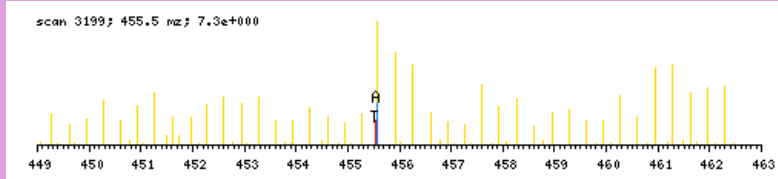
hide H₂O/NH₃

zoom 112-122

GO



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



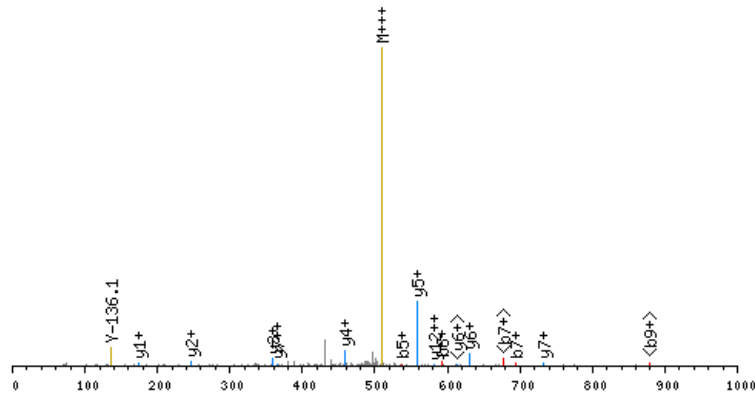
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E	10	
273.1086	2	D	9	1207.5536
436.1720	3	Y	8	1092.5267
599.2353	4	Y	7	929.4634
762.2986	5	Y	6	766.4000
899.3575	6	H	5	603.3367
996.4103	7	P	4	466.2778
1093.4631	8	P	3	369.2250
1190.5158	9	P	2	272.1723
	10	R	1	175.1195

N-term:+29.04

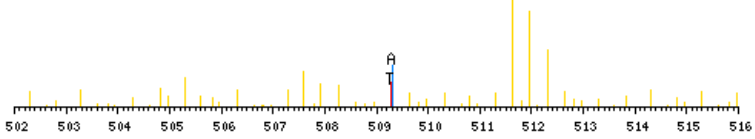
EEAGDGTITATVLAR, MH+ 1525.7922, m/z 509.2689
 H OSG37 P180811 230811-s1.03426.03426.3.dta

scan 3426; 6.5e+000



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

scan 3424; 509.3 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

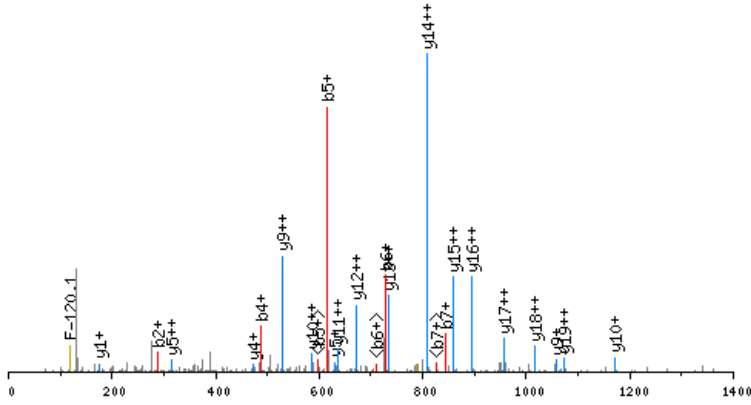
GO

b ⁺	#	AA #	y ⁺	y ²⁺
164.1135	1	E 15		
293.1561	2	E 14	1362.6865	681.8472
364.1932	3	A 13	1233.6439	617.3259
421.2147	4	G 12	1162.6068	581.8073
536.2416	5	D 11	1105.5853	553.2966
593.2631	6	G 10	990.5584	495.7831
694.3107	7	T 9	933.5369	467.2724
795.3584	8	T 8	832.4892	416.7485
896.4061	9	T 7	731.4416	366.2247
967.4432	10	A 6	630.3939	315.7009
1068.4909	11	T 5	559.3568	280.1823
1167.5593	12	V 4	458.3091	229.6585
1280.6434	13	L 3	359.2407	180.1243
1351.6805	14	A 2	246.1566	123.5822
	15	R 1	175.1195	88.0637

N-term:+35.07

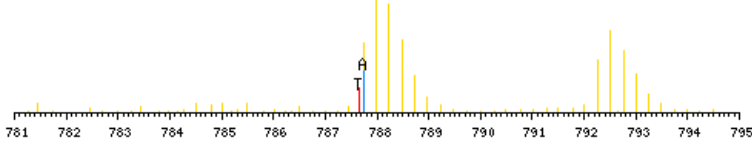
EEAQEIDCND EAVFQAVDASLKKLNAR, MH+ 3147.5632, m/z 787.6463
 L OSG40 P180811 230811-s1.09360.09360.4.dta

scan 9360; 4.2e+000



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

scan 9359; 787.6 nz; 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

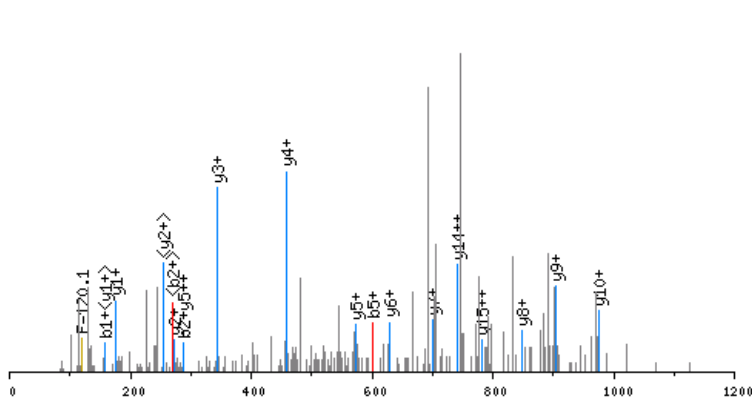
GO

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 27		
287.1243	2	E 26	2990.4894	1495.7486
358.1614	3	A 25	2861.4468	1431.2273
486.2200	4	Q 24	2790.4096	1395.7087
615.2626	5	E 23	2662.3511	1331.6794
728.3466	6	I 22	2533.3085	1267.1581
843.3736	7	D 21	2420.2244	1210.6161
1003.4042	8	C 20	2305.1975	1153.1026
1117.4471	9	N 19	2145.1669	1073.0873
1232.4740	10	D 18	2031.1239	1016.0659
1361.5166	11	E 17	1916.0970	958.5524
1432.5538	12	A 16	1787.0544	894.0311
1531.6222	13	V 15	1716.0173	858.5126
1678.6906	14	F 14	1616.9489	808.9783
1806.7492	15	Q 13	1469.8805	735.4441
1877.7863	16	A 12	1341.8219	671.4149
1976.8547	17	V 11	1270.7848	635.8963
2091.8816	18	D 10	1171.7164	586.3621
2162.9187	19	A 9	1056.6894	528.8486
2249.9508	20	S 8	985.6523	493.3301
2363.0348	21	L 7	898.6203	449.8140
2519.1611	22	K 6	785.5362	393.2720
2675.2874	23	K 5	629.4099	315.2089
2788.3715	24	L 4	473.2836	237.1457
2902.4144	25	N 3	360.1995	180.6037
2973.4515	26	A 2	246.1566	123.5822
	27	R 1	175.1195	88.0637

N-term:+29.04 C(8):+160.03
 K(22):+156.13 K(23):+156.13

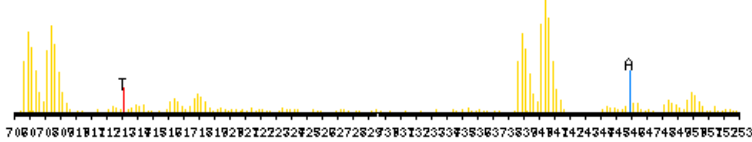
EEEEIAALVIDNGSGMKAGFAGDDAPR, MH+ 2849.3449, m/z 713.0917
L OSG36 P180811 230811-s1.05675.05675.4.dta

scan 5675; 4.2e-001



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

scan 5674; 713.1 m/z: 9.5e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 27		
287.1243	2	E 26	2692.2711	1346.6394
416.1669	3	E 25	2563.2285	1282.1181
529.2509	4	I 24	2434.1859	1217.5969
600.2881	5	A 23	2321.1018	1161.0548
671.3252	6	A 22	2250.0647	1125.5363
784.4092	7	L 21	2179.0276	1090.0177
883.4776	8	V 20	2065.9435	1033.4757
996.5617	9	I 19	1966.8751	983.9415
1111.5887	10	D 18	1853.7910	927.3994
1225.6316	11	N 17	1738.7641	869.8860
1282.6530	12	G 16	1624.7212	812.8645
1369.6851	13	S 15	1567.6997	784.3538
1426.7065	14	G 14	1480.6677	740.8378
1557.7470	15	M 13	1423.6462	712.3270
1717.7776	16	C 12	1292.6057	646.8068
1873.9039	17	K 11	1132.5751	566.7915
1944.9410	18	A 10	976.4488	488.7283
2001.9625	19	G 9	905.4117	453.2098
2149.0309	20	F 8	848.3903	424.6990
2220.0680	21	A 7	701.3218	351.1648
2277.0895	22	G 6	630.2847	315.6463
2392.1164	23	D 5	573.2633	287.1355
2507.1434	24	D 4	458.2363	229.6221
2578.1805	25	A 3	343.2094	172.1086
2675.2333	26	P 2	272.1723	136.5900
	27	R 1	175.1195	88.0637

N-term: +29.04 C(16) : +160.03
K(17) : +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

EEFLAAFEGSDGNKVKTFVR, MH+ 2328.2240, m/z 582.8115
 L OSG40 P180811 230811-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+

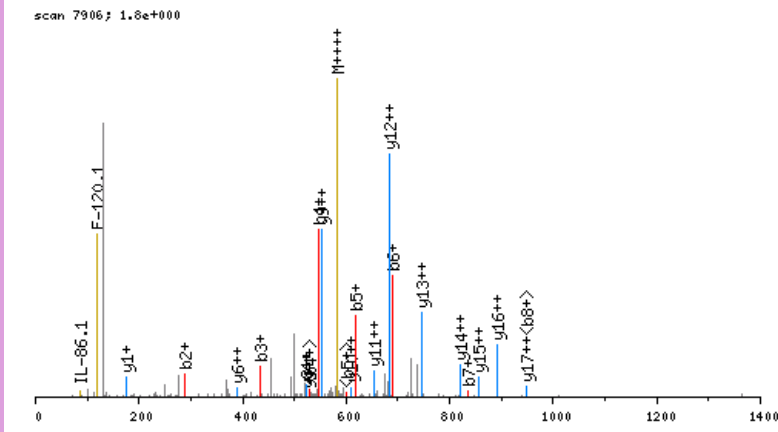
y + 2+ 3+

z + 2+ 3+

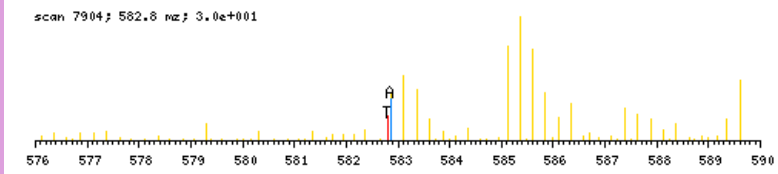
hide H₂O/NH₃

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⁺
158.0817	1	E	20		
287.1243	2	E	19	2171.1502	1086.0790
434.1927	3	F	18	2042.1076	1021.5577
547.2768	4	L	17	1895.0391	948.0235
618.3139	5	A	16	1781.9551	891.4815
689.3510	6	A	15	1710.9180	855.9629
836.4194	7	F	14	1639.8809	820.4443
965.4620	8	E	13	1492.8124	746.9101
1022.4835	9	G	12	1363.7698	682.3888
1109.5155	10	S	11	1306.7484	653.8781
1224.5424	11	D	10	1219.7164	610.3621
1281.5639	12	G	9	1104.6894	552.8486
1395.6068	13	N	8	1047.6679	524.3379
1551.7331	14	K	7	933.6250	467.3164
1650.8015	15	V	6	777.4987	389.2533
1806.9278	16	K	5	678.4303	339.7191
1907.9755	17	T	4	522.3040	261.6559
2055.0439	18	F	3	421.2563	211.1321
2154.1123	19	V	2	274.1879	137.5979
	20	R	1	175.1195	88.0637

N-term:+29.04 K(14):+156.13
 K(16):+156.13

EEIAMATVTALR, MH+ 1332.7197, m/z 666.8635
 L OSG37 P180811 230811-s1.06267.06267.2.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+

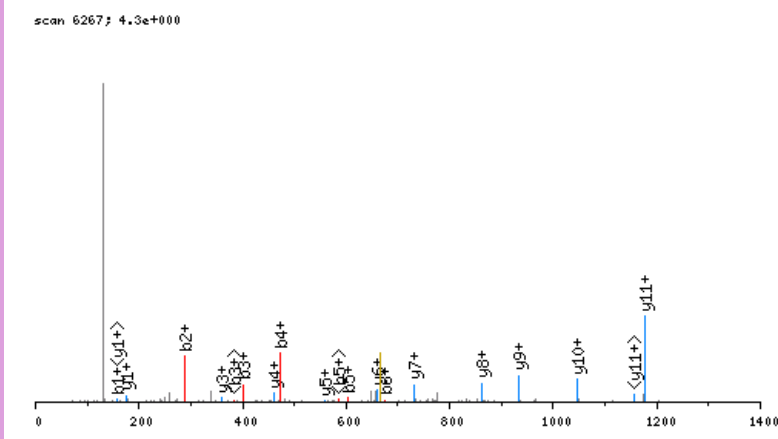
y + 2+ 3+

z + 2+ 3+

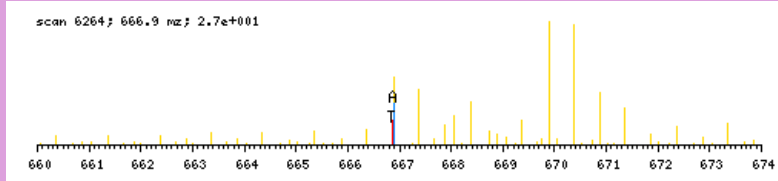
hide H₂O/NH₃

zoom 112-122

GO



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



b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 12		
287.1243	2	E 11	1175.6458	588.3268
400.2084	3	I 10	1046.6032	523.8055
471.2455	4	A 9	933.5192	467.2635
602.2859	5	M 8	862.4820	431.7449
673.3231	6	A 7	731.4416	366.2247
774.3707	7	T 6	660.4044	330.7061
873.4392	8	V 5	559.3568	280.1823
974.4868	9	T 4	460.2884	230.6481
1045.5239	10	A 3	359.2407	180.1243
1158.6080	11	L 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+29.04

EEIKDFLLTAR, MH+ 1402.8582, m/z 468.2909
 H OSG40 P180811 230811-s1.07525.07525.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

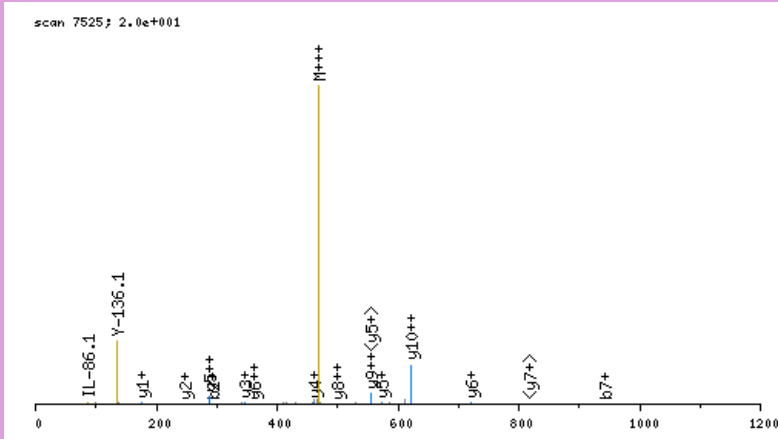
y + 2+ 3+

z + 2+ 3+

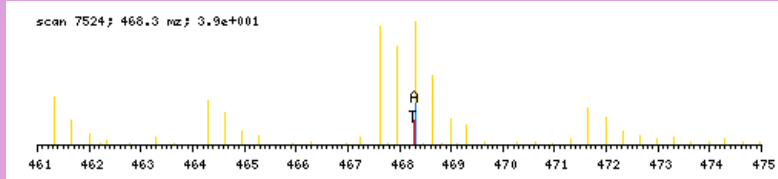
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 11		
293.1561	2	E 10	1239.7525	620.3802
406.2402	3	I 9	1110.7099	555.8589
568.3983	4	K 8	997.6259	499.3169
683.4252	5	D 7	835.4678	418.2378
830.4936	6	F 6	720.4408	360.7243
943.5777	7	L 5	573.3724	287.1901
1056.6617	8	L 4	460.2884	230.6481
1157.7094	9	T 3	347.2043	174.1061
1228.7465	10	A 2	246.1566	123.5822
	11	R 1	175.1195	88.0637

N-term:+35.07 K(4):+162.16

EKQCDFPTVENGR, MH+ 1776.8862, m/z 592.9669
 H OSG40 P180811 230811-s1.03290.03290.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

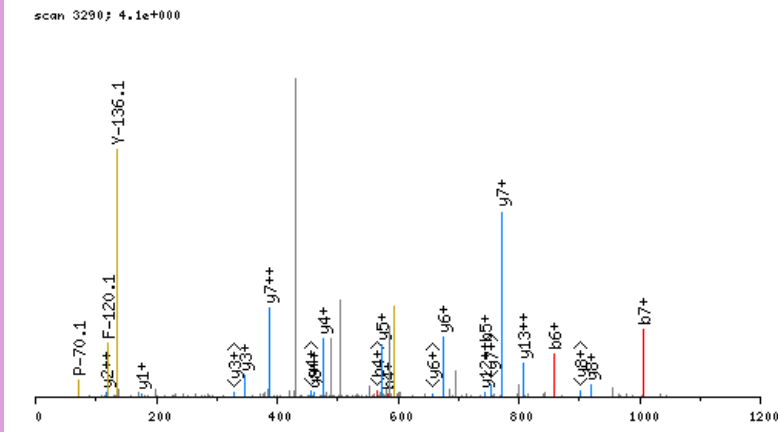
y + 2+ 3+

z + 2+ 3+

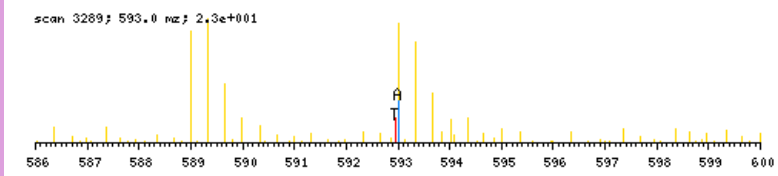
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
293.1561	2	E 13	1613.7806	807.3942
455.3142	3	K 12	1484.7380	742.8729
583.3728	4	Q 11	1322.5799	661.7939
743.4034	5	C 10	1194.5213	597.7646
858.4303	6	D 9	1034.4907	517.7493
1005.4987	7	F 8	919.4638	460.2358
1102.5515	8	P 7	772.3953	386.7016
1203.5992	9	T 6	675.3426	338.1752
1302.6676	10	V 5	574.2949	287.6514
1431.7102	11	E 4	475.2265	238.1172
1545.7531	12	N 3	346.1839	173.5959
1602.7746	13	G 2	232.1410	116.5744
	14	R 1	175.1195	88.0637

N-term:+35.07 K(3):+162.16
 C(5):+160.03

EEMEGTSPSSPPHSVAR, MH+ 1825.8390, m/z 609.2845
 L OSG39 P180811 230811-s1.02306.02306.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

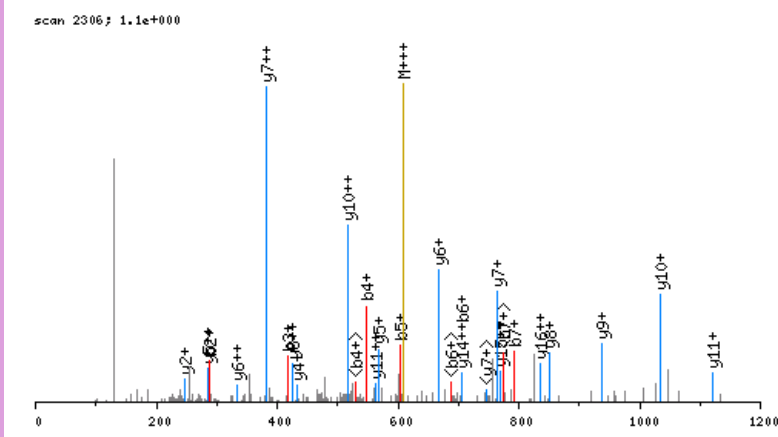
y + 2+ 3+

z + 2+ 3+

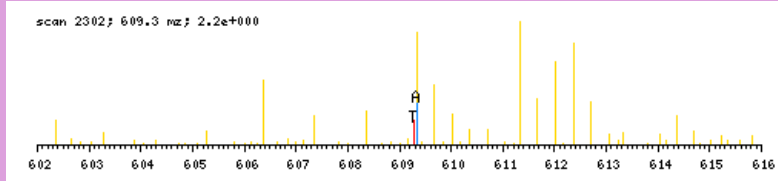
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
287.1243	2	E 16	1668.7652	834.8865
418.1648	3	M 15	1539.7226	770.3652
547.2074	4	E 14	1408.6821	704.8450
604.2288	5	G 13	1279.6395	640.3237
705.2765	6	T 12	1222.6180	611.8129
792.3085	7	S 11	1121.5703	561.2891
889.3613	8	P 10	1034.5383	517.7731
976.3933	9	S 9	937.4856	469.2467
1063.4254	10	S 8	850.4535	425.7307
1160.4781	11	P 7	763.4215	382.2147
1257.5309	12	P 6	666.3687	333.6883
1394.5898	13	H 5	569.3160	285.1619
1481.6218	14	S 4	432.2571	216.6324
1580.6902	15	V 3	345.2250	173.1164
1651.7274	16	A 2	246.1566	123.5822
	17	R 1	175.1195	88.0637

N-term:+29.04

EEVEDASEEAPLR, MH+ 1507.7340, m/z 754.3706
 H OSG37 P180811 230811-s1.03605.03605.2.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+

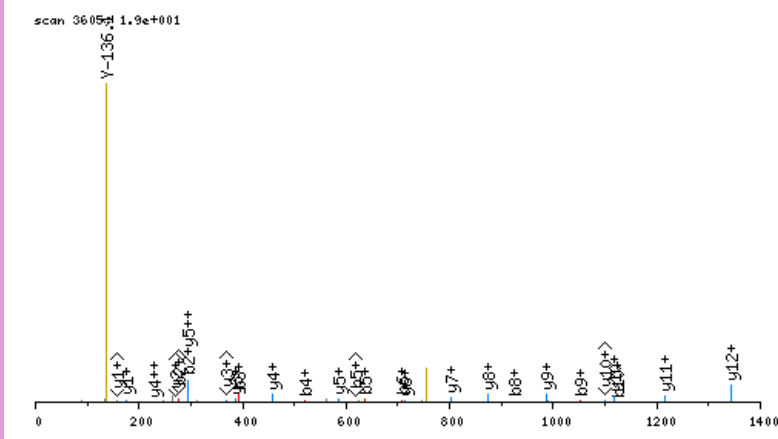
y + 2+ 3+

z + 2+ 3+

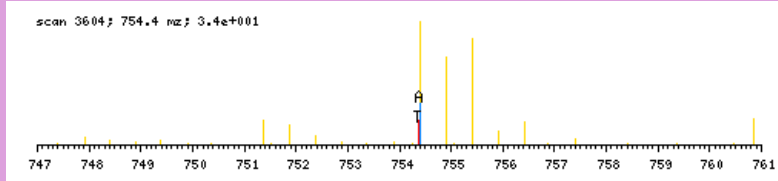
hide H₂O/NH₃

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

EEVEDASEEAPLRDR, MH+ 1778.8620, m/z 593.6255
 H OSG40 P180811 230811-s1.03520.03520.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

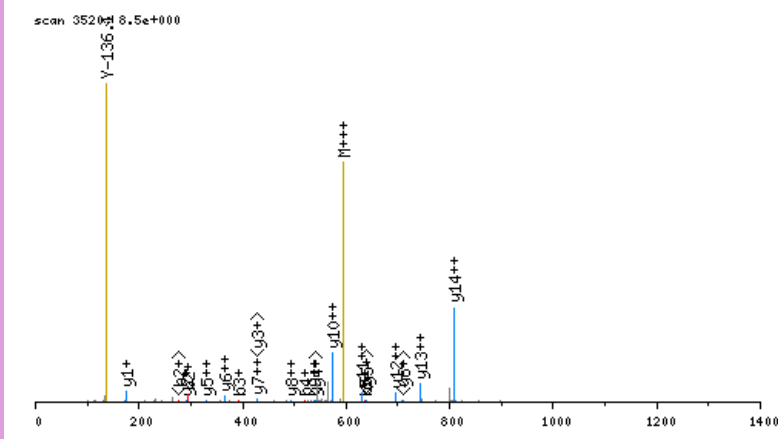
y + 2+ 3+

z + 2+ 3+

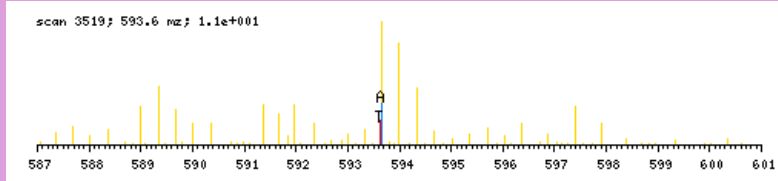
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1615.7564	808.3821
392.2245	3	V	13	1486.7138	743.8608
521.2671	4	E	12	1387.6454	694.3266
636.2940	5	D	11	1258.6028	629.8053
707.3312	6	A	10	1143.5758	572.2918
794.3632	7	S	9	1072.5387	536.7733
923.4058	8	E	8	985.5067	493.2573
1052.4484	9	E	7	856.4641	428.7360
1123.4855	10	A	6	727.4215	364.2147
1220.5382	11	P	5	656.3844	328.6961
1333.6223	12	L	4	559.3316	280.1697
1489.7234	13	R	3	446.2476	223.6277
1604.7504	14	D	2	290.1464	145.5771
	15	R	1	175.1195	88.0637

N-term:+35.07

EEVHTGLGELLR, MH+ 1386.7805, m/z 462.9317
 H OSG40 P180811 230811-s1.06318.06318.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

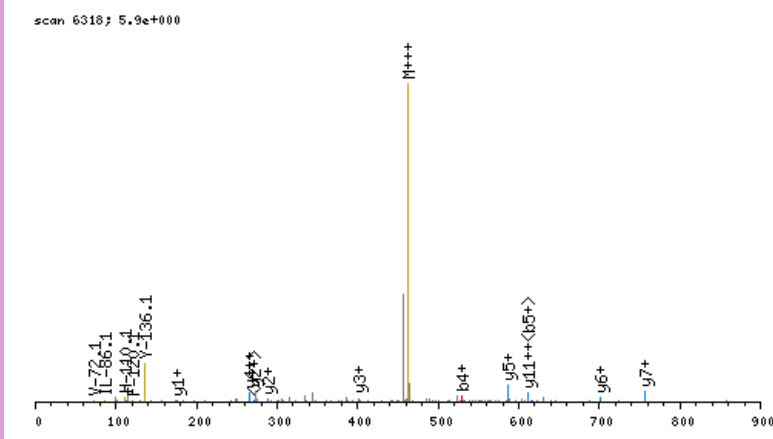
y + 2+ 3+

z + 2+ 3+

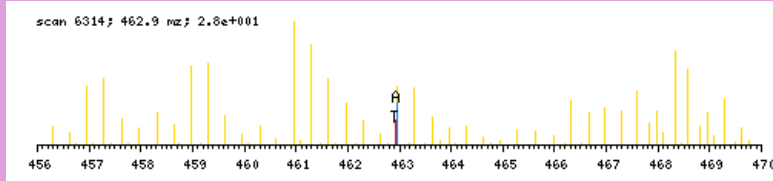
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1223.6748	612.3413
392.2245	3	V	10	1094.6322	547.8200
529.2834	4	H	9	995.5638	498.2858
630.3311	5	T	8	858.5049	429.7564
687.3526	6	G	7	757.4572	379.2325
800.4366	7	L	6	700.4357	350.7218
857.4581	8	G	5	587.3517	294.1798
986.5007	9	E	4	530.3302	265.6690
1099.5847	10	L	3	401.2876	201.1477
1212.6688	11	L	2	288.2036	144.6057
	12	R	1	175.1195	88.0637

N-term:+35.07

EEVHVSSNADEEDIR, MH+ 1756.7989, m/z 586.2712
 L OSG40 P180811 230811-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+

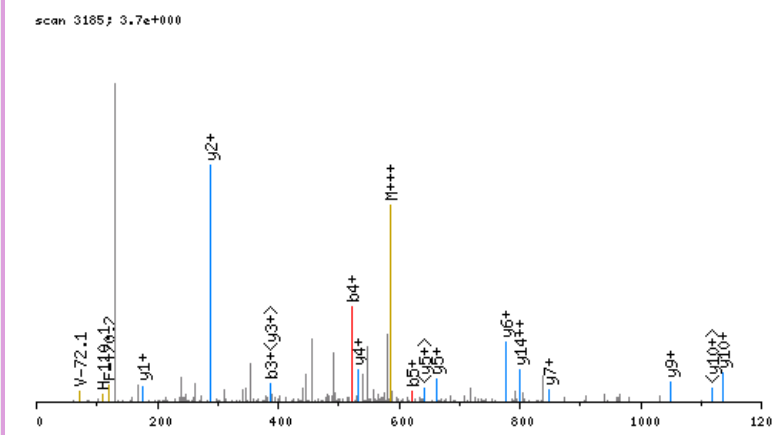
y + 2+ 3+

z + 2+ 3+

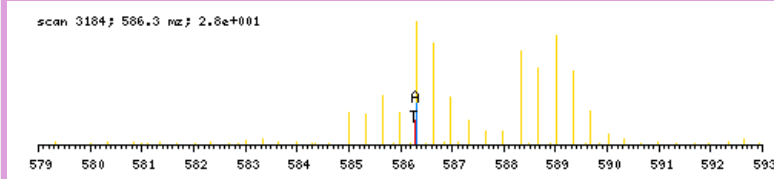
hide H₂O/NH₃

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⁺
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

EEYGKIDTIEIITDR, MH+ 1863.0387, m/z 621.6844
 H OSG39 P180811 230811-s1.05898.05898.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

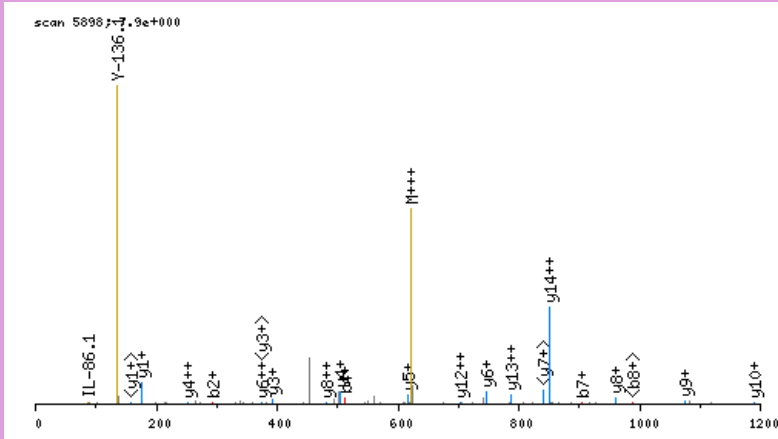
y + 2+ 3+

z + 2+ 3+

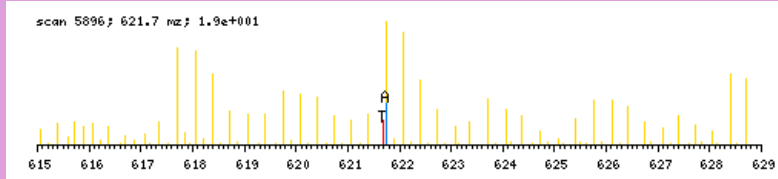
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

EFDDLPLAEQR, MH+ 1360.6748, m/z 454.2298
 L OSG37 P180811 230811-s1.06153.06153.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

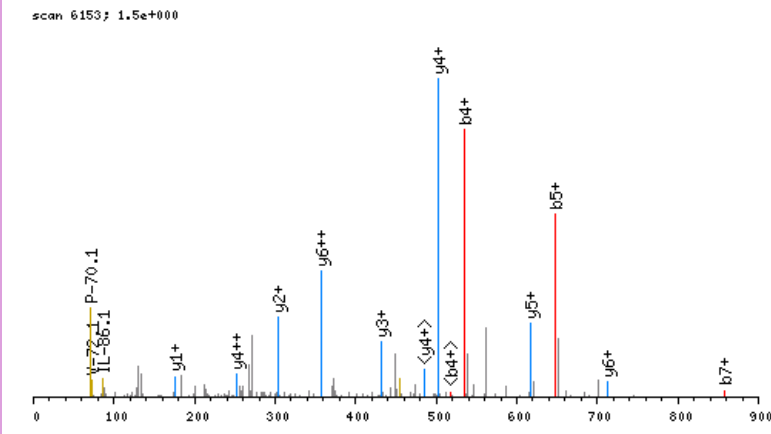
y + 2+ 3+

z + 2+ 3+

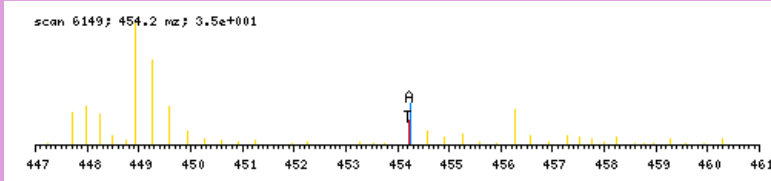
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
305.1501	2	F 10	1203.6010	602.3044
420.1771	3	D 9	1056.5326	528.7702
535.2040	4	D 8	941.5056	471.2567
648.2881	5	L 7	826.4787	413.7433
745.3408	6	P 6	713.3946	357.2012
858.4249	7	L 5	616.3418	308.6748
929.4620	8	A 4	503.2578	252.1328
1058.5046	9	E 3	432.2207	216.6142
1186.5632	10	Q 2	303.1781	152.0930
	11	R 1	175.1195	88.0637

N-term:+29.04

EGATAAPELSALEEAFR, MH+ 1789.8972, m/z 895.4522
 L OSG37 P180811 230811-s1.08640.08640.2.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+

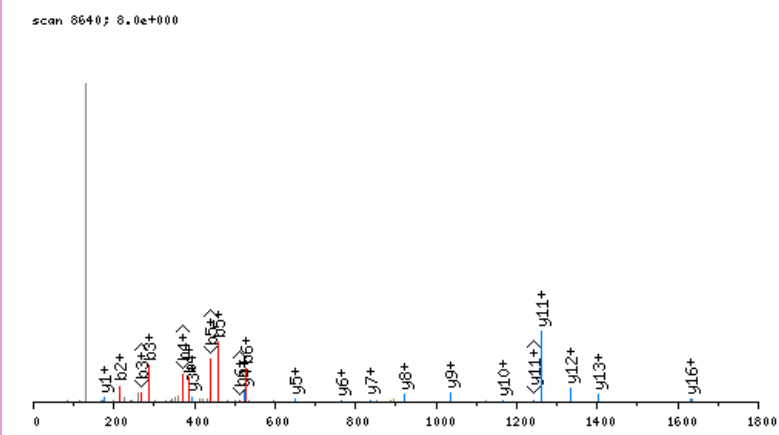
y + 2+ 3+

z + 2+ 3+

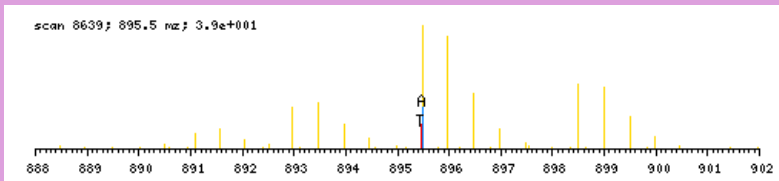
hide H₂O/NH₃

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 17		
215.1032	2	G 16	1632.8233	816.9156
286.1403	3	A 15	1575.8019	788.4048
387.1879	4	T 14	1504.7647	752.8863
458.2251	5	A 13	1403.7171	702.3624
529.2622	6	A 12	1332.6800	666.8439
626.3149	7	P 11	1261.6428	631.3253
755.3575	8	E 10	1164.5901	582.7990
868.4416	9	L 9	1035.5475	518.2777
955.4736	10	S 8	922.4634	461.7356
1026.5107	11	A 7	835.4314	418.2196
1139.5948	12	L 6	764.3943	382.7011
1268.6374	13	E 5	651.3102	326.1590
1397.6800	14	E 4	522.2676	261.6377
1468.7171	15	A 3	393.2250	197.1164
1615.7855	16	F 2	322.1879	161.5979
	17	R 1	175.1195	88.0637

N-term:+29.04

EGDVLTLLESER, MH+ 1388.7273, m/z 694.8673
 L OSG37 P180811 230811-s1.08086.08086.2.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+

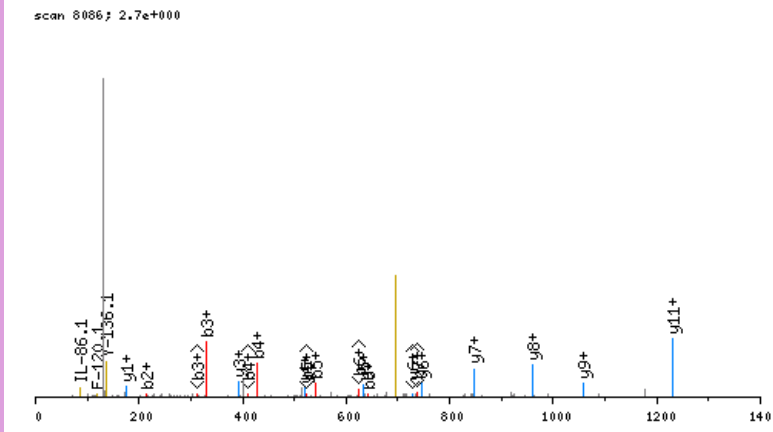
y + 2+ 3+

z + 2+ 3+

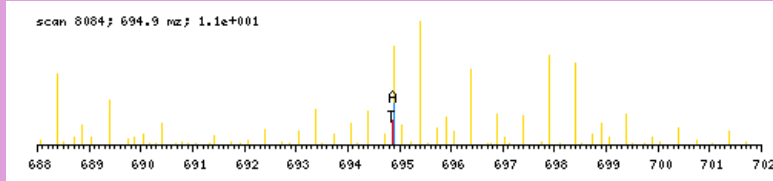
hide H₂O/NH₃

zoom 112-122

GO



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



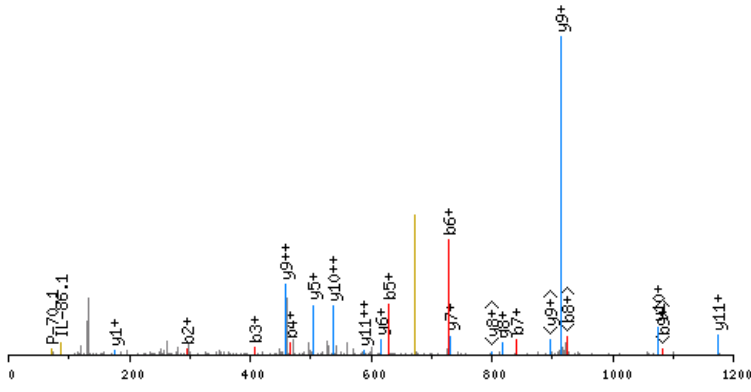
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 12		
215.1032	2	G 11	1231.6534	616.3306
330.1301	3	D 10	1174.6319	587.8199
429.1985	4	V 9	1059.6050	530.3064
542.2826	5	L 8	960.5366	480.7722
643.3303	6	T 7	847.4525	424.2302
756.4143	7	L 6	746.4048	373.7063
869.4984	8	L 5	633.3208	317.1643
998.5410	9	E 4	520.2367	260.6223
1085.5730	10	S 3	391.1941	196.1010
1214.6156	11	E 2	304.1621	152.5850
	12	R 1	175.1195	88.0637

N-term:+29.04

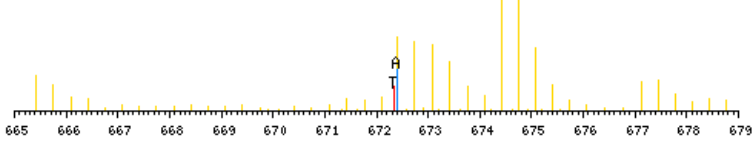
EHLGYVLTCPNLGTGLR, MH+ 2015.0383, m/z 672.3510
 L OSG39 P180811 230811-s1.05702.05702.3.dta

scan 5702; 4.4e+000



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

scan 5701; 672.4 m/z; 4.7e+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

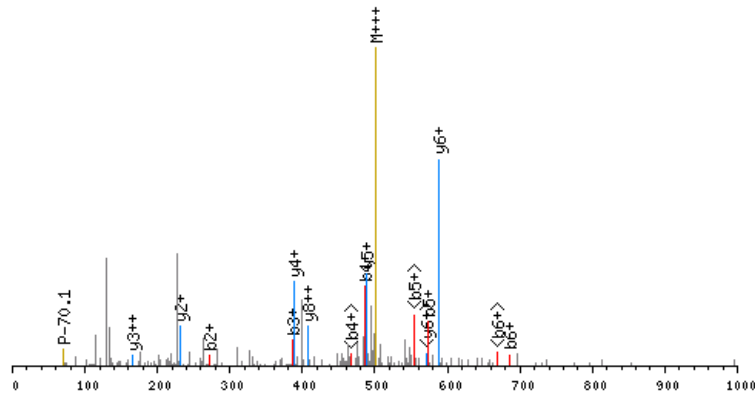
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
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

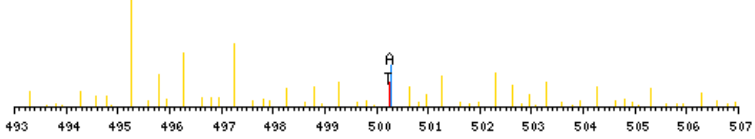
EIDVSNPQTVGVGR, MH+ 1498.7865, m/z 500.2670
 L OSG37 P180811 230811-s1.04615.04615.3.dta

scan 4615; 1.1e+000



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

scan 4614; 500.3 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⁺
158.0817	1	E	14		
271.1658	2	I	13	1341.7127	671.3602
386.1927	3	D	12	1228.6286	614.8182
485.2611	4	V	11	1113.6016	557.3047
572.2931	5	S	10	1014.5332	507.7705
686.3361	6	N	9	927.5012	464.2545
783.3888	7	P	8	813.4583	407.2331
911.4474	8	Q	7	716.4055	358.7067
1012.4951	9	T	6	588.3469	294.6774
1111.5635	10	V	5	487.2993	244.1535
1168.5850	11	G	4	388.2308	194.6193
1267.6534	12	V	3	331.2094	166.1086
1324.6748	13	G	2	232.1410	116.5744
	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+

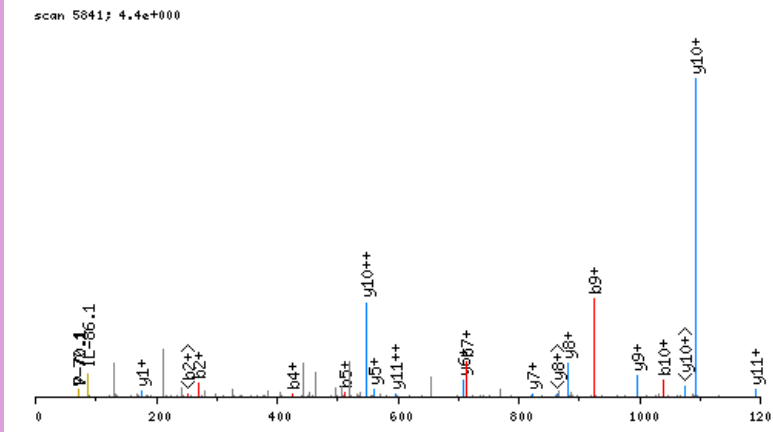
y + 2+ 3+

z + 2+ 3+

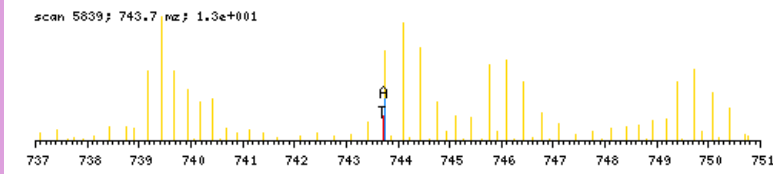
hide H₂O/NH₃

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 21		
271.1658	2	I 20	2072.0300	1036.5189
368.2185	3	P 19	1958.9460	979.9769
425.2400	4	G 18	1861.8932	931.4505
512.2720	5	S 17	1804.8717	902.9398
599.3040	6	S 16	1717.8397	859.4238
714.3310	7	D 15	1630.8077	815.9078
811.3837	8	P 14	1515.7807	758.3943
925.4267	9	N 13	1418.7280	709.8679
1038.5107	10	I 12	1304.6850	652.8464
1137.5792	11	V 11	1191.6010	596.3044
1234.6319	12	P 10	1092.5326	546.7702
1349.6589	13	D 9	995.4798	498.2438
1406.6803	14	G 8	880.4529	440.7303
1521.7073	15	D 7	823.4314	412.2196
1668.7757	16	F 6	708.4044	354.7061
1755.8077	17	S 5	561.3360	281.1719
1842.8397	18	S 4	474.3040	237.6559
1955.9238	19	L 3	387.2720	194.1399
2054.9922	20	V 2	274.1879	137.5979
	21	R 1	175.1195	88.0637

N-term:+29.04

EKLGEYGFQNAILVR, MH+ 1792.9962, m/z 598.3369
 L OSG39 P180811 230811-s1.05853.05853.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

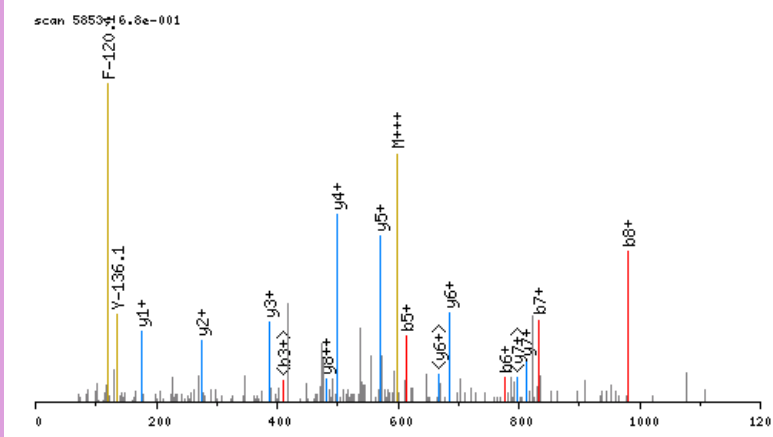
y + 2+ 3+

z + 2+ 3+

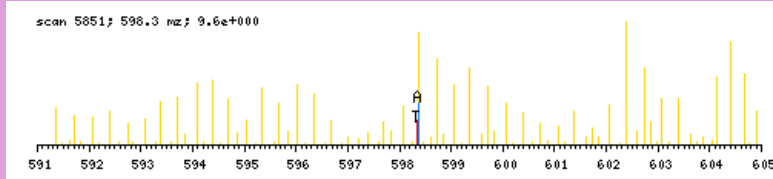
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1635.9223	818.4651
427.2921	3	L 13	1479.7960	740.4019
484.3135	4	G 12	1366.7119	683.8599
613.3561	5	E 11	1309.6905	655.3491
776.4194	6	Y 10	1180.6479	590.8278
833.4409	7	G 9	1017.5845	509.2962
980.5093	8	F 8	960.5631	480.7855
1108.5679	9	Q 7	813.4947	407.2512
1222.6108	10	N 6	685.4361	343.2220
1293.6479	11	A 5	571.3932	286.2005
1406.7320	12	I 4	500.3560	250.6819
1519.8161	13	L 3	387.2720	194.1399
1618.8845	14	V 2	274.1879	137.5979
	15	R 1	175.1195	88.0637

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

EKNGIDIYSLTVDSR, MH+ 1777.9972, m/z 593.3373
 H OSG40 P180811 230811-s1.07033.07033.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

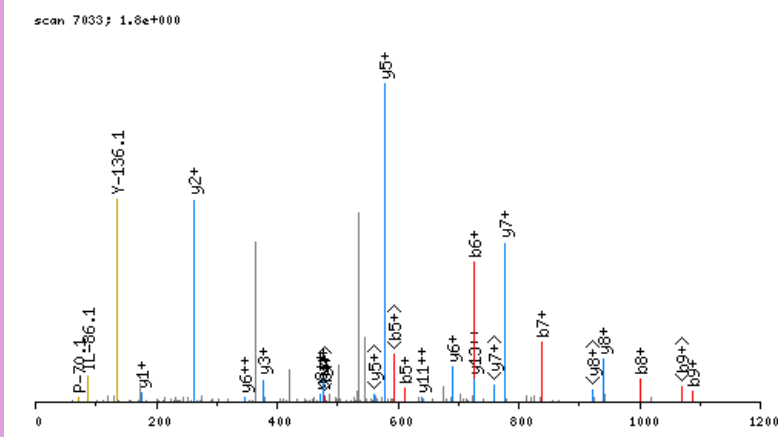
y + 2+ 3+

z + 2+ 3+

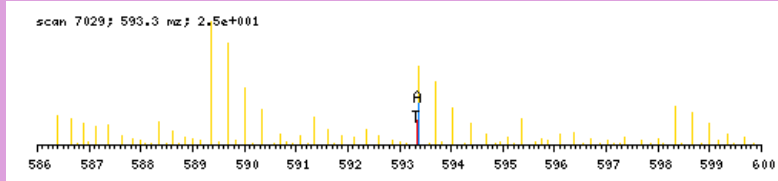
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
326.2716	2	K 14	1614.8915	807.9497
440.3145	3	N 13	1452.7334	726.8706
497.3360	4	G 12	1338.6905	669.8492
610.4200	5	I 11	1281.6691	641.3384
725.4470	6	D 10	1168.5850	584.7964
838.5311	7	I 9	1053.5580	527.2829
1001.5944	8	Y 8	940.4740	470.7409
1088.6264	9	S 7	777.4107	389.2092
1201.7105	10	L 6	690.3786	345.6932
1302.7582	11	T 5	577.2946	289.1512
1401.8266	12	V 4	476.2469	238.6274
1516.8535	13	D 3	377.1785	189.0931
1603.8855	14	S 2	262.1515	131.5797
	15	R 1	175.1195	88.0637

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

EKNQLEEVPSALPR, MH+ 1677.9812, m/z 559.9986
 H OSG40 P180811 230811-s1.05326.05326.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

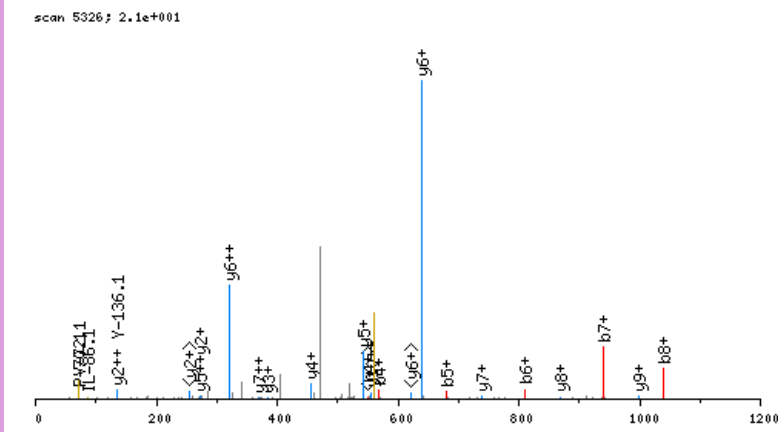
y + 2+ 3+

z + 2+ 3+

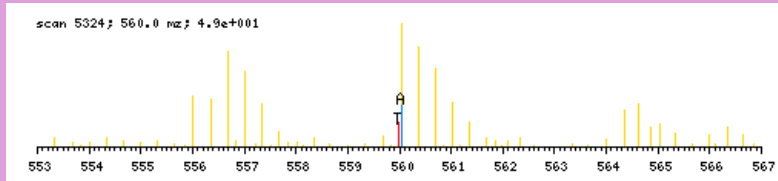
hide H₂O/NH₃

zoom 112-122

GO



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



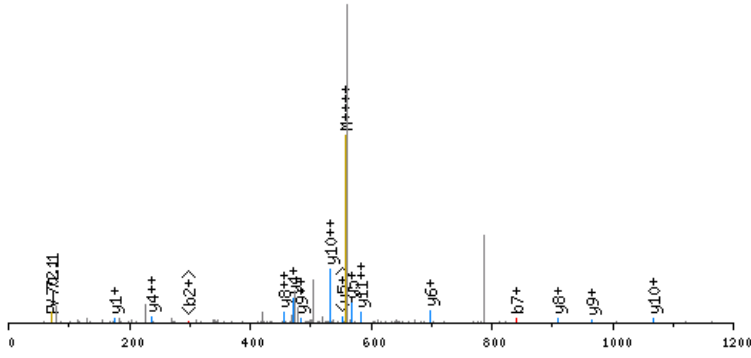
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

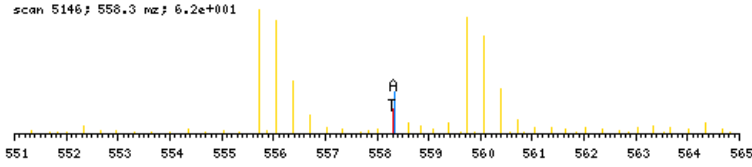
EKPQTEAPQVTGPIEVVVVR, MH+ 2230.2447, m/z 558.3166
 L OSG39 P180811 230811-s1.05149.05149.4.dta

scan 5149; 5.6e+000



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

scan 5146; 558.3 m/z; 6.2e+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⁺
158.0817	1	E 20		
314.2080	2	K 19	2073.1709	1037.0893
411.2608	3	P 18	1917.0446	959.0262
539.3193	4	Q 17	1819.9918	910.4998
640.3670	5	T 16	1691.9332	846.4705
769.4096	6	E 15	1590.8855	795.9467
840.4467	7	A 14	1461.8429	731.4254
937.4995	8	P 13	1390.8058	695.9068
1065.5581	9	Q 12	1293.7531	647.3804
1164.6265	10	V 11	1165.6945	583.3512
1265.6742	11	T 10	1066.6261	533.8169
1322.6956	12	G 9	965.5784	483.2931
1419.7484	13	P 8	908.5569	454.7824
1532.8324	14	I 7	811.5042	406.2560
1661.8750	15	E 6	698.4201	349.7140
1760.9435	16	V 5	569.3775	285.1927
1857.9962	17	P 4	470.3091	235.6585
1957.0646	18	V 3	373.2563	187.1321
2056.1330	19	V 2	274.1879	137.5979
	20	R 1	175.1195	88.0637

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

ELADCCTKQEPER, MH+ 1703.8368, m/z 568.6171
 H OSG40 P180811 230811-s1.02045.02045.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

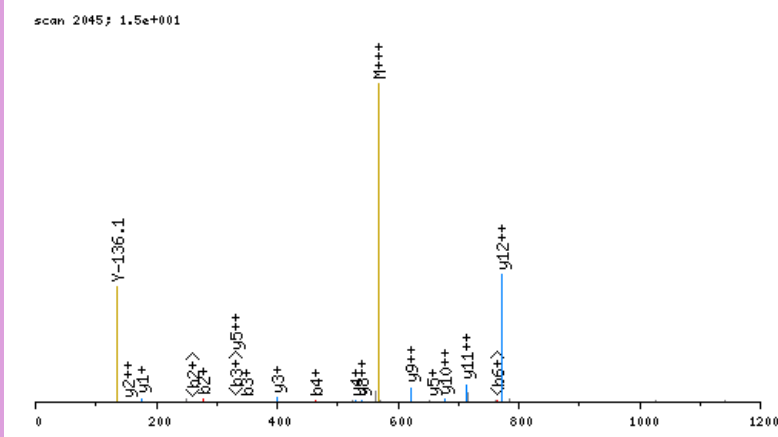
y + 2+ 3+

z + 2+ 3+

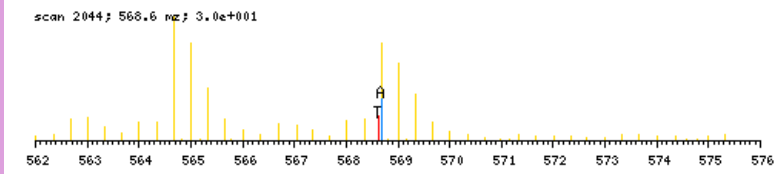
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1540.7311	770.8695
348.2347	3	A 11	1427.6471	714.3274
463.2616	4	D 10	1356.6100	678.8089
623.2922	5	C 9	1241.5830	621.2954
783.3228	6	C 8	1081.5524	541.2801
884.3705	7	T 7	921.5218	461.2648
1046.5286	8	K 6	820.4741	410.7410
1174.5872	9	Q 5	658.3160	329.6619
1303.6298	10	E 4	530.2575	265.6326
1400.6825	11	P 3	401.2149	201.1113
1529.7251	12	E 2	304.1621	152.5850
	13	R 1	175.1195	88.0637

N-term:+35.07 C(5):+160.03
 C(6):+160.03 K(8):+162.16

ELALPSYKPKVR, MH+ 1425.8470, m/z 475.9538
 L OSG39 P180811 230811-s1.04729.04729.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

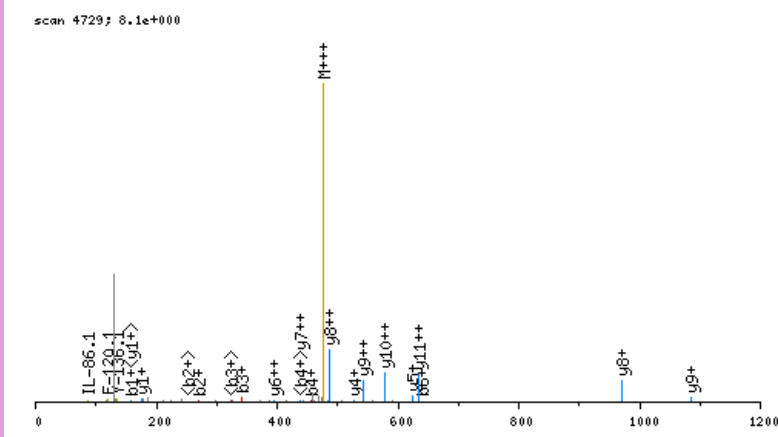
y + 2+ 3+

z + 2+ 3+

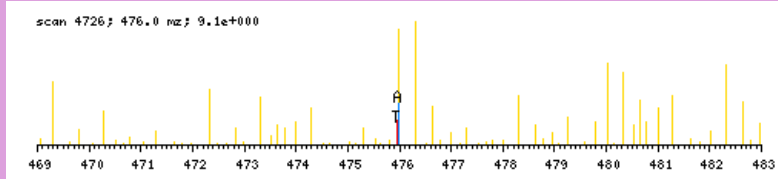
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1268.7731	634.8905
342.2029	3	A 10	1155.6890	578.3484
455.2869	4	L 9	1084.6519	542.8299
552.3397	5	P 8	971.5679	486.2878
639.3717	6	S 7	874.5151	437.7615
802.4351	7	Y 6	787.4831	394.2454
899.4878	8	P 5	624.4197	312.7138
1055.6141	9	K 4	527.3670	264.1874
1152.6669	10	P 3	371.2407	186.1243
1251.7353	11	V 2	274.1879	137.5979
	12	R 1	175.1195	88.0637

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

ELFELLGPEGLDLIEKLLQNR, MH+ 2507.4761, m/z 627.6245
H OSG40 P180811 230811-s1.07457.07457.4.dta

scan 7457; 4.0e+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+

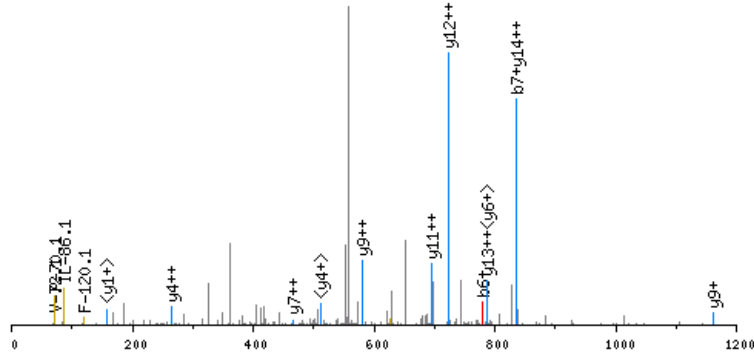
y + 2+ 3+

z + 2+ 3+

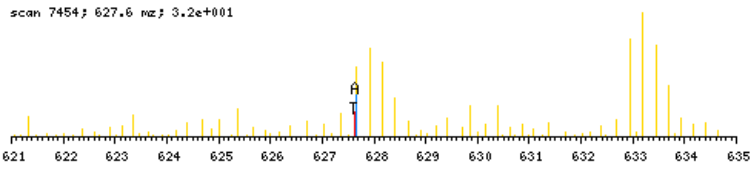
hide H₂O/NH₃

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⁺
164.1135	1	E 21		
277.1976	2	L 20	2344.3704	1172.6891
424.2660	3	F 19	2231.2864	1116.1471
553.3086	4	E 18	2084.2180	1042.6129
666.3926	5	L 17	1955.1754	978.0916
779.4767	6	L 16	1842.0913	921.5496
836.4982	7	G 15	1729.0072	865.0075
933.5509	8	P 14	1671.9858	836.4968
1062.5935	9	E 13	1574.9330	787.9704
1119.6150	10	G 12	1445.8904	723.4491
1232.6990	11	L 11	1388.8690	694.9384
1347.7260	12	D 10	1275.7849	638.3964
1460.8100	13	L 9	1160.7580	580.8829
1573.8941	14	I 8	1047.6739	524.3409
1702.9367	15	E 7	934.5898	467.7988
1865.0948	16	K 6	805.5472	403.2775
1978.1789	17	L 5	643.3891	322.1985
2091.2629	18	L 4	530.3051	265.6564
2219.3215	19	Q 3	417.2210	209.1144
2333.3644	20	N 2	289.1624	145.0851
	21	R 1	175.1195	88.0637

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

ELGGDVHSGTALPASR, MH+ 1594.8189, m/z 532.2778
 L OSG39 P180811 230811-s1.02873.02873.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

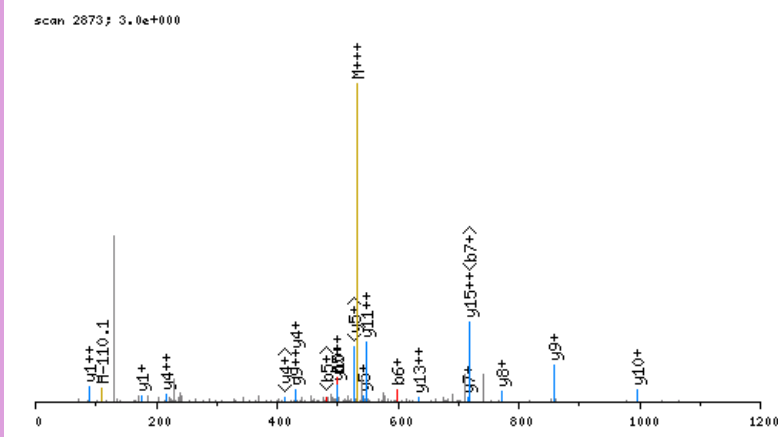
y + 2+ 3+

z + 2+ 3+

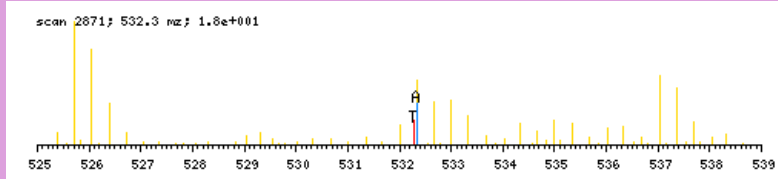
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
271.1658	2	L 15	1437.7450	719.3764
328.1872	3	G 14	1324.6610	662.8344
385.2087	4	G 13	1267.6395	634.3237
500.2356	5	D 12	1210.6180	605.8129
599.3040	6	V 11	1095.5911	548.2995
736.3630	7	H 10	996.5227	498.7652
823.3950	8	S 9	859.4638	430.2358
880.4164	9	G 8	772.4317	386.7198
981.4641	10	T 7	715.4103	358.2090
1052.5012	11	A 6	614.3626	307.6852
1165.5853	12	L 5	543.3255	272.1666
1262.6381	13	P 4	430.2414	215.6246
1333.6752	14	A 3	333.1886	167.0982
1420.7072	15	S 2	262.1515	131.5797
	16	R 1	175.1195	88.0637

N-term:+29.04

ELQALIDSHFEAR, MH+ 1562.8391, m/z 521.6179
 H OSG40 P180811 230811-s1.07127.07127.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

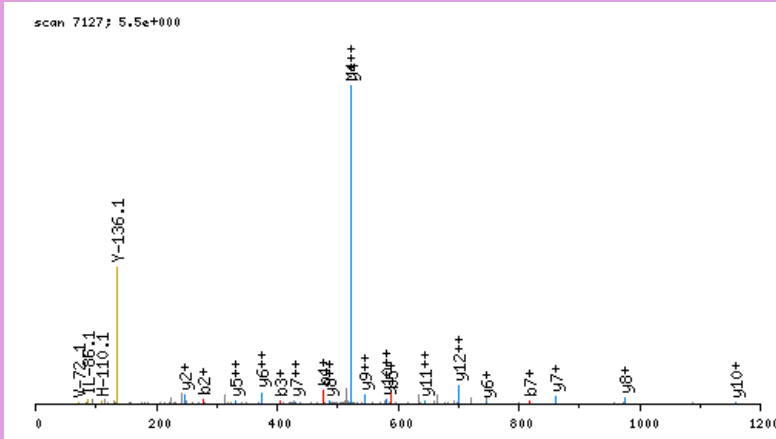
y + 2+ 3+

z + 2+ 3+

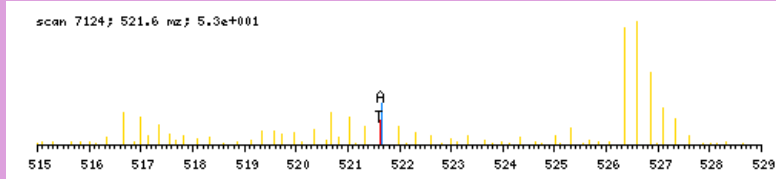
hide H₂O/NH₃

zoom 112-122

GO



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



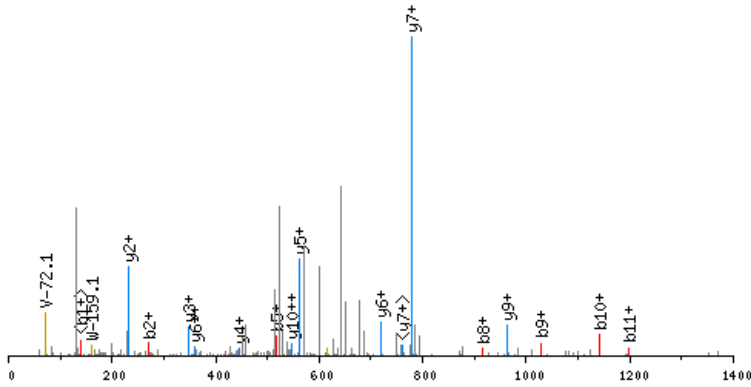
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

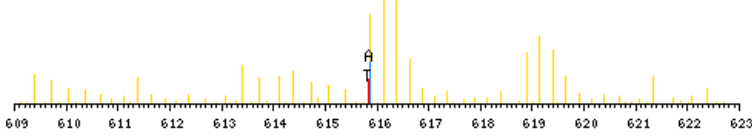
ELSGTIKEILGTAQSVGCNVNDR, MH+ 2460.2768, m/z 615.8247
 L OSG39 P180811 230811-s1.07819.07819.4.dta

scan 7819; 3.0e+000



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

scan 7816; 615.8 mz; 2.4e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 23		
271.1658	2	L 22	2303.2029	1152.1054
358.1978	3	S 21	2190.1188	1095.5633
415.2192	4	G 20	2103.0868	1052.0473
516.2669	5	T 19	2046.0654	1023.5366
629.3510	6	I 18	1945.0177	973.0127
785.4773	7	K 17	1831.9336	916.4707
914.5199	8	E 16	1675.8073	838.4076
1027.6039	9	I 15	1546.7647	773.8863
1140.6880	10	L 14	1433.6807	717.3442
1197.7095	11	G 13	1320.5966	660.8022
1298.7572	12	T 12	1263.5751	632.2915
1369.7943	13	A 11	1162.5274	581.7676
1497.8528	14	Q 10	1091.4903	546.2491
1584.8849	15	S 9	963.4318	482.2198
1683.9533	16	V 8	876.3997	438.7038
1740.9748	17	G 7	777.3313	389.1696
1901.0054	18	C 6	720.3098	360.6588
2015.0483	19	N 5	560.2792	280.6435
2114.1167	20	V 4	446.2363	223.6221
2229.1436	21	D 3	347.1679	174.0879
2286.1651	22	G 2	232.1410	116.5744
	23	R 1	175.1195	88.0637

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

EMGFCDRQLNLRLLR, MH+ 1949.0213, m/z 650.3453
 L OSG39 P180811 230811-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+

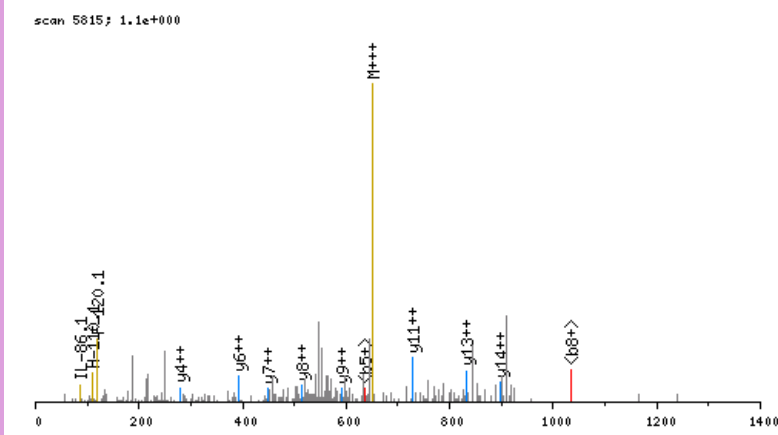
y + 2+ 3+

z + 2+ 3+

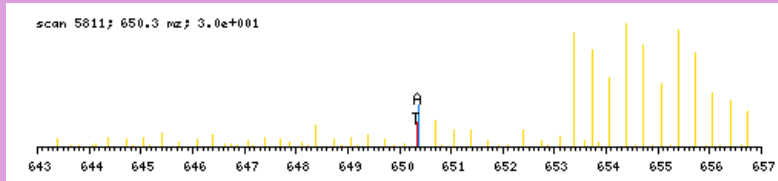
hide H₂O/NH₃

zoom 112-122

GO



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



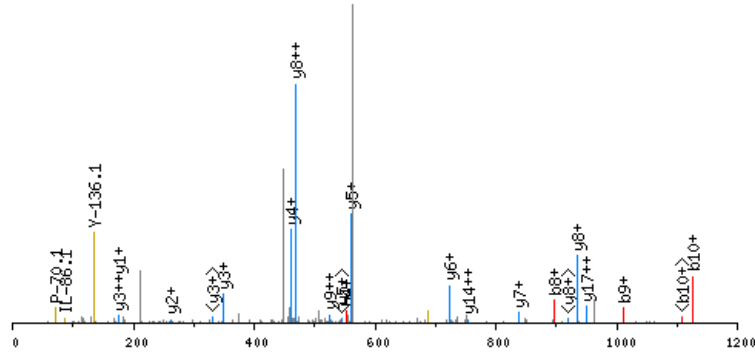
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0817	1	E 15		
289.1222	2	M 14	1791.9474	896.4776
346.1436	3	G 13	1660.9069	830.9574
493.2121	4	F 12	1603.8854	802.4466
653.2427	5	C 11	1456.8170	728.9124
768.2696	6	D 10	1296.7864	648.8971
924.3707	7	R 9	1181.7595	591.3837
1052.4293	8	Q 8	1025.6584	513.3331
1165.5134	9	L 7	897.5998	449.3038
1279.5563	10	N 6	784.5157	392.7618
1392.6403	11	L 5	670.4728	335.7403
1548.7415	12	R 4	557.3887	279.1983
1661.8255	13	L 3	401.2876	201.1477
1774.9096	14	L 2	288.2036	144.6057
	15	R 1	175.1195	88.0637

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

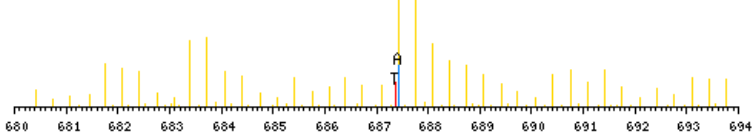
ENLKGGDDLDENYVLSSR, MH+ 2060.0936, m/z 687.3694
 H OSG39 P180811 230811-s1.04969.04969.3.dta

scan 4969; 2.7e+000



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

scan 4966; 687.4 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⁺
164.1135	1	E 18		
278.1564	2	N 17	1896.9880	948.9979
391.2405	3	L 16	1782.9450	891.9764
553.3986	4	K 15	1669.8610	835.4344
610.4200	5	G 14	1507.7029	754.3554
667.4415	6	G 13	1450.6814	725.8446
782.4685	7	D 12	1393.6599	697.3339
897.4954	8	D 11	1278.6330	639.8204
1010.5795	9	L 10	1163.6061	582.3069
1125.6064	10	D 9	1050.5220	525.7649
1222.6592	11	P 8	935.4951	468.2514
1336.7021	12	N 7	838.4423	419.7251
1499.7654	13	Y 6	724.3994	362.7036
1598.8338	14	V 5	561.3360	281.1719
1711.9179	15	L 4	462.2676	231.6377
1798.9499	16	S 3	349.1836	175.0957
1885.9820	17	S 2	262.1515	131.5797
	18	R 1	175.1195	88.0637

N-term:+35.07 K(4):+162.16

ENPLYGSVSSFPKLVPR, MH+ 1946.0751, m/z 649.3632
 L OSG39 P180811 230811-s1.06762.06762.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

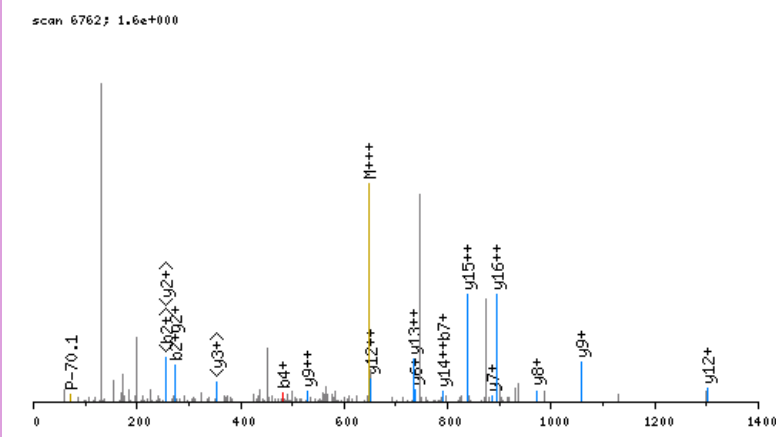
y + 2+ 3+

z + 2+ 3+

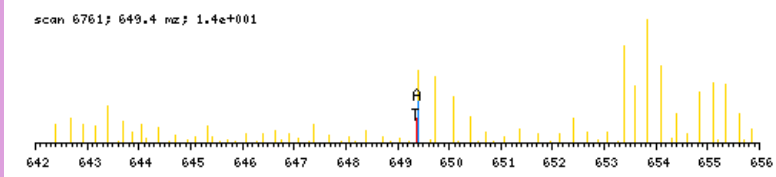
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
272.1246	2	N	16	1789.0013	895.0045
369.1774	3	P	15	1674.9583	837.9831
482.2614	4	L	14	1577.9056	789.4567
645.3248	5	Y	13	1464.8215	732.9147
702.3462	6	G	12	1301.7582	651.3830
789.3783	7	S	11	1244.7367	622.8723
888.4467	8	V	10	1157.7047	579.3563
975.4787	9	S	9	1058.6363	529.8221
1062.5107	10	S	8	971.6042	486.3060
1209.5792	11	F	7	884.5722	442.7900
1306.6319	12	P	6	737.5038	369.2558
1462.7582	13	K	5	640.4510	320.7294
1575.8423	14	L	4	484.3247	242.6663
1674.9107	15	V	3	371.2407	186.1243
1771.9635	16	P	2	272.1723	136.5900
	17	R	1	175.1195	88.0637

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

ENYGLADCCTKQEPER, MH+ 2154.9435, m/z 718.9860
 L OSG39 P180811 230811-s1.02917.02917.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

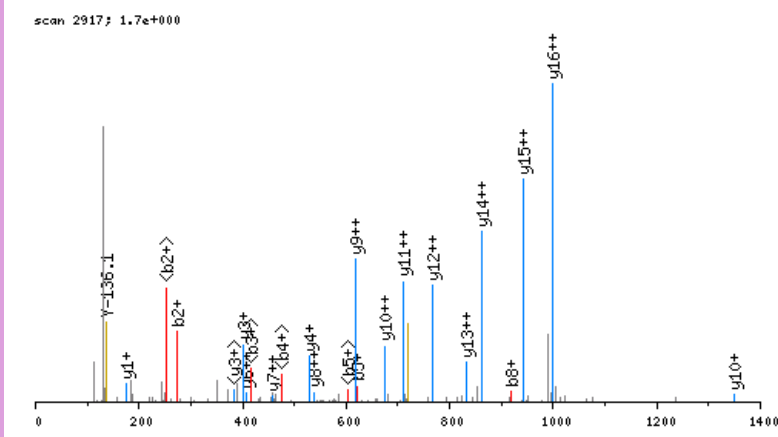
y + 2+ 3+

z + 2+ 3+

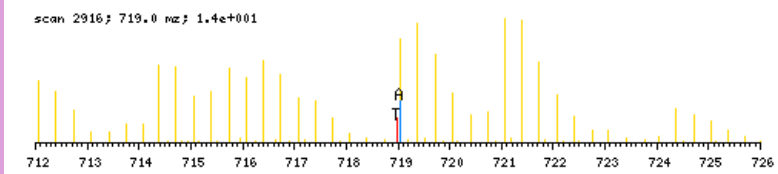
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
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

EPPSLSLVGTAPPNTPR, MH+ 1760.9546, m/z 587.6564
 L OSG40 P180811 230811-s1.03457.03457.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

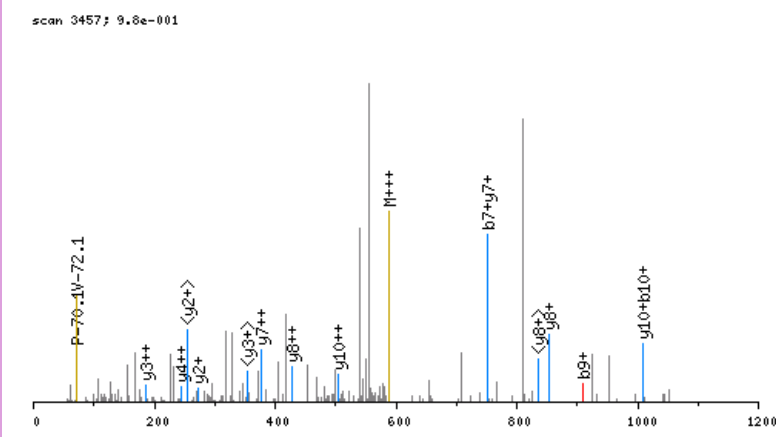
y + 2+ 3+

z + 2+ 3+

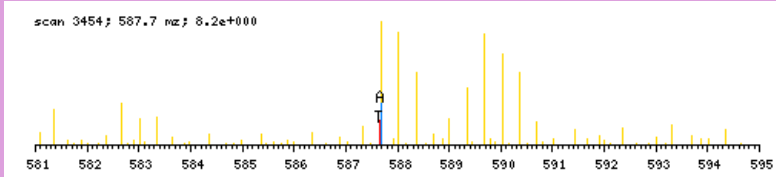
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
255.1345	2	P 16	1603.8808	802.4443
352.1872	3	P 15	1506.8280	753.9179
439.2192	4	S 14	1409.7753	705.3915
552.3033	5	L 13	1322.7432	661.8755
639.3353	6	S 12	1209.6592	605.3335
752.4194	7	L 11	1122.6271	561.8175
851.4878	8	V 10	1009.5431	505.2754
908.5093	9	G 9	910.4747	455.7412
1009.5570	10	T 8	853.4532	427.2305
1080.5941	11	A 7	752.4055	376.7067
1177.6468	12	P 6	681.3684	341.1881
1274.6996	13	P 5	584.3156	292.6617
1388.7425	14	N 4	487.2629	244.1353
1489.7902	15	T 3	373.2199	187.1139
1586.8430	16	P 2	272.1723	136.5900
	17	R 1	175.1195	88.0637

N-term:+29.04

EPPVPLVGNWRPPQPVKGR, MH+ 2191.3140, m/z 548.5840
 H OSG40 P180811 230811-s1.06921.06921.4.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+

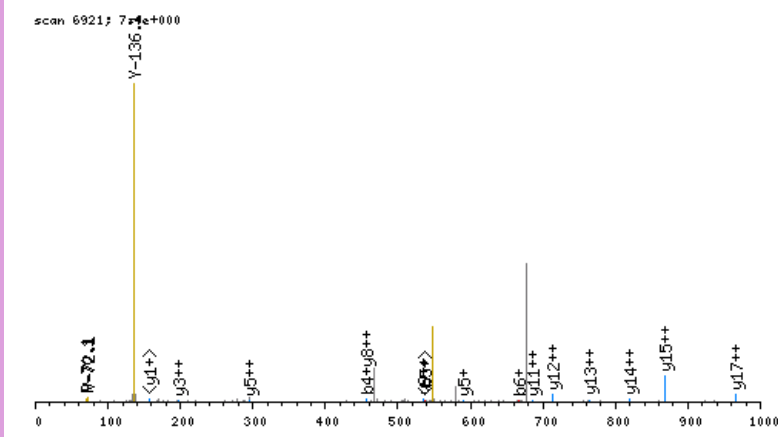
y + 2+ 3+

z + 2+ 3+

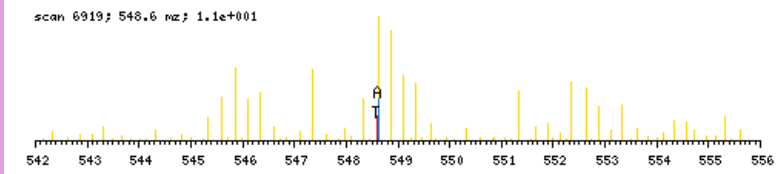
hide H₂O/NH₃

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	19		
261.1663	2	P	18	2028.2083	1014.6081
358.2190	3	P	17	1931.1556	966.0817
457.2874	4	V	16	1834.1028	917.5553
554.3402	5	P	15	1735.0344	868.0211
667.4243	6	L	14	1637.9816	819.4947
766.4927	7	V	13	1524.8976	762.9527
823.5141	8	G	12	1425.8292	713.4185
937.5571	9	N	11	1368.8077	684.9078
1123.6364	10	W	10	1254.7648	627.8863
1279.7375	11	R	9	1068.6855	534.8466
1376.7903	12	P	8	912.5843	456.7961
1473.8430	13	P	7	815.5316	408.2697
1601.9016	14	Q	6	718.4788	359.7433
1698.9544	15	P	5	590.4202	295.7140
1798.0228	16	V	4	493.3675	247.1877
1960.1809	17	K	3	394.2991	197.6534
2017.2023	18	G	2	232.1410	116.5744
	19	R	1	175.1195	88.0637

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

EPVDVLEAWGVHR, MH+ 1534.8018, m/z 512.2721
 L OSG40 P180811 230811-s1.08130.08130.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

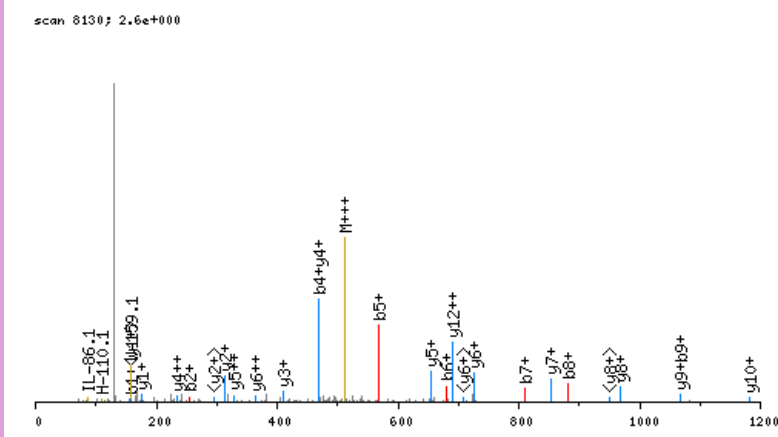
y + 2+ 3+

z + 2+ 3+

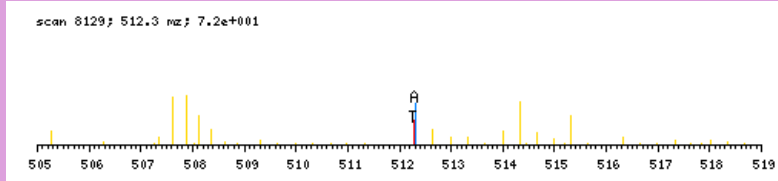
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
255.1345	2	P 12	1377.7279	689.3679
354.2029	3	V 11	1280.6751	640.8415
469.2298	4	D 10	1181.6067	591.3073
568.2982	5	V 9	1066.5798	533.7938
681.3823	6	L 8	967.5114	484.2596
810.4249	7	E 7	854.4273	427.7176
881.4620	8	A 6	725.3847	363.1963
1067.5413	9	W 5	654.3476	327.6777
1124.5628	10	G 4	468.2683	234.6381
1223.6312	11	V 3	411.2468	206.1273
1360.6901	12	H 2	312.1784	156.5931
	13	R 1	175.1195	88.0637

N-term:+29.04

EQDFYDFKAVNIR, MH+ 1700.8648, m/z 567.6265
 L OSG40 P180811 230811-s1.07196.07196.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

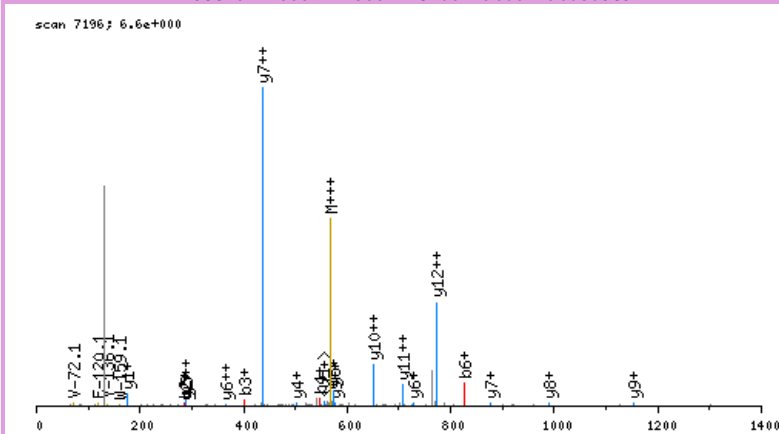
y + 2+ 3+

z + 2+ 3+

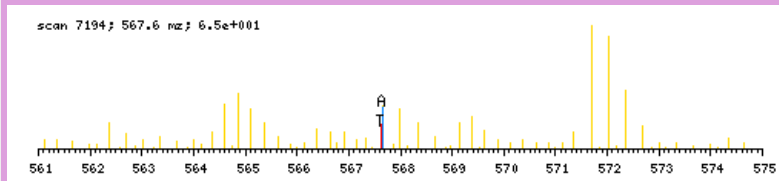
hide H₂O/NH₃

zoom 112-122

GO



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



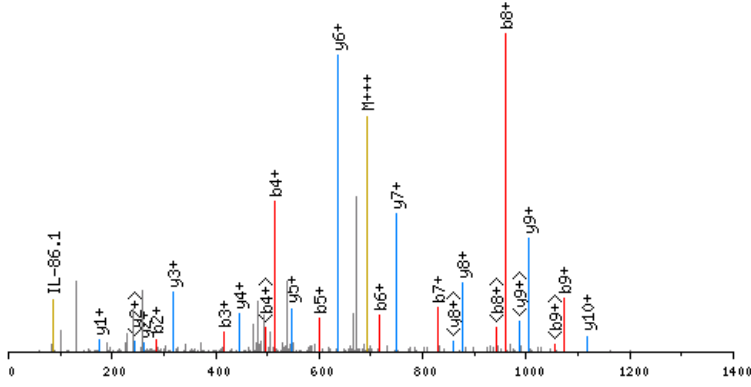
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

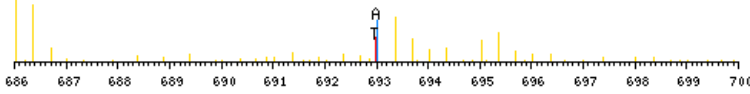
EQEVSDNELQELSTQGSR, MH+ 2076.9685, m/z 692.9944
 L OSG37 P180811 230811-s1.05246.05246.3.dta

scan 5246; 2.5e+000



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

scan 5244; 693.0 m/z; 3.3e+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

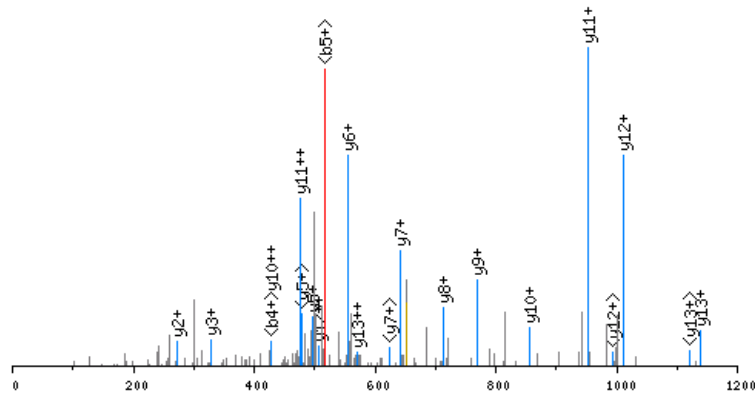
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
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

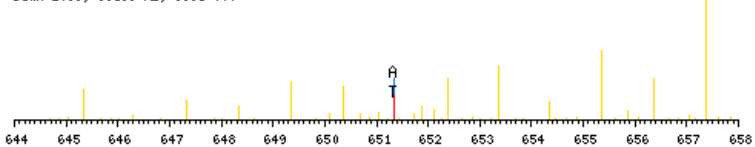
EQQPSGASGPAGPR, MH+ 1301.6662, m/z 651.3367
 H OSG37 P180811 230811-s1.02060.02060.2.dta

scan 2060; 8.2e-001



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

scan 2059; 651.3 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⁺
164.1135	1	E 14		
292.1721	2	Q 13	1138.5605	569.7842
349.1935	3	G 12	1010.5019	505.7549
446.2463	4	P 11	953.4805	477.2441
533.2783	5	S 10	856.4277	428.7178
590.2998	6	G 9	769.3957	385.2018
661.3369	7	A 8	712.3742	356.6910
748.3689	8	S 7	641.3371	321.1725
805.3904	9	G 6	554.3051	277.6564
902.4432	10	P 5	497.2836	249.1457
973.4803	11	A 4	400.2308	200.6193
1030.5017	12	G 3	329.1937	165.1008
1127.5545	13	P 2	272.1723	136.5900
	14	R 1	175.1195	88.0637

N-term:+35.07

ESAGIHETTYNSIMKCDIDIR, MH+ 2509.2066, m/z 628.0571
 L OSG40 P180811 230811-s1.06426.06426.4.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+

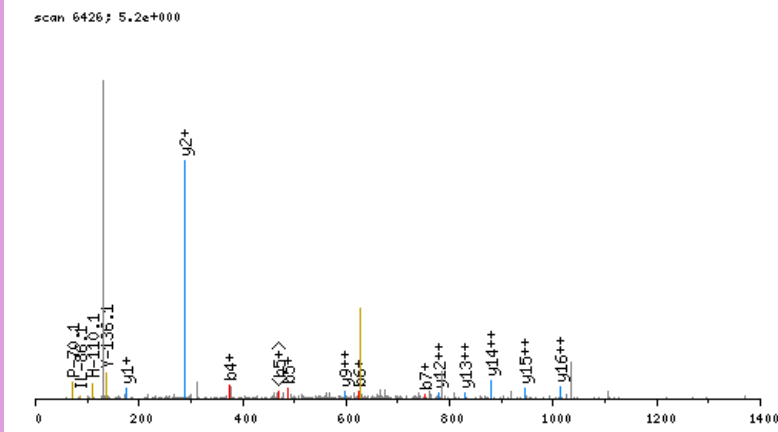
y + 2+ 3+

z + 2+ 3+

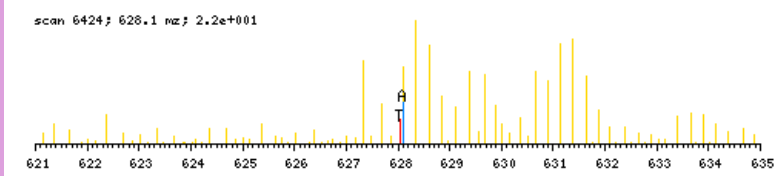
hide H₂O/NH₃

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 21		
245.1137	2	S 20	2352.1328	1176.5703
316.1508	3	A 19	2265.1008	1133.0543
373.1723	4	G 18	2194.0636	1097.5357
486.2564	5	I 17	2137.0422	1069.0250
623.3153	6	H 16	2023.9581	1012.4830
752.3579	7	E 15	1886.8992	943.9535
853.4055	8	T 14	1757.8566	879.4322
954.4532	9	T 13	1656.8089	828.9084
1117.5166	10	Y 12	1555.7612	778.3845
1231.5595	11	N 11	1392.6979	696.8529
1318.5915	12	S 10	1278.6550	639.8314
1431.6756	13	I 9	1191.6230	596.3154
1562.7161	14	M 8	1078.5389	539.7734
1718.8424	15	K 7	947.4984	474.2531
1878.8730	16	C 6	791.3721	396.1900
1993.8999	17	D 5	631.3415	316.1747
2106.9840	18	I 4	516.3146	258.6612
2222.0109	19	D 3	403.2305	202.1192
2335.0950	20	I 2	288.2036	144.6057
	21	R 1	175.1195	88.0637

N-term: +29.04 K(15): +156.13
 C(16): +160.03

ESALSPGEDVQR, MH+ 1321.6812, m/z 441.2319
 H OSG37 P180811 230811-s1.02747.02747.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

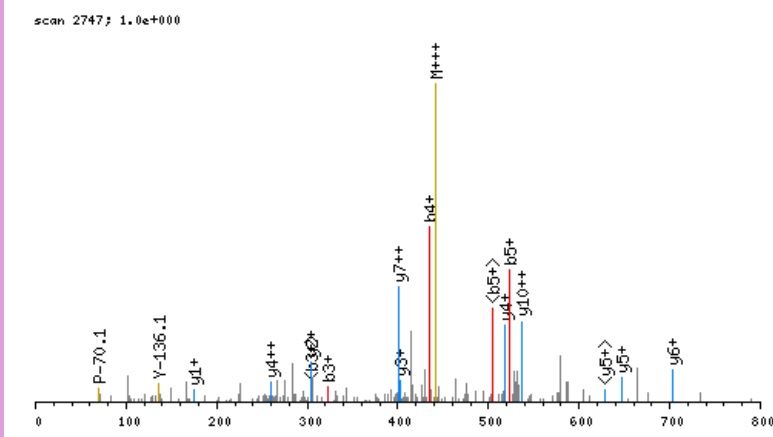
y + 2+ 3+

z + 2+ 3+

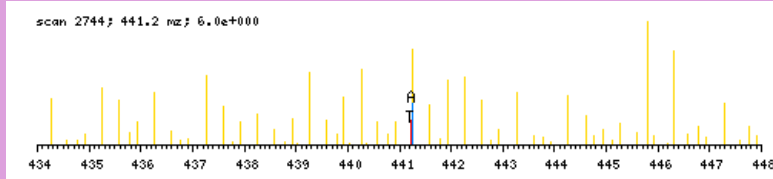
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
251.1455	2	S 11	1158.5755	579.7917
322.1826	3	A 10	1071.5435	536.2756
435.2667	4	L 9	1000.5063	500.7571
522.2987	5	S 8	887.4223	444.2151
619.3515	6	P 7	800.3903	400.6990
676.3730	7	G 6	703.3375	352.1727
805.4155	8	E 5	646.3160	323.6619
920.4425	9	D 4	517.2734	259.1406
1019.5109	10	V 3	402.2465	201.6272
1147.5695	11	Q 2	303.1781	152.0930
	12	R 1	175.1195	88.0637

N-term:+35.07

ESGAAGPSGPIGSR, MH+ 1276.6709, m/z 638.8391
 H OSG37 P180811 230811-s1.02233.02233.2.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+

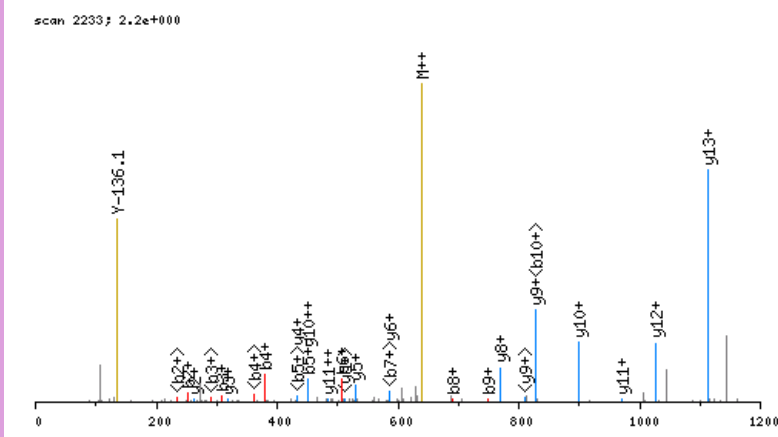
y + 2+ 3+

z + 2+ 3+

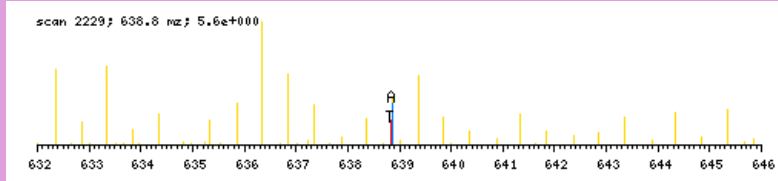
hide H₂O/NH₃

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 14		
251.1455	2	S 13	1113.5653	557.2865
308.1670	3	G 12	1026.5332	513.7705
379.2041	4	A 11	969.5118	485.2598
450.2412	5	A 10	898.4747	449.7412
507.2627	6	G 9	827.4375	414.2227
604.3154	7	P 8	770.4161	385.7120
691.3475	8	S 7	673.3633	337.1856
748.3689	9	G 6	586.3313	293.6696
845.4217	10	P 5	529.3098	265.1588
958.5058	11	I 4	432.2571	216.6324
1015.5272	12	G 3	319.1730	160.0904
1102.5593	13	S 2	262.1515	131.5797
	14	R 1	175.1195	88.0637

N-term:+35.07

ESLQTSSLHAAR, MH+ 1353.7490, m/z 451.9212
 L OSG40 P180811 230811-s1.05247.05247.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

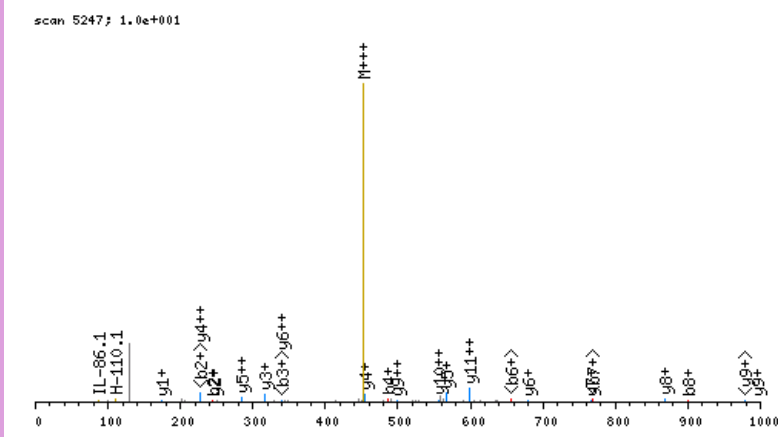
y + 2+ 3+

z + 2+ 3+

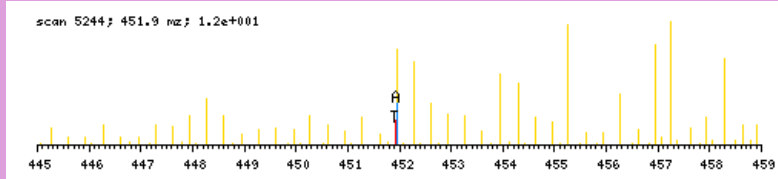
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1196.6751	598.8415
358.1978	3	L 10	1109.6431	555.3255
486.2564	4	Q 9	996.5591	498.7834
587.3040	5	T 8	868.5005	434.7542
674.3361	6	S 7	767.4528	384.2303
787.4201	7	L 6	680.4208	340.7143
900.5042	8	L 5	567.3367	284.1723
1037.5631	9	H 4	454.2526	227.6302
1108.6002	10	A 3	317.1937	159.1008
1179.6373	11	A 2	246.1566	123.5822
	12	R 1	175.1195	88.0637

N-term:+29.04

ESSEGEHSHVVPQR, MH+ 1603.7776, m/z 535.2640
 H OSG40 P180811 230811-s1.02138.02138.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

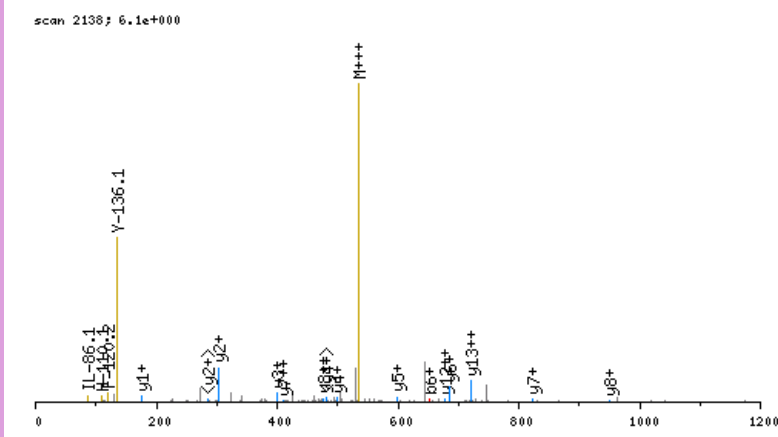
y + 2+ 3+

z + 2+ 3+

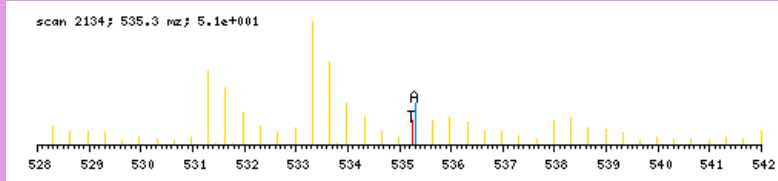
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
251.1455	2	S 13	1440.6719	720.8399
338.1776	3	S 12	1353.6399	677.3239
467.2201	4	E 11	1266.6079	633.8078
524.2416	5	G 10	1137.5653	569.2865
653.2842	6	E 9	1080.5438	540.7758
782.3268	7	E 8	951.5012	476.2545
919.3857	8	H 7	822.4586	411.7332
1006.4177	9	S 6	685.3997	343.2038
1105.4861	10	V 5	598.3677	299.6877
1204.5546	11	V 4	499.2993	250.1535
1301.6073	12	P 3	400.2308	200.6193
1429.6659	13	Q 2	303.1781	152.0930
	14	R 1	175.1195	88.0637

N-term:+35.07

ETGPAGPAGPIGPAGAR, MH+ 1503.7919, m/z 501.9355
 L OSG37 P180811 230811-s1.03462.03462.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

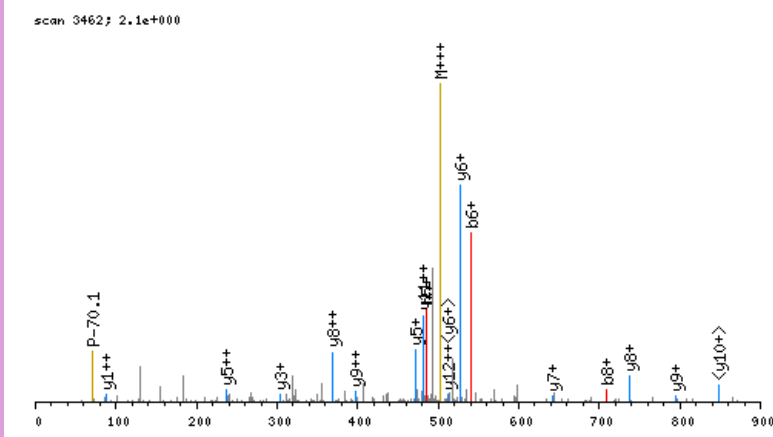
y + 2+ 3+

z + 2+ 3+

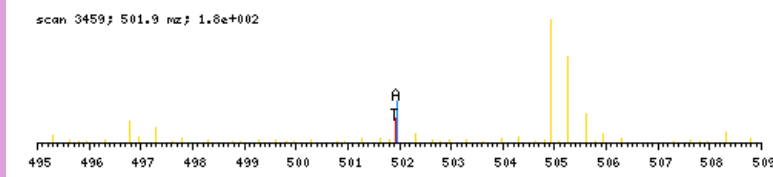
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
259.1294	2	T 16	1346.7181	673.8629
316.1508	3	G 15	1245.6704	623.3391
413.2036	4	P 14	1188.6489	594.8284
484.2407	5	A 13	1091.5962	546.3020
541.2622	6	G 12	1020.5591	510.7834
638.3149	7	P 11	963.5376	482.2727
709.3521	8	A 10	866.4848	433.7463
766.3735	9	G 9	795.4477	398.2278
863.4263	10	P 8	738.4262	369.7170
976.5103	11	I 7	641.3735	321.1907
1033.5318	12	G 6	528.2894	264.6486
1130.5846	13	P 5	471.2680	236.1379
1201.6217	14	A 4	374.2152	187.6115
1258.6432	15	G 3	303.1781	152.0930
1329.6803	16	A 2	246.1566	123.5822
	17	R 1	175.1195	88.0637

N-term:+29.04

ETTSSIPEAGEGQIR, MH+ 1608.8293, m/z 536.9479
 H OSG37 P180811 230811-s1.03636.03636.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

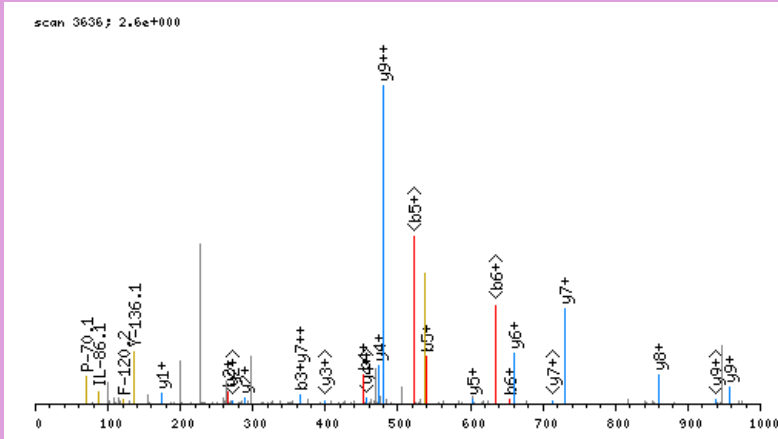
y + 2+ 3+

z + 2+ 3+

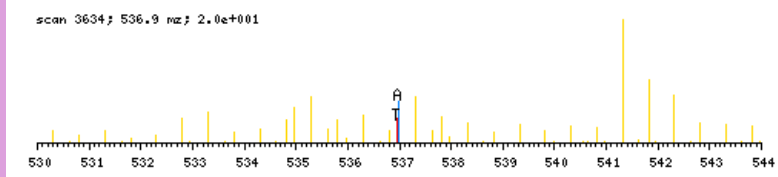
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
265.1612	2	T	14	1445.7236	723.3657
366.2089	3	T	13	1344.6759	672.8419
453.2409	4	S	12	1243.6283	622.3180
540.2729	5	S	11	1156.5962	578.8020
653.3570	6	I	10	1069.5642	535.2860
750.4097	7	P	9	956.4801	478.7440
879.4523	8	E	8	859.4274	430.2176
950.4894	9	A	7	730.3848	365.6963
1007.5109	10	G	6	659.3477	330.1777
1136.5535	11	E	5	602.3262	301.6670
1193.5750	12	G	4	473.2836	237.1457
1321.6335	13	Q	3	416.2621	208.6350
1434.7176	14	I	2	288.2036	144.6057
	15	R	1	175.1195	88.0637

N-term:+35.07

EVEDASEEAPLR, MH+ 1378.6914, m/z 689.8493
 H OSG37 P180811 230811-s1.03142.03142.2.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+

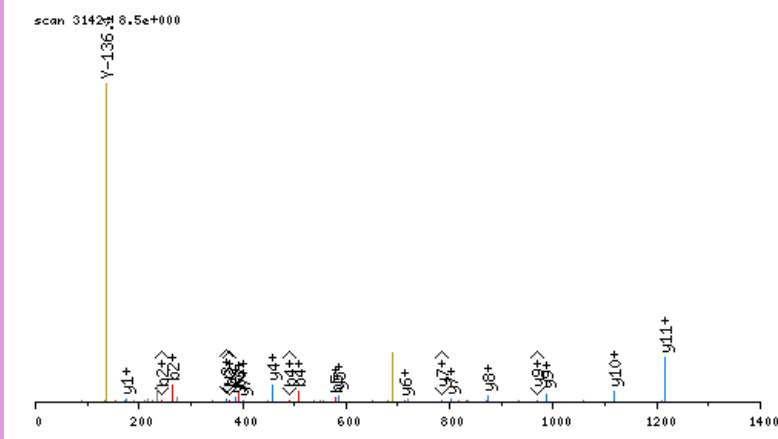
y + 2+ 3+

z + 2+ 3+

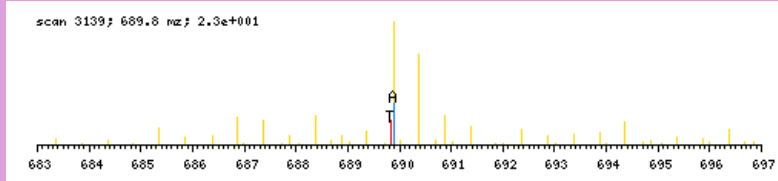
hide H₂O/NH₃

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		
263.1819	2	V 11	1215.5857	608.2968
392.2245	3	E 10	1116.5173	558.7626
507.2514	4	D 9	987.4747	494.2413
578.2886	5	A 8	872.4478	436.7278
665.3206	6	S 7	801.4107	401.2092
794.3632	7	E 6	714.3786	357.6932
923.4058	8	E 5	585.3360	293.1719
994.4429	9	A 4	456.2934	228.6506
1091.4956	10	P 3	385.2563	193.1321
1204.5797	11	L 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+35.07

EVGKALEGINNGITQAGR, MH+ 1895.0987, m/z 632.3711
 H OSG39 P180811 230811-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+

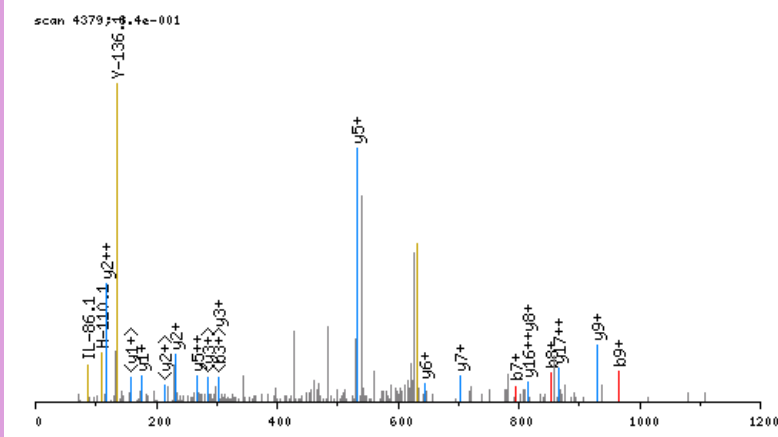
y + 2+ 3+

z + 2+ 3+

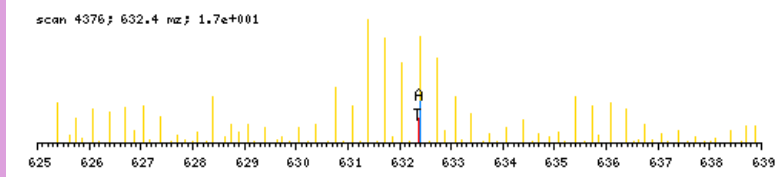
hide H₂O/NH₃

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⁺
164.1135	1	E 18		
263.1819	2	V 17	1731.9930	866.5004
320.2034	3	G 16	1632.9246	816.9662
482.3615	4	K 15	1575.9031	788.4555
553.3986	5	A 14	1413.7450	707.3764
666.4826	6	L 13	1342.7079	671.8579
795.5252	7	E 12	1229.6238	615.3158
852.5467	8	G 11	1100.5812	550.7945
965.6308	9	I 10	1043.5598	522.2838
1079.6737	10	N 9	930.4757	465.7418
1193.7166	11	N 8	816.4328	408.7203
1250.7381	12	G 7	702.3899	351.6988
1363.8222	13	I 6	645.3684	323.1881
1464.8698	14	T 5	532.2843	266.6461
1592.9284	15	Q 4	431.2367	216.1222
1663.9655	16	A 3	303.1781	152.0930
1720.9870	17	G 2	232.1410	116.5744
	18	R 1	175.1195	88.0637

N-term:+35.07 K(4):+162.16

EVHTGLGELLR, MH+ 1257.7379, m/z 419.9175
 H OSG40 P180811 230811-s1.06096.06096.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

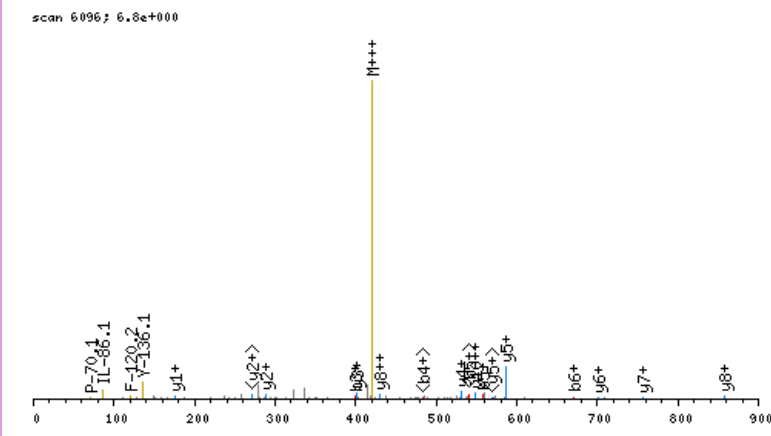
y + 2+ 3+

z + 2+ 3+

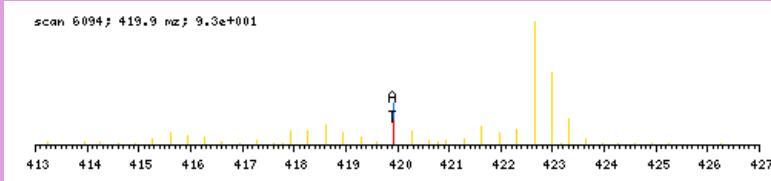
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 11		
263.1819	2	V 10	1094.6322	547.8200
400.2408	3	H 9	995.5638	498.2858
501.2885	4	T 8	858.5049	429.7564
558.3100	5	G 7	757.4572	379.2325
671.3940	6	L 6	700.4357	350.7218
728.4155	7	G 5	587.3517	294.1798
857.4581	8	E 4	530.3302	265.6690
970.5421	9	L 3	401.2876	201.1477
1083.6262	10	L 2	288.2036	144.6057
	11	R 1	175.1195	88.0637

N-term:+35.07

EVPKEAPKVGILGSGDFAR, MH+ 2072.2604, m/z 518.8206
 H OSG40 P180811 230811-s1.06147.06147.4.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+

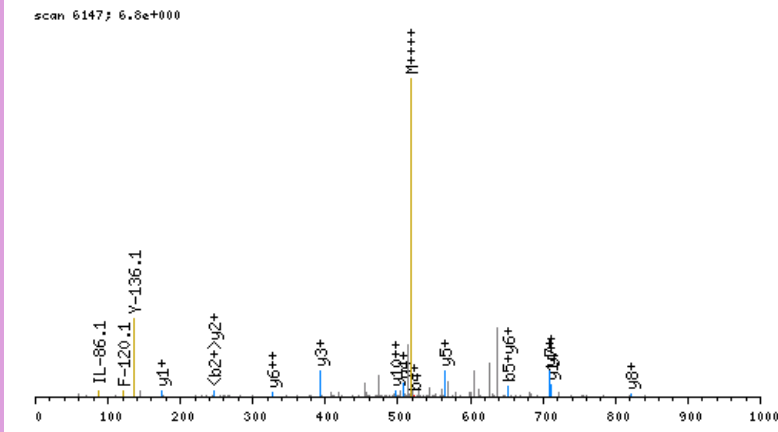
y + 2+ 3+

z + 2+ 3+

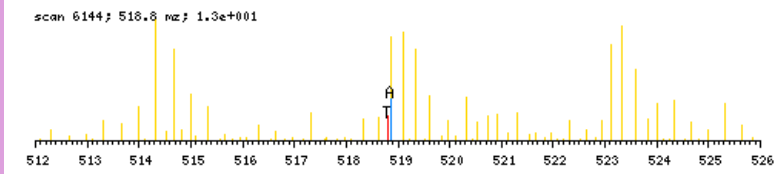
hide H₂O/NH₃

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	19		
263.1819	2	V	18	1909.1548	955.0813
360.2347	3	P	17	1810.0864	905.5471
522.3928	4	K	16	1713.0336	857.0207
651.4354	5	E	15	1550.8755	775.9417
722.4725	6	A	14	1421.8329	711.4204
819.5252	7	P	13	1350.7958	675.9018
981.6833	8	K	12	1253.7430	627.3754
1080.7518	9	V	11	1091.5849	546.2964
1137.7732	10	G	10	992.5165	496.7622
1250.8573	11	I	9	935.4951	468.2514
1363.9413	12	L	8	822.4110	411.7094
1420.9628	13	G	7	709.3269	355.1674
1507.9948	14	S	6	652.3055	326.6566
1565.0163	15	G	5	565.2734	283.1406
1680.0432	16	D	4	508.2520	254.6299
1827.1117	17	F	3	393.2250	197.1164
1898.1488	18	A	2	246.1566	123.5822
	19	R	1	175.1195	88.0637

N-term:+35.07 K(4):+162.16
 K(8):+162.16

EVQLQQSGAELVR, MH+ 1490.8391, m/z 497.6179
 H OSG37 P180811 230811-s1.04741.04741.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

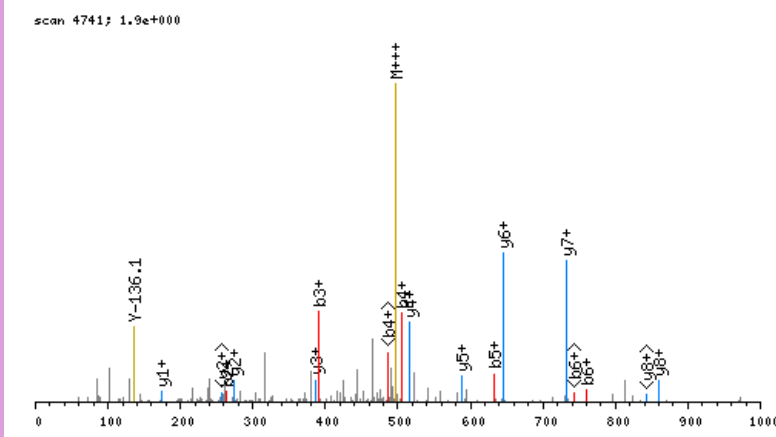
y + 2+ 3+

z + 2+ 3+

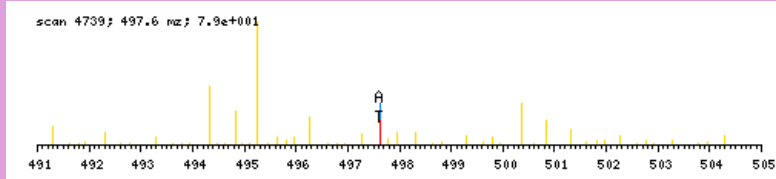
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

EWASQTTDGKLPVTKDVER, MH+ 2391.3256, m/z 598.5869
 H OSG40 P180811 230811-s1.05723.05723.4.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+

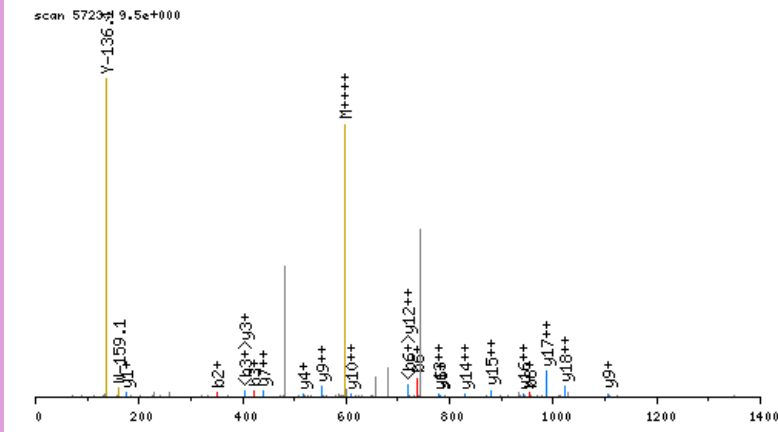
y + 2+ 3+

z + 2+ 3+

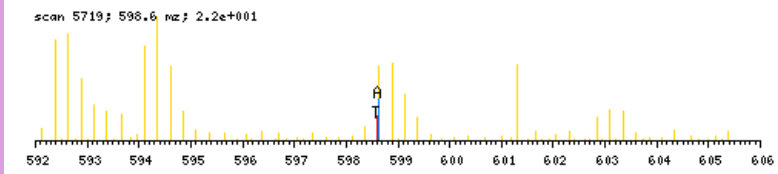
hide H₂O/NH₃

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		
350.1928	2	W	19	2228.2200	1114.6139
421.2299	3	A	18	2042.1406	1021.5742
508.2619	4	S	17	1971.1035	986.0557
636.3205	5	Q	16	1884.0715	942.5397
737.3682	6	T	15	1756.0129	878.5104
838.4159	7	T	14	1654.9652	827.9865
953.4428	8	D	13	1553.9176	777.4627
1010.4643	9	G	12	1438.8906	719.9492
1172.6224	10	K	11	1381.8692	691.4385
1285.7065	11	L	10	1219.7111	610.3594
1382.7592	12	P	9	1106.6270	553.8174
1511.8018	13	E	8	1009.5742	505.2910
1610.8702	14	V	7	880.5316	440.7697
1711.9179	15	T	6	781.4632	391.2355
1874.0760	16	K	5	680.4156	340.7117
1989.1029	17	D	4	518.2575	259.6326
2088.1714	18	V	3	403.2305	202.1192
2217.2140	19	E	2	304.1621	152.5850
	20	R	1	175.1195	88.0637

N-term: +35.07 K(10): +162.16
 K(16): +162.16

EYQPHVIVSTTGPENFNLTDTR, MH+ 2520.2947, m/z 630.8291
 H OSG39 P180811 230811-s1.06564.06564.4.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+

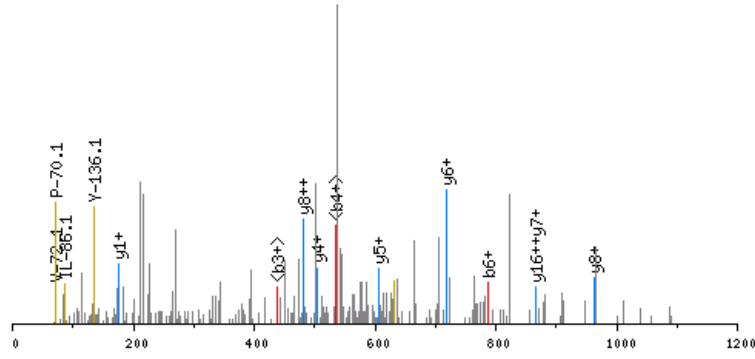
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

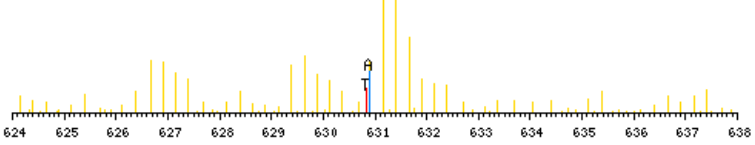
GO

scan 6564; 4.8e-001



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

scan 6561; 630.8 mz; 1.5e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
164.1135	1	E 22		
327.1768	2	Y 21	2357.1890	1179.0984
455.2354	3	Q 20	2194.1257	1097.5667
552.2882	4	P 19	2066.0671	1033.5375
689.3471	5	H 18	1969.0143	985.0111
788.4155	6	V 17	1831.9554	916.4816
901.4996	7	I 16	1732.8870	866.9474
1000.5680	8	V 15	1619.8029	810.4054
1087.6000	9	S 14	1520.7345	760.8712
1188.6477	10	T 13	1433.7025	717.3552
1289.6954	11	T 12	1332.6548	666.8313
1346.7168	12	G 11	1231.6071	616.3075
1443.7696	13	P 10	1174.5857	587.7967
1557.8125	14	N 9	1077.5329	539.2704
1654.8653	15	P 8	963.4900	482.2489
1801.9337	16	F 7	866.4372	433.7225
1915.9766	17	N 6	719.3688	360.1883
2017.0243	18	T 5	605.3259	303.1668
2130.1084	19	L 4	504.2782	252.6430
2231.1560	20	T 3	391.1941	196.1010
2346.1830	21	D 2	290.1464	145.5771
	22	R 1	175.1195	88.0637

N-term:+35.07

FAAGQEPDASAASGR, MH+ 1468.7244, m/z 490.2463
 H OSG37 P180811 230811-s1.02332.02332.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

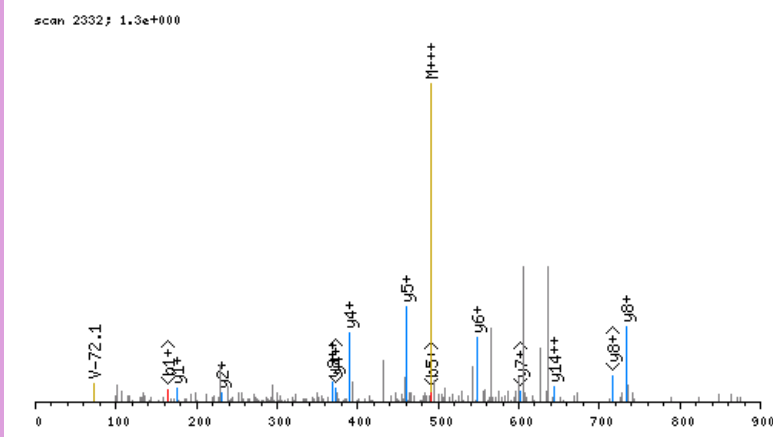
y + 2+ 3+

z + 2+ 3+

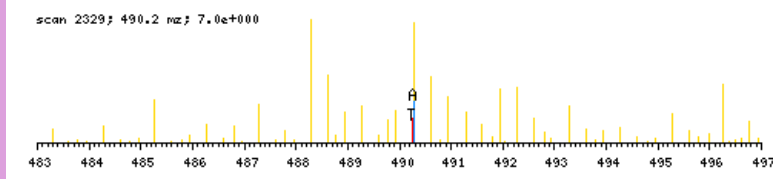
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	
253.1764	2	A	14	1287.5929 644.3004
324.2135	3	A	13	608.7818
381.2350	4	G	12	573.2633
509.2936	5	Q	11	544.7525
638.3362	6	E	10	480.7232
735.3889	7	P	9	416.2019
850.4159	8	D	8	734.3433 367.6756
921.4530	9	A	7	310.1621
1008.4850	10	S	6	548.2792 274.6435
1079.5221	11	A	5	461.2472 231.1275
1150.5593	12	A	4	390.2101 195.6090
1237.5913	13	S	3	319.1730 160.0904
1294.6127	14	G	2	232.1410 116.5744
	15	R	1	175.1195 88.0637

N-term:+35.07

FDELDSIAKAR, MH+ 1332.7800, m/z 444.9315
 H OSG40 P180811 230811-s1.05557.05557.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

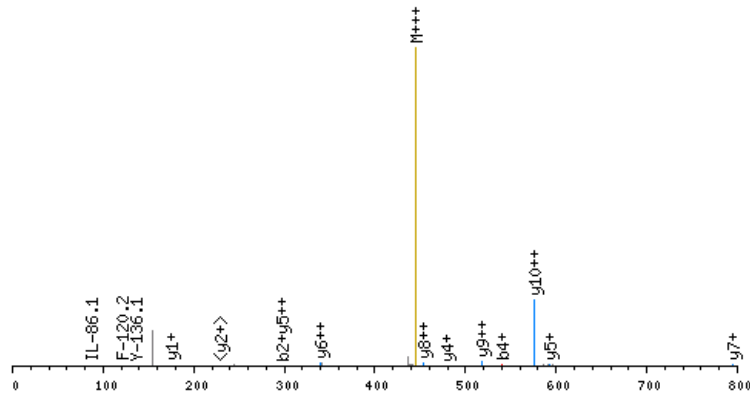
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

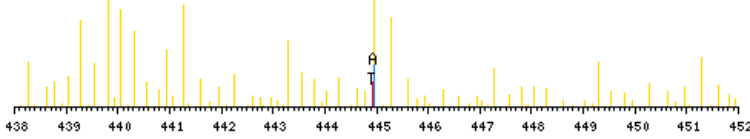
GO

scan 5557; 1.7e+001



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

scan 5554; 444.9 m/z; 1.2e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
182.1393	1	F 11		
297.1663	2	D 10	1151.6485	576.3281
426.2089	3	E 9	1036.6215	518.8147
539.2929	4	L 8	907.5789	454.2934
654.3199	5	D 7	794.4949	397.7513
741.3519	6	S 6	679.4679	340.2379
854.4359	7	I 5	592.4359	296.7219
925.4731	8	A 4	479.3518	240.1798
1087.6312	9	K 3	408.3147	204.6613
1158.6683	10	A 2	246.1566	123.5822
	11	R 1	175.1195	88.0637

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

FDEPPNPTNVEESLKR, MH+ 1927.9765, m/z 643.3304
 L OSG39 P180811 230811-s1.04835.04835.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

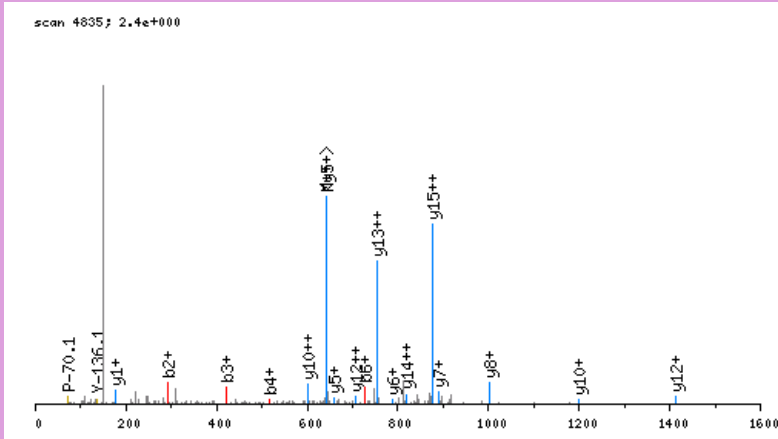
y + 2+ 3+

z + 2+ 3+

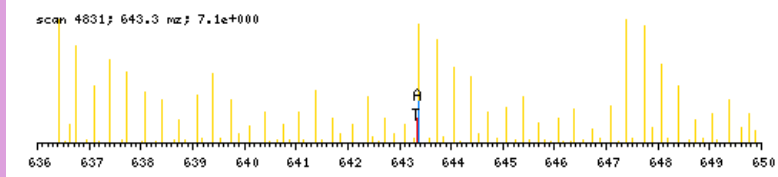
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
291.1345	2	D 15	1752.8769	876.9423
420.1771	3	E 14	1637.8499	819.4289
517.2298	4	P 13	1508.8073	754.9076
614.2826	5	P 12	1411.7546	706.3812
728.3255	6	N 11	1314.7018	657.8548
825.3783	7	P 10	1200.6589	600.8333
926.4259	8	T 9	1103.6061	552.3070
1040.4689	9	N 8	1002.5584	501.7831
1139.5373	10	V 7	888.5155	444.7617
1268.5799	11	E 6	789.4471	395.2275
1397.6225	12	E 5	660.4045	330.7062
1484.6545	13	S 4	531.3619	266.1849
1597.7386	14	L 3	444.3299	222.6688
1753.8649	15	K 2	331.2458	166.1268
	16	R 1	175.1195	88.0637

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

FDFAGEEVR, MH+ 1103.5585, m/z 552.2829
 H OSG38 P180811 230811-s1.05461.05461.2.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+

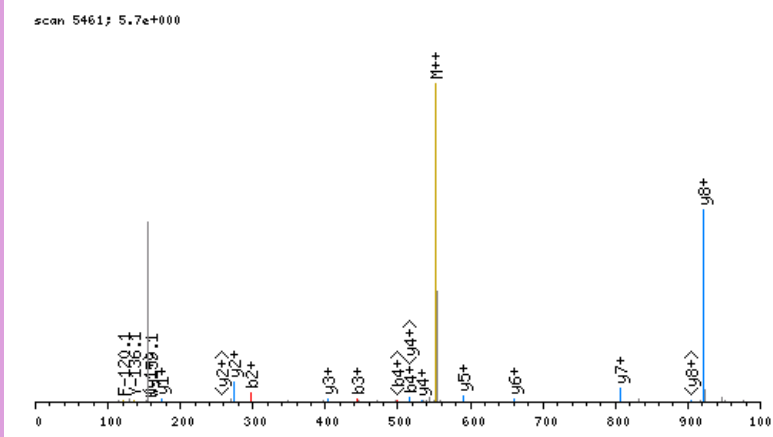
y + 2+ 3+

z + 2+ 3+

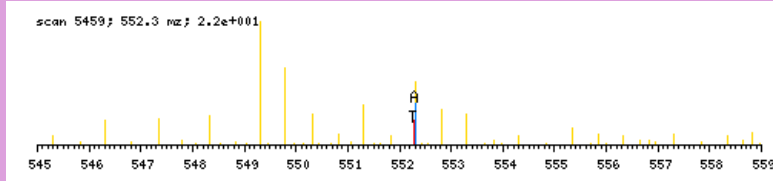
hide H₂O/NH₃

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⁺
182.1393	1	F	9	
297.1663	2	D	8	461.7174
444.2347	3	F	7	404.2040
515.2718	4	A	6	330.6698
572.2932	5	G	5	295.1512
701.3358	6	E	4	266.6405
830.3784	7	E	3	202.1192
929.4468	8	V	2	137.5979
	9	R	1	88.0637

N-term:+35.07

FDITADDEPLGR, MH+ 1382.7016, m/z 691.8544
 H OSG37 P180811 230811-s1.06223.06223.2.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+

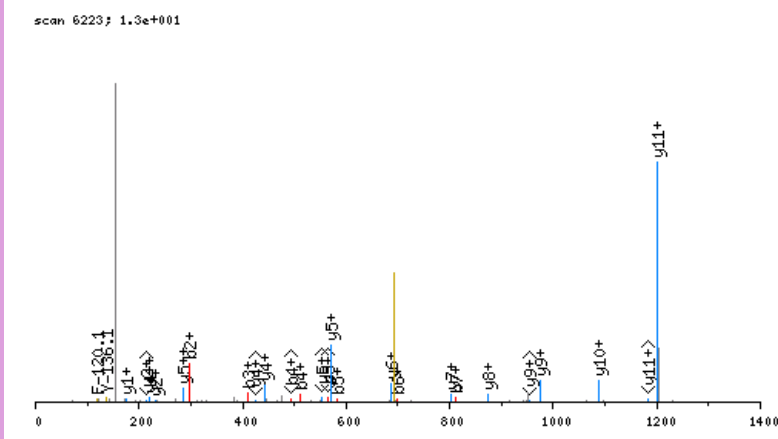
y + 2+ 3+

z + 2+ 3+

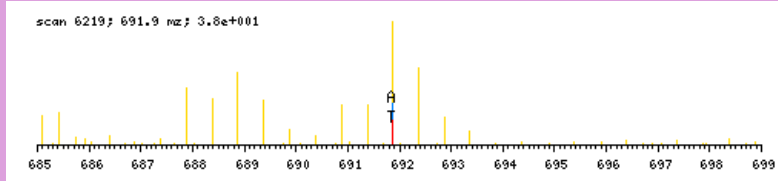
hide H₂O/NH₃

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⁺
182.1393	1	F 12		
297.1663	2	D 11	1201.5701	601.2889
410.2503	3	I 10	1086.5431	543.7755
511.2980	4	T 9	973.4591	487.2334
582.3351	5	A 8	872.4114	436.7096
697.3621	6	D 7	801.3743	401.1910
812.3890	7	D 6	686.3473	343.6776
941.4316	8	E 5	571.3204	286.1641
1038.4844	9	P 4	442.2778	221.6428
1151.5684	10	L 3	345.2250	173.1164
1208.5899	11	G 2	232.1410	116.5744
	12	R 1	175.1195	88.0637

N-term:+35.07

FDKFCANTCVDCR, MH+ 1760.8193, m/z 587.6113
 H OSG40 P180811 230811-s1.03837.03837.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

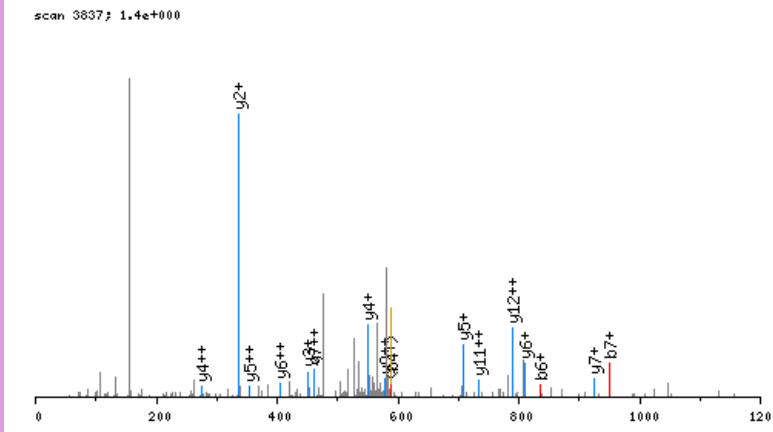
y + 2+ 3+

z + 2+ 3+

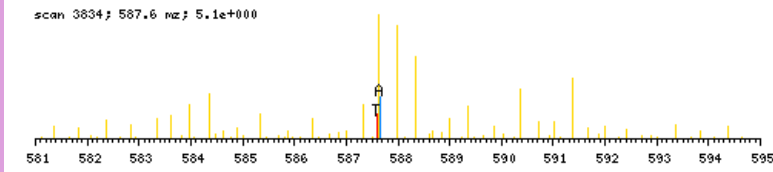
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
297.1663	2	D	12	1579.6878	790.3478
459.3244	3	K	11	1464.6609	732.8344
606.3928	4	F	10	1302.5028	651.7553
766.4234	5	C	9	1155.4344	578.2211
837.4605	6	A	8	995.4038	498.2058
951.5034	7	N	7	924.3667	462.6872
1052.5511	8	T	6	810.3237	405.6658
1212.5817	9	C	5	709.2761	355.1419
1311.6501	10	V	4	549.2455	275.1266
1426.6770	11	D	3	450.1770	225.5924
1586.7076	12	C	2	335.1501	168.0790
	13	R	1	175.1195	88.0637

N-term:+35.07 K(3):+162.16
 C(5):+160.03 C(9):+160.03
 C(12):+160.03

FDKPVSPDLLASGMAR, MH+ 1770.0624, m/z 590.6923
 H OSG39 P180811 230811-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+

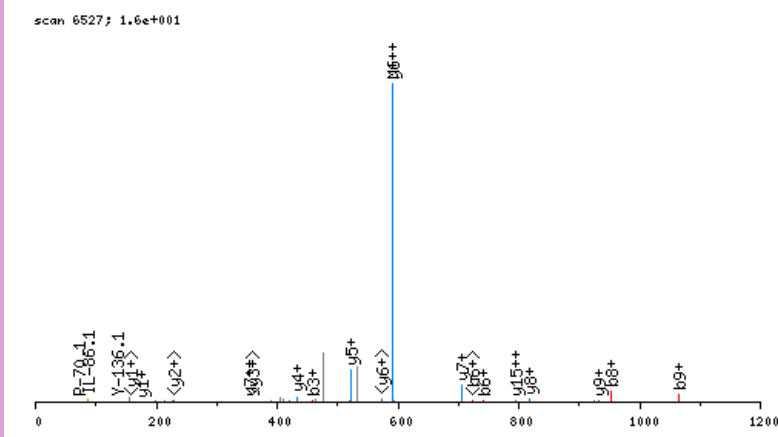
y + 2+ 3+

z + 2+ 3+

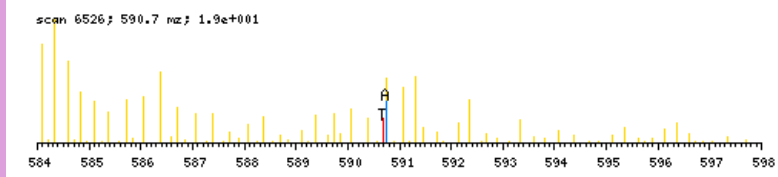
hide H₂O/NH₃

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⁺
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

FDLQIGDESVGR, MH+ 1369.7175, m/z 685.3624
 H OSG37 P180811 230811-s1.06782.06782.2.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+

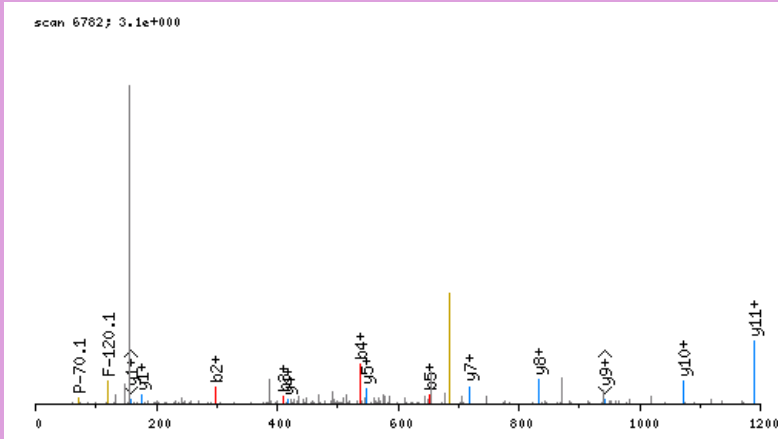
y + 2+ 3+

z + 2+ 3+

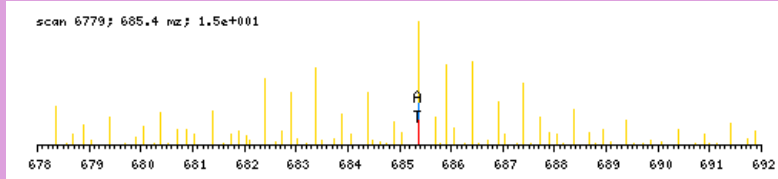
hide H₂O/NH₃

zoom 112-122

GO



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



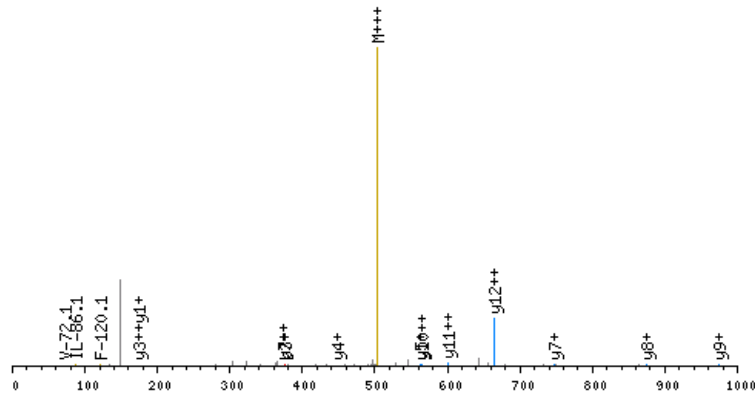
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
182.1393	1	F 12		
297.1663	2	D 11	1188.5861	594.7969
410.2503	3	L 10	1073.5591	537.2835
538.3089	4	Q 9	960.4750	480.7414
651.3930	5	I 8	832.4165	416.7121
708.4144	6	G 7	719.3324	360.1701
823.4414	7	D 6	662.3109	331.6594
952.4840	8	E 5	547.2840	274.1459
1039.5160	9	S 4	418.2414	209.6246
1138.5844	10	V 3	331.2094	166.1086
1195.6059	11	G 2	232.1410	116.5744
	12	R 1	175.1195	88.0637

N-term:+35.07

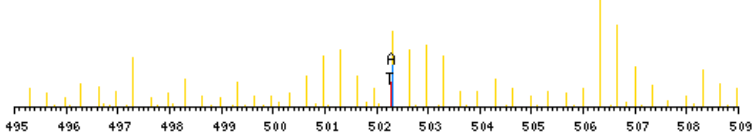
FQAKVQAINVSSR, MH+ 1504.8488, m/z 502.2878
 L OSG40 P180811 230811-s1.04698.04698.3.dta

scan 4698; 1.5e+001



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

scan 4694; 502.3 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⁺
176.1075	1	F 13		
305.1501	2	E 12	1329.7491	665.3785
376.1872	3	A 11	1200.7065	600.8572
532.3135	4	K 10	1129.6694	565.3386
631.3819	5	V 9	973.5431	487.2754
759.4405	6	Q 8	874.4747	437.7412
830.4776	7	A 7	746.4161	373.7120
943.5617	8	I 6	675.3790	338.1934
1057.6046	9	N 5	562.2949	281.6514
1156.6730	10	V 4	448.2520	224.6299
1243.7051	11	S 3	349.1836	175.0957
1330.7371	12	S 2	262.1515	131.5797
	13	R 1	175.1195	88.0637

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

FEEISDEASKLVDR, MH+ 1693.8649, m/z 565.2931
 L OSG39 P180811 230811-s1.05175.05175.3.dta

scan 5175; 6.5e+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+

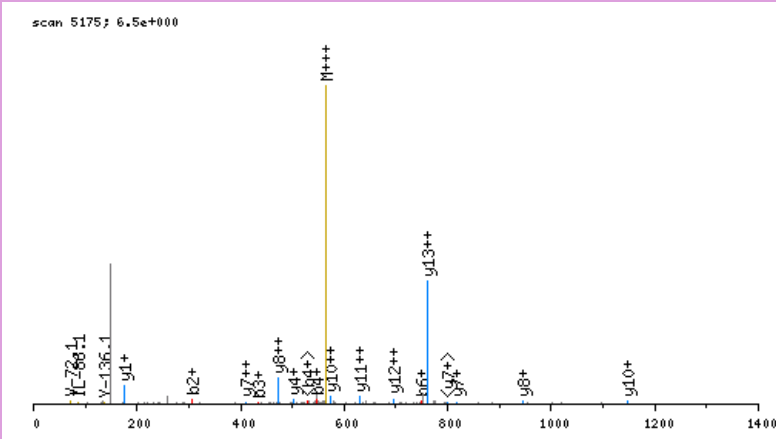
y + 2+ 3+

z + 2+ 3+

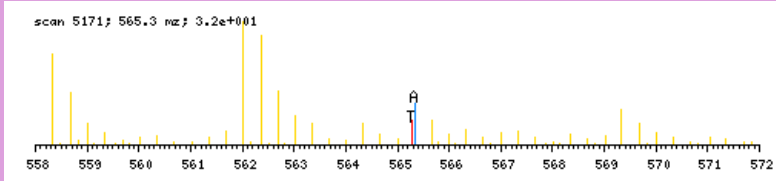
hide H₂O/NH₃

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⁺
176.1075	1	F 14		
305.1501	2	E 13	1518.7652	759.8865
434.1927	3	E 12	1389.7226	695.3652
547.2768	4	I 11	1260.6800	630.8439
634.3088	5	S 10	1147.5959	574.3019
749.3357	6	D 9	1060.5639	530.7859
878.3783	7	E 8	945.5370	473.2724
949.4154	8	A 7	816.4944	408.7511
1036.4475	9	S 6	745.4573	373.2325
1192.5738	10	K 5	658.4252	329.7165
1305.6578	11	L 4	502.2989	251.6534
1404.7262	12	V 3	389.2149	195.1113
1519.7532	13	D 2	290.1464	145.5771
	14	R 1	175.1195	88.0637

N-term:+29.04 K(10):+156.13

FEEYGKIDTIEIITDR, MH+ 1998.0436, m/z 666.6860
 L OSG39 P180811 230811-s1.06535.06535.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

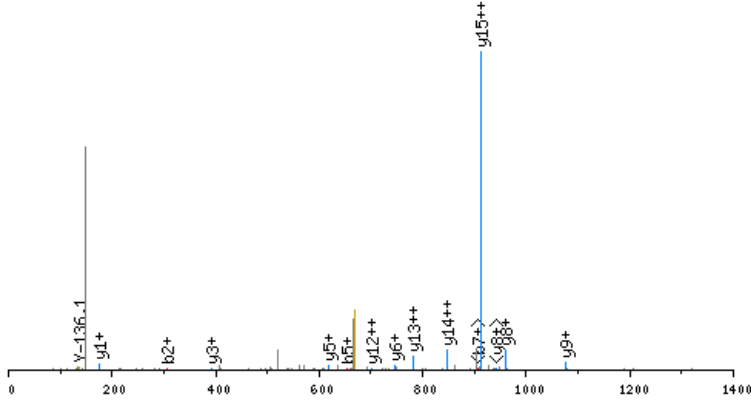
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

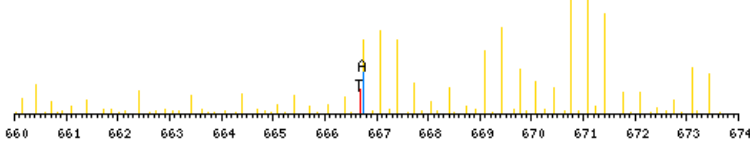
GO

scan 6535; 6.3e+000



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

scan 6531; 666.7 m/z; 8.8e+000



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

b ⁺	#	AA #	y ⁺	y ²⁺
176.1075	1	F 16		
305.1501	2	E 15	1822.9439	911.9758
434.1927	3	E 14	1693.9013	847.4546
597.2560	4	Y 13	1564.8587	782.9333
654.2775	5	G 12	1401.7954	701.4016
810.4038	6	K 11	1344.7739	672.8909
923.4879	7	I 10	1188.6476	594.8277
1038.5148	8	D 9	1075.5635	538.2857
1139.5625	9	T 8	960.5366	480.7722
1252.6465	10	I 7	859.4889	430.2484
1381.6891	11	E 6	746.4048	373.7063
1494.7732	12	I 5	617.3623	309.1850
1607.8573	13	I 4	504.2782	252.6430
1708.9049	14	T 3	391.1941	196.1010
1823.9319	15	D 2	290.1464	145.5771
	16	R 1	175.1195	88.0637

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

FEVLPQQVTIDAIR, MH+ 1656.9325, m/z 552.9823
 L OSG37 P180811 230811-s1.08193.08193.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

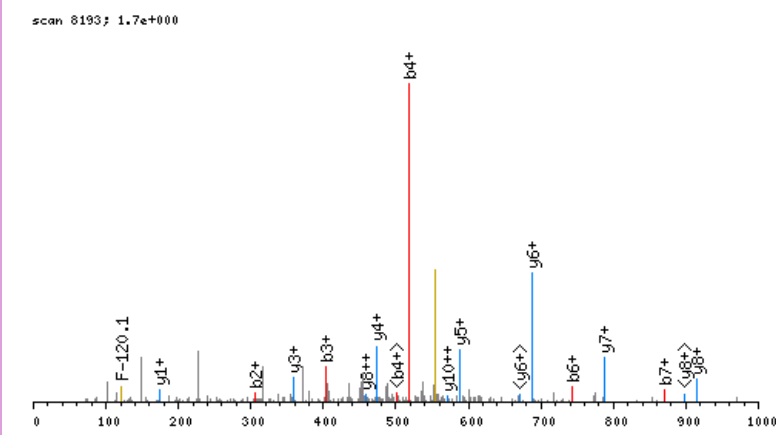
y + 2+ 3+

z + 2+ 3+

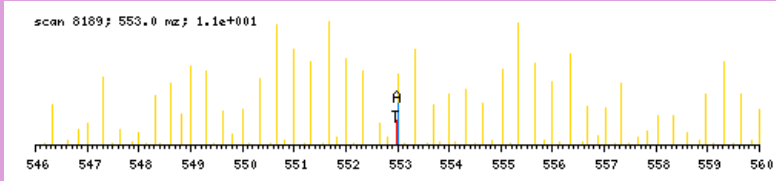
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
305.1501	2	E 13	1481.8328	741.4203
404.2185	3	V 12	1352.7902	676.8990
517.3026	4	L 11	1253.7218	627.3648
614.3553	5	P 10	1140.6377	570.8228
742.4139	6	Q 9	1043.5849	522.2964
870.4725	7	Q 8	915.5264	458.2671
969.5409	8	V 7	787.4678	394.2378
1070.5886	9	T 6	688.3994	344.7036
1183.6727	10	I 5	587.3517	294.1798
1298.6996	11	D 4	474.2676	237.6377
1369.7367	12	A 3	359.2407	180.1243
1482.8208	13	I 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+29.04

FFDELDSIAKAR, MH+ 1467.7848, m/z 489.9331
 L OSG40 P180811 230811-s1.07153.07153.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

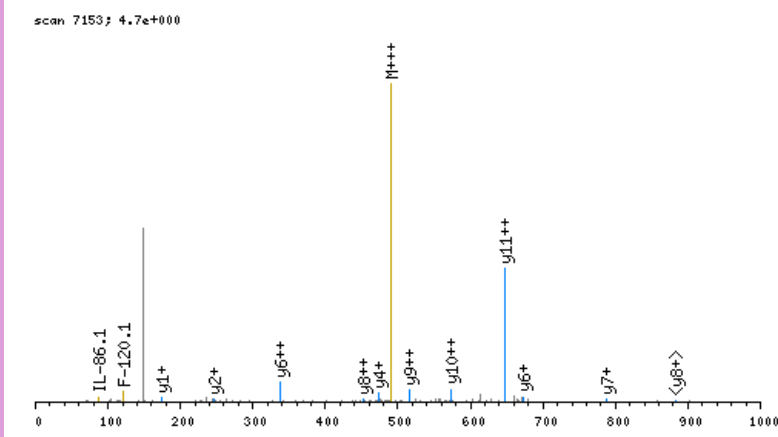
y + 2+ 3+

z + 2+ 3+

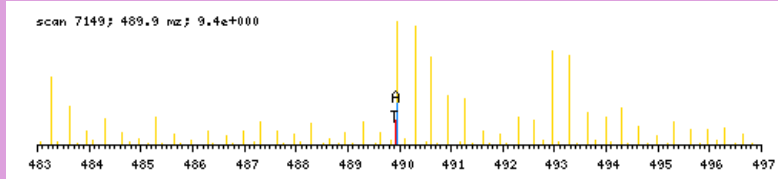
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
323.1759	2	F 11	1292.6851	646.8465
438.2029	3	D 10	1145.6167	573.3122
567.2455	4	E 9	1030.5897	515.7988
680.3295	5	L 8	901.5471	451.2775
795.3565	6	D 7	788.4631	394.7354
882.3885	7	S 6	673.4361	337.2220
995.4726	8	I 5	586.4041	293.7060
1066.5097	9	A 4	473.3200	237.1639
1222.6360	10	K 3	402.2829	201.6454
1293.6731	11	A 2	246.1566	123.5822
	12	R 1	175.1195	88.0637

N-term:+29.04 K(10):+156.13

FGPISEVVVVKDR, MH+ 1512.9426, m/z 504.9857
 H OSG39 P180811 230811-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+

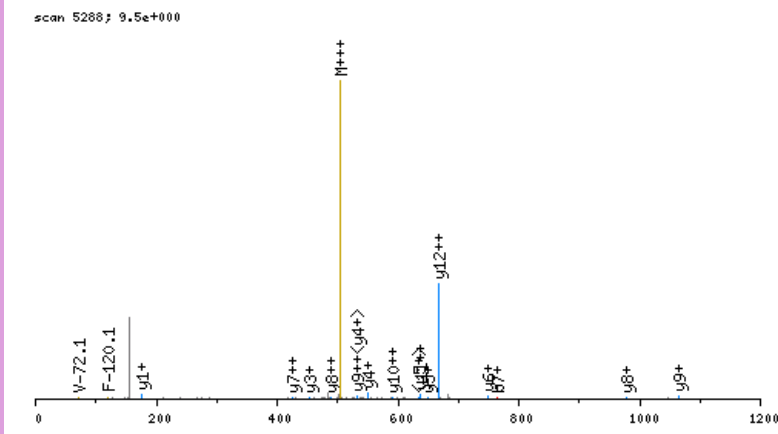
y + 2+ 3+

z + 2+ 3+

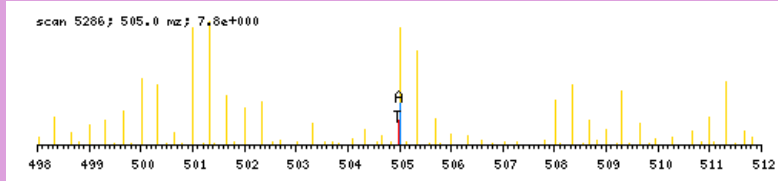
hide H₂O/NH₃

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⁺
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

FKDLFDPIIQDR, MH+ 1574.9219, m/z 525.6455
 H OSG40 P180811 230811-s1.08087.08087.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

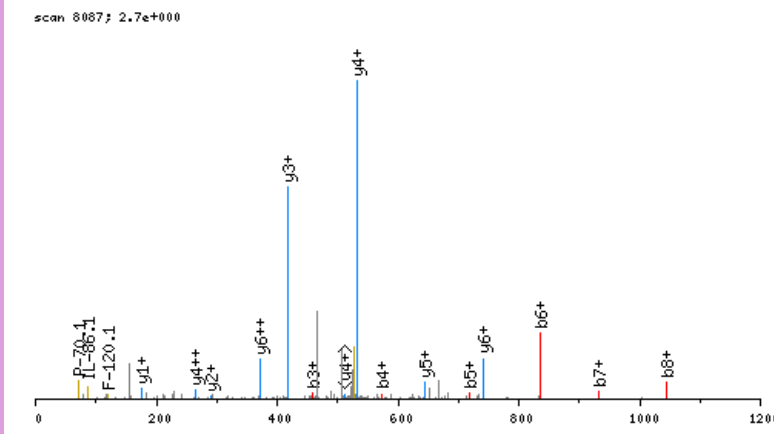
y + 2+ 3+

z + 2+ 3+

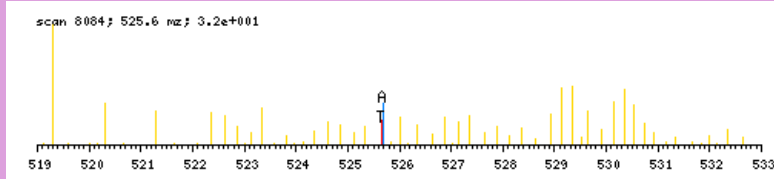
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
344.2974	2	K 11	1393.7904	697.3991
459.3244	3	D 10	1231.6323	616.3201
572.4084	4	L 9	1116.6053	558.8066
719.4768	5	F 8	1003.5213	502.2645
834.5038	6	D 7	856.4529	428.7303
931.5565	7	P 6	741.4259	371.2169
1044.6406	8	I 5	644.3731	322.6905
1157.7247	9	I 4	531.2891	266.1485
1285.7832	10	Q 3	418.2050	209.6064
1400.8102	11	D 2	290.1464	145.5771
	12	R 1	175.1195	88.0637

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

FKEETEIPAR, MH+ 1287.7585, m/z 429.9243
 H OSG40 P180811 230811-s1.02933.02933.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

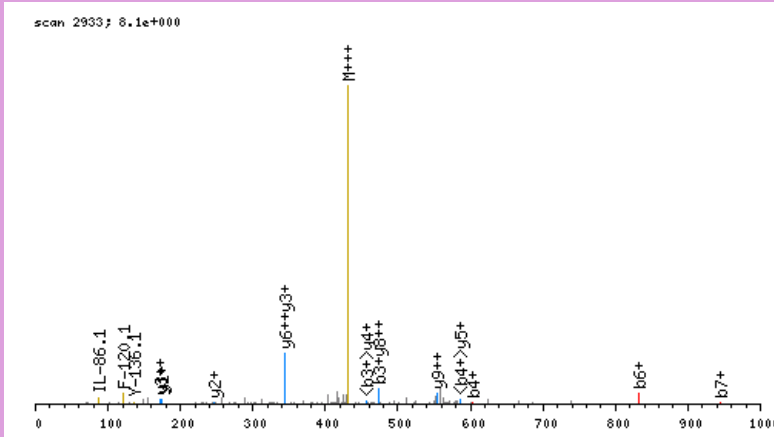
y + 2+ 3+

z + 2+ 3+

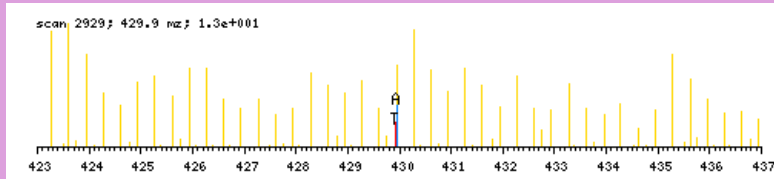
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	10		
344.2974	2	K	9	1106.6270	553.8174
473.3400	3	E	8	944.4689	472.7384
602.3826	4	E	7	815.4263	408.2171
703.4303	5	T	6	686.3837	343.6958
832.4729	6	E	5	585.3360	293.1719
945.5569	7	I	4	456.2934	228.6506
1042.6097	8	P	3	343.2094	172.1086
1113.6468	9	A	2	246.1566	123.5822
	10	R	1	175.1195	88.0637

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

FNKPDIDAWELR, MH+ 1559.8222, m/z 520.6123
 L OSG40 P180811 230811-s1.07258.07258.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

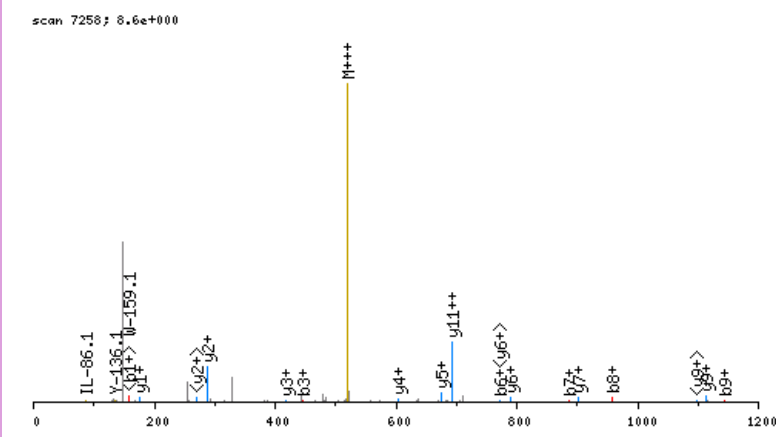
y + 2+ 3+

z + 2+ 3+

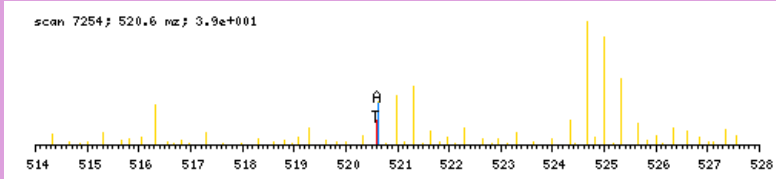
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
290.1504	2	N 11	1384.7225	692.8652
446.2767	3	K 10	1270.6796	635.8437
543.3295	4	P 9	1114.5533	557.7806
658.3564	5	D 8	1017.5005	509.2542
771.4405	6	I 7	902.4736	451.7407
886.4675	7	D 6	789.3895	395.1987
957.5046	8	A 5	674.3626	337.6852
1143.5839	9	W 4	603.3255	302.1666
1272.6265	10	E 3	417.2462	209.1270
1385.7105	11	L 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

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

FSLGFDEPAEQPVR, MH+ 1619.8069, m/z 540.6072
 L OSG37 P180811 230811-s1.07007.07007.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

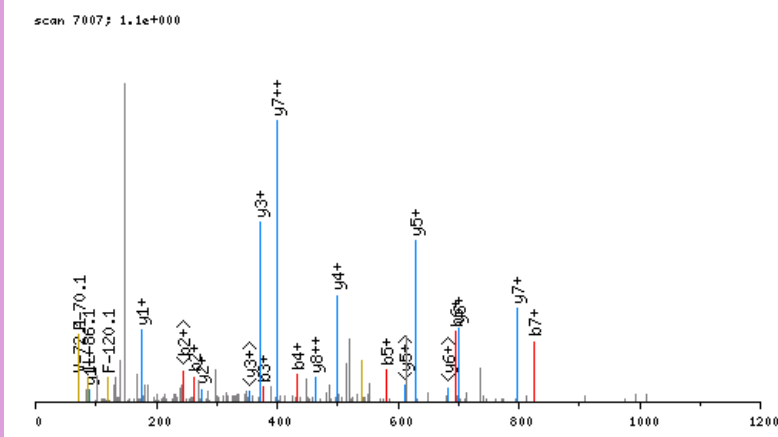
y + 2+ 3+

z + 2+ 3+

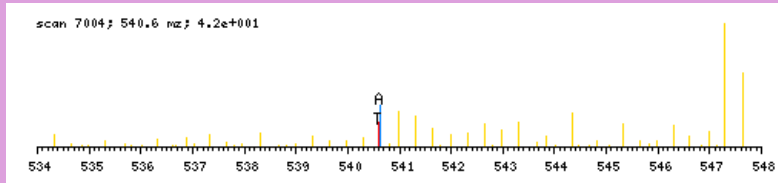
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

FSLSGAQIDDNIPR, MH+ 1566.8340, m/z 522.9495
 H OSG37 P180811 230811-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+

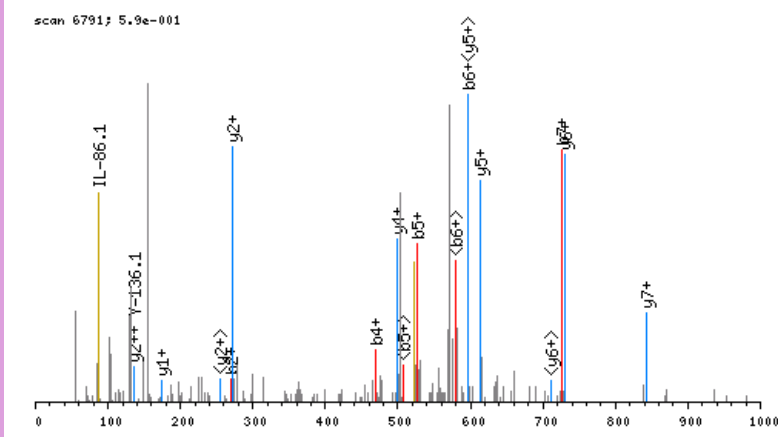
y + 2+ 3+

z + 2+ 3+

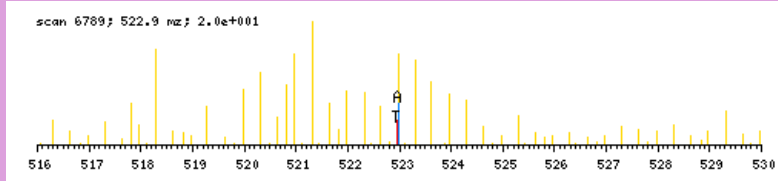
hide H₂O/NH₃

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⁺
182.1393	1	F 14		
269.1713	2	S 13	1385.7025	693.3552
382.2554	3	L 12	1298.6705	649.8391
469.2874	4	S 11	1185.5864	593.2971
526.3089	5	G 10	1098.5544	549.7811
597.3460	6	A 9	1041.5329	521.2704
725.4046	7	Q 8	970.4958	485.7518
838.4887	8	I 7	842.4372	421.7225
953.5156	9	D 6	729.3531	365.1805
1068.5425	10	D 5	614.3262	307.6670
1182.5855	11	N 4	499.2993	250.1535
1295.6695	12	I 3	385.2563	193.1321
1392.7223	13	P 2	272.1723	136.5900
	14	R 1	175.1195	88.0637

N-term:+35.07

FSPEKSQLPGIVAGGR, MH+ 1711.0179, m/z 571.0108
 H OSG40 P180811 230811-s1.05861.05861.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

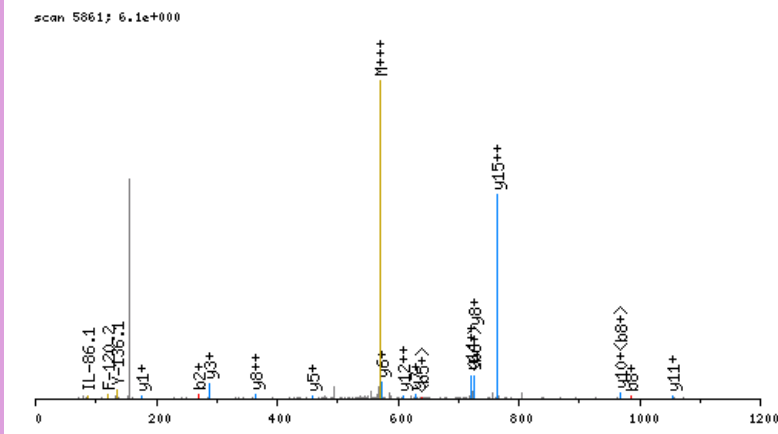
y + 2+ 3+

z + 2+ 3+

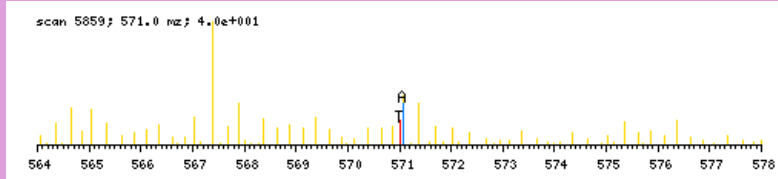
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
269.1713	2	S 15	1529.8864	765.4471
366.2241	3	P 14	1442.8544	721.9311
495.2667	4	E 13	1345.8016	673.4047
657.4248	5	K 12	1216.7590	608.8834
744.4568	6	S 11	1054.6009	527.8044
872.5154	7	Q 10	967.5689	484.2884
985.5995	8	L 9	839.5103	420.2591
1082.6522	9	P 8	726.4262	363.7170
1139.6737	10	G 7	629.3735	315.1907
1252.7578	11	I 6	572.3520	286.6799
1351.8262	12	V 5	459.2680	230.1379
1422.8633	13	A 4	360.1995	180.6037
1479.8848	14	G 3	289.1624	145.0851
1536.9062	15	G 2	232.1410	116.5744
	16	R 1	175.1195	88.0637

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

FVGGLDWSTTQETLR, MH+ 1737.8811, m/z 579.9652
 L OSG37 P180811 230811-s1.07308.07308.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

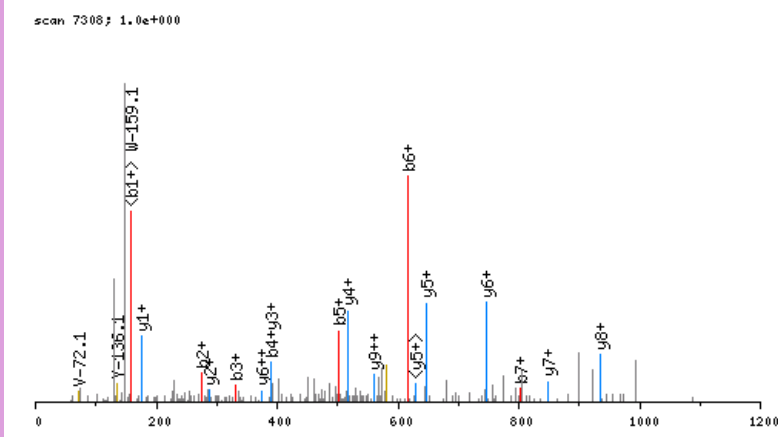
y + 2+ 3+

z + 2+ 3+

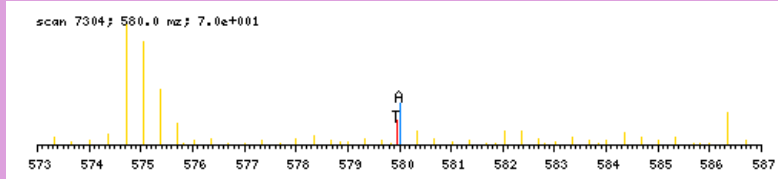
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
275.1759	2	V 14	1562.7815	781.8946
332.1974	3	G 13	1463.7130	732.3604
389.2189	4	G 12	1406.6916	703.8497
502.3029	5	L 11	1349.6701	675.3390
617.3299	6	D 10	1236.5861	618.7969
803.4092	7	W 9	1121.5591	561.2835
890.4412	8	S 8	935.4798	468.2438
991.4889	9	T 7	848.4478	424.7278
1092.5366	10	T 6	747.4001	374.2040
1220.5951	11	Q 5	646.3524	323.6801
1349.6377	12	E 4	518.2938	259.6508
1450.6854	13	T 3	389.2512	195.1295
1563.7695	14	L 2	288.2036	144.6057
	15	R 1	175.1195	88.0637

N-term:+29.04

FVLDEADEMLSR, MH+ 1452.7044, m/z 484.9063
 L OSG37 P180811 230811-s1.07573.07573.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

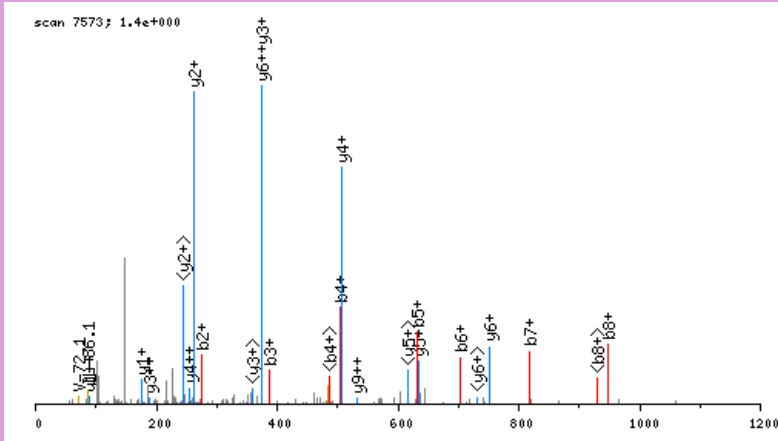
y + 2+ 3+

z + 2+ 3+

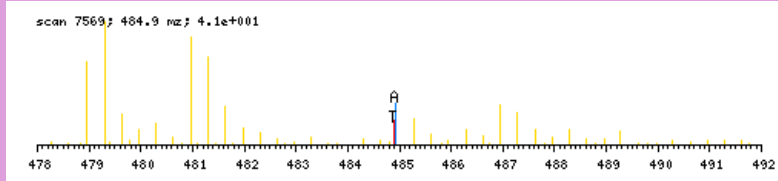
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

FVLLPEQSPGSYSKR, MH+ 1763.9696, m/z 588.6614
 L OSG39 P180811 230811-s1.04905.04905.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

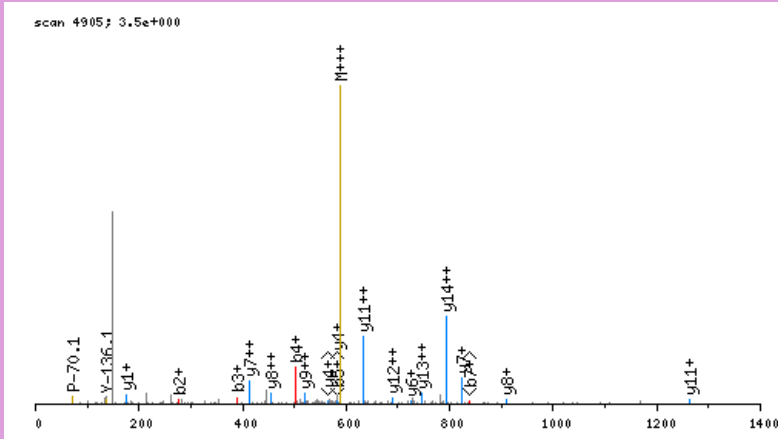
y + 2+ 3+

z + 2+ 3+

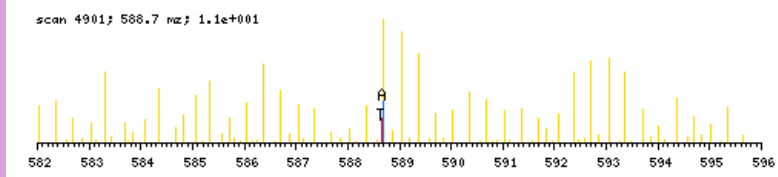
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
275.1759	2	V	14	1588.8699	794.9389
388.2600	3	L	13	1489.8015	745.4047
501.3441	4	L	12	1376.7174	688.8626
598.3968	5	P	11	1263.6334	632.3206
727.4394	6	E	10	1166.5806	583.7942
855.4980	7	Q	9	1037.5380	519.2729
942.5300	8	S	8	909.4794	455.2436
1039.5828	9	P	7	822.4474	411.7276
1096.6042	10	G	6	725.3946	363.2012
1183.6363	11	S	5	668.3732	334.6905
1346.6996	12	Y	4	581.3412	291.1745
1433.7316	13	S	3	418.2778	209.6428
1589.8579	14	K	2	331.2458	166.1268
	15	R	1	175.1195	88.0637

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

FVSSGPTNASAFTEr, MH+ 1604.8132, m/z 535.6093
 H OSG37 P180811 230811-s1.04295.04295.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

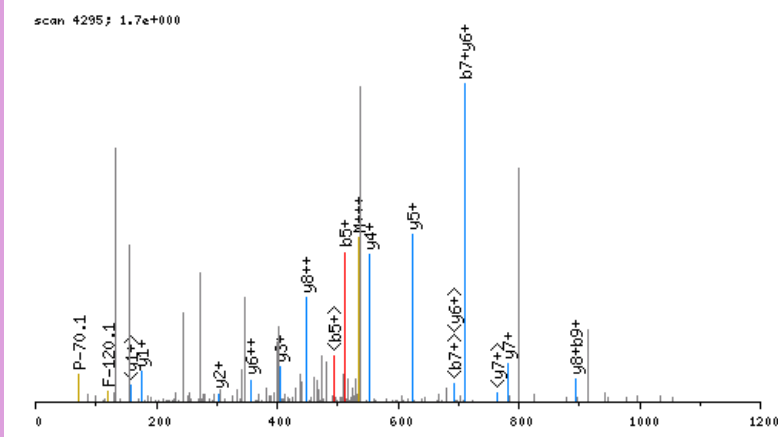
y + 2+ 3+

z + 2+ 3+

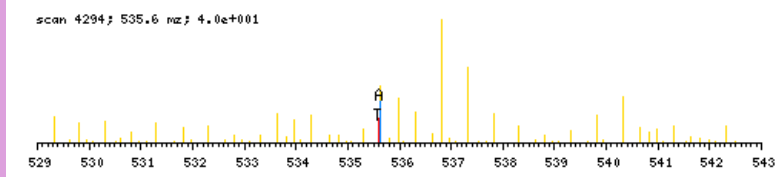
hide H₂O/NH₃

zoom 112-122

GO



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



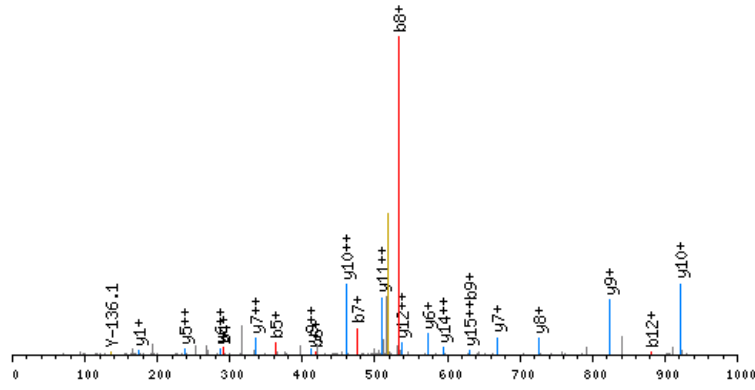
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
182.1393	1	F 15		
281.2077	2	V 14	1423.6817	712.3448
368.2398	3	S 13	1324.6133	662.8106
455.2718	4	S 12	1237.5813	619.2946
512.2932	5	G 11	1150.5493	575.7786
609.3460	6	P 10	1093.5278	547.2678
710.3937	7	T 9	996.4750	498.7414
824.4366	8	N 8	895.4274	448.2176
895.4737	9	A 7	781.3844	391.1961
982.5058	10	S 6	710.3473	355.6776
1053.5429	11	A 5	623.3153	312.1616
1200.6113	12	F 4	552.2782	276.6430
1301.6590	13	T 3	405.2098	203.1088
1430.7016	14	E 2	304.1621	152.5850
	15	R 1	175.1195	88.0637

N-term:+35.07

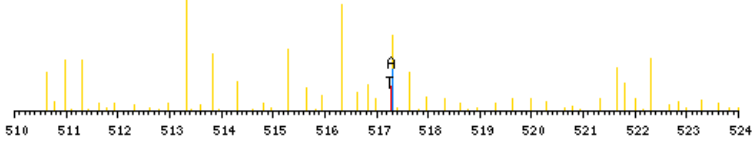
GAAGAGGGPPPGPPGAGDR, MH+ 1549.7935, m/z 517.2694
 H OSG37 P180811 230811-s1.02271.02271.3.dta

scan 2271; 3.5e+000



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

scan 2269; 517.3 m/z; 5.1e+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

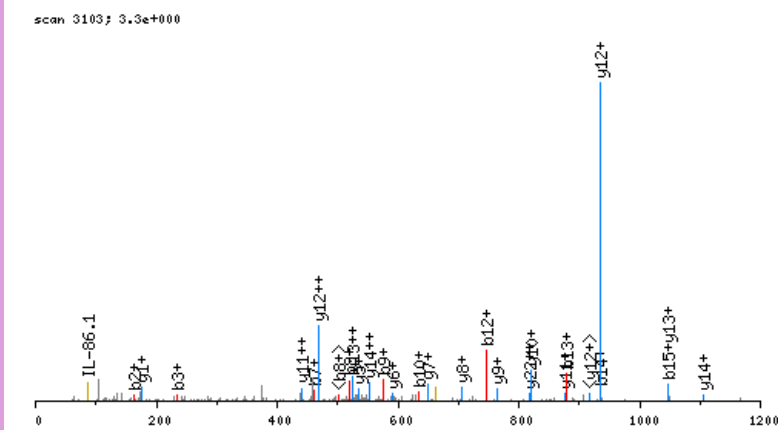
zoom 112-122

GO

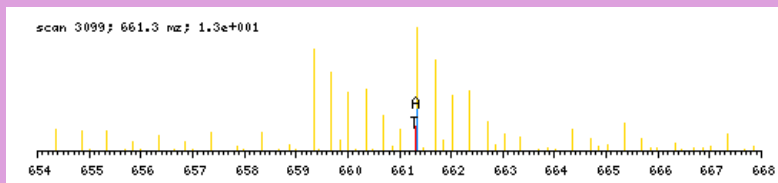
b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G	19	
163.1295	2	A	18	1458.7090 729.8584
234.1666	3	A	17	1387.6719 694.3398
291.1881	4	G	16	1316.6347 658.8213
362.2252	5	A	15	1259.6133 630.3105
419.2466	6	G	14	1188.5762 594.7920
476.2681	7	G	13	1131.5547 566.2813
533.2896	8	G	12	1074.5332 537.7705
630.3423	9	P	11	1017.5118 509.2598
727.3951	10	P	10	920.4590 460.7334
824.4479	11	P	9	823.4062 412.2070
881.4693	12	G	8	726.3535 363.6807
978.5221	13	P	7	669.3320 335.1699
1075.5748	14	P	6	572.2792 286.6435
1132.5963	15	G	5	475.2265 238.1172
1203.6334	16	A	4	418.2050 209.6064
1260.6549	17	G	3	347.1679 174.0879
1375.6818	18	D	2	290.1464 145.5771
	19	R	1	175.1195 88.0637

N-term:+35.07

GAAGGGGGGGMGLGGGGGGGTAMR, MH+ 1981.9144, m/z 661.3097
H OSG37 P180811 230811-s1.03103.03103.3.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 27		
163.1295	2	A 26	1890.8299	945.9189
234.1666	3	A 25	1819.7928	910.4003
291.1881	4	G 24	1748.7557	874.8817
348.2095	5	G 23	1691.7342	846.3710
405.2310	6	G 22	1634.7127	817.8603
462.2524	7	G 21	1577.6913	789.3496
519.2739	8	G 20	1520.6698	760.8388
576.2954	9	G 19	1463.6484	732.3281
633.3168	10	G 18	1406.6269	703.8174
690.3383	11	G 17	1349.6054	675.3066
747.3598	12	G 16	1292.5840	646.7959
878.4002	13	M 15	1235.5625	618.2852
935.4217	14	G 14	1104.5220	552.7649
1048.5058	15	L 13	1047.5006	524.2542
1105.5272	16	G 12	934.4165	467.7122
1162.5487	17	G 11	877.3950	439.2014
1219.5702	18	G 10	820.3736	410.6907
1276.5916	19	G 9	763.3521	382.1800
1333.6131	20	G 8	706.3306	353.6692
1390.6346	21	G 7	649.3092	325.1585
1447.6560	22	G 6	592.2877	296.6478
1504.6775	23	G 5	535.2662	268.1370
1605.7252	24	T 4	478.2448	239.6263
1676.7623	25	A 3	377.1971	189.1025
1807.8028	26	M 2	306.1600	153.5839
	27	R 1	175.1195	88.0637

N-term:+35.07

GAGAVGAGPVVR, MH+ 1038.6060, m/z 519.8066
 L OSG37 P180811 230811-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+

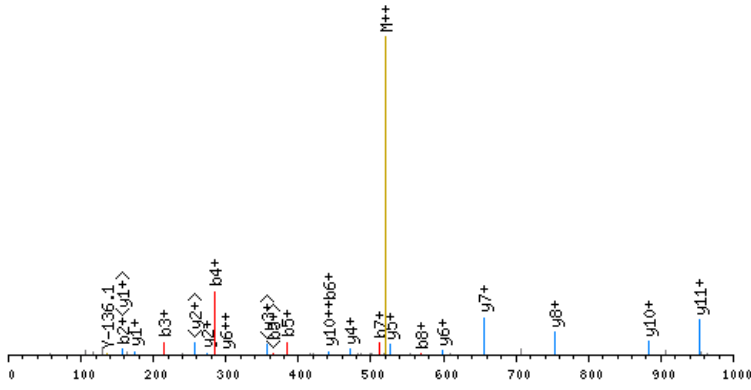
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

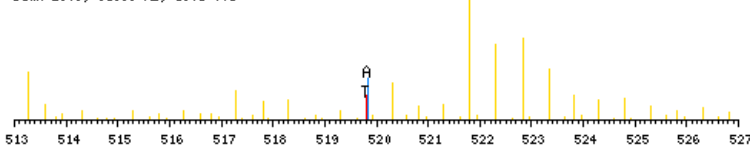
GO

scan 2511; 5.4e+000



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

scan 2509; 519.8 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	12		
157.0977	2	A	11	953.5532	477.2805
214.1191	3	G	10	882.5161	441.7620
285.1563	4	A	9	825.4947	413.2512
384.2247	5	V	8	754.4575	377.7327
441.2461	6	G	7	655.3891	328.1985
512.2832	7	A	6	598.3677	299.6877
569.3047	8	G	5	527.3306	264.1692
666.3575	9	P	4	470.3091	235.6585
765.4259	10	V	3	373.2563	187.1321
864.4943	11	V	2	274.1879	137.5979
	12	R	1	175.1195	88.0637

N-term: +29.04

GAGGALFVHR, MH+ 1012.5692, m/z 506.7882
 L OSG40 P180811 230811-s1.03015.03015.2.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+

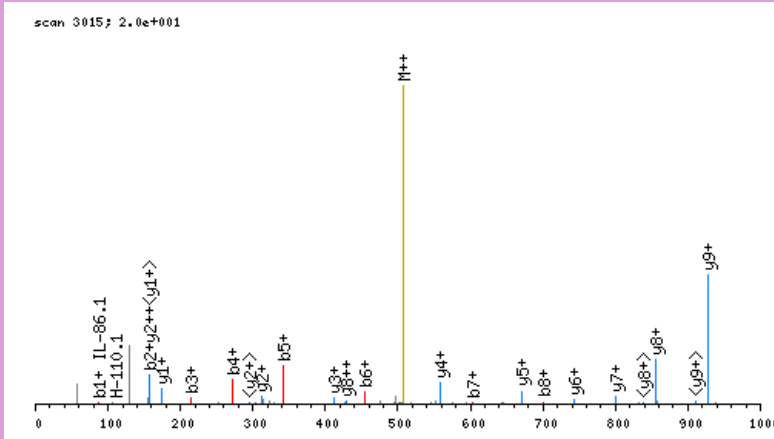
y + 2+ 3+

z + 2+ 3+

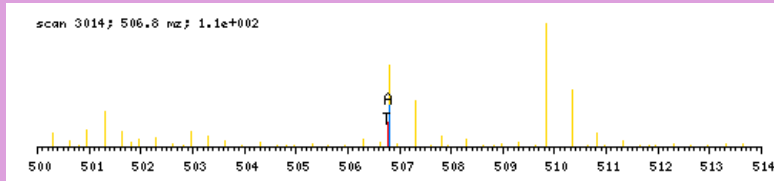
hide H₂O/NH₃

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		
157.0977	2	A	9	927.5165	464.2621
214.1191	3	G	8	856.4793	428.7436
271.1406	4	G	7	799.4579	400.2329
342.1777	5	A	6	742.4364	371.7221
455.2618	6	L	5	671.3993	336.2036
602.3302	7	F	4	558.3152	279.6615
701.3986	8	V	3	411.2468	206.1273
838.4575	9	H	2	312.1784	156.5931
	10	R	1	175.1195	88.0637

N-term: +29.04

GALTKAPVPGAQNSSQSR, MH+ 1824.9932, m/z 609.0026
 L OSG39 P180811 230811-s1.02350.02350.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

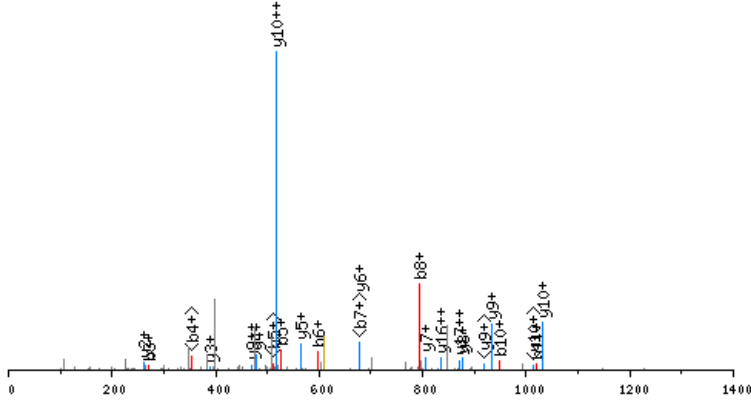
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

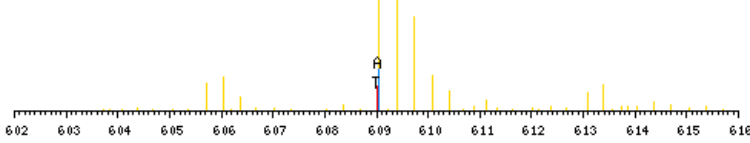
GO

scan 2350; 4.0e+000



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

scan 2349; 609.0 m/z; 3.7e+000



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

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

GAPEEADANEEGVR, MH+ 1471.6665, m/z 491.2270
 L OSG37 P180811 230811-s1.02227.02227.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

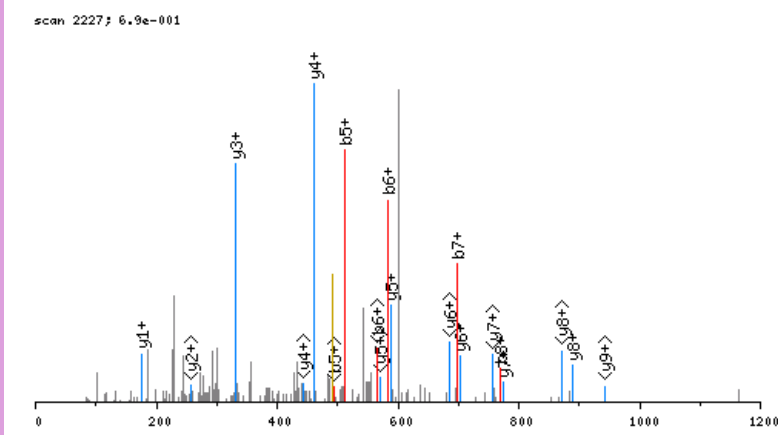
y + 2+ 3+

z + 2+ 3+

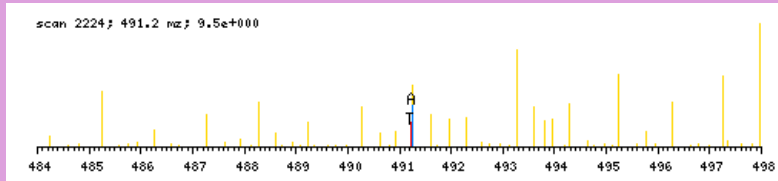
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
157.0977	2	A 13	1386.6137	693.8108
254.1504	3	P 12	1315.5766	658.2922
383.1930	4	E 11	1218.5238	609.7658
512.2356	5	E 10	1089.4813	545.2445
583.2727	6	A 9	960.4387	480.7232
698.2997	7	D 8	889.4015	445.2047
769.3368	8	A 7	774.3746	387.6912
883.3797	9	N 6	703.3375	352.1727
1012.4223	10	E 5	589.2946	295.1512
1141.4649	11	E 4	460.2520	230.6299
1198.4864	12	G 3	331.2094	166.1086
1297.5548	13	V 2	274.1879	137.5979
	14	R 1	175.1195	88.0637

N-term:+29.04

GAPQGS LG EYL FER, MH+ 1551.7807, m/z 517.9318
 L OSG37 P180811 230811-s1.07170.07170.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

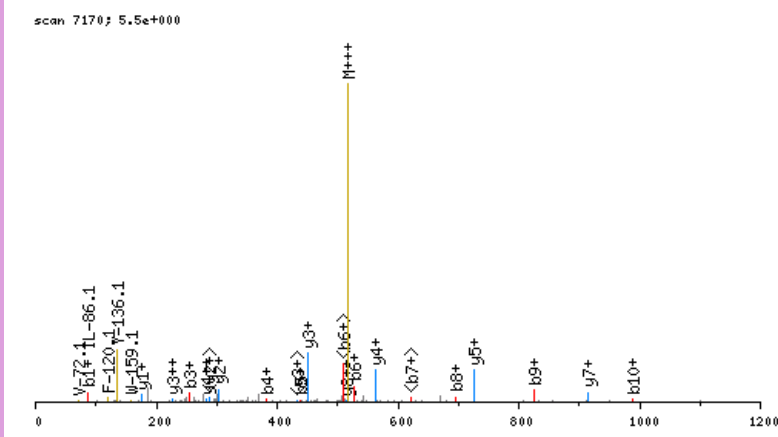
y + 2+ 3+

z + 2+ 3+

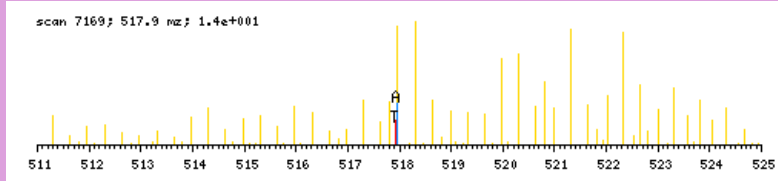
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
157.0977	2	A 13	1466.7280	733.8679
254.1504	3	P 12	1395.6909	698.3493
382.2090	4	Q 11	1298.6381	649.8230
439.2305	5	G 10	1170.5795	585.7937
526.2625	6	S 9	1113.5580	557.2829
639.3466	7	L 8	1026.5260	513.7669
696.3680	8	G 7	913.4420	457.2249
825.4106	9	E 6	856.4205	428.7142
988.4740	10	Y 5	727.3779	364.1929
1101.5580	11	L 4	564.3146	282.6612
1248.6264	12	F 3	451.2305	226.1192
1377.6690	13	E 2	304.1621	152.5850
	14	R 1	175.1195	88.0637

N-term:+29.04

GAPSASVAAAPAPAR, MH+ 1327.7546, m/z 443.2564
 H OSG37 P180811 230811-s1.02666.02666.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

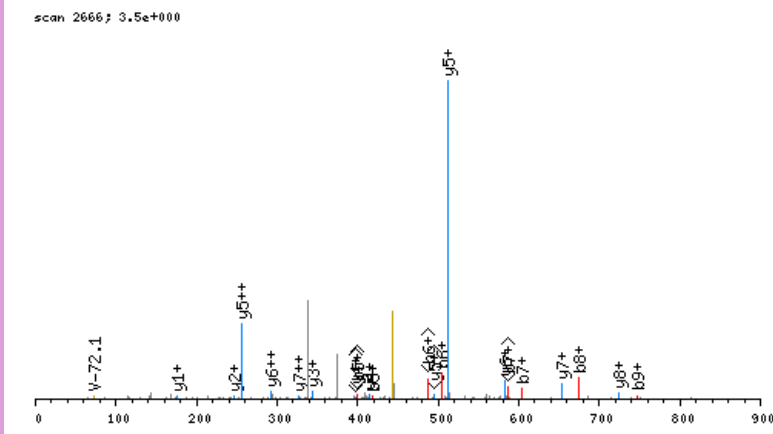
y + 2+ 3+

z + 2+ 3+

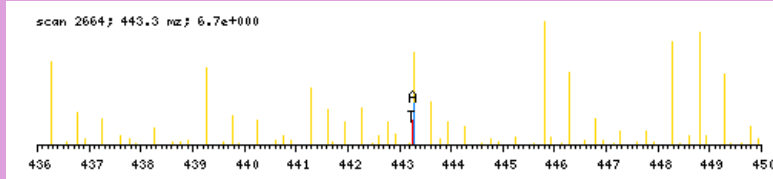
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
163.1295	2	A 14	1236.6701	618.8389
260.1822	3	P 13	1165.6329	583.3204
347.2143	4	S 12	1068.5802	534.7940
418.2514	5	A 11	981.5482	491.2780
505.2834	6	S 10	910.5110	455.7594
604.3518	7	V 9	823.4790	412.2434
675.3889	8	A 8	724.4106	362.7092
746.4261	9	A 7	653.3735	327.1907
817.4632	10	A 6	582.3364	291.6721
914.5159	11	P 5	511.2993	256.1535
985.5530	12	A 4	414.2465	207.6272
1082.6058	13	P 3	343.2094	172.1086
1153.6429	14	A 2	246.1566	123.5822
	15	R 1	175.1195	88.0637

N-term:+35.07

GASAGGLAADASR, MH+ 1137.6076, m/z 569.3074
 H OSG37 P180811 230811-s1.02281.02281.2.dta

scan 2281; 4.8e+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+

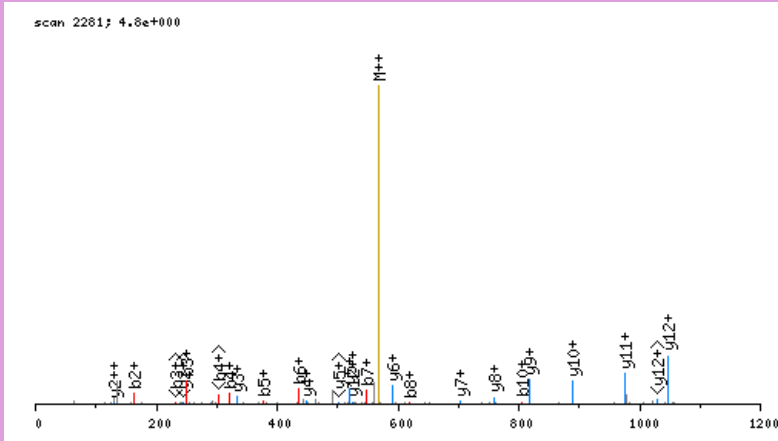
y + 2+ 3+

z + 2+ 3+

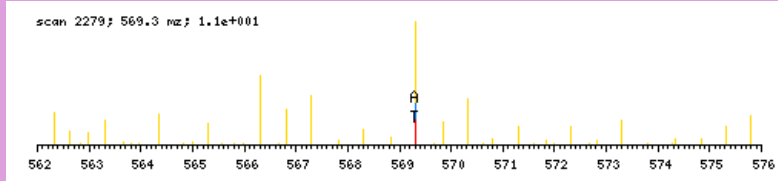
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
163.1295	2	A	12	1046.5231	523.7654
250.1615	3	S	11	975.4859	488.2469
321.1986	4	A	10	888.4539	444.7309
378.2201	5	G	9	817.4168	409.2123
435.2415	6	G	8	760.3953	380.7016
548.3256	7	L	7	703.3739	352.1909
619.3627	8	A	6	590.2898	295.6488
690.3998	9	A	5	519.2527	260.1303
805.4268	10	D	4	448.2156	224.6117
876.4639	11	A	3	333.1886	167.0982
963.4959	12	S	2	262.1515	131.5797
	13	R	1	175.1195	88.0637

N-term:+35.07

GASQAGMLAPGTR, MH+ 1244.6421, m/z 622.8247
 L OSG37 P180811 230811-s1.02818.02818.2.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+

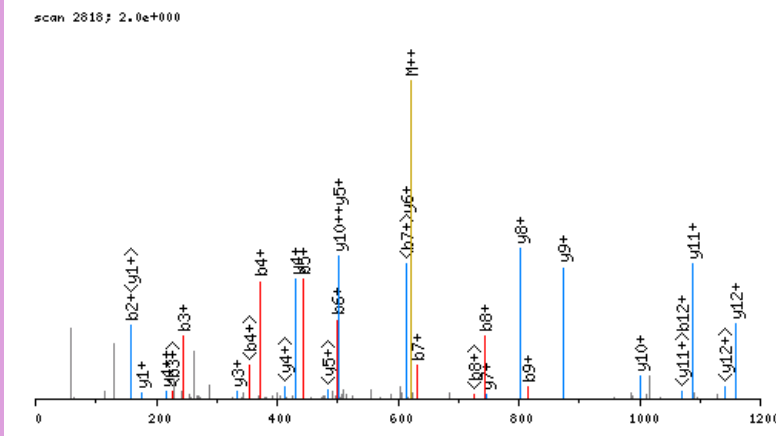
y + 2+ 3+

z + 2+ 3+

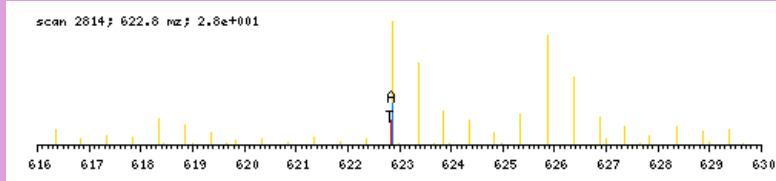
hide H₂O/NH₃

zoom 112-122

GO



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



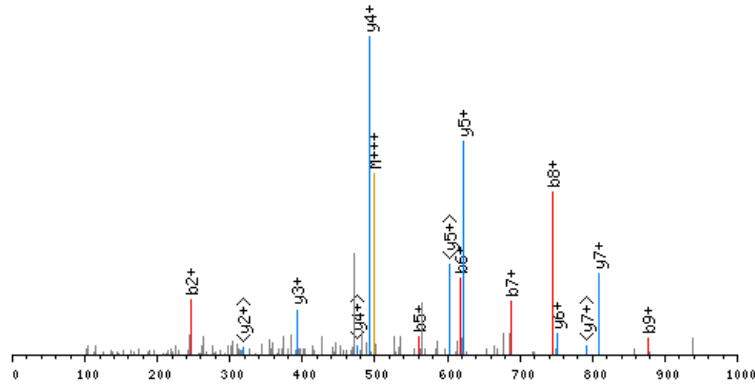
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 13		
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

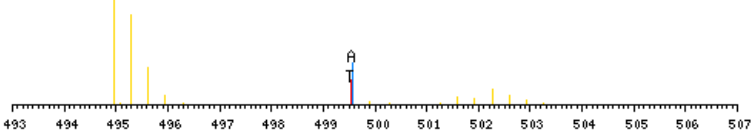
GCPGCGAGMQTGCR, MH+ 1496.5865, m/z 499.5337
 L OSG38 P180811 230811-s1.02071.02071.3.dta

scan 2071; 1.0e+000



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

scan 2070; 499.5 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

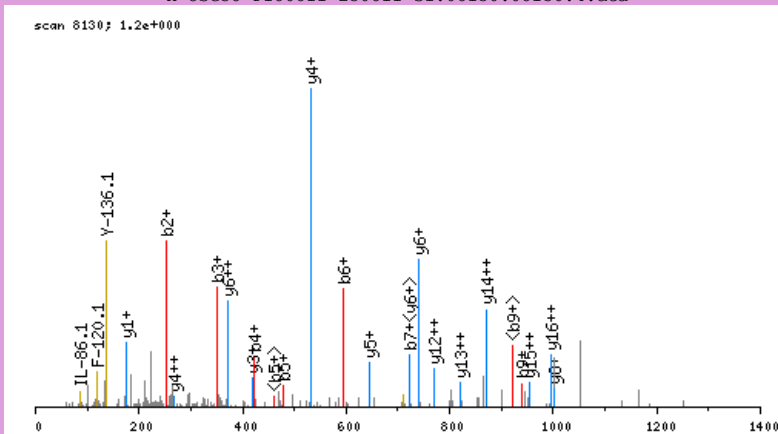
zoom 112-122

GO

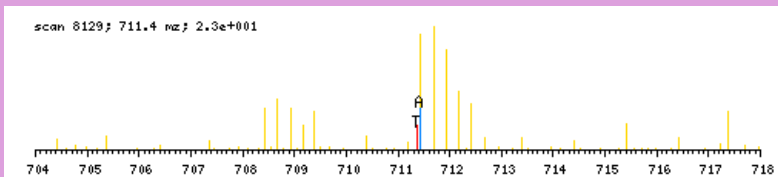
b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 14		
246.0912	2	C 13	1411.5338	706.2708
343.1439	3	P 12	1251.5032	626.2555
400.1654	4	G 11	1154.4504	577.7291
560.1960	5	C 10	1097.4289	549.2184
617.2175	6	G 9	937.3983	469.2031
688.2546	7	A 8	880.3769	440.6924
745.2760	8	G 7	809.3398	405.1738
876.3165	9	M 6	752.3183	376.6631
1004.3751	10	Q 5	621.2778	311.1428
1105.4228	11	T 4	493.2192	247.1135
1162.4442	12	G 3	392.1716	196.5897
1322.4748	13	C 2	335.1501	168.0790
	14	R 1	175.1195	88.0637

N-term:+29.04 C(2):+160.03
 C(5):+160.03 C(13):+160.03

GCVAGDEESYTVFKDLFDPIIQDR, MH+ 2842.4245, m/z 711.3616
 H OSG38 P180811 230811-s1.08130.08130.4.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	24		
252.1230	2	C	23	2751.3400	1376.1739
351.1914	3	V	22	2591.3094	1296.1586
422.2285	4	A	21	2492.2409	1246.6244
479.2500	5	G	20	2421.2038	1211.1058
594.2769	6	D	19	2364.1824	1182.5951
723.3195	7	E	18	2249.1554	1125.0816
852.3621	8	E	17	2120.1128	1060.5603
939.3941	9	S	16	1991.0702	996.0390
1102.4574	10	Y	15	1904.0382	952.5230
1203.5051	11	T	14	1740.9749	870.9914
1302.5735	12	V	13	1639.9272	820.4675
1449.6419	13	F	12	1540.8588	770.9333
1611.8000	14	K	11	1393.7904	697.3991
1726.8270	15	D	10	1231.6323	616.3201
1839.9111	16	L	9	1116.6053	558.8066
1986.9795	17	F	8	1003.5213	502.2645
2102.0064	18	D	7	856.4529	428.7303
2199.0592	19	P	6	741.4259	371.2169
2312.1432	20	I	5	644.3731	322.6905
2425.2273	21	I	4	531.2891	266.1485
2553.2859	22	Q	3	418.2050	209.6064
2668.3128	23	D	2	290.1464	145.5771
	24	R	1	175.1195	88.0637

N-term:+35.07 C(2):+160.03
 K(14):+162.16

GDEAATLLENLASER, MH+ 1616.8131, m/z 539.6092
 L OSG40 P180811 230811-s1.01915.01915.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

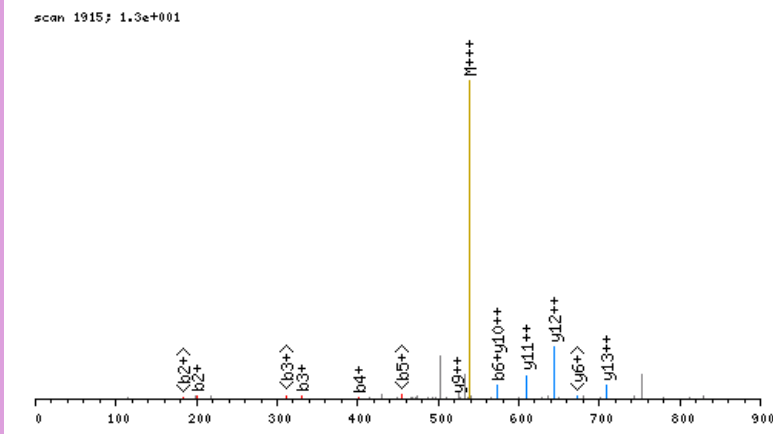
y + 2+ 3+

z + 2+ 3+

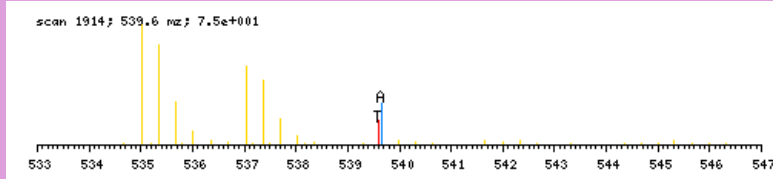
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
201.0875	2	D 14	1531.7604	766.3841
330.1301	3	E 13	1416.7334	708.8706
401.1672	4	A 12	1287.6909	644.3493
472.2043	5	A 11	1216.6537	608.8308
573.2520	6	T 10	1145.6166	573.3122
686.3361	7	L 9	1044.5689	522.7884
799.4201	8	L 8	931.4849	466.2464
928.4627	9	E 7	818.4008	409.7043
1042.5057	10	N 6	689.3582	345.1830
1155.5897	11	L 5	575.3153	288.1616
1226.6268	12	A 4	462.2312	231.6195
1313.6589	13	S 3	391.1941	196.1010
1442.7015	14	E 2	304.1621	152.5850
	15	R 1	175.1195	88.0637

N-term:+29.04

GDFAIISLYR, MH+ 1069.5682, m/z 535.2877
 L OSG38 P180811 230811-s1.06157.06157.2.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+

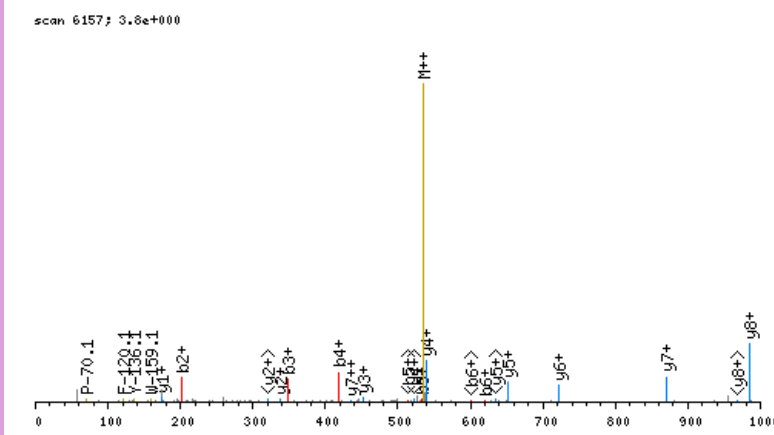
y + 2+ 3+

z + 2+ 3+

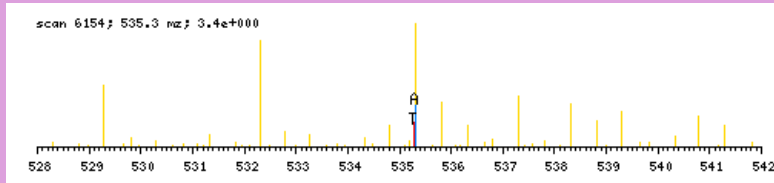
hide H₂O/NH₃

zoom 112-122

GO



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



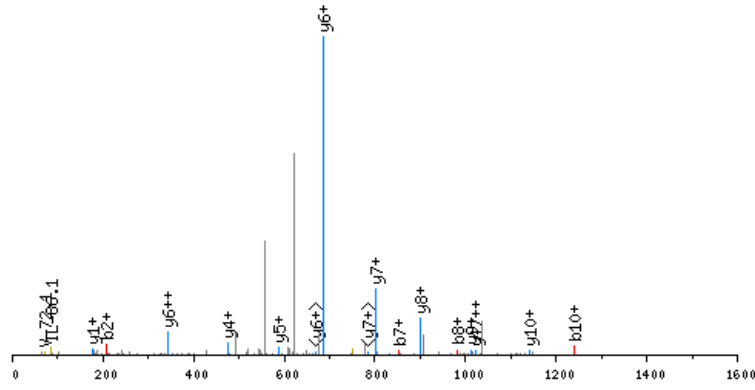
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G	9	
201.0875	2	D	8	984.5155
348.1559	3	F	7	869.4885
419.1930	4	A	6	722.4201
532.2771	5	I	5	651.3830
619.3091	6	S	4	538.2989
732.3932	7	L	3	451.2669
895.4565	8	Y	2	338.1828
	9	R	1	175.1195

N-term:+29.04

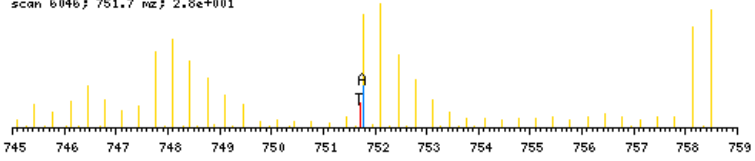
GDPKEEEEEELVDPLTTVR, MH+ 2253.1774, m/z 751.7307
 H OSG39 P180811 230811-s1.06048.06048.3.dta

scan 6048; 1.5e+001



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

scan 6046; 751.7 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⁺
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

GDRGETGPAGPAGPIGPAGAR, MH+ 1894.9947, m/z 632.3364
 H OSG40 P180811 230811-s1.03243.03243.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

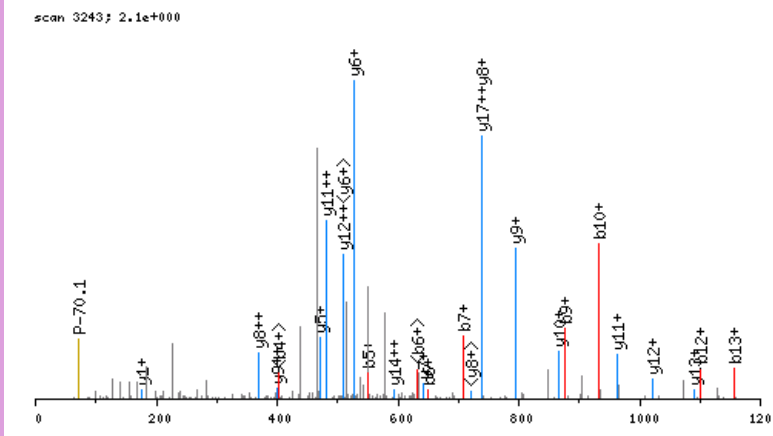
y + 2+ 3+

z + 2+ 3+

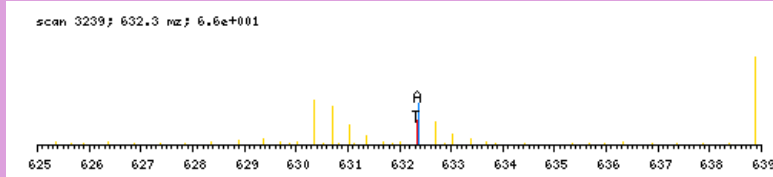
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
207.1193	2	D 20	1803.9102	902.4590
363.2204	3	R 19	1688.8832	844.9455
420.2419	4	G 18	1532.7821	766.8950
549.2845	5	E 17	1475.7607	738.3842
650.3322	6	T 16	1346.7181	673.8629
707.3536	7	G 15	1245.6704	623.3391
804.4064	8	P 14	1188.6489	594.8284
875.4435	9	A 13	1091.5962	546.3020
932.4650	10	G 12	1020.5591	510.7834
1029.5177	11	P 11	963.5376	482.2727
1100.5548	12	A 10	866.4848	433.7463
1157.5763	13	G 9	795.4477	398.2278
1254.6291	14	P 8	738.4262	369.7170
1367.7131	15	I 7	641.3735	321.1907
1424.7346	16	G 6	528.2894	264.6486
1521.7874	17	P 5	471.2680	236.1379
1592.8245	18	A 4	374.2152	187.6115
1649.8459	19	G 3	303.1781	152.0930
1720.8830	20	A 2	246.1566	123.5822
	21	R 1	175.1195	88.0637

N-term:+35.07

GDSTVNTEASATASAPR, MH+ 1591.7563, m/z 531.2570
 L OSG37 P180811 230811-s1.02330.02330.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

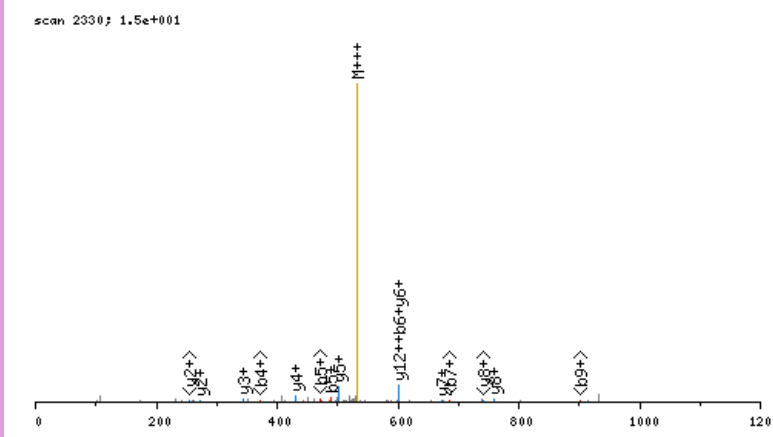
y + 2+ 3+

z + 2+ 3+

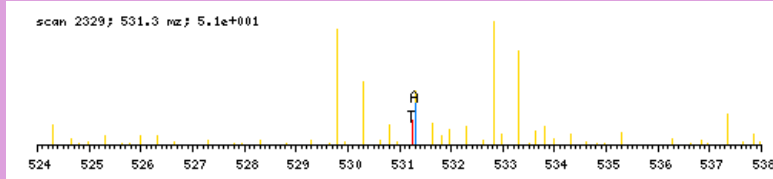
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
201.0875	2	D 15	1506.7036	753.8557
288.1195	3	S 14	1391.6767	696.3422
389.1672	4	T 13	1304.6446	652.8262
488.2356	5	V 12	1203.5970	602.3024
602.2786	6	N 11	1104.5285	552.7682
703.3262	7	T 10	990.4856	495.7467
832.3688	8	E 9	889.4379	445.2229
919.4009	9	S 8	760.3953	380.7016
990.4380	10	A 7	673.3633	337.1856
1091.4856	11	T 6	602.3262	301.6670
1162.5228	12	A 5	501.2785	251.1432
1249.5548	13	S 4	430.2414	215.6246
1320.5919	14	A 3	343.2094	172.1086
1417.6447	15	P 2	272.1723	136.5900
	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+

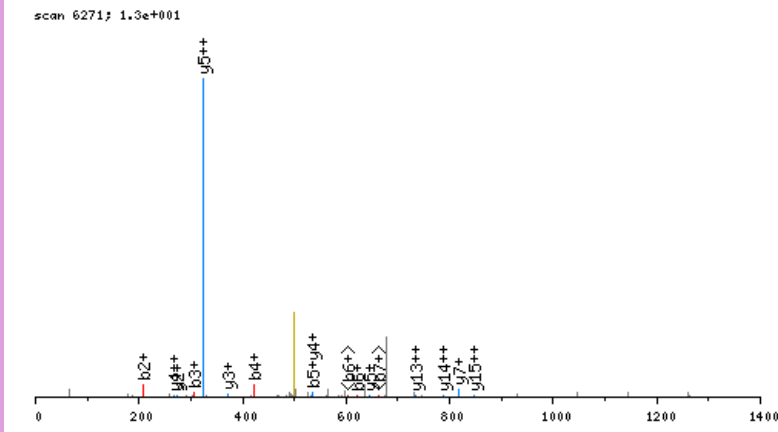
y + 2+ 3+

z + 2+ 3+

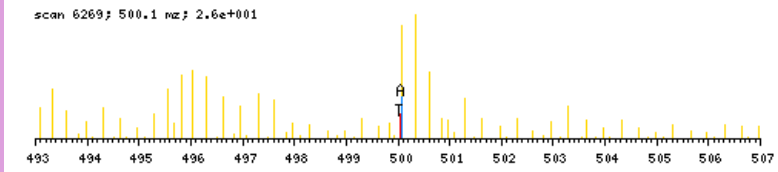
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

GDVFPVVADPTVPNVTVTR, MH+ 1864.0180, m/z 622.0108
 L OSG36 P180811 230811-s1.04376.04376.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

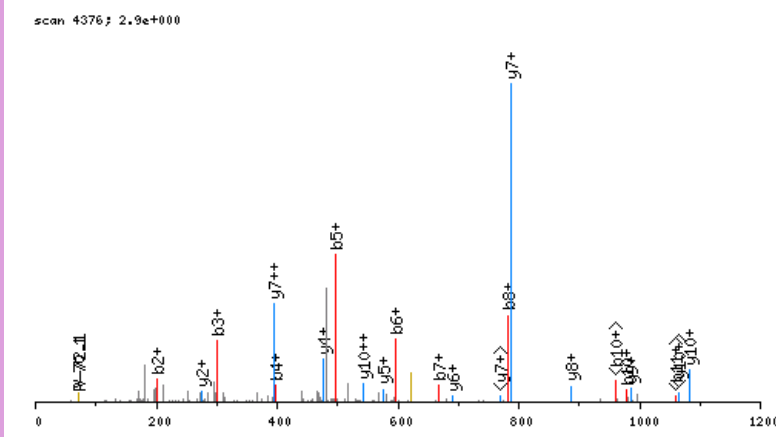
y + 2+ 3+

z + 2+ 3+

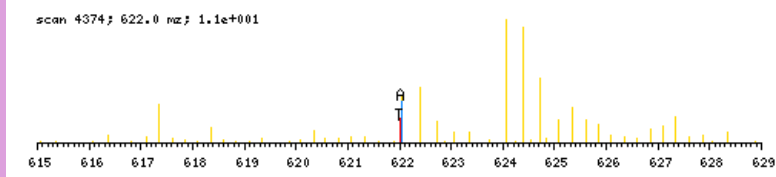
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
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+ 1964.8255, m/z 655.6134
 L OSG37 P180811 230811-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+

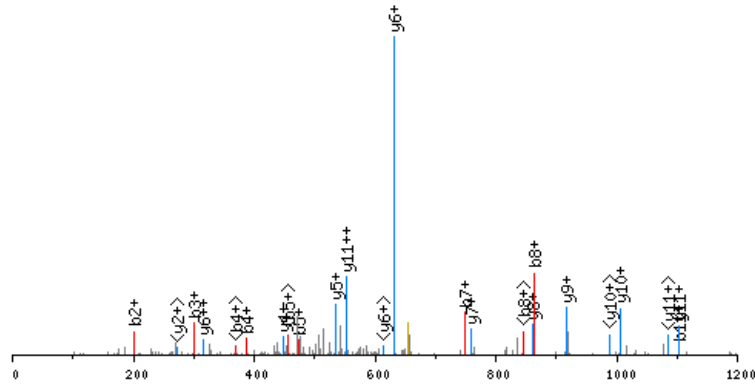
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

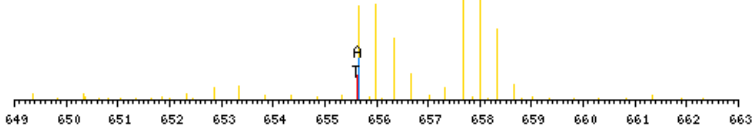
GO

scan 2105; 2.4e+000



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

scan 2104; 655.6 m/z; 8.8e+000



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

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 19		
201.0875	2	D 18	1879.7728	940.3903
300.1559	3	V 17	1764.7458	882.8768
387.1879	4	S 16	1665.6774	833.3426
474.2200	5	S 15	1578.6454	789.8266
634.2506	6	C 14	1491.6134	746.3106
749.2775	7	D 13	1331.5828	666.2953
863.3204	8	N 12	1216.5558	608.7818
960.3732	9	P 11	1102.5129	551.7604
1047.4052	10	S 10	1005.4601	503.2340
1104.4267	11	G 9	918.4281	459.7180
1205.4744	12	T 8	861.4066	431.2072
1334.5170	13	E 7	760.3590	380.6834
1431.5697	14	P 6	631.3164	316.1621
1518.6018	15	S 5	534.2636	267.6357
1575.6232	16	G 4	447.2316	224.1197
1676.6709	17	T 3	390.2101	195.6090
1790.7138	18	N 2	289.1624	145.0851
	19	R 1	175.1195	88.0637

N-term:+29.04 C(6):+160.03

GEEQGADAALHFNPR, MH+ 1645.8146, m/z 549.2764
 H OSG40 P180811 230811-s1.04635.04635.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

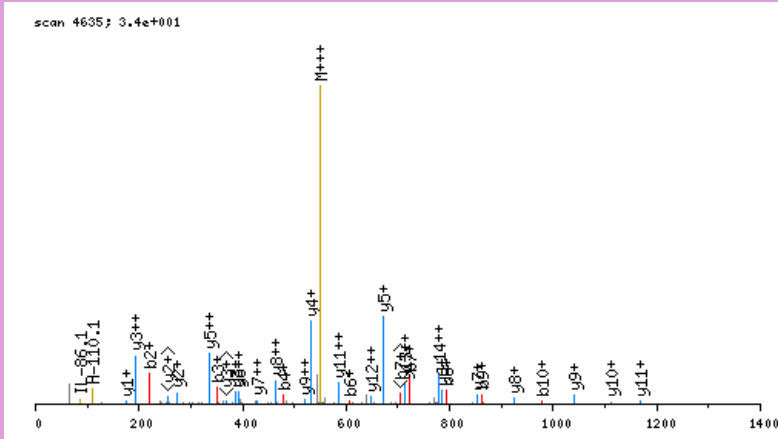
y + 2+ 3+

z + 2+ 3+

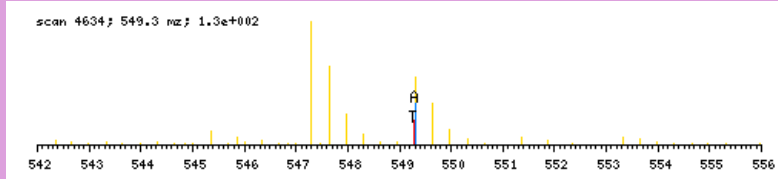
hide H₂O/NH₃

zoom 112-122

GO



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



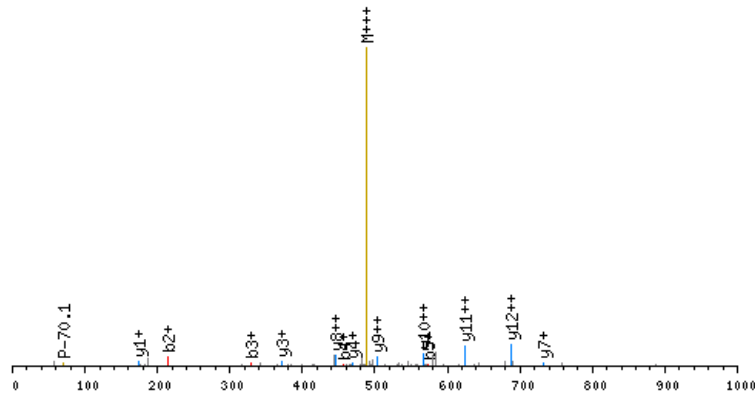
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G	15	
221.1350	2	E	14	1554.7301
350.1776	3	E	13	1425.6875
478.2361	4	Q	12	1296.6449
535.2576	5	G	11	1168.5863
606.2947	6	A	10	1111.5649
721.3216	7	D	9	1040.5278
792.3588	8	A	8	925.5008
863.3959	9	A	7	854.4637
976.4799	10	L	6	783.4266
1113.5389	11	H	5	670.3425
1260.6073	12	F	4	533.2836
1374.6502	13	N	3	386.2152
1471.7030	14	P	2	272.1723
	15	R	1	175.1195

N-term:+35.07

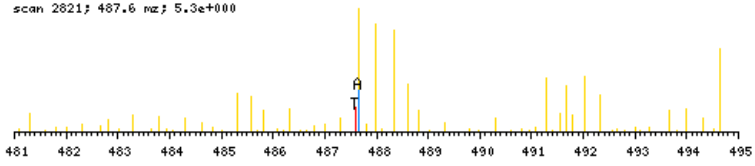
GELEDKPPAPPVR, MH+ 1460.8113, m/z 487.6086
 L OSG39 P180811 230811-s1.02823.02823.3.dta

scan 2823; 1.0e+001



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

scan 2821; 487.6 m/z; 5.3e+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

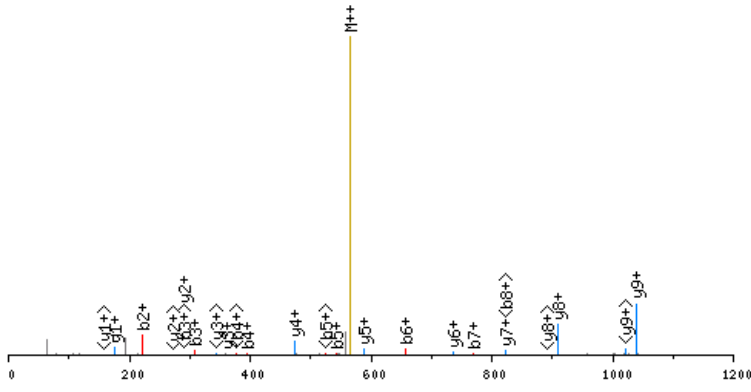
GO

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 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

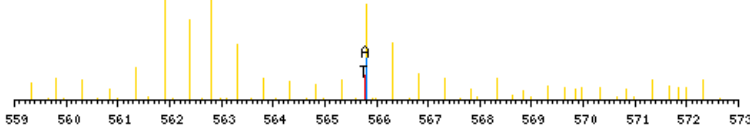
GESSFDLADR, MH+ 1130.5542, m/z 565.7807
 H OSG37 P180811 230811-s1.03942.03942.2.dta

scan 3942; 1.4e+001



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

scan 3939; 565.8 m/z; 3.3e+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⁺
92.0924	1	G	10		
221.1350	2	E	9	1039.4696	520.2387
308.1670	3	S	8	910.4270	455.7174
395.1990	4	S	7	823.3950	412.2014
542.2674	5	F	6	736.3630	368.6854
657.2944	6	D	5	589.2946	295.1512
770.3784	7	L	4	474.2676	237.6377
841.4155	8	A	3	361.1836	181.0957
956.4425	9	D	2	290.1464	145.5771
	10	R	1	175.1195	88.0637

N-term:+35.07

GETPTEKLPFPIIDDKGR, MH+ 2115.2550, m/z 529.5692
 H OSG40 P180811 230811-s1.07081.07081.4.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+

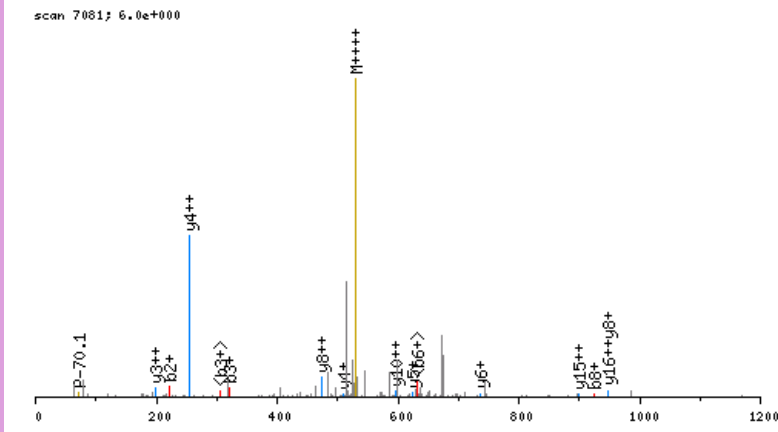
y + 2+ 3+

z + 2+ 3+

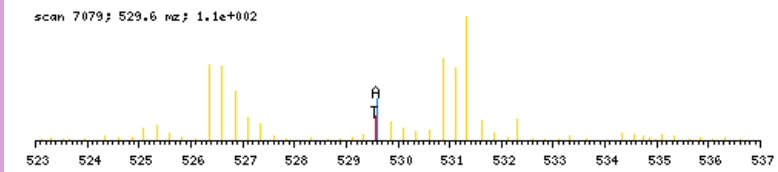
hide H₂O/NH₃

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		
221.1350	2	E	17	2024.1705	1012.5892
322.1826	3	T	16	1895.1279	948.0679
419.2354	4	P	15	1794.0802	897.5440
520.2831	5	T	14	1697.0275	849.0176
649.3257	6	E	13	1595.9798	798.4938
811.4838	7	K	12	1466.9372	733.9725
924.5678	8	L	11	1304.7791	652.8935
1021.6206	9	P	10	1191.6950	596.3514
1168.6890	10	F	9	1094.6423	547.8250
1265.7418	11	P	8	947.5738	474.2908
1378.8258	12	I	7	850.5211	425.7645
1491.9099	13	I	6	737.4370	369.2224
1606.9368	14	D	5	624.3530	312.6804
1721.9638	15	D	4	509.3260	255.1669
1884.1219	16	K	3	394.2991	197.6534
1941.1434	17	G	2	232.1410	116.5744
	18	R	1	175.1195	88.0637

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

GETTTQGLDGLSER, MH+ 1491.7291, m/z 497.9145
 L OSG37 P180811 230811-s1.03793.03793.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

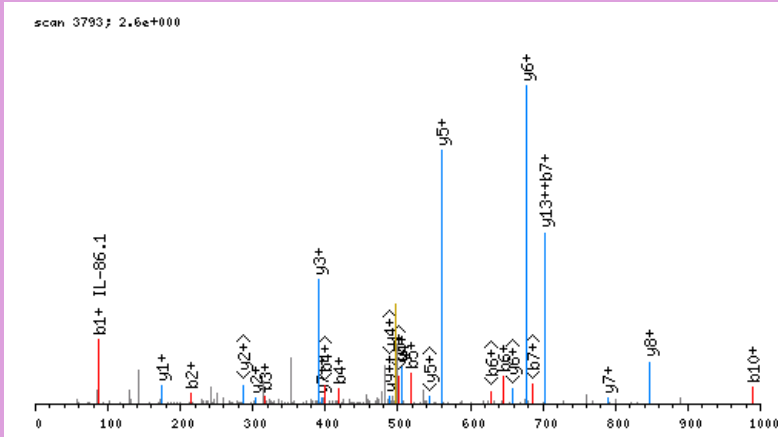
y + 2+ 3+

z + 2+ 3+

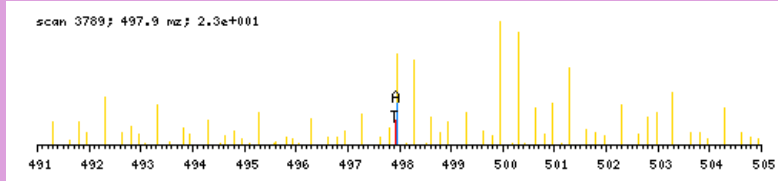
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	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

GEVVDCTIKTDPVTGR, MH+ 1814.9958, m/z 605.6701
 H OSG39 P180811 230811-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+

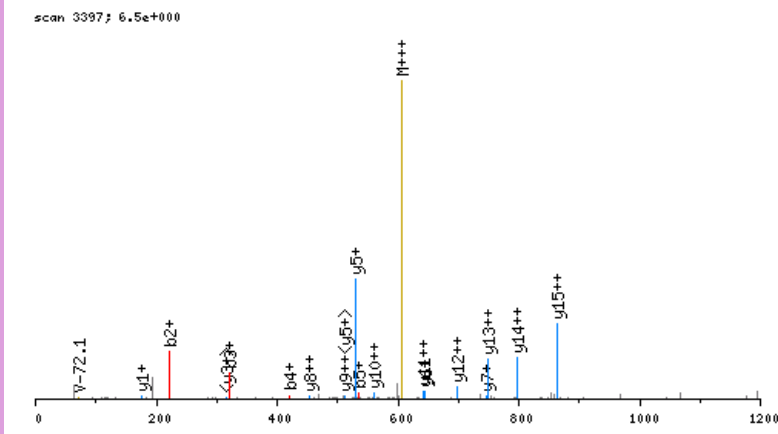
y + 2+ 3+

z + 2+ 3+

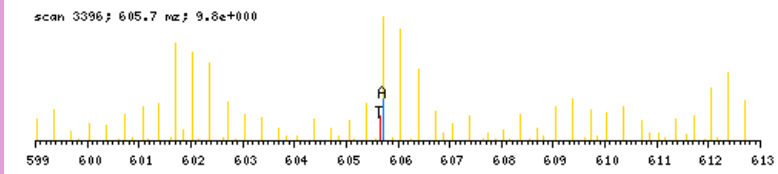
hide H₂O/NH₃

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⁺
92.0924	1	G	16		
221.1350	2	E	15	1723.9112	862.4595
320.2034	3	V	14	1594.8687	797.9382
419.2718	4	V	13	1495.8002	748.4040
534.2987	5	D	12	1396.7318	698.8698
694.3293	6	C	11	1281.7049	641.3564
795.3770	7	T	10	1121.6743	561.3411
908.4611	8	I	9	1020.6266	510.8172
1070.6192	9	K	8	907.5425	454.2752
1171.6668	10	T	7	745.3844	373.1961
1286.6938	11	D	6	644.3368	322.6723
1383.7466	12	P	5	529.3098	265.1588
1482.8150	13	V	4	432.2571	216.6324
1583.8626	14	T	3	333.1886	167.0982
1640.8841	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

GEYDVTVPR, MH+ 1069.5742, m/z 535.2907
 H OSG37 P180811 230811-s1.03796.03796.2.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+

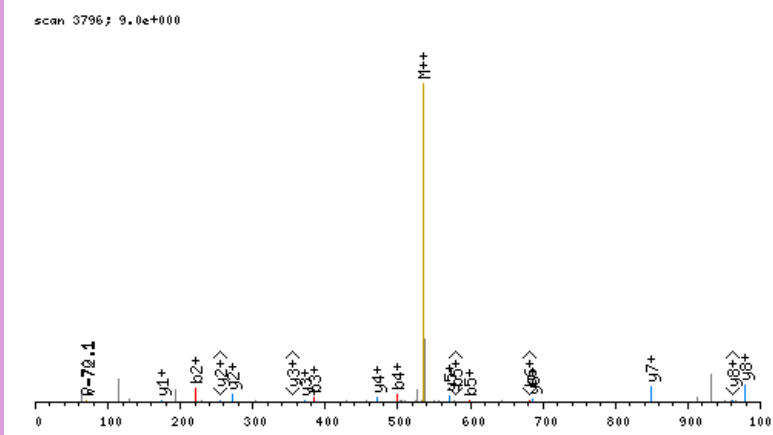
y + 2+ 3+

z + 2+ 3+

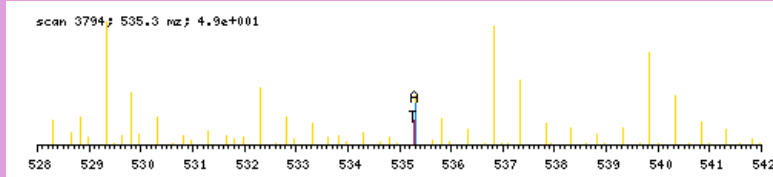
hide H₂O/NH₃

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	9	
221.1350	2	E	8	489.7487
384.1983	3	Y	7	425.2274
499.2252	4	D	6	343.6958
598.2936	5	V	5	286.1823
699.3413	6	T	4	236.6481
798.4097	7	V	3	186.1243
895.4625	8	P	2	136.5900
	9	R	1	88.0637

N-term:+35.07

GFCSGSGR, MH+ 861.4100, m/z 431.2087
 H OSG41 P180811 230811-s1.04176.04176.2.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+

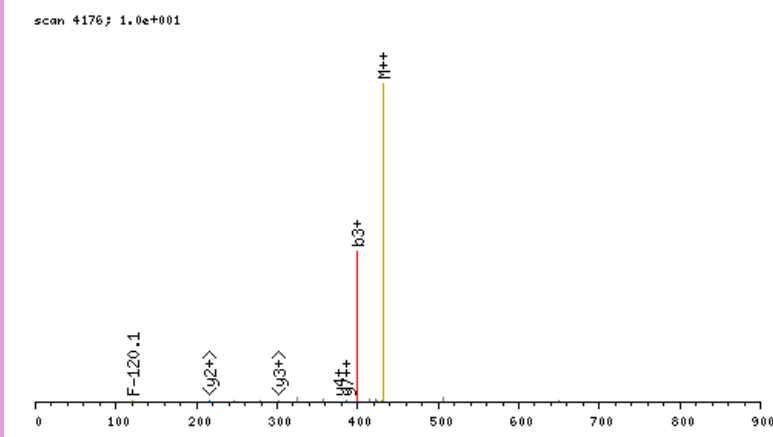
y + 2+ 3+

z + 2+ 3+

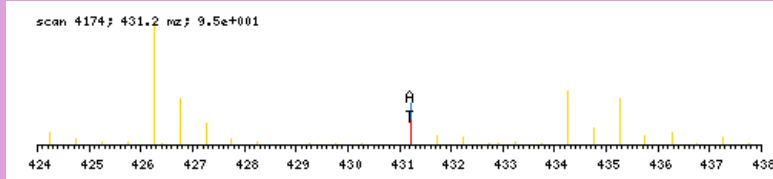
hide H₂O/NH₃

zoom 112-122

GO



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



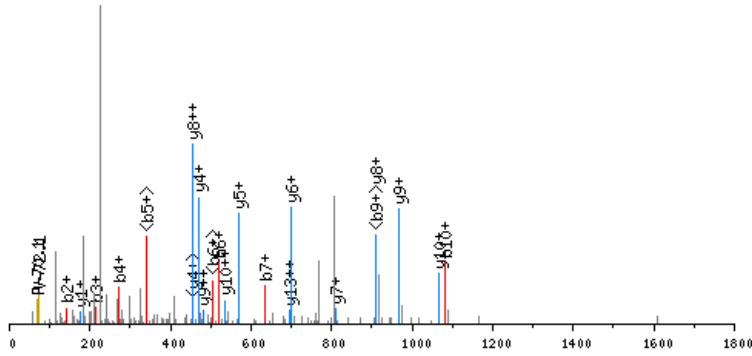
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 8		
239.1608	2	F 7	770.3255	385.6667
399.1914	3	C 6	623.2571	312.1325
486.2234	4	S 5	463.2265	232.1172
543.2449	5	G 4	376.1945	188.6011
630.2769	6	S 3	319.1730	160.0904
687.2984	7	G 2	232.1410	116.5744
	8	R 1	175.1195	88.0637

N-term:+35.07 C(3):+160.03

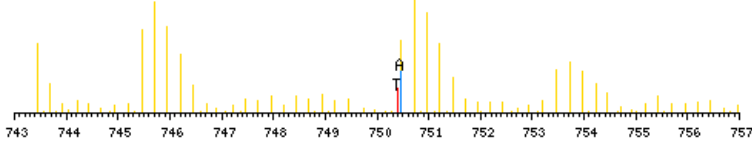
GGAGSYIYEKPKQTEAPQVTGPIEVPVVR, MH+ 2998.5890, m/z 750.4027
 L_OSG38_P180811_230811-s1.06660.06660.4.dta

scan 6660; 1.2e+000



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

scan 6659; 750.4 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⁺
86.0606	1	G 28		
143.0820	2	G 27	2913.5362	1457.2720
214.1191	3	A 26	2856.5148	1428.7613
271.1406	4	G 25	2785.4777	1393.2427
358.1726	5	S 24	2728.4562	1364.7320
521.2360	6	Y 23	2641.4242	1321.2160
634.3200	7	I 22	2478.3608	1239.6843
797.3834	8	Y 21	2365.2768	1183.1423
926.4259	9	E 20	2202.2134	1101.6106
1082.5522	10	K 19	2073.1709	1037.0893
1179.6050	11	P 18	1917.0446	959.0262
1307.6636	12	Q 17	1819.9918	910.4998
1408.7113	13	T 16	1691.9332	846.4705
1537.7539	14	E 15	1590.8855	795.9467
1608.7910	15	A 14	1461.8429	731.4254
1705.8437	16	P 13	1390.8058	695.9068
1833.9023	17	Q 12	1293.7531	647.3804
1932.9707	18	V 11	1165.6945	583.3512
2034.0184	19	T 10	1066.6261	533.8169
2091.0399	20	G 9	965.5784	483.2931
2188.0926	21	P 8	908.5569	454.7824
2301.1767	22	I 7	811.5042	406.2560
2430.2193	23	E 6	698.4201	349.7140
2529.2877	24	V 5	569.3775	285.1927
2626.3405	25	P 4	470.3091	235.6585
2725.4089	26	V 3	373.2563	187.1321
2824.4773	27	V 2	274.1879	137.5979
	28	R 1	175.1195	88.0637

N-term:+29.04 K(10) :+156.13

GGGGNFGPGPGSNFR, MH+ 1405.6613, m/z 469.2253
 L OSG38 P180811 230811-s1.03785.03785.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

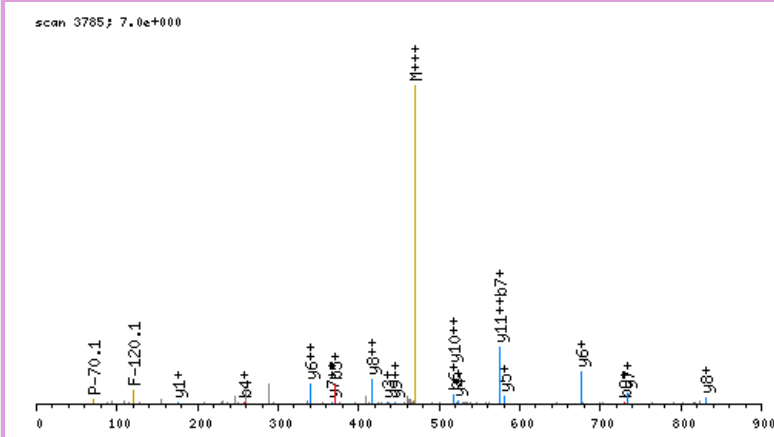
y + 2+ 3+

z + 2+ 3+

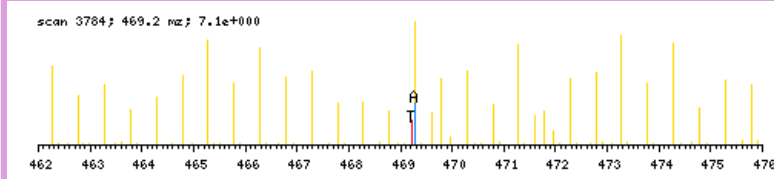
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

GGHGAEYGAELER, MH+ 1450.7139, m/z 484.2428
 H OSG40 P180811 230811-s1.02960.02960.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

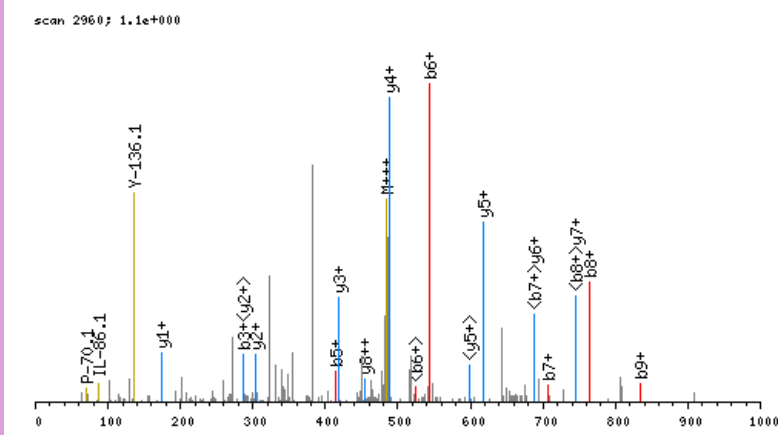
y + 2+ 3+

z + 2+ 3+

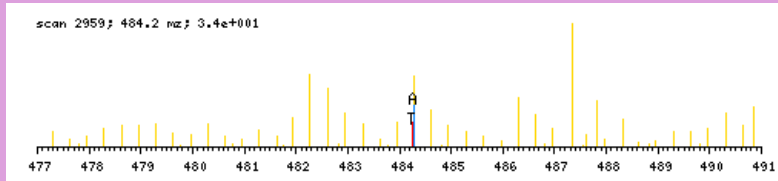
hide H₂O/NH₃

zoom 112-122

GO



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

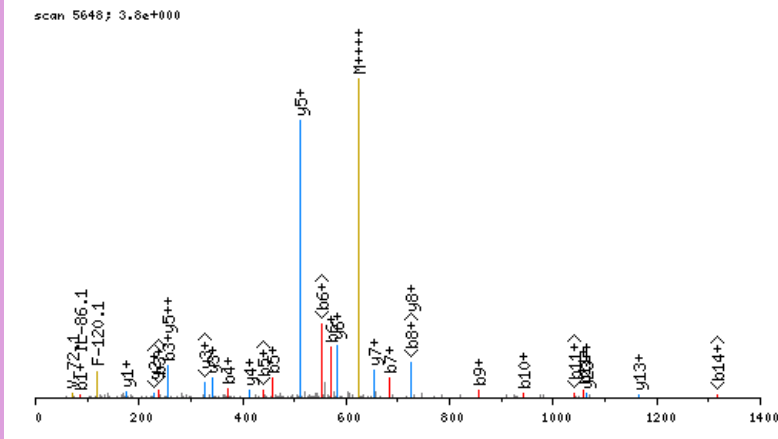


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

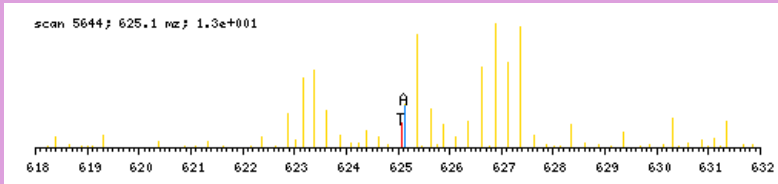
b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 14		
149.1138	2	G 13	1359.6293	680.3186
286.1727	3	H 12	1302.6079	651.8078
343.1942	4	G 11	1165.5489	583.2784
414.2313	5	A 10	1108.5275	554.7677
543.2739	6	E 9	1037.4904	519.2491
706.3372	7	Y 8	908.4478	454.7278
763.3587	8	G 7	745.3844	373.1961
834.3958	9	A 6	688.3630	344.6854
963.4384	10	E 5	617.3259	309.1668
1034.4755	11	A 4	488.2833	244.6455
1147.5596	12	L 3	417.2462	209.1270
1276.6022	13	E 2	304.1621	152.5850
	14	R 1	175.1195	88.0637

N-term:+35.07

GGLDSLIGDSNFGAPSASVAAAPAPAR, MH+ 2497.2687, m/z 625.0726
 L OSG36 P180811 230811-s1.05648.05648.4.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		
143.0820	2	G	26	2412.2159	1206.6119
256.1661	3	L	25	2355.1945	1178.1011
371.1930	4	D	24	2242.1104	1121.5591
458.2251	5	S	23	2127.0835	1064.0456
571.3091	6	L	22	2040.0514	1020.5296
684.3932	7	I	21	1926.9674	963.9876
741.4147	8	G	20	1813.8833	907.4456
856.4416	9	D	19	1756.8618	878.9348
943.4736	10	S	18	1641.8349	821.4214
1057.5166	11	N	17	1554.8029	777.9053
1204.5850	12	F	16	1440.7599	720.8839
1261.6064	13	G	15	1293.6915	647.3497
1332.6435	14	A	14	1236.6701	618.8389
1429.6963	15	P	13	1165.6329	583.3204
1516.7283	16	S	12	1068.5802	534.7940
1587.7655	17	A	11	981.5482	491.2780
1674.7975	18	S	10	910.5110	455.7594
1773.8659	19	V	9	823.4790	412.2434
1844.9030	20	A	8	724.4106	362.7092
1915.9401	21	A	7	653.3735	327.1907
1986.9772	22	A	6	582.3364	291.6721
2084.0300	23	P	5	511.2993	256.1535
2155.0671	24	A	4	414.2465	207.6272
2252.1199	25	P	3	343.2094	172.1086
2323.1570	26	A	2	246.1566	123.5822
	27	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+

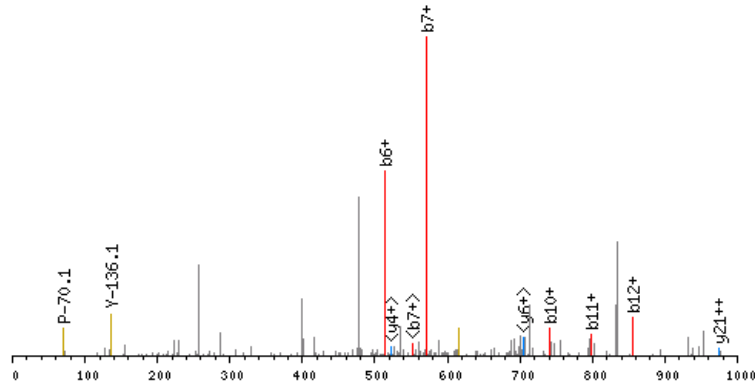
hide H₂O/NH₃

zoom 112-122

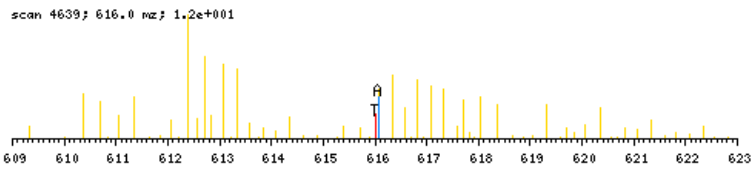
GO

GGSGGYGGGGGGYGGGEGYSISPNSYR, MH+ 2461.0868, m/z 616.0272
 H OSG36 P180811 230811-s1.04643.04643.4.dta

scan 4643; 1.9e+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⁺
92.0924	1	G 27		
149.1138	2	G 26	2370.0023	1185.5051
236.1459	3	S 25	2312.9808	1156.9943
293.1673	4	G 24	2225.9488	1113.4783
350.1888	5	G 23	2168.9273	1084.9676
513.2521	6	Y 22	2111.9059	1056.4569
570.2736	7	G 21	1948.8426	974.9252
627.2950	8	G 20	1891.8211	946.4145
684.3165	9	G 19	1834.7996	917.9037
741.3380	10	G 18	1777.7782	889.3930
798.3594	11	G 17	1720.7567	860.8823
855.3809	12	G 16	1663.7352	832.3715
1018.4442	13	Y 15	1606.7138	803.8608
1075.4657	14	G 14	1443.6504	722.3291
1132.4872	15	G 13	1386.6290	693.8184
1189.5086	16	G 12	1329.6075	665.3077
1318.5512	17	E 11	1272.5861	636.7969
1375.5727	18	G 10	1143.5435	572.2756
1538.6360	19	Y 9	1086.5220	543.7649
1625.6680	20	S 8	923.4587	462.2332
1738.7521	21	I 7	836.4266	418.7172
1825.7841	22	S 6	723.3426	362.1752
1922.8369	23	P 5	636.3105	318.6592
2036.8798	24	N 4	539.2578	270.1328
2123.9118	25	S 3	425.2149	213.1113
2286.9752	26	Y 2	338.1828	169.5953
	27	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

GGSIITVYPKEIR, MH+ 1488.8790, m/z 496.9645
 L OSG39 P180811 230811-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+

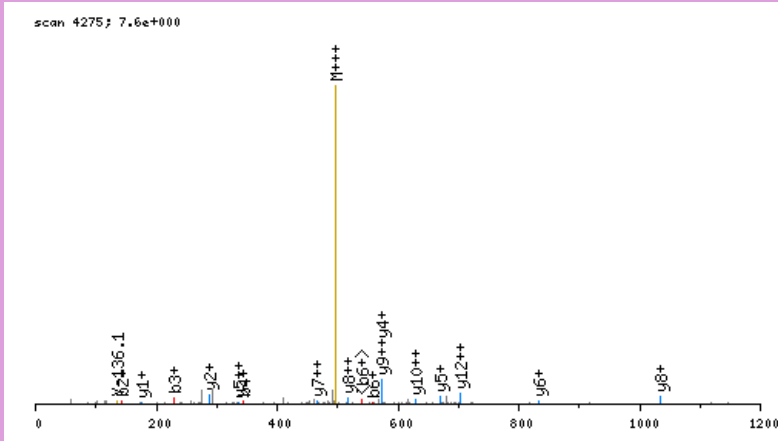
y + 2+ 3+

z + 2+ 3+

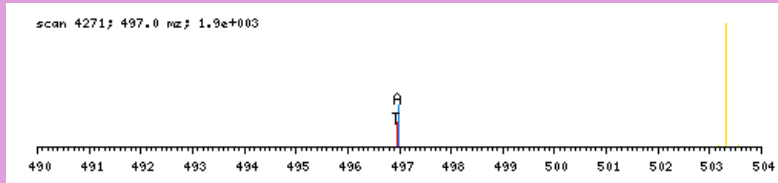
hide H₂O/NH₃

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 13		
143.0820	2	G 12	1403.8263	702.4170
230.1141	3	S 11	1346.8048	673.9063
343.1981	4	I 10	1259.7728	630.3903
456.2822	5	I 9	1146.6887	573.8483
557.3299	6	T 8	1033.6046	517.3062
656.3983	7	V 7	932.5570	466.7824
819.4616	8	Y 6	833.4886	417.2482
916.5144	9	P 5	670.4252	335.7165
1072.6407	10	K 4	573.3725	287.1901
1201.6833	11	E 3	417.2462	209.1270
1314.7673	12	I 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+29.04 K(10):+156.13

GGSKSIFGNLVGR, MH+ 1347.7749, m/z 449.9298
 L OSG40 P180811 230811-s1.05998.05998.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

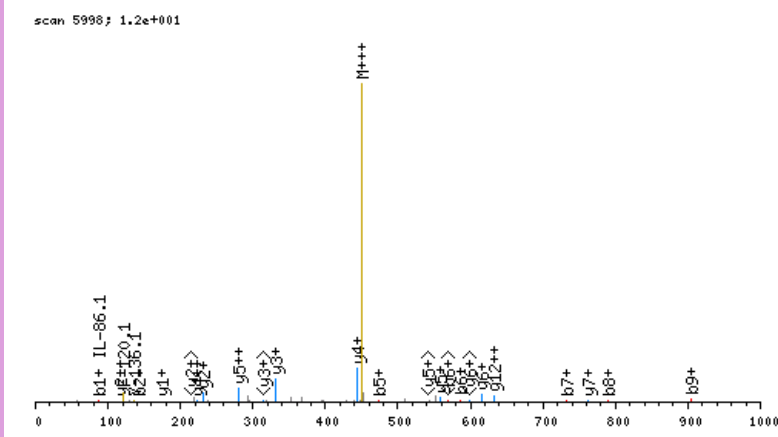
y + 2+ 3+

z + 2+ 3+

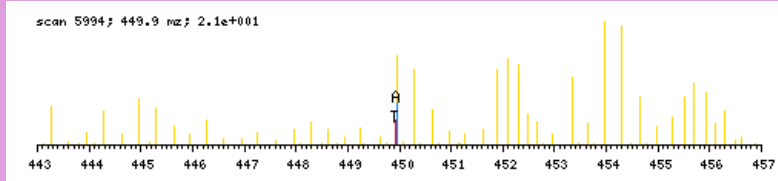
hide H₂O/NH₃

zoom 112-122

GO



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



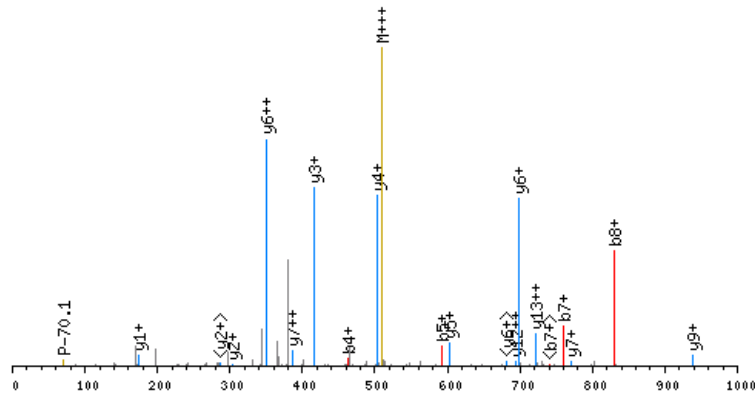
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

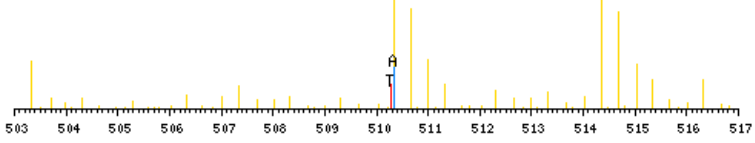
GGYKEPAAPVSIQR, MH+ 1528.8488, m/z 510.2878
 L OSG39 P180811 230811-s1.02967.02967.3.dta

scan 2967; 3.3e+000



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

scan 2966; 510.3 m/z; 9.2e+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

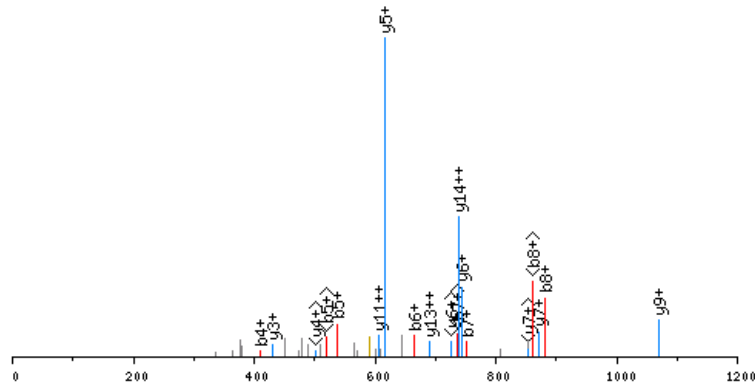
GO

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 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

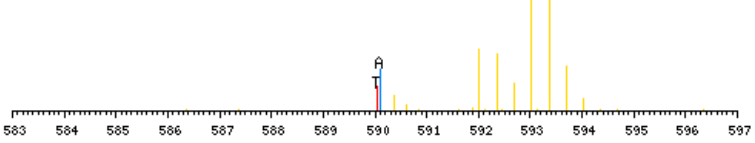
GHGEQQSQPPAAAAQQQPSQQR, MH+ 2357.1346, m/z 590.0391
 L OSG40 P180811 230811-s1.01886.01886.4.dta

scan 1886; 4.2e-001



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

scan 1883; 590.0 nz; 7.3e+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

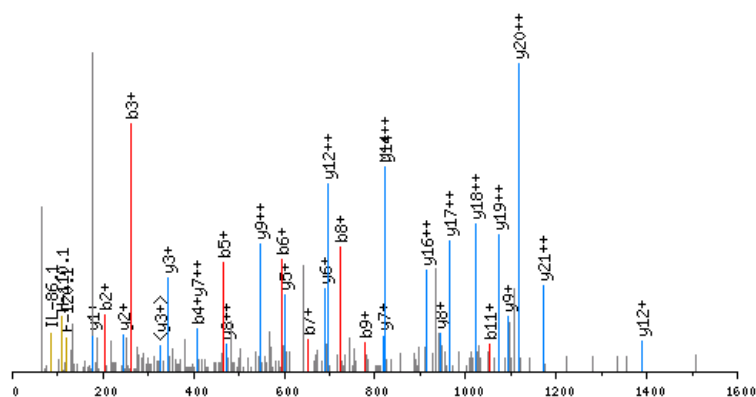
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
86.0606	1	G	22		
223.1195	2	H	21	2272.0819	1136.5449
280.1409	3	G	20	2135.0230	1068.0154
409.1835	4	E	19	2078.0015	1039.5047
537.2421	5	Q	18	1948.9589	974.9834
665.3007	6	Q	17	1820.9003	910.9541
752.3327	7	S	16	1692.8418	846.9248
880.3913	8	Q	15	1605.8097	803.4088
977.4441	9	P	14	1477.7512	739.3795
1074.4968	10	P	13	1380.6984	690.8531
1145.5339	11	A	12	1283.6456	642.3267
1216.5710	12	A	11	1212.6085	606.8082
1287.6082	13	A	10	1141.5714	571.2896
1358.6453	14	A	9	1070.5343	535.7711
1486.7039	15	Q	8	999.4972	500.2525
1614.7624	16	Q	7	871.4386	436.2232
1742.8210	17	Q	6	743.3800	372.1939
1839.8738	18	P	5	615.3214	308.1646
1926.9058	19	S	4	518.2687	259.6383
2054.9644	20	Q	3	431.2367	216.1222
2183.0230	21	Q	2	303.1781	152.0930
	22	R	1	175.1195	88.0637

N-term:+29.04

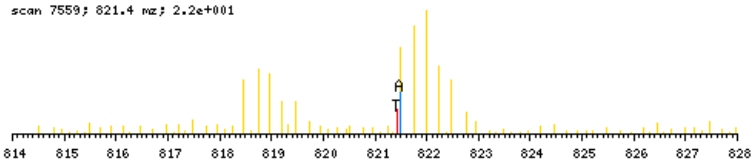
GIGFGQGAGCLSTDTGEHLGLQFQQSPKPAR, MH+ 3282.6965, m/z 821.4296
H OSG40 P180811 230811-s1.07562.07562.4.dta

scan 7562; 5.7e-001



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

scan 7559; 821.4 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⁺
92.0924	1	G	31		
205.1764	2	I	30	3191.6120	1596.3099
262.1979	3	G	29	3078.5279	1539.7679
409.2663	4	F	28	3021.5065	1511.2571
466.2878	5	G	27	2874.4381	1437.7229
594.3463	6	Q	26	2817.4166	1409.2122
651.3678	7	G	25	2689.3580	1345.1829
722.4049	8	A	24	2632.3365	1316.6722
779.4264	9	G	23	2561.2994	1281.1536
939.4570	10	C	22	2504.2780	1252.6429
1052.5411	11	L	21	2344.2474	1172.6276
1139.5731	12	S	20	2231.1633	1116.0856
1240.6208	13	T	19	2144.1313	1072.5696
1355.6477	14	D	18	2043.0836	1022.0457
1456.6954	15	T	17	1928.0567	964.5322
1513.7168	16	G	16	1827.0090	914.0084
1642.7594	17	E	15	1769.9875	885.4977
1779.8183	18	H	14	1640.9449	820.9764
1892.9024	19	L	13	1503.8860	752.4469
1949.9239	20	G	12	1390.8019	695.9049
2063.0079	21	L	11	1333.7805	667.3942
2191.0665	22	Q	10	1220.6964	610.8521
2338.1349	23	F	9	1092.6378	546.8228
2466.1935	24	Q	8	945.5694	473.2886
2594.2521	25	Q	7	817.5108	409.2593
2681.2841	26	S	6	689.4523	345.2300
2778.3369	27	P	5	602.4202	301.7140
2940.4950	28	K	4	505.3675	253.1877
3037.5477	29	P	3	343.2094	172.1086
3108.5849	30	A	2	246.1566	123.5822
	31	R	1	175.1195	88.0637

N-term:+35.07 C(10):+160.03
K(28):+162.16

GIQDGYLSLLQDSGEVR, MH+ 1883.9927, m/z 628.6691
 H OSG37 P180811 230811-s1.08472.08472.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

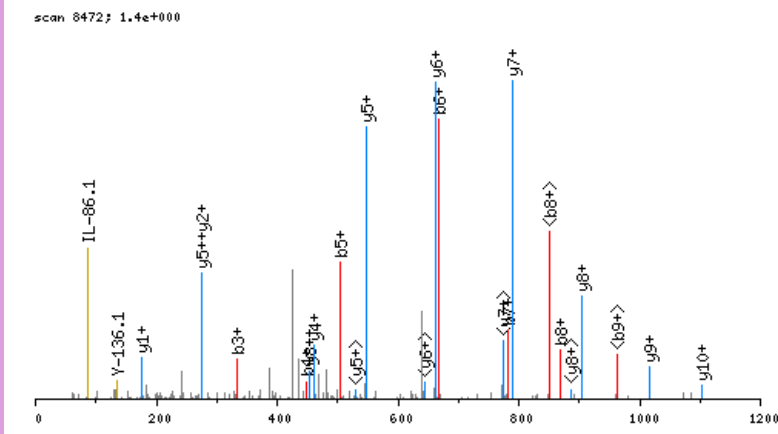
y + 2+ 3+

z + 2+ 3+

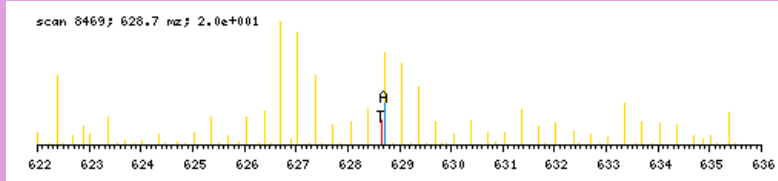
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1792.9081	896.9580
333.2350	3	Q 15	1679.8241	840.4159
448.2619	4	D 14	1551.7655	776.3867
505.2834	5	G 13	1436.7385	718.8732
668.3467	6	Y 12	1379.7171	690.3624
781.4308	7	L 11	1216.6537	608.8308
868.4628	8	S 10	1103.5697	552.2888
981.5469	9	L 9	1016.5376	508.7727
1094.6310	10	L 8	903.4536	452.2307
1222.6895	11	Q 7	790.3695	395.6887
1337.7165	12	D 6	662.3109	331.6594
1424.7485	13	S 5	547.2840	274.1459
1481.7700	14	G 4	460.2520	230.6299
1610.8126	15	E 3	403.2305	202.1192
1709.8810	16	V 2	274.1879	137.5979
	17	R 1	175.1195	88.0637

N-term:+35.07

GISDVVKVTLTPPEEAR, MH+ 1911.1075, m/z 637.7073
 H OSG39 P180811 230811-s1.06063.06063.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

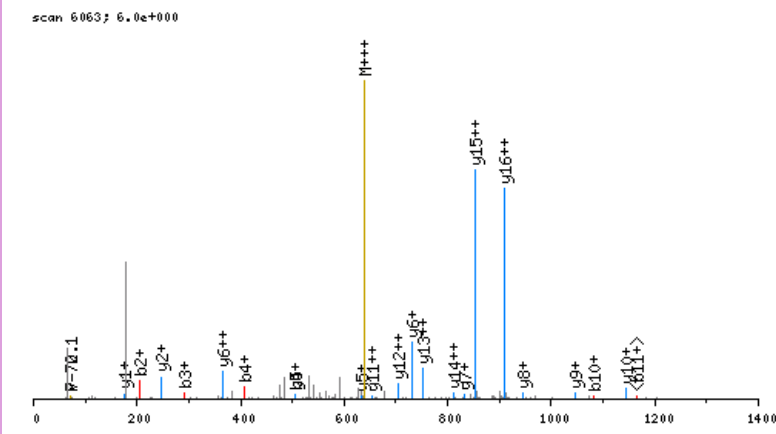
y + 2+ 3+

z + 2+ 3+

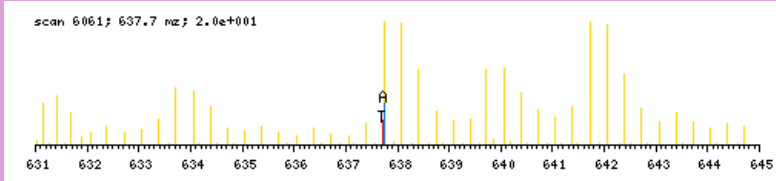
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

GISTVCQPTCGVSR, MH+ 1549.7466, m/z 517.2537
 L OSG37 P180811 230811-s1.03183.03183.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

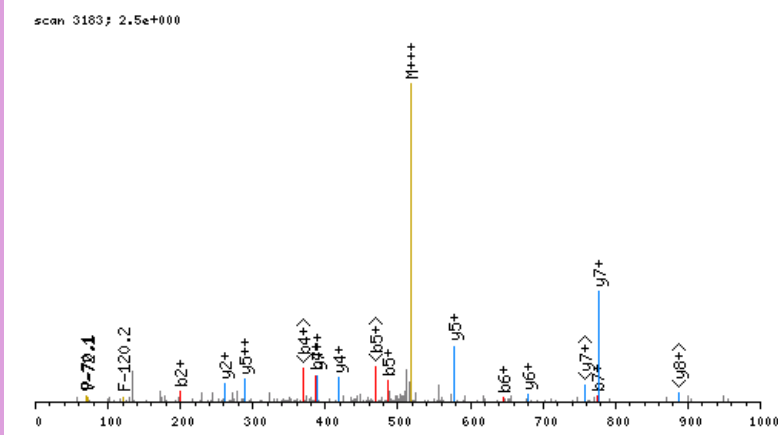
y + 2+ 3+

z + 2+ 3+

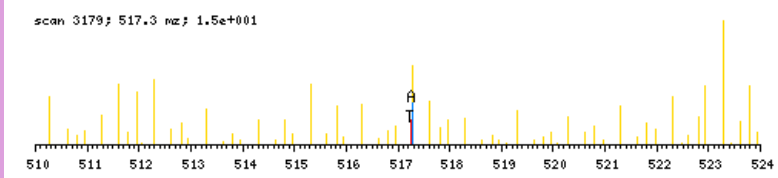
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1464.6938	732.8508
286.1767	3	S 12	1351.6097	676.3088
387.2243	4	T 11	1264.5777	632.7928
486.2927	5	V 10	1163.5300	582.2689
646.3233	6	C 9	1064.4616	532.7347
774.3819	7	Q 8	904.4310	452.7194
871.4347	8	P 7	776.3724	388.6901
972.4824	9	T 6	679.3197	340.1638
1132.5130	10	C 5	578.2720	289.6399
1189.5344	11	G 4	418.2414	209.6246
1288.6028	12	V 3	361.2199	181.1139
1375.6349	13	S 2	262.1515	131.5797
	14	R 1	175.1195	88.0637

N-term:+29.04 C(6):+160.03
 C(10):+160.03

GIVPIVEPEILPDGDHDLKR, MH+ 2268.2604, m/z 567.8205
 L OSG40 P180811 230811-s1.07950.07950.4.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+

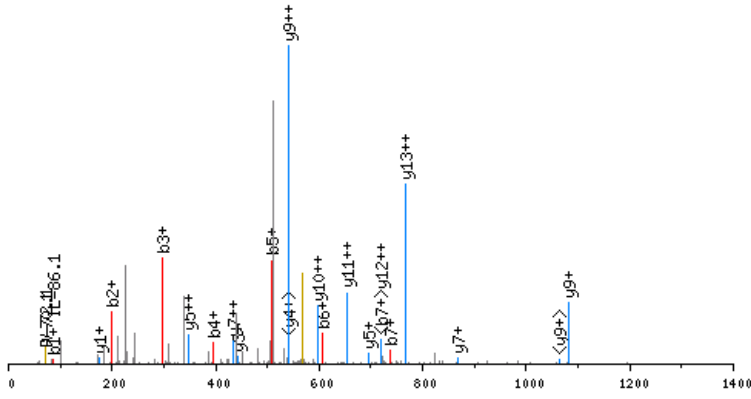
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

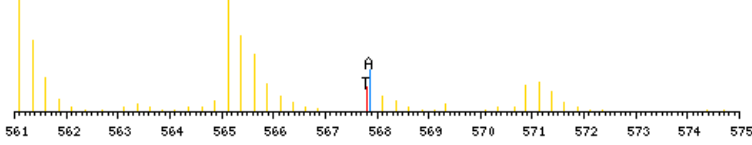
GO

scan 7950; 7.0e+000



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

scan 7949; 567.8 mz; 2.1e+002



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	2183.2076	1092.1077
298.2130	3	V	18	2070.1236	1035.5657
395.2658	4	P	17	1971.0552	986.0315
508.3499	5	I	16	1874.0024	937.5051
607.4183	6	V	15	1760.9183	880.9631
736.4609	7	E	14	1661.8499	831.4289
833.5136	8	P	13	1532.8073	766.9076
962.5562	9	E	12	1435.7546	718.3812
1075.6403	10	I	11	1306.7120	653.8599
1188.7244	11	L	10	1193.6279	597.3179
1285.7771	12	P	9	1080.5438	540.7758
1400.8041	13	D	8	983.4911	492.2494
1457.8255	14	G	7	868.4641	434.7360
1572.8525	15	D	6	811.4427	406.2252
1709.9114	16	H	5	696.4157	348.7118
1824.9383	17	D	4	559.3568	280.1823
1938.0224	18	L	3	444.3299	222.6688
2094.1487	19	K	2	331.2458	166.1268
	20	R	1	175.1195	88.0637

N-term:+29.04 K(19):+156.13

GKDYIQTGLAR, MH+ 1452.8487, m/z 484.9544
 H OSG40 P180811 230811-s1.05337.05337.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

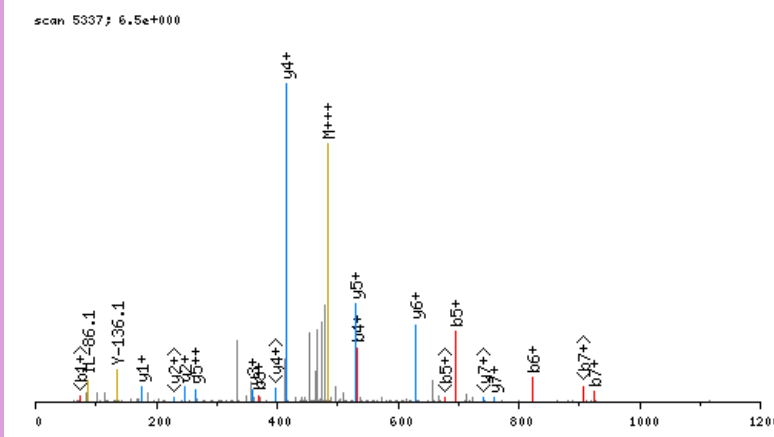
y + 2+ 3+

z + 2+ 3+

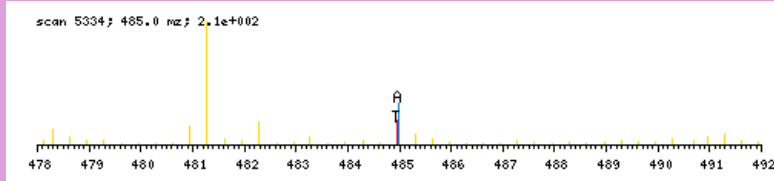
hide H₂O/NH₃

zoom 112-122

GO



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



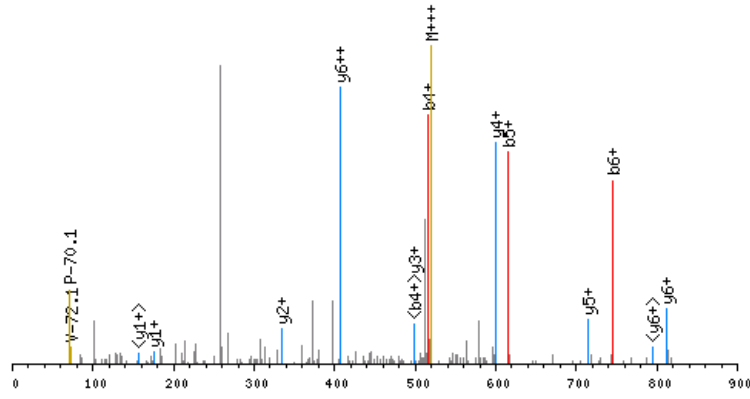
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

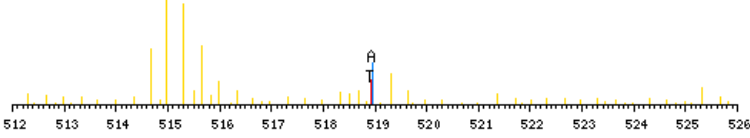
GKFDVEPDTYCR, MH+ 1554.7898, m/z 518.9348
 H OSG40 P180811 230811-s1.04350.04350.3.dta

scan 4350; 1.0e+000



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

scan 4349; 518.9 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⁺
92.0924	1	G	12		
254.2505	2	K	11	1463.7053	732.3566
401.3189	3	F	10	1301.5472	651.2775
516.3458	4	D	9	1154.4788	577.7433
615.4142	5	V	8	1039.4518	520.2298
744.4568	6	E	7	940.3834	470.6956
841.5096	7	P	6	811.3408	406.1743
956.5365	8	D	5	714.2881	357.6479
1057.5842	9	T	4	599.2611	300.1345
1220.6475	10	Y	3	498.2134	249.6106
1380.6781	11	C	2	335.1501	168.0790
	12	R	1	175.1195	88.0637

N-term:+35.07 K(2):+162.16
 C(11):+160.03

GKPITIFQER, MH+ 1244.7367, m/z 415.5837
 L OSG40 P180811 230811-s1.03801.03801.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

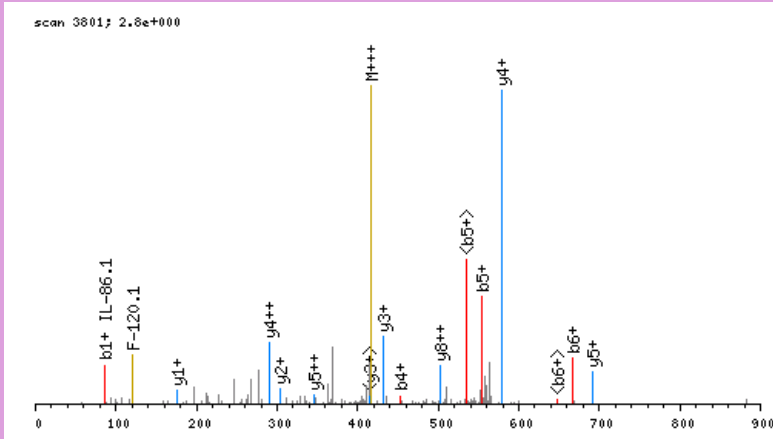
y + 2+ 3+

z + 2+ 3+

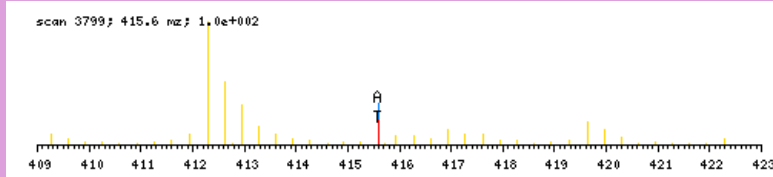
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
242.1869	2	K 9	1159.6840	580.3459
339.2396	3	P 8	1003.5577	502.2827
452.3237	4	I 7	906.5049	453.7564
553.3714	5	T 6	793.4208	397.2143
666.4554	6	I 5	692.3731	346.6905
813.5238	7	F 4	579.2891	290.1485
941.5824	8	Q 3	432.2207	216.6142
1070.6250	9	E 2	304.1621	152.5850
	10	R 1	175.1195	88.0637

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

GKVNSDEVGGEALGR, MH+ 1555.8716, m/z 519.2954
 H OSG40 P180811 230811-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+

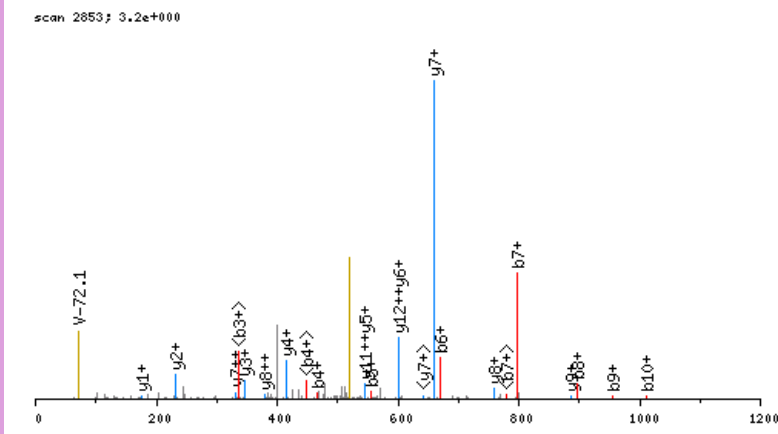
y + 2+ 3+

z + 2+ 3+

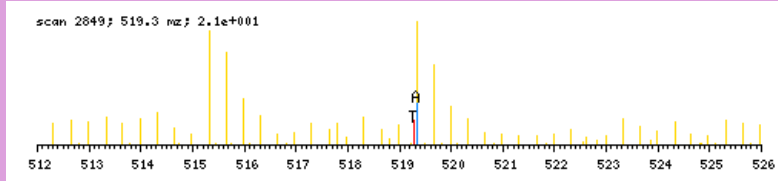
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
254.2505	2	K 14	1464.7871	732.8975
353.3189	3	V 13	1302.6290	651.8184
467.3618	4	N 12	1203.5606	602.2842
554.3938	5	S 11	1089.5176	545.2627
669.4208	6	D 10	1002.4856	501.7467
798.4634	7	E 9	887.4587	444.2332
897.5318	8	V 8	758.4161	379.7120
954.5532	9	G 7	659.3477	330.1777
1011.5747	10	G 6	602.3262	301.6670
1140.6173	11	E 5	545.3047	273.1563
1211.6544	12	A 4	416.2621	208.6350
1324.7385	13	L 3	345.2250	173.1164
1381.7599	14	G 2	232.1410	116.5744
	15	R 1	175.1195	88.0637

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

GLAPVAAATGPFLAR, MH+ 1445.8692, m/z 482.6279
 H OSG37 P180811 230811-s1.04860.04860.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

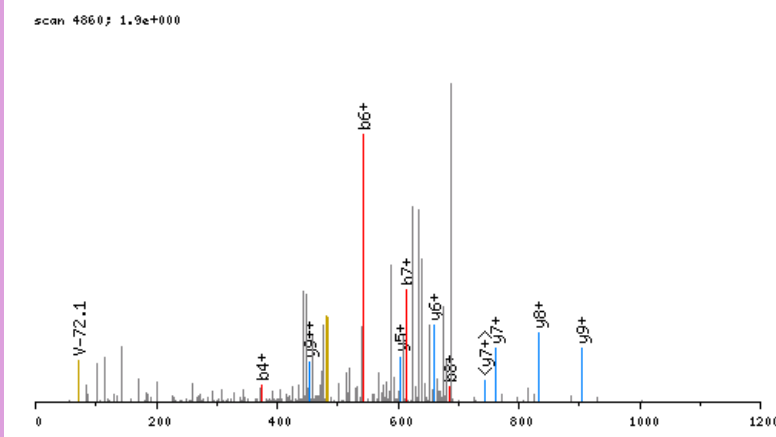
y + 2+ 3+

z + 2+ 3+

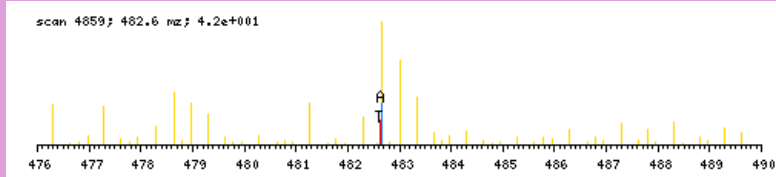
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1354.7847	677.8963
276.2135	3	A 13	1241.7006	621.3542
373.2663	4	P 12	1170.6635	585.8357
472.3347	5	V 11	1073.6108	537.3093
543.3718	6	A 10	974.5423	487.7751
614.4089	7	A 9	903.5052	452.2565
685.4461	8	A 8	832.4681	416.7380
786.4937	9	T 7	761.4310	381.2194
843.5152	10	G 6	660.3833	330.6956
940.5680	11	P 5	603.3619	302.1848
1087.6364	12	F 4	506.3091	253.6585
1200.7204	13	L 3	359.2407	180.1243
1271.7576	14	A 2	246.1566	123.5822
	15	R 1	175.1195	88.0637

N-term:+35.07

GLDEGEPAGSWDLTVEGR, MH+ 1921.9355, m/z 641.3167
 H OSG37 P180811 230811-s1.06795.06795.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

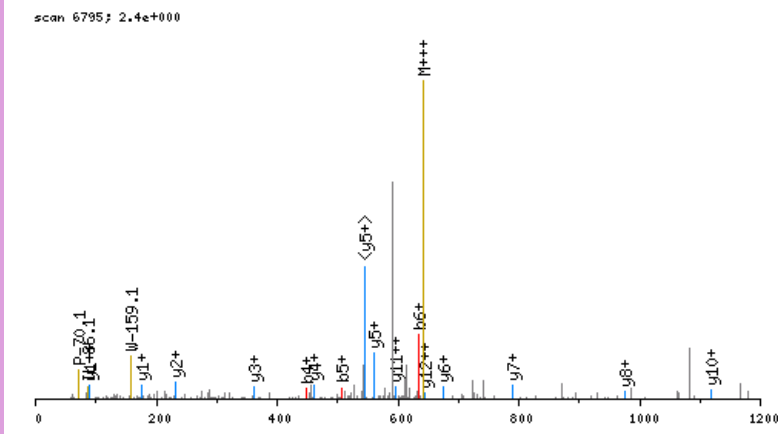
y + 2+ 3+

z + 2+ 3+

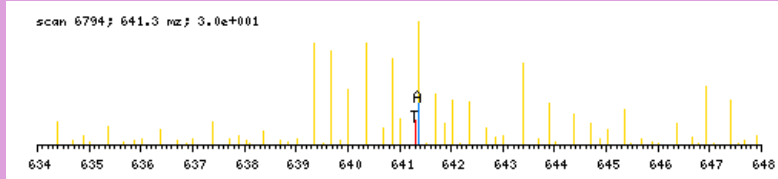
hide H₂O/NH₃

zoom 112-122

GO



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



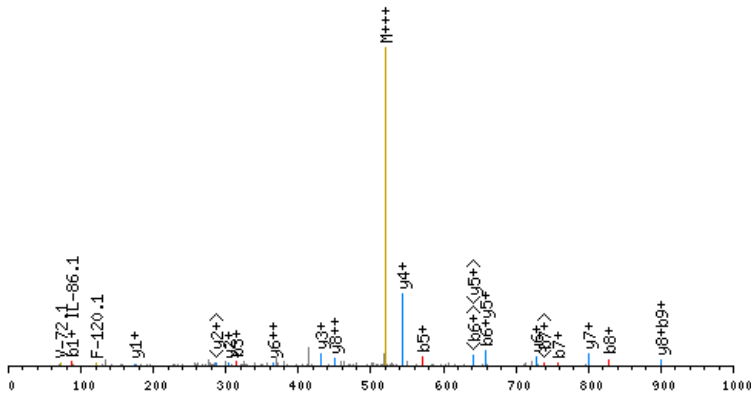
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 18		
205.1764	2	L 17	1830.8510	915.9294
320.2034	3	D 16	1717.7669	859.3874
449.2460	4	E 15	1602.7400	801.8739
506.2674	5	G 14	1473.6974	737.3526
635.3100	6	E 13	1416.6759	708.8419
732.3628	7	P 12	1287.6333	644.3206
803.3999	8	A 11	1190.5806	595.7942
860.4214	9	G 10	1119.5435	560.2756
947.4534	10	S 9	1062.5220	531.7649
1133.5327	11	W 8	975.4900	488.2489
1248.5596	12	D 7	789.4107	395.2092
1361.6437	13	L 6	674.3837	337.6958
1462.6914	14	T 5	561.2997	281.1537
1561.7598	15	V 4	460.2520	230.6299
1690.8024	16	E 3	361.1836	181.0957
1747.8239	17	G 2	232.1410	116.5744
	18	R 1	175.1195	88.0637

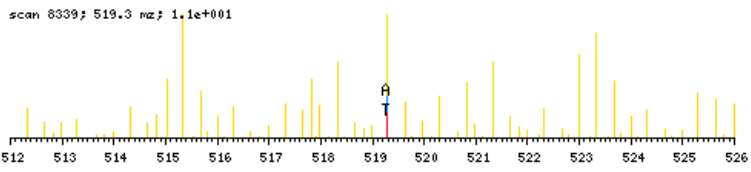
N-term:+35.07

GLDPCSVAAAILQQR, MH+ 1555.8266, m/z 519.2804
 L OSG37 P180811 230811-s1.08343.08343.3.dta

scan 8343; 5.1e+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⁺
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

GLHGDQGAGPVGPGAGPR, MH+ 1667.8618, m/z 556.6254
 L OSG40 P180811 230811-s1.02930.02930.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

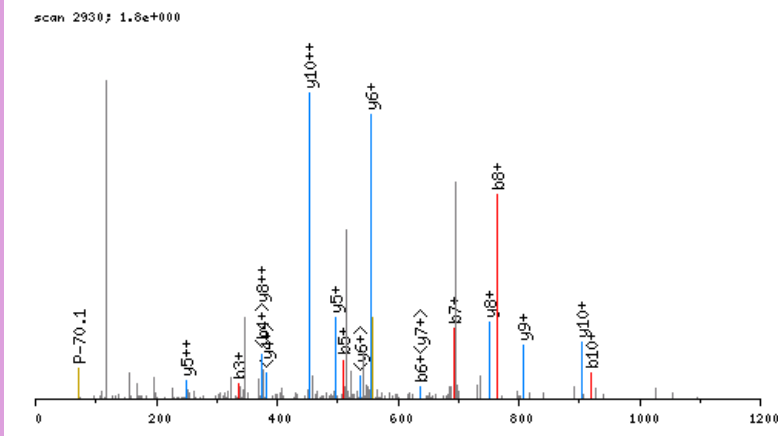
y + 2+ 3+

z + 2+ 3+

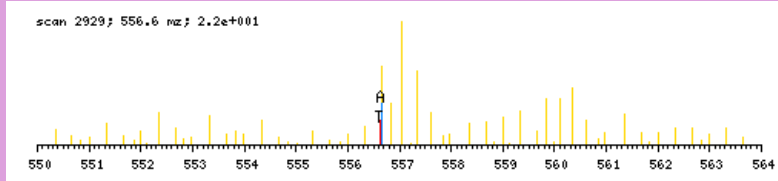
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1582.8090	791.9084
336.2035	3	H 16	1469.7249	735.3664
393.2250	4	G 15	1332.6660	666.8369
508.2519	5	D 14	1275.6446	638.3262
636.3105	6	Q 13	1160.6176	580.8127
693.3320	7	G 12	1032.5591	516.7834
764.3691	8	A 11	975.5376	488.2727
861.4219	9	P 10	904.5005	452.7542
918.4433	10	G 9	807.4477	404.2278
1015.4961	11	P 8	750.4262	375.7170
1114.5645	12	V 7	653.3735	327.1907
1171.5860	13	G 6	554.3051	277.6564
1268.6387	14	P 5	497.2836	249.1457
1339.6758	15	A 4	400.2308	200.6193
1396.6973	16	G 3	329.1937	165.1008
1493.7501	17	P 2	272.1723	136.5900
	18	R 1	175.1195	88.0637

N-term:+29.04

GLKLISEVIGER, MH+ 1381.9055, m/z 461.3067
 H OSG40 P180811 230811-s1.07527.07527.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

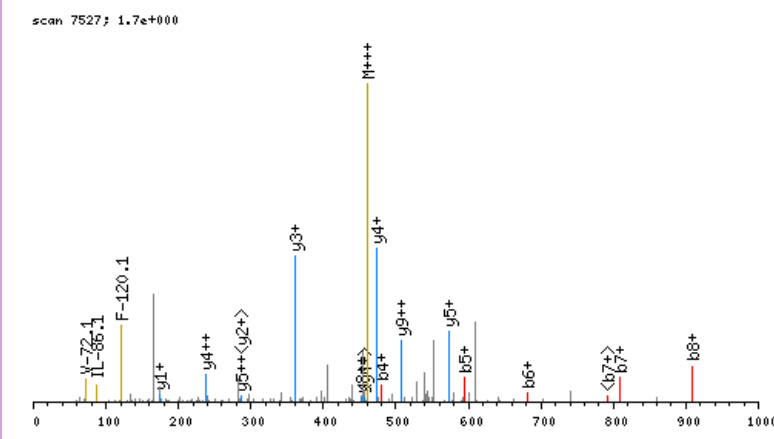
y + 2+ 3+

z + 2+ 3+

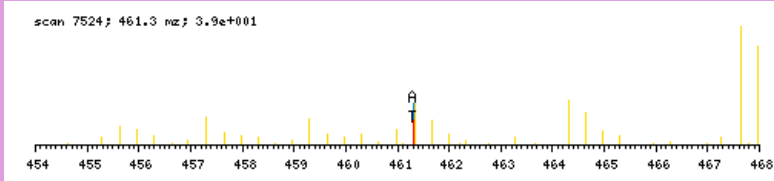
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
205.1764	2	L 11	1290.8209	645.9144
367.3345	3	K 10	1177.7369	589.3724
480.4186	4	L 9	1015.5788	508.2933
593.5027	5	I 8	902.4947	451.7513
680.5347	6	S 7	789.4107	395.2092
809.5773	7	E 6	702.3786	351.6932
908.6457	8	V 5	573.3360	287.1719
1021.7298	9	I 4	474.2676	237.6377
1078.7512	10	G 3	361.1836	181.0957
1207.7938	11	E 2	304.1621	152.5850
	12	R 1	175.1195	88.0637

N-term:+35.07 K(3):+162.16

GLLGSNPADGVAVTCFR, MH+ 1854.9384, m/z 618.9843
 H OSG37 P180811 230811-s1.08317.08317.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

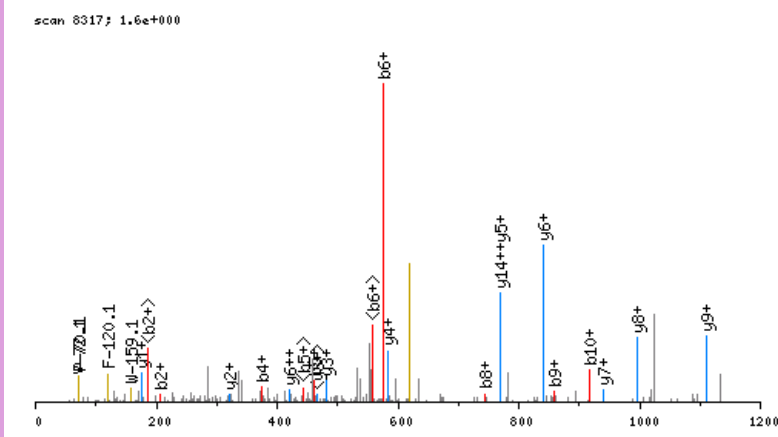
y + 2+ 3+

z + 2+ 3+

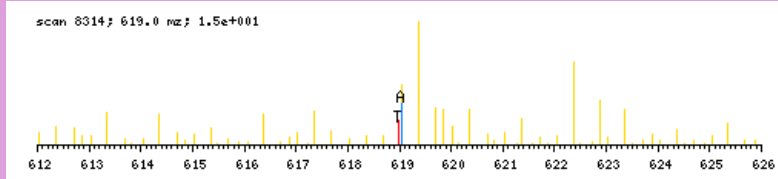
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	L 16	1763.8539	882.4308
318.2605	3	L 15	1650.7698	825.8888
375.2820	4	G 14	1537.6857	769.3468
462.3140	5	S 13	1480.6643	740.8360
576.3569	6	N 12	1393.6322	697.3200
673.4097	7	P 11	1279.5893	640.2986
744.4468	8	A 10	1182.5366	591.7722
859.4737	9	D 9	1111.4994	556.2536
916.4952	10	G 8	996.4725	498.7402
1015.5636	11	V 7	939.4510	470.2294
1086.6007	12	A 6	840.3826	420.6952
1272.6800	13	W 5	769.3455	385.1767
1373.7277	14	T 4	583.2662	292.1370
1533.7583	15	C 3	482.2185	241.6132
1680.8267	16	F 2	322.1879	161.5979
	17	R 1	175.1195	88.0637

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

GLLSQGSPLSWEETQR, MH+ 1815.9241, m/z 605.9795
 L OSG37 P180811 230811-s1.07050.07050.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

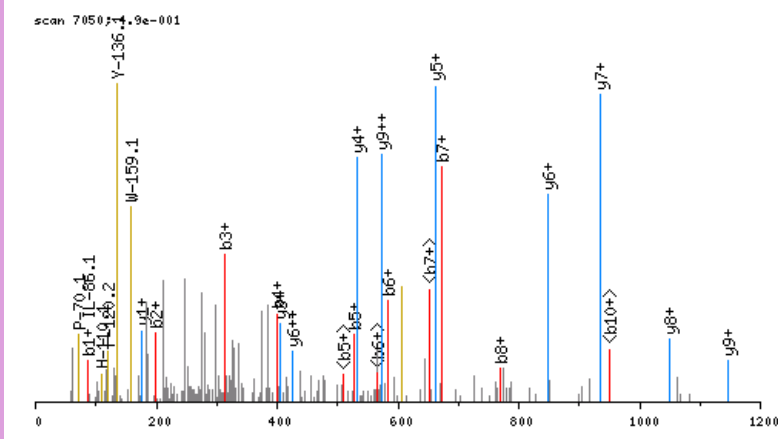
y + 2+ 3+

z + 2+ 3+

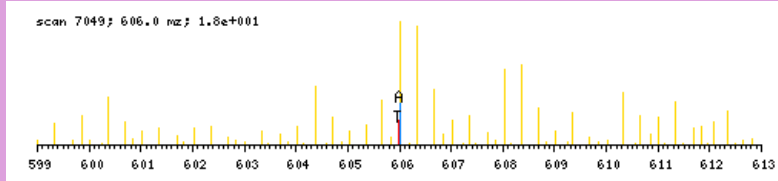
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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+ 1832.0554, m/z 611.3567
 H OSG39 P180811 230811-s1.04110.04110.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

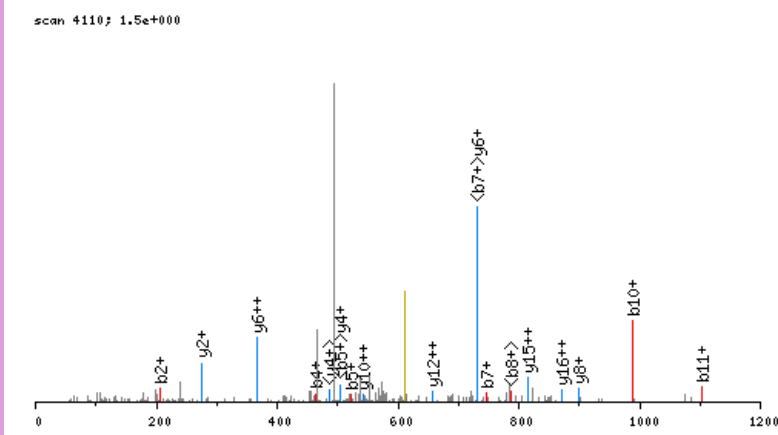
y + 2+ 3+

z + 2+ 3+

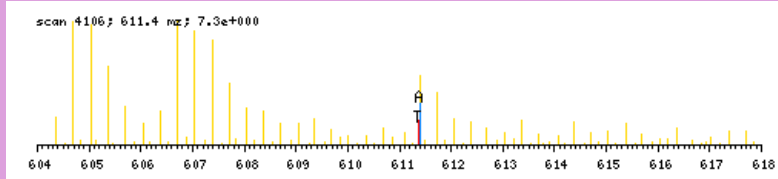
hide H₂O/NH₃

zoom 112-122

GO



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



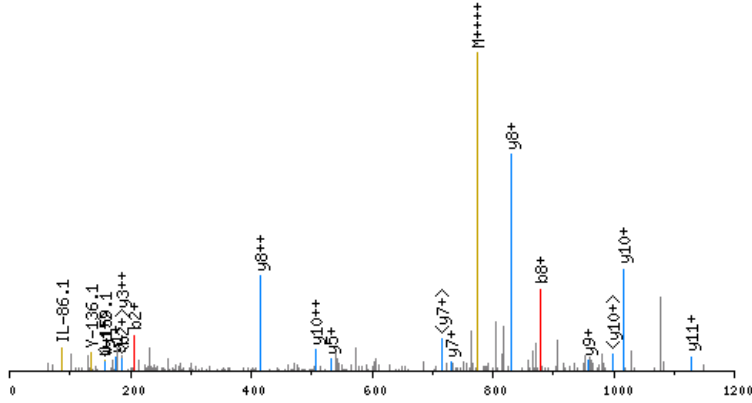
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 17		
205.1764	2	L 16	1740.9709	870.9893
302.2292	3	P 15	1627.8868	814.4473
464.3873	4	K 14	1530.8340	765.9209
521.4088	5	G 13	1368.6759	684.8419
618.4615	6	P 12	1311.6545	656.3311
747.5041	7	E 11	1214.6017	607.8048
804.5256	8	G 10	1085.5591	543.2835
932.5842	9	Q 9	1028.5376	514.7727
989.6056	10	G 8	900.4791	450.7434
1102.6897	11	L 7	843.4576	422.2327
1199.7424	12	P 6	730.3735	365.6907
1328.7850	13	E 5	633.3208	317.1643
1427.8535	14	V 4	504.2782	252.6430
1556.8960	15	E 3	405.2098	203.1088
1657.9437	16	T 2	276.1672	138.5875
	17	R 1	175.1195	88.0637

N-term:+35.07 K(4):+162.16

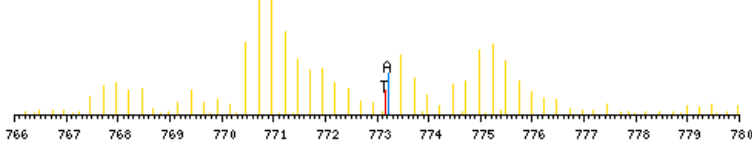
GLPPSYETIKKEEYGVTELGEPSNSAVVR, MH+ 3089.6319, m/z 773.1634
H_OSG38_P180811_230811-s1.06807.06807.4.dta

scan 6807; 1.4e+000



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

scan 6804; 773.2 m/z; 1.8e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 28		
205.1764	2	L 27	2998.5474	1499.7776
302.2292	3	P 26	2885.4633	1443.2356
399.2820	4	P 25	2788.4105	1394.7092
486.3140	5	S 24	2691.3578	1346.1828
649.3773	6	Y 23	2604.3257	1302.6668
778.4199	7	E 22	2441.2624	1221.1351
879.4676	8	T 21	2312.2198	1156.6138
992.5516	9	I 20	2211.1721	1106.0900
1154.7097	10	K 19	2098.0881	1049.5480
1283.7523	11	E 18	1935.9300	968.4689
1412.7949	12	E 17	1806.8874	903.9476
1575.8583	13	Y 16	1677.8448	839.4263
1632.8797	14	G 15	1514.7815	757.8946
1731.9481	15	V 14	1457.7600	729.3839
1832.9958	16	T 13	1358.6916	679.8497
1962.0384	17	E 12	1257.6439	629.3259
2075.1225	18	L 11	1128.6013	564.8046
2132.1439	19	G 10	1015.5172	508.2625
2261.1865	20	E 9	958.4958	479.7518
2358.2393	21	P 8	829.4532	415.2305
2445.2713	22	S 7	732.4004	366.7041
2559.3143	23	N 6	645.3684	323.1881
2646.3463	24	S 5	531.3255	266.1666
2717.3834	25	A 4	444.2934	222.6506
2816.4518	26	V 3	373.2563	187.1321
2915.5202	27	V 2	274.1879	137.5979
	28	R 1	175.1195	88.0637

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

GLTLDPEADSEYLSR, MH+ 1699.8602, m/z 850.4338
 H OSG37 P180811 230811-s1.07060.07060.2.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+

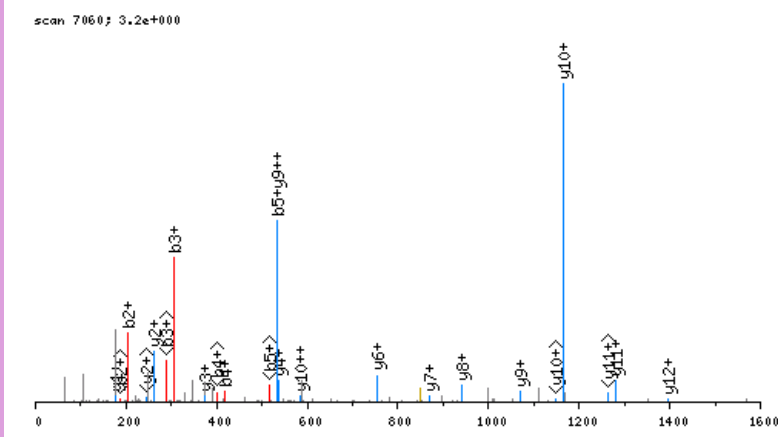
y + 2+ 3+

z + 2+ 3+

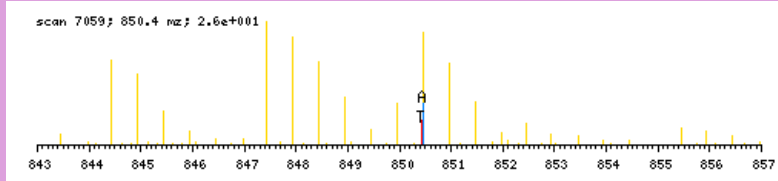
hide H₂O/NH₃

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		
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 OSG39 P180811 230811-s1.03068.03068.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

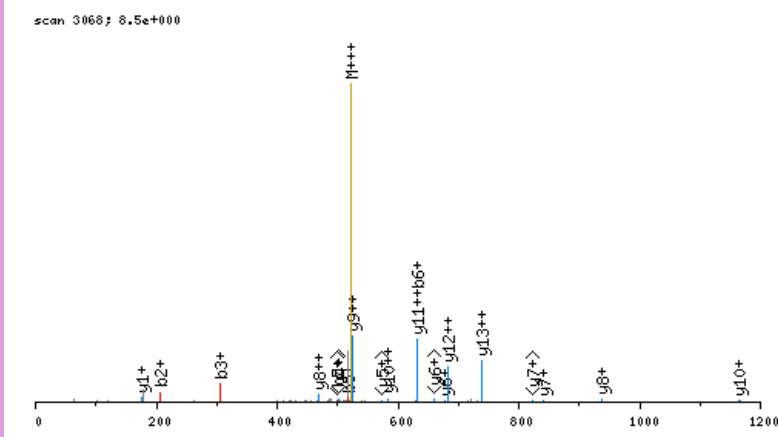
y + 2+ 3+

z + 2+ 3+

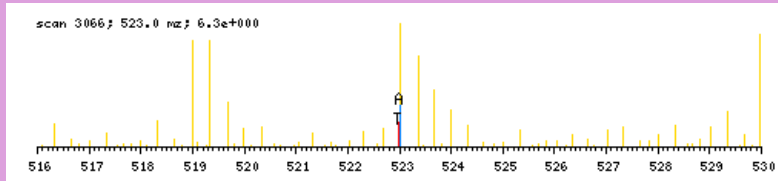
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

GNSHTSSSSSSSSSSSSSSSSSSSSSR, MH+ 2178.8983, m/z 545.4800
 L OSG40 P180811 230811-s1.03751.03751.4.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+

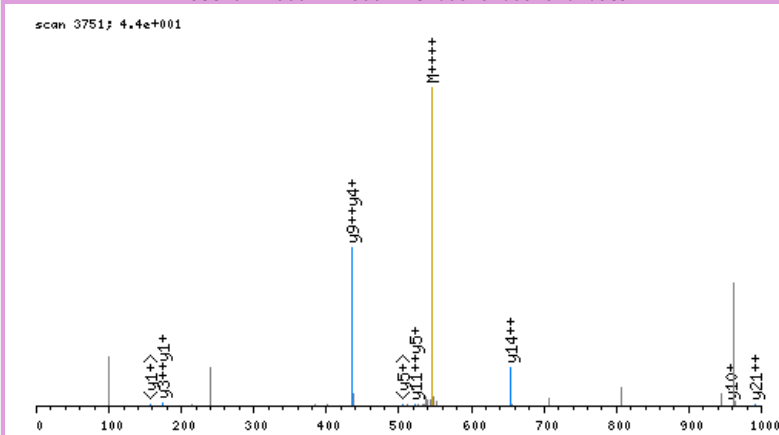
y + 2+ 3+

z + 2+ 3+

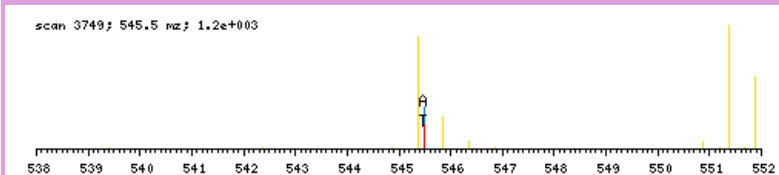
hide H₂O/NH₃

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		
200.1035	2	N 22	2093.8455	1047.4267
287.1355	3	S 21	1979.8026	990.4052
424.1944	4	H 20	1892.7706	946.8892
525.2421	5	T 19	1755.7117	878.3597
612.2741	6	S 18	1654.6640	827.8359
699.3062	7	S 17	1567.6320	784.3199
786.3382	8	S 16	1480.5999	740.8039
873.3702	9	S 15	1393.5679	697.2879
960.4023	10	S 14	1306.5359	653.7718
1047.4343	11	S 13	1219.5038	610.2558
1134.4663	12	S 12	1132.4718	566.7398
1221.4983	13	S 11	1045.4398	523.2238
1308.5304	14	S 10	958.4078	479.7078
1395.5624	15	S 9	871.3757	436.1918
1482.5944	16	S 8	784.3437	392.6758
1569.6265	17	S 7	697.3117	349.1597
1656.6585	18	S 6	610.2796	305.6437
1743.6905	19	S 5	523.2476	262.1277
1830.7225	20	S 4	436.2156	218.6117
1917.7546	21	S 3	349.1836	175.0957
2004.7866	22	S 2	262.1515	131.5797
	23	R 1	175.1195	88.0637

N-term:+29.04

GPAGAGESKCPMLMKVLDVAVR, MH+ 2239.2307, m/z 747.0817
 L OSG40 P180811 230811-s1.07900.07900.3.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+

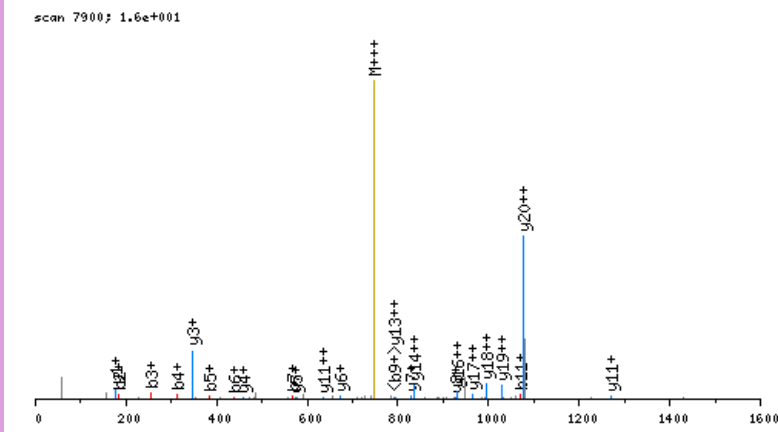
y + 2+ 3+

z + 2+ 3+

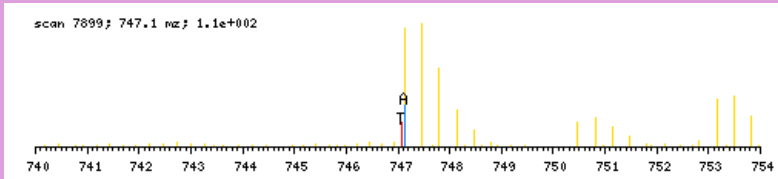
hide H₂O/NH₃

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 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

GPNVKGEYDVTVPR, MH+ 1586.8542, m/z 529.6229
 L OSG40 P180811 230811-s1.03945.03945.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

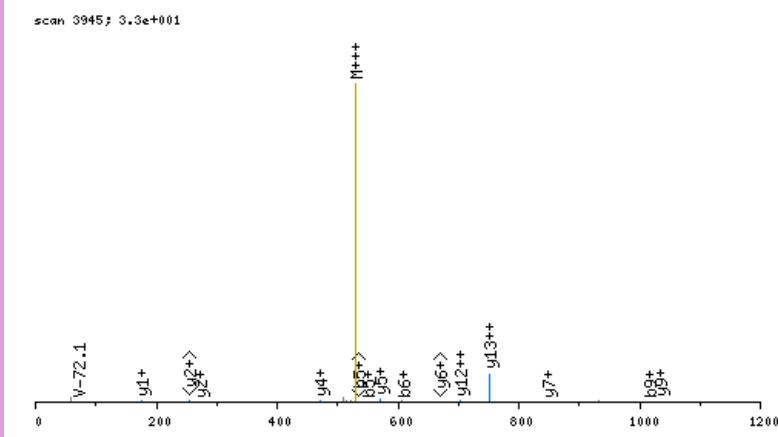
y + 2+ 3+

z + 2+ 3+

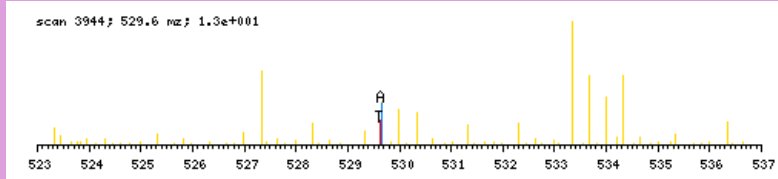
hide H₂O/NH₃

zoom 112-122

GO



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



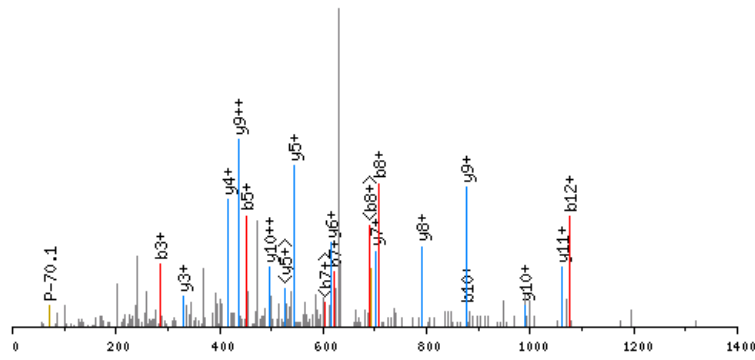
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 14		
183.1133	2	P 13	1501.8015	751.4047
297.1563	3	N 12	1404.7487	702.8783
396.2247	4	V 11	1290.7058	645.8568
552.3510	5	K 10	1191.6374	596.3226
609.3724	6	G 9	1035.5111	518.2595
738.4150	7	E 8	978.4896	489.7487
901.4784	8	Y 7	849.4470	425.2274
1016.5053	9	D 6	686.3837	343.6958
1115.5737	10	V 5	571.3568	286.1823
1216.6214	11	T 4	472.2884	236.6481
1315.6898	12	V 3	371.2407	186.1243
1412.7426	13	P 2	272.1723	136.5900
	14	R 1	175.1195	88.0637

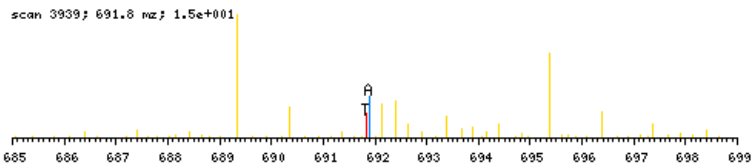
N-term:+29.04 K(5):+156.13

GPTPAPASPAAEVGSQEELSSSAQSPGR, MH+ 2764.3389, m/z 691.8402
 L OSG36 P180811 230811-s1.03942.03942.4.dta

scan 3942; 7.1e-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 29		
183.1133	2	P 28	2679.2862	1340.1470
284.1610	3	T 27	2582.2334	1291.6206
381.2138	4	P 26	2481.1857	1241.0968
452.2509	5	A 25	2384.1330	1192.5704
549.3036	6	P 24	2313.0959	1157.0518
620.3408	7	A 23	2216.0431	1108.5255
707.3728	8	S 22	2145.0060	1073.0069
804.4256	9	P 21	2057.9740	1029.4909
875.4627	10	A 20	1960.9212	980.9645
946.4998	11	A 19	1889.8841	945.4460
1075.5424	12	E 18	1818.8470	909.9274
1174.6108	13	V 17	1689.8044	845.4061
1231.6323	14	G 16	1590.7360	795.8719
1318.6643	15	S 15	1533.7145	767.3612
1446.7229	16	Q 14	1446.6825	723.8452
1575.7655	17	E 13	1318.6239	659.8159
1704.8080	18	E 12	1189.5813	595.2946
1775.8452	19	A 11	1060.5387	530.7733
1888.9292	20	L 10	989.5016	495.2547
1975.9613	21	S 9	876.4175	438.7127
2062.9933	22	S 8	789.3855	395.1967
2150.0253	23	S 7	702.3535	351.6807
2221.0624	24	A 6	615.3214	308.1646
2349.1210	25	Q 5	544.2843	272.6461
2436.1530	26	S 4	416.2258	208.6168
2533.2058	27	P 3	329.1937	165.1008
2590.2273	28	G 2	232.1410	116.5744
	29	R 1	175.1195	88.0637

N-term:+29.04

GQESGGFSGPGENR, MH+ 1412.6618, m/z 471.5588
 H OSG38 P180811 230811-s1.02211.02211.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

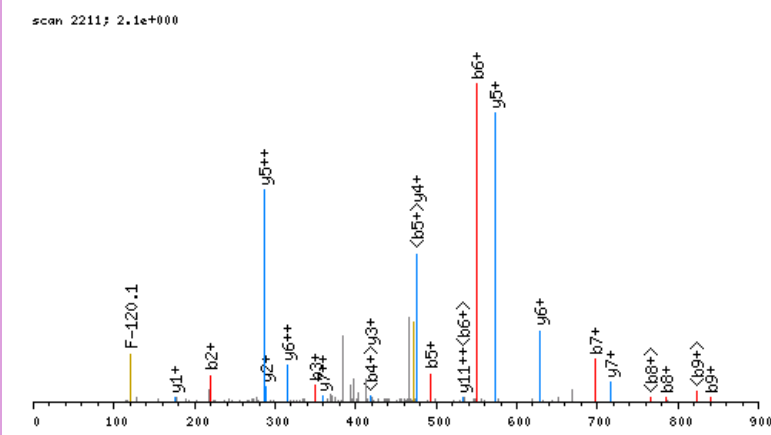
y + 2+ 3+

z + 2+ 3+

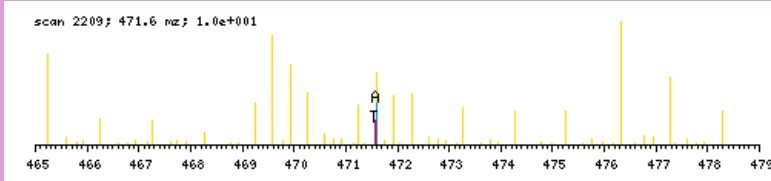
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
220.1509	2	Q 13	1321.5773	661.2926
349.1935	3	E 12	1193.5187	597.2633
436.2256	4	S 11	1064.4761	532.7420
493.2470	5	G 10	977.4441	489.2260
550.2685	6	G 9	920.4226	460.7152
697.3369	7	F 8	863.4012	432.2045
784.3689	8	S 7	716.3327	358.6703
841.3904	9	G 6	629.3007	315.1543
938.4432	10	P 5	572.2792	286.6435
995.4646	11	G 4	475.2265	238.1172
1124.5072	12	E 3	418.2050	209.6064
1238.5501	13	N 2	289.1624	145.0851
	14	R 1	175.1195	88.0637

N-term:+35.07

QLDQHPIDGYLSHTELAFLR, MH+ 2394.2630, m/z 599.3212
 H OSG40 P180811 230811-s1.07383.07383.4.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+

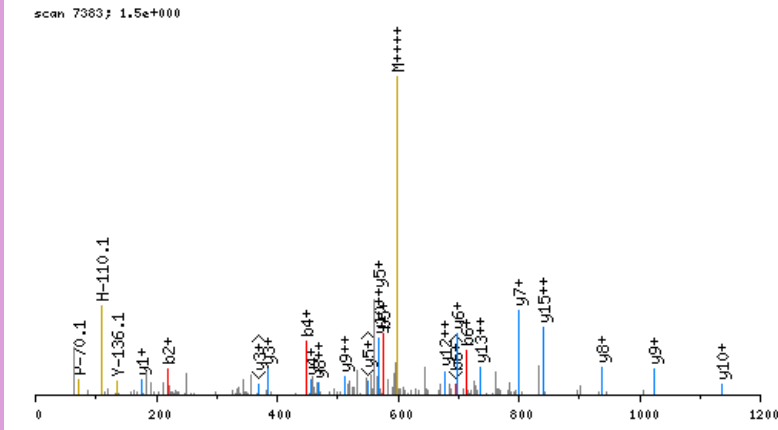
y + 2+ 3+

z + 2+ 3+

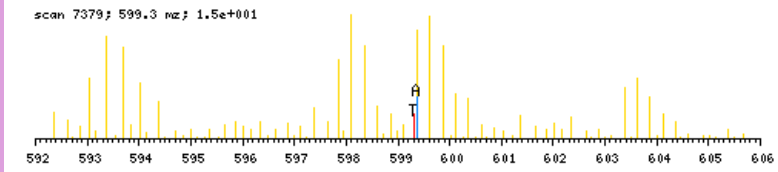
hide H₂O/NH₃

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 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

GQPPPEPSAPAKVVR, MH+ 1585.9066, m/z 529.3071
 L OSG39 P180811 230811-s1.02454.02454.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

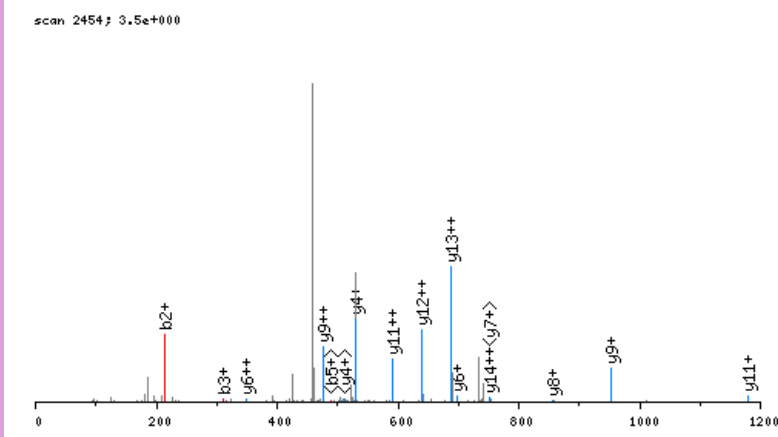
y + 2+ 3+

z + 2+ 3+

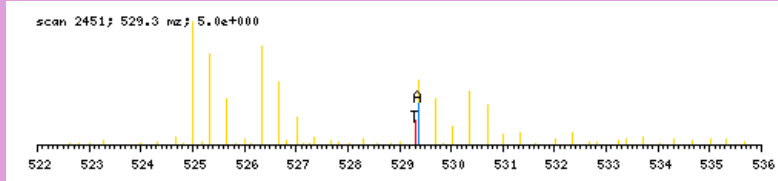
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
214.1191	2	Q	14	1500.8539	750.9308
311.1719	3	P	13	1372.7953	686.9016
408.2247	4	P	12	1275.7425	638.3752
505.2774	5	P	11	1178.6898	589.8488
634.3200	6	E	10	1081.6370	541.3224
731.3728	7	P	9	952.5944	476.8011
818.4048	8	S	8	855.5416	428.2747
889.4419	9	A	7	768.5096	384.7587
986.4947	10	P	6	697.4725	349.2402
1057.5318	11	A	5	600.4197	300.7138
1213.6581	12	K	4	529.3826	265.1952
1312.7265	13	V	3	373.2563	187.1321
1411.7949	14	V	2	274.1879	137.5979
	15	R	1	175.1195	88.0637

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

GQPQQTTGAASGGYIKR, MH+ 1788.0040, m/z 596.6729
 H OSG40 P180811 230811-s1.02238.02238.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

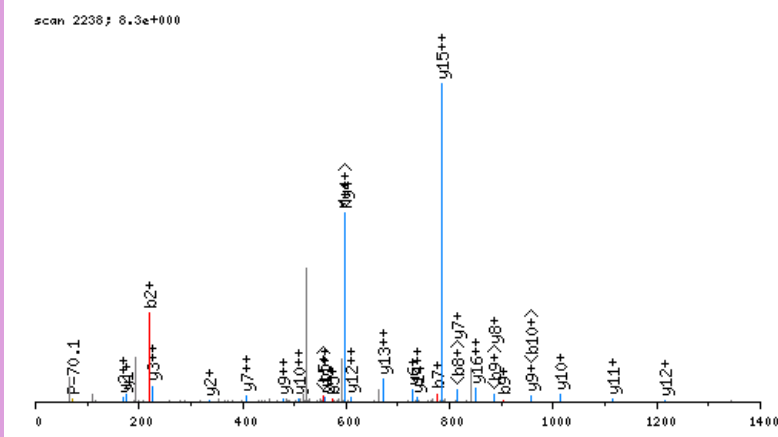
y + 2+ 3+

z + 2+ 3+

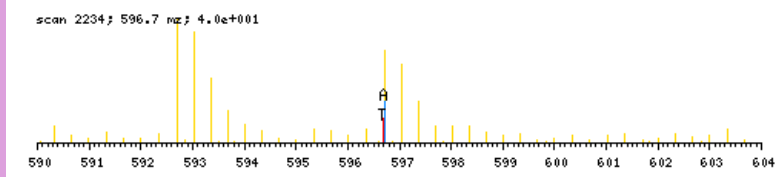
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
220.1509	2	Q 16	1696.9195	848.9637
317.2037	3	P 15	1568.8609	784.9344
445.2623	4	Q 14	1471.8082	736.4080
573.3209	5	Q 13	1343.7496	672.3787
674.3685	6	T 12	1215.6910	608.3494
775.4162	7	T 11	1114.6433	557.8256
832.4377	8	G 10	1013.5956	507.3017
903.4748	9	A 9	956.5742	478.7910
974.5119	10	A 8	885.5371	443.2724
1061.5439	11	S 7	814.4999	407.7539
1118.5654	12	G 6	727.4679	364.2379
1175.5869	13	G 5	670.4465	335.7271
1338.6502	14	Y 4	613.4250	307.2164
1451.7343	15	I 3	450.3617	225.6847
1613.8924	16	K 2	337.2776	169.1427
	17	R 1	175.1195	88.0637

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

GQVVQFKLSDIGEGIR, MH+ 1814.0812, m/z 605.3653
 H OSG39 P180811 230811-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+

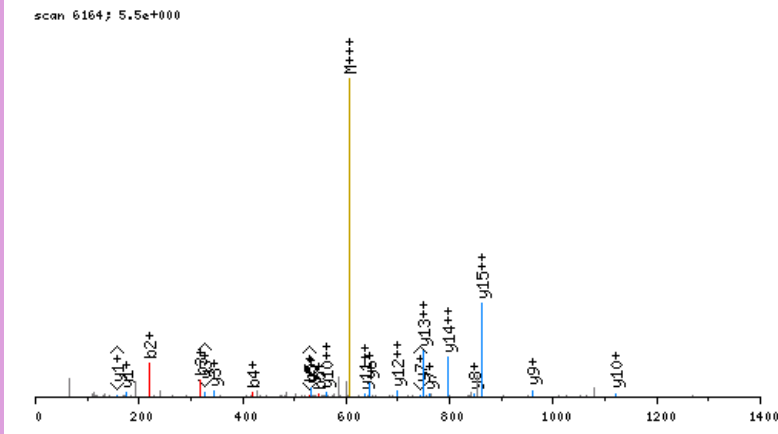
y + 2+ 3+

z + 2+ 3+

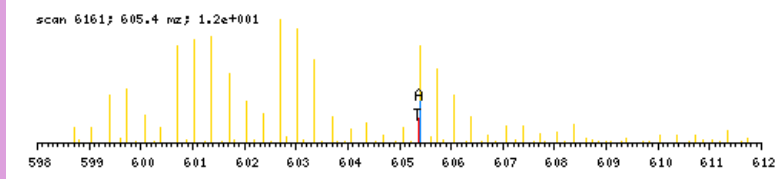
hide H₂O/NH₃

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⁺
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

GRVPDSIDYR, MH+ 1205.6278, m/z 402.5475
 L OSG40 P180811 230811-s1.03210.03210.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

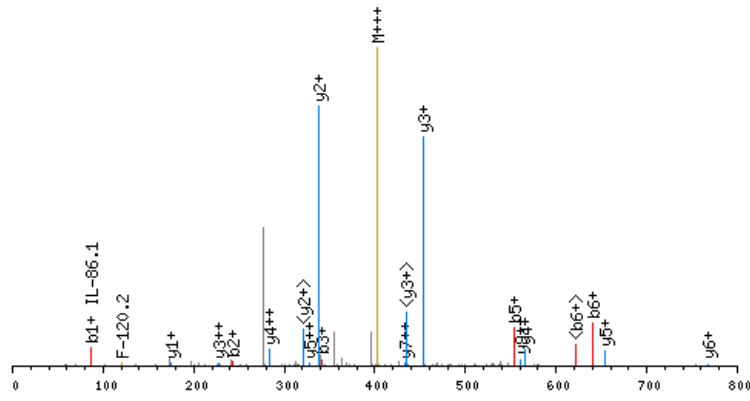
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

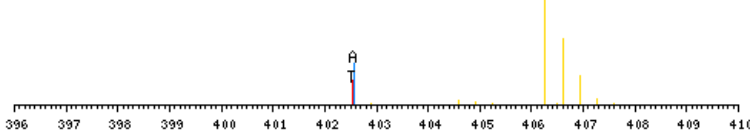
GO

scan 3210; 8.8e+000



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

scan 3209; 402.5 m/z; 1.9e+003



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

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 10		
242.1617	2	R 9	1120.5751	560.7915
341.2301	3	V 8	964.4740	482.7409
438.2829	4	P 7	865.4056	433.2067
553.3098	5	D 6	768.3528	384.6803
640.3418	6	S 5	653.3259	327.1668
753.4259	7	I 4	566.2938	283.6508
868.4528	8	D 3	453.2098	227.1088
1031.5162	9	Y 2	338.1828	169.5953
	10	R 1	175.1195	88.0637

N-term:+29.04

GSGLCAGFAGDDAPR, MH+ 1646.8596, m/z 549.6247
 H OSG36 P180811 230811-s1.02282.02282.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

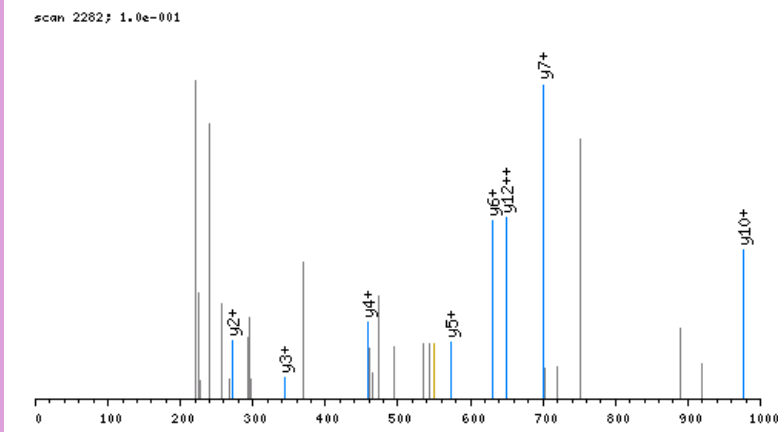
y + 2+ 3+

z + 2+ 3+

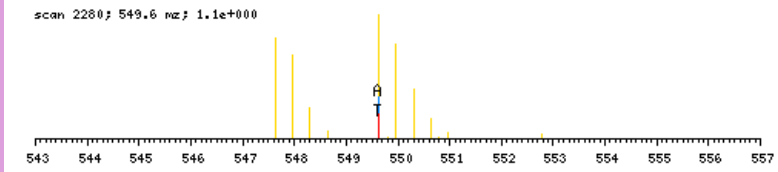
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
179.1244	2	S	15	1555.7751	778.3915
236.1459	3	G	14	1468.7431	734.8754
349.2299	4	L	13	1411.7216	706.3647
509.2605	5	C	12	1298.6375	649.8227
671.4186	6	K	11	1138.6069	569.8074
742.4557	7	A	10	976.4488	488.7283
799.4772	8	G	9	905.4117	453.2098
946.5456	9	F	8	848.3903	424.6990
1017.5827	10	A	7	701.3218	351.1648
1074.6042	11	G	6	630.2847	315.6463
1189.6311	12	D	5	573.2633	287.1355
1304.6581	13	D	4	458.2363	229.6221
1375.6952	14	A	3	343.2094	172.1086
1472.7480	15	P	2	272.1723	136.5900
	16	R	1	175.1195	88.0637

N-term:+35.07 C(5):+160.03
 K(6):+162.16

GSGLVKAGFAGDDAPR, MH+ 1573.8338, m/z 525.2828
 L OSG39 P180811 230811-s1.03103.03103.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

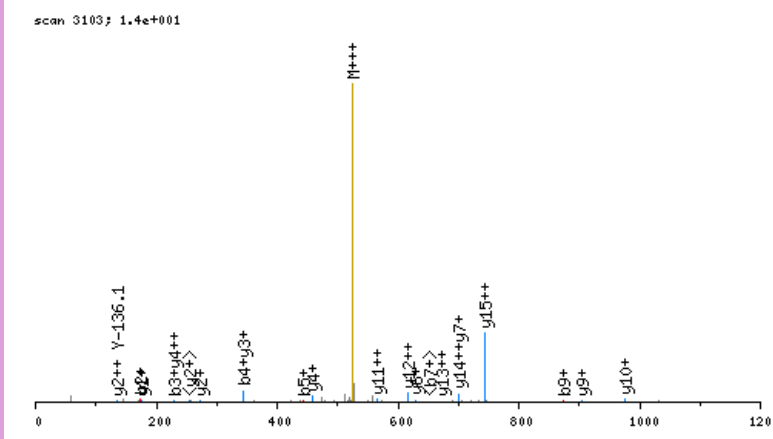
y + 2+ 3+

z + 2+ 3+

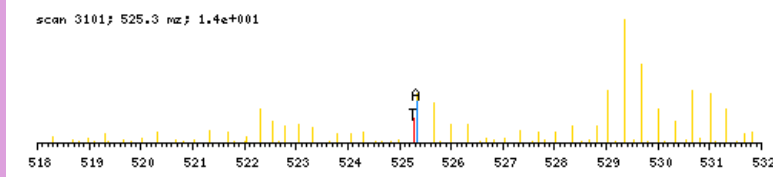
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	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 OSG39 P180811 230811-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+

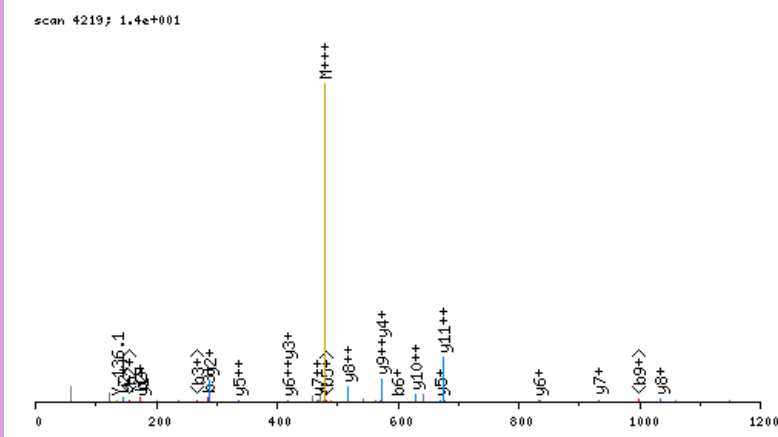
y + 2+ 3+

z + 2+ 3+

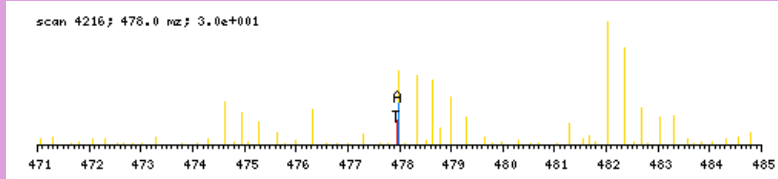
hide H₂O/NH₃

zoom 112-122

GO



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



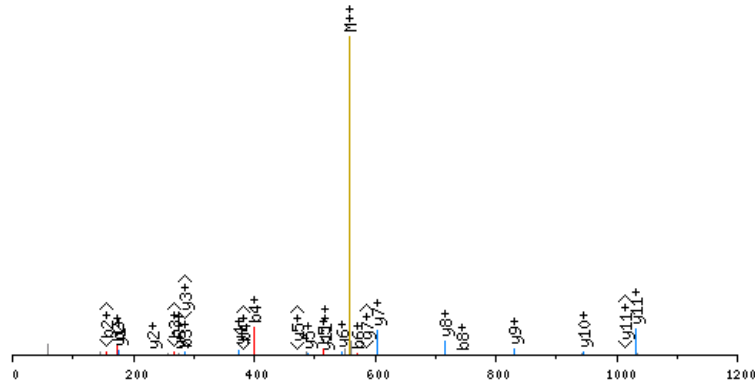
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 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

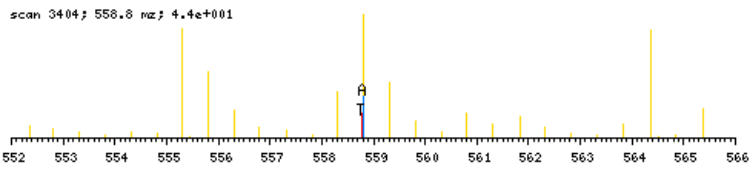
N-term:+29.04 K(9):+156.13

GSLDLGGDAAGR, MH+ 1116.5649, m/z 558.7861
 L OSG38 P180811 230811-s1.03406.03406.2.dta

scan 3406; 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	12		
173.0926	2	S	11	1031.5122	516.2600
286.1767	3	L	10	944.4801	472.7440
401.2036	4	D	9	831.3961	416.2019
514.2877	5	L	8	716.3691	358.6885
571.3091	6	G	7	603.2851	302.1464
628.3306	7	G	6	546.2636	273.6357
743.3575	8	D	5	489.2421	245.1250
814.3946	9	A	4	374.2152	187.6115
885.4318	10	A	3	303.1781	152.0930
942.4532	11	G	2	232.1410	116.5744
	12	R	1	175.1195	88.0637

N-term:+29.04

GSSQSVEIPGGTEGYHVLK, MH+ 2058.0256, m/z 686.6800
 L OSG39 P180811 230811-s1.04445.04445.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

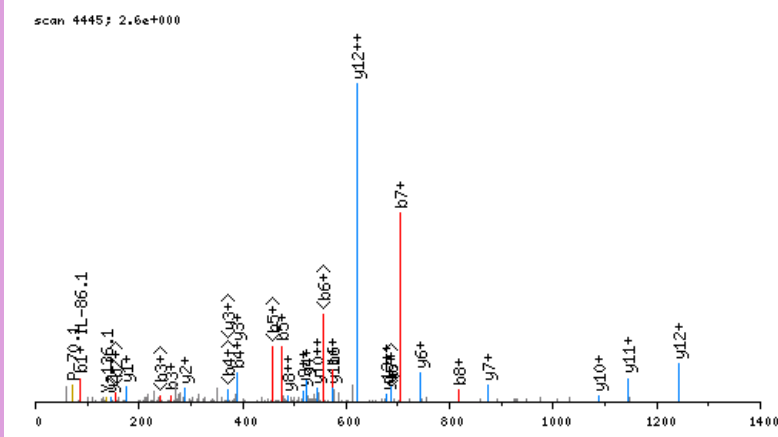
y + 2+ 3+

z + 2+ 3+

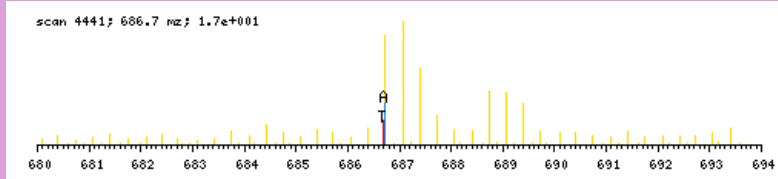
hide H₂O/NH₃

zoom 112-122

GO



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



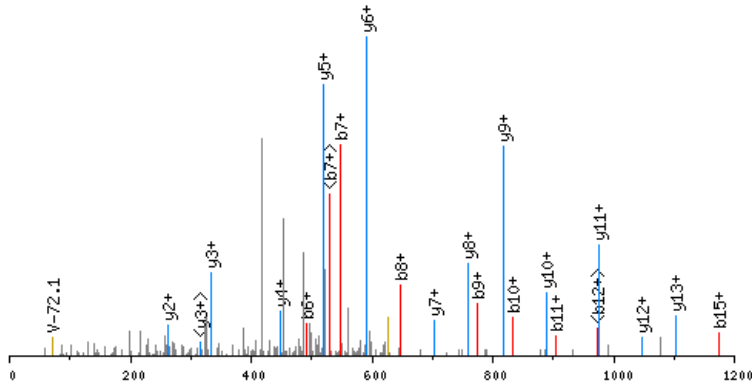
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

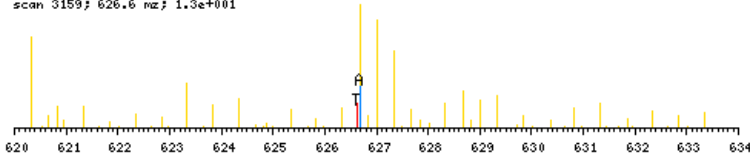
GSSSGSGVQGASAGGLAADASR, MH+ 1877.8953, m/z 626.6366
 L OSG37 P180811 230811-s1.03163.03163.3.dta

scan 3163; 1.1e+000



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

scan 3159; 626.6 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

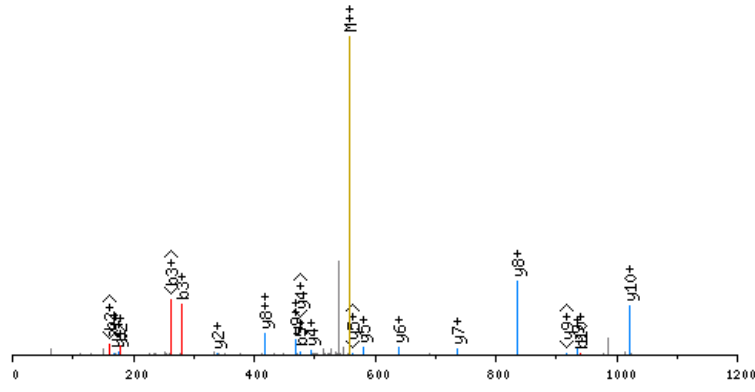
GO

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 22		
173.0926	2	S 21	1792.8426	896.9252
260.1246	3	S 20	1705.8105	853.4092
347.1566	4	S 19	1618.7785	809.8932
404.1781	5	G 18	1531.7465	766.3771
491.2101	6	S 17	1474.7250	737.8664
548.2316	7	G 16	1387.6930	694.3504
647.3000	8	V 15	1330.6715	665.8397
775.3586	9	Q 14	1231.6031	616.3055
832.3801	10	G 13	1103.5445	552.2762
903.4172	11	A 12	1046.5231	523.7654
990.4492	12	S 11	975.4859	488.2469
1061.4863	13	A 10	888.4539	444.7309
1118.5078	14	G 9	817.4168	409.2123
1175.5292	15	G 8	760.3953	380.7016
1288.6133	16	L 7	703.3739	352.1909
1359.6504	17	A 6	590.2898	295.6488
1430.6875	18	A 5	519.2527	260.1303
1545.7145	19	D 4	448.2156	224.6117
1616.7516	20	A 3	333.1886	167.0982
1703.7836	21	S 2	262.1515	131.5797
	22	R 1	175.1195	88.0637

N-term:+29.04

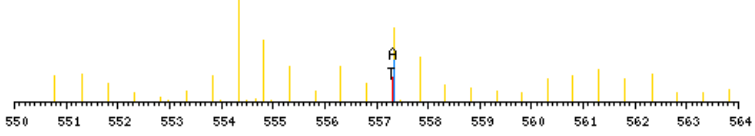
GSTPVGSGVYR, MH+ 1113.6116, m/z 557.3094
 H OSG38 P180811 230811-s1.02507.02507.2.dta

scan 2507; 4.9e+000



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

scan 2504; 557.3 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⁺
92.0924	1	G	11		
179.1244	2	S	10	1022.5271	511.7675
280.1721	3	T	9	935.4951	468.2514
377.2248	4	P	8	834.4474	417.7276
476.2932	5	V	7	737.3946	369.2012
533.3147	6	G	6	638.3262	319.6670
620.3467	7	S	5	581.3047	291.1563
677.3682	8	G	4	494.2727	247.6403
776.4366	9	V	3	437.2512	219.1295
939.4999	10	Y	2	338.1828	169.5953
	11	R	1	175.1195	88.0637

N-term:+35.07

GSVELAHLHGILR, MH+ 1429.8279, m/z 477.2808
 L OSG40 P180811 230811-s1.07747.07747.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

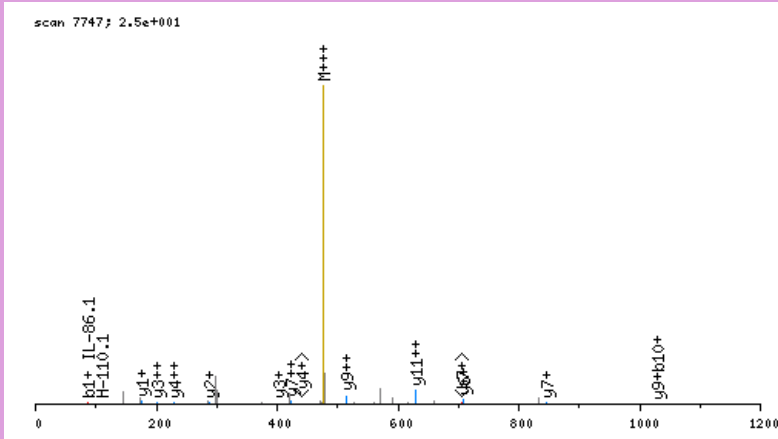
y + 2+ 3+

z + 2+ 3+

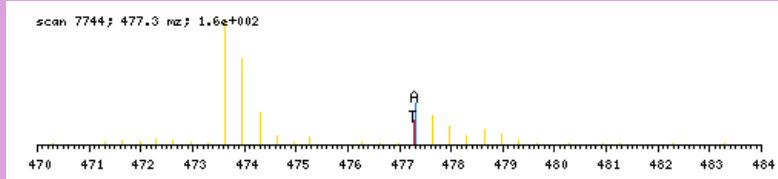
hide H₂O/NH₃

zoom 112-122

GO



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



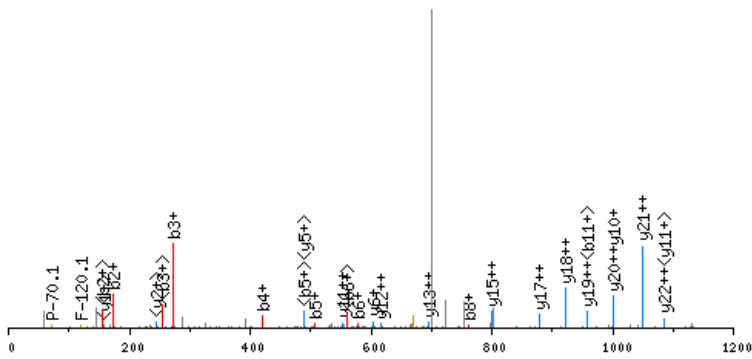
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 13		
173.0926	2	S 12	1344.7752	672.8915
272.1610	3	V 11	1257.7432	629.3755
401.2036	4	E 10	1158.6748	579.8413
514.2877	5	L 9	1029.6322	515.3200
585.3248	6	A 8	916.5481	458.7780
722.3837	7	H 7	845.5110	423.2594
835.4678	8	L 6	708.4521	354.7299
972.5267	9	H 5	595.3680	298.1879
1029.5481	10	G 4	458.3091	229.6585
1142.6322	11	I 3	401.2876	201.1477
1255.7163	12	L 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+29.04

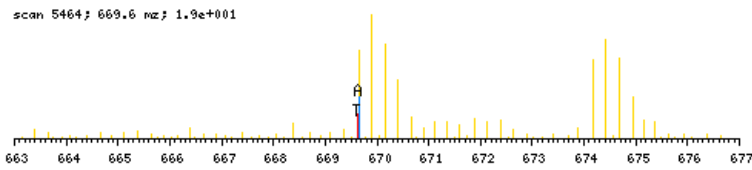
GSVFSAPSASGTPNKETAGLKVGVSRR, MH+ 2675.4369, m/z 669.6147
L OSG40 P180811 230811-s1.05467.05467.4.dta

scan 5467; 4.8e+000



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

scan 5464; 669.6 nz; 1.9e+001



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

b ⁺	#	AA	#	y ⁺	y ²⁺
86.0606	1	G	27		
173.0926	2	S	26	2590.3841	1295.6960
272.1610	3	V	25	2503.3521	1252.1800
419.2294	4	F	24	2404.2837	1202.6458
506.2614	5	S	23	2257.2153	1129.1115
577.2986	6	A	22	2170.1832	1085.5955
674.3513	7	P	21	2099.1461	1050.0770
761.3834	8	S	20	2002.0934	1001.5506
832.4205	9	A	19	1915.0613	958.0346
919.4525	10	S	18	1844.0242	922.5160
976.4740	11	G	17	1756.9922	879.0000
1077.5216	12	T	16	1699.9707	850.4893
1174.5744	13	P	15	1598.9231	799.9654
1288.6173	14	N	14	1501.8703	751.4391
1444.7436	15	K	13	1387.8274	694.4176
1573.7862	16	E	12	1231.7011	616.3544
1674.8339	17	T	11	1102.6585	551.8331
1745.8710	18	A	10	1001.6108	501.3093
1802.8925	19	G	9	930.5737	465.7908
1915.9765	20	L	8	873.5522	437.2800
2072.1028	21	K	7	760.4681	380.7380
2171.1713	22	V	6	604.3418	302.6748
2228.1927	23	G	5	505.2734	253.1406
2327.2611	24	V	4	448.2520	224.6299
2414.2932	25	S	3	349.1836	175.0957
2501.3252	26	S	2	262.1515	131.5797
	27	R	1	175.1195	88.0637

N-term: +29.04 K(15): +156.13
K(21): +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

GSVKPYTNFDAER, MH+ 1539.7807, m/z 513.9318
 L OSG40 P180811 230811-s1.03330.03330.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

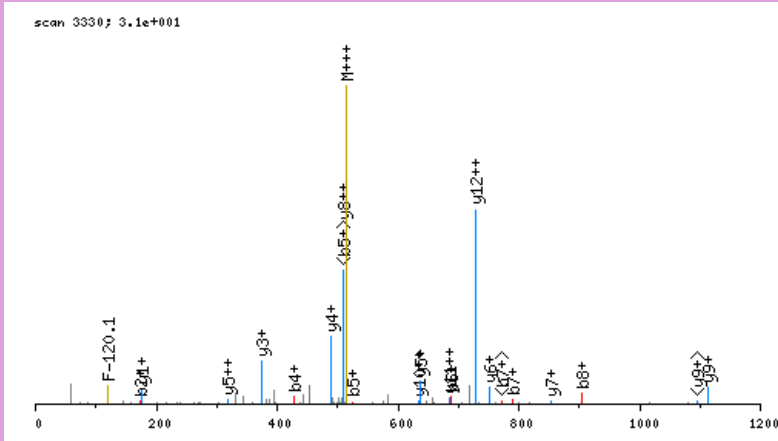
y + 2+ 3+

z + 2+ 3+

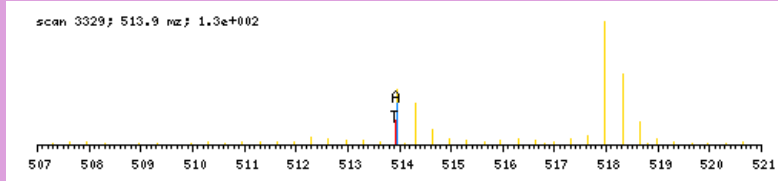
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

GSVVKSEDYAFPTYADR, MH+ 1960.9656, m/z 654.3267
 L OSG39 P180811 230811-s1.04444.04444.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

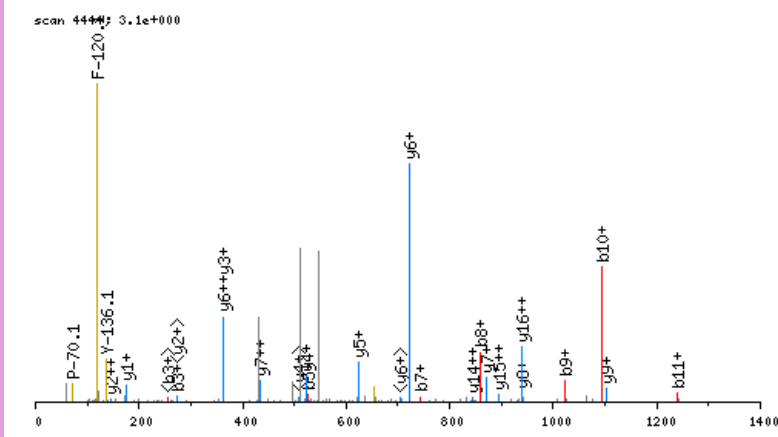
y + 2+ 3+

z + 2+ 3+

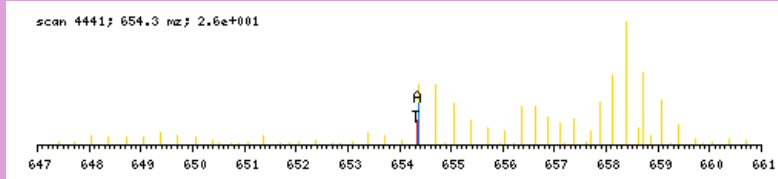
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
173.0926	2	S 16	1875.9129	938.4604
272.1610	3	V 15	1788.8809	894.9444
371.2294	4	V 14	1689.8125	845.4101
527.3557	5	K 13	1590.7440	795.8759
614.3877	6	S 12	1434.6177	717.8128
743.4303	7	E 11	1347.5857	674.2968
858.4573	8	D 10	1218.5431	609.7755
1021.5206	9	Y 9	1103.5162	552.2620
1092.5577	10	A 8	940.4529	470.7303
1239.6261	11	F 7	869.4157	435.2118
1336.6789	12	P 6	722.3473	361.6776
1437.7266	13	T 5	625.2946	313.1512
1600.7899	14	Y 4	524.2469	262.6274
1671.8270	15	A 3	361.1836	181.0957
1786.8540	16	D 2	290.1464	145.5771
	17	R 1	175.1195	88.0637

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

GTEYMQDPDEEALR, MH+ 1681.7379, m/z 561.2508
 L OSG37 P180811 230811-s1.04503.04503.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

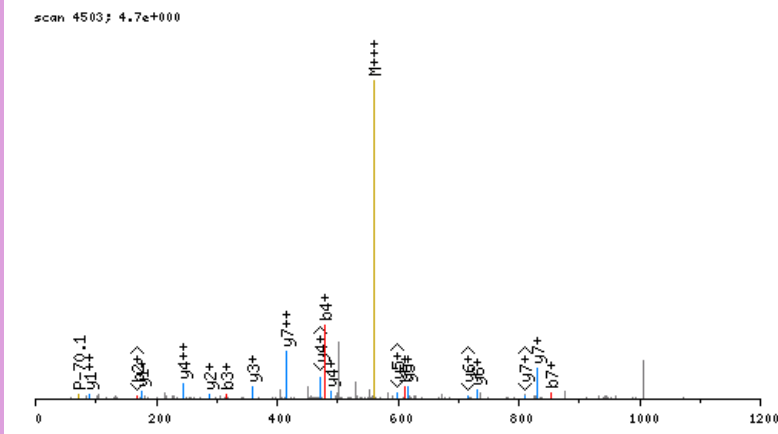
y + 2+ 3+

z + 2+ 3+

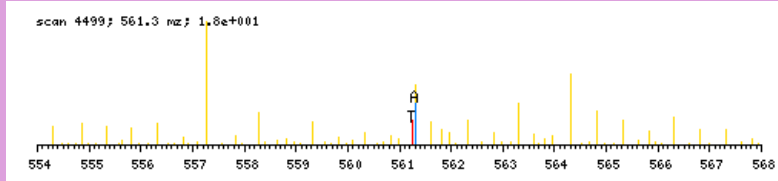
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
187.1082	2	T 13	1596.6852	798.8465
316.1508	3	E 12	1495.6375	748.3227
479.2142	4	Y 11	1366.5949	683.8014
610.2546	5	M 10	1203.5316	602.2697
738.3132	6	Q 9	1072.4911	536.7495
853.3402	7	D 8	944.4325	472.7202
950.3929	8	P 7	829.4056	415.2067
1065.4199	9	D 6	732.3528	366.6803
1194.4625	10	E 5	617.3259	309.1668
1323.5051	11	E 4	488.2833	244.6455
1394.5422	12	A 3	359.2407	180.1243
1507.6262	13	L 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+29.04

GTEYMQDPDEEALRR, MH+ 1837.8390, m/z 613.2845
 L OSG40 P180811 230811-s1.04445.04445.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

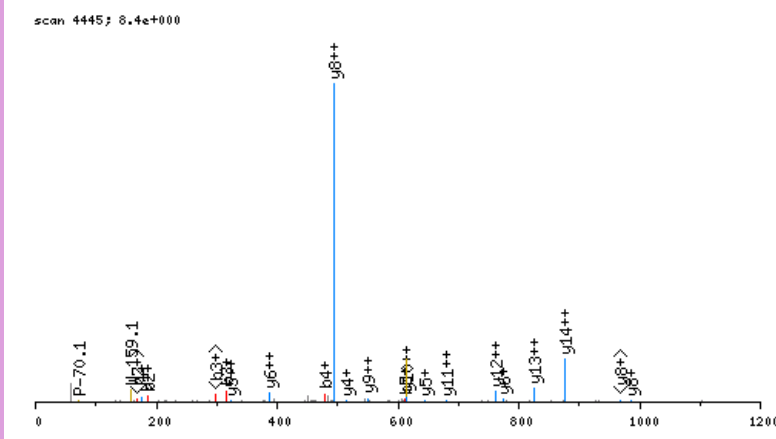
y + 2+ 3+

z + 2+ 3+

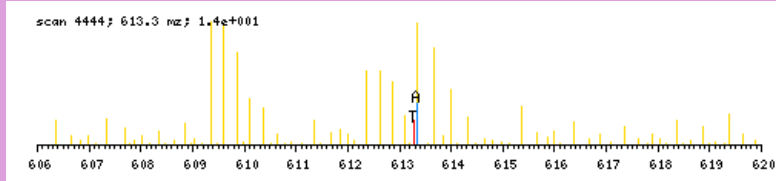
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
187.1082	2	T	14	1752.7863	876.8971
316.1508	3	E	13	1651.7386	826.3732
479.2142	4	Y	12	1522.6960	761.8519
610.2546	5	M	11	1359.6327	680.3203
738.3132	6	Q	10	1228.5922	614.8000
853.3402	7	D	9	1100.5336	550.7707
950.3929	8	P	8	985.5067	493.2573
1065.4199	9	D	7	888.4539	444.7309
1194.4625	10	E	6	773.4270	387.2174
1323.5051	11	E	5	644.3844	322.6961
1394.5422	12	A	4	515.3418	258.1748
1507.6262	13	L	3	444.3047	222.6563
1663.7274	14	R	2	331.2206	166.1142
	15	R	1	175.1195	88.0637

N-term:+29.04

GTGGVDTAAVGAVFDISNADR, MH+ 2020.9939, m/z 674.3362
 L OSG37 P180811 230811-s1.08033.08033.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

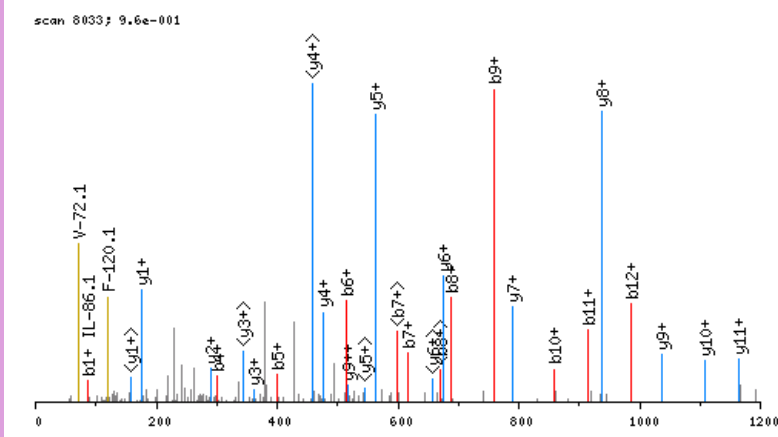
y + 2+ 3+

z + 2+ 3+

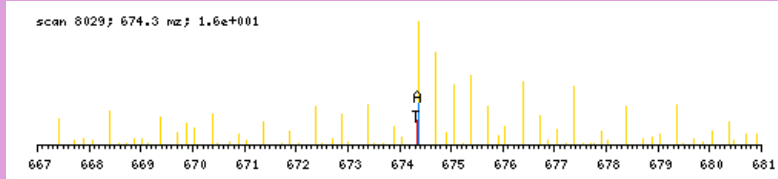
hide H₂O/NH₃

zoom 112-122

GO



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



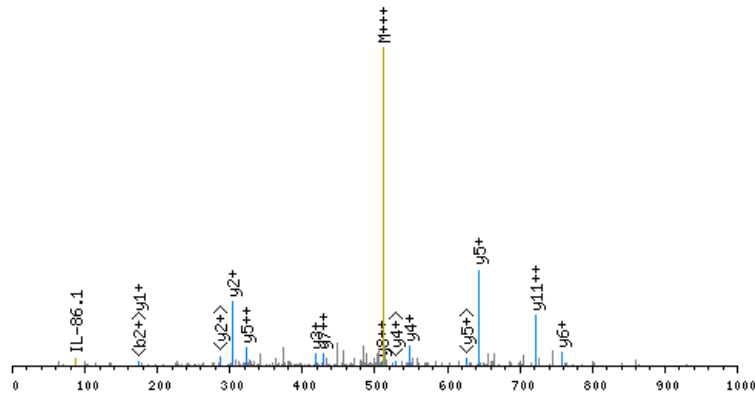
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 21		
187.1082	2	T 20	1935.9412	968.4745
244.1297	3	G 19	1834.8935	917.9507
301.1512	4	G 18	1777.8721	889.4399
400.2196	5	V 17	1720.8506	860.9292
515.2465	6	D 16	1621.7822	811.3950
616.2942	7	T 15	1506.7552	753.8815
687.3313	8	A 14	1405.7076	703.3577
758.3684	9	A 13	1334.6705	667.8391
857.4368	10	V 12	1263.6333	632.3206
914.4583	11	G 11	1164.5649	582.7864
985.4954	12	A 10	1107.5435	554.2756
1084.5638	13	V 9	1036.5063	518.7571
1231.6323	14	F 8	937.4379	469.2229
1346.6592	15	D 7	790.3695	395.6887
1459.7433	16	I 6	675.3426	338.1752
1546.7753	17	S 5	562.2585	281.6332
1660.8182	18	N 4	475.2265	238.1172
1731.8553	19	A 3	361.1836	181.0957
1846.8823	20	D 2	290.1464	145.5771
	21	R 1	175.1195	88.0637

N-term:+29.04

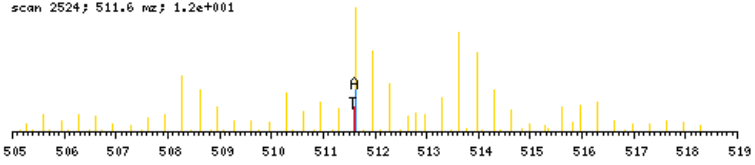
GTKCCTLPEDQR, MH+ 1532.7836, m/z 511.5994
 H OSG40 P180811 230811-s1.02525.02525.3.dta

scan 2525; 2.3e+000



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

scan 2524; 511.6 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	12	
193.1400	2	T	11	1441.6991
355.2981	3	K	10	1340.6514
515.3287	4	C	9	1178.4933
675.3593	5	C	8	1018.4627
776.4070	6	T	7	858.4321
889.4911	7	L	6	757.3844
986.5438	8	P	5	644.3004
1115.5864	9	E	4	547.2476
1230.6134	10	D	3	418.2050
1358.6720	11	Q	2	303.1781
	12	R	1	175.1195

N-term:+35.07 K(3):+162.16
 C(4):+160.03 C(5):+160.03

GTLDPSSLDETAYER, MH+ 1795.8350, m/z 599.2832
 L OSG37 P180811 230811-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+

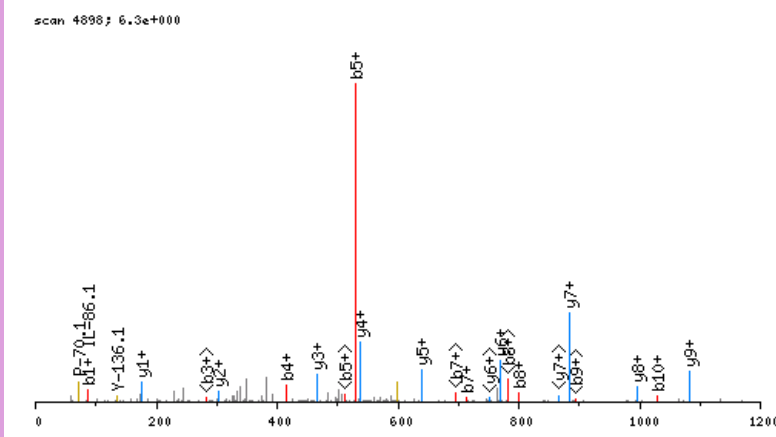
y + 2+ 3+

z + 2+ 3+

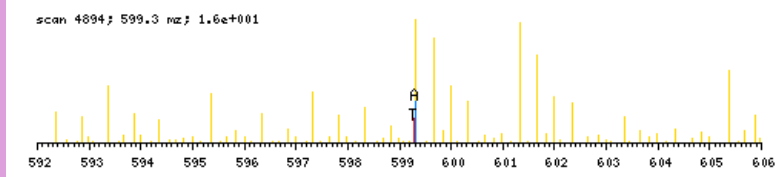
hide H₂O/NH₃

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⁺
86.0606	1	G 16		
187.1082	2	T 15	1710.7822	855.8950
300.1923	3	L 14	1609.7346	805.3712
415.2192	4	D 13	1496.6505	748.8292
529.2622	5	N 12	1381.6236	691.3157
626.3149	6	P 11	1267.5806	634.2942
713.3470	7	S 10	1170.5279	585.7678
800.3790	8	S 9	1083.4958	542.2518
913.4631	9	L 8	996.4638	498.7358
1028.4900	10	D 7	883.3798	442.1938
1157.5326	11	E 6	768.3528	384.6803
1258.5803	12	T 5	639.3102	320.1590
1329.6174	13	A 4	538.2625	269.6352
1492.6807	14	Y 3	467.2254	234.1166
1621.7233	15	E 2	304.1621	152.5850
	16	R 1	175.1195	88.0637

N-term:+29.04

GINKGASQAGMLAPGTR, MH+ 1672.8805, m/z 558.2983
 L OSG40 P180811 230811-s1.02332.02332.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

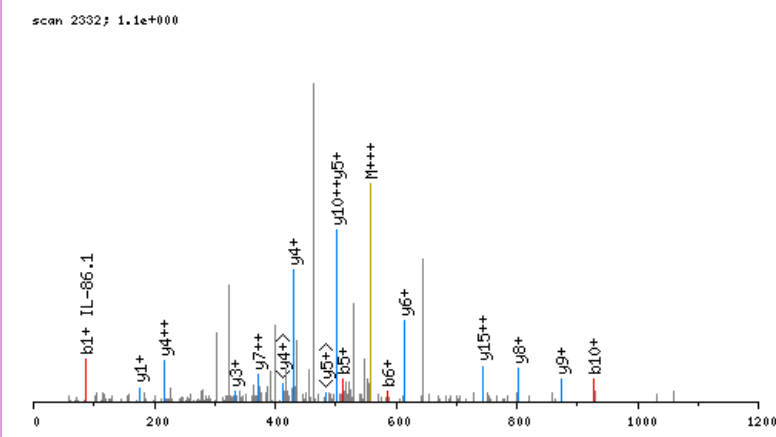
y + 2+ 3+

z + 2+ 3+

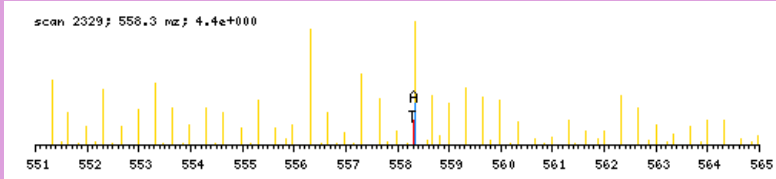
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
187.1082	2	T 16	1587.8277	794.4178
301.1512	3	N 15	1486.7801	743.8939
457.2775	4	K 14	1372.7371	686.8725
514.2989	5	G 13	1216.6108	608.8093
585.3360	6	A 12	1159.5894	580.2986
672.3681	7	S 11	1088.5523	544.7800
800.4267	8	Q 10	1001.5202	501.2640
871.4638	9	A 9	873.4616	437.2347
928.4852	10	G 8	802.4245	401.7162
1059.5257	11	M 7	745.4031	373.2054
1172.6098	12	L 6	614.3626	307.6852
1243.6469	13	A 5	501.2785	251.1432
1340.6997	14	P 4	430.2414	215.6246
1397.7211	15	G 3	333.1886	167.0982
1498.7688	16	T 2	276.1672	138.5875
	17	R 1	175.1195	88.0637

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

GTPSGTAEPYDGTKAR, MH+ 1675.8928, m/z 559.3024
 H OSG39 P180811 230811-s1.02099.02099.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

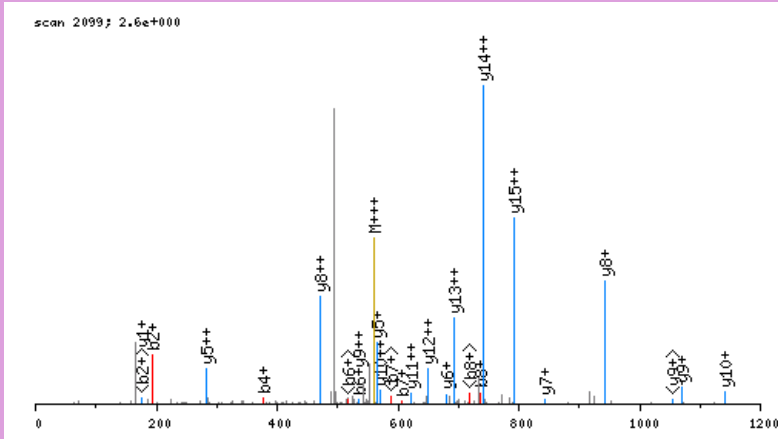
y + 2+ 3+

z + 2+ 3+

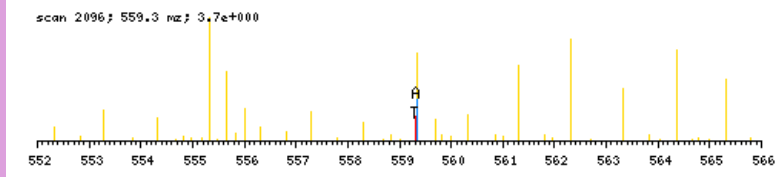
hide H₂O/NH₃

zoom 112-122

GO



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



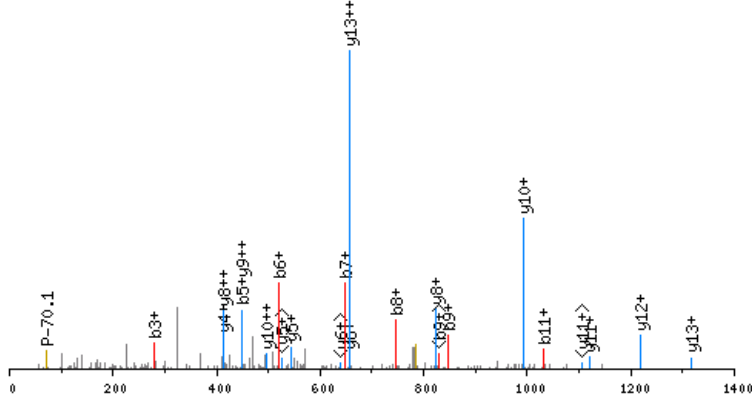
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 16		
193.1400	2	T 15	1584.8082	792.9080
290.1928	3	P 14	1483.7605	742.3842
377.2248	4	S 13	1386.7078	693.8578
434.2463	5	G 12	1299.6757	650.3418
535.2940	6	T 11	1242.6543	621.8311
606.3311	7	A 10	1141.6066	571.3072
735.3737	8	E 9	1070.5695	535.7887
832.4264	9	P 8	941.5269	471.2674
995.4898	10	Y 7	844.4741	422.7410
1110.5167	11	D 6	681.4108	341.2093
1167.5382	12	G 5	566.3839	283.6958
1268.5859	13	T 4	509.3624	255.1851
1430.7440	14	K 3	408.3147	204.6613
1501.7811	15	A 2	246.1566	123.5822
	16	R 1	175.1195	88.0637

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

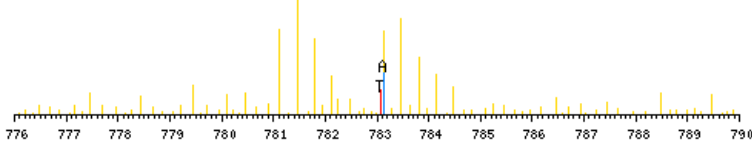
GTSPAAEVTPSPPEPAPALEAPAR, MH+ 2347.2357, m/z 783.0834
 H OSG36 P180811 230811-s1.03937.03937.3.dta

scan 3937; 1.9e+000



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

scan 3934; 783.1 nz; 4.8e+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⁺
92.0924	1	G 24		
193.1400	2	T 23	2256.1512	1128.5795
280.1721	3	S 22	2155.1035	1078.0557
377.2248	4	P 21	2068.0715	1034.5397
448.2619	5	A 20	1971.0187	986.0133
519.2991	6	A 19	1899.9816	950.4947
648.3417	7	E 18	1828.9445	914.9762
747.4101	8	V 17	1699.9019	850.4549
848.4577	9	T 16	1600.8335	800.9207
945.5105	10	P 15	1499.7858	750.3968
1032.5425	11	S 14	1402.7331	701.8704
1129.5953	12	P 13	1315.7010	658.3544
1226.6481	13	P 12	1218.6483	609.8280
1355.6907	14	E 11	1121.5955	561.3017
1452.7434	15	P 10	992.5529	496.7804
1523.7805	16	A 9	895.5001	448.2540
1620.8333	17	P 8	824.4630	412.7354
1691.8704	18	A 7	727.4103	364.2090
1804.9545	19	L 6	656.3731	328.6905
1933.9971	20	E 5	543.2891	272.1485
2005.0342	21	A 4	414.2465	207.6272
2102.0870	22	P 3	343.2094	172.1086
2173.1241	23	A 2	246.1566	123.5822
	24	R 1	175.1195	88.0637

N-term:+35.07

GVDTAAVGAVFDISNADR, MH+ 1811.9351, m/z 604.6499
 H OSG37 P180811 230811-s1.07872.07872.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

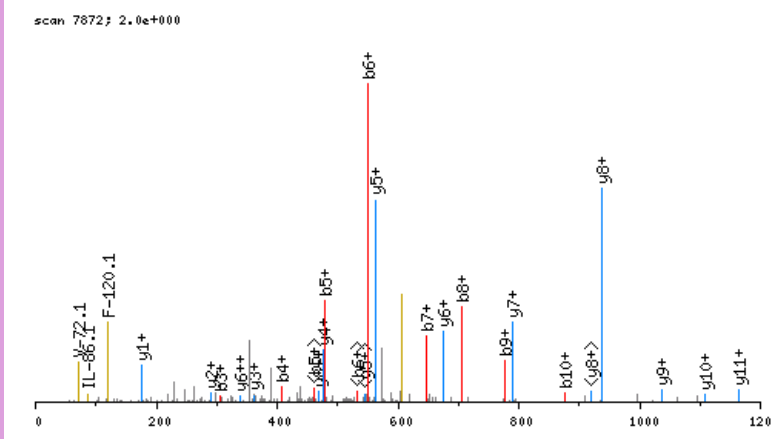
y + 2+ 3+

z + 2+ 3+

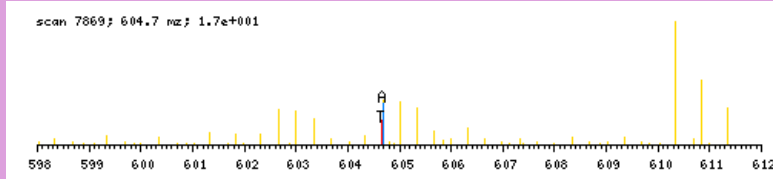
hide H₂O/NH₃

zoom 112-122

GO



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



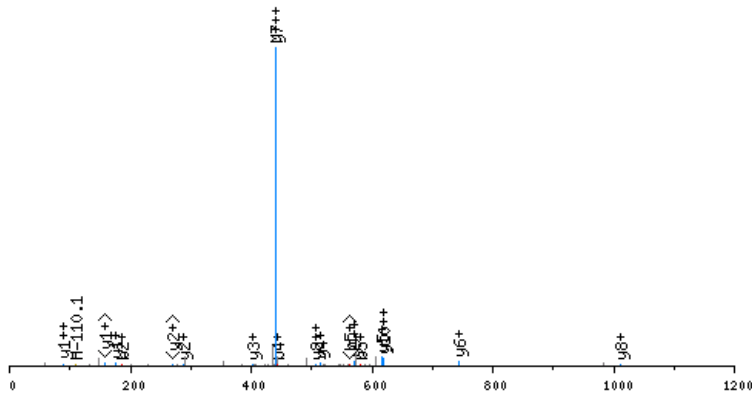
zoomed in precursor plot; T-theoretical m/z, A-acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
92.0924	1	G 18		
191.1608	2	V 17	1720.8506	860.9292
306.1877	3	D 16	1621.7822	811.3950
407.2354	4	T 15	1506.7552	753.8815
478.2725	5	A 14	1405.7076	703.3577
549.3096	6	A 13	1334.6705	667.8391
648.3780	7	V 12	1263.6333	632.3206
705.3995	8	G 11	1164.5649	582.7864
776.4366	9	A 10	1107.5435	554.2756
875.5050	10	V 9	1036.5063	518.7571
1022.5734	11	F 8	937.4379	469.2229
1137.6004	12	D 7	790.3695	395.6887
1250.6845	13	I 6	675.3426	338.1752
1337.7165	14	S 5	562.2585	281.6332
1451.7594	15	N 4	475.2265	238.1172
1522.7965	16	A 3	361.1836	181.0957
1637.8235	17	D 2	290.1464	145.5771
	18	R 1	175.1195	88.0637

N-term:+35.07

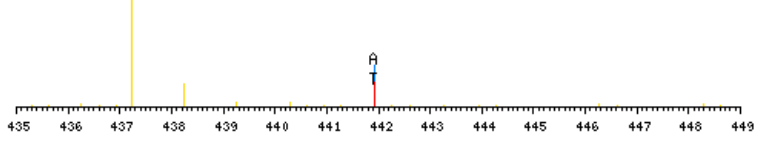
GVEEHETLLLR, MH+ 1323.7272, m/z 441.9139
 L OSG40 P180811 230811-s1.04771.04771.3.dta

scan 4771; 1.4e+001



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

scan 4769; 441.9 m/z; 7.8e+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⁺
86.0606	1	G 11		
185.1290	2	V 10	1238.6745	619.8412
314.1716	3	E 9	1139.6061	570.3069
443.2142	4	E 8	1010.5635	505.7856
580.2731	5	H 7	881.5209	441.2644
709.3157	6	E 6	744.4620	372.7349
810.3633	7	T 5	615.4194	308.2136
923.4474	8	L 4	514.3717	257.6898
1036.5315	9	L 3	401.2876	201.1477
1149.6155	10	L 2	288.2036	144.6057
	11	R 1	175.1195	88.0637

N-term:+29.04

GVEGPKGDGPQGPR, MH+ 1503.7920, m/z 501.9355
 L OSG40 P180811 230811-s1.02083.02083.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

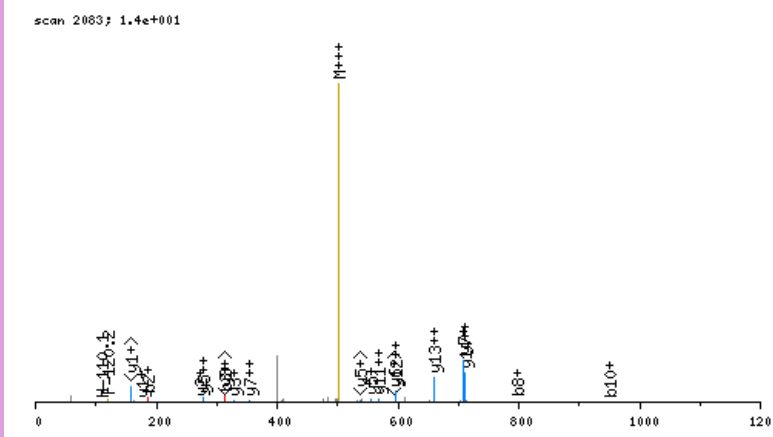
y + 2+ 3+

z + 2+ 3+

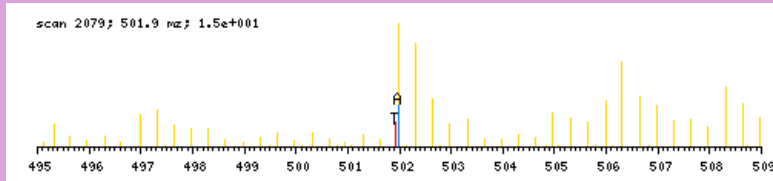
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
185.1290	2	V 14	1418.7392	709.8735
314.1716	3	E 13	1319.6708	660.3393
371.1930	4	G 12	1190.6282	595.8180
468.2458	5	P 11	1133.6068	567.3073
624.3721	6	K 10	1036.5540	518.7809
681.3936	7	G 9	880.4277	440.7178
796.4205	8	D 8	823.4062	412.2070
893.4733	9	P 7	708.3793	354.6936
950.4947	10	G 6	611.3265	306.1672
1047.5475	11	P 5	554.3051	277.6564
1175.6061	12	Q 4	457.2523	229.1301
1232.6275	13	G 3	329.1937	165.1008
1329.6803	14	P 2	272.1723	136.5900
	15	R 1	175.1195	88.0637

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

GVEIETISPGDGR, MH+ 1357.6963, m/z 453.2370
 L OSG37 P180811 230811-s1.04602.04602.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

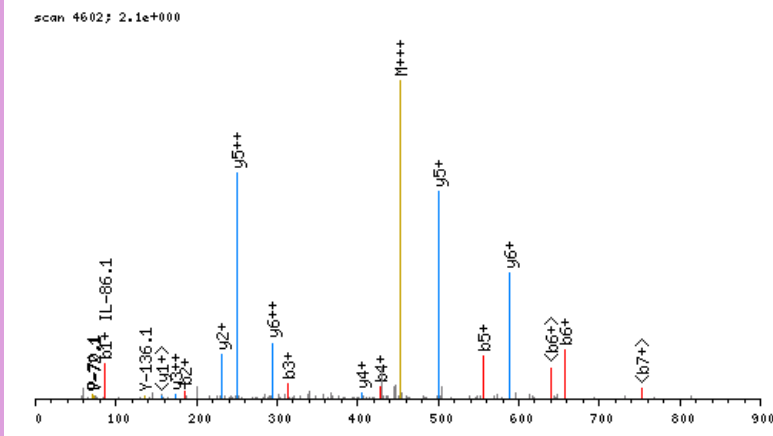
y + 2+ 3+

z + 2+ 3+

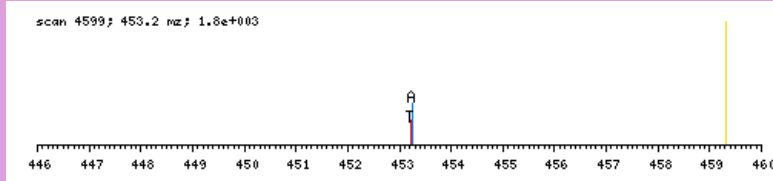
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

GVISAISEAAAQYNPEPPPPR, MH+ 2198.1669, m/z 550.2972
 H OSG36 P180811 230811-s1.05198.05198.4.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+

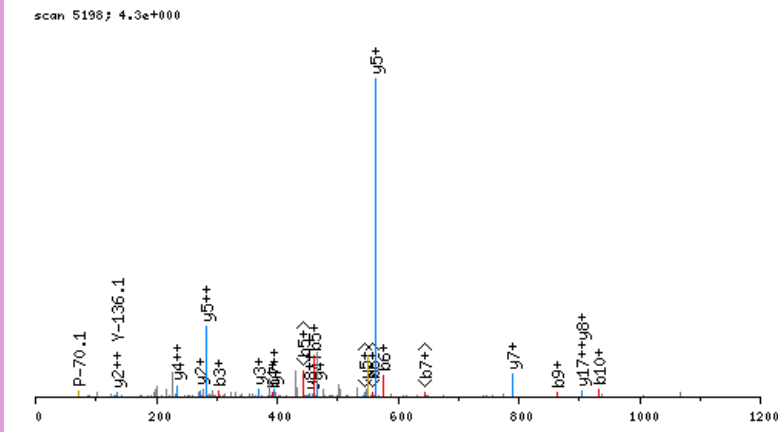
y + 2+ 3+

z + 2+ 3+

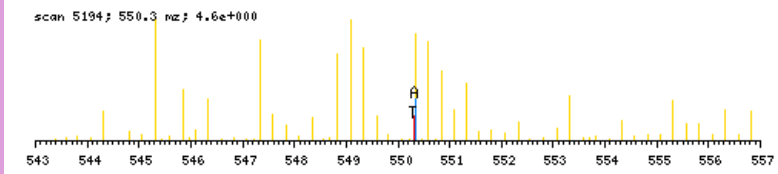
hide H₂O/NH₃

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 21		
191.1608	2	V 20	2107.0824	1054.0451
304.2448	3	I 19	2008.0140	1004.5109
391.2769	4	S 18	1894.9299	947.9689
462.3140	5	A 17	1807.8979	904.4529
575.3980	6	I 16	1736.8608	868.9343
662.4301	7	S 15	1623.7767	812.3923
791.4727	8	E 14	1536.7447	768.8763
862.5098	9	A 13	1407.7021	704.3550
933.5469	10	A 12	1336.6650	668.8364
1004.5840	11	A 11	1265.6279	633.3178
1132.6426	12	Q 10	1194.5907	597.7993
1295.7059	13	Y 9	1066.5322	533.7700
1409.7488	14	N 8	903.4688	452.2383
1506.8016	15	P 7	789.4259	395.2169
1635.8442	16	E 6	692.3731	346.6905
1732.8970	17	P 5	563.3306	282.1692
1829.9497	18	P 4	466.2778	233.6428
1927.0025	19	P 3	369.2250	185.1164
2024.0553	20	P 2	272.1723	136.5900
	21	R 1	175.1195	88.0637

N-term:+35.07

GVQPPNFSWVLPGR, MH+ 1581.8541, m/z 527.9562
 L OSG37 P180811 230811-s1.08476.08476.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

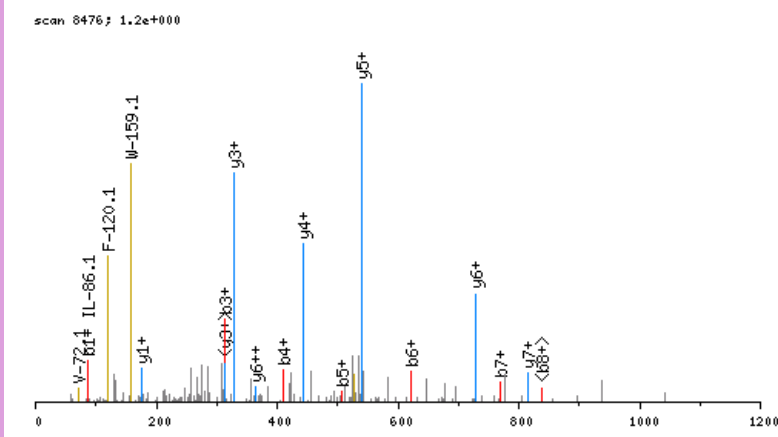
y + 2+ 3+

z + 2+ 3+

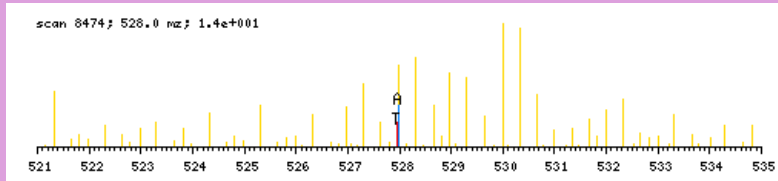
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1496.8014	748.9046
313.1876	3	Q 12	1397.7330	699.3704
410.2403	4	P 11	1269.6744	635.3411
507.2931	5	P 10	1172.6217	586.8147
621.3360	6	N 9	1075.5689	538.2884
768.4044	7	F 8	961.5260	481.2669
855.4365	8	S 7	814.4575	407.7327
1041.5158	9	W 6	727.4255	364.2167
1140.5842	10	V 5	541.3462	271.1770
1253.6682	11	L 4	442.2778	221.6428
1350.7210	12	P 3	329.1937	165.1008
1407.7425	13	G 2	232.1410	116.5744
	14	R 1	175.1195	88.0637

N-term:+29.04

GVQVETISPGDGR, MH+ 1342.6966, m/z 671.8520
 L OSG37 P180811 230811-s1.03535.03535.2.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+

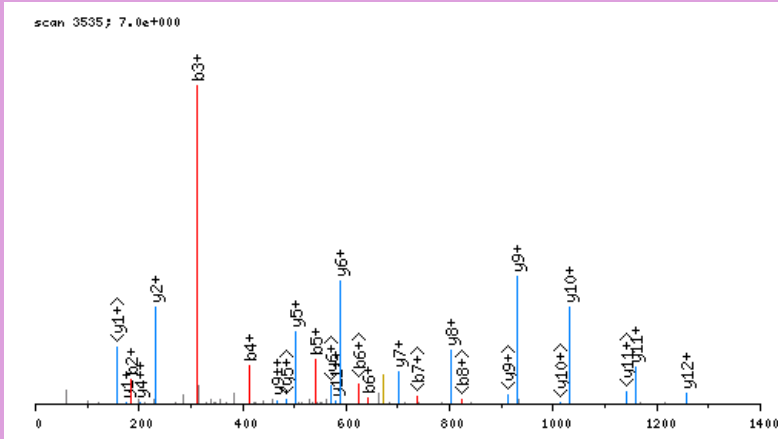
y + 2+ 3+

z + 2+ 3+

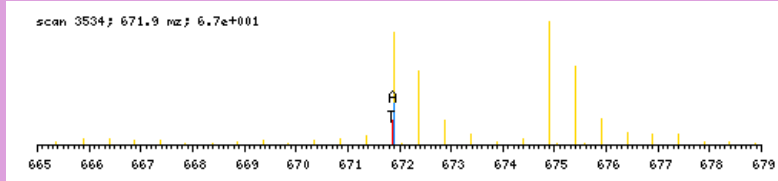
hide H₂O/NH₃

zoom 112-122

GO



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



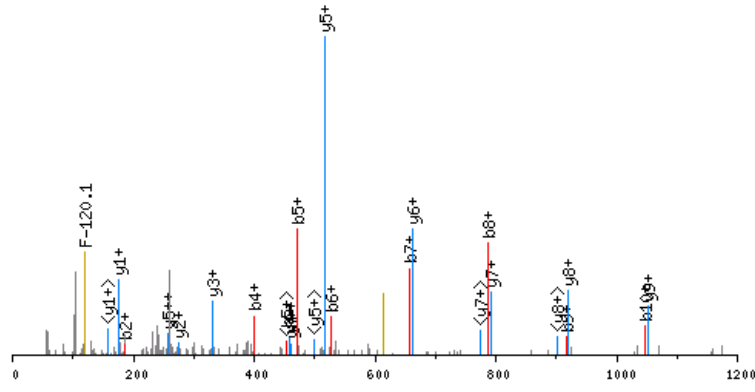
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 13		
185.1290	2	V 12	1257.6439	629.3259
313.1876	3	Q 11	1158.5755	579.7917
412.2560	4	V 10	1030.5169	515.7624
541.2986	5	E 9	931.4485	466.2282
642.3462	6	T 8	802.4059	401.7069
755.4303	7	I 7	701.3582	351.1830
842.4623	8	S 6	588.2742	294.6410
939.5151	9	P 5	501.2421	251.1250
996.5366	10	G 4	404.1894	202.5986
1111.5635	11	D 3	347.1679	174.0879
1168.5850	12	G 2	232.1410	116.5744
	13	R 1	175.1195	88.0637

N-term:+29.04

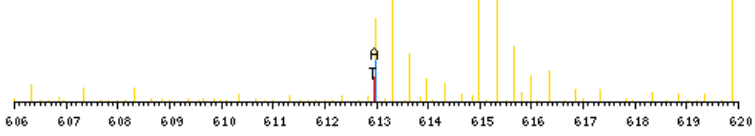
GVSQAGEEME QFGQGV R, MH+ 1836.8550, m/z 612.9565
 L OSG37 P180811 230811-s1.05661.05661.3.dta

scan 5661: 1.3e+000



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

scan 5659: 613.0 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⁺
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

GVSSGPGMGLMGPR, MH+ 1427.7139, m/z 714.3606
 L OSG37 P180811 230811-s1.05420.05420.2.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+

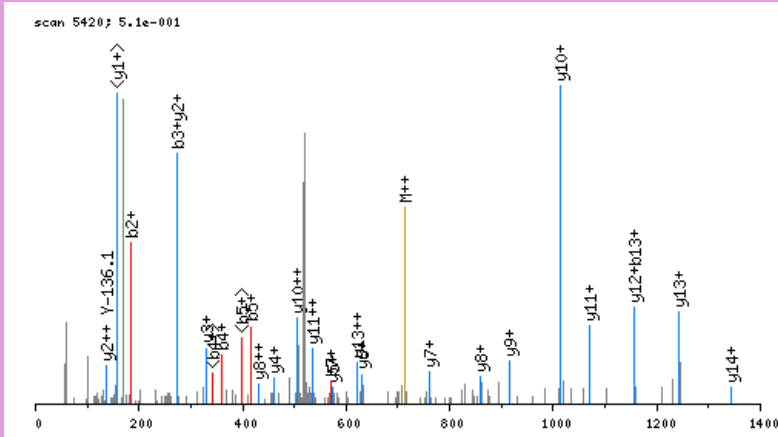
y + 2+ 3+

z + 2+ 3+

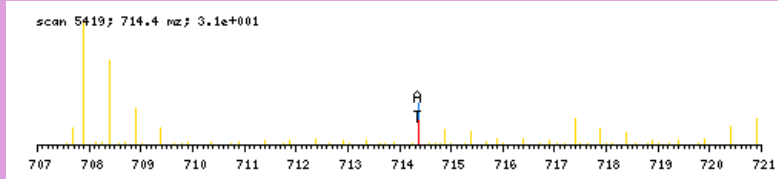
hide H₂O/NH₃

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		
185.1290	2	V 14	1342.6612	671.8345
272.1610	3	S 13	1243.5927	622.3003
359.1930	4	S 12	1156.5607	578.7843
416.2145	5	G 11	1069.5287	535.2683
513.2673	6	P 10	1012.5072	506.7575
570.2887	7	G 9	915.4545	458.2311
667.3415	8	P 8	858.4330	429.7204
798.3820	9	M 7	761.3802	381.1940
855.4034	10	G 6	630.3397	315.6738
968.4875	11	L 5	573.3183	287.1631
1099.5280	12	M 4	460.2342	230.6210
1156.5495	13	G 3	329.1937	165.1008
1253.6022	14	P 2	272.1723	136.5900
	15	R 1	175.1195	88.0637

N-term:+29.04

GVTDNVVDTVVHYVPLPR, MH+ 2014.1185, m/z 672.0444
 H OSG39 P180811 230811-s1.07884.07884.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

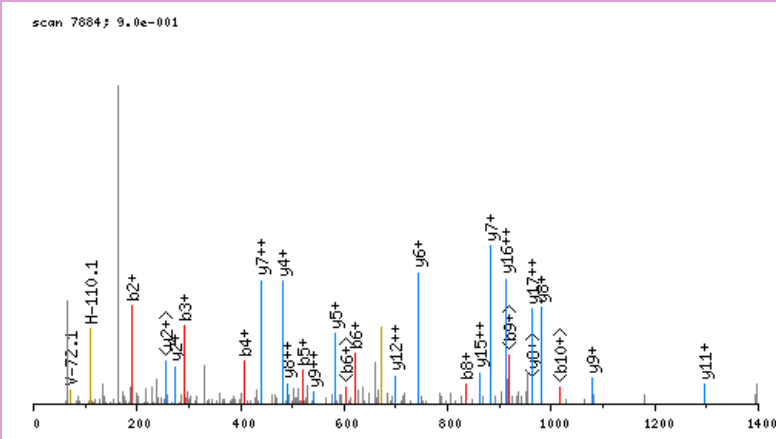
y + 2+ 3+

z + 2+ 3+

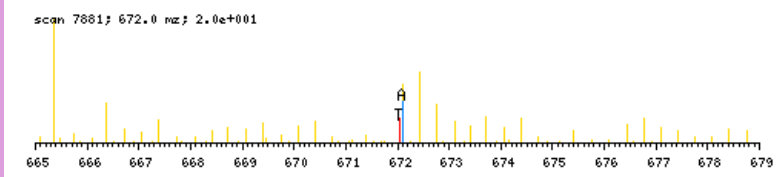
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
191.1608	2	V	17	1923.0340	962.0209
292.2085	3	T	16	1823.9656	912.4867
407.2354	4	D	15	1722.9179	861.9629
521.2783	5	N	14	1607.8910	804.4494
620.3467	6	V	13	1493.8480	747.4279
719.4152	7	V	12	1394.7796	697.8937
834.4421	8	D	11	1295.7112	648.3595
935.4898	9	T	10	1180.6843	590.8460
1034.5582	10	V	9	1079.6366	540.3222
1133.6266	11	V	8	980.5682	490.7880
1270.6855	12	H	7	881.4997	441.2538
1433.7488	13	Y	6	744.4408	372.7243
1532.8173	14	V	5	581.3775	291.1927
1629.8700	15	P	4	482.3091	241.6585
1742.9541	16	L	3	385.2563	193.1321
1840.0069	17	P	2	272.1723	136.5900
	18	R	1	175.1195	88.0637

N-term:+35.07

GYEDHMAEDCR, MH+ 1410.5418, m/z 470.8521
 L OSG40 P180811 230811-s1.02163.02163.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

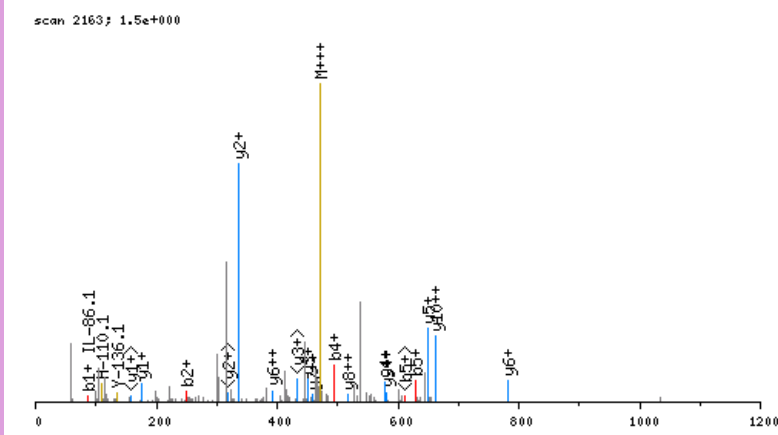
y + 2+ 3+

z + 2+ 3+

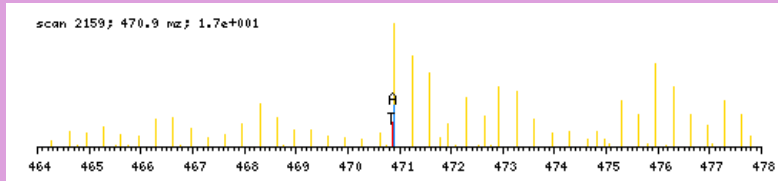
hide H₂O/NH₃

zoom 112-122

GO



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



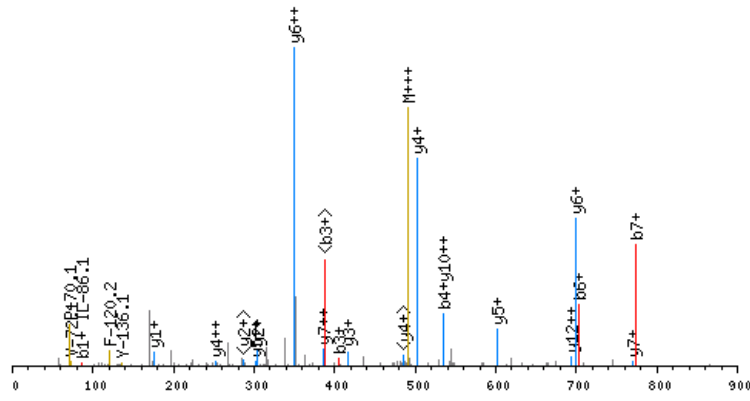
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 11		
249.1239	2	Y 10	1325.4890	663.2484
378.1665	3	E 9	1162.4257	581.7168
493.1934	4	D 8	1033.3831	517.1955
630.2523	5	H 7	918.3561	459.6820
761.2928	6	M 6	781.2972	391.1525
832.3299	7	A 5	650.2568	325.6323
961.3725	8	E 4	579.2196	290.1137
1076.3995	9	D 3	450.1770	225.5924
1236.4301	10	C 2	335.1501	168.0790
	11	R 1	175.1195	88.0637

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

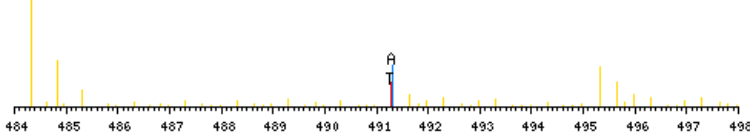
GYKEPAAPVSIQR, MH+ 1471.8273, m/z 491.2806
 L OSG40 P180811 230811-s1.03586.03586.3.dta

scan 3586; 2.0e+000



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

scan 3584; 491.3 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

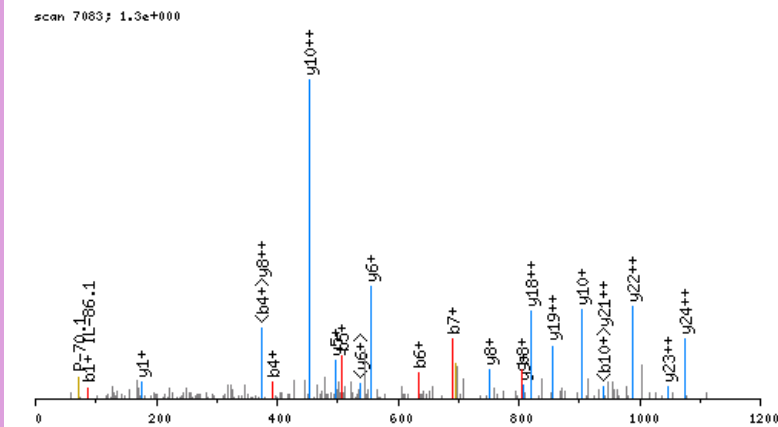
zoom 112-122

GO

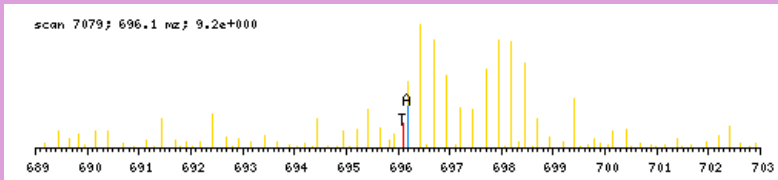
b ⁺	#	AA #	y ⁺	y ²⁺
86.0606	1	G 13		
249.1239	2	Y 12	1386.7746	693.8912
405.2502	3	K 11	1223.7112	612.3595
534.2928	4	E 10	1067.5849	534.2964
631.3455	5	P 9	938.5423	469.7751
702.3827	6	A 8	841.4896	421.2487
773.4198	7	A 7	770.4525	385.7301
870.4725	8	P 6	699.4153	350.2116
969.5410	9	V 5	602.3626	301.6852
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

GYSGLQGLPGLAGLHGDQGAPGVPAGPR, MH+ 2781.4436, m/z 696.1164
 L OSG38 P180811 230811-s1.07083.07083.4.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

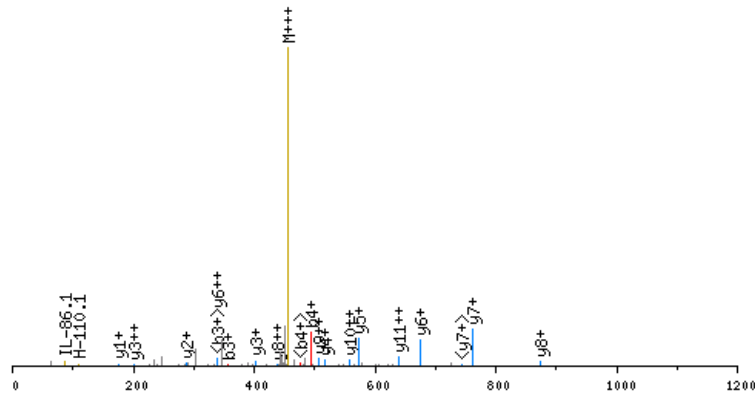
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
86.0606	1	G	30		
249.1239	2	Y	29	2696.3909	1348.6993
336.1559	3	S	28	2533.3275	1267.1677
393.1774	4	G	27	2446.2955	1223.6517
506.2614	5	L	26	2389.2741	1195.1409
634.3200	6	Q	25	2276.1900	1138.5989
691.3415	7	G	24	2148.1314	1074.5696
804.4256	8	L	23	2091.1099	1046.0589
901.4783	9	P	22	1978.0259	989.5169
958.4998	10	G	21	1880.9731	940.9905
1071.5838	11	L	20	1823.9517	912.4797
1142.6210	12	A	19	1710.8676	855.9377
1199.6424	13	G	18	1639.8305	820.4192
1312.7265	14	L	17	1582.8090	791.9084
1449.7854	15	H	16	1469.7249	735.3664
1506.8069	16	G	15	1332.6660	666.8369
1621.8338	17	D	14	1275.6446	638.3262
1749.8924	18	Q	13	1160.6176	580.8127
1806.9138	19	G	12	1032.5591	516.7834
1877.9510	20	A	11	975.5376	488.2727
1975.0037	21	P	10	904.5005	452.7542
2032.0252	22	G	9	807.4477	404.2278
2129.0780	23	P	8	750.4262	375.7170
2228.1464	24	V	7	653.3735	327.1907
2285.1678	25	G	6	554.3051	277.6564
2382.2206	26	P	5	497.2836	249.1457
2453.2577	27	A	4	400.2308	200.6193
2510.2792	28	G	3	329.1937	165.1008
2607.3319	29	P	2	272.1723	136.5900
	30	R	1	175.1195	88.0637

N-term:+29.04

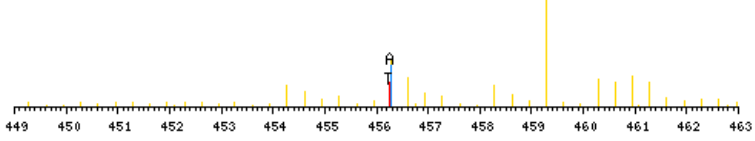
GYTHLSTGDLRL, MH+ 1366.7543, m/z 456.2563
 H OSG40 P180811 230811-s1.05375.05375.3.dta

scan 5375; 1.3e+001



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

scan 5374; 456.3 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⁺
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

GYTLPPHCSR, MH+ 1221.6262, m/z 407.8802
 H OSG40 P180811 230811-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+

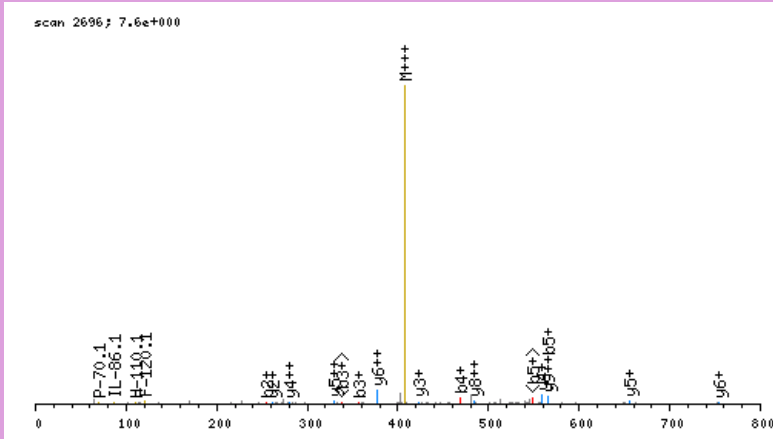
y + 2+ 3+

z + 2+ 3+

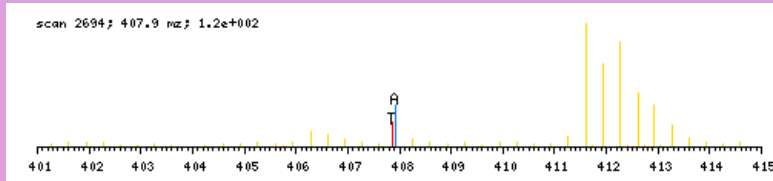
hide H₂O/NH₃

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⁺
92.0924	1	G	10	
255.1557	2	Y	9	1130.5416
356.2034	3	T	8	967.4783
469.2874	4	L	7	866.4306
566.3402	5	P	6	753.3466
663.3930	6	P	5	656.2938
800.4519	7	H	4	559.2410
960.4825	8	C	3	422.1821
1047.5145	9	S	2	262.1515
	10	R	1	175.1195

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

HDLPPAPQPAVLAAALNR, MH+ 1808.0183, m/z 603.3443
 L OSG40 P180811 230811-s1.01962.01962.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

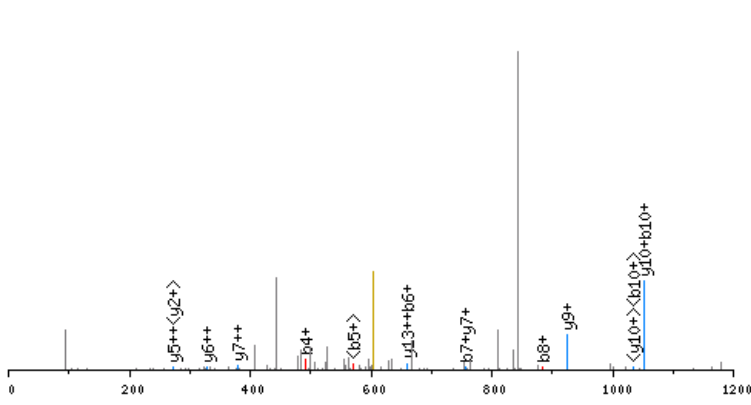
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

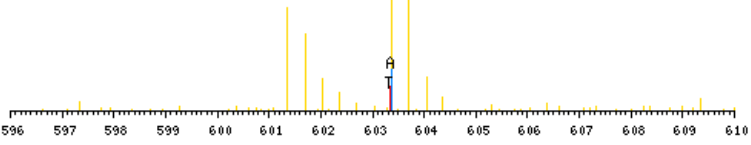
GO

scan 1962; 5.0e+000



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

scan 1959; 603.3 m/z; 3.8e+000



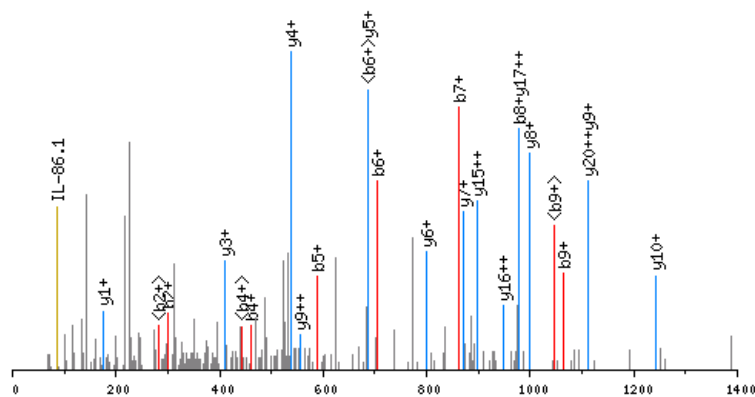
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
166.0980	1	H 17		
281.1250	2	D 16	1642.9281	821.9679
394.2090	3	L 15	1527.9011	764.4545
491.2618	4	P 14	1414.8171	707.9124
588.3145	5	P 13	1317.7643	659.3861
659.3517	6	A 12	1220.7115	610.8597
756.4044	7	P 11	1149.6744	575.3411
884.4630	8	Q 10	1052.6217	526.8147
981.5158	9	P 9	924.5631	462.7855
1052.5529	10	A 8	827.5103	414.2591
1151.6213	11	V 7	756.4732	378.7405
1264.7054	12	L 6	657.4048	329.2063
1335.7425	13	A 5	544.3207	272.6643
1406.7796	14	A 4	473.2836	237.1457
1519.8636	15	L 3	402.2465	201.6272
1633.9066	16	N 2	289.1624	145.0851
	17	R 1	175.1195	88.0637

N-term:+29.04

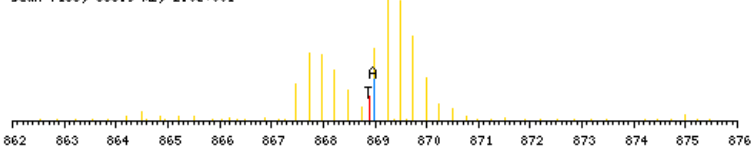
HEASEDCISQGGTLGTPQSELENEALFEYAR, MH+ 3472.6026, m/z 868.9061
 H OSG39 P180811 230811-s1.07159.07159.4.dta

scan 7159; 4.0e-001



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

scan 7156; 868.9 mz; 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⁺
172.1298	1	H	31		
301.1724	2	E	30	3301.4806	1651.2442
372.2095	3	A	29	3172.4380	1586.7229
459.2415	4	S	28	3101.4009	1551.2044
588.2841	5	E	27	3014.3689	1507.6884
703.3111	6	D	26	2885.3263	1443.1671
863.3417	7	C	25	2770.2994	1385.6536
976.4257	8	I	24	2610.2688	1305.6383
1063.4578	9	S	23	2497.1847	1249.0963
1191.5164	10	Q	22	2410.1527	1205.5802
1248.5378	11	G	21	2282.0941	1141.5510
1305.5593	12	G	20	2225.0726	1113.0402
1406.6070	13	T	19	2168.0512	1084.5295
1519.6910	14	L	18	2067.0035	1034.0057
1576.7125	15	G	17	1953.9194	977.4636
1677.7602	16	T	16	1896.8979	948.9529
1774.8129	17	P	15	1795.8503	898.4290
1902.8715	18	Q	14	1698.7975	849.9027
1989.9035	19	S	13	1570.7389	785.8734
2118.9461	20	E	12	1483.7069	742.3574
2232.0302	21	L	11	1354.6643	677.8361
2361.0728	22	E	10	1241.5802	621.2940
2475.1157	23	N	9	1112.5376	556.7727
2604.1583	24	E	8	998.4947	499.7513
2675.1954	25	A	7	869.4521	435.2300
2788.2795	26	L	6	798.4150	399.7114
2935.3479	27	F	5	685.3310	343.1694
3064.3905	28	E	4	538.2625	269.6352
3227.4538	29	Y	3	409.2199	205.1139
3298.4909	30	A	2	246.1566	123.5822
	31	R	1	175.1195	88.0637

N-term:+35.07 C(7):+160.03

HEIATNLGDFAIISLYR, MH+ 1853.9973, m/z 618.6706
 H OSG40 P180811 230811-s1.08998.08998.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

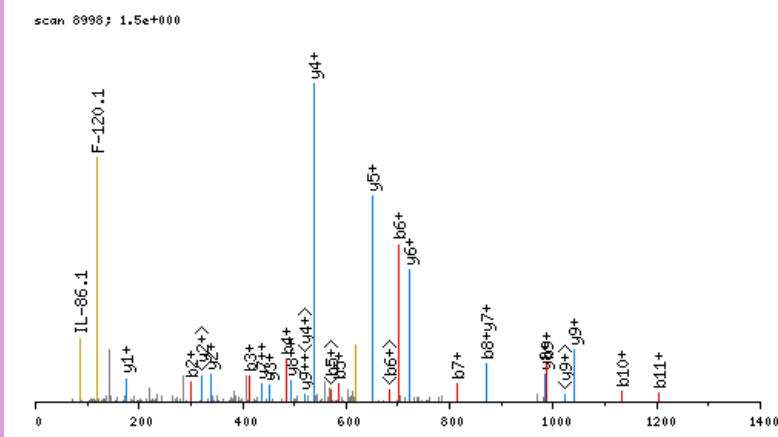
y + 2+ 3+

z + 2+ 3+

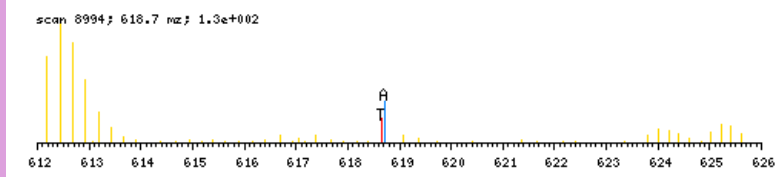
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 16		
301.1724	2	E 15	1682.8754	841.9416
414.2565	3	I 14	1553.8328	777.4203
485.2936	4	A 13	1440.7487	720.8783
586.3413	5	T 12	1369.7116	685.3597
700.3842	6	N 11	1268.6639	634.8359
813.4683	7	L 10	1154.6210	577.8144
870.4897	8	G 9	1041.5369	521.2724
985.5167	9	D 8	984.5155	492.7616
1132.5851	10	F 7	869.4885	435.2482
1203.6222	11	A 6	722.4201	361.7140
1316.7063	12	I 5	651.3830	326.1954
1403.7383	13	S 4	538.2989	269.6534
1516.8223	14	L 3	451.2669	226.1374
1679.8857	15	Y 2	338.1828	169.5953
	16	R 1	175.1195	88.0637

N-term:+35.07

HFDPSCLEPACR, MH+ 1540.7252, m/z 514.2466
 H OSG40 P180811 230811-s1.07423.07423.3.dta

scan 7423; 2.4e+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+

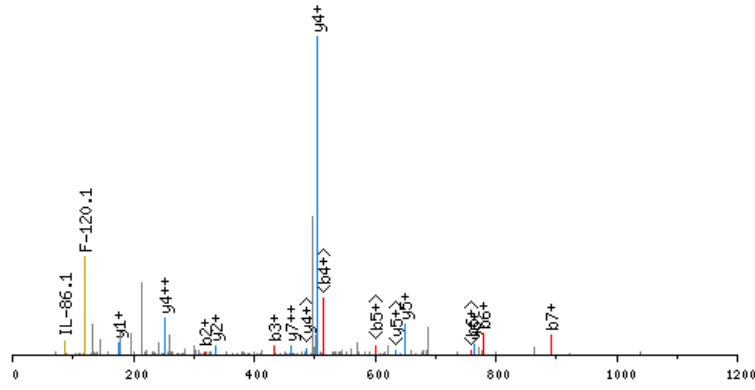
y + 2+ 3+

z + 2+ 3+

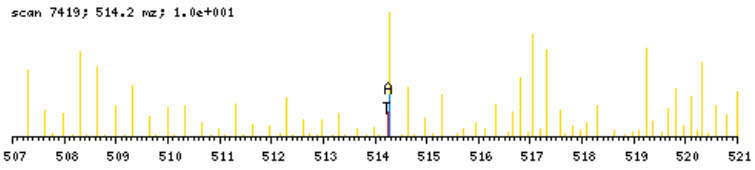
hide H₂O/NH₃

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⁺
172.1298	1	H 12		
319.1982	2	F 11	1369.6032	685.3055
434.2252	3	D 10	1222.5348	611.7713
531.2779	4	P 9	1107.5078	554.2578
618.3100	5	S 8	1010.4551	505.7315
778.3406	6	C 7	923.4231	462.2154
891.4246	7	L 6	763.3925	382.2001
1038.4930	8	F 5	650.3084	325.6581
1135.5458	9	P 4	503.2400	252.1239
1206.5829	10	A 3	406.1872	203.5975
1366.6135	11	C 2	335.1501	168.0790
	12	R 1	175.1195	88.0637

N-term:+35.07 C(6):+160.03
 C(11):+160.03

HLQEGFGCVVTNR, MH+ 1544.7643, m/z 515.5929
 L OSG40 P180811 230811-s1.04566.04566.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

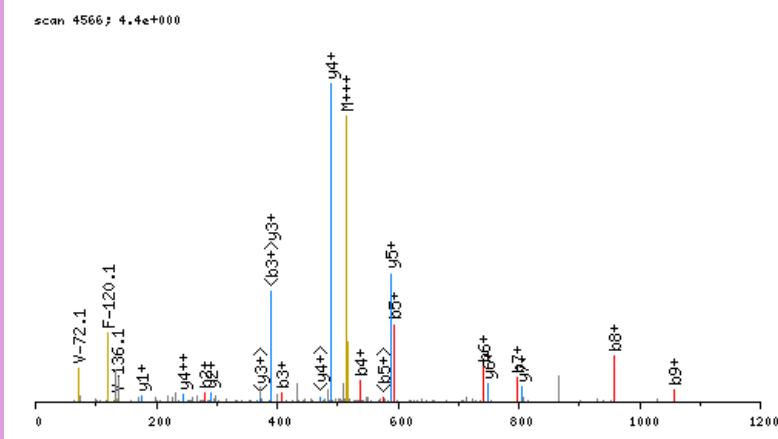
y + 2+ 3+

z + 2+ 3+

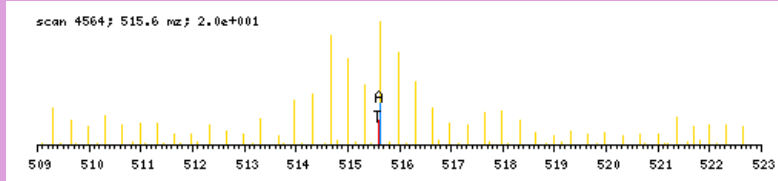
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 13		
279.1821	2	L 12	1379.6741	690.3410
407.2407	3	Q 11	1266.5900	633.7989
536.2832	4	E 10	1138.5315	569.7696
593.3047	5	G 9	1009.4889	505.2484
740.3731	6	F 8	952.4674	476.7376
797.3946	7	G 7	805.3990	403.2034
957.4252	8	C 6	748.3775	374.6927
1056.4936	9	V 5	588.3469	294.6774
1155.5620	10	V 4	489.2785	245.1432
1256.6097	11	T 3	390.2101	195.6090
1370.6526	12	N 2	289.1624	145.0851
	13	R 1	175.1195	88.0637

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

HNPPSEAAAAPPVAR, MH+ 1441.7552, m/z 481.2566
 L OSG40 P180811 230811-s1.02153.02153.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

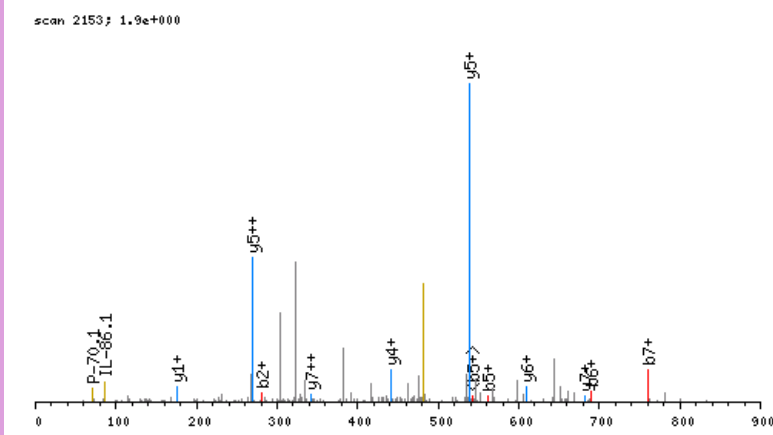
y + 2+ 3+

z + 2+ 3+

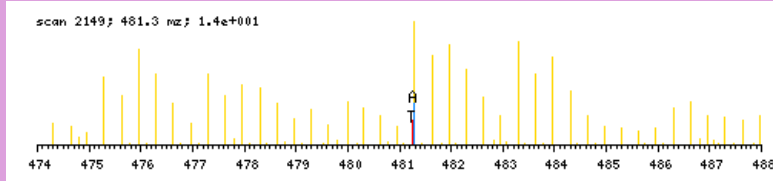
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
280.1409	2	N 13	1276.6650	638.8364
377.1937	3	P 12	1162.6220	581.8149
474.2465	4	P 11	1065.5693	533.2886
561.2785	5	S 10	968.5165	484.7622
690.3211	6	E 9	881.4845	441.2462
761.3582	7	A 8	752.4419	376.7249
832.3953	8	A 7	681.4048	341.2063
903.4324	9	A 6	610.3677	305.6877
1000.4852	10	P 5	539.3306	270.1692
1097.5380	11	P 4	442.2778	221.6428
1196.6064	12	V 3	345.2250	173.1164
1267.6435	13	A 2	246.1566	123.5822
	14	R 1	175.1195	88.0637

N-term:+29.04

HVPIPAVAEMNPNVNVFVPPR, MH+ 2331.2859, m/z 583.5769
 H OSG39 P180811 230811-s1.07414.07414.4.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+

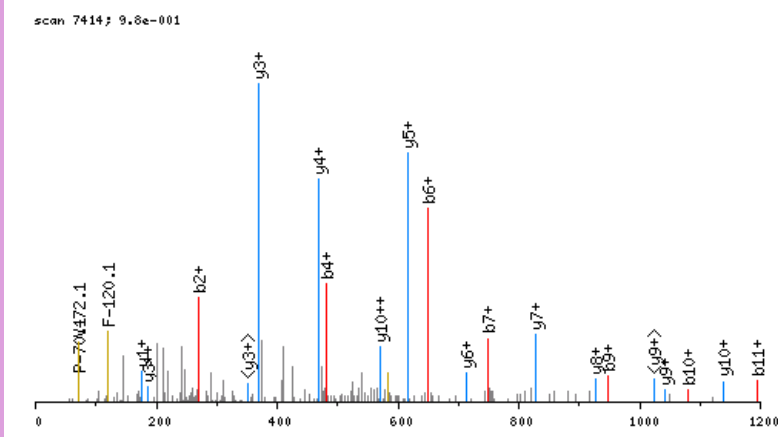
y + 2+ 3+

z + 2+ 3+

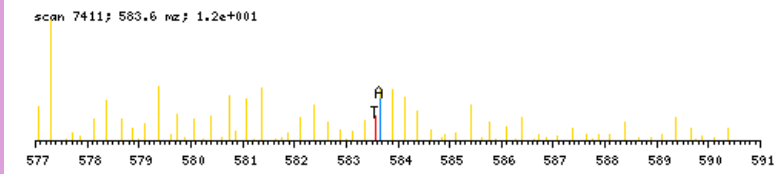
hide H₂O/NH₃

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⁺
172.1298	1	H 21		
271.1982	2	V 20	2160.1640	1080.5859
368.2510	3	P 19	2061.0955	1031.0517
481.3351	4	I 18	1964.0428	982.5253
578.3878	5	P 17	1850.9587	925.9833
649.4249	6	A 16	1753.9059	877.4569
748.4933	7	V 15	1682.8688	841.9383
819.5305	8	A 14	1583.8004	792.4041
948.5731	9	E 13	1512.7633	756.8856
1079.6135	10	M 12	1383.7207	692.3643
1193.6565	11	N 11	1252.6802	626.8440
1290.7092	12	P 10	1138.6373	569.8226
1404.7522	13	N 9	1041.5845	521.2962
1503.8206	14	V 8	927.5416	464.2747
1617.8635	15	N 7	828.4732	414.7405
1716.9319	16	V 6	714.4303	357.7190
1864.0003	17	F 5	615.3619	308.1848
1963.0687	18	V 4	468.2934	234.6506
2060.1215	19	P 3	369.2250	185.1164
2157.1743	20	P 2	272.1723	136.5900
	21	R 1	175.1195	88.0637

N-term:+35.07

ICQENEGENDPVLQR, MH+ 1828.8499, m/z 610.2881
 L OSG37 P180811 230811-s1.03326.03326.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

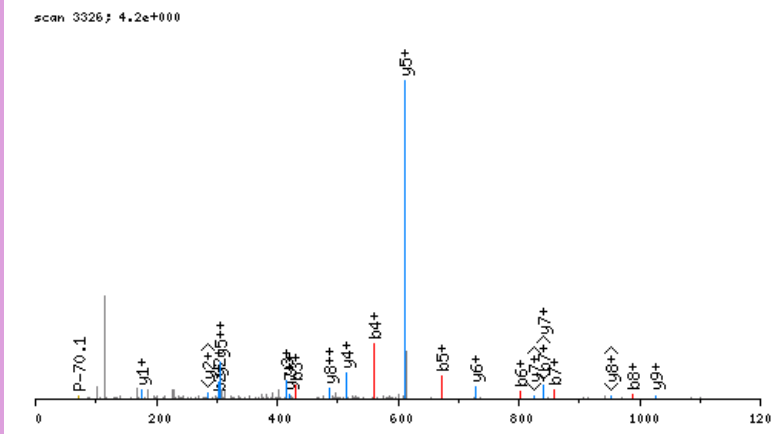
y + 2+ 3+

z + 2+ 3+

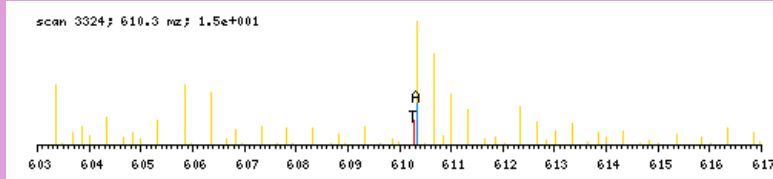
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
302.1538	2	C 14	1687.7345	844.3712
430.2123	3	Q 13	1527.7039	764.3559
559.2549	4	E 12	1399.6454	700.3266
673.2979	5	N 11	1270.6028	635.8053
802.3405	6	E 10	1156.5598	578.7838
859.3619	7	G 9	1027.5172	514.2625
988.4045	8	E 8	970.4958	485.7518
1102.4474	9	N 7	841.4532	421.2305
1217.4744	10	D 6	727.4103	364.2090
1314.5271	11	P 5	612.3833	306.6956
1413.5956	12	V 4	515.3306	258.1692
1526.6796	13	L 3	416.2621	208.6350
1654.7382	14	Q 2	303.1781	152.0930
	15	R 1	175.1195	88.0637

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

IDELDAIAPKR, MH+ 1308.8163, m/z 436.9436
 H OSG40 P180811 230811-s1.05173.05173.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

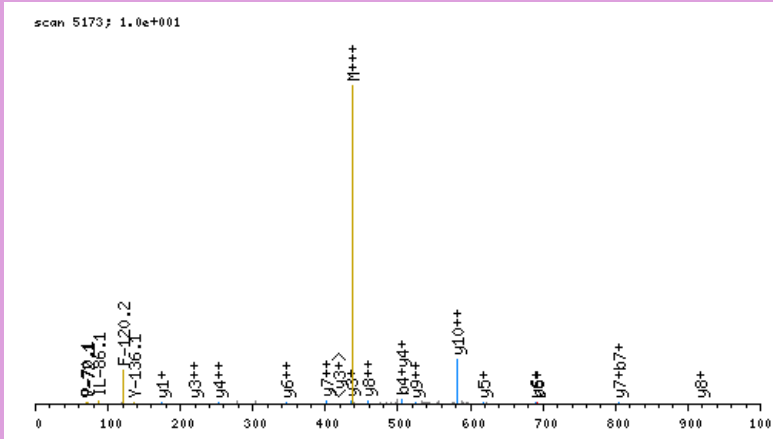
y + 2+ 3+

z + 2+ 3+

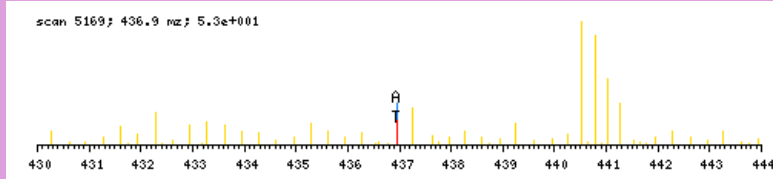
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 11		
263.1819	2	D 10	1161.6692	581.3385
392.2245	3	E 9	1046.6423	523.8250
505.3086	4	L 8	917.5997	459.3037
620.3355	5	D 7	804.5156	402.7617
691.3726	6	A 6	689.4887	345.2482
804.4567	7	I 5	618.4515	309.7297
875.4938	8	A 4	505.3675	253.1877
972.5466	9	P 3	434.3304	217.6691
1134.7047	10	K 2	337.2776	169.1427
	11	R 1	175.1195	88.0637

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

IDFYGIDDNLLHYNR, MH+ 1895.9292, m/z 632.6479
 L OSG39 P180811 230811-s1.07638.07638.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

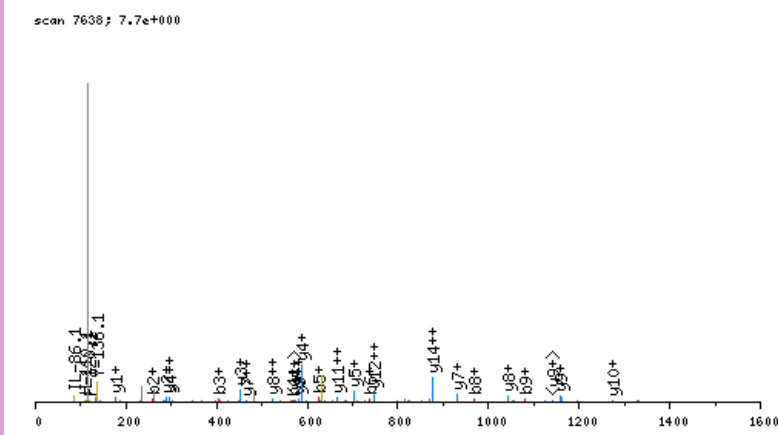
y + 2+ 3+

z + 2+ 3+

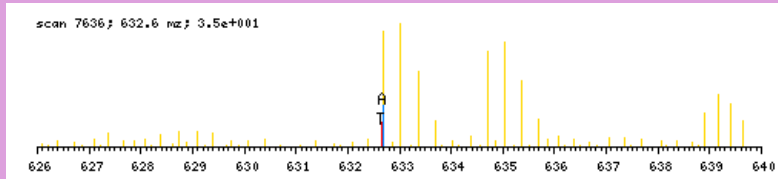
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1754.8138
404.2185	3	F	13	1639.7869
567.2818	4	Y	12	1492.7185
624.3033	5	G	11	1329.6551
737.3874	6	I	10	1272.6337
852.4143	7	D	9	1159.5496
967.4413	8	D	8	1044.5227
1081.4842	9	N	7	929.4957
1194.5683	10	L	6	815.4528
1307.6523	11	L	5	702.3687
1444.7112	12	H	4	589.2847
1607.7746	13	Y	3	452.2258
1721.8175	14	N	2	289.1624
	15	R	1	175.1195

N-term:+29.04

IDLDTIDVSNLNR, MH+ 1515.8018, m/z 505.9388
 L OSG37 P180811 230811-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+

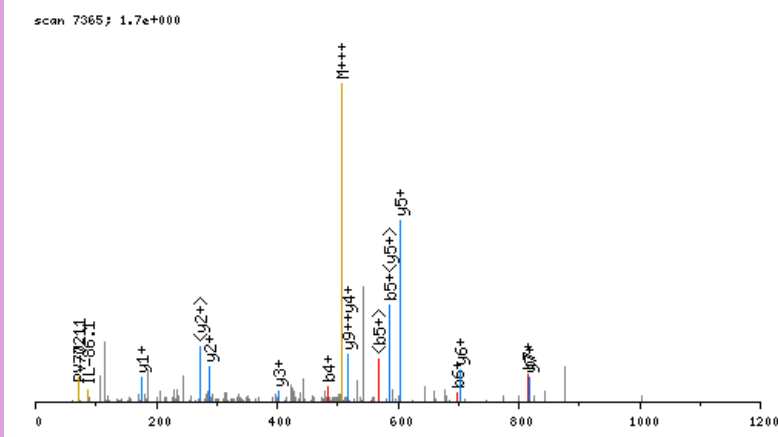
y + 2+ 3+

z + 2+ 3+

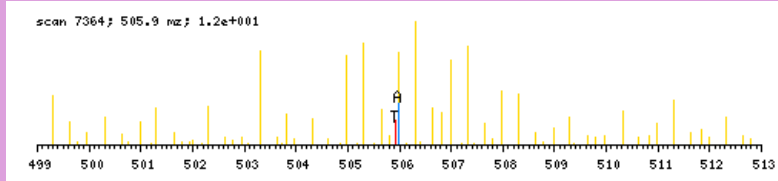
hide H₂O/NH₃

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⁺
142.1232	1	I 13		
257.1501	2	D 12	1374.6865	687.8472
370.2342	3	L 11	1259.6596	630.3337
485.2611	4	D 10	1146.5755	573.7917
586.3088	5	T 9	1031.5485	516.2782
699.3929	6	I 8	930.5009	465.7543
814.4198	7	D 7	817.4168	409.2123
913.4882	8	V 6	702.3899	351.6988
1000.5202	9	S 5	603.3214	302.1646
1114.5632	10	N 4	516.2894	258.6486
1227.6472	11	L 3	402.2465	201.6272
1341.6902	12	N 2	289.1624	145.0851
	13	R 1	175.1195	88.0637

N-term:+29.04

IDLIAQQPVNEVEHR, MH+ 1788.9608, m/z 596.9918
 L OSG39 P180811 230811-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+

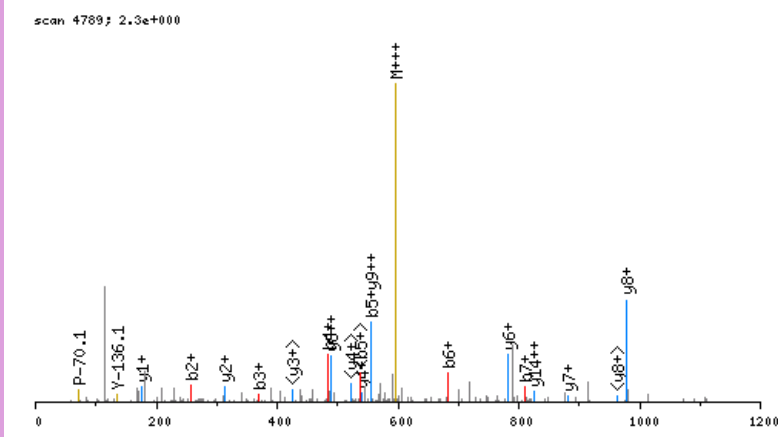
y + 2+ 3+

z + 2+ 3+

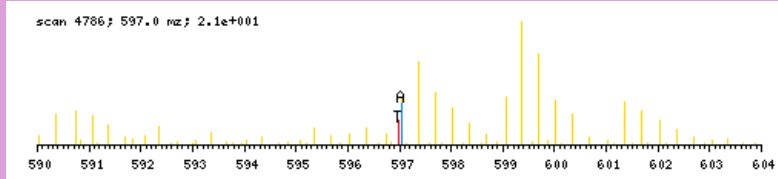
hide H₂O/NH₃

zoom 112-122

GO



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



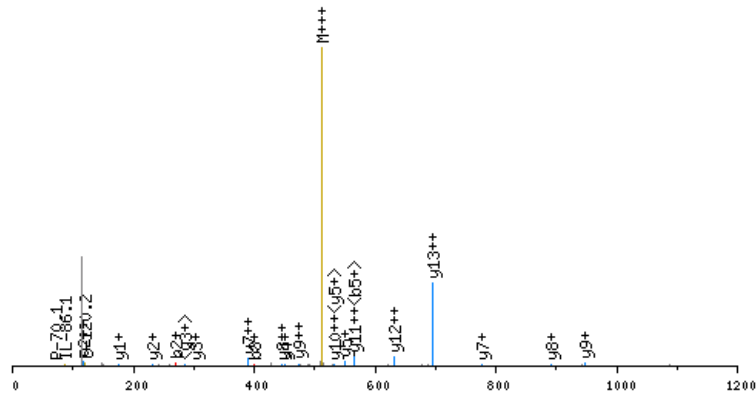
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	I 15		
257.1501	2	D 14	1647.8455	824.4266
370.2342	3	L 13	1532.8185	766.9132
483.3182	4	I 12	1419.7345	710.3711
554.3553	5	A 11	1306.6504	653.8291
682.4139	6	Q 10	1235.6133	618.3105
810.4725	7	Q 9	1107.5547	554.2813
907.5253	8	P 8	979.4961	490.2520
1006.5937	9	V 7	882.4434	441.7256
1120.6366	10	N 6	783.3749	392.1914
1249.6792	11	E 5	669.3320	335.1699
1348.7476	12	V 4	540.2894	270.6486
1477.7902	13	E 3	441.2210	221.1144
1614.8491	14	H 2	312.1784	156.5931
	15	R 1	175.1195	88.0637

N-term:+29.04

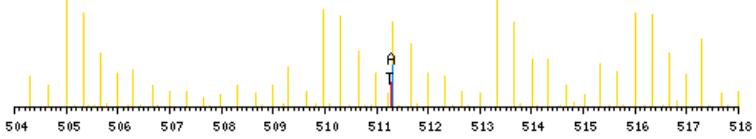
IEEALGDKAVFAGR, MH+ 1531.8484, m/z 511.2877
 L OSG39 P180811 230811-s1.03960.03960.3.dta

scan 3960; 1.2e+001



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

scan 3956; 511.3 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⁺
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+ 1581.8336, m/z 527.9494
 H OSG37 P180811 230811-s1.06610.06610.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

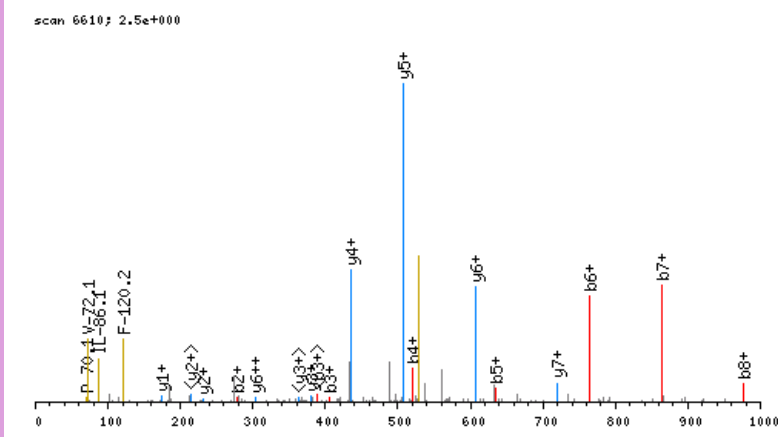
y + 2+ 3+

z + 2+ 3+

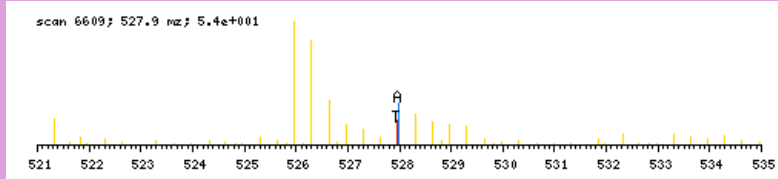
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
277.1976	2	E 13	1434.6865	717.8472
406.2402	3	E 12	1305.6439	653.3259
520.2831	4	N 11	1176.6013	588.8046
635.3100	5	D 10	1062.5584	531.7831
764.3526	6	E 9	947.5314	474.2696
863.4210	7	V 8	818.4888	409.7483
976.5051	8	L 7	719.4204	360.2141
1075.5735	9	V 6	606.3364	303.6721
1146.6106	10	A 5	507.2680	254.1379
1203.6321	11	G 4	436.2308	218.6193
1350.7005	12	F 3	379.2094	190.1086
1407.7220	13	G 2	232.1410	116.5744
	14	R 1	175.1195	88.0637

N-term:+35.07

IGHFADPAHGGSWLR, MH+ 1654.8666, m/z 552.2937
 H OSG37 P180811 230811-s1.02713.02713.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

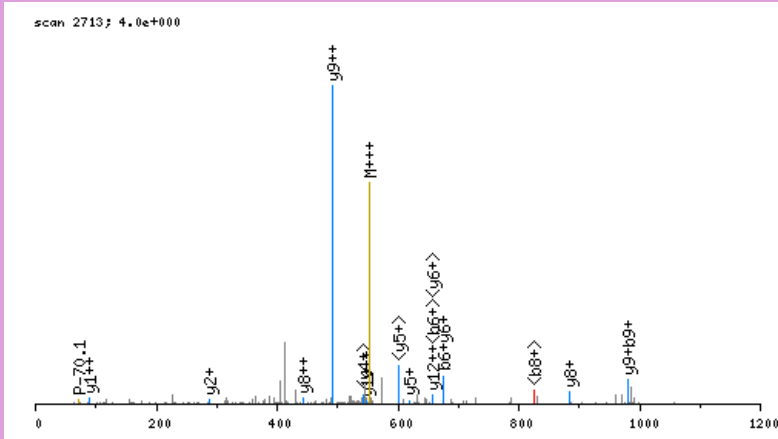
y + 2+ 3+

z + 2+ 3+

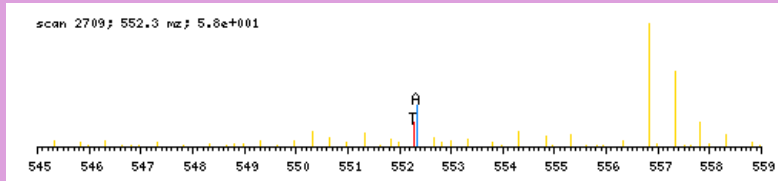
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 15		
205.1764	2	G 14	1507.7195	754.3636
342.2353	3	H 13	1450.6980	725.8529
489.3038	4	F 12	1313.6391	657.3235
560.3409	5	A 11	1166.5707	583.7893
675.3678	6	D 10	1095.5336	548.2707
772.4206	7	P 9	980.5066	490.7572
843.4577	8	A 8	883.4539	442.2308
980.5166	9	H 7	812.4167	406.7123
1037.5381	10	G 6	675.3578	338.1828
1094.5595	11	G 5	618.3364	309.6721
1181.5916	12	S 4	561.3149	281.1614
1367.6709	13	W 3	474.2829	237.6454
1480.7549	14	L 2	288.2036	144.6057
	15	R 1	175.1195	88.0637

N-term:+35.07

IIGGSMDAKGSFPWQAK, MH+ 1876.9996, m/z 470.0053
 L OSG39 P180811 230811-s1.05507.05507.4.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+

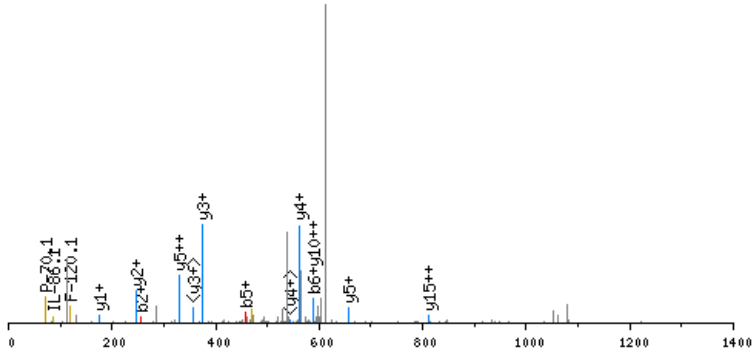
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

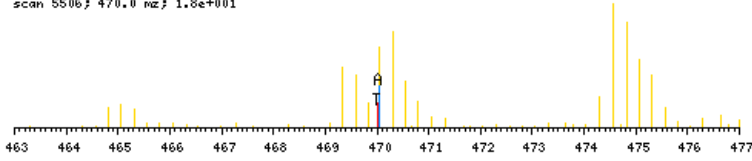
GO

scan 5507; 5.3e+000



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

scan 5506; 470.0 mz; 1.8e+001



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

b ⁺	#	AA	#	y ⁺	y ²⁺
142.1232	1	I	17		
255.2072	2	I	16	1735.8842	868.4460
312.2287	3	G	15	1622.8002	811.9040
369.2502	4	G	14	1565.7787	783.3933
456.2822	5	S	13	1508.7572	754.8825
587.3227	6	M	12	1421.7252	711.3665
702.3496	7	D	11	1290.6847	645.8463
773.3867	8	A	10	1175.6578	588.3328
929.5130	9	K	9	1104.6207	552.8142
986.5345	10	G	8	948.4944	474.7511
1073.5665	11	S	7	891.4729	446.2404
1220.6349	12	F	6	804.4409	402.7243
1317.6877	13	P	5	657.3725	329.1901
1503.7670	14	W	4	560.3197	280.6638
1631.8256	15	Q	3	374.2404	187.6241
1702.8627	16	A	2	246.1818	123.5948
	17	K	1	175.1447	88.0763

N-term:+29.04 K(9):+156.13
 K(17):+156.13

IKIPMKPSWKTAFLAR, MH+ 2023.3567, m/z 675.1238
 H OSG40 P180811 230811-s1.07401.07401.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

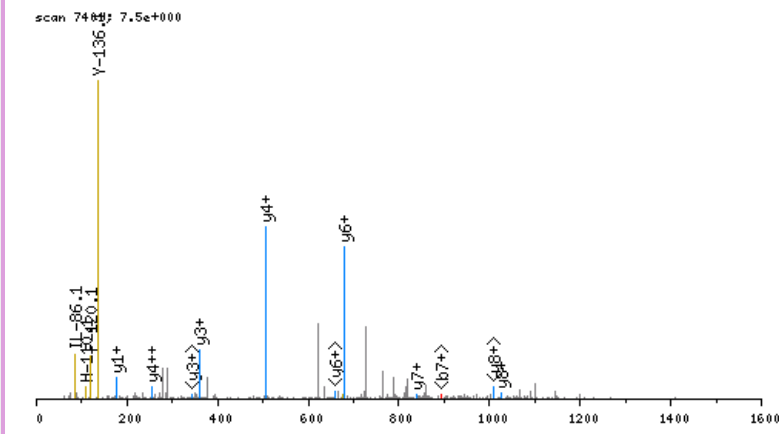
y + 2+ 3+

z + 2+ 3+

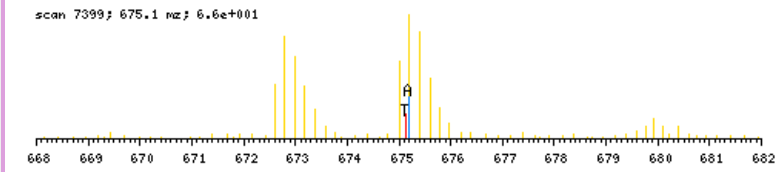
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
310.3131	2	K	15	1876.2096	938.6087
423.3971	3	I	14	1714.0515	857.5297
520.4499	4	P	13	1600.9674	800.9876
651.4904	5	M	12	1503.9147	752.4612
813.6485	6	K	11	1372.8742	686.9410
910.7012	7	P	10	1210.7161	605.8620
997.7333	8	S	9	1113.6633	557.3356
1183.8126	9	W	8	1026.6313	513.8196
1345.9707	10	K	7	840.5520	420.7799
1447.0184	11	T	6	678.3939	339.7009
1518.0555	12	A	5	577.3462	289.1770
1665.1239	13	F	4	506.3091	253.6585
1778.2080	14	L	3	359.2407	180.1243
1849.2451	15	A	2	246.1566	123.5822
	16	R	1	175.1195	88.0637

N-term:+35.07 K(2):+162.16
 K(6):+162.16 K(10):+162.16

ILGGQEAHAHAR, MH+ 1227.7022, m/z 409.9056
 H OSG40 P180811 230811-s1.02060.02060.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

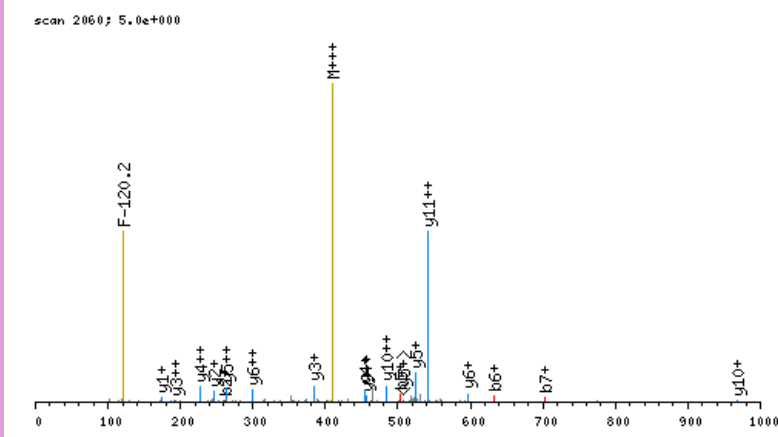
y + 2+ 3+

z + 2+ 3+

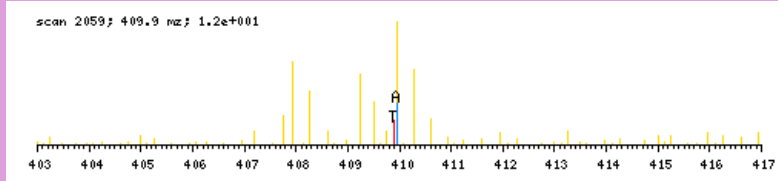
hide H₂O/NH₃

zoom 112-122

GO



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



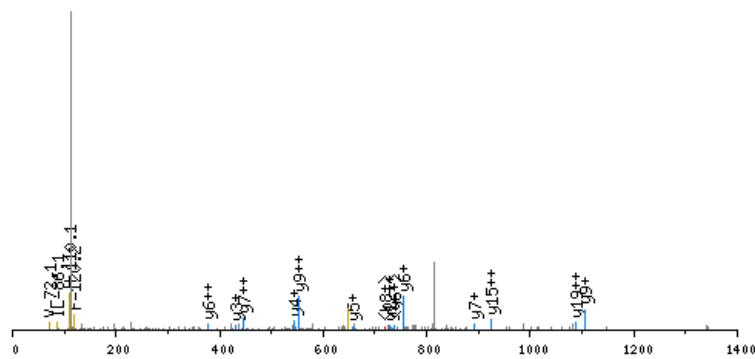
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
148.1550	1	I 12		
261.2390	2	L 11	1080.5550	540.7814
318.2605	3	G 10	967.4710	484.2394
375.2820	4	G 9	910.4495	455.7287
503.3405	5	Q 8	853.4280	427.2179
632.3831	6	E 7	725.3695	363.1886
703.4202	7	A 6	596.3269	298.6673
774.4574	8	A 5	525.2898	263.1488
845.4945	9	A 4	454.2526	227.6302
982.5534	10	H 3	383.2155	192.1117
1053.5905	11	A 2	246.1566	123.5822
	12	R 1	175.1195	88.0637

N-term:+35.07

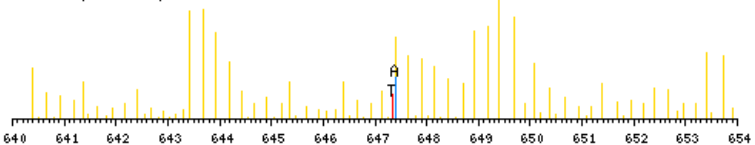
ILGVGPDGHTCSLFPDHPDLLQER, MH+ 2586.3138, m/z 647.3339
 L OSG40 P180811 230811-s1.08222.08222.4.dta

scan 8222; 2.5e+000



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

scan 8219; 647.3 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 C-

Ions:

a + 2+ 3+

b + 2+ 3+

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 23		
255.2072	2	L 22	2445.1985	1223.1031
312.2287	3	G 21	2332.1144	1166.5611
411.2971	4	V 20	2275.0929	1138.0504
468.3186	5	G 19	2176.0245	1088.5162
565.3713	6	P 18	2119.0030	1060.0054
680.3983	7	D 17	2021.9503	1011.4791
737.4197	8	G 16	1906.9233	953.9656
874.4787	9	H 15	1849.9019	925.4549
975.5263	10	T 14	1712.8430	856.9254
1135.5569	11	C 13	1611.7953	806.4016
1222.5890	12	S 12	1451.7647	726.3863
1335.6730	13	L 11	1364.7327	682.8702
1482.7414	14	F 10	1251.6486	626.3282
1579.7942	15	P 9	1104.5802	552.7940
1694.8211	16	D 8	1007.5274	504.2676
1831.8801	17	H 7	892.5005	446.7542
1928.9328	18	P 6	755.4416	378.2247
2042.0169	19	L 5	658.3888	329.6983
2155.1009	20	L 4	545.3047	273.1563
2283.1595	21	Q 3	432.2207	216.6142
2412.2021	22	E 2	304.1621	152.5850
	23	R 1	175.1195	88.0637

N-term:+29.04 C(11):+160.03

ILNLPESWDWR, MH+ 1462.7906, m/z 488.2684
 H OSG37 P180811 230811-s1.08560.08560.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

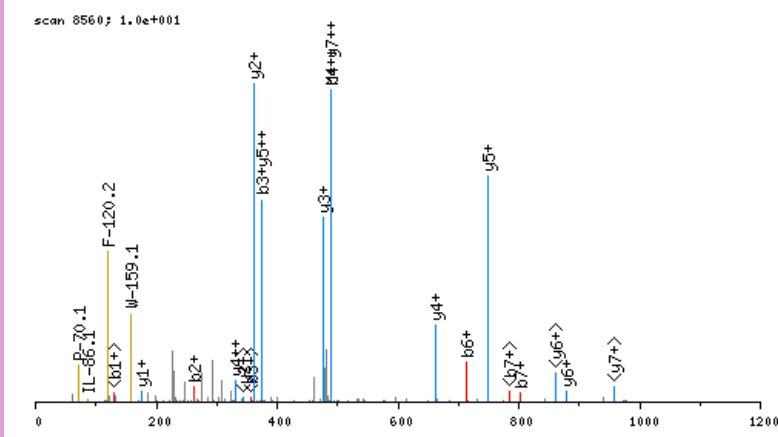
y + 2+ 3+

z + 2+ 3+

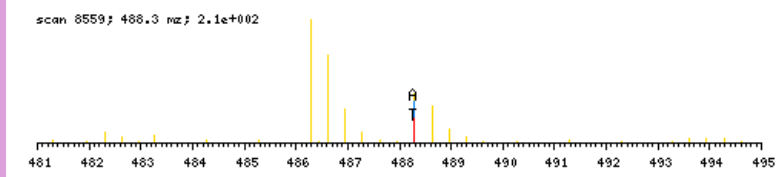
hide H₂O/NH₃

zoom 112-122

GO



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



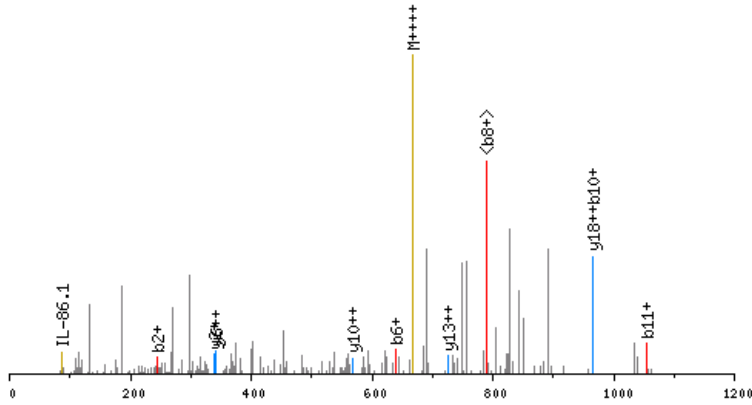
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
148.1550	1	I 11		
261.2390	2	L 10	1315.6435	658.3257
375.2820	3	N 9	1202.5594	601.7836
488.3660	4	L 8	1088.5165	544.7622
585.4188	5	P 7	975.4325	488.2201
714.4614	6	E 6	878.3797	439.6938
801.4934	7	S 5	749.3371	375.1725
987.5727	8	W 4	662.3051	331.6564
1102.5997	9	D 3	476.2258	238.6168
1288.6790	10	W 2	361.1988	181.1033
	11	R 1	175.1195	88.0637

N-term:+35.07

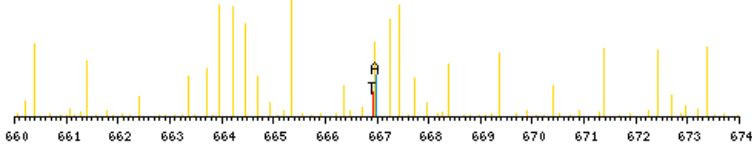
IPPTVPASASKVAFPEILGTSVKR, MH+ 2664.6553, m/z 666.9193
 H OSG40 P180811 230811-s1.09453.09453.4.dta

scan 9453; 8.9e-001



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

scan 9449; 666.9 nz; 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⁺
148.1550	1	I	25		
245.2077	2	P	24	2517.5081	1259.2580
342.2605	3	P	23	2420.4554	1210.7316
443.3082	4	T	22	2323.4026	1162.2052
540.3609	5	P	21	2222.3549	1111.6814
639.4293	6	V	20	2125.3022	1063.1550
736.4821	7	P	19	2026.2338	1013.6208
807.5192	8	A	18	1929.1810	965.0944
894.5513	9	S	17	1858.1439	929.5759
965.5884	10	A	16	1771.1119	886.0598
1052.6204	11	S	15	1700.0747	850.5413
1214.7785	12	K	14	1613.0427	807.0253
1313.8469	13	V	13	1450.8846	725.9462
1384.8840	14	A	12	1351.8162	676.4120
1531.9524	15	F	11	1280.7791	640.8935
1629.0052	16	P	10	1133.7107	567.3592
1758.0478	17	E	9	1036.6579	518.8329
1871.1319	18	I	8	907.6153	454.3116
1984.2159	19	L	7	794.5312	397.7695
2041.2374	20	G	6	681.4472	341.2275
2142.2851	21	T	5	624.4257	312.7168
2229.3171	22	S	4	523.3780	262.1929
2328.3855	23	V	3	436.3460	218.6769
2490.5436	24	K	2	337.2776	169.1427
	25	R	1	175.1195	88.0637

N-term: +35.07 K(12): +162.16
 K(24): +162.16

IQMTQTPSSLSASLGDR, MH+ 1825.9542, m/z 609.3229
 H OSG36 P180811 230811-s1.04326.04326.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

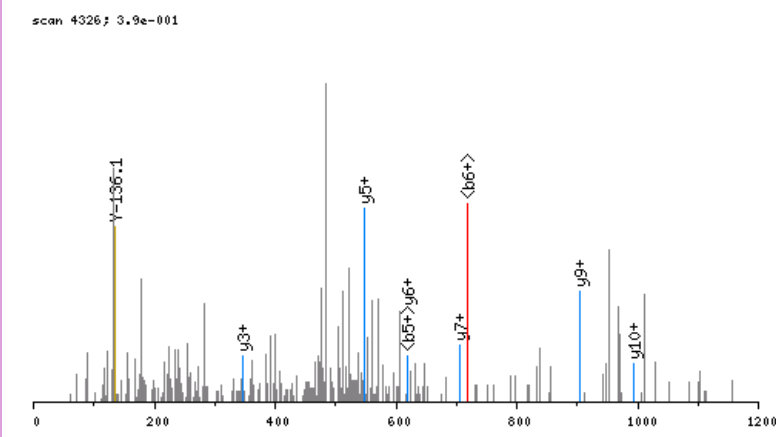
y + 2+ 3+

z + 2+ 3+

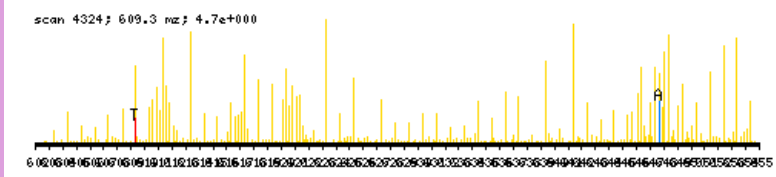
hide H₂O/NH₃

zoom 112-122

GO



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



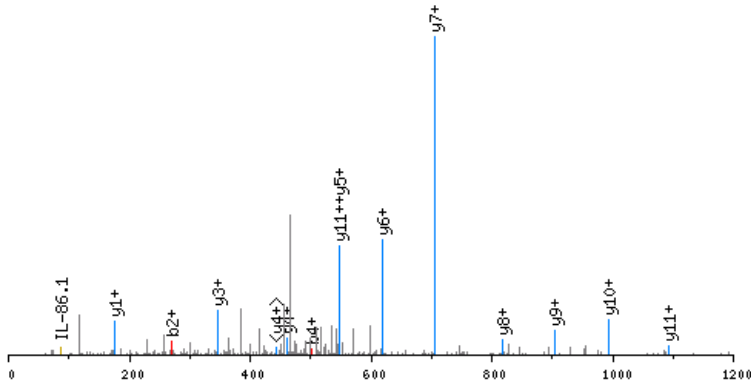
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
148.1550	1	I	17		
276.2135	2	Q	16	1678.8070	839.9074
407.2540	3	M	15	1550.7484	775.8781
508.3017	4	T	14	1419.7080	710.3579
636.3603	5	Q	13	1318.6603	659.8341
737.4080	6	T	12	1190.6017	595.8048
834.4607	7	P	11	1089.5540	545.2809
921.4928	8	S	10	992.5013	496.7545
1008.5248	9	S	9	905.4692	453.2385
1121.6088	10	L	8	818.4372	409.7225
1208.6409	11	S	7	705.3531	353.1805
1279.6780	12	A	6	618.3211	309.6645
1366.7100	13	S	5	547.2840	274.1459
1479.7941	14	L	4	460.2520	230.6299
1536.8155	15	G	3	347.1679	174.0879
1651.8425	16	D	2	290.1464	145.5771
	17	R	1	175.1195	88.0637

N-term:+35.07

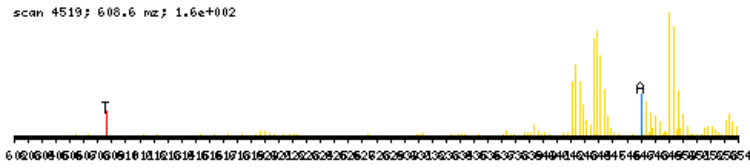
IQMTQTSSLSASLGDR, MH+ 1823.9173, m/z 608.6439
 L OSG36 P180811 230811-s1.04520.04520.3.dta

scan 4520; 5.1e+000



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

scan 4519; 608.6 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⁺
142.1232	1	I	17		
270.1817	2	Q	16	1682.8019	841.9049
401.2222	3	M	15	1554.7434	777.8756
502.2699	4	T	14	1423.7029	712.3554
630.3285	5	Q	13	1322.6552	661.8315
731.3762	6	T	12	1194.5966	597.8022
832.4238	7	T	11	1093.5489	547.2784
919.4559	8	S	10	992.5013	496.7545
1006.4879	9	S	9	905.4692	453.2385
1119.5720	10	L	8	818.4372	409.7225
1206.6040	11	S	7	705.3531	353.1805
1277.6411	12	A	6	618.3211	309.6645
1364.6731	13	S	5	547.2840	274.1459
1477.7572	14	L	4	460.2520	230.6299
1534.7787	15	G	3	347.1679	174.0879
1649.8056	16	D	2	290.1464	145.5771
	17	R	1	175.1195	88.0637

N-term:+29.04

IQVTPQEKKAIER, MH+ 1596.8961, m/z 532.9702
 L OSG39 P180811 230811-s1.03032.03032.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

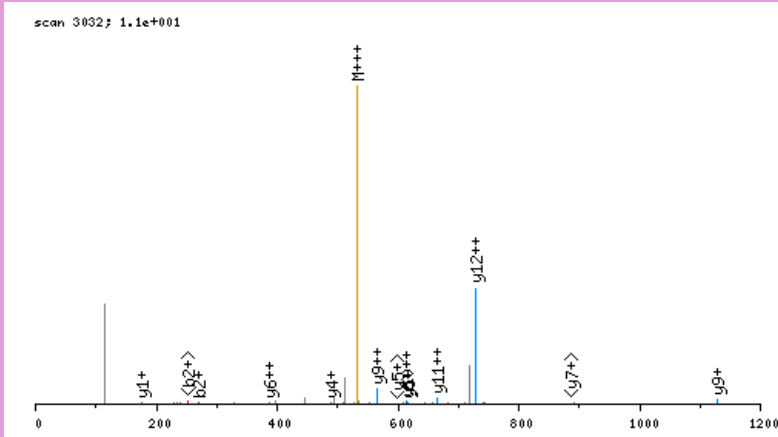
y + 2+ 3+

z + 2+ 3+

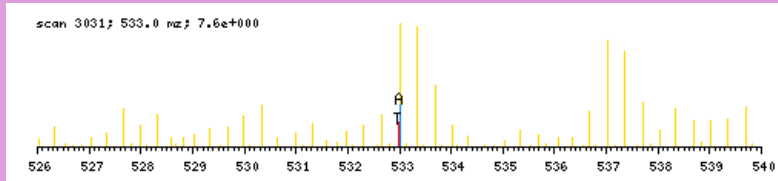
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 13		
270.1817	2	Q 12	1455.7808	728.3943
369.2502	3	V 11	1327.7222	664.3650
470.2978	4	T 10	1228.6538	614.8308
567.3506	5	P 9	1127.6061	564.3070
695.4092	6	Q 8	1030.5533	515.7806
824.4518	7	E 7	902.4948	451.7513
980.5781	8	K 6	773.4522	387.2300
1109.6207	9	E 5	617.3259	309.1668
1180.6578	10	A 4	488.2833	244.6455
1293.7418	11	I 3	417.2462	209.1270
1422.7844	12	E 2	304.1621	152.5850
	13	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+

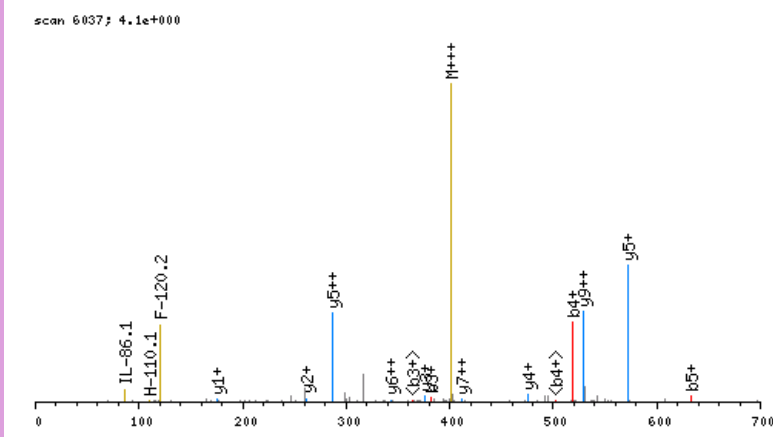
y + 2+ 3+

z + 2+ 3+

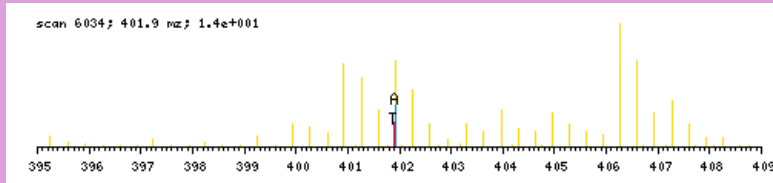
hide H₂O/NH₃

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⁺
148.1550	1	I 10		
235.1870	2	S 9	1056.5591	528.7834
382.2554	3	F 8	969.5270	485.2674
519.3143	4	H 7	822.4586	411.7332
632.3984	5	L 6	685.3997	343.2038
729.4511	6	P 5	572.3156	286.6617
828.5196	7	V 4	475.2629	238.1353
942.5625	8	N 3	376.1945	188.6011
1029.5945	9	S 2	262.1515	131.5797
	10	R 1	175.1195	88.0637

N-term:+35.07

ISWYDNEYGYSNR, MH+ 1700.7769, m/z 567.5971
 H OSG37 P180811 230811-s1.05935.05935.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

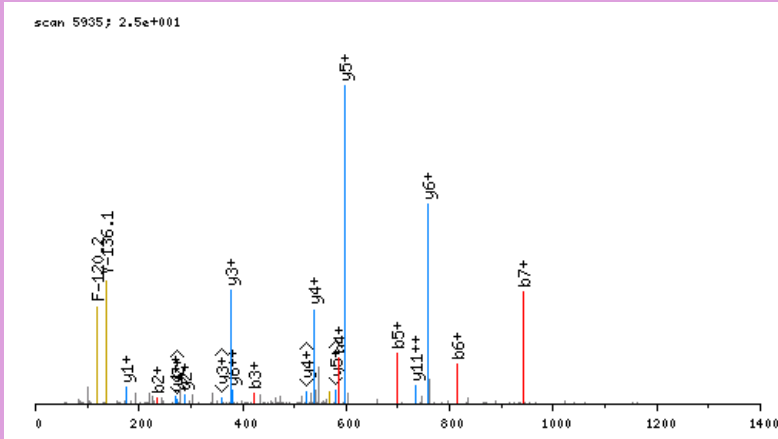
y + 2+ 3+

z + 2+ 3+

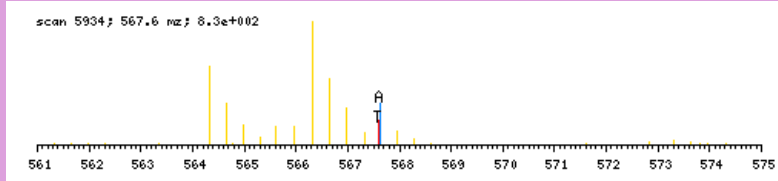
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
235.1870	2	S 12	1553.6297	777.3188
421.2663	3	W 11	1466.5977	733.8028
584.3296	4	Y 10	1280.5184	640.7631
699.3566	5	D 9	1117.4550	559.2314
813.3995	6	N 8	1002.4281	501.7180
942.4421	7	E 7	888.3852	444.6965
1105.5054	8	Y 6	759.3426	380.1752
1162.5269	9	G 5	596.2792	298.6435
1325.5902	10	Y 4	539.2578	270.1328
1412.6222	11	S 3	376.1945	188.6011
1526.6652	12	N 2	289.1624	145.0851
	13	R 1	175.1195	88.0637

N-term:+35.07

IVAPGKGIILAADESTGSIKR, MH+ 2138.2549, m/z 535.3192
 L OSG40 P180811 230811-s1.05272.05272.4.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+

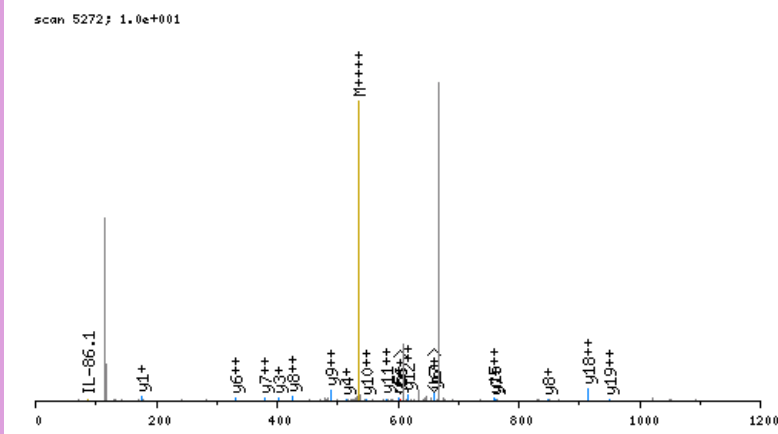
y + 2+ 3+

z + 2+ 3+

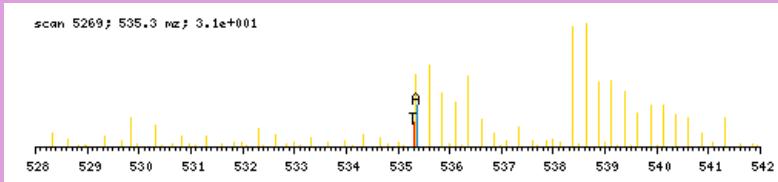
hide H₂O/NH₃

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

IVITQDELSNPVTSGESVSISCR, MH+ 2519.2662, m/z 630.5720
 L OSG36 P180811 230811-s1.05427.05427.4.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+

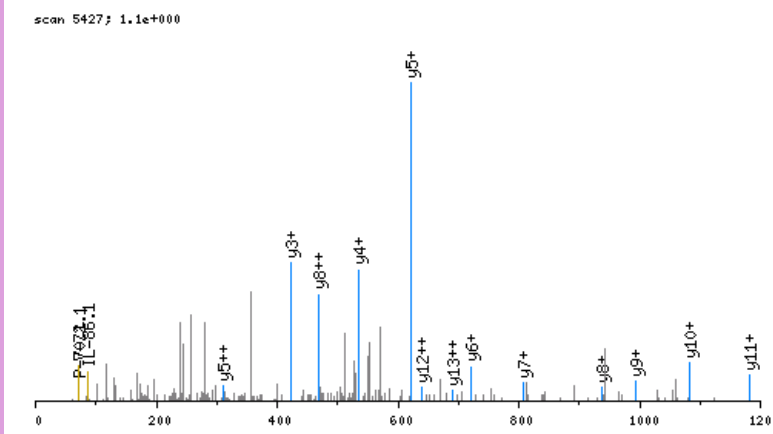
y + 2+ 3+

z + 2+ 3+

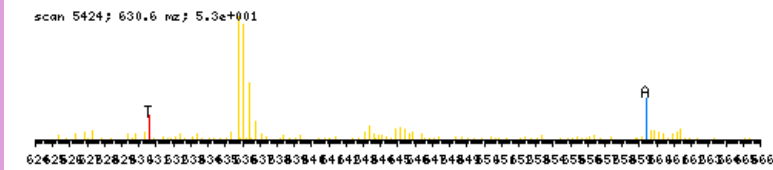
hide H₂O/NH₃

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 23		
241.1916	2	V 22	2378.1509	1189.5794
354.2756	3	I 21	2279.0825	1140.0452
455.3233	4	T 20	2165.9984	1083.5031
583.3819	5	Q 19	2064.9507	1032.9793
698.4088	6	D 18	1936.8922	968.9500
827.4514	7	E 17	1821.8652	911.4365
940.5355	8	L 16	1692.8226	846.9152
1027.5675	9	S 15	1579.7386	790.3732
1141.6105	10	N 14	1492.7065	746.8572
1238.6632	11	P 13	1378.6636	689.8357
1337.7316	12	V 12	1281.6108	641.3093
1438.7793	13	T 11	1182.5424	591.7751
1525.8113	14	S 10	1081.4947	541.2513
1582.8328	15	G 9	994.4627	497.7353
1711.8754	16	E 8	937.4413	469.2245
1798.9074	17	S 7	808.3987	404.7032
1897.9758	18	V 6	721.3666	361.1872
1985.0079	19	S 5	622.2982	311.6530
2098.0919	20	I 4	535.2662	268.1370
2185.1240	21	S 3	422.1821	211.5950
2345.1546	22	C 2	335.1501	168.0790
	23	R 1	175.1195	88.0637

N-term:+29.04 C(22):+160.03

IVLTQSPAITAASLGQK, MH+ 1754.0428, m/z 585.3524
 L OSG36 P180811 230811-s1.04935.04935.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

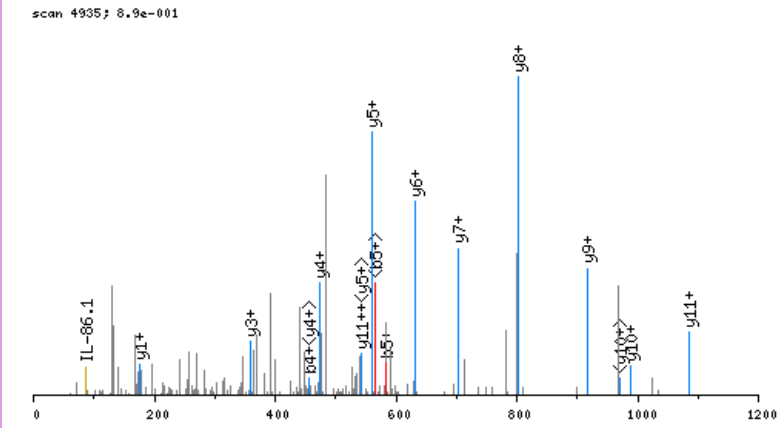
y + 2+ 3+

z + 2+ 3+

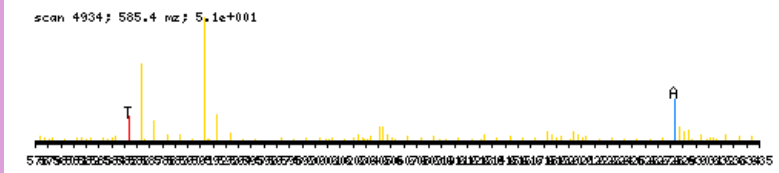
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1612.9274	806.9676
354.2756	3	L 15	1513.8590	757.4334
455.3233	4	T 14	1400.7750	700.8914
583.3819	5	Q 13	1299.7273	650.3676
670.4139	6	S 12	1171.6687	586.3383
767.4667	7	P 11	1084.6367	542.8222
838.5038	8	A 10	987.5839	494.2959
951.5879	9	I 9	916.5468	458.7773
1052.6355	10	T 8	803.4627	402.2353
1123.6727	11	A 7	702.4151	351.7114
1194.7098	12	A 6	631.3779	316.1929
1281.7418	13	S 5	560.3408	280.6743
1394.8259	14	L 4	473.3088	237.1583
1451.8473	15	G 3	360.2247	180.6163
1579.9059	16	Q 2	303.2033	152.1055
	17	K 1	175.1447	88.0763

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

IVLTQSPASLAVSLGQR, MH+ 1774.0650, m/z 592.0265
 H OSG37 P180811 230811-s1.08480.08480.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

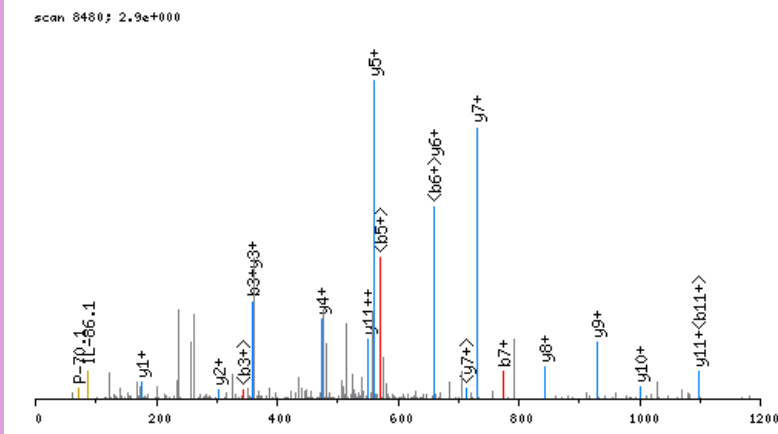
y + 2+ 3+

z + 2+ 3+

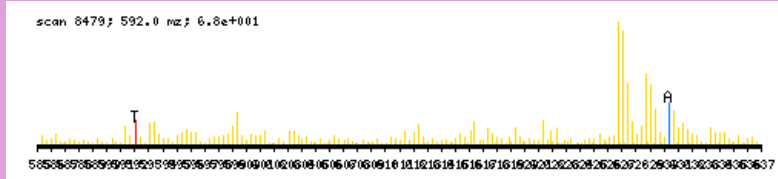
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
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

IVPIVEPEILPDGDHDLKR, MH+ 2223.3025, m/z 556.5811
 H OSG40 P180811 230811-s1.07548.07548.4.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+

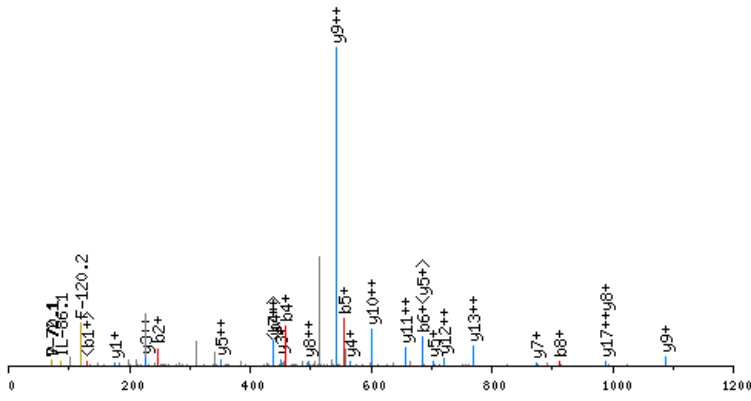
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

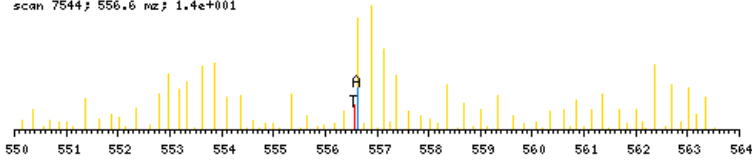
GO

scan 7548; 4.1e+000



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

scan 7544; 556.6 mz; 1.4e+001



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

b ⁺	#	AA	#	y ⁺	y ²⁺
148.1550	1	I	19		
247.2234	2	V	18	2076.1554	1038.5816
344.2761	3	P	17	1977.0870	989.0474
457.3602	4	I	16	1880.0342	940.5210
556.4286	5	V	15	1766.9501	883.9790
685.4712	6	E	14	1667.8817	834.4448
782.5240	7	P	13	1538.8391	769.9235
911.5666	8	E	12	1441.7864	721.3971
1024.6506	9	I	11	1312.7438	656.8758
1137.7347	10	L	10	1199.6597	600.3338
1234.7875	11	P	9	1086.5756	543.7917
1349.8144	12	D	8	989.5229	495.2653
1406.8359	13	G	7	874.4959	437.7519
1521.8628	14	D	6	817.4745	409.2411
1658.9217	15	H	5	702.4475	351.7277
1773.9487	16	D	4	565.3886	283.1982
1887.0327	17	L	3	450.3617	225.6847
2049.1908	18	K	2	337.2776	169.1427
	19	R	1	175.1195	88.0637

N-term:+35.07 K(18):+162.16

KAPQVSTPTLVEAAR, MH+ 1623.9434, m/z 541.9860
 L OSG39 P180811 230811-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+

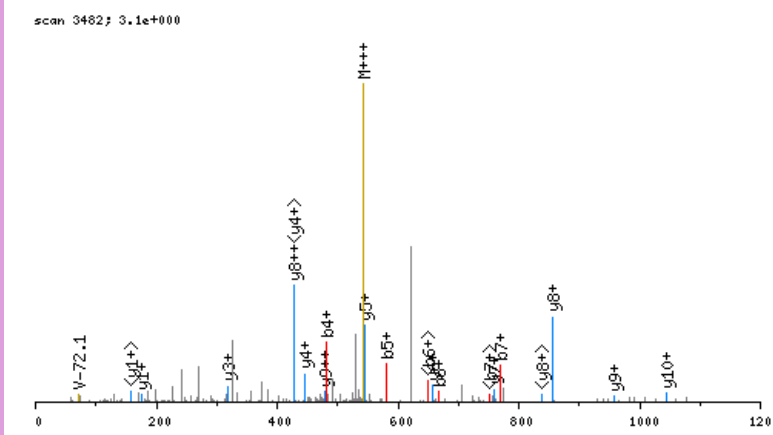
y + 2+ 3+

z + 2+ 3+

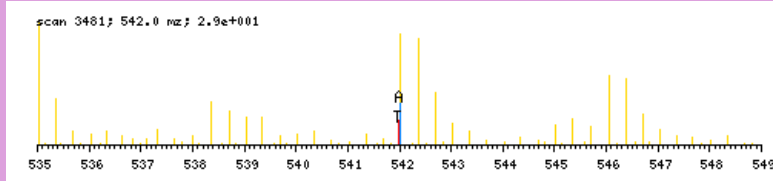
hide H₂O/NH₃

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⁺
185.1654	1	K 15		
256.2025	2	A 14	1439.7858	720.3968
353.2553	3	P 13	1368.7487	684.8783
481.3139	4	Q 12	1271.6959	636.3519
580.3823	5	V 11	1143.6374	572.3226
667.4143	6	S 10	1044.5689	522.7884
768.4620	7	T 9	957.5369	479.2724
865.5147	8	P 8	856.4892	428.7485
966.5624	9	T 7	759.4365	380.2222
1079.6465	10	L 6	658.3888	329.6983
1178.7149	11	V 5	545.3047	273.1563
1307.7575	12	E 4	446.2363	223.6221
1378.7946	13	A 3	317.1937	159.1008
1449.8317	14	A 2	246.1566	123.5822
	15	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13

KASPQTTKASPQAKPLR, MH+ 1921.1599, m/z 481.0454
 L OSG40 P180811 230811-s1.05263.05263.4.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+

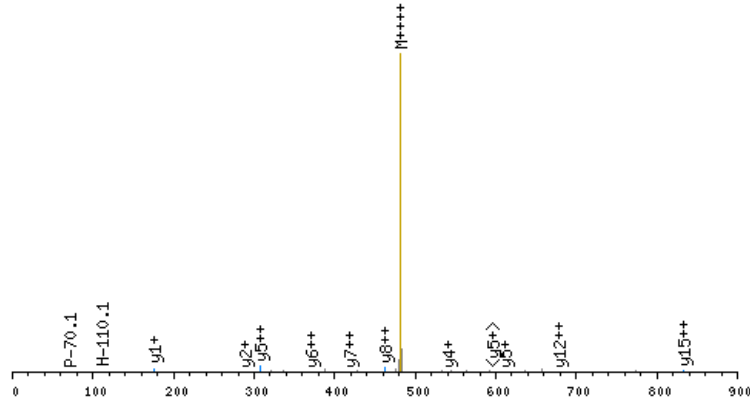
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

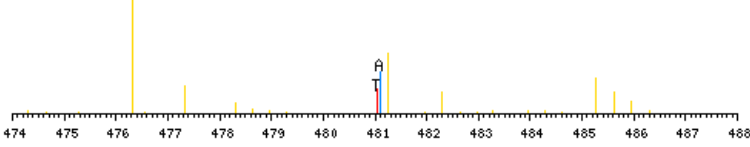
GO

scan 5263; 4.3e+001



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

scan 5259; 481.0 m/z; 8.8e+002



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	1737.0024	869.0051
343.2345	3	S	15	1665.9653	833.4865
440.2873	4	P	14	1578.9332	789.9705
568.3459	5	Q	13	1481.8805	741.4441
669.3936	6	T	12	1353.8219	677.4149
770.4412	7	T	11	1252.7742	626.8910
926.5675	8	K	10	1151.7265	576.3672
997.6047	9	A	9	995.6002	498.3040
1084.6367	10	S	8	924.5631	462.7855
1181.6894	11	P	7	837.5311	419.2695
1309.7480	12	Q	6	740.4783	370.7431
1380.7851	13	A	5	612.4197	306.7138
1536.9114	14	K	4	541.3826	271.1952
1633.9642	15	P	3	385.2563	193.1321
1747.0483	16	L	2	288.2036	144.6057
	17	R	1	175.1195	88.0637

N-term:+29.04 K(1):+156.13
 K(8):+156.13 K(14):+156.13

KATAVLGPPRK, MH+ 1221.8048, m/z 407.9398
 L OSG40 P180811 230811-s1.03693.03693.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

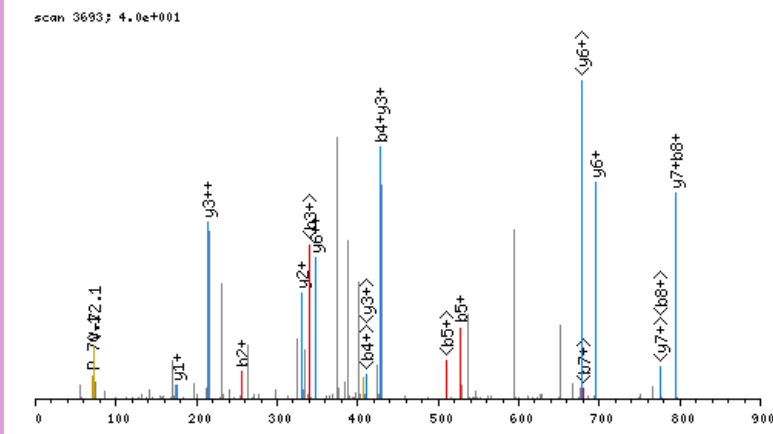
y + 2+ 3+

z + 2+ 3+

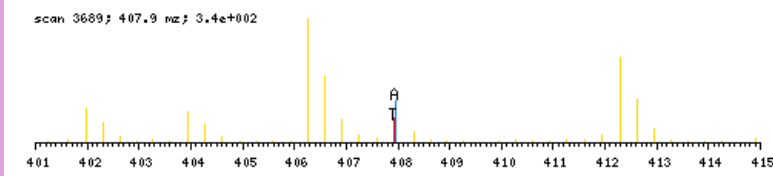
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
256.2025	2	A 10	1037.6472	519.3275
357.2502	3	T 9	966.6101	483.8089
428.2873	4	A 8	865.5624	433.2851
527.3557	5	V 7	794.5253	397.7665
640.4398	6	L 6	695.4569	348.2323
697.4612	7	G 5	582.3728	291.6903
794.5140	8	P 4	525.3513	263.1796
891.5668	9	P 3	428.2986	214.6532
1047.6679	10	R 2	331.2458	166.1268
	11	K 1	175.1447	88.0763

N-term:+29.04 K(1):+156.13
 K(11):+156.13

KATEMVEVGPEDDEVGAER, MH+ 2129.0709, m/z 710.3618
 H OSG39 P180811 230811-s1.03563.03563.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

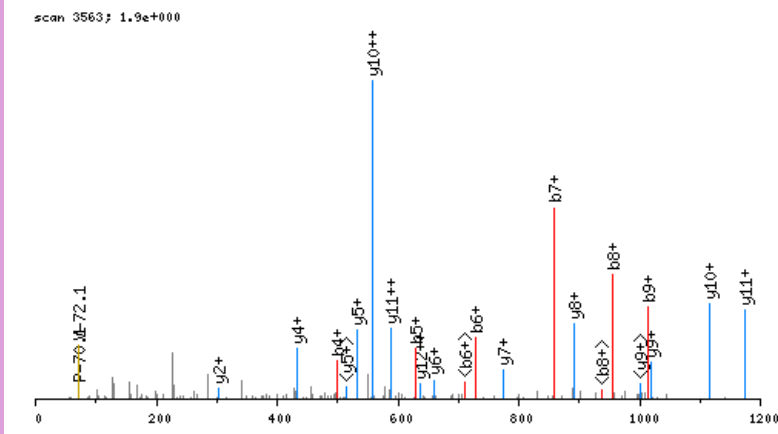
y + 2+ 3+

z + 2+ 3+

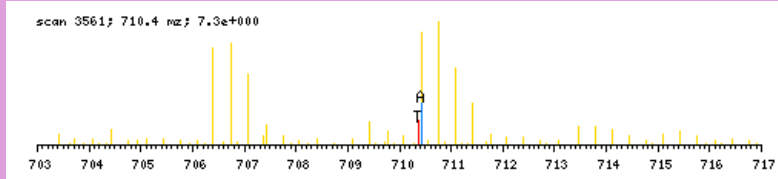
hide H₂O/NH₃

zoom 112-122

GO



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



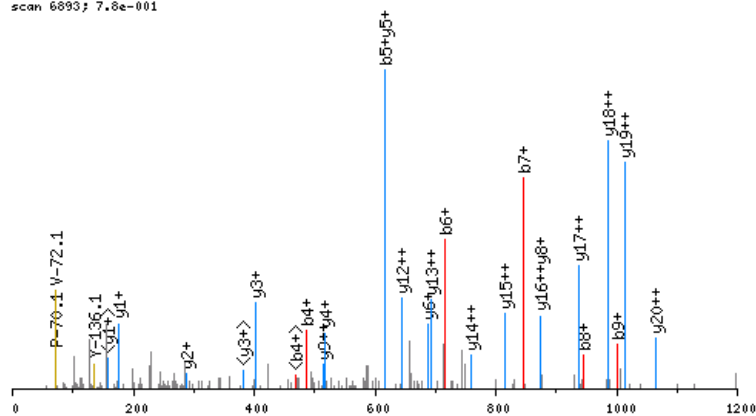
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
197.2290	1	K 19		
268.2661	2	A 18	1932.8497	966.9288
369.3138	3	T 17	1861.8126	931.4102
498.3564	4	E 16	1760.7649	880.8864
629.3969	5	M 15	1631.7223	816.3651
728.4653	6	V 14	1500.6818	750.8448
857.5079	7	E 13	1401.6134	701.3106
956.5763	8	V 12	1272.5708	636.7893
1013.5978	9	G 11	1173.5024	587.2551
1110.6505	10	P 10	1116.4809	558.7444
1239.6931	11	E 9	1019.4282	510.2180
1354.7201	12	D 8	890.3856	445.6967
1469.7470	13	D 7	775.3586	388.1832
1598.7896	14	E 6	660.3317	330.6698
1697.8580	15	V 5	531.2891	266.1485
1754.8795	16	G 4	432.2207	216.6142
1825.9166	17	A 3	375.1992	188.1035
1954.9592	18	E 2	304.1621	152.5850
	19	R 1	175.1195	88.0637

N-term:+35.07 K(1):+162.16

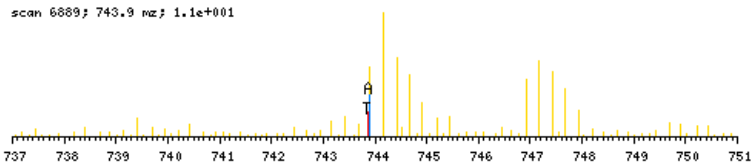
KATEMVEVGPEDDEVGAERGEATDLLR, MH+ 2972.4523, m/z 743.8685
 I OSG40 P180811 230811-s1.06893.06893.4.dta

scan 6893; 7.8e-001



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

scan 6889; 743.9 m/z; 1.1e+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⁺
185.1654	1	K 27		
256.2025	2	A 26	2788.2947	1394.6513
357.2502	3	T 25	2717.2576	1359.1327
486.2928	4	E 24	2616.2099	1308.6089
617.3333	5	M 23	2487.1673	1244.0876
716.4017	6	V 22	2356.1268	1178.5673
845.4443	7	E 21	2257.0584	1129.0331
944.5127	8	V 20	2128.0158	1064.5118
1001.5342	9	G 19	2028.9474	1014.9776
1098.5869	10	P 18	1971.9260	986.4669
1227.6295	11	E 17	1874.8732	937.9405
1342.6565	12	D 16	1745.8306	873.4192
1457.6834	13	D 15	1630.8037	815.9057
1586.7260	14	E 14	1515.7767	758.3923
1685.7944	15	V 13	1386.7341	693.8710
1742.8159	16	G 12	1287.6657	644.3368
1813.8530	17	A 11	1230.6442	615.8260
1942.8956	18	E 10	1159.6071	580.3075
2098.9967	19	R 9	1030.5645	515.7862
2156.0182	20	G 8	874.4634	437.7356
2285.0607	21	E 7	817.4420	409.2249
2356.0979	22	A 6	688.3994	344.7036
2457.1455	23	T 5	617.3623	309.1850
2572.1725	24	D 4	516.3146	258.6612
2685.2565	25	L 3	401.2876	201.1477
2798.3406	26	L 2	288.2036	144.6057
	27	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13

KDAPDGPVVLTVDGR, MH+ 1695.9281, m/z 565.9809
 L OSG39 P180811 230811-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+

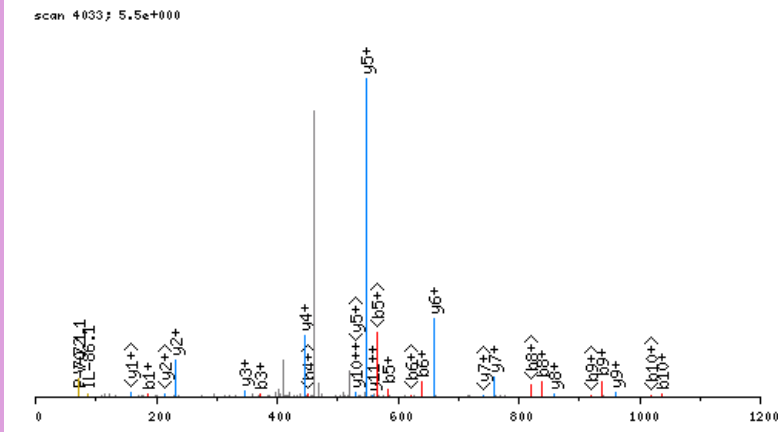
y + 2+ 3+

z + 2+ 3+

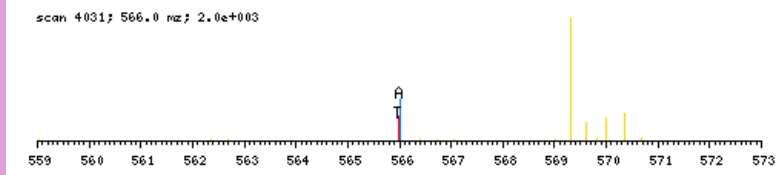
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

KDLFDPIIEER, MH+ 1442.8531, m/z 481.6226
 H OSG40 P180811 230811-s1.07280.07280.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

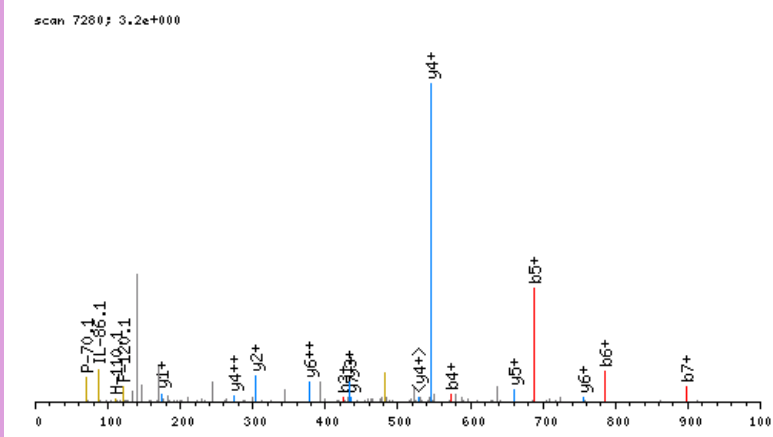
y + 2+ 3+

z + 2+ 3+

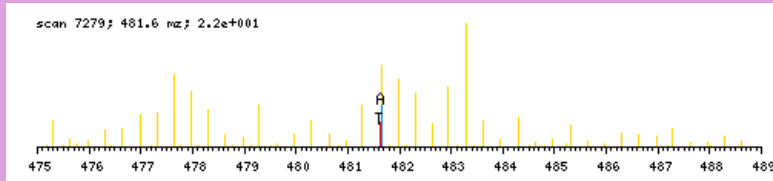
hide H₂O/NH₃

zoom 112-122

GO



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



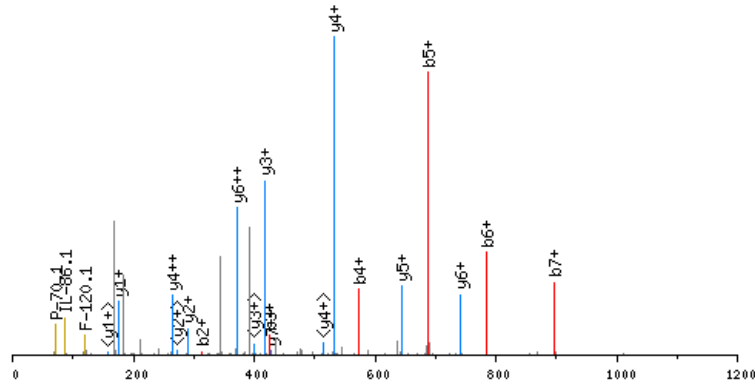
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

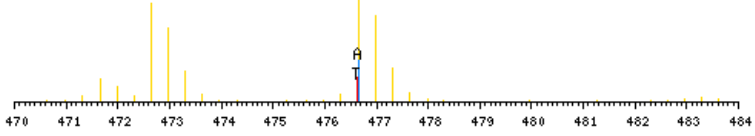
KDLFDPIIQDR, MH+ 1427.8535, m/z 476.6227
 H OSG40 P180811 230811-s1.07025.07025.3.dta

scan 7025; 3.2e+001



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

scan 7024; 476.6 m/z; 2.1e+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⁺
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 OSG40 P180811 230811-s1.06673.06673.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

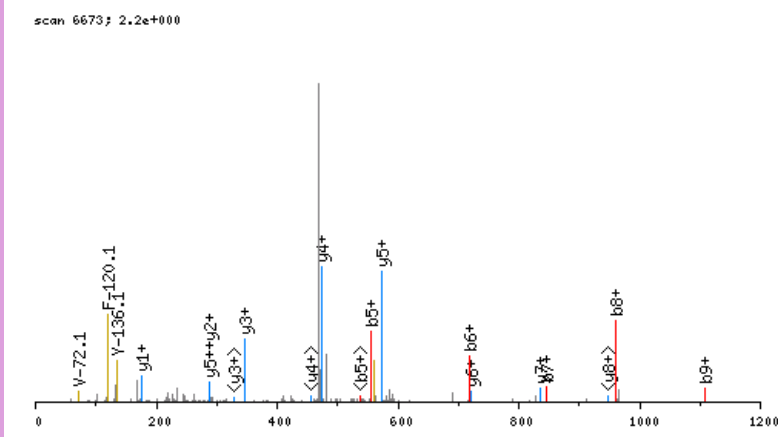
y + 2+ 3+

z + 2+ 3+

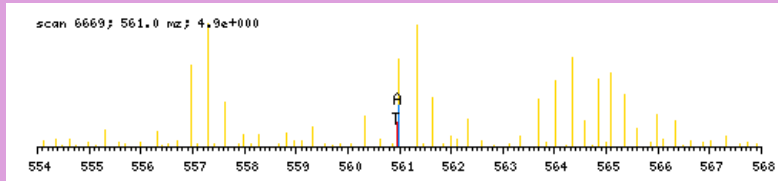
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

KDQSPASHEIATNLGDFAIISLYR, MH+ 2589.3313, m/z 648.0883
 L OSG40 P180811 230811-s1.09031.09031.4.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+

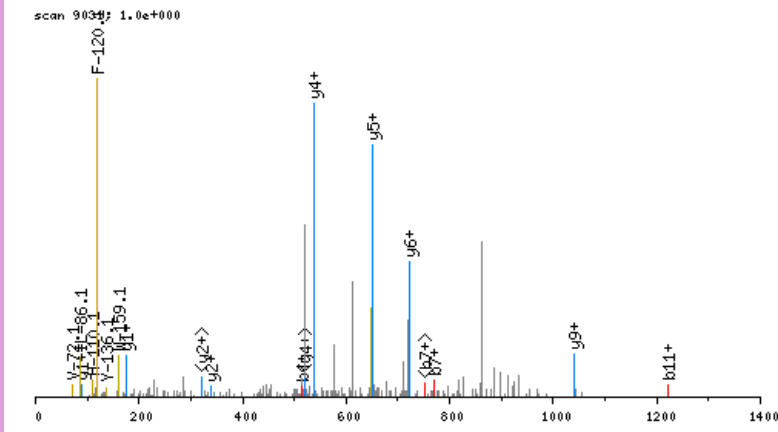
y + 2+ 3+

z + 2+ 3+

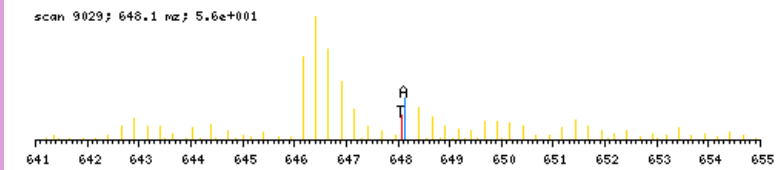
hide H₂O/NH₃

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 23		
300.1923	2	D 22	2405.1737	1203.0908
428.2509	3	Q 21	2290.1468	1145.5773
515.2829	4	S 20	2162.0882	1081.5480
612.3357	5	P 19	2075.0562	1038.0320
683.3728	6	A 18	1978.0034	989.5056
770.4049	7	S 17	1906.9663	953.9871
907.4638	8	H 16	1819.9343	910.4710
1036.5064	9	E 15	1682.8754	841.9416
1149.5904	10	I 14	1553.8328	777.4203
1220.6275	11	A 13	1440.7487	720.8783
1321.6752	12	T 12	1369.7116	685.3597
1435.7181	13	N 11	1268.6639	634.8359
1548.8022	14	L 10	1154.6210	577.8144
1605.8237	15	G 9	1041.5369	521.2724
1720.8506	16	D 8	984.5155	492.7616
1867.9190	17	F 7	869.4885	435.2482
1938.9561	18	A 6	722.4201	361.7140
2052.0402	19	I 5	651.3830	326.1954
2139.0722	20	S 4	538.2989	269.6534
2252.1563	21	L 3	451.2669	226.1374
2415.2196	22	Y 2	338.1828	169.5953
	23	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13

KDTPLPLVPPAAR, MH+ 1414.8422, m/z 472.2856
 L OSG39 P180811 230811-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+

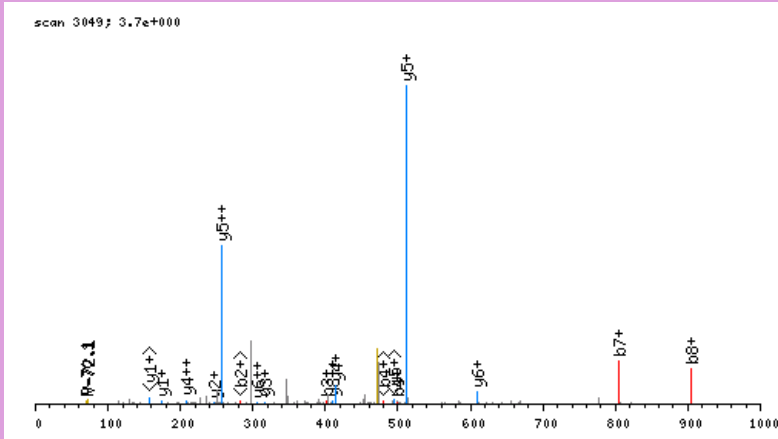
y + 2+ 3+

z + 2+ 3+

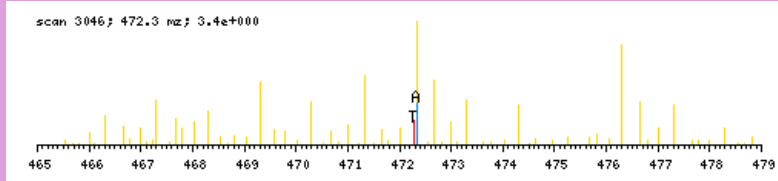
hide H₂O/NH₃

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⁺
185.1654	1	K 13		
300.1923	2	D 12	1230.6846	615.8462
401.2400	3	T 11	1115.6577	558.3328
498.2928	4	P 10	1014.6100	507.8089
595.3455	5	P 9	917.5573	459.2825
692.3983	6	P 8	820.5045	410.7562
805.4824	7	L 7	723.4517	362.2298
904.5508	8	V 6	610.3677	305.6877
1001.6036	9	P 5	511.2993	256.1535
1098.6563	10	P 4	414.2465	207.6272
1169.6934	11	A 3	317.1937	159.1008
1240.7305	12	A 2	246.1566	123.5822
	13	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13

KEAFTVIDQNR, MH+ 1376.7538, m/z 459.5895
 L OSG40 P180811 230811-s1.03385.03385.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

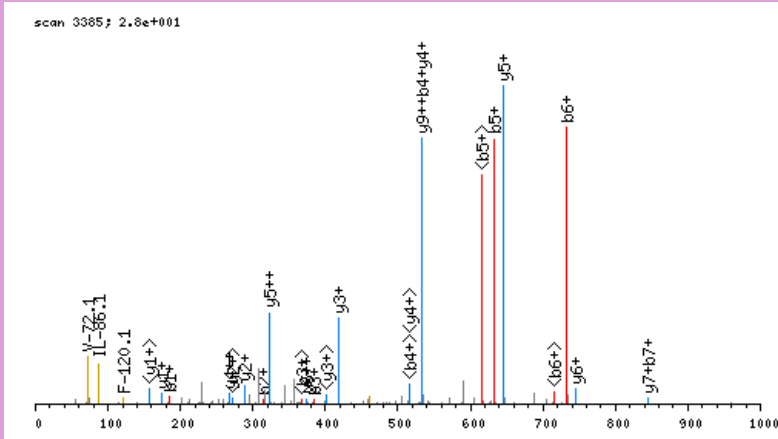
y + 2+ 3+

z + 2+ 3+

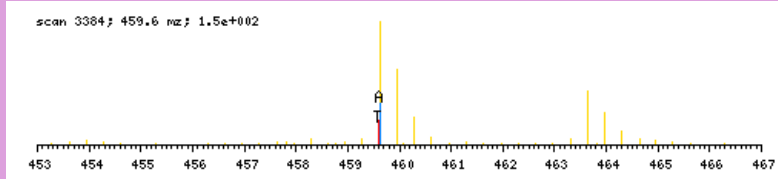
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

KEILGTAQSVGCNVDR, MH+ 1872.0285, m/z 624.6810
 H OSG40 P180811 230811-s1.04066.04066.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

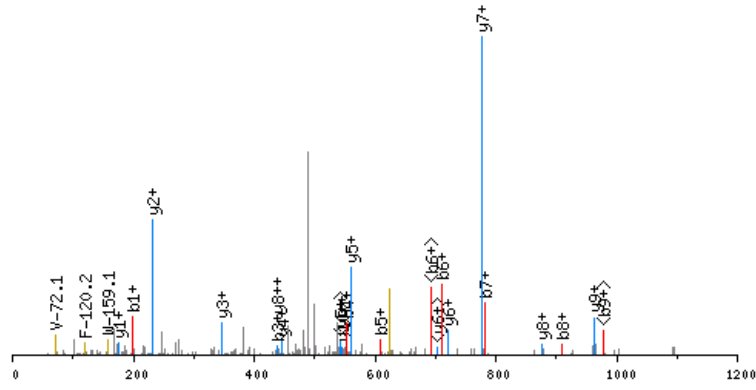
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

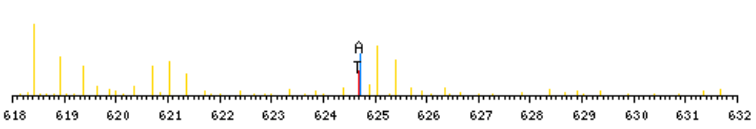
GO

scan 4066; 1.7e+000



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

scan 4064; 624.7 mz; 1.4e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
197.2290	1	K 17		
326.2716	2	E 16	1675.8073	838.4076
439.3557	3	I 15	1546.7647	773.8863
552.4397	4	L 14	1433.6807	717.3442
609.4612	5	G 13	1320.5966	660.8022
710.5089	6	T 12	1263.5751	632.2915
781.5460	7	A 11	1162.5274	581.7676
909.6046	8	Q 10	1091.4903	546.2491
996.6366	9	S 9	963.4318	482.2198
1095.7050	10	V 8	876.3997	438.7038
1152.7265	11	G 7	777.3313	389.1696
1312.7571	12	C 6	720.3098	360.6588
1426.8000	13	N 5	560.2792	280.6435
1525.8684	14	V 4	446.2363	223.6221
1640.8953	15	D 3	347.1679	174.0879
1697.9168	16	G 2	232.1410	116.5744
	17	R 1	175.1195	88.0637

N-term:+35.07 K(1):+162.16
 C(12):+160.03

KEPAAPVSIQR, MH+ 1263.8061, m/z 421.9402
 H OSG40 P180811 230811-s1.02835.02835.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

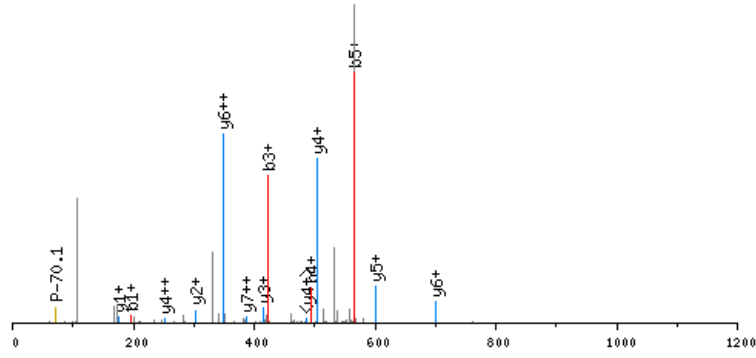
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

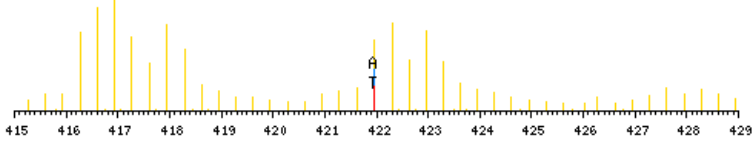
GO

scan 2835; 2.1e+001



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

scan 2834; 421.9 m/z; 7.7e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
197.2290	1	K 11		
326.2716	2	E 10	1067.5849	534.2964
423.3244	3	P 9	938.5423	469.7751
494.3615	4	A 8	841.4896	421.2487
565.3986	5	A 7	770.4525	385.7301
662.4513	6	P 6	699.4153	350.2116
761.5198	7	V 5	602.3626	301.6852
848.5518	8	S 4	503.2942	252.1510
961.6359	9	I 3	416.2621	208.6350
1089.6944	10	Q 2	303.1781	152.0930
	11	R 1	175.1195	88.0637

N-term:+35.07 K(1):+162.16

KEQFLDGDWTNR, MH+ 1635.8131, m/z 545.9426
 L OSG40 P180811 230811-s1.05816.05816.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

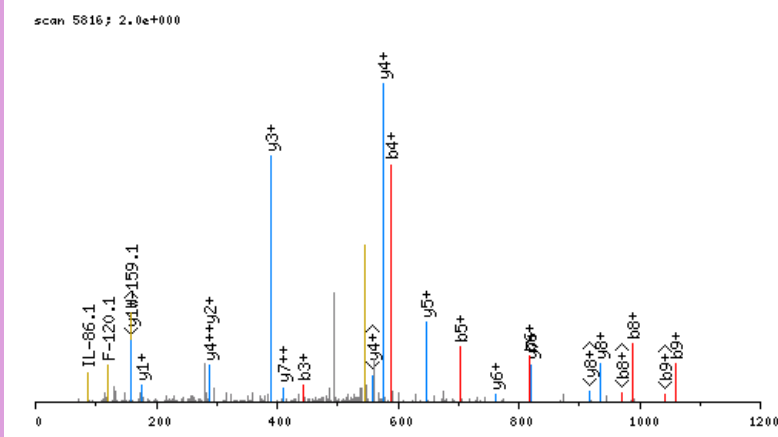
y + 2+ 3+

z + 2+ 3+

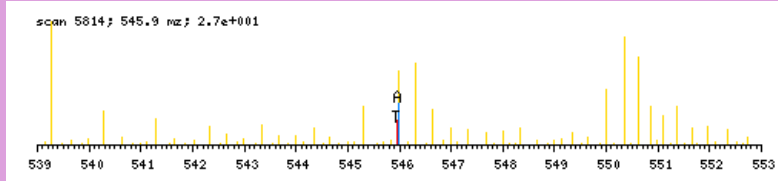
hide H₂O/NH₃

zoom 112-122

GO



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



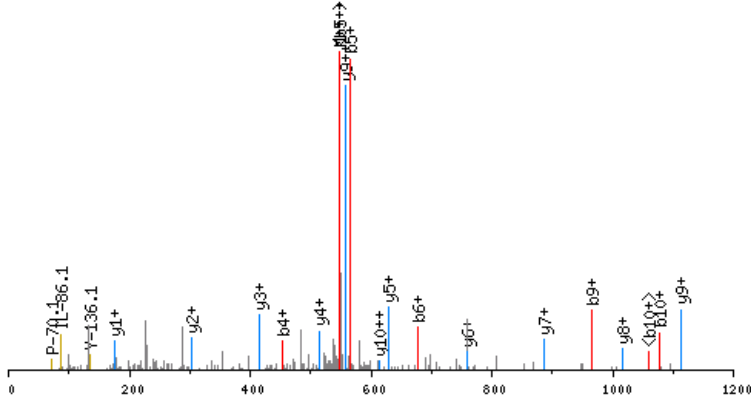
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1654	1	K 13		
314.2080	2	E 12	1451.6555	726.3317
442.2666	3	Q 11	1322.6129	661.8104
589.3350	4	F 10	1194.5544	597.7811
702.4190	5	L 9	1047.4859	524.2469
817.4460	6	D 8	934.4019	467.7049
874.4675	7	G 7	819.3749	410.1914
989.4944	8	D 6	762.3535	381.6807
1060.5315	9	A 5	647.3265	324.1672
1246.6108	10	W 4	576.2894	288.6486
1347.6585	11	T 3	390.2101	195.6090
1461.7014	12	N 2	289.1624	145.0851
	13	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13

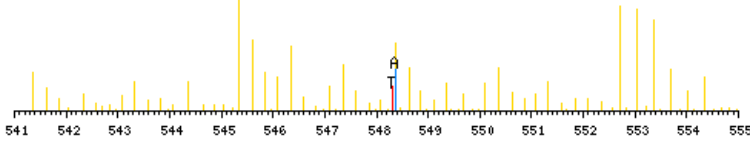
KGPTLLDGLPEQENVLQR, MH+ 2190.2406, m/z 548.3156
 H OSG39 P180811 230811-s1.05849.05849.4.dta

scan 5849; 1.3e+000



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

scan 5846; 548.3 m/z; 1.1e+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

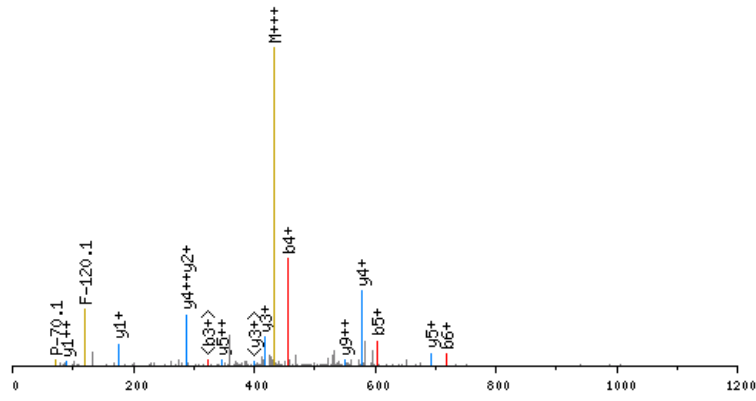
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
197.2290	1	K	19		
254.2505	2	G	18	1994.0195	997.5136
351.3032	3	P	17	1936.9980	969.0029
452.3509	4	T	16	1839.9452	920.4765
565.4350	5	L	15	1738.8976	869.9527
678.5190	6	L	14	1625.8135	813.4107
793.5460	7	D	13	1512.7294	756.8686
850.5674	8	G	12	1397.7025	699.3552
965.5944	9	D	11	1340.6810	670.8444
1078.6784	10	L	10	1225.6541	613.3310
1175.7312	11	P	9	1112.5700	556.7889
1304.7738	12	E	8	1015.5172	508.2625
1432.8324	13	Q	7	886.4747	443.7412
1561.8750	14	E	6	758.4161	379.7120
1675.9179	15	N	5	629.3735	315.1907
1774.9863	16	V	4	515.3306	258.1692
1888.0704	17	L	3	416.2621	208.6350
2016.1290	18	Q	2	303.1781	152.0930
	19	R	1	175.1195	88.0637

N-term:+35.07 K(1):+162.16

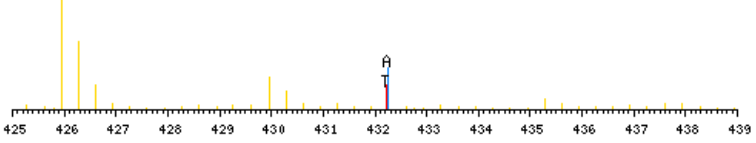
KGSDFDCELR, MH+ 1294.6737, m/z 432.2294
 H OSG40 P180811 230811-s1.02978.02978.3.dta

scan 2978; 7.8e+000



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

scan 2974; 432.2 m/z; 3.2e+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	10		
254.2505	2	G	9	1098.4526	549.7302
341.2825	3	S	8	1041.4311	521.2195
456.3094	4	D	7	954.3991	477.7034
603.3778	5	F	6	839.3721	420.1900
718.4048	6	D	5	692.3037	346.6558
878.4354	7	C	4	577.2768	289.1423
1007.4780	8	E	3	417.2462	209.1270
1120.5620	9	L	2	288.2036	144.6057
	10	R	1	175.1195	88.0637

N-term:+35.07 K(1):+162.16
 C(7):+160.03

KGSFSEQGINEFLR, MH+ 1667.8757, m/z 556.6301
 L OSG40 P180811 230811-s1.06502.06502.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

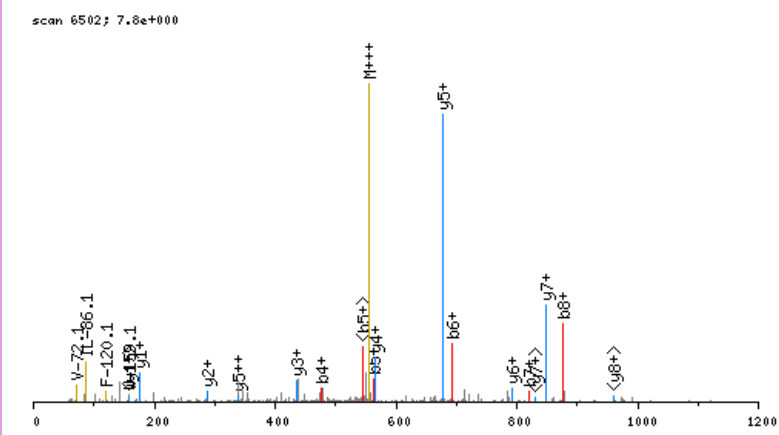
y + 2+ 3+

z + 2+ 3+

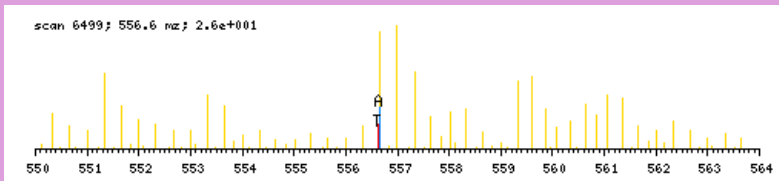
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
242.1869	2	G	13	1483.7181	742.3630
329.2189	3	S	12	1426.6967	713.8522
476.2873	4	F	11	1339.6646	670.3362
563.3193	5	S	10	1192.5962	596.8020
692.3619	6	E	9	1105.5642	553.2860
820.4205	7	Q	8	976.5216	488.7647
877.4420	8	G	7	848.4630	424.7354
990.5260	9	I	6	791.4416	396.2247
1104.5690	10	N	5	678.3575	339.6827
1233.6116	11	E	4	564.3146	282.6612
1380.6800	12	F	3	435.2720	218.1399
1493.7640	13	L	2	288.2036	144.6057
	14	R	1	175.1195	88.0637

N-term:+29.04 K(1):+156.13

KGVPEDAVETLAGSLGTR, MH+ 1967.1449, m/z 656.3865
 H OSG39 P180811 230811-s1.07015.07015.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

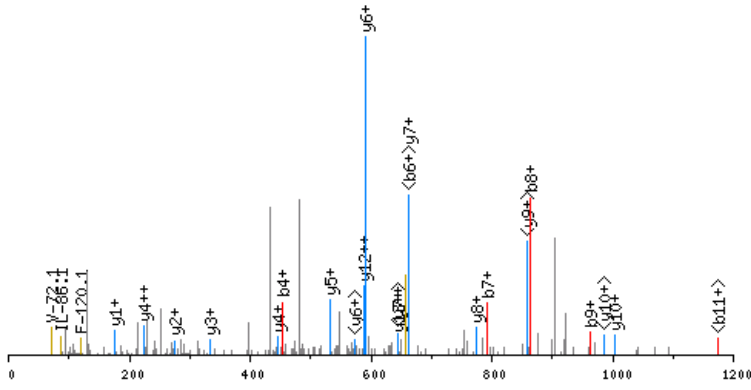
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

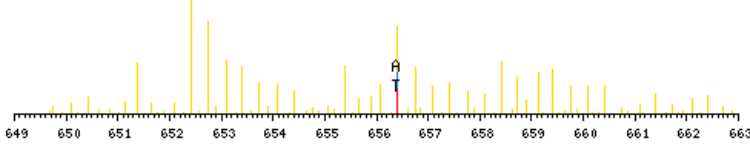
GO

scan 7015; 9.6e-001



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

scan 7011; 656.4 m/z; 8.4e+000



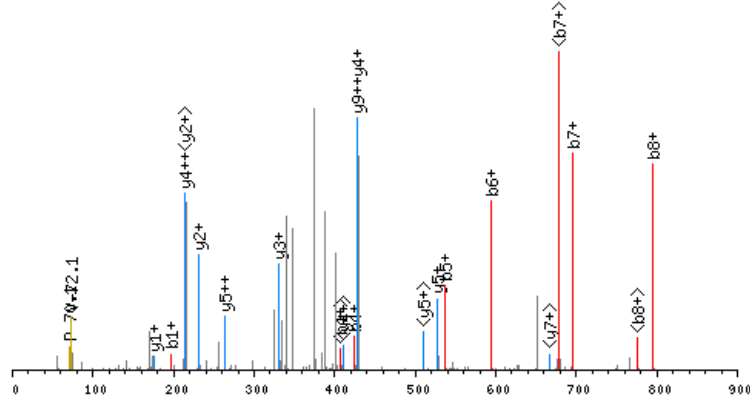
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
197.2290	1	K 19		
254.2505	2	G 18	1770.9238	885.9658
353.3189	3	V 17	1713.9023	857.4551
452.3873	4	V 16	1614.8339	807.9209
549.4401	5	P 15	1515.7655	758.3867
678.4826	6	E 14	1418.7127	709.8603
793.5096	7	D 13	1289.6701	645.3390
864.5467	8	A 12	1174.6432	587.8255
963.6151	9	V 11	1103.6061	552.3069
1092.6577	10	E 10	1004.5376	502.7727
1193.7054	11	T 9	875.4951	438.2514
1306.7895	12	L 8	774.4474	387.7276
1377.8266	13	A 7	661.3633	331.1856
1434.8480	14	G 6	590.3262	295.6670
1521.8801	15	S 5	533.3047	267.1563
1634.9641	16	L 4	446.2727	223.6403
1691.9856	17	G 3	333.1886	167.0982
1793.0333	18	T 2	276.1672	138.5875
	19	R 1	175.1195	88.0637

N-term:+35.07 K(1):+162.16

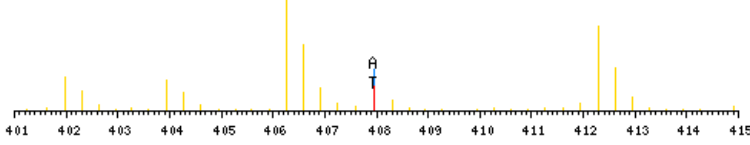
KIGGIGTVPVGR, MH+ 1221.8319, m/z 407.9488
 H OSG40 P180811 230811-s1.03693.03693.3.dta

scan 3693; 4.0e+001



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

scan 3689; 407.9 m/z; 3.4e+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 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

KKEDIEKENR, MH+ 1400.8114, m/z 467.6086
 L OSG40 P180811 230811-s1.11363.11363.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

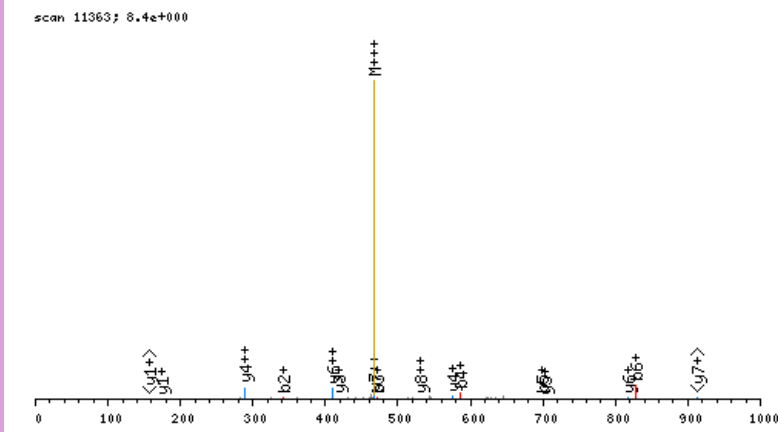
y + 2+ 3+

z + 2+ 3+

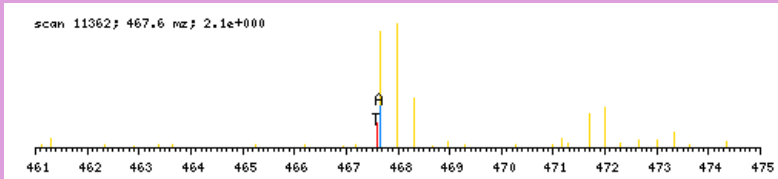
hide H₂O/NH₃

zoom 112-122

GO



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



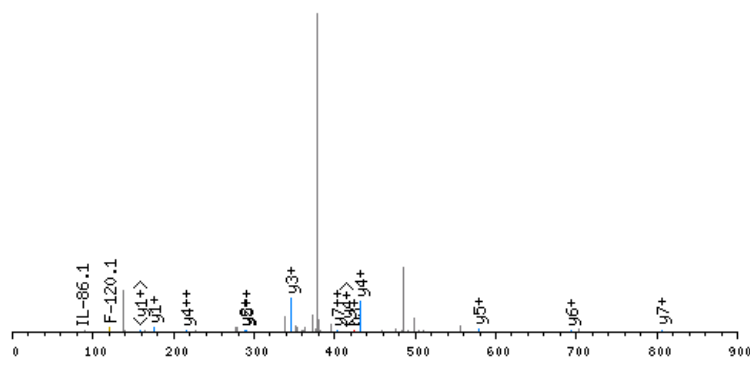
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1654	1	K 10		
341.2917	2	K 9	1216.6538	608.8308
470.3343	3	E 8	1060.5275	530.7677
585.3612	4	D 7	931.4849	466.2464
698.4453	5	I 6	816.4580	408.7329
827.4879	6	E 5	703.3739	352.1909
983.6142	7	K 4	574.3313	287.6696
1112.6568	8	E 3	418.2050	209.6064
1226.6997	9	N 2	289.1624	145.0851
	10	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13
 K(2):+156.13 K(7):+156.13

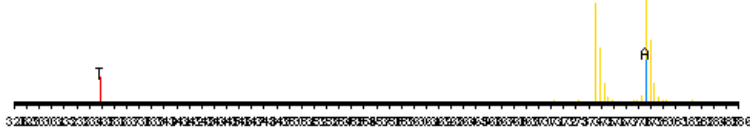
KLNFSGLR, MH+ 1002.6736, m/z 334.8961
 H OSG40 P180811 230811-s1.05855.05855.3.dta

scan 5855; 6.8e+001



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

scan 5854; 334.9 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⁺
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

KMEKDMEISEHLLKALASCR, MH+ 2501.3294, m/z 626.0878
 L OSG39 P180811 230811-s1.05400.05400.4.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+

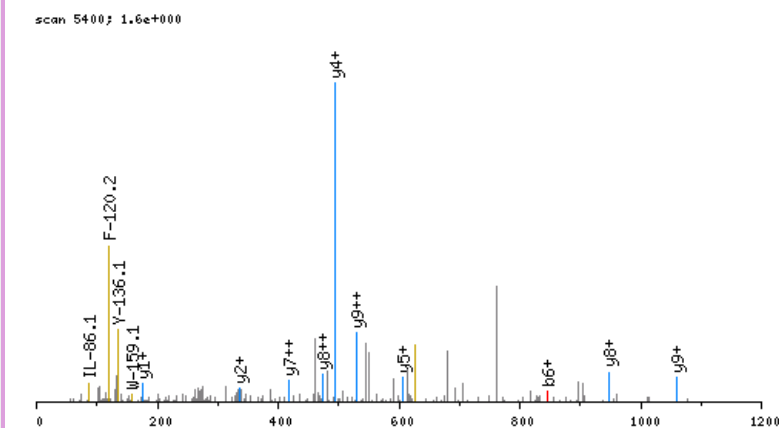
y + 2+ 3+

z + 2+ 3+

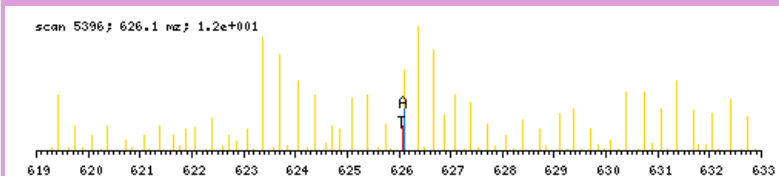
hide H₂O/NH₃

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 20		
316.2059	2	M 19	2317.1718	1159.0898
445.2485	3	E 18	2186.1314	1093.5696
601.3748	4	K 17	2057.0888	1029.0483
716.4017	5	D 16	1900.9625	950.9851
847.4422	6	M 15	1785.9355	893.4717
976.4848	7	E 14	1654.8950	827.9514
1089.5689	8	I 13	1525.8524	763.4301
1176.6009	9	S 12	1412.7684	706.8881
1305.6435	10	E 11	1325.7364	663.3721
1442.7024	11	H 10	1196.6938	598.8508
1555.7865	12	L 9	1059.6348	530.3213
1668.8705	13	L 8	946.5508	473.7793
1824.9968	14	K 7	833.4667	417.2373
1896.0339	15	A 6	677.3404	339.1741
2009.1180	16	L 5	606.3033	303.6556
2080.1551	17	A 4	493.2192	247.1135
2167.1871	18	S 3	422.1821	211.5950
2327.2177	19	C 2	335.1501	168.0790
	20	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13
 K(4):+156.13 K(14):+156.13
 C(19):+160.03

KNITLDDASAPR, MH+ 1368.8123, m/z 456.9423
 H OSG40 P180811 230811-s1.03063.03063.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

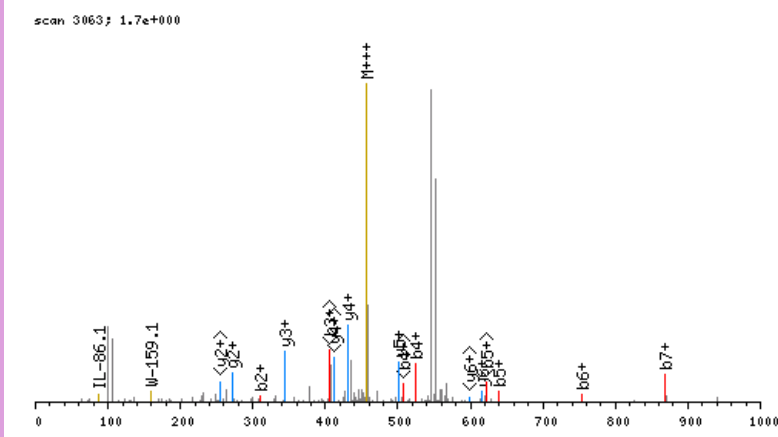
y + 2+ 3+

z + 2+ 3+

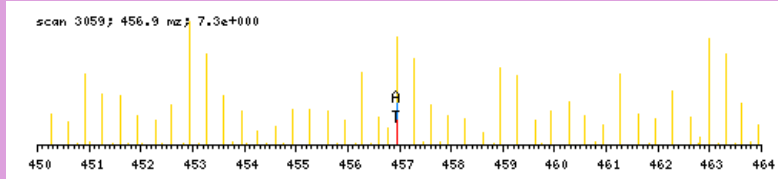
hide H₂O/NH₃

zoom 112-122

GO



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



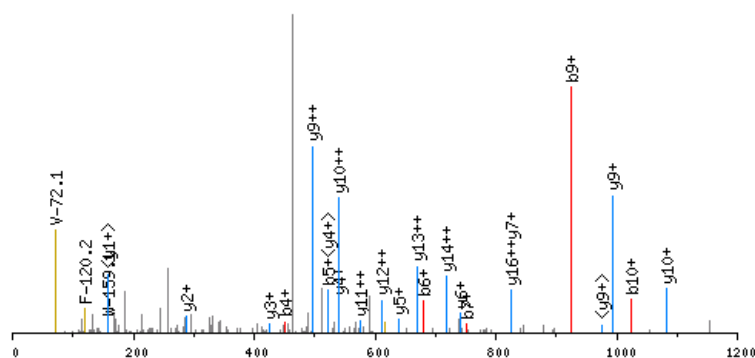
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
197.2290	1	K 12		
311.2719	2	N 11	1172.5911	586.7995
424.3560	3	I 10	1058.5482	529.7780
525.4037	4	T 9	945.4641	473.2360
638.4877	5	L 8	844.4165	422.7121
753.5147	6	D 7	731.3324	366.1701
868.5416	7	D 6	616.3055	308.6566
939.5787	8	A 5	501.2785	251.1432
1026.6108	9	S 4	430.2414	215.6246
1097.6479	10	A 3	343.2094	172.1086
1194.7006	11	P 2	272.1723	136.5900
	12	R 1	175.1195	88.0637

N-term:+35.07 K(1):+162.16

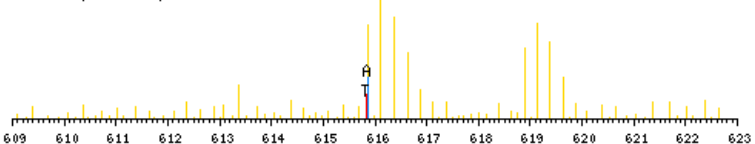
KPPAACAGDVVDAASPASTVNHRLR, MH+ 2460.2669, m/z 615.8222
 L OSG40 P180811 230811-s1.05483.05483.4.dta

scan 5483; 1.4e+000



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

scan 5479; 615.8 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⁺
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

KQFLELLLTQCDR, MH+ 1836.9529, m/z 612.9892
 L OSG40 P180811 230811-s1.07681.07681.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

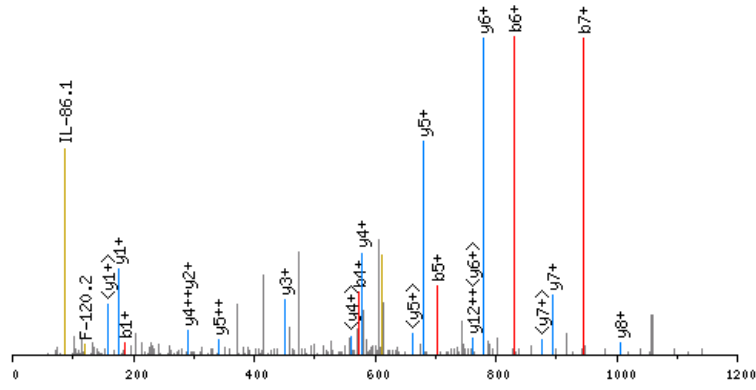
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

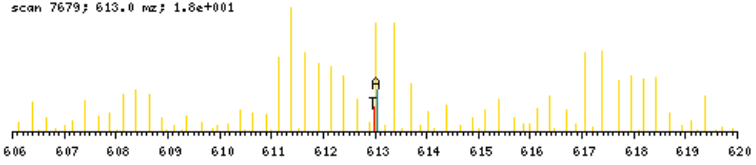
GO

scan 7681; 1.2e+000



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

scan 7679; 613.0 nz; 1.8e+001



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

KQNDIHRAFKR, MH+ 1496.8814, m/z 499.6320
 L OSG39 P180811 230811-s1.06670.06670.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

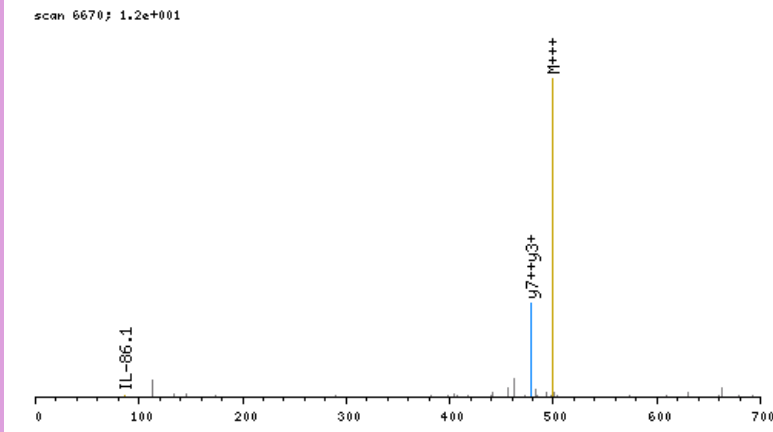
y + 2+ 3+

z + 2+ 3+

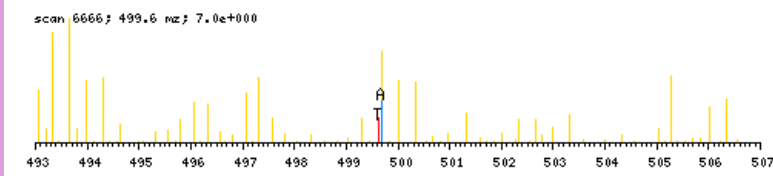
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
313.2240	2	Q 10	1312.7239	656.8658
427.2669	3	N 9	1184.6653	592.8366
542.2938	4	D 8	1070.6224	535.8151
655.3779	5	I 7	955.5954	478.3016
792.4368	6	H 6	842.5114	421.7596
948.5379	7	R 5	705.4524	353.2301
1019.5750	8	A 4	549.3513	275.1796
1166.6435	9	F 3	478.3142	239.6610
1322.7698	10	K 2	331.2458	166.1268
	11	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13
 K(10):+156.13

KSSLSDISSLLQIEPR, MH+ 1829.0384, m/z 610.3510
 L OSG39 P180811 230811-s1.07535.07535.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

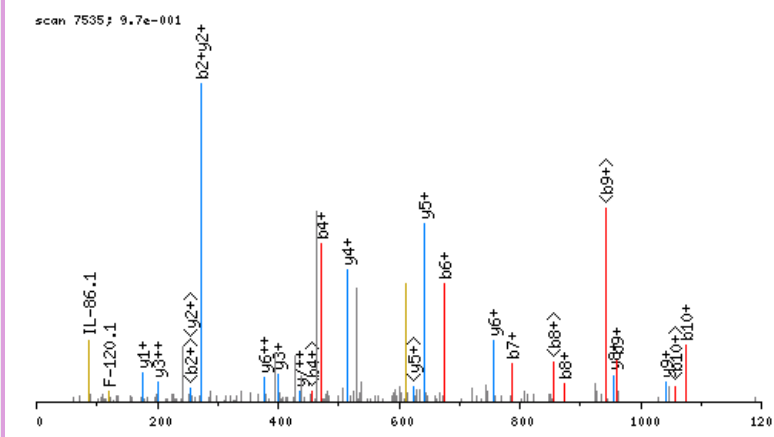
y + 2+ 3+

z + 2+ 3+

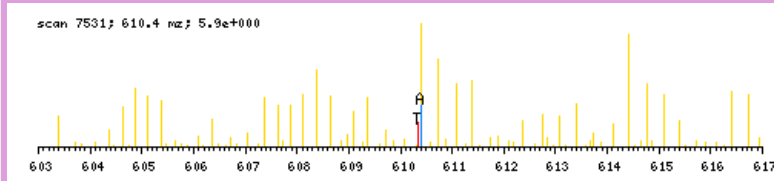
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
272.1974	2	S 15	1644.8808	822.9443
359.2295	3	S 14	1557.8488	779.4283
472.3135	4	L 13	1470.8168	735.9123
559.3455	5	S 12	1357.7327	679.3703
674.3725	6	D 11	1270.7007	635.8543
787.4566	7	I 10	1155.6737	578.3408
874.4886	8	S 9	1042.5897	521.7988
961.5206	9	S 8	955.5577	478.2827
1074.6047	10	L 7	868.5256	434.7667
1187.6887	11	L 6	755.4416	378.2247
1315.7473	12	Q 5	642.3575	321.6827
1428.8314	13	I 4	514.2989	257.6534
1557.8740	14	E 3	401.2149	201.1113
1654.9267	15	P 2	272.1723	136.5900
	16	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13

KTGSGGGSSGGGAGPGR, MH+ 1516.7468, m/z 506.2538
 L OSG37 P180811 230811-s1.02258.02258.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

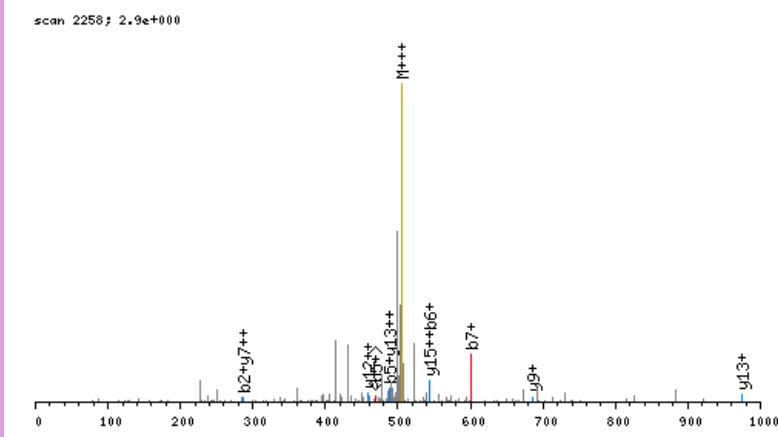
y + 2+ 3+

z + 2+ 3+

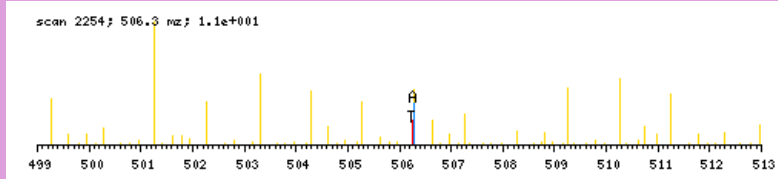
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
286.2131	2	T 18	1332.5892	666.7985
343.2345	3	G 17	1231.5416	616.2747
430.2666	4	S 16	1174.5201	587.7640
487.2880	5	G 15	1087.4881	544.2479
544.3095	6	G 14	1030.4666	515.7372
601.3310	7	G 13	973.4451	487.2265
688.3630	8	S 12	916.4237	458.7158
775.3950	9	S 11	829.3917	415.1997
832.4165	10	G 10	742.3596	371.6837
889.4379	11	G 9	685.3382	343.1730
946.4594	12	G 8	628.3167	314.6623
1003.4809	13	G 7	571.2952	286.1515
1074.5180	14	A 6	514.2738	257.6408
1131.5395	15	G 5	443.2367	222.1222
1228.5922	16	P 4	386.2152	193.6115
1285.6137	17	G 3	289.1624	145.0851
1342.6351	18	G 2	232.1410	116.5744
	19	R 1	175.1195	88.0637

N-term:+29.04 K(1):+156.13

KTGTAEEMSSILEER, MH+ 1619.8951, m/z 540.6365
 H OSG40 P180811 230811-s1.05125.05125.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

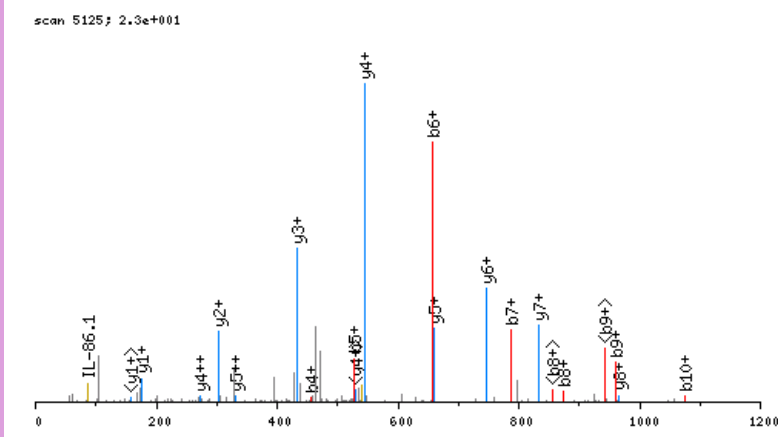
y + 2+ 3+

z + 2+ 3+

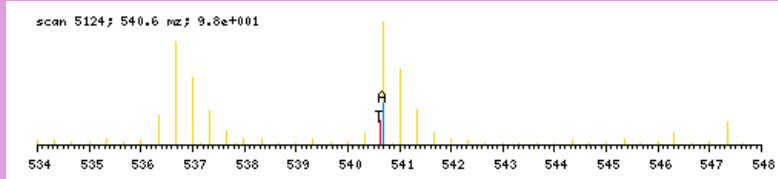
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

KVAAAMSVTSIPVK, MH+ 1485.9079, m/z 495.9741
 L OSG39 P180811 230811-s1.03759.03759.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

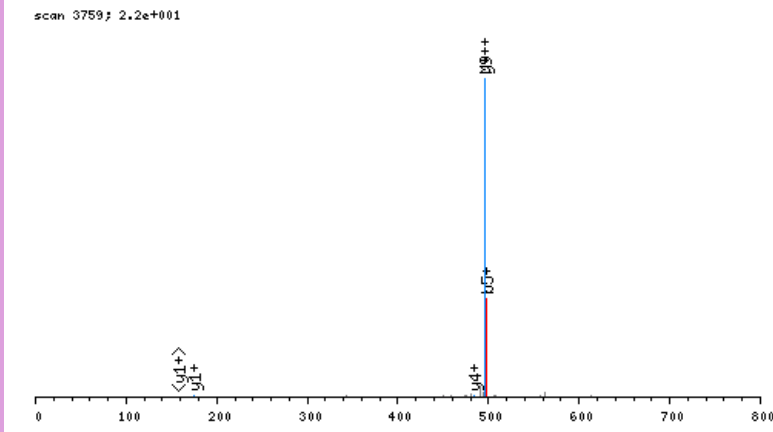
y + 2+ 3+

z + 2+ 3+

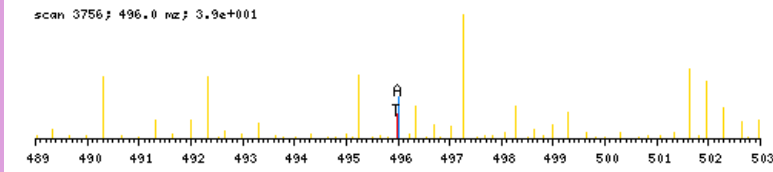
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1301.7503	651.3791
355.2709	3	A 12	1202.6819	601.8449
426.3080	4	A 11	1131.6448	566.3263
497.3452	5	A 10	1060.6077	530.8078
628.3856	6	M 9	989.5706	495.2892
715.4177	7	S 8	858.5301	429.7690
814.4861	8	V 7	771.4981	386.2529
915.5338	9	T 6	672.4296	336.7187
1002.5658	10	S 5	571.3820	286.1949
1115.6499	11	I 4	484.3499	242.6789
1212.7026	12	P 3	371.2659	186.1368
1311.7710	13	V 2	274.2131	137.6105
	14	K 1	175.1447	88.0763

N-term:+29.04 K(1):+156.13
 K(14):+156.13

LATTVSAPDLKSVR, MH+ 1513.8954, m/z 505.3033
 L OSG39 P180811 230811-s1.03933.03933.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

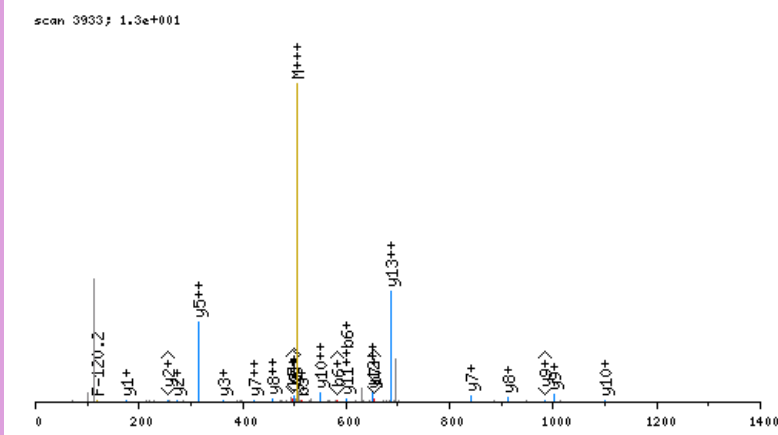
y + 2+ 3+

z + 2+ 3+

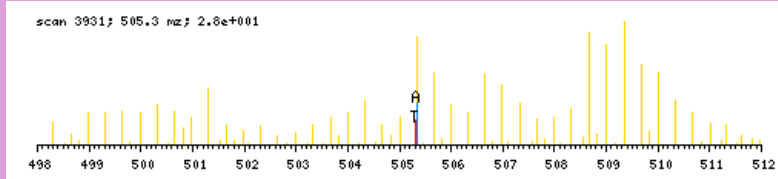
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
213.1603	2	A 13	1372.7800	686.8939
314.2080	3	T 12	1301.7429	651.3754
415.2556	4	T 11	1200.6952	600.8515
514.3240	5	V 10	1099.6476	550.3277
601.3561	6	S 9	1000.5792	500.7935
672.3932	7	A 8	913.5471	457.2775
769.4460	8	P 7	842.5100	421.7589
884.4729	9	D 6	745.4573	373.2325
997.5570	10	L 5	630.4303	315.7191
1153.6833	11	K 4	517.3462	259.1770
1240.7153	12	S 3	361.2199	181.1139
1339.7837	13	V 2	274.1879	137.5979
	14	R 1	175.1195	88.0637

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

LCGEEQGADAALHFNPR, MH+ 1918.9293, m/z 640.3146
 H OSG39 P180811 230811-s1.04282.04282.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

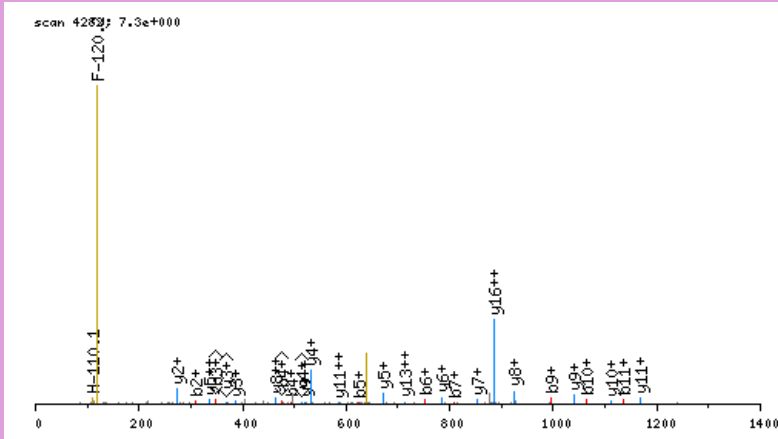
y + 2+ 3+

z + 2+ 3+

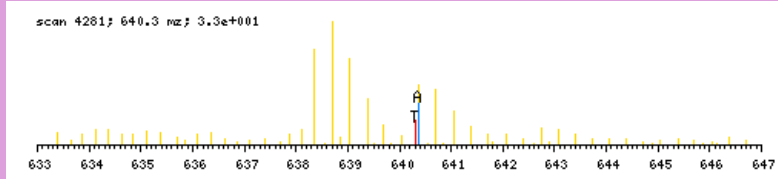
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
308.1856	2	C 16	1771.7822	886.3950
365.2070	3	G 15	1611.7516	806.3797
494.2496	4	E 14	1554.7301	777.8690
623.2922	5	E 13	1425.6875	713.3477
751.3508	6	Q 12	1296.6449	648.8264
808.3723	7	G 11	1168.5863	584.7971
879.4094	8	A 10	1111.5649	556.2863
994.4363	9	D 9	1040.5278	520.7678
1065.4734	10	A 8	925.5008	463.2543
1136.5105	11	A 7	854.4637	427.7358
1249.5946	12	L 6	783.4266	392.2172
1386.6535	13	H 5	670.3425	335.6752
1533.7219	14	F 4	533.2836	267.1457
1647.7649	15	N 3	386.2152	193.6115
1744.8176	16	P 2	272.1723	136.5900
	17	R 1	175.1195	88.0637

N-term:+35.07 C(2):+160.03

LDHNDLESVPPNLPESLR, MH+ 2079.0934, m/z 693.7027
 H OSG39 P180811 230811-s1.05724.05724.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

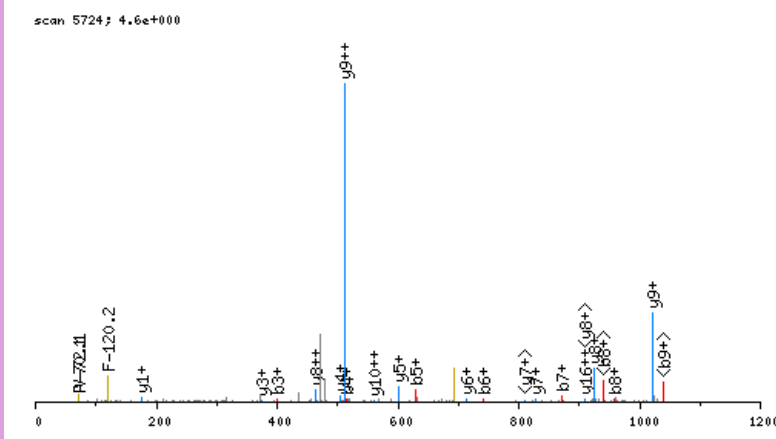
y + 2+ 3+

z + 2+ 3+

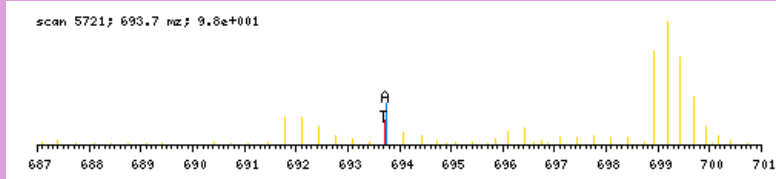
hide H₂O/NH₃

zoom 112-122

GO



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



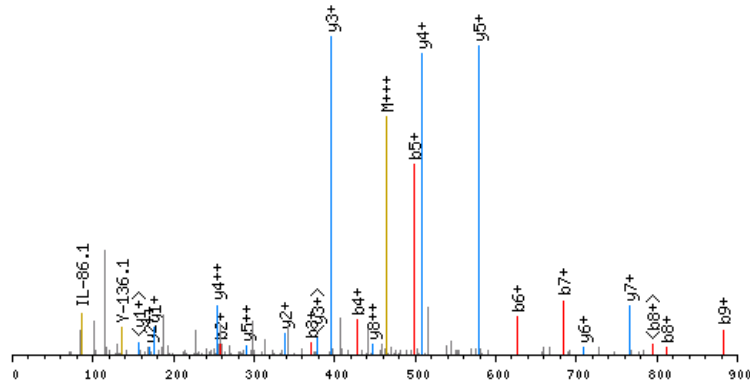
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
148.1550	1	L	18		
263.1819	2	D	17	1931.9463	966.4771
400.2408	3	H	16	1816.9194	908.9636
514.2837	4	N	15	1679.8604	840.4341
629.3107	5	D	14	1565.8175	783.4127
742.3948	6	L	13	1450.7906	725.8992
871.4373	7	E	12	1337.7065	669.3572
958.4694	8	S	11	1208.6639	604.8359
1057.5378	9	V	10	1121.6319	561.3199
1154.5906	10	P	9	1022.5635	511.7856
1251.6433	11	P	8	925.5107	463.2593
1365.6862	12	N	7	828.4579	414.7329
1478.7703	13	L	6	714.4150	357.7114
1575.8231	14	P	5	601.3310	301.1694
1704.8657	15	E	4	504.2782	252.6430
1791.8977	16	S	3	375.2356	188.1217
1904.9818	17	L	2	288.2036	144.6057
	18	R	1	175.1195	88.0637

N-term:+35.07

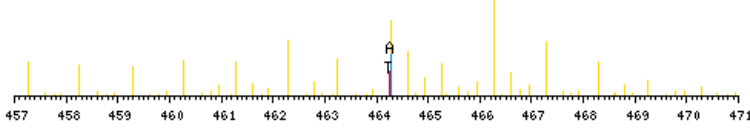
LDIGAQGEALGYR, MH+ 1390.7330, m/z 464.2492
 L OSG37 P180811 230811-s1.05842.05842.3.dta

scan 5842; 1.3e+000



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

scan 5839; 464.2 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⁺
142.1232	1	L	13		
257.1501	2	D	12	1249.6177	625.3128
370.2342	3	I	11	1134.5907	567.7993
427.2556	4	G	10	1021.5067	511.2573
498.2927	5	A	9	964.4852	482.7465
626.3513	6	Q	8	893.4481	447.2280
683.3728	7	G	7	765.3895	383.1987
812.4154	8	E	6	708.3681	354.6879
883.4525	9	A	5	579.3255	290.1666
996.5366	10	L	4	508.2884	254.6481
1053.5580	11	G	3	395.2043	198.1061
1216.6214	12	Y	2	338.1828	169.5953
	13	R	1	175.1195	88.0637

N-term:+29.04

LDKGMSPVTEVR, MH+ 1518.8024, m/z 506.9390
L OSG39 P180811 230811-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+

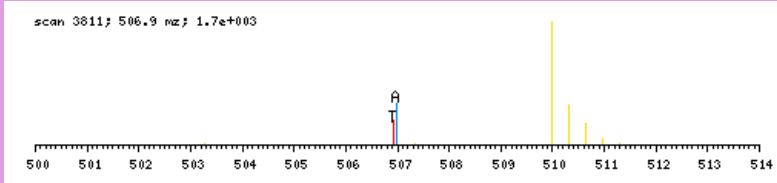
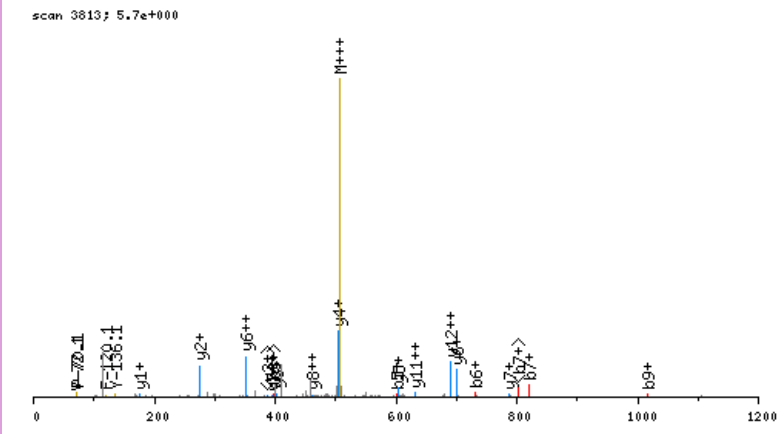
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO



b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 13		
257.1501	2	D 12	1377.6871	689.3474
413.2764	3	K 11	1262.6601	631.8340
470.2979	4	G 10	1106.5338	553.7708
601.3384	5	M 9	1049.5124	525.2601
732.3788	6	M 8	918.4719	459.7399
819.4109	7	S 7	787.4314	394.2196
916.4636	8	P 6	700.3994	350.7036
1015.5320	9	V 5	603.3466	302.1772
1116.5797	10	T 4	504.2782	252.6430
1245.6223	11	E 3	403.2305	202.1192
1344.6907	12	V 2	274.1879	137.5979
	13	R 1	175.1195	88.0637

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

LDKIDMSLDDIIKLNR, MH+ 2004.2264, m/z 668.7470
 H OSG39 P180811 230811-s1.07459.07459.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

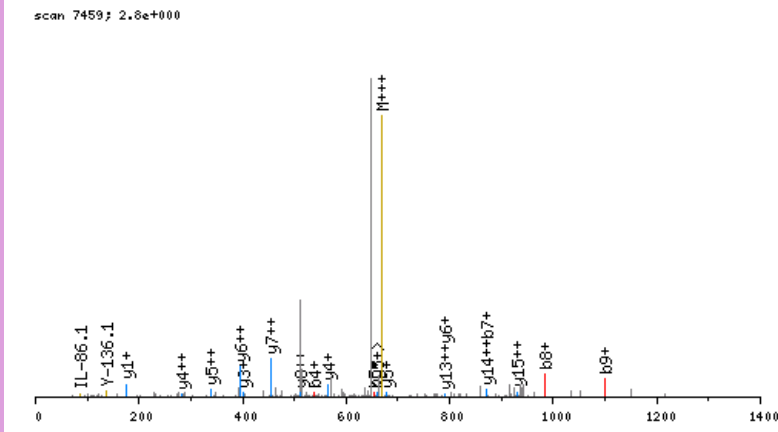
y + 2+ 3+

z + 2+ 3+

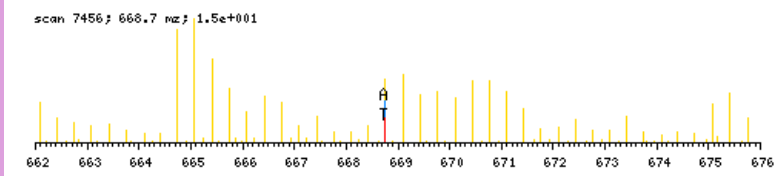
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	
263.1819	2	D	15	1857.0792
425.3400	3	K	14	1742.0523
538.4241	4	I	13	1579.8942
653.4510	5	D	12	1466.8101
784.4915	6	M	11	1351.7832
871.5235	7	S	10	1220.7427
984.6076	8	L	9	1133.7107
1099.6345	9	D	8	1020.6266
1214.6615	10	D	7	905.5997
1327.7455	11	I	6	790.5727
1440.8296	12	I	5	677.4887
1602.9877	13	K	4	564.4046
1716.0718	14	L	3	402.2465
1830.1147	15	N	2	289.1624
	16	R	1	175.1195

N-term:+35.07 K(3):+162.16
 K(13):+162.16

LDLPCTPPPPAPIPSVR, MH+ 1855.0151, m/z 619.0099
 L OSG36 P180811 230811-s1.05102.05102.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

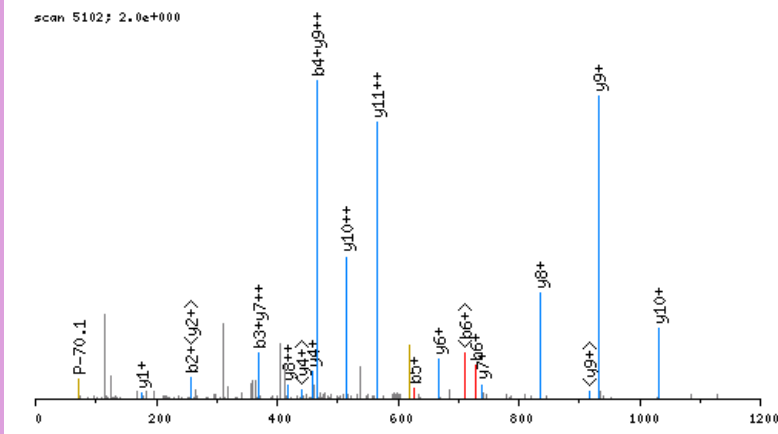
y + 2+ 3+

z + 2+ 3+

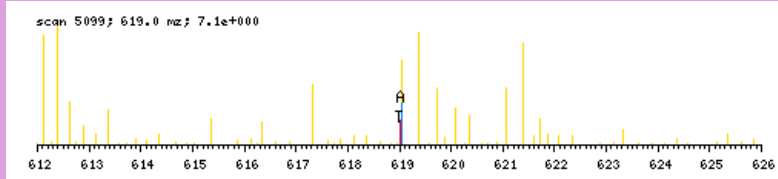
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

LDPTSVTLKPMIEIR, MH+ 1655.9406, m/z 552.6517
 L OSG39 P180811 230811-s1.05847.05847.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

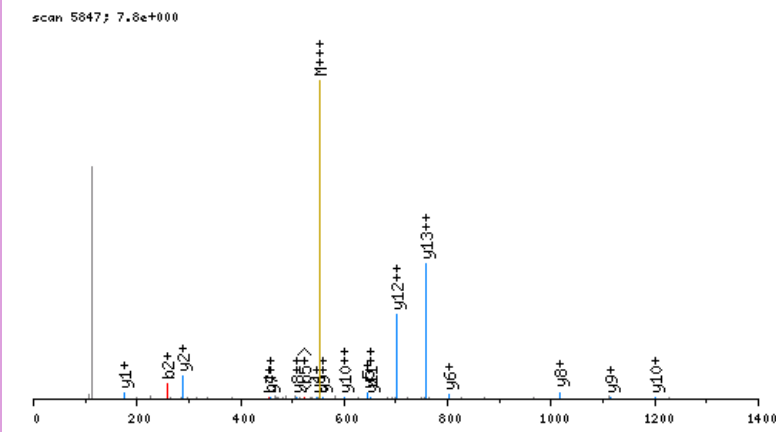
y + 2+ 3+

z + 2+ 3+

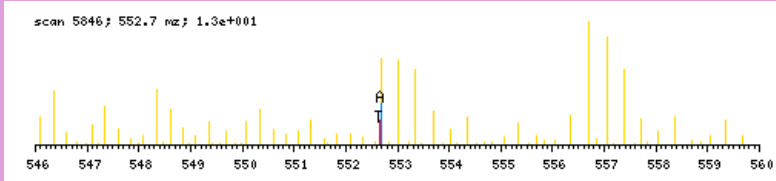
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
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

LDTINVHLR, MH+ 1114.6796, m/z 372.2314
 H OSG40 P180811 230811-s1.05118.05118.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

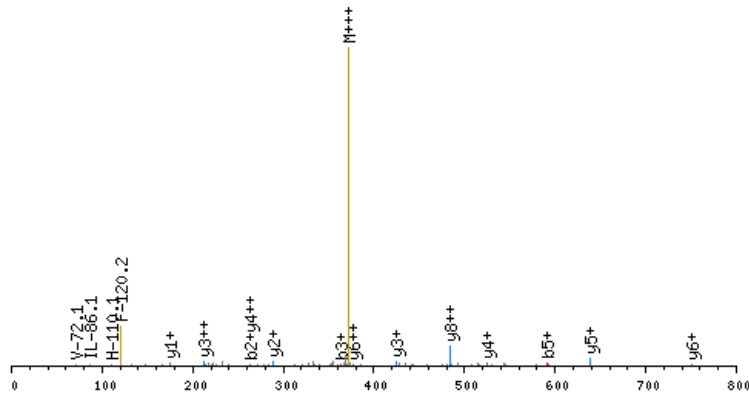
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

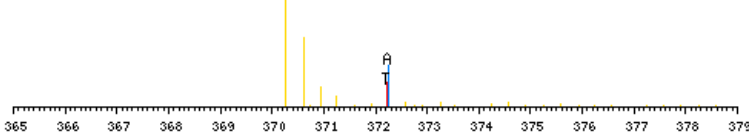
GO

scan 5118; 6.8e+000



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

scan 5114; 372.2 m/z; 1.1e+002



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

b ⁺	#	AA #	y ⁺	y ²⁺
148.1550	1	L 9		
263.1819	2	D 8	967.5325	484.2702
364.2296	3	T 7	852.5056	426.7567
477.3136	4	I 6	751.4579	376.2329
591.3566	5	N 5	638.3738	319.6908
690.4250	6	V 4	524.3309	262.6694
827.4839	7	H 3	425.2625	213.1352
940.5680	8	L 2	288.2036	144.6057
	9	R 1	175.1195	88.0637

N-term:+35.07

LDVNDNAPIPEPR, MH+ 1477.7651, m/z 493.2599
 L OSG37 P180811 230811-s1.05088.05088.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

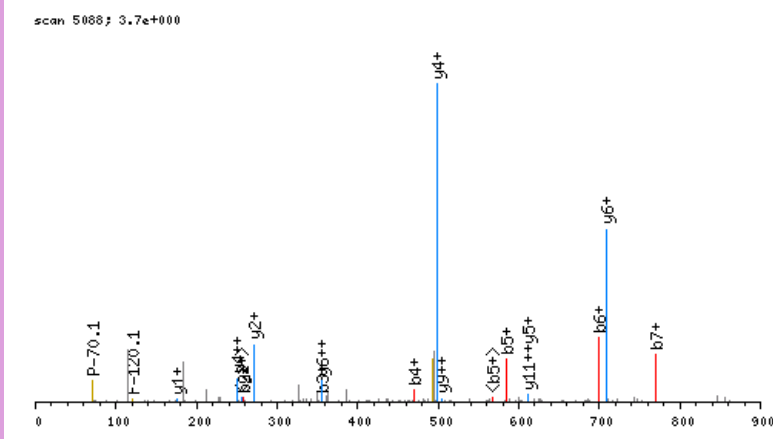
y + 2+ 3+

z + 2+ 3+

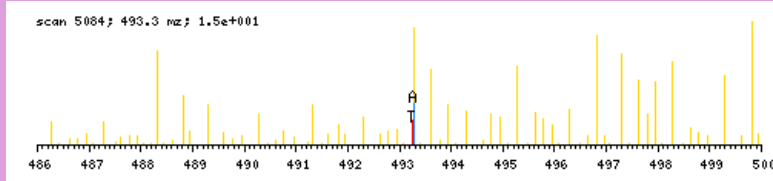
hide H₂O/NH₃

zoom 112-122

GO



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



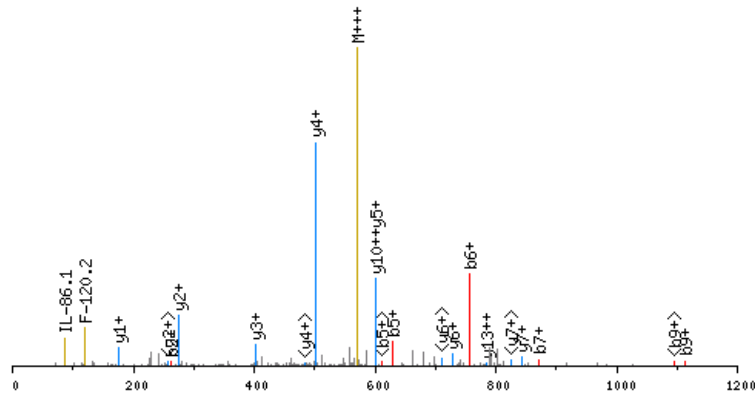
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 13		
257.1501	2	D 12	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

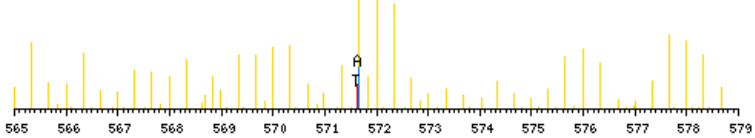
LDYSDEINQVVEVR, MH+ 1712.8919, m/z 571.6355
 H OSG37 P180811 230811-s1.07561.07561.3.dta

scan 7561; 3.1e+000



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

scan 7559; 571.6 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⁺
148.1550	1	L 14		
263.1819	2	D 13	1565.7447	783.3763
426.2452	3	Y 12	1450.7178	725.8628
513.2773	4	S 11	1287.6545	644.3311
628.3042	5	D 10	1200.6224	600.8151
757.3468	6	E 9	1085.5955	543.3017
870.4309	7	I 8	956.5529	478.7804
984.4738	8	N 7	843.4688	422.2383
1112.5324	9	Q 6	729.4259	365.2169
1211.6008	10	V 5	601.3673	301.1876
1310.6692	11	V 4	502.2989	251.6534
1439.7118	12	E 3	403.2305	202.1192
1538.7802	13	V 2	274.1879	137.5979
	14	R 1	175.1195	88.0637

N-term:+35.07

LEALDCILPPTTRPTDKPLR, MH+ 2261.2691, m/z 566.0727
 L OSG40 P180811 230811-s1.07311.07311.4.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+

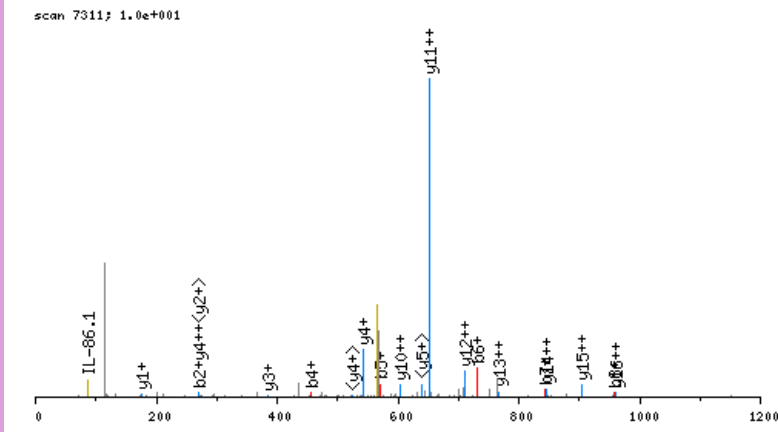
y + 2+ 3+

z + 2+ 3+

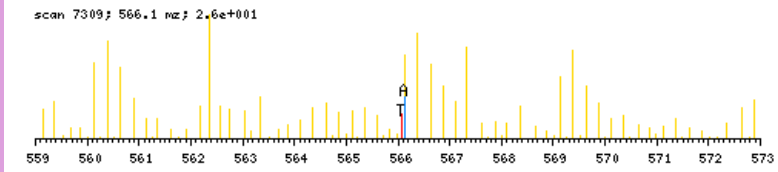
hide H₂O/NH₃

zoom 112-122

GO



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



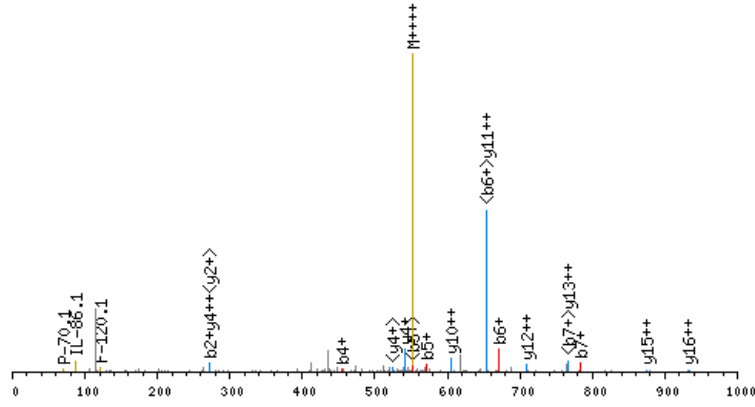
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
142.1232	1	L	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

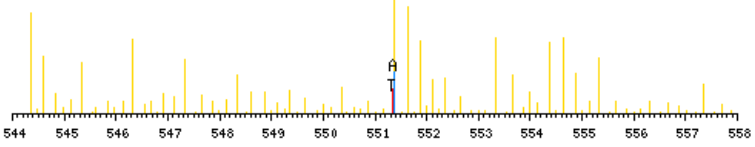
LEALDTILPPTTRPTDKPLR, MH+ 2202.2862, m/z 551.3270
 L OSG40 P180811 230811-s1.07275.07275.4.dta

scan 7275; 5.0e+000



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

scan 7274; 551.3 m/z; 1.4e+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⁺
142.1232	1	L 19		
271.1658	2	E 18	2061.1709	1031.0893
342.2029	3	A 17	1932.1283	966.5680
455.2869	4	L 16	1861.0911	931.0495
570.3139	5	D 15	1748.0071	874.5075
671.3616	6	T 14	1632.9801	816.9940
784.4456	7	I 13	1531.9325	766.4701
897.5297	8	L 12	1418.8484	709.9281
994.5824	9	P 11	1305.7643	653.3861
1091.6352	10	P 10	1208.7116	604.8597
1192.6829	11	T 9	1111.6588	556.3333
1348.7840	12	R 8	1010.6111	505.8095
1445.8368	13	P 7	854.5100	427.7589
1546.8844	14	T 6	757.4573	379.2325
1661.9114	15	D 5	656.4096	328.7087
1818.0377	16	K 4	541.3826	271.1952
1915.0905	17	P 3	385.2563	193.1321
2028.1745	18	L 2	288.2036	144.6057
	19	R 1	175.1195	88.0637

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

LEALGIKEGTIPPEYR, MH+ 1842.0377, m/z 614.6841
 L OSG39 P180811 230811-s1.05119.05119.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

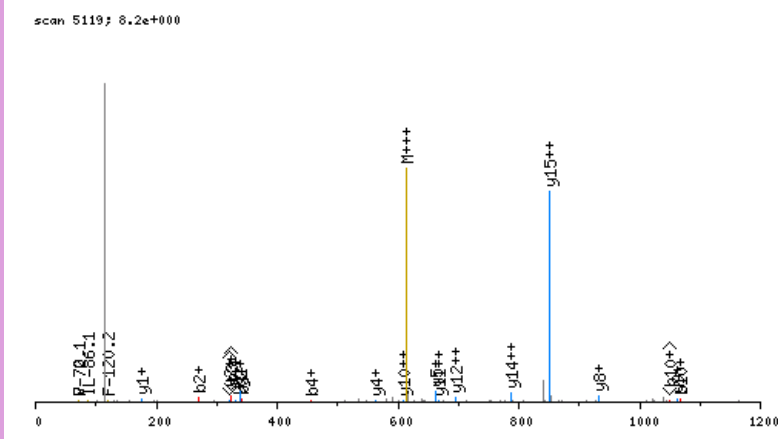
y + 2+ 3+

z + 2+ 3+

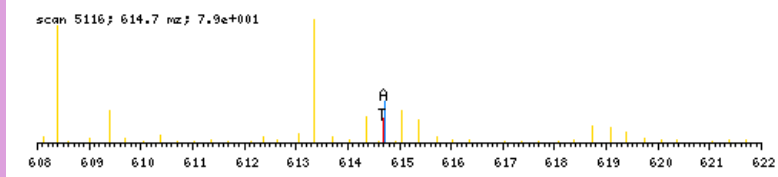
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

LEDLVFPSEIVGKR, MH+ 1657.9529, m/z 553.3225
 L OSG39 P180811 230811-s1.06547.06547.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

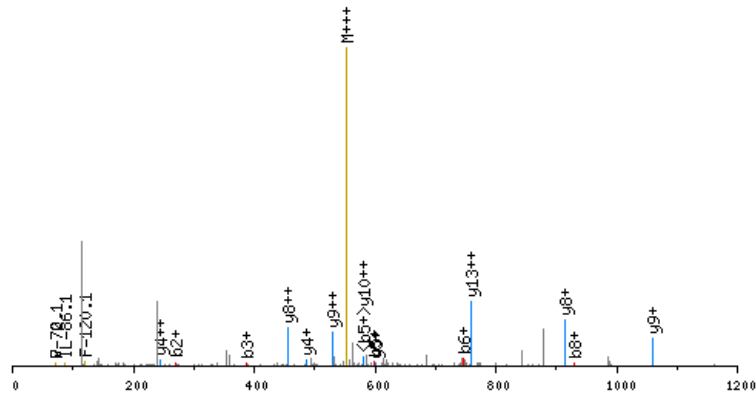
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

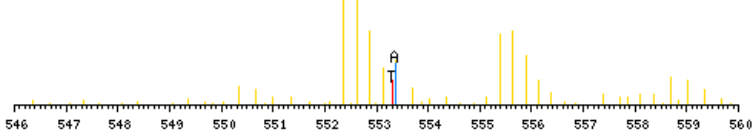
GO

scan 6547; 3.6e+000



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

scan 6546; 553.3 m/z; 5.5e+001



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

LEEVAVNFAKGLADR, MH+ 1700.0019, m/z 567.3388
 H OSG39 P180811 230811-s1.06018.06018.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

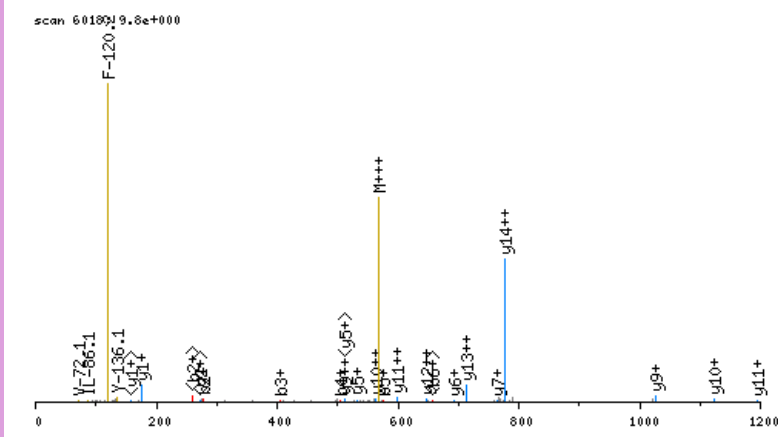
y + 2+ 3+

z + 2+ 3+

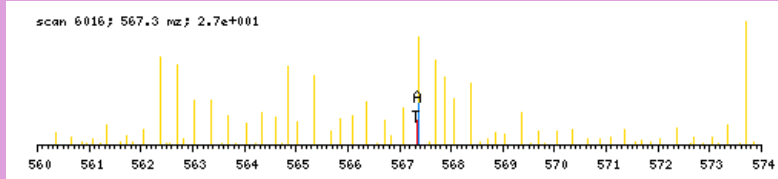
hide H₂O/NH₃

zoom 112-122

GO



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



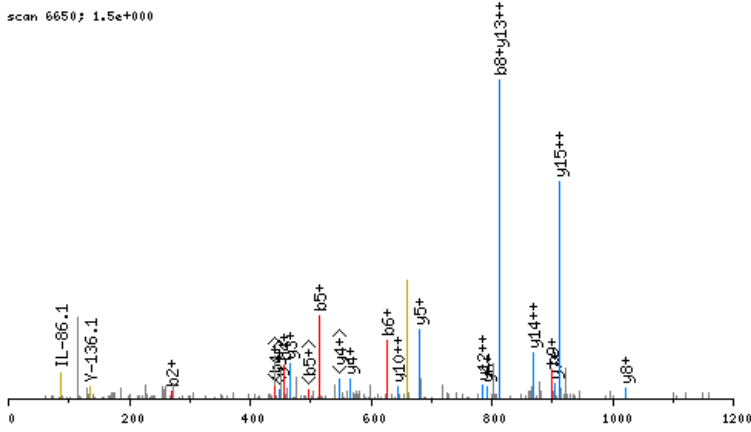
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

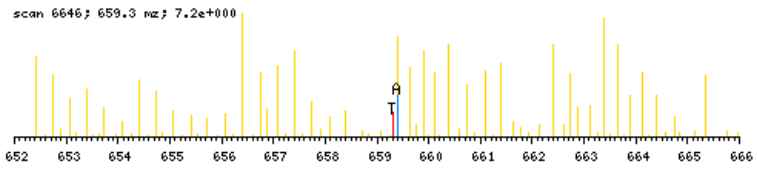
LEGEGLGQSLGNCKDDLLNVCMR, MH+ 2634.2689, m/z 659.3227
 L OSG39 P180811 230811-s1.06650.06650.4.dta

scan 6650; 1.5e+000



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

scan 6646; 659.3 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⁺
142.1232	1	L	23		
271.1658	2	E	22	2493.1535	1247.0807
328.1872	3	G	21	2364.1110	1182.5594
457.2298	4	E	20	2307.0895	1154.0487
514.2513	5	G	19	2178.0469	1089.5274
627.3353	6	L	18	2121.0254	1061.0166
684.3568	7	G	17	2007.9414	1004.4746
812.4154	8	Q	16	1950.9199	975.9639
899.4474	9	S	15	1822.8613	911.9346
1012.5315	10	L	14	1735.8293	868.4186
1069.5529	11	G	13	1622.7452	811.8765
1183.5959	12	N	12	1565.7238	783.3658
1343.6265	13	C	11	1451.6808	726.3443
1499.7528	14	K	10	1291.6502	646.3290
1614.7797	15	D	9	1135.5239	568.2659
1729.8067	16	D	8	1020.4970	510.7524
1842.8907	17	L	7	905.4701	453.2389
1955.9748	18	L	6	792.3860	396.6969
2070.0177	19	N	5	679.3019	340.1549
2169.0861	20	V	4	565.2590	283.1334
2329.1167	21	C	3	466.1906	233.5992
2460.1572	22	M	2	306.1600	153.5839
	23	R	1	175.1195	88.0637

N-term: +29.04 C(13): +160.03
 K(14): +156.13 C(21): +160.03

LEIDVSNPQTVGVGR, MH+ 1617.9024, m/z 539.9723
 H OSG37 P180811 230811-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+

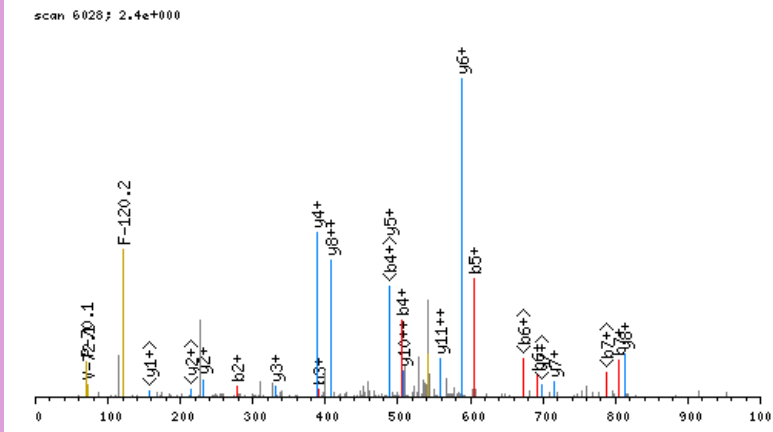
y + 2+ 3+

z + 2+ 3+

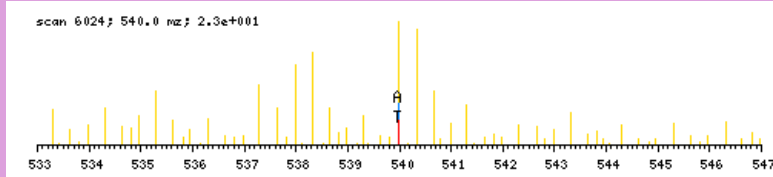
hide H₂O/NH₃

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⁺
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

LESSPATTEKNSNFTVTPR, MH+ 2135.0984, m/z 534.5301
 L OSG40 P180811 230811-s1.06915.06915.4.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+

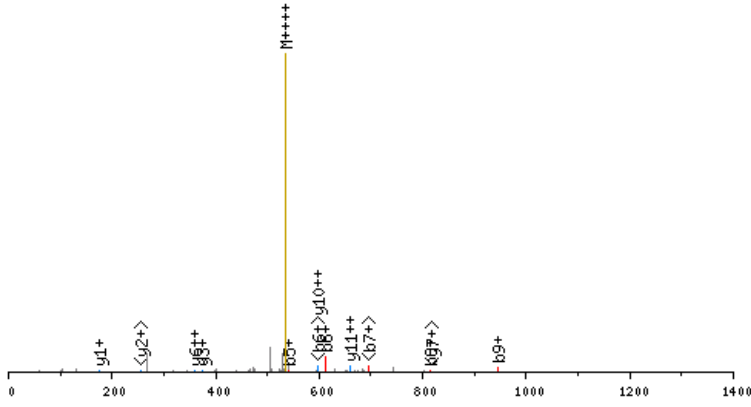
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

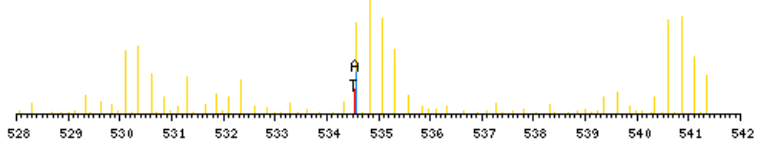
scan 6915; 1.4e+001



click image to zoom in; click top corners to zoom out

[precursor±]

scan 6914; 534.5 m/z; 1.7e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 19		
271.1658	2	E 18	1993.9831	997.4955
358.1978	3	S 17	1864.9405	932.9742
445.2298	4	S 16	1777.9085	889.4582
542.2826	5	P 15	1690.8765	845.9421
613.3197	6	A 14	1593.8237	797.4158
714.3674	7	T 13	1522.7866	761.8972
815.4150	8	T 12	1421.7389	711.3734
944.4576	9	E 11	1320.6912	660.8495
1100.5839	10	K 10	1191.6486	596.3282
1214.6269	11	N 9	1035.5223	518.2651
1301.6589	12	S 8	921.4794	461.2436
1415.7018	13	N 7	834.4474	417.7276
1562.7702	14	F 6	720.4044	360.7061
1663.8179	15	T 5	573.3360	287.1719
1762.8863	16	V 4	472.2884	236.6481
1863.9340	17	T 3	373.2199	187.1139
1960.9868	18	P 2	272.1723	136.5900
	19	R 1	175.1195	88.0637

N-term:+29.04 K(10):+156.13

LEVAEDSGHPWR, MH+ 1423.6970, m/z 475.2372
 L OSG40 P180811 230811-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+

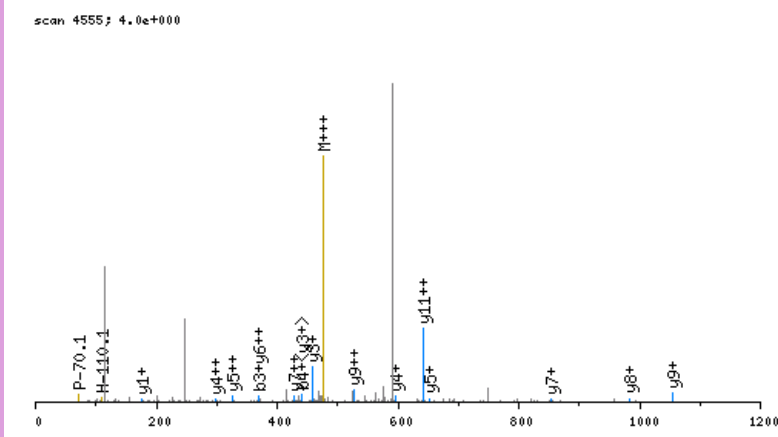
y + 2+ 3+

z + 2+ 3+

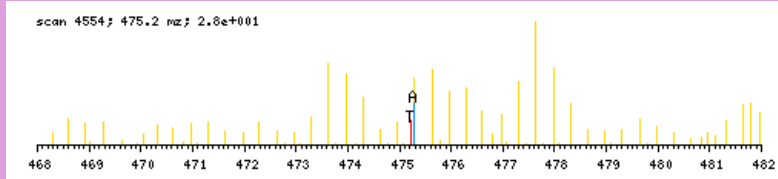
hide H₂O/NH₃

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⁺
142.1232	1	L 12		
271.1658	2	E 11	1282.5816	641.7947
370.2342	3	V 10	1153.5390	577.2734
441.2713	4	A 9	1054.4706	527.7392
570.3139	5	E 8	983.4335	492.2207
685.3408	6	D 7	854.3909	427.6994
772.3728	7	S 6	739.3640	370.1859
829.3943	8	G 5	652.3320	326.6699
966.4532	9	H 4	595.3105	298.1592
1063.5060	10	P 3	458.2516	229.6297
1249.5853	11	W 2	361.1988	181.1033
	12	R 1	175.1195	88.0637

N-term:+29.04

LEVLHSTDPQLSEASILR, MH+ 2170.1931, m/z 724.0692
 H OSG39 P180811 230811-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+

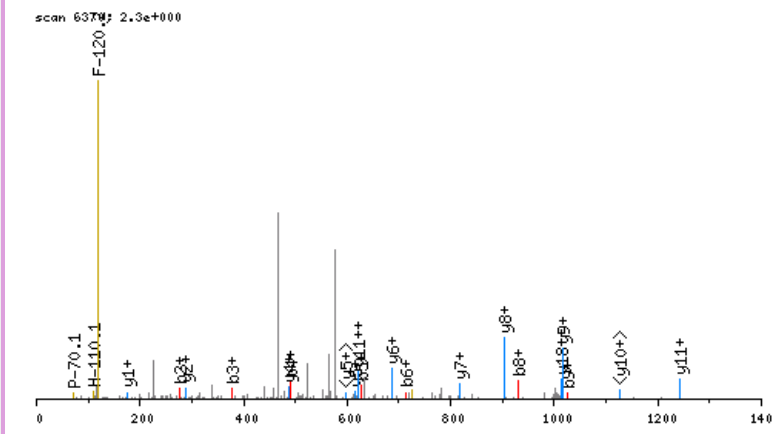
y + 2+ 3+

z + 2+ 3+

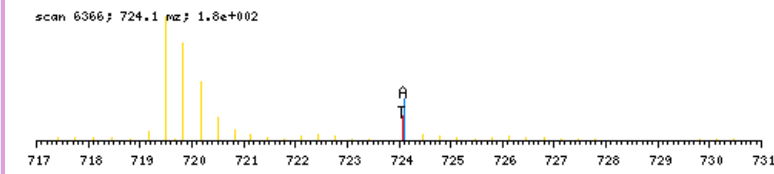
hide H₂O/NH₃

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⁺
148.1550	1	L	19		
277.1976	2	E	18	2023.0460	1012.0269
376.2660	3	V	17	1894.0034	947.5056
489.3500	4	L	16	1794.9350	897.9714
626.4089	5	H	15	1681.8509	841.4294
713.4410	6	S	14	1544.7920	772.8999
814.4887	7	T	13	1457.7600	729.3839
929.5156	8	D	12	1356.7123	678.8601
1026.5684	9	P	11	1241.6854	621.3466
1154.6269	10	Q	10	1144.6326	572.8202
1267.7110	11	L	9	1016.5740	508.7909
1354.7430	12	S	8	903.4900	452.2489
1483.7856	13	E	7	816.4579	408.7329
1554.8227	14	A	6	687.4153	344.2116
1682.8813	15	Q	5	616.3782	308.6930
1769.9133	16	S	4	488.3197	244.6637
1882.9974	17	I	3	401.2876	201.1477
1996.0815	18	L	2	288.2036	144.6057
	19	R	1	175.1195	88.0637

N-term:+35.07

LEVNEEGSEAAASTSVVITGR, MH+ 2147.0832, m/z 716.3659
 L OSG36 P180811 230811-s1.04167.04167.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

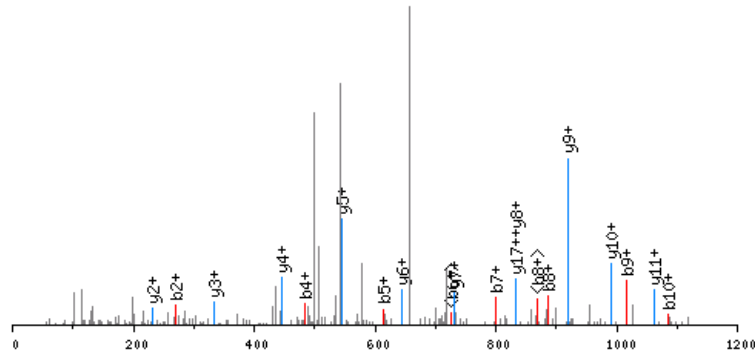
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

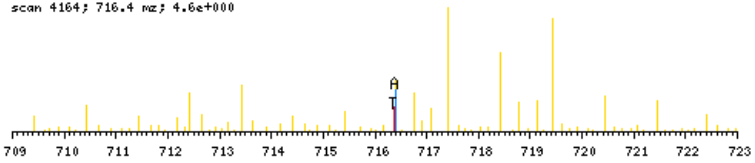
GO

scan 4167; 1.1e+000



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

scan 4164; 716.4 nz; 4.6e+000



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

b ⁺	#	AA	#	y ⁺	y ²⁺
142.1232	1	L	21		
271.1658	2	E	20	2005.9678	1003.4878
370.2342	3	V	19	1876.9252	938.9665
484.2771	4	N	18	1777.8568	889.4323
613.3197	5	E	17	1663.8139	832.4109
742.3623	6	E	16	1534.7713	767.8896
799.3837	7	G	15	1405.7287	703.3683
886.4158	8	S	14	1348.7072	674.8575
1015.4584	9	E	13	1261.6752	631.3415
1086.4955	10	A	12	1132.6326	566.8202
1157.5326	11	A	11	1061.5955	531.3017
1228.5697	12	A	10	990.5584	495.7831
1315.6017	13	S	9	919.5213	460.2645
1416.6494	14	T	8	832.4892	416.7485
1503.6814	15	S	7	731.4416	366.2247
1602.7499	16	V	6	644.4095	322.7087
1701.8183	17	V	5	545.3411	273.1745
1814.9023	18	I	4	446.2727	223.6403
1915.9500	19	T	3	333.1886	167.0982
1972.9715	20	G	2	232.1410	116.5744
	21	R	1	175.1195	88.0637

N-term:+29.04

LFGDKLCAIPNLR, MH+ 1584.9572, m/z 528.9906
 H OSG39 P180811 230811-s1.05900.05900.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

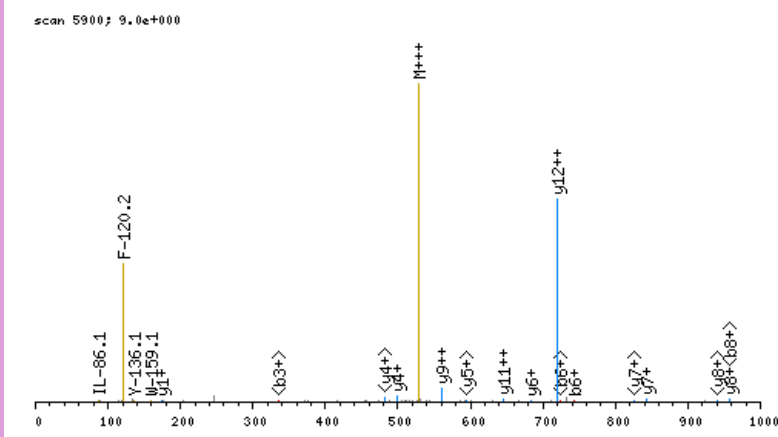
y + 2+ 3+

z + 2+ 3+

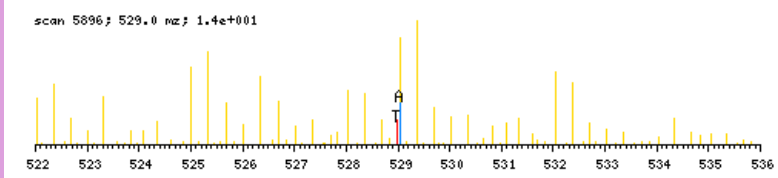
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
295.2234	2	F 12	1437.8100	719.4089
352.2448	3	G 11	1290.7416	645.8747
467.2718	4	D 10	1233.7201	617.3640
629.4299	5	K 9	1118.6932	559.8505
742.5139	6	L 8	956.5351	478.7715
902.5445	7	C 7	843.4510	422.2294
973.5817	8	A 6	683.4204	342.2141
1086.6657	9	I 5	612.3833	306.6956
1183.7185	10	P 4	499.2993	250.1535
1297.7614	11	N 3	402.2465	201.6272
1410.8455	12	L 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+35.07 K(5):+162.16
 C(7):+160.03

LGFDPEAEQPVR, MH+ 1385.7065, m/z 462.5737
 L OSG37 P180811 230811-s1.04921.04921.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

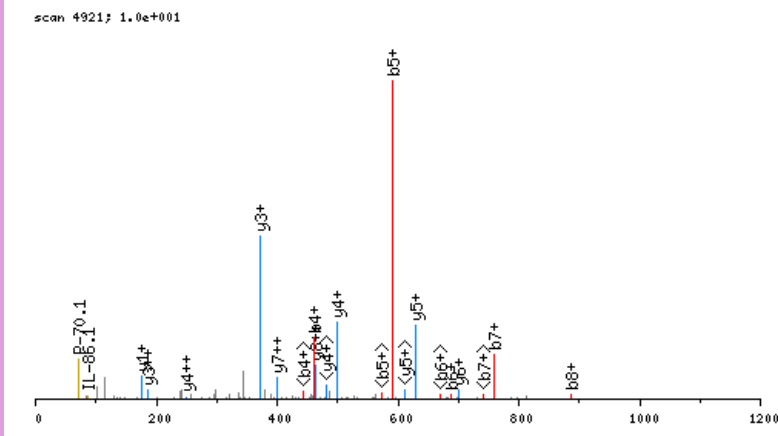
y + 2+ 3+

z + 2+ 3+

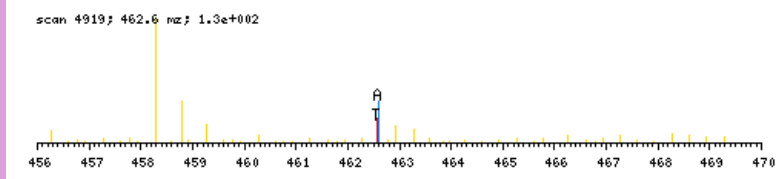
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
199.1446	2	G	11	1244.5911	622.7995
346.2130	3	F	10	1187.5697	594.2888
461.2400	4	D	9	1040.5013	520.7545
590.2826	5	E	8	925.4743	463.2411
687.3353	6	P	7	796.4317	398.7198
758.3725	7	A	6	699.3790	350.1934
887.4150	8	E	5	628.3418	314.6748
1015.4736	9	Q	4	499.2993	250.1535
1112.5264	10	P	3	371.2407	186.1243
1211.5948	11	V	2	274.1879	137.5979
	12	R	1	175.1195	88.0637

N-term:+29.04

LGTLDPSSLDETAYER, MH+ 1908.9191, m/z 636.9779
 L OSG37 P180811 230811-s1.05898.05898.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

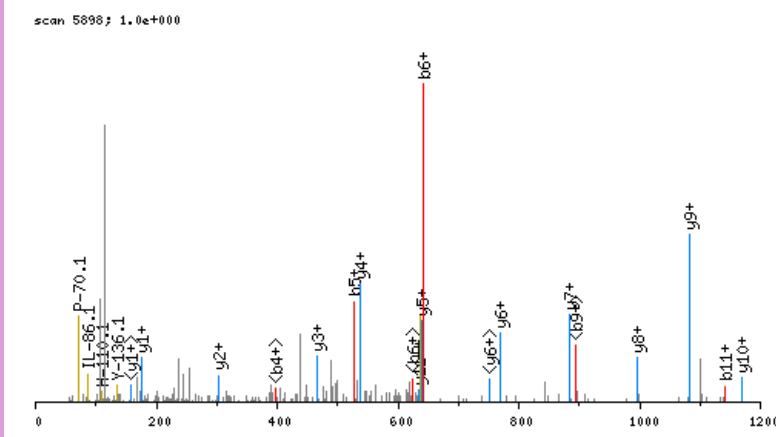
y + 2+ 3+

z + 2+ 3+

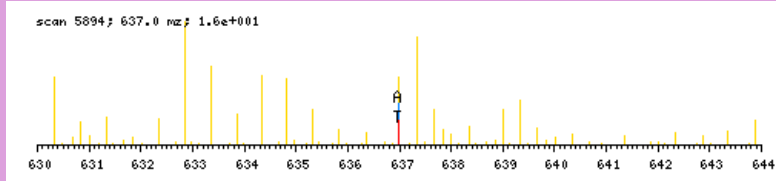
hide H₂O/NH₃

zoom 112-122

GO



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



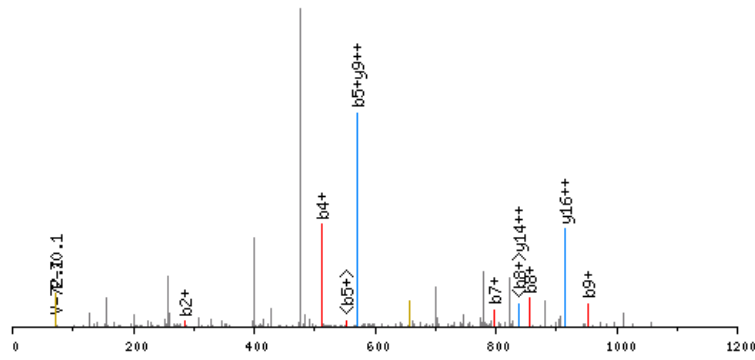
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.1232	1	L 17		
199.1446	2	G 16	1767.8037	884.4058
300.1923	3	T 15	1710.7822	855.8950
413.2764	4	L 14	1609.7346	805.3712
528.3033	5	D 13	1496.6505	748.8292
642.3462	6	N 12	1381.6236	691.3157
739.3990	7	P 11	1267.5806	634.2942
826.4310	8	S 10	1170.5279	585.7678
913.4631	9	S 9	1083.4958	542.2518
1026.5471	10	L 8	996.4638	498.7358
1141.5741	11	D 7	883.3798	442.1938
1270.6167	12	E 6	768.3528	384.6803
1371.6643	13	T 5	639.3102	320.1590
1442.7015	14	A 4	538.2625	269.6352
1605.7648	15	Y 3	467.2254	234.1166
1734.8074	16	E 2	304.1621	152.5850
	17	R 1	175.1195	88.0637

N-term:+29.04

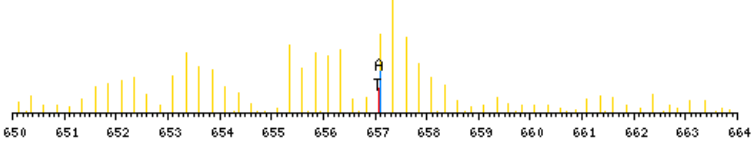
LHPMGIDGPIDSFAPFHNVCPR, MH+ 2625.2918, m/z 657.0784
 H OSG36 P180811 230811-s1.04085.04085.4.dta

scan 4085; 2.5e+000



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

scan 4084; 657.1 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 23		
285.2139	2	H 22	2478.1446	1239.5762
382.2666	3	P 21	2341.0857	1171.0468
513.3071	4	M 20	2244.0330	1122.5204
570.3286	5	G 19	2112.9925	1057.0002
683.4127	6	I 18	2055.9710	1028.4894
798.4396	7	D 17	1942.8870	971.9474
855.4611	8	G 16	1827.8600	914.4339
952.5138	9	P 15	1770.8386	885.9232
1065.5979	10	I 14	1673.7858	837.3968
1180.6248	11	D 13	1560.7017	780.8548
1267.6569	12	S 12	1445.6748	723.3413
1414.7253	13	F 11	1358.6428	679.8253
1485.7624	14	A 10	1211.5743	606.2911
1582.8151	15	P 9	1140.5372	570.7725
1729.8836	16	F 8	1043.4845	522.2461
1866.9425	17	H 7	896.4160	448.7119
1980.9854	18	N 6	759.3571	380.1825
2080.0538	19	V 5	645.3142	323.1610
2194.0967	20	N 4	546.2458	273.6268
2354.1273	21	C 3	432.2029	216.6053
2451.1801	22	P 2	272.1723	136.5900
	23	R 1	175.1195	88.0637

N-term:+35.07 C(21):+160.03

LHVYSAISSKKKELLR, MH+ 2227.3907, m/z 557.6031
 L OSG37 P180811 230811-s1.05522.05522.4.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+

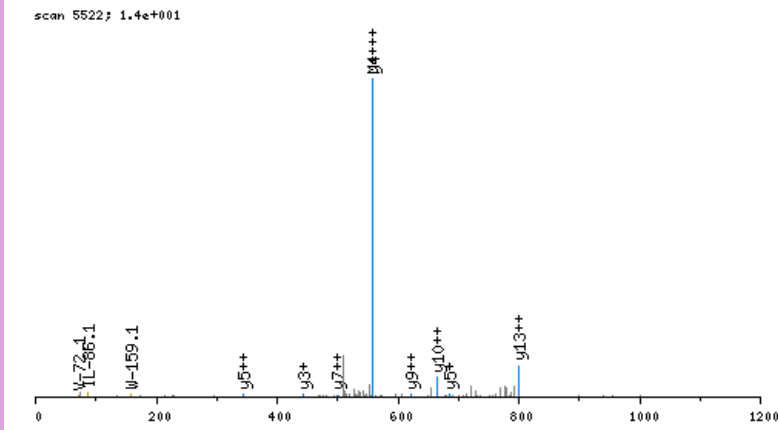
y + 2+ 3+

z + 2+ 3+

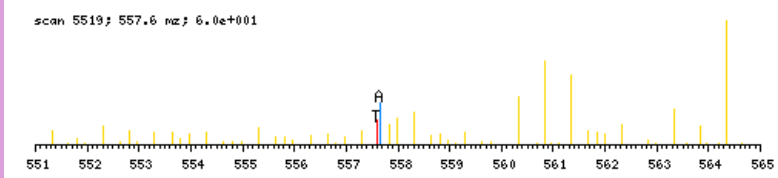
hide H₂O/NH₃

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		
279.1821	2	H	17	2086.2754	1043.6416
378.2505	3	V	16	1949.2165	975.1121
541.3138	4	Y	15	1850.1480	925.5779
628.3458	5	S	14	1687.0847	844.0463
699.3830	6	A	13	1600.0527	800.5303
812.4670	7	I	12	1529.0156	765.0117
899.4991	8	S	11	1415.9315	708.4697
986.5311	9	S	10	1328.8995	664.9537
1073.5631	10	S	9	1241.8675	621.4376
1229.6894	11	K	8	1154.8354	577.9216
1385.8157	12	K	7	998.7091	499.8585
1541.9420	13	K	6	842.5828	421.7953
1670.9846	14	E	5	686.4565	343.7322
1784.0687	15	L	4	557.4139	279.2109
1897.1527	16	L	3	444.3299	222.6688
2053.2790	17	K	2	331.2458	166.1268
	18	R	1	175.1195	88.0637

N-term: +29.04 K(11): +156.13
 K(12): +156.13 K(13): +156.13
 K(17): +156.13

LKGGDDLDPNYVLSSR, MH+ 1804.9445, m/z 602.3197
 L OSG40 P180811 230811-s1.06155.06155.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

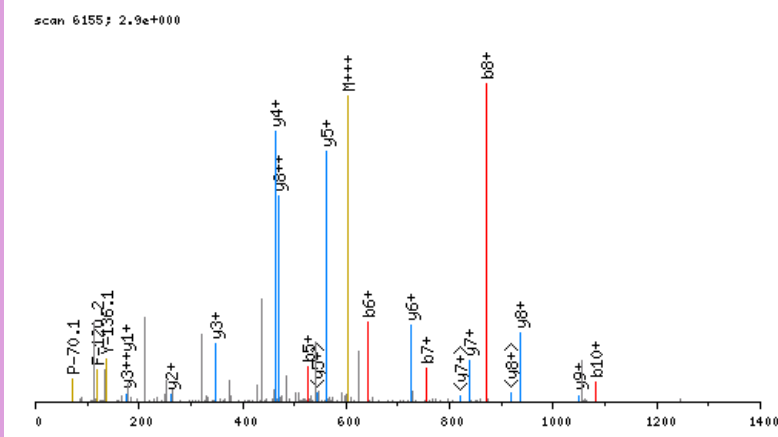
y + 2+ 3+

z + 2+ 3+

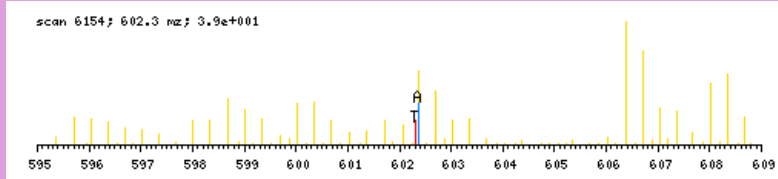
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
298.2495	2	K 15	1663.8292	832.4185
355.2709	3	G 14	1507.7029	754.3554
412.2924	4	G 13	1450.6814	725.8446
527.3193	5	D 12	1393.6599	697.3339
642.3463	6	D 11	1278.6330	639.8204
755.4303	7	L 10	1163.6061	582.3069
870.4573	8	D 9	1050.5220	525.7649
967.5100	9	P 8	935.4951	468.2514
1081.5530	10	N 7	838.4423	419.7251
1244.6163	11	Y 6	724.3994	362.7036
1343.6847	12	V 5	561.3360	281.1719
1456.7688	13	L 4	462.2676	231.6377
1543.8008	14	S 3	349.1836	175.0957
1630.8328	15	S 2	262.1515	131.5797
	16	R 1	175.1195	88.0637

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

LKTIEGIVMAADSAR, MH+ 1630.9202, m/z 544.3116
 L OSG39 P180811 230811-s1.05773.05773.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

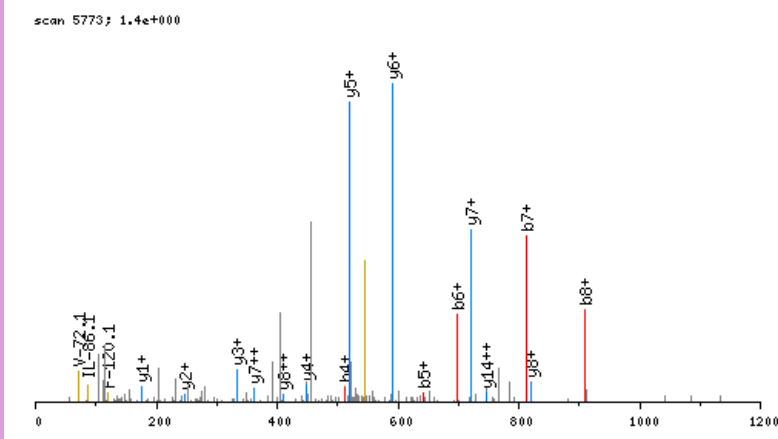
y + 2+ 3+

z + 2+ 3+

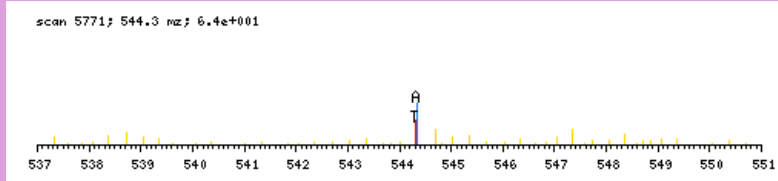
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
298.2495	2	K 14	1489.8049	745.4064
399.2971	3	T 13	1333.6786	667.3432
512.3812	4	I 12	1232.6309	616.8194
641.4238	5	E 11	1119.5468	560.2773
698.4453	6	G 10	990.5042	495.7560
811.5293	7	I 9	933.4828	467.2453
910.5977	8	V 8	820.3987	410.7033
1041.6382	9	M 7	721.3303	361.1691
1112.6753	10	A 6	590.2898	295.6488
1183.7125	11	A 5	519.2527	260.1303
1298.7394	12	D 4	448.2156	224.6117
1385.7714	13	S 3	333.1886	167.0982
1456.8085	14	A 2	246.1566	123.5822
	15	R 1	175.1195	88.0637

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

LLCGEEQGADAALHFNPR, MH+ 2025.9816, m/z 675.9987
 L OSG39 P180811 230811-s1.04939.04939.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

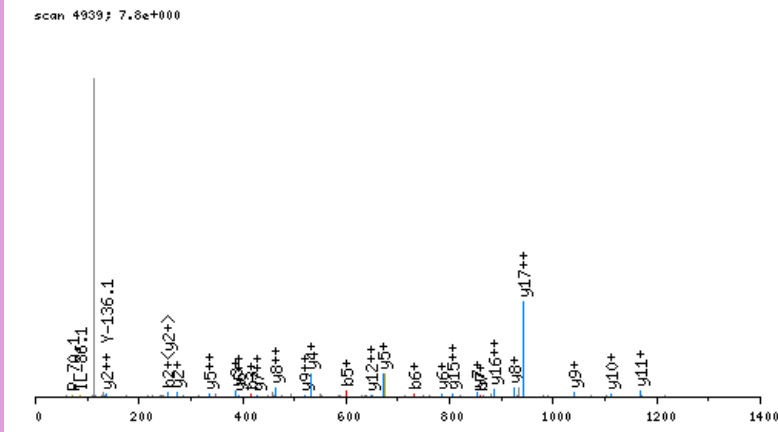
y + 2+ 3+

z + 2+ 3+

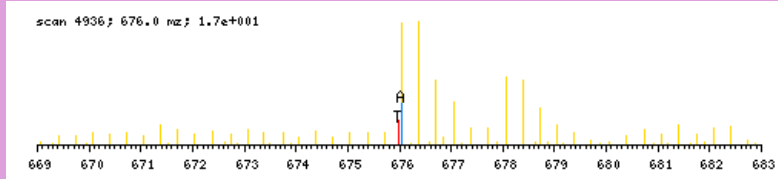
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

LLPPDLPDLEPCR, MH+ 1697.8996, m/z 566.6380
 H OSG37 P180811 230811-s1.07947.07947.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

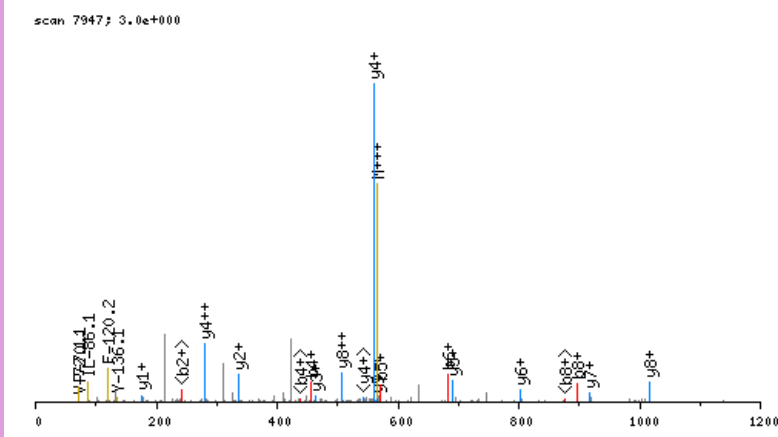
y + 2+ 3+

z + 2+ 3+

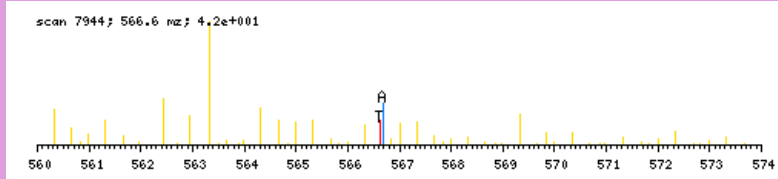
hide H₂O/NH₃

zoom 112-122

GO



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



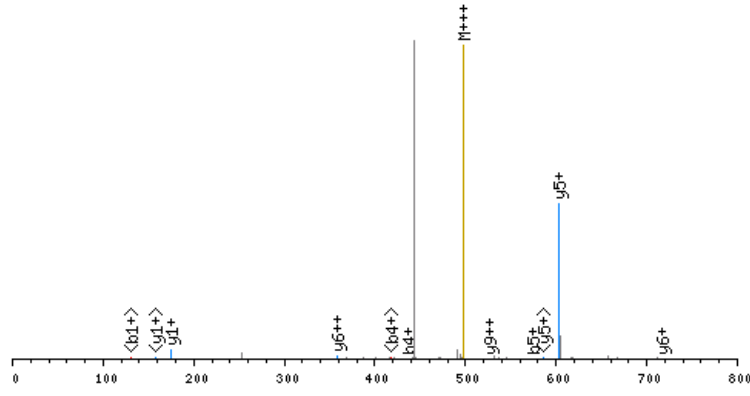
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
148.1550	1	L 14		
261.2390	2	L 13	1550.7524	775.8801
358.2918	3	P 12	1437.6684	719.3381
455.3446	4	P 11	1340.6156	670.8117
570.3715	5	D 10	1243.5628	622.2853
683.4556	6	L 9	1128.5359	564.7719
780.5083	7	P 8	1015.4518	508.2298
895.5353	8	D 7	918.3991	459.7034
1008.6193	9	L 6	803.3721	402.1900
1137.6619	10	E 5	690.2881	345.6479
1234.7147	11	P 4	561.2455	281.1266
1363.7573	12	E 3	464.1927	232.6003
1523.7879	13	C 2	335.1501	168.0790
	14	R 1	175.1195	88.0637

N-term:+35.07 C(13):+160.03

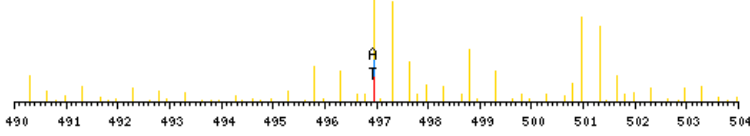
LNSSHLSLFHGSR, MH+ 1488.8135, m/z 496.9427
 H OSG40 P180811 230811-s1.03971.03971.3.dta

scan 3971; 1.9e+001



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

scan 3969; 496.9 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⁺
148.1550	1	L 13		
262.1979	2	N 12	1341.6664	671.3371
349.2299	3	S 11	1227.6234	614.3156
436.2619	4	S 10	1140.5914	570.7996
573.3209	5	H 9	1053.5594	527.2836
686.4049	6	L 8	916.5005	458.7542
773.4370	7	S 7	803.4164	402.2121
886.5210	8	L 6	716.3844	358.6961
1033.5894	9	F 5	603.3003	302.1541
1170.6483	10	H 4	456.2319	228.6199
1227.6698	11	G 3	319.1730	160.0904
1314.7018	12	S 2	262.1515	131.5797
	13	R 1	175.1195	88.0637

N-term:+35.07

LPCVEDYLSAILNR, MH+ 1690.8837, m/z 564.2994
 L OSG37 P180811 230811-s1.08893.08893.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

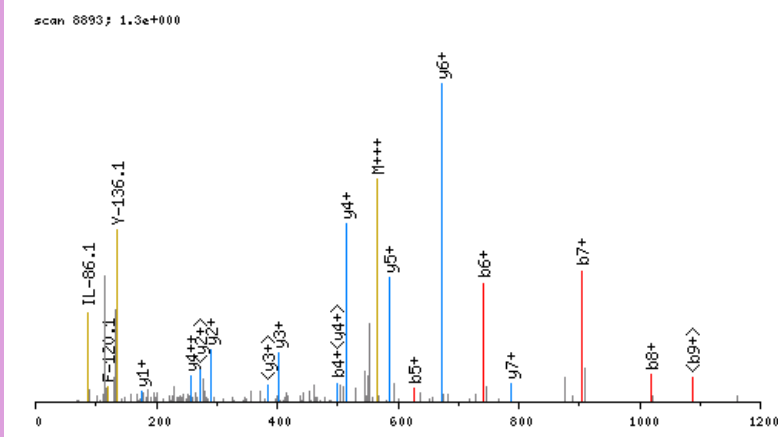
y + 2+ 3+

z + 2+ 3+

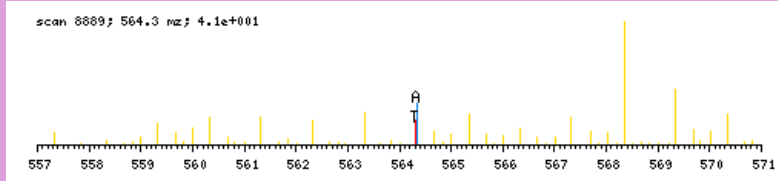
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
239.1759	2	P 13	1549.7684	775.3881
399.2065	3	C 12	1452.7156	726.8617
498.2749	4	V 11	1292.6850	646.8464
627.3175	5	E 10	1193.6166	597.3122
742.3445	6	D 9	1064.5740	532.7909
905.4078	7	Y 8	949.5471	475.2775
1018.4919	8	L 7	786.4838	393.7458
1105.5239	9	S 6	673.3997	337.2038
1176.5610	10	A 5	586.3677	293.6877
1289.6451	11	I 4	515.3306	258.1692
1402.7291	12	L 3	402.2465	201.6272
1516.7721	13	N 2	289.1624	145.0851
	14	R 1	175.1195	88.0637

N-term:+29.04 C(3):+160.03

LPNTGKLAGCTVFITGASR, MH+ 2031.1697, m/z 508.5479
 H OSG39 P180811 230811-s1.05833.05833.4.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+

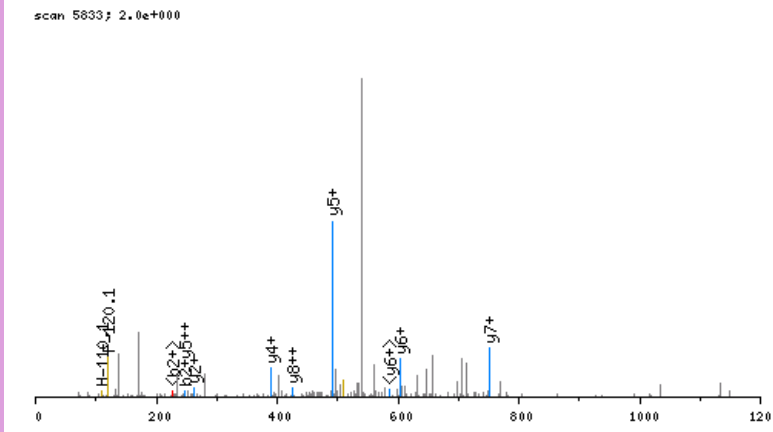
y + 2+ 3+

z + 2+ 3+

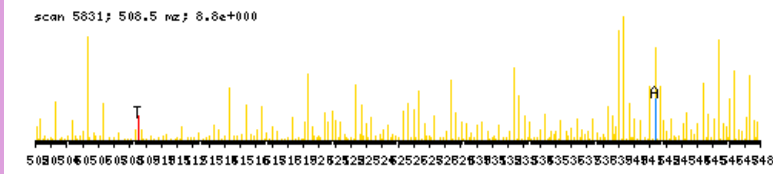
hide H₂O/NH₃

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		
245.2077	2	P 18	1884.0225	942.5152
359.2507	3	N 17	1786.9698	893.9888
460.2983	4	T 16	1672.9268	836.9673
517.3198	5	G 15	1571.8792	786.4435
679.4779	6	K 14	1514.8577	757.9328
792.5620	7	L 13	1352.6996	676.8537
863.5991	8	A 12	1239.6155	620.3117
920.6205	9	G 11	1168.5784	584.7931
1080.6511	10	C 10	1111.5570	556.2824
1181.6988	11	T 9	951.5264	476.2671
1280.7672	12	V 8	850.4787	425.7433
1427.8356	13	F 7	751.4103	376.2090
1540.9197	14	I 6	604.3418	302.6748
1641.9674	15	T 5	491.2578	246.1328
1698.9889	16	G 4	390.2101	195.6090
1770.0260	17	A 3	333.1886	167.0982
1857.0580	18	S 2	262.1515	131.5797
	19	R 1	175.1195	88.0637

N-term:+35.07 K(6):+162.16
 C(10):+160.03

LPSQVTEMFNQGR, MH+ 1534.7688, m/z 512.2611
 L OSG37 P180811 230811-s1.06327.06327.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

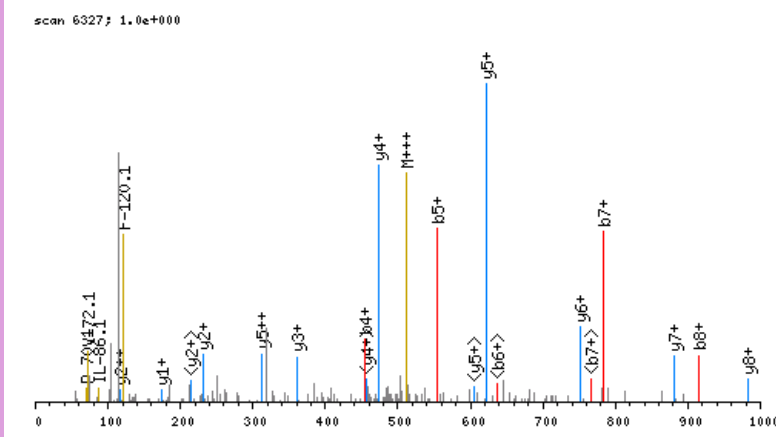
y + 2+ 3+

z + 2+ 3+

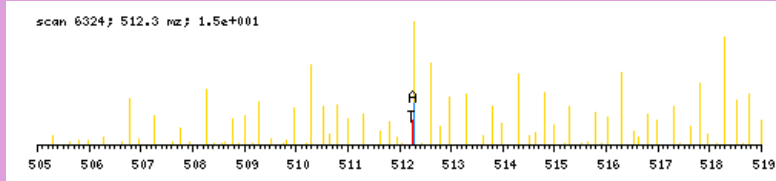
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
239.1759	2	P 12	1393.6534	697.3306
326.2080	3	S 11	1296.6007	648.8042
454.2665	4	Q 10	1209.5686	605.2882
553.3349	5	V 9	1081.5101	541.2589
654.3826	6	T 8	982.4416	491.7247
783.4252	7	E 7	881.3940	441.2009
914.4657	8	M 6	752.3514	376.6796
1061.5341	9	F 5	621.3109	311.1594
1175.5770	10	N 4	474.2425	237.6251
1303.6356	11	Q 3	360.1995	180.6037
1360.6571	12	G 2	232.1410	116.5744
	13	R 1	175.1195	88.0637

N-term:+29.04

LQCYECYGVPIETSCPAVTCR, MH+ 2597.1718, m/z 866.3955
 H_OSG37_P180811_230811-s1.06543.06543.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

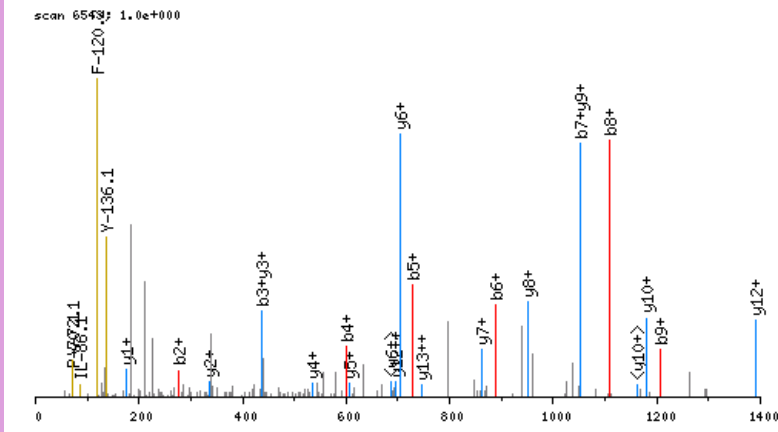
y + 2+ 3+

z + 2+ 3+

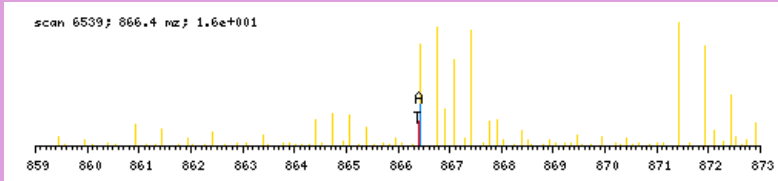
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	21		
276.2135	2	Q	20	2450.0247	1225.5163
436.2441	3	C	19	2321.9661	1161.4870
599.3075	4	Y	18	2161.9355	1081.4717
728.3501	5	E	17	1998.8722	999.9400
888.3807	6	C	16	1869.8296	935.4187
1051.4440	7	Y	15	1709.7990	855.4034
1108.4655	8	G	14	1546.7357	773.8718
1207.5339	9	V	13	1489.7142	745.3610
1304.5866	10	P	12	1390.6458	695.8268
1417.6707	11	I	11	1293.5930	647.3004
1546.7133	12	E	10	1180.5090	590.7584
1647.7610	13	T	9	1051.4664	526.2371
1734.7930	14	S	8	950.4187	475.7133
1894.8236	15	C	7	863.3867	432.1972
1991.8764	16	P	6	703.3561	352.1819
2062.9135	17	A	5	606.3033	303.6556
2161.9819	18	V	4	535.2662	268.1370
2263.0296	19	T	3	436.1978	218.6028
2423.0602	20	C	2	335.1501	168.0790
	21	R	1	175.1195	88.0637

N-term:+35.07 C(3):+160.03
 C(6):+160.03 C(15):+160.03
 C(20):+160.03

LQEDSLNVADLSSLR, MH+ 1693.9184, m/z 565.3110
 H OSG37 P180811 230811-s1.07438.07438.3.dta

scan 7438; 6.3e+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+

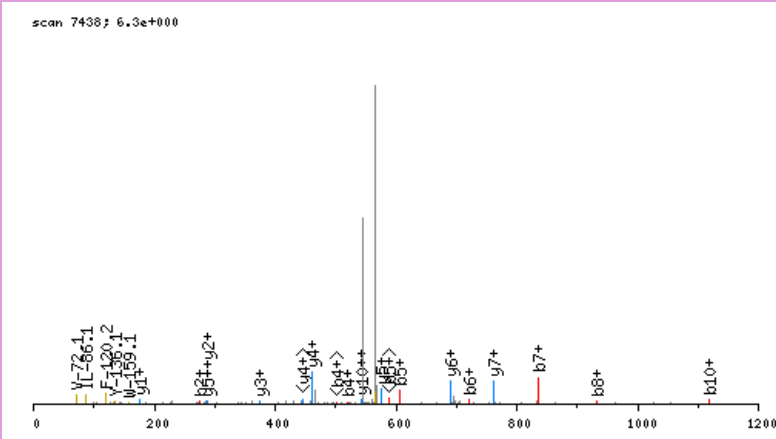
y + 2+ 3+

z + 2+ 3+

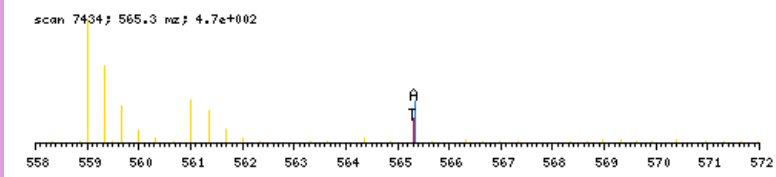
hide H₂O/NH₃

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⁺
148.1550	1	L 15		
276.2135	2	Q 14	1546.7713	773.8896
405.2561	3	E 13	1418.7127	709.8603
520.2831	4	D 12	1289.6701	645.3390
607.3151	5	S 11	1174.6432	587.8255
720.3992	6	L 10	1087.6111	544.3095
834.4421	7	N 9	974.5271	487.7675
933.5105	8	V 8	860.4842	430.7460
1004.5476	9	A 7	761.4157	381.2118
1119.5746	10	D 6	690.3786	345.6932
1232.6586	11	L 5	575.3517	288.1798
1319.6907	12	S 4	462.2676	231.6377
1406.7227	13	S 3	375.2356	188.1217
1519.8068	14	L 2	288.2036	144.6057
	15	R 1	175.1195	88.0637

N-term:+35.07

LQEILSDGKGDPNKPSGFR, MH+ 2271.1985, m/z 568.5551
 L OSG40 P180811 230811-s1.04922.04922.4.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+

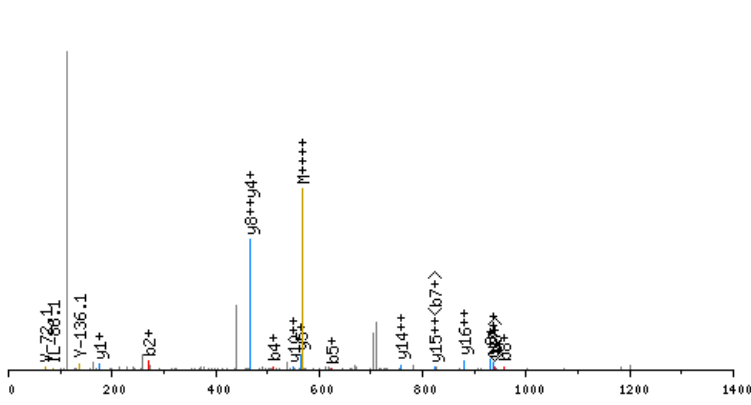
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

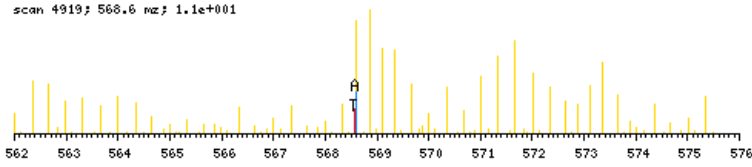
GO

scan 4922; 5.1e+000



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

scan 4919; 568.6 m/z; 1.1e+001



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

b ⁺	#	AA	#	y ⁺	y ²⁺
142.1232	1	L	20		
270.1817	2	Q	19	2130.0832	1065.5455
399.2243	3	E	18	2002.0246	1001.5162
512.3084	4	I	17	1872.9820	936.9949
625.3925	5	L	16	1759.8980	880.4529
754.4351	6	E	15	1646.8139	823.9109
841.4671	7	S	14	1517.7713	759.3896
956.4940	8	D	13	1430.7393	715.8736
1013.5155	9	G	12	1315.7123	658.3601
1169.6418	10	K	11	1258.6909	629.8493
1226.6633	11	G	10	1102.5646	551.7862
1341.6902	12	D	9	1045.5431	523.2755
1438.7430	13	P	8	930.5162	465.7620
1552.7859	14	N	7	833.4634	417.2356
1708.9122	15	K	6	719.4205	360.2141
1805.9650	16	P	5	563.2942	282.1510
1892.9970	17	S	4	466.2414	233.6246
1950.0184	18	G	3	379.2094	190.1086
2097.0869	19	F	2	322.1879	161.5979
	20	R	1	175.1195	88.0637

N-term: +29.04 K(10): +156.13
 K(15): +156.13

LQIAATELEKEESR, MH+ 1672.9122, m/z 558.3089
 L OSG39 P180811 230811-s1.04027.04027.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

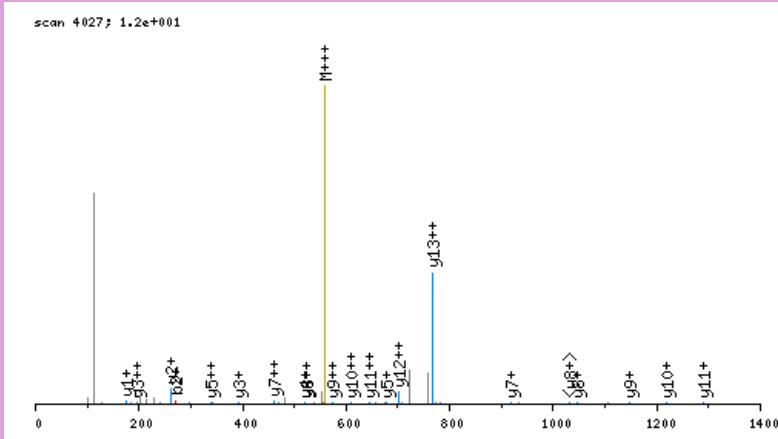
y + 2+ 3+

z + 2+ 3+

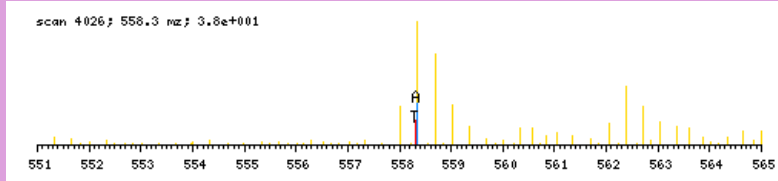
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

LQSIGTENTEENR, MH+ 1518.7400, m/z 506.9182
 L OSG37 P180811 230811-s1.02601.02601.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

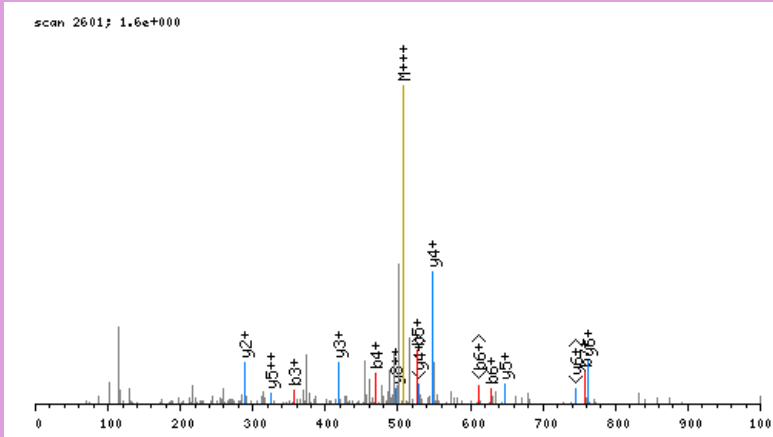
y + 2+ 3+

z + 2+ 3+

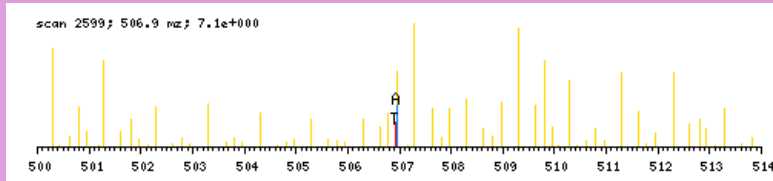
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
270.1817	2	Q 12	1377.6246	689.3162
357.2138	3	S 11	1249.5660	625.2869
470.2978	4	I 10	1162.5340	581.7709
527.3193	5	G 9	1049.4500	525.2289
628.3670	6	T 8	992.4285	496.7182
757.4096	7	E 7	891.3808	446.1943
871.4525	8	N 6	762.3382	381.6730
972.5002	9	T 5	648.2953	324.6516
1101.5428	10	E 4	547.2476	274.1277
1230.5854	11	E 3	418.2050	209.6064
1344.6283	12	N 2	289.1624	145.0851
	13	R 1	175.1195	88.0637

N-term:+29.04

LQSIGTENTEENRR, MH+ 1674.8411, m/z 558.9519
 L OSG40 P180811 230811-s1.02227.02227.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

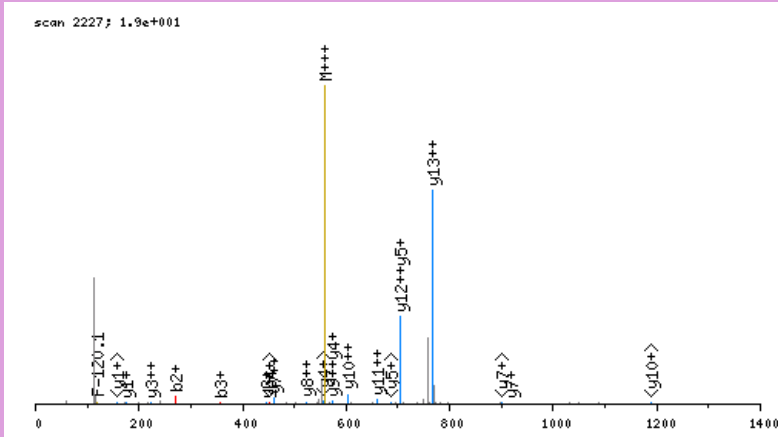
y + 2+ 3+

z + 2+ 3+

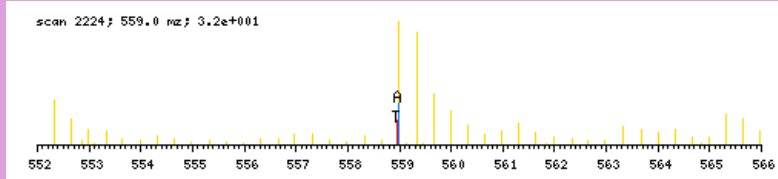
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	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

LRPGDCEVCISYLGR, MH+ 1828.9261, m/z 610.3135
 H OSG40 P180811 230811-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+

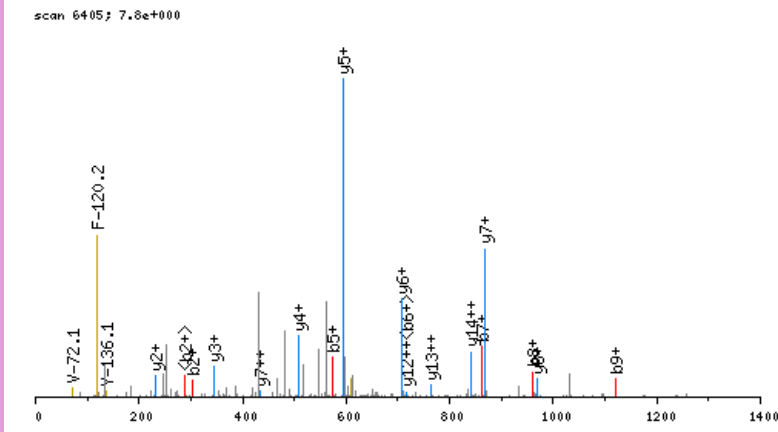
y + 2+ 3+

z + 2+ 3+

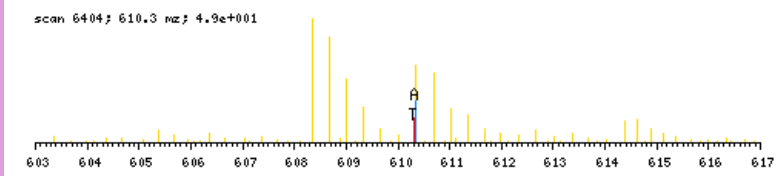
hide H₂O/NH₃

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⁺
148.1550	1	L	15		
304.2561	2	R	14	1681.7789	841.3934
401.3088	3	P	13	1525.6778	763.3428
458.3303	4	G	12	1428.6251	714.8164
573.3572	5	D	11	1371.6036	686.3057
733.3878	6	C	10	1256.5767	628.7922
862.4304	7	E	9	1096.5461	548.7769
961.4989	8	V	8	967.5035	484.2556
1121.5295	9	C	7	868.4350	434.7214
1234.6135	10	I	6	708.4044	354.7061
1321.6455	11	S	5	595.3204	298.1641
1484.7089	12	Y	4	508.2884	254.6481
1597.7929	13	L	3	345.2250	173.1164
1654.8144	14	G	2	232.1410	116.5744
	15	R	1	175.1195	88.0637

N-term:+35.07 C(6):+160.03
 C(9):+160.03

LSGGAQSSSSKSHPSER, MH+ 1769.9418, m/z 590.6521
 H OSG36 P180811 230811-s1.04190.04190.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

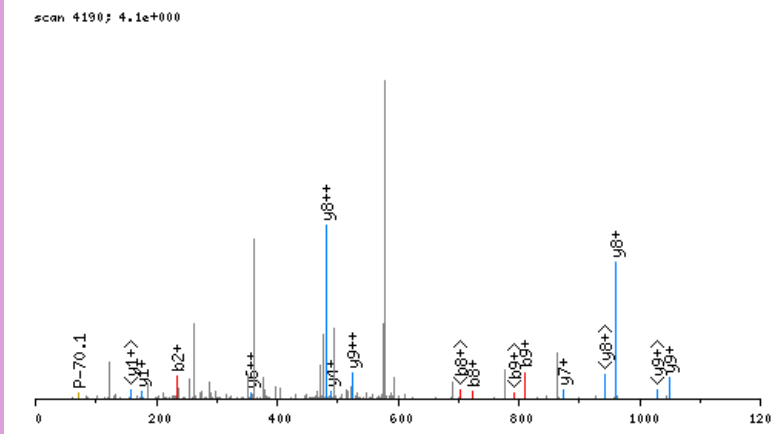
y + 2+ 3+

z + 2+ 3+

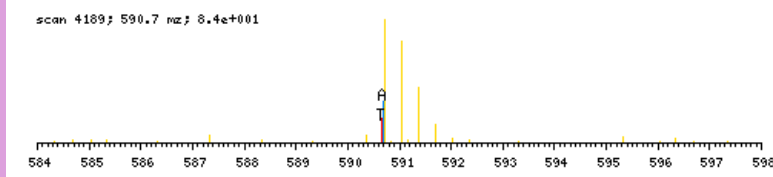
hide H₂O/NH₃

zoom 112-122

GO



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



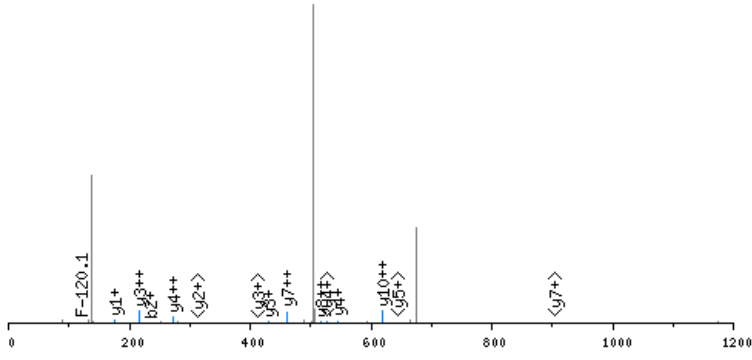
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
148.1550	1	L	17		
235.1870	2	S	16	1622.7947	811.9013
292.2085	3	G	15	1535.7627	768.3852
349.2299	4	G	14	1478.7412	739.8745
420.2670	5	A	13	1421.7197	711.3638
548.3256	6	Q	12	1350.6826	675.8452
635.3576	7	S	11	1222.6240	611.8159
722.3897	8	S	10	1135.5920	568.2999
809.4217	9	S	9	1048.5600	524.7839
896.4537	10	S	8	961.5280	481.2679
1058.6118	11	K	7	874.4959	437.7519
1145.6439	12	S	6	712.3378	356.6728
1282.7028	13	H	5	625.3058	313.1568
1379.7555	14	P	4	488.2469	244.6274
1466.7876	15	S	3	391.1941	196.1010
1595.8302	16	E	2	304.1621	152.5850
	17	R	1	175.1195	88.0637

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

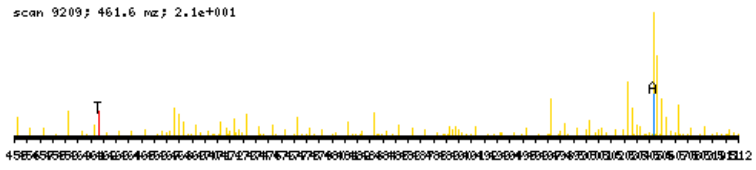
LSDLFLDDVRR, MH+ 1382.7856, m/z 461.6000
 H OSG40 P180811 230811-s1.09211.09211.3.dta

scan 9211; 1.5e+001



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

scan 9209; 461.6 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⁺
148.1550	1	L 11		
235.1870	2	S 10	1235.6384	618.3231
348.2711	3	L 9	1148.6064	574.8071
463.2980	4	D 8	1035.5223	518.2651
610.3664	5	F 7	920.4954	460.7516
723.4505	6	L 6	773.4270	387.2174
838.4774	7	D 5	660.3429	330.6754
953.5044	8	D 4	545.3160	273.1619
1052.5728	9	V 3	430.2890	215.6484
1208.6739	10	R 2	331.2206	166.1142
	11	R 1	175.1195	88.0637

N-term:+35.07

LSQGSPLSWEETQR, MH+ 1645.8185, m/z 549.2777
 L OSG37 P180811 230811-s1.05307.05307.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

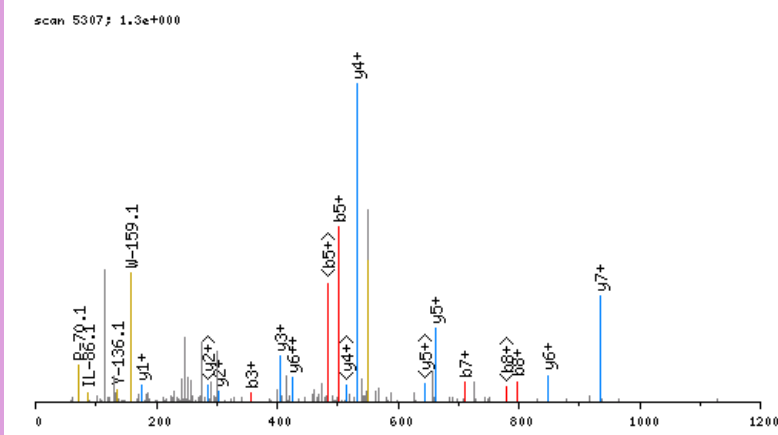
y + 2+ 3+

z + 2+ 3+

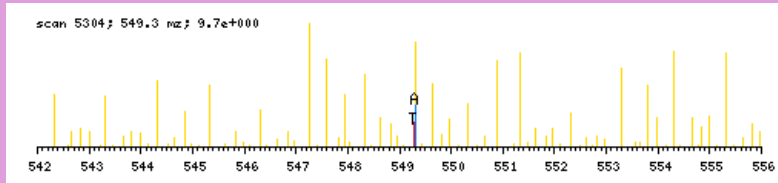
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
229.1552	2	S 13	1504.7032	752.8555
357.2138	3	Q 12	1417.6712	709.3395
414.2352	4	G 11	1289.6126	645.3102
501.2673	5	S 10	1232.5911	616.7995
598.3200	6	P 9	1145.5591	573.2835
711.4041	7	L 8	1048.5063	524.7571
798.4361	8	S 7	935.4223	468.2151
984.5154	9	W 6	848.3903	424.6990
1113.5580	10	E 5	662.3109	331.6594
1242.6006	11	E 4	533.2683	267.1381
1343.6483	12	T 3	404.2258	202.6168
1471.7069	13	Q 2	303.1781	152.0930
	14	R 1	175.1195	88.0637

N-term:+29.04

LTQEEELDSGLDELSVR, MH+ 1831.9289, m/z 611.3145
 L OSG37 P180811 230811-s1.08057.08057.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

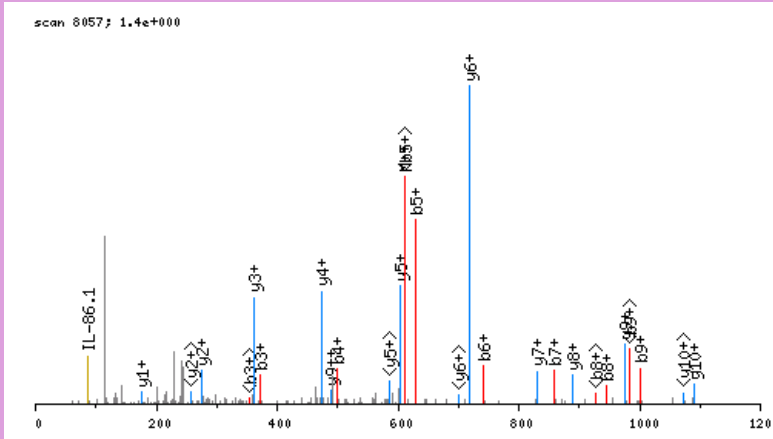
y + 2+ 3+

z + 2+ 3+

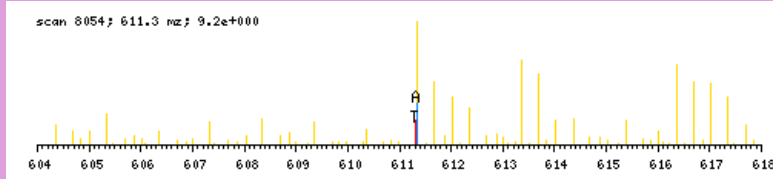
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
243.1708	2	T 15	1690.8135	845.9107
371.2294	3	Q 14	1589.7659	795.3868
500.2720	4	E 13	1461.7073	731.3576
629.3146	5	E 12	1332.6647	666.8363
742.3987	6	L 11	1203.6221	602.3150
857.4256	7	D 10	1090.5380	545.7729
944.4576	8	S 9	975.5111	488.2595
1001.4791	9	G 8	888.4791	444.7434
1114.5632	10	L 7	831.4576	416.2327
1229.5901	11	D 6	718.3735	359.6907
1358.6327	12	E 5	603.3466	302.1772
1471.7168	13	L 4	474.3040	237.6559
1558.7488	14	S 3	361.2199	181.1139
1657.8172	15	V 2	274.1879	137.5979
	16	R 1	175.1195	88.0637

N-term:+29.04

LVVVNEEDHLR, MH+ 1437.7490, m/z 479.9212
 L OSG40 P180811 230811-s1.05848.05848.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

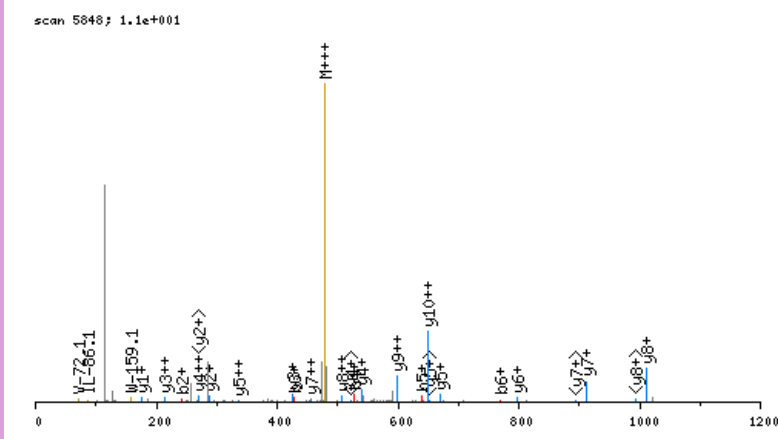
y + 2+ 3+

z + 2+ 3+

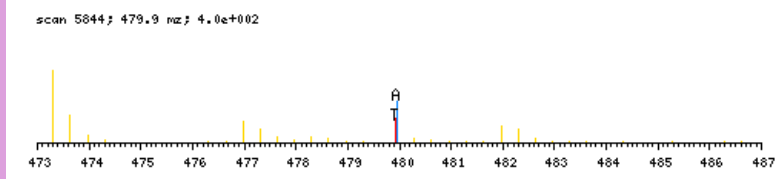
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
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 OSG39 P180811 230811-s1.05457.05457.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

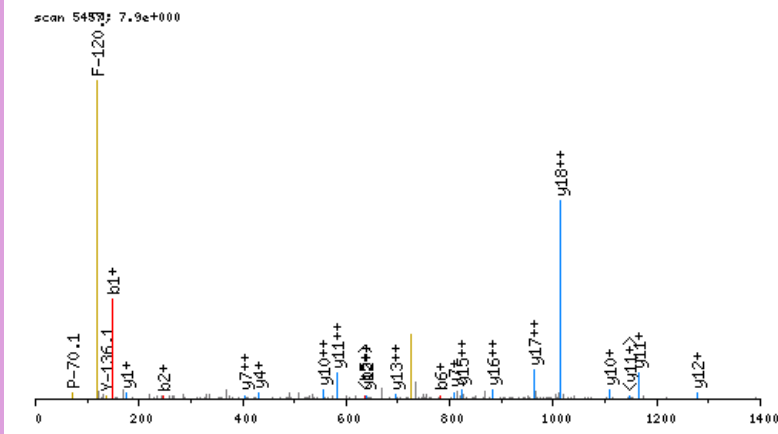
y + 2+ 3+

z + 2+ 3+

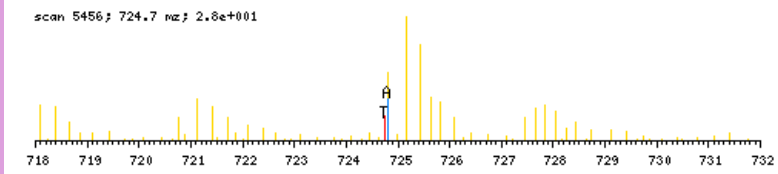
hide H₂O/NH₃

zoom 112-122

GO



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



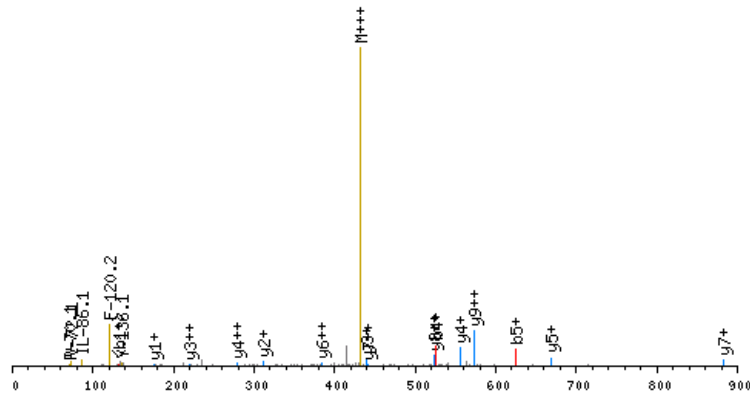
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

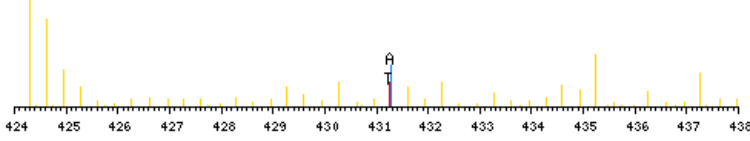
LVYDVLQDHR, MH+ 1291.7222, m/z 431.2456
 H OSG40 P180811 230811-s1.05763.05763.3.dta

scan 5763; 5.2e+000



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

scan 5759; 431.2 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⁺
148.1550	1	L 10		
247.2234	2	V 9	1144.5751	572.7915
410.2867	3	Y 8	1045.5067	523.2573
525.3136	4	D 7	882.4434	441.7256
624.3821	5	V 6	767.4164	384.2121
737.4661	6	L 5	668.3480	334.6779
852.4931	7	D 4	555.2639	278.1359
980.5516	8	Q 3	440.2370	220.6224
1117.6106	9	H 2	312.1784	156.5931
	10	R 1	175.1195	88.0637

N-term:+35.07

LYSSDDVIELTPSNFNR, MH+ 2091.0458, m/z 697.6868
 H OSG37 P180811 230811-s1.07118.07118.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

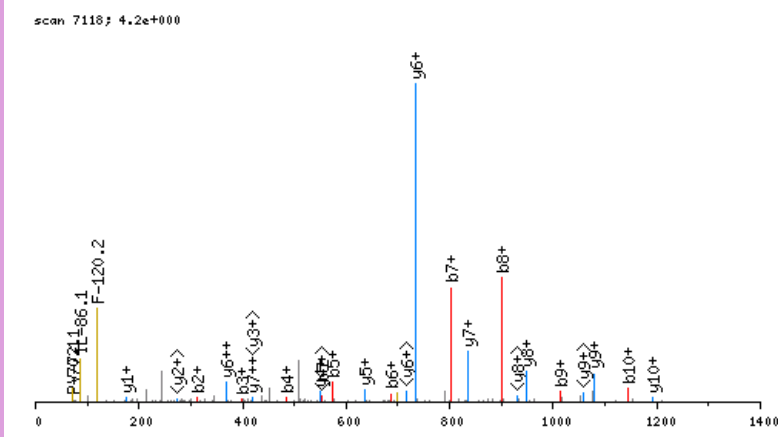
y + 2+ 3+

z + 2+ 3+

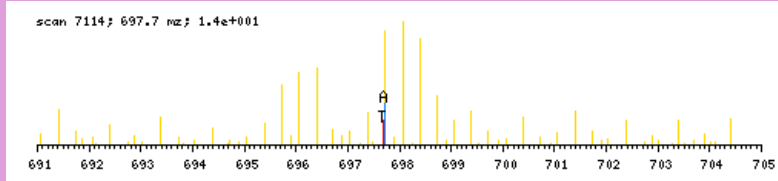
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
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 OSG37 P180811 230811-s1.04186.04186.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

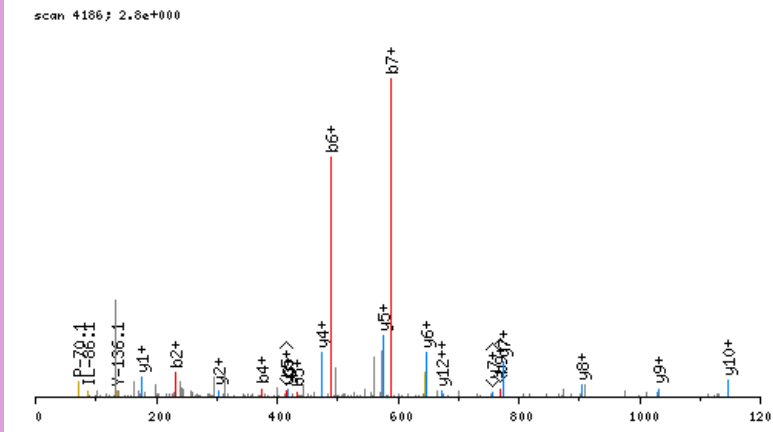
y + 2+ 3+

z + 2+ 3+

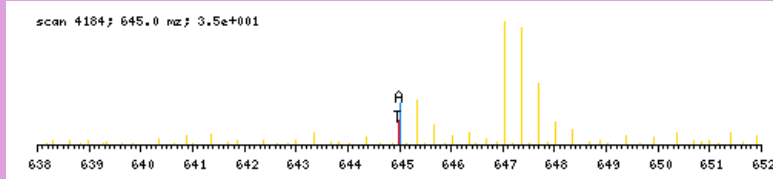
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 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

MEIPKETLQTAADGTR, MH+ 1816.9479, m/z 606.3208
 L OSG39 P180811 230811-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+

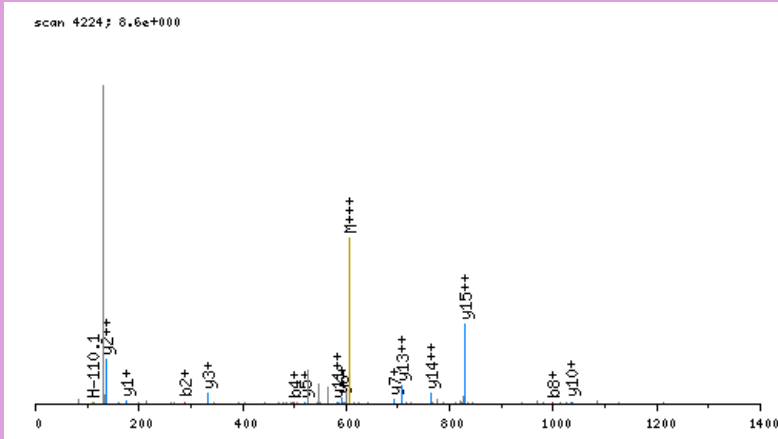
y + 2+ 3+

z + 2+ 3+

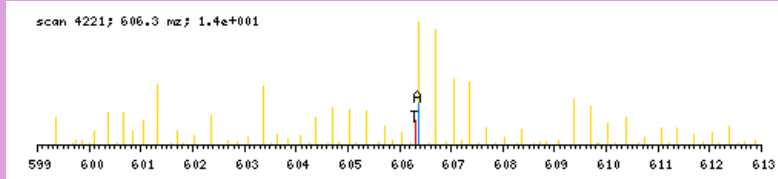
hide H₂O/NH₃

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⁺
160.0796	1	M 16		
289.1222	2	E 15	1657.8761	829.4420
402.2062	3	I 14	1528.8335	764.9207
499.2590	4	P 13	1415.7495	708.3786
655.3853	5	K 12	1318.6967	659.8523
784.4279	6	E 11	1162.5704	581.7891
885.4756	7	T 10	1033.5278	517.2678
998.5596	8	L 9	932.4801	466.7440
1126.6182	9	Q 8	819.3961	410.2019
1227.6659	10	T 7	691.3375	346.1727
1298.7030	11	A 6	590.2898	295.6488
1369.7401	12	A 5	519.2527	260.1303
1484.7671	13	D 4	448.2156	224.6117
1541.7885	14	G 3	333.1886	167.0982
1642.8362	15	T 2	276.1672	138.5875
	16	R 1	175.1195	88.0637

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

MEKNQLEEVPSALPR, MH+ 1809.0217, m/z 603.6787
 H OSG39 P180811 230811-s1.04448.04448.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

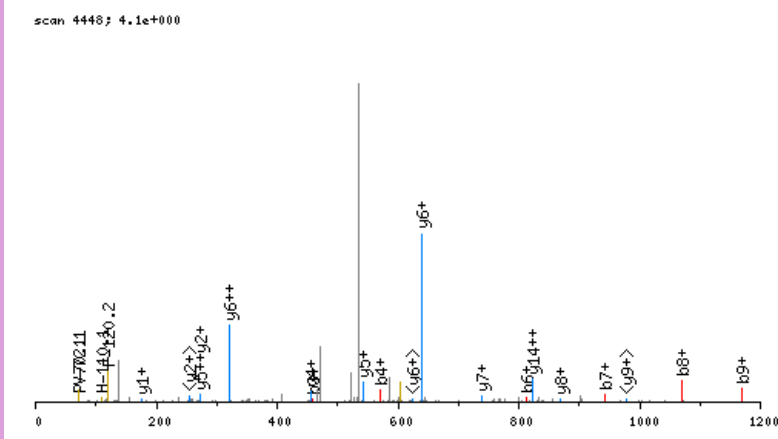
y + 2+ 3+

z + 2+ 3+

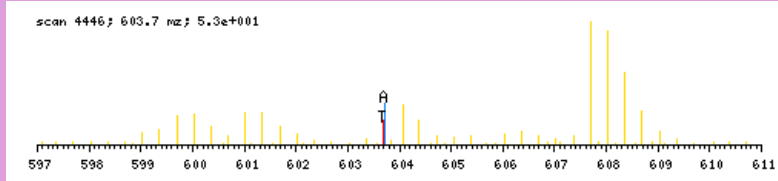
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

MENANVLAR, MH+ 1051.5782, m/z 526.2927
 H OSG38 P180811 230811-s1.02963.02963.2.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+

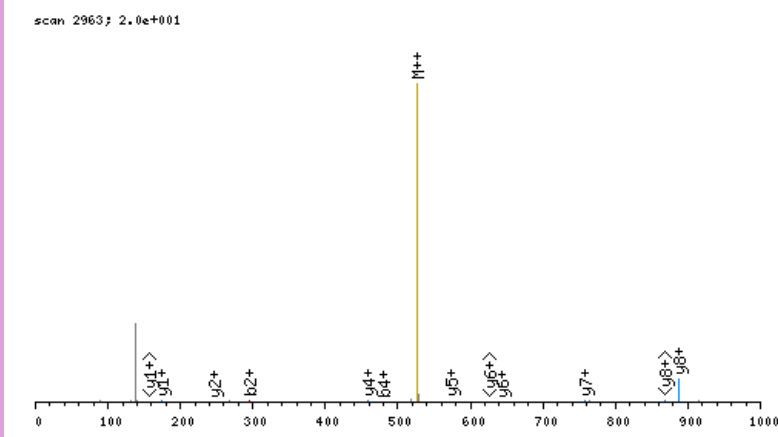
y + 2+ 3+

z + 2+ 3+

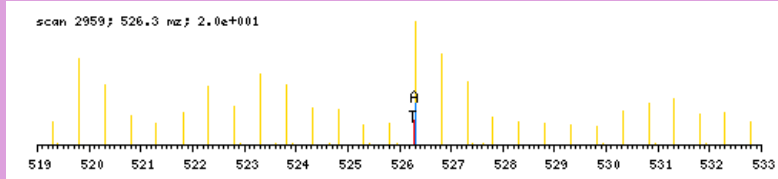
hide H₂O/NH₃

zoom 112-122

GO



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



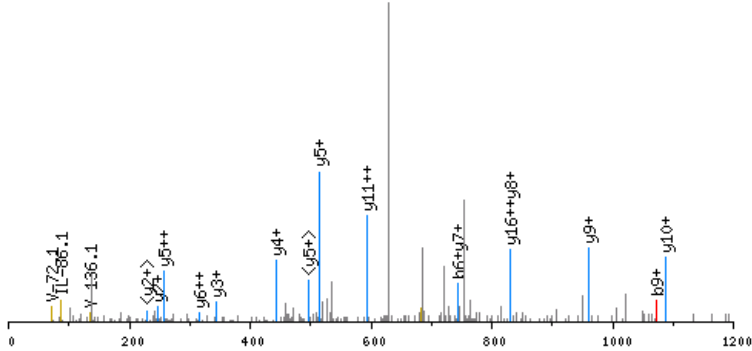
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
166.1114	1	M	9	
295.1540	2	E	8	886.4747 443.7412
409.1969	3	N	7	757.4321 379.2199
480.2340	4	A	6	643.3891 322.1985
594.2769	5	N	5	572.3520 286.6799
693.3454	6	V	4	458.3091 229.6585
806.4294	7	L	3	359.2407 180.1243
877.4665	8	A	2	246.1566 123.5822
	9	R	1	175.1195 88.0637

N-term:+35.07

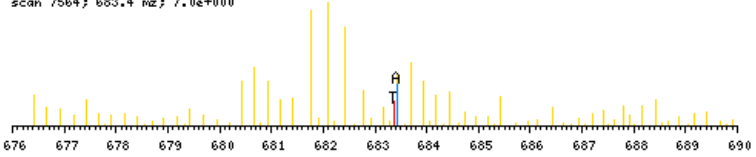
MEQASKTVQDALSSVQESDIAVVAR, MH+ 2730.4620, m/z 683.3710
 H OSG38 P180811 230811-s1.07566.07566.4.dta

scan 7566; 1.1e+000



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

scan 7564; 683.4 m/z; 7.0e+000



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

b ⁺	#	AA #	y ⁺	y ²⁺
166.1114	1	M 25		
295.1540	2	E 24	2565.3584	1283.1831
423.2126	3	Q 23	2436.3158	1218.6618
494.2497	4	A 22	2308.2573	1154.6325
581.2817	5	S 21	2237.2202	1119.1140
743.4398	6	K 20	2150.1881	1075.5980
844.4875	7	T 19	1988.0300	994.5189
943.5559	8	V 18	1886.9823	943.9951
1071.6145	9	Q 17	1787.9139	894.4609
1186.6414	10	D 16	1659.8554	830.4316
1257.6785	11	A 15	1544.8284	772.9181
1370.7626	12	L 14	1473.7913	737.3996
1457.7946	13	S 13	1360.7072	680.8575
1544.8266	14	S 12	1273.6752	637.3415
1643.8951	15	V 11	1186.6432	593.8255
1771.9536	16	Q 10	1087.5748	544.2913
1900.9962	17	E 9	959.5162	480.2620
1988.0283	18	S 8	830.4736	415.7407
2103.0552	19	D 7	743.4416	372.2247
2216.1393	20	I 6	628.4146	314.7112
2287.1764	21	A 5	515.3306	258.1692
2386.2448	22	V 4	444.2934	222.6506
2485.3132	23	V 3	345.2250	173.1164
2556.3503	24	A 2	246.1566	123.5822
	25	R 1	175.1195	88.0637

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

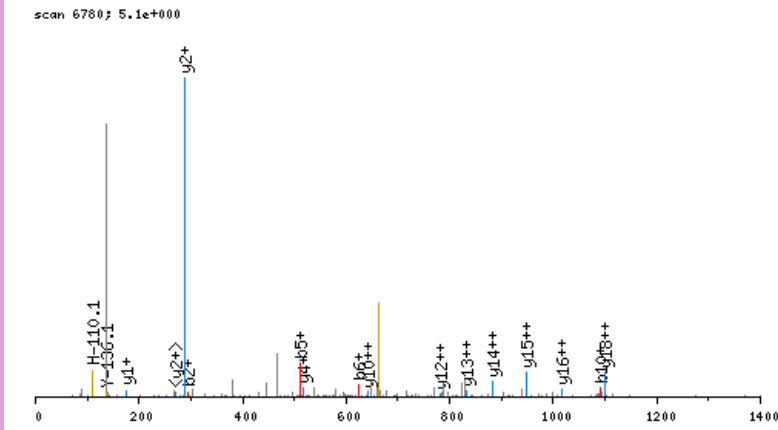
z + 2+ 3+

hide H₂O/NH₃

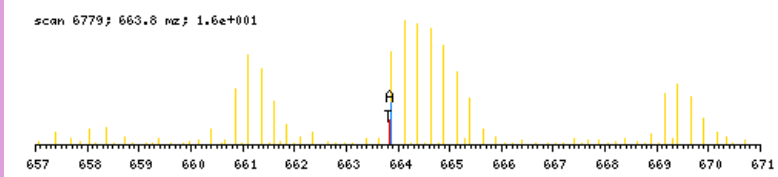
zoom 112-122

GO

MESAGIHETTYNSIMKCDIDIR, MH+ 2652.3107, m/z 663.8331
H OSG40 P180811 230811-s1.06780.06780.4.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⁺
166.1114	1	M 22		
295.1540	2	E 21	2487.2072	1244.1075
382.1860	3	S 20	2358.1646	1179.5862
453.2231	4	A 19	2271.1326	1136.0702
510.2446	5	G 18	2200.0954	1100.5516
623.3286	6	I 17	2143.0740	1072.0409
760.3876	7	H 16	2029.9899	1015.4989
889.4302	8	E 15	1892.9310	946.9694
990.4778	9	T 14	1763.8884	882.4481
1091.5255	10	T 13	1662.8407	831.9243
1254.5888	11	Y 12	1561.7930	781.4004
1368.6318	12	N 11	1398.7297	699.8688
1455.6638	13	S 10	1284.6868	642.8473
1568.7479	14	I 9	1197.6548	599.3313
1699.7883	15	M 8	1084.5707	542.7893
1861.9464	16	K 7	953.5302	477.2690
2021.9770	17	C 6	791.3721	396.1900
2137.0040	18	D 5	631.3415	316.1747
2250.0881	19	I 4	516.3146	258.6612
2365.1150	20	D 3	403.2305	202.1192
2478.1991	21	I 2	288.2036	144.6057
	22	R 1	175.1195	88.0637

N-term:+35.07 K(16):+162.16
C(17):+160.03

MFDTPQESPVKSPVVR, MH+ 1870.9737, m/z 624.3294
 L OSG39 P180811 230811-s1.03729.03729.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

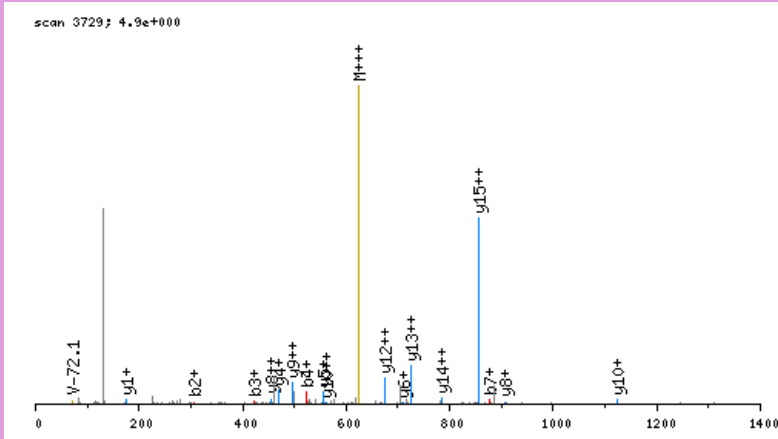
y + 2+ 3+

z + 2+ 3+

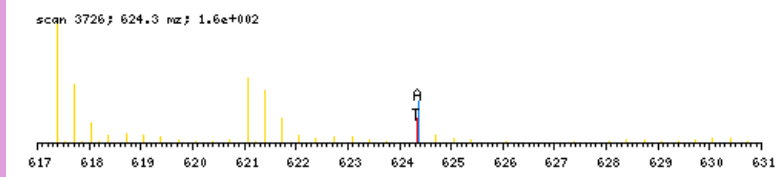
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

MHLTELYLSLPR, MH+ 1506.8566, m/z 502.9571
 H OSG40 P180811 230811-s1.08457.08457.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

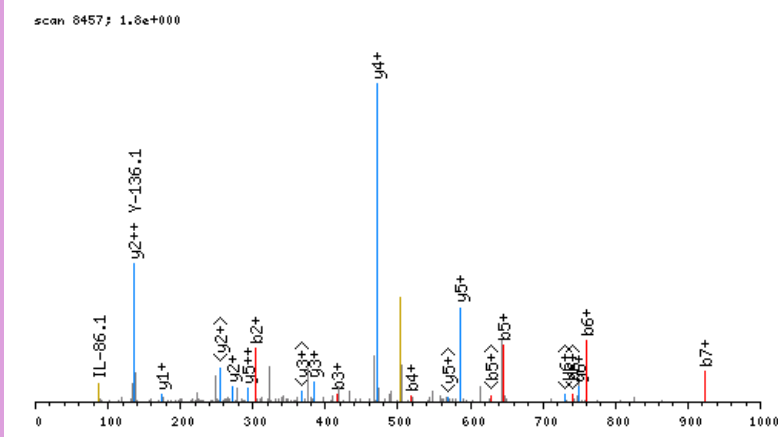
y + 2+ 3+

z + 2+ 3+

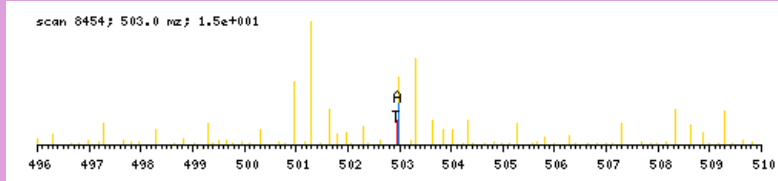
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 12		
303.1703	2	H 11	1341.7531	671.3804
416.2544	3	L 10	1204.6941	602.8510
517.3020	4	T 9	1091.6101	546.3090
646.3446	5	E 8	990.5624	495.7851
759.4287	6	L 7	861.5198	431.2638
922.4920	7	Y 6	748.4357	374.7218
1035.5761	8	L 5	585.3724	293.1901
1122.6081	9	S 4	472.2884	236.6481
1235.6922	10	L 3	385.2563	193.1321
1332.7449	11	P 2	272.1723	136.5900
	12	R 1	175.1195	88.0637

N-term:+35.07

MHTEAAEVLLER, MH+ 1426.7364, m/z 476.2503
 L OSG40 P180811 230811-s1.05535.05535.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

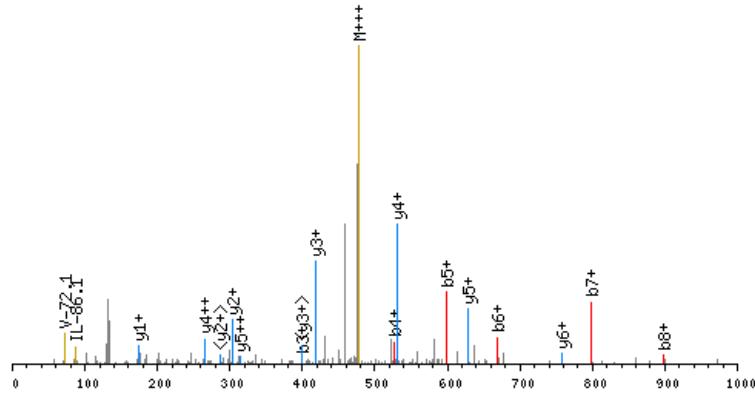
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

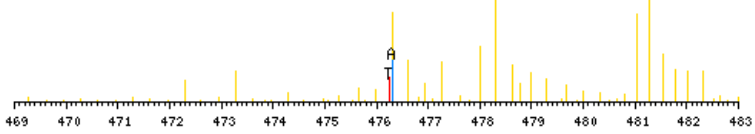
GO

scan 5535; 1.9e+000



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

scan 5534; 476.3 m/z; 7.0e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
160.0796	1	M 12		
297.1385	2	H 11	1267.6646	634.3362
398.1862	3	T 10	1130.6057	565.8068
527.2288	4	E 9	1029.5580	515.2829
598.2659	5	A 8	900.5155	450.7616
669.3030	6	A 7	829.4783	415.2431
798.3456	7	E 6	758.4412	379.7245
897.4140	8	V 5	629.3986	315.2032
1010.4981	9	L 4	530.3302	265.6690
1123.5821	10	L 3	417.2462	209.1270
1252.6247	11	E 2	304.1621	152.5850
	12	R 1	175.1195	88.0637

N-term:+29.04

MKVFVTGPLPAEGR, MH+ 1557.8827, m/z 519.9658
 L OSG39 P180811 230811-s1.04852.04852.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

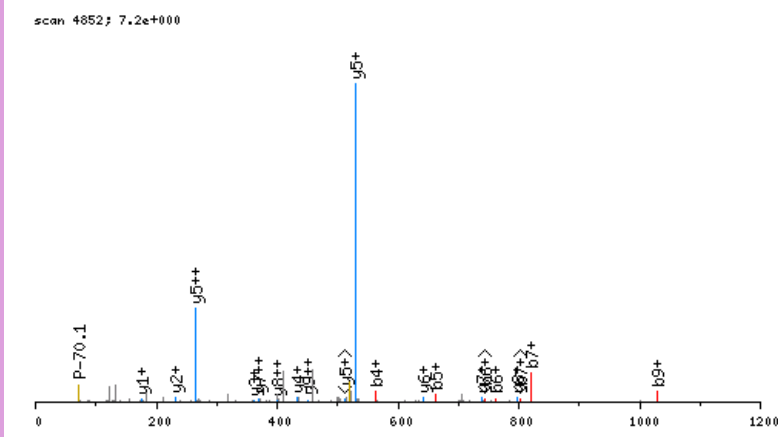
y + 2+ 3+

z + 2+ 3+

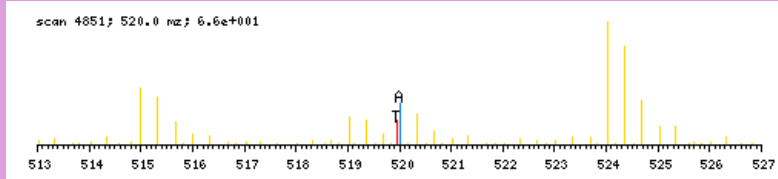
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
316.2059	2	K 13	1398.8109	699.9094
415.2743	3	V 12	1242.6846	621.8462
562.3427	4	F 11	1143.6162	572.3120
661.4111	5	V 10	996.5478	498.7778
762.4588	6	T 9	897.4794	449.2436
819.4803	7	G 8	796.4317	398.7198
916.5330	8	P 7	739.4103	370.2090
1029.6171	9	L 6	642.3575	321.6827
1126.6699	10	P 5	529.2734	265.1406
1197.7070	11	A 4	432.2207	216.6142
1326.7496	12	E 3	361.1836	181.0957
1383.7710	13	G 2	232.1410	116.5744
	14	R 1	175.1195	88.0637

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

MLGAPEEADANEEGVR, MH+ 1721.8228, m/z 574.6125
 H OSG37 P180811 230811-s1.04067.04067.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

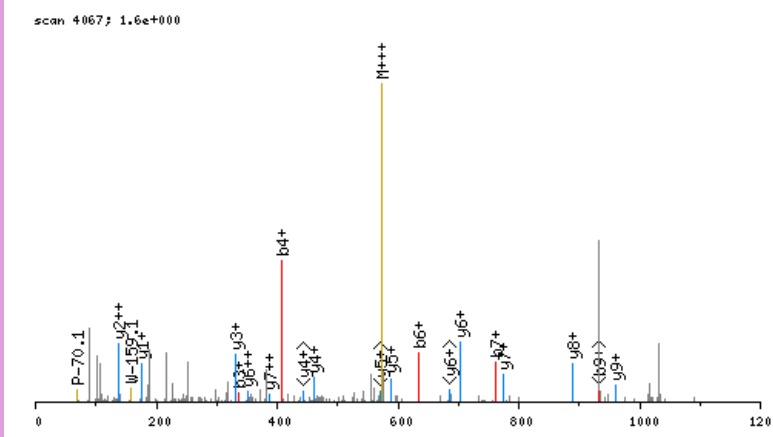
y + 2+ 3+

z + 2+ 3+

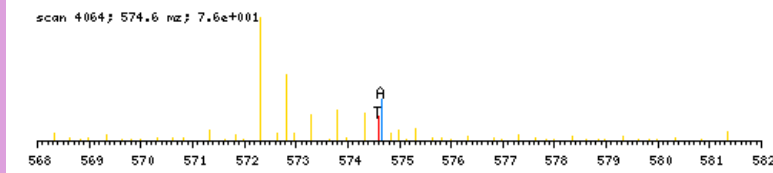
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
279.1954	2	L 15	1556.7193	778.8635
336.2169	3	G 14	1443.6352	722.3215
407.2540	4	A 13	1386.6137	693.8108
504.3068	5	P 12	1315.5766	658.2922
633.3494	6	E 11	1218.5238	609.7658
762.3920	7	E 10	1089.4813	545.2445
833.4291	8	A 9	960.4387	480.7232
948.4560	9	D 8	889.4015	445.2047
1019.4931	10	A 7	774.3746	387.6912
1133.5361	11	N 6	703.3375	352.1727
1262.5787	12	E 5	589.2946	295.1512
1391.6213	13	E 4	460.2520	230.6299
1448.6427	14	G 3	331.2094	166.1086
1547.7111	15	V 2	274.1879	137.5979
	16	R 1	175.1195	88.0637

N-term:+35.07

MNTELAAFTKNQKDPGVLDLDR, MH+ 2332.2335, m/z 583.8138
 L OSG40 P180811 230811-s1.06247.06247.4.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+

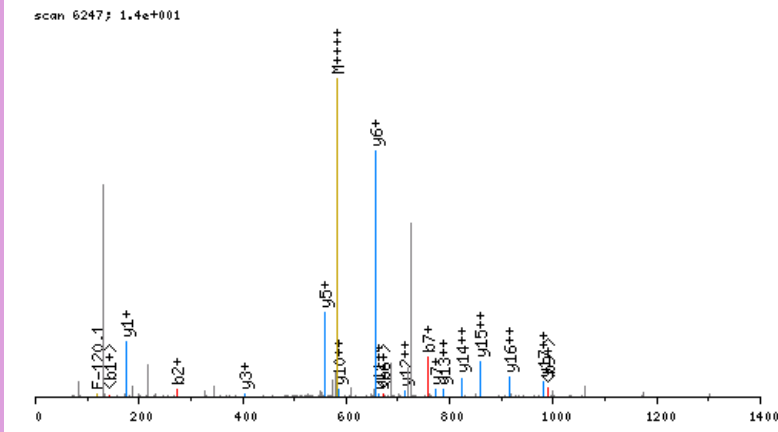
y + 2+ 3+

z + 2+ 3+

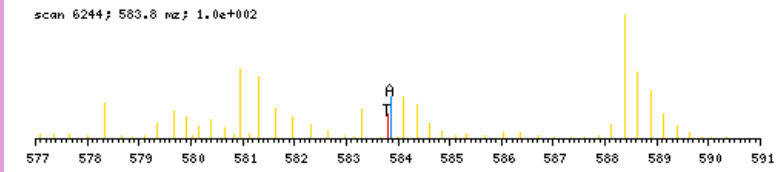
hide H₂O/NH₃

zoom 112-122

GO



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

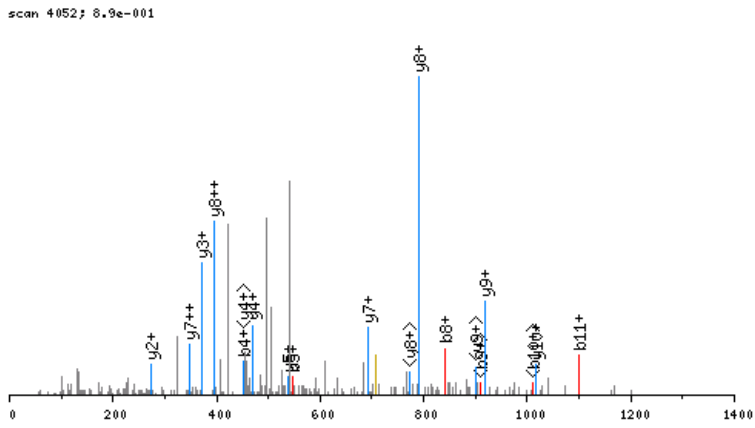


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

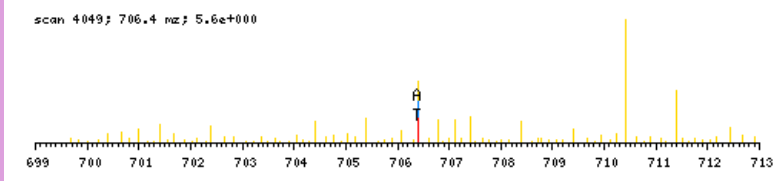
b ⁺	#	AA	#	y ⁺	y ²⁺
160.0796	1	M	20		
274.1225	2	N	19	2173.1618	1087.0848
375.1702	3	T	18	2059.1189	1030.0633
504.2128	4	E	17	1958.0712	979.5395
617.2968	5	L	16	1829.0286	915.0182
688.3340	6	A	15	1715.9445	858.4762
759.3711	7	A	14	1644.9074	822.9576
906.4395	8	F	13	1573.8703	787.4391
1007.4872	9	T	12	1426.8019	713.9049
1163.6135	10	K	11	1325.7542	663.3810
1277.6564	11	N	10	1169.6279	585.3179
1405.7150	12	Q	9	1055.5850	528.2964
1561.8413	13	K	8	927.5264	464.2671
1676.8682	14	D	7	771.4001	386.2040
1773.9210	15	P	6	656.3731	328.6905
1830.9424	16	G	5	559.3204	280.1641
1930.0109	17	V	4	502.2989	251.6534
2043.0949	18	L	3	403.2305	202.1192
2158.1219	19	D	2	290.1464	145.5771
	20	R	1	175.1195	88.0637

N-term: +29.04 K(10): +156.13
 K(13): +156.13

MPPPPPVSTAVQPPGAPPVR, MH+ 2117.1581, m/z 706.3909
 L OSG36 P180811 230811-s1.04052.04052.3.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

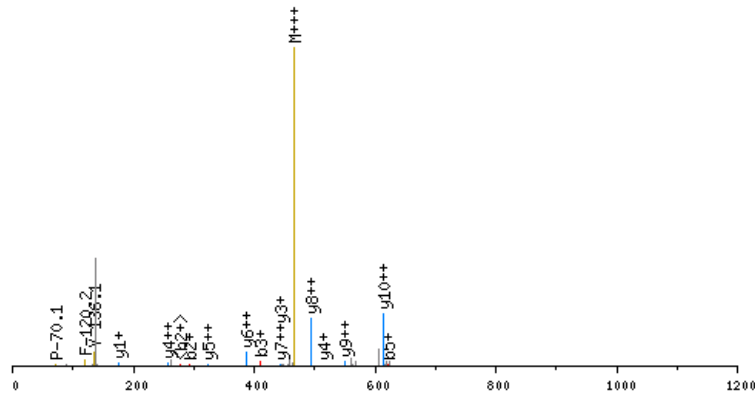
GO

b ⁺	#	AA #	y ⁺	y ²⁺
160.0796	1	M 21		
257.1323	2	P 20	1958.0864	979.5471
354.1851	3	P 19	1861.0336	931.0207
451.2379	4	P 18	1763.9808	882.4943
548.2906	5	P 17	1666.9281	833.9679
645.3434	6	P 16	1569.8753	785.4416
742.3962	7	P 15	1472.8225	736.9152
841.4646	8	V 14	1375.7698	688.3888
928.4966	9	S 13	1276.7014	638.8546
1029.5443	10	T 12	1189.6693	595.3386
1100.5814	11	A 11	1088.6217	544.8147
1199.6498	12	V 10	1017.5845	509.2962
1327.7084	13	Q 9	918.5161	459.7620
1424.7612	14	P 8	790.4575	395.7327
1521.8139	15	P 7	693.4048	347.2063
1578.8354	16	G 6	596.3520	298.6799
1649.8725	17	A 5	539.3306	270.1692
1746.9253	18	P 4	468.2934	234.6506
1843.9780	19	P 3	371.2407	186.1243
1943.0464	20	V 2	274.1879	137.5979
	21	R 1	175.1195	88.0637

N-term:+29.04

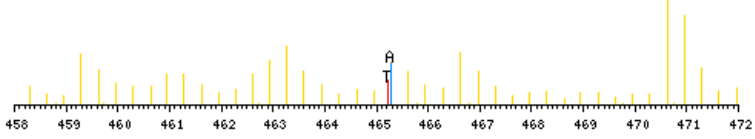
MQDPDEEALRR, MH+ 1393.6958, m/z 465.2368
 H OSG40 P180811 230811-s1.02903.02903.3.dta

scan 2903; 1.9e+001



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

scan 2899; 465.2 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

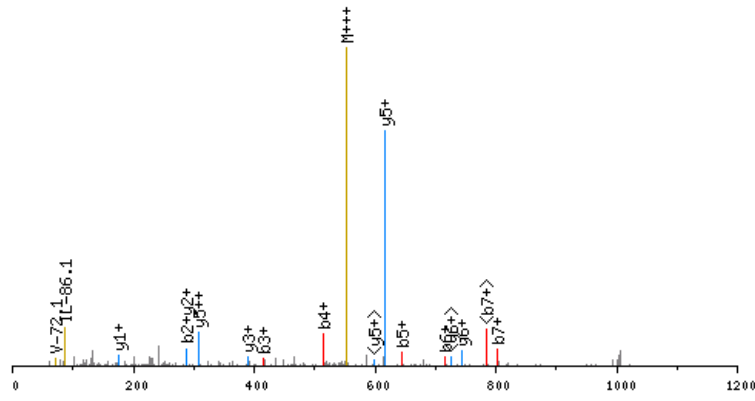
GO

b ⁺	#	AA #	y ⁺	y ²⁺
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

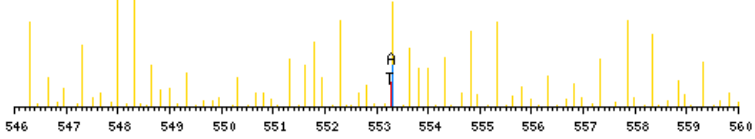
MQQVEASLQPETLR, MH+ 1657.8583, m/z 553.2910
 L OSG37 P180811 230811-s1.05058.05058.3.dta

scan 5058; 3.3e+000



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

scan 5054; 553.3 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⁺
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

MSLPELQQNPLVQR, MH+ 1686.9425, m/z 562.9857
 H OSG37 P180811 230811-s1.07593.07593.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

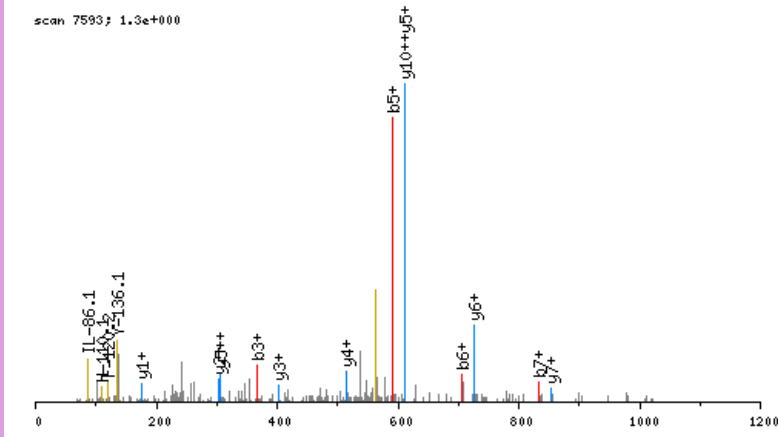
y + 2+ 3+

z + 2+ 3+

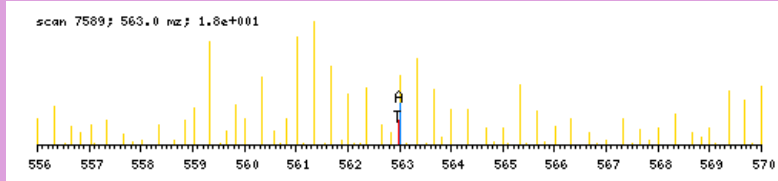
hide H₂O/NH₃

zoom 112-122

GO



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



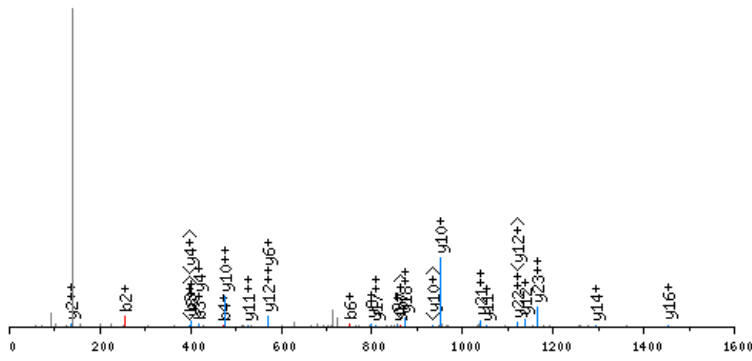
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
166.1114	1	M 14		
253.1434	2	S 13	1521.8389	761.4234
366.2275	3	L 12	1434.8069	717.9074
463.2802	4	P 11	1321.7228	661.3653
592.3228	5	E 10	1224.6701	612.8389
705.4069	6	L 9	1095.6275	548.3176
833.4655	7	Q 8	982.5434	491.7756
961.5241	8	Q 7	854.4848	427.7463
1075.5670	9	N 6	726.4262	363.7170
1172.6197	10	P 5	612.3833	306.6956
1285.7038	11	L 4	515.3306	258.1692
1384.7722	12	V 3	402.2465	201.6272
1512.8308	13	Q 2	303.1781	152.0930
	14	R 1	175.1195	88.0637

N-term:+35.07

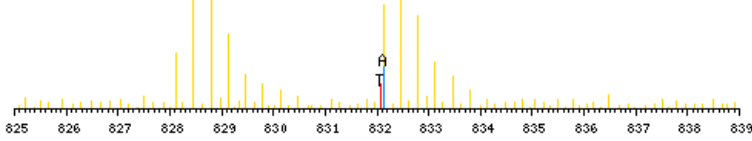
MSYGYDEKSAGVSVPGPMGPGSGPR, MH+ 2494.2383, m/z 832.0843
 H OSG38 P180811 230811-s1.05545.05545.3.dta

scan 5545; 8.0e+000



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

scan 5544; 832.1 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⁺
166.1114	1	M 24		
253.1434	2	S 23	2329.1347	1165.0713
416.2067	3	Y 22	2242.1027	1121.5553
473.2282	4	G 21	2079.0394	1040.0236
636.2915	5	Y 20	2022.0179	1011.5129
751.3185	6	D 19	1858.9546	929.9812
880.3611	7	E 18	1743.9276	872.4677
1042.5192	8	K 17	1614.8850	807.9464
1129.5512	9	S 16	1452.7269	726.8674
1200.5883	10	A 15	1365.6949	683.3514
1257.6098	11	G 14	1294.6578	647.8328
1356.6782	12	V 13	1237.6363	619.3221
1443.7102	13	S 12	1138.5679	569.7879
1542.7786	14	V 11	1051.5359	526.2718
1639.8314	15	P 10	952.4675	476.7376
1696.8529	16	G 9	855.4147	428.2113
1793.9056	17	P 8	798.3932	399.7005
1924.9461	18	M 7	701.3405	351.1741
1981.9676	19	G 6	570.3000	285.6539
2079.0203	20	P 5	513.2785	257.1432
2166.0524	21	S 4	416.2258	208.6168
2223.0738	22	G 3	329.1937	165.1008
2320.1266	23	P 2	272.1723	136.5900
	24	R 1	175.1195	88.0637

N-term:+35.07 K(8):+162.16

MTDVPVDPGVVHR, MH+ 1449.7524, m/z 483.9223
 L OSG39 P180811 230811-s1.03722.03722.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

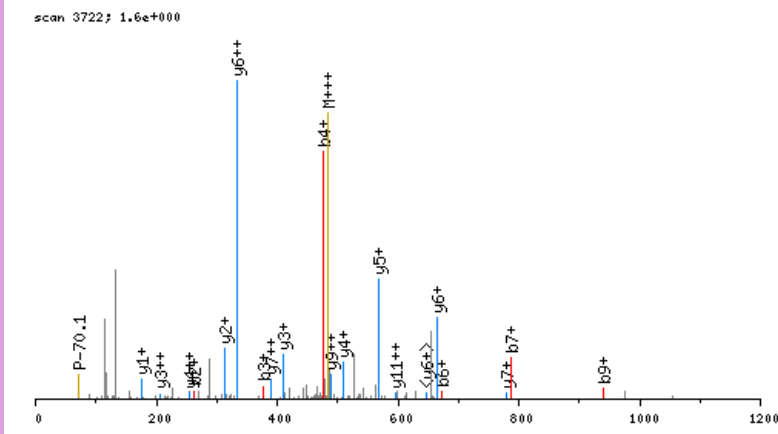
y + 2+ 3+

z + 2+ 3+

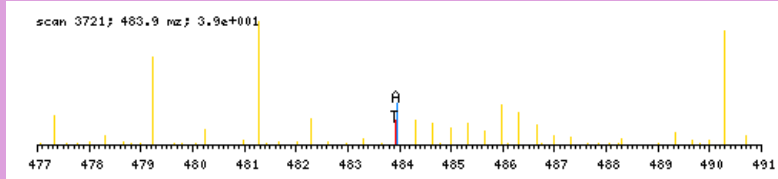
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
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

MTGTEYMQDPDEEALR, MH+ 1913.8261, m/z 638.6135
 L OSG37 P180811 230811-s1.05378.05378.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

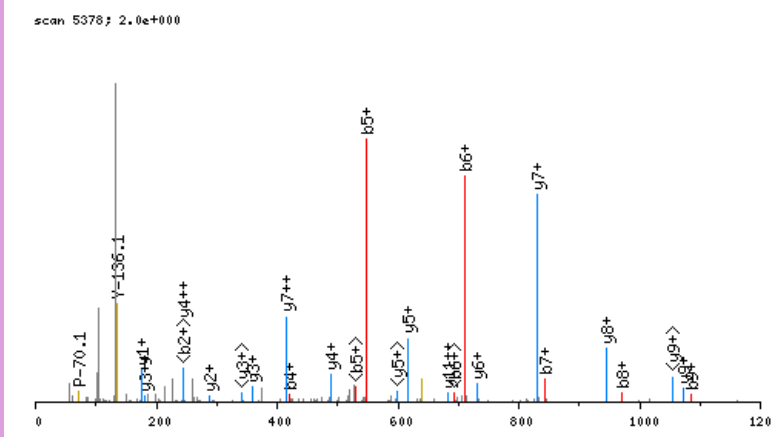
y + 2+ 3+

z + 2+ 3+

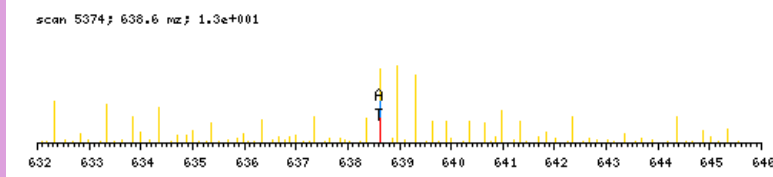
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
261.1273	2	T 15	1754.7543	877.8811
318.1487	3	G 14	1653.7066	827.3572
419.1964	4	T 13	1596.6852	798.8465
548.2390	5	E 12	1495.6375	748.3227
711.3023	6	Y 11	1366.5949	683.8014
842.3428	7	M 10	1203.5316	602.2697
970.4014	8	Q 9	1072.4911	536.7495
1085.4283	9	D 8	944.4325	472.7202
1182.4811	10	P 7	829.4056	415.2067
1297.5080	11	D 6	732.3528	366.6803
1426.5506	12	E 5	617.3259	309.1668
1555.5932	13	E 4	488.2833	244.6455
1626.6303	14	A 3	359.2407	180.1243
1739.7144	15	L 2	288.2036	144.6057
	16	R 1	175.1195	88.0637

N-term:+29.04

MTGTEYMQDPDEEALRR, MH+ 2069.9272, m/z 690.6472
 L OSG39 P180811 230811-s1.04108.04108.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

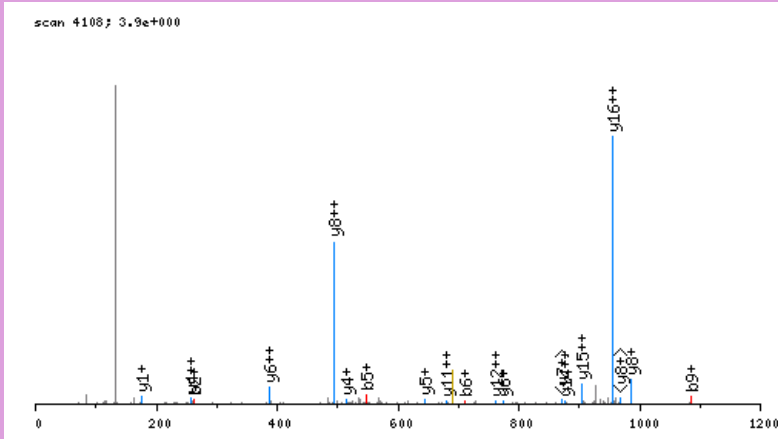
y + 2+ 3+

z + 2+ 3+

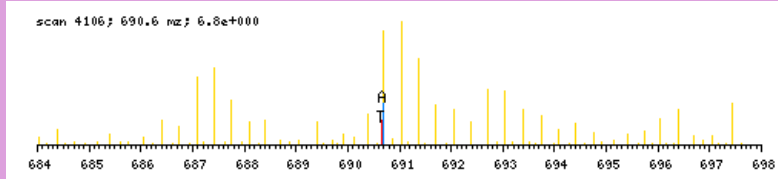
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 17		
261.1273	2	T 16	1910.8554	955.9316
318.1487	3	G 15	1809.8078	905.4078
419.1964	4	T 14	1752.7863	876.8971
548.2390	5	E 13	1651.7386	826.3732
711.3023	6	Y 12	1522.6960	761.8519
842.3428	7	M 11	1359.6327	680.3203
970.4014	8	Q 10	1228.5922	614.8000
1085.4283	9	D 9	1100.5336	550.7707
1182.4811	10	P 8	985.5067	493.2573
1297.5080	11	D 7	888.4539	444.7309
1426.5506	12	E 6	773.4270	387.2174
1555.5932	13	E 5	644.3844	322.6961
1626.6303	14	A 4	515.3418	258.1748
1739.7144	15	L 3	444.3047	222.6563
1895.8155	16	R 2	331.2206	166.1142
	17	R 1	175.1195	88.0637

N-term:+29.04

MTPELSSAHNVIVTER, MH+ 1811.9325, m/z 604.6490
 L OSG39 P180811 230811-s1.04085.04085.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

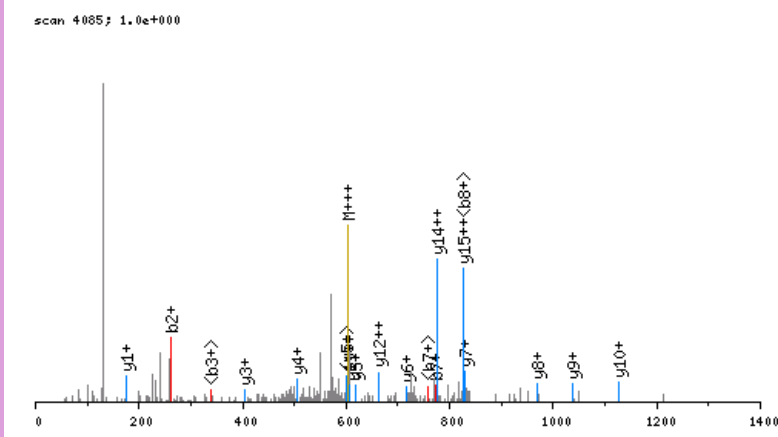
y + 2+ 3+

z + 2+ 3+

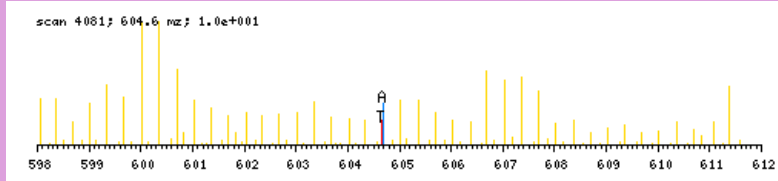
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
261.1273	2	T 15	1652.8608	826.9343
358.1800	3	P 14	1551.8131	776.4105
487.2226	4	E 13	1454.7603	727.8841
600.3067	5	L 12	1325.7177	663.3628
687.3387	6	S 11	1212.6337	606.8207
774.3707	7	S 10	1125.6016	563.3047
845.4079	8	A 9	1038.5696	519.7887
982.4668	9	H 8	967.5325	484.2702
1096.5097	10	N 7	830.4736	415.7407
1195.5781	11	V 6	716.4307	358.7192
1308.6622	12	I 5	617.3623	309.1850
1407.7306	13	V 4	504.2782	252.6430
1508.7783	14	T 3	405.2098	203.1088
1637.8209	15	E 2	304.1621	152.5850
	16	R 1	175.1195	88.0637

N-term:+29.04

MVDNEAIYDICR, MH+ 1532.7301, m/z 511.5815
 H OSG37 P180811 230811-s1.05672.05672.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

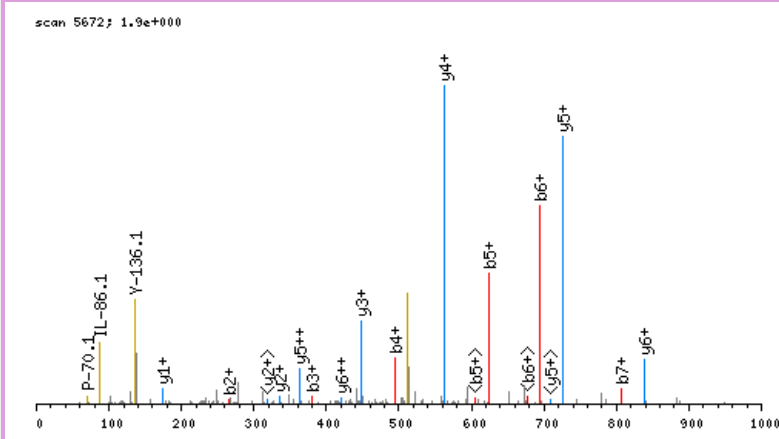
y + 2+ 3+

z + 2+ 3+

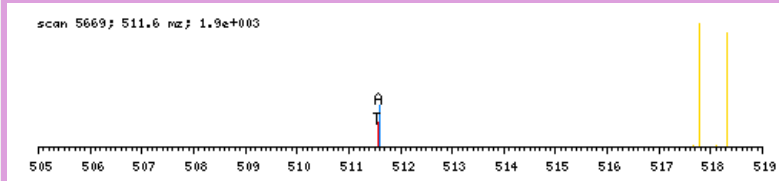
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 12		
265.1798	2	V 11	1367.6265	684.3172
380.2067	3	D 10	1268.5581	634.7830
494.2497	4	N 9	1153.5311	577.2695
623.2923	5	E 8	1039.4882	520.2480
694.3294	6	A 7	910.4456	455.7267
807.4134	7	I 6	839.4085	420.2082
970.4768	8	Y 5	726.3244	363.6661
1085.5037	9	D 4	563.2611	282.1345
1198.5878	10	I 3	448.2342	224.6210
1358.6184	11	C 2	335.1501	168.0790
	12	R 1	175.1195	88.0637

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

MVIENDAGDER, MH+ 1282.6161, m/z 641.8117
 H OSG37 P180811 230811-s1.02745.02745.2.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+

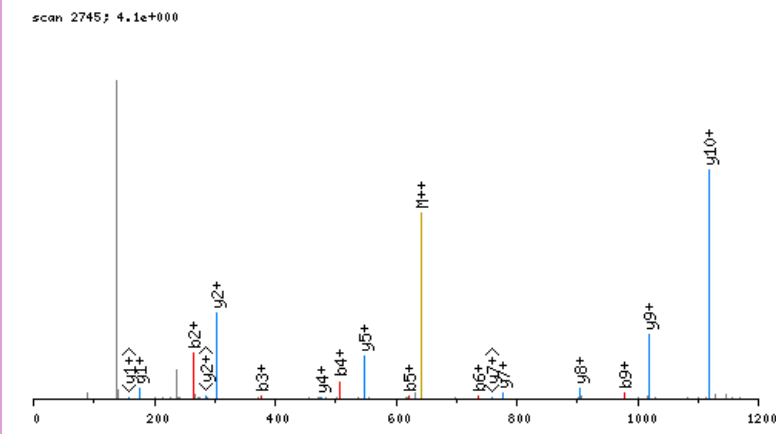
y + 2+ 3+

z + 2+ 3+

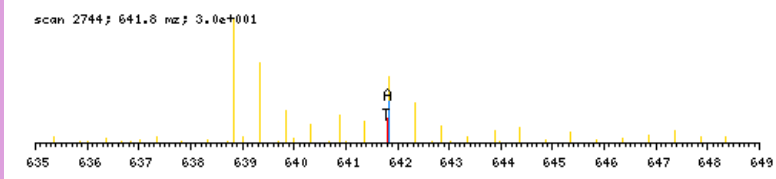
hide H₂O/NH₃

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⁺
166.1114	1	M 11		
265.1798	2	V 10	1117.5126	559.2602
378.2639	3	I 9	1018.4441	509.7260
507.3065	4	E 8	905.3601	453.1840
621.3494	5	N 7	776.3175	388.6627
736.3763	6	D 6	662.2746	331.6412
807.4134	7	A 5	547.2476	274.1277
864.4349	8	G 4	476.2105	238.6092
979.4618	9	D 3	419.1890	210.0984
1108.5044	10	E 2	304.1621	152.5850
	11	R 1	175.1195	88.0637

N-term:+35.07

MWNEHLGYVLTCPNLGTGLR, MH+ 2452.2329, m/z 818.0825
 H OSG39 P180811 230811-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+

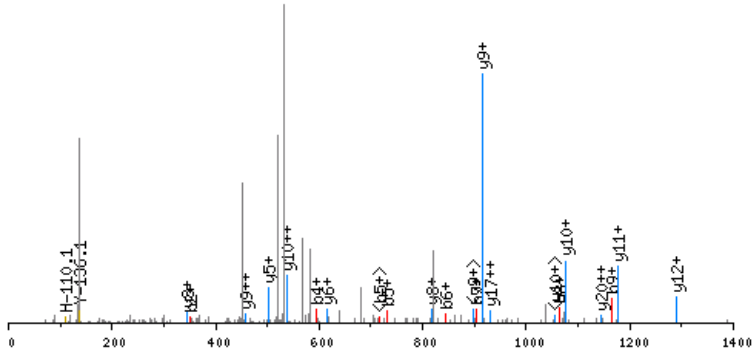
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

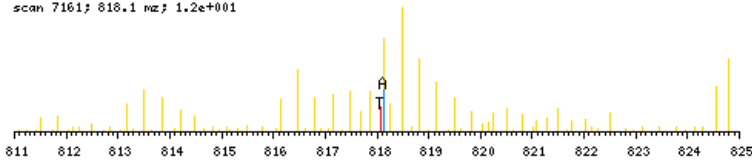
GO

scan 7165; 1.5e+000



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

scan 7161; 818.1 m/z; 1.2e+001



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

b ⁺	#	AA	#	y ⁺	y ²⁺
166.1114	1	M	21		
352.1907	2	W	20	2287.1293	1144.0686
466.2336	3	N	19	2101.0500	1051.0289
595.2762	4	E	18	1987.0071	994.0074
732.3351	5	H	17	1857.9645	929.4862
845.4192	6	L	16	1720.9056	860.9567
902.4407	7	G	15	1607.8215	804.4147
1065.5040	8	Y	14	1550.8000	775.9039
1164.5724	9	V	13	1387.7367	694.3723
1277.6565	10	L	12	1288.6683	644.8381
1378.7041	11	T	11	1175.5842	588.2960
1538.7347	12	C	10	1074.5366	537.7722
1635.7875	13	P	9	914.5060	457.7569
1722.8195	14	S	8	817.4532	409.2305
1836.8625	15	N	7	730.4212	365.7145
1949.9465	16	L	6	616.3782	308.6930
2006.9680	17	G	5	503.2942	252.1510
2108.0157	18	T	4	446.2727	223.6403
2165.0371	19	G	3	345.2250	173.1164
2278.1212	20	L	2	288.2036	144.6057
	21	R	1	175.1195	88.0637

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

NATEPVISFYDKR, MH+ 1607.9069, m/z 536.6405
 H OSG40 P180811 230811-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+

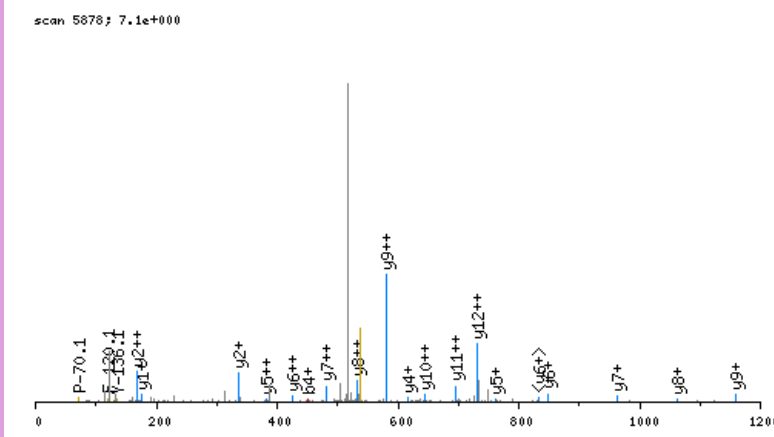
y + 2+ 3+

z + 2+ 3+

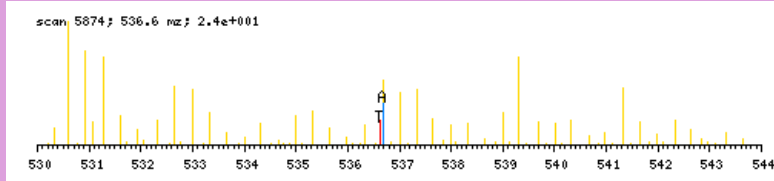
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 OSG38 P180811 230811-s1.03023.03023.2.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+

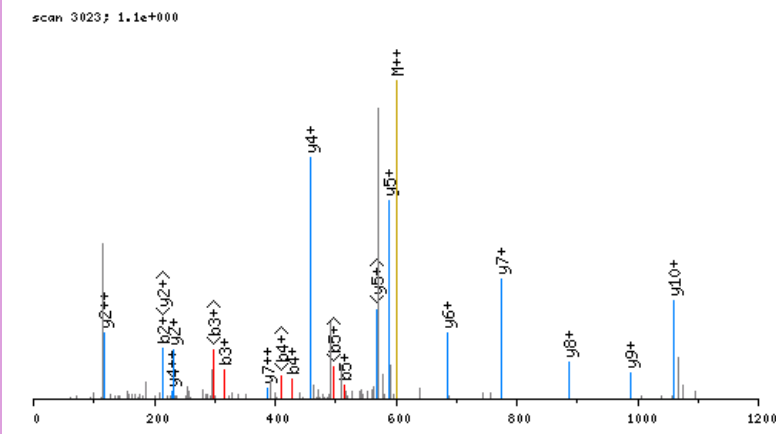
y + 2+ 3+

z + 2+ 3+

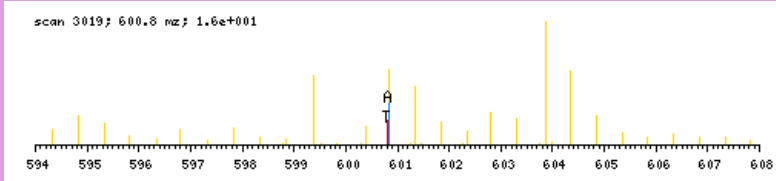
hide H₂O/NH₃

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

NDVITVQTPAFAESVTEGDVR, MH+ 2276.1410, m/z 759.3852
 L OSG37 P180811 230811-s1.07616.07616.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

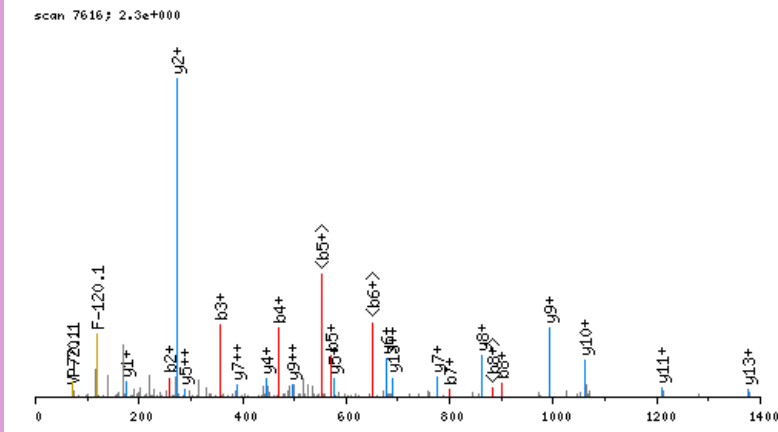
y + 2+ 3+

z + 2+ 3+

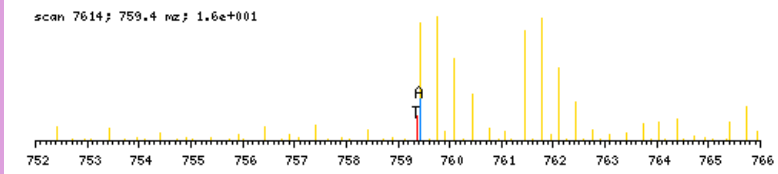
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	21		
258.1090	2	D	20	2134.0668	1067.5373
357.1774	3	V	19	2019.0399	1010.0238
470.2614	4	I	18	1919.9714	960.4896
571.3091	5	T	17	1806.8874	903.9476
670.3775	6	V	16	1705.8397	853.4238
798.4361	7	Q	15	1606.7713	803.8896
899.4838	8	T	14	1478.7127	739.8603
996.5366	9	P	13	1377.6650	689.3364
1067.5737	10	A	12	1280.6123	640.8100
1214.6421	11	F	11	1209.5752	605.2915
1285.6792	12	A	10	1062.5067	531.7573
1414.7218	13	E	9	991.4696	496.2387
1501.7538	14	S	8	862.4270	431.7174
1600.8222	15	V	7	775.3950	388.2014
1701.8699	16	T	6	676.3266	338.6672
1830.9125	17	E	5	575.2789	288.1434
1887.9340	18	G	4	446.2363	223.6221
2002.9609	19	D	3	389.2149	195.1113
2102.0293	20	V	2	274.1879	137.5979
	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+

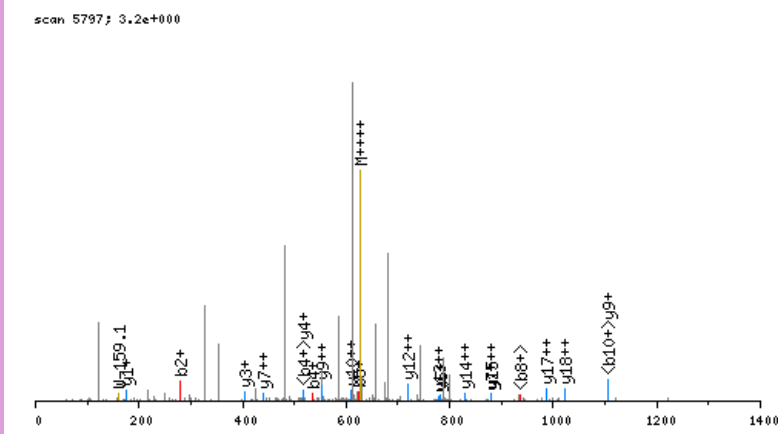
y + 2+ 3+

z + 2+ 3+

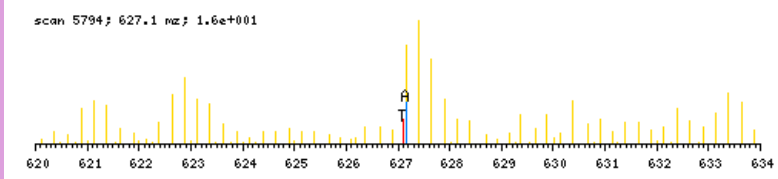
hide H₂O/NH₃

zoom 112-122

GO



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



b ⁺	#	AA #	y ⁺	y ²⁺
149.1138	1	N 21		
278.1564	2	E 20	2357.2626	1179.1352
464.2357	3	W 19	2228.2200	1114.6139
535.2728	4	A 18	2042.1406	1021.5742
622.3049	5	S 17	1971.1035	986.0557
750.3635	6	Q 16	1884.0715	942.5397
851.4111	7	T 15	1756.0129	878.5104
952.4588	8	T 14	1654.9652	827.9865
1067.4858	9	D 13	1553.9176	777.4627
1124.5072	10	G 12	1438.8906	719.9492
1286.6653	11	K 11	1381.8692	691.4385
1399.7494	12	L 10	1219.7111	610.3594
1496.8021	13	P 9	1106.6270	553.8174
1625.8447	14	E 8	1009.5742	505.2910
1724.9132	15	V 7	880.5316	440.7697
1825.9608	16	T 6	781.4632	391.2355
1988.1189	17	K 5	680.4156	340.7117
2103.1459	18	D 4	518.2575	259.6326
2202.2143	19	V 3	403.2305	202.1192
2331.2569	20	E 2	304.1621	152.5850
	21	R 1	175.1195	88.0637

N-term:+35.07 K(11):+162.16
K(17):+162.16

NFGPTGIGFGLTQQVEKK, MH+ 2062.1337, m/z 688.0494
 L OSG39 P180811 230811-s1.06204.06204.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

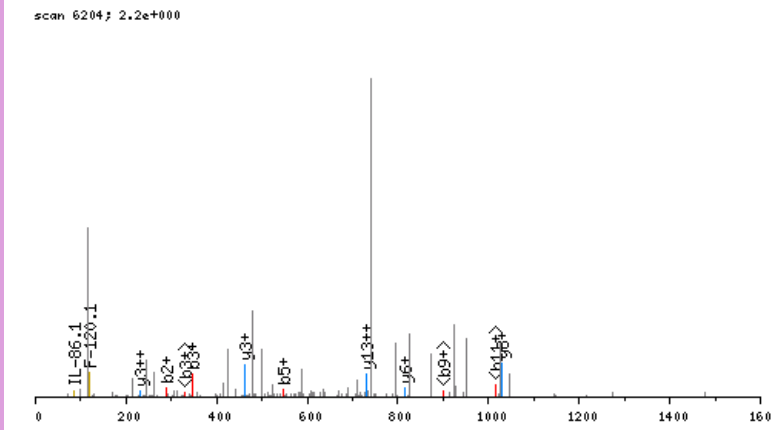
y + 2+ 3+

z + 2+ 3+

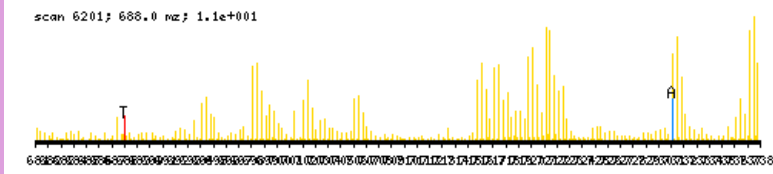
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	19		
290.1504	2	F	18	1920.0595	960.5337
347.1719	3	G	17	1772.9911	886.9995
444.2247	4	P	16	1715.9697	858.4887
545.2723	5	T	15	1618.9169	809.9624
602.2938	6	G	14	1517.8692	759.4385
715.3779	7	I	13	1460.8478	730.9278
772.3993	8	G	12	1347.7637	674.3858
919.4678	9	F	11	1290.7422	645.8750
976.4892	10	G	10	1143.6738	572.3408
1033.5107	11	G	9	1086.6524	543.8301
1146.5947	12	L	8	1029.6309	515.3194
1247.6424	13	T	7	916.5468	458.7773
1375.7010	14	Q	6	815.4992	408.2535
1503.7596	15	Q	5	687.4406	344.2242
1602.8280	16	V	4	559.3820	280.1949
1731.8706	17	E	3	460.3136	230.6607
1887.9969	18	K	2	331.2710	166.1394
	19	K	1	175.1447	88.0763

N-term: +29.04 K(18): +156.13
 K(19): +156.13

NIVLTQSPASLAVSLGQR, MH+ 1882.0762, m/z 628.0302
 L OSG37 P180811 230811-s1.08081.08081.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

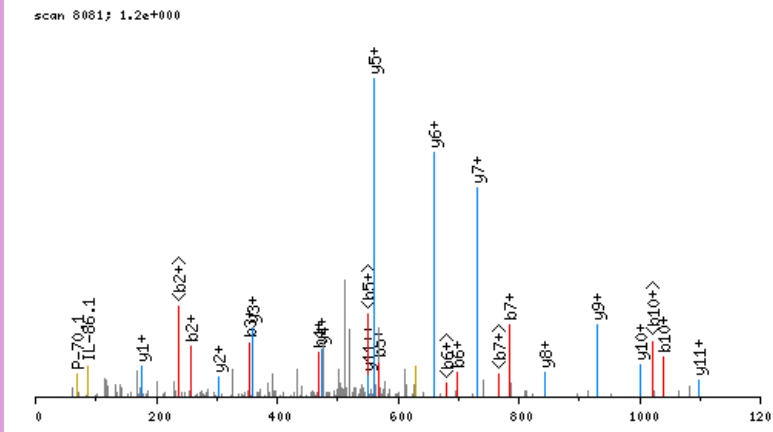
y + 2+ 3+

z + 2+ 3+

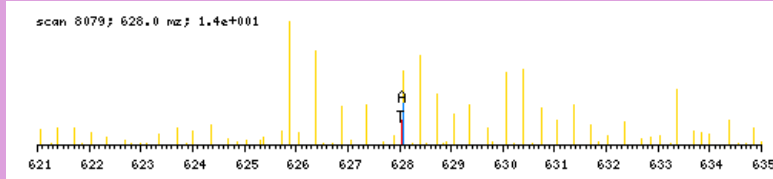
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 18		
256.1661	2	I 17	1740.0020	870.5049
355.2345	3	V 16	1626.9179	813.9629
468.3186	4	L 15	1527.8495	764.4287
569.3662	5	T 14	1414.7654	707.8866
697.4248	6	Q 13	1313.7177	657.3628
784.4569	7	S 12	1185.6592	593.3335
881.5096	8	P 11	1098.6271	549.8175
952.5467	9	A 10	1001.5744	501.2911
1039.5788	10	S 9	930.5373	465.7725
1152.6628	11	L 8	843.5052	422.2565
1223.6999	12	A 7	730.4212	365.7145
1322.7684	13	V 6	659.3840	330.1959
1409.8004	14	S 5	560.3156	280.6617
1522.8844	15	L 4	473.2836	237.1457
1579.9059	16	G 3	360.1995	180.6037
1707.9645	17	Q 2	303.1781	152.0930
	18	R 1	175.1195	88.0637

N-term:+29.04

NIVMTQSPKSMMSVGER, MH+ 2038.0135, m/z 680.0094
 L OSG39 P180811 230811-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+

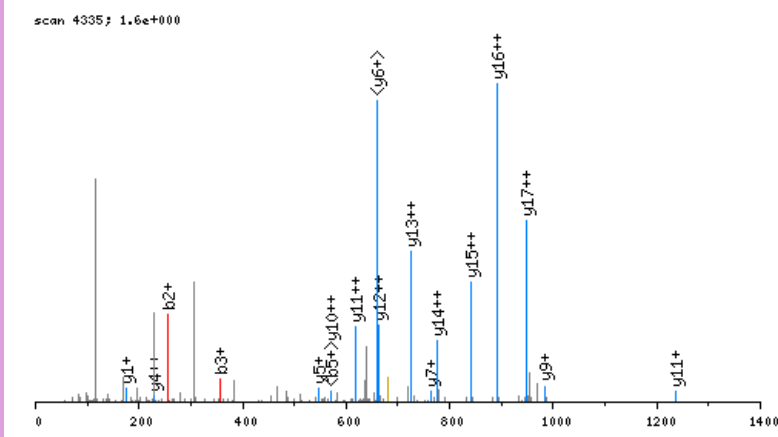
y + 2+ 3+

z + 2+ 3+

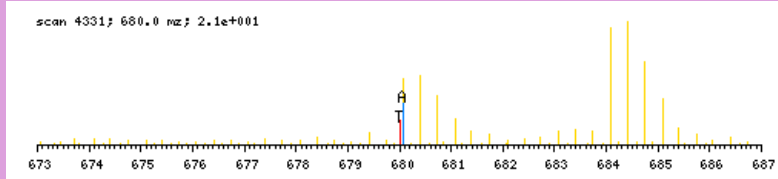
hide H₂O/NH₃

zoom 112-122

GO



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



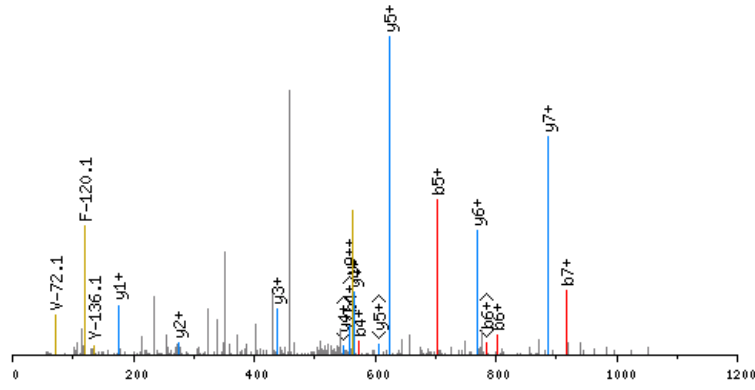
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
143.0820	1	N 18		
256.1661	2	I 17	1895.9393	948.4736
355.2345	3	V 16	1782.8553	891.9315
486.2750	4	M 15	1683.7869	842.3973
587.3227	5	T 14	1552.7464	776.8771
715.3812	6	Q 13	1451.6987	726.3533
802.4133	7	S 12	1323.6401	662.3240
899.4660	8	P 11	1236.6081	618.8080
1055.5923	9	K 10	1139.5553	570.2816
1142.6244	10	S 9	983.4290	492.2184
1273.6649	11	M 8	896.3970	448.7024
1360.6969	12	S 7	765.3565	383.1822
1491.7374	13	M 6	678.3245	339.6662
1578.7694	14	S 5	547.2840	274.1459
1677.8378	15	V 4	460.2520	230.6299
1734.8593	16	G 3	361.1836	181.0957
1863.9019	17	E 2	304.1621	152.5850
	18	R 1	175.1195	88.0637

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

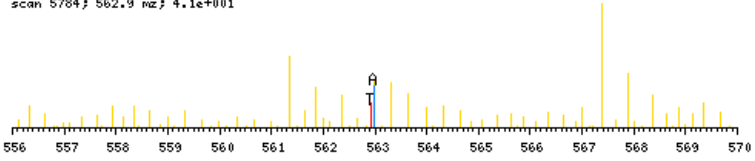
NKDCEVDFGEYVR, MH+ 1686.7797, m/z 562.9314
 L OSG40 P180811 230811-s1.05787.05787.3.dta

scan 5787; 1.9e+000



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

scan 5784; 562.9 m/z; 4.1e+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

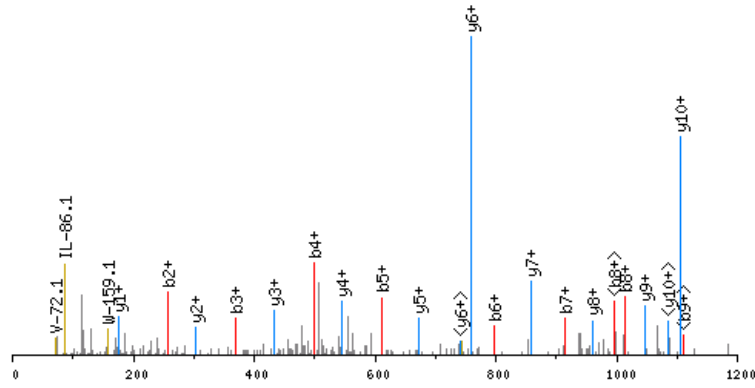
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
143.0820	1	N	13		
299.2083	2	K	12	1544.7055	772.8567
414.2353	3	D	11	1388.5792	694.7935
574.2659	4	C	10	1273.5523	637.2800
703.3085	5	E	9	1113.5217	557.2647
802.3769	6	V	8	984.4791	492.7434
917.4038	7	D	7	885.4107	443.2092
1064.4722	8	F	6	770.3837	385.6958
1121.4937	9	G	5	623.3153	312.1616
1250.5363	10	E	4	566.2938	283.6508
1413.5996	11	Y	3	437.2512	219.1295
1512.6680	12	V	2	274.1879	137.5979
	13	R	1	175.1195	88.0637

N-term:+29.04 K(2):+156.13
 C(4):+160.03

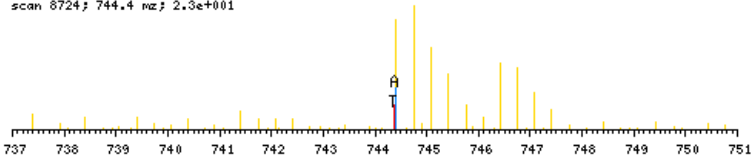
NLLENWDTLGSIVSGLQER, MH+ 2231.1308, m/z 744.3818
 L OSG37 P180811 230811-s1.08727.08727.3.dta

scan 8727; 1.2e+000



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

scan 8724; 744.4 m/z; 2.3e+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

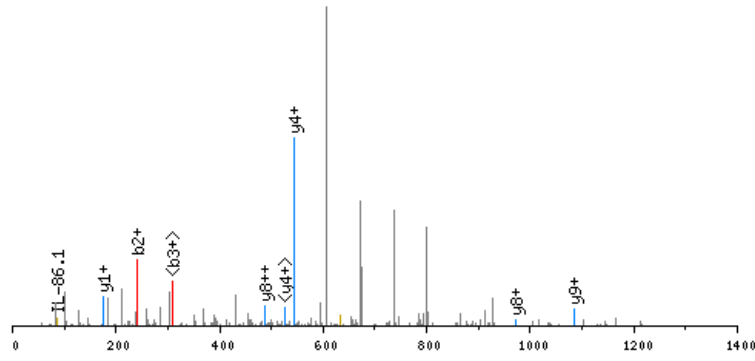
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
143.0820	1	N	19		
256.1661	2	L	18	2089.0566	1045.0322
369.2502	3	L	17	1975.9725	988.4902
498.2927	4	E	16	1862.8884	931.9481
612.3357	5	N	15	1733.8459	867.4268
798.4150	6	W	14	1619.8029	810.4054
913.4419	7	D	13	1433.7236	717.3657
1014.4896	8	T	12	1318.6967	659.8522
1127.5737	9	L	11	1217.6490	609.3284
1184.5951	10	G	10	1104.5649	552.7864
1271.6272	11	S	9	1047.5435	524.2756
1372.6748	12	T	8	960.5114	480.7596
1471.7433	13	V	7	859.4638	430.2358
1558.7753	14	S	6	760.3953	380.7016
1686.8339	15	Q	5	673.3633	337.1856
1799.9179	16	L	4	545.3047	273.1563
1927.9765	17	Q	3	432.2207	216.6142
2057.0191	18	E	2	304.1621	152.5850
	19	R	1	175.1195	88.0637

N-term:+29.04

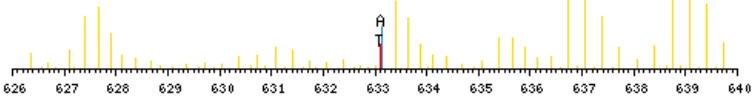
NPSGVFHFMOQLALLMSPVKNR, MH+ 2529.3474, m/z 633.0923
 L OSG39 P180811 230811-s1.05040.05040.4.dta

scan 5040; 2.8e+000



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

scan 5036; 633.1 m/z; 3.8e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
143.0820	1	N 22		
240.1348	2	P 21	2387.2732	1194.1405
327.1668	3	S 20	2290.2205	1145.6141
384.1883	4	G 19	2203.1884	1102.0981
483.2567	5	V 18	2146.1670	1073.5874
630.3251	6	F 17	2047.0986	1024.0532
767.3840	7	H 16	1900.0301	950.5190
914.4524	8	F 15	1762.9712	881.9895
1045.4929	9	M 14	1615.9028	808.4553
1173.5515	10	Q 13	1484.8623	742.9351
1260.5835	11	S 12	1356.8038	678.9058
1373.6676	12	L 11	1269.7717	635.3898
1444.7047	13	A 10	1156.6877	578.8477
1557.7888	14	L 9	1085.6505	543.3292
1670.8728	15	L 8	972.5665	486.7872
1801.9133	16	M 7	859.4824	430.2451
1888.9453	17	S 6	728.4419	364.7249
1985.9981	18	P 5	641.4099	321.2089
2085.0665	19	V 4	544.3571	272.6825
2241.1928	20	K 3	445.2887	223.1483
2355.2358	21	N 2	289.1624	145.0851
	22	R 1	175.1195	88.0637

N-term:+29.04 K(20):+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

NPVDDICIAPR, MH+ 1453.7837, m/z 485.2661
 L OSG40 P180811 230811-s1.05260.05260.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

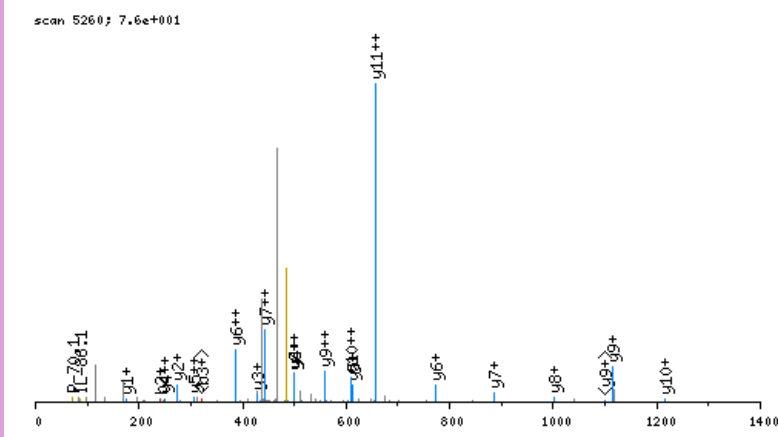
y + 2+ 3+

z + 2+ 3+

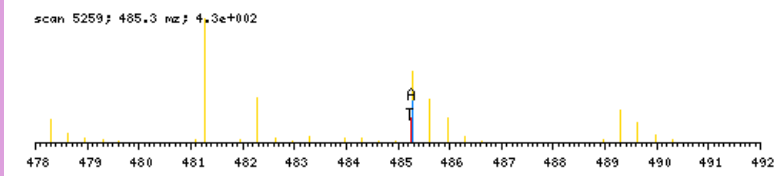
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

NSLGSVPQADVFFR, MH+ 1677.8600, m/z 559.9582
 L OSG37 P180811 230811-s1.07231.07231.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

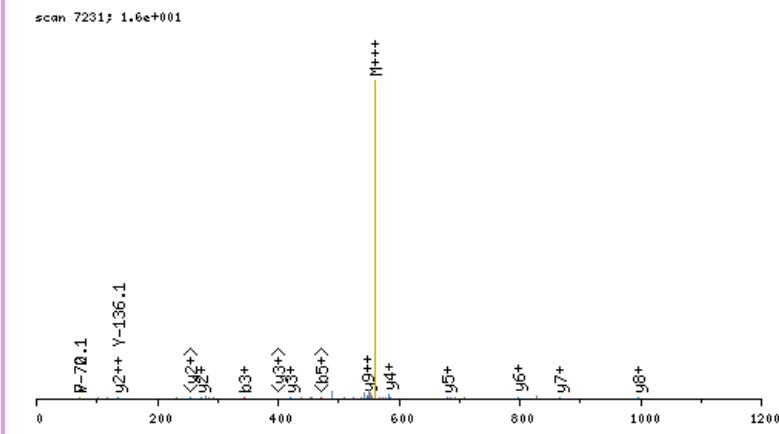
y + 2+ 3+

z + 2+ 3+

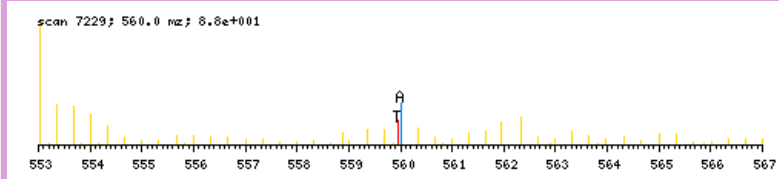
hide H₂O/NH₃

zoom 112-122

GO



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



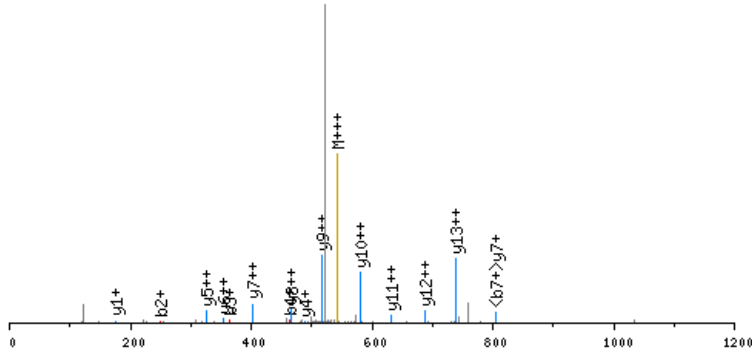
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
143.0820	1	N 15		
230.1141	2	S 14	1535.7858	768.3968
343.1981	3	L 13	1448.7538	724.8808
400.2196	4	G 12	1335.6697	668.3388
487.2516	5	S 11	1278.6483	639.8280
584.3044	6	P 10	1191.6162	596.3120
683.3728	7	V 9	1094.5635	547.7856
811.4314	8	Q 8	995.4951	498.2514
882.4685	9	A 7	867.4365	434.2222
997.4954	10	D 6	796.3994	398.7036
1096.5638	11	V 5	681.3724	341.1901
1259.6272	12	Y 4	582.3040	291.6559
1406.6956	13	F 3	419.2407	210.1243
1503.7483	14	P 2	272.1723	136.5900
	15	R 1	175.1195	88.0637

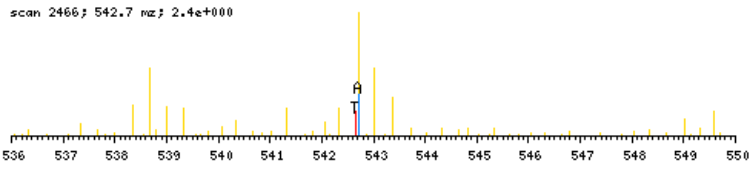
N-term:+29.04

NTDVETQPGKTVIR, MH+ 1625.9499, m/z 542.6548
 H OSG39 P180811 230811-s1.02468.02468.3.dta

scan 2468; 6.9e+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⁺
149.1138	1	N	14		
250.1615	2	T	13	1477.8439	739.4258
365.1884	3	D	12	1376.7962	688.9020
464.2569	4	V	11	1261.7692	631.3885
593.2995	5	E	10	1162.7008	581.8543
694.3471	6	T	9	1033.6582	517.3330
822.4057	7	Q	8	932.6106	466.8092
919.4585	8	P	7	804.5520	402.7799
976.4799	9	G	6	707.4992	354.2535
1138.6380	10	K	5	650.4778	325.7428
1239.6857	11	T	4	488.3197	244.6637
1338.7541	12	V	3	387.2720	194.1399
1451.8382	13	I	2	288.2036	144.6057
	14	R	1	175.1195	88.0637

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

NVQDGPDFQDR, MH+ 1318.6027, m/z 659.8050
 L OSG38 P180811 230811-s1.02961.02961.2.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+

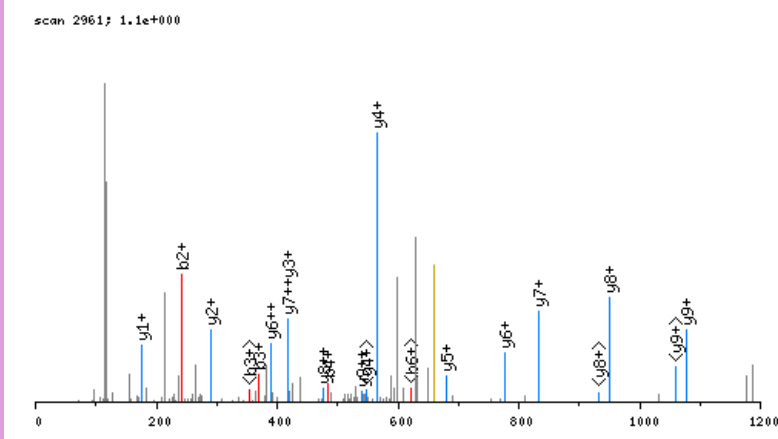
y + 2+ 3+

z + 2+ 3+

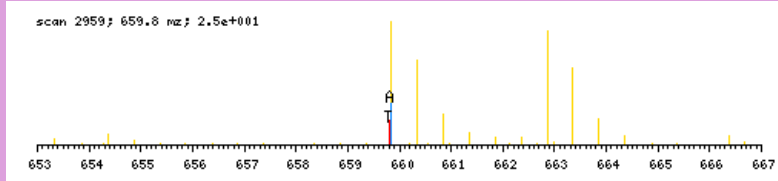
hide H₂O/NH₃

zoom 112-122

GO



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

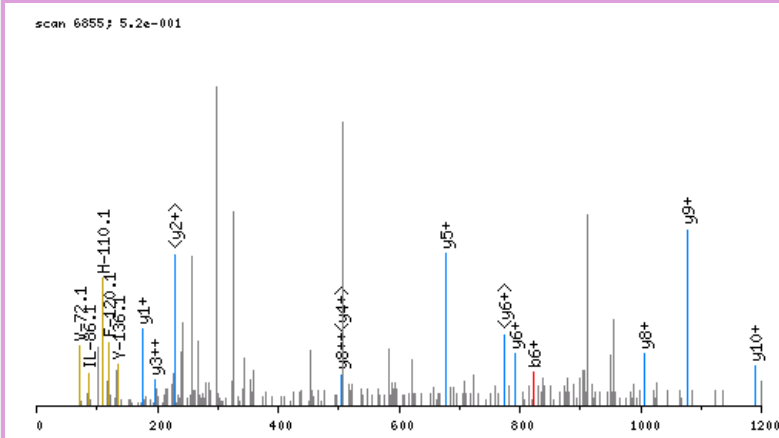


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

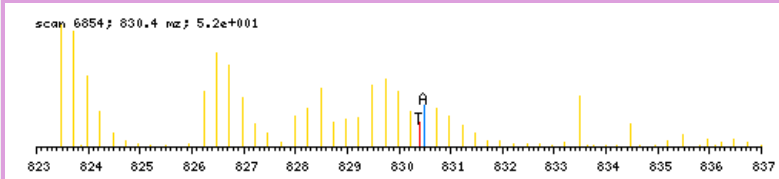
b ⁺	#	AA #	y ⁺	y ²⁺
143.0820	1	N 11		
242.1504	2	V 10	1176.5285	588.7682
370.2090	3	Q 9	1077.4601	539.2340
485.2360	4	D 8	949.4015	475.2047
542.2574	5	G 7	834.3746	417.6912
639.3102	6	P 6	777.3531	389.1805
754.3371	7	D 5	680.3004	340.6541
901.4055	8	F 4	565.2734	283.1406
1029.4641	9	Q 3	418.2050	209.6064
1144.4911	10	D 2	290.1464	145.5771
	11	R 1	175.1195	88.0637

N-term:+29.04

QDFQFECIGDAETDDEISIAQLKEFAR, MH+ 3318.5476, m/z 830.3924
 L OSG38 P180811 230811-s1.06855.06855.4.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⁺
157.0977	1	Q 28		
272.1246	2	D 27	3162.4577	1581.7328
419.1930	3	F 26	3047.4308	1524.2193
547.2516	4	Q 25	2900.3624	1450.6851
694.3200	5	F 24	2772.3038	1386.6558
823.3626	6	E 23	2625.2354	1313.1216
983.3932	7	C 22	2496.1928	1248.6003
1096.4773	8	I 21	2336.1622	1168.5850
1153.4987	9	G 20	2223.0781	1112.0430
1268.5257	10	D 19	2166.0567	1083.5322
1339.5628	11	A 18	2051.0297	1026.0188
1468.6054	12	E 17	1979.9926	990.5002
1569.6531	13	T 16	1850.9500	925.9789
1684.6800	14	D 15	1749.9023	875.4551
1799.7070	15	D 14	1634.8754	817.9416
1928.7496	16	E 13	1519.8485	760.4281
2041.8336	17	I 12	1390.8059	695.9068
2128.8656	18	S 11	1277.7218	639.3648
2241.9497	19	I 10	1190.6898	595.8488
2312.9868	20	A 9	1077.6057	539.3068
2441.0454	21	Q 8	1006.5686	503.7882
2528.0774	22	S 7	878.5100	439.7589
2641.1615	23	L 6	791.4780	396.2429
2797.2878	24	K 5	678.3939	339.7009
2926.3304	25	E 4	522.2676	261.6377
3073.3988	26	F 3	393.2250	197.1164
3144.4359	27	A 2	246.1566	123.5822
	28	R 1	175.1195	88.0637

N-term:+29.04 C(7):+160.03
 K(24):+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

QDPDEEALRR, MH+ 1262.6553, m/z 421.5566
 H OSG40 P180811 230811-s1.02205.02205.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

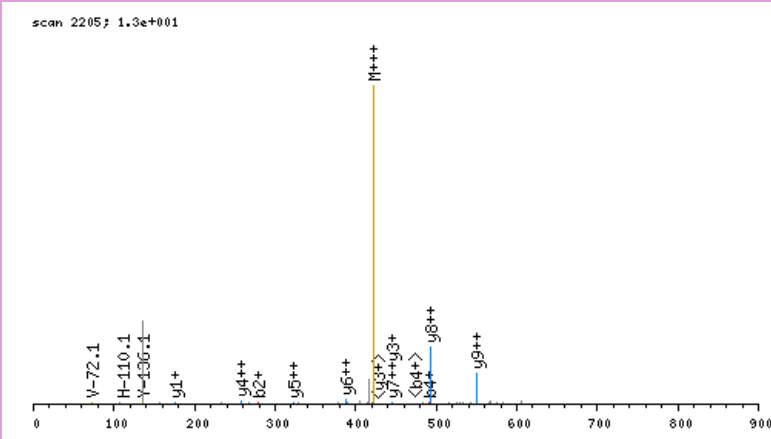
y + 2+ 3+

z + 2+ 3+

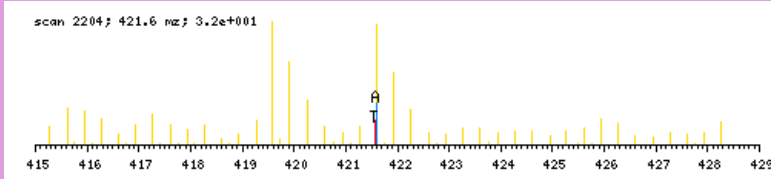
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	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

QDVYKIGGIGTVPVGR, MH+ 1714.9856, m/z 572.3334
 L OSG39 P180811 230811-s1.05045.05045.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

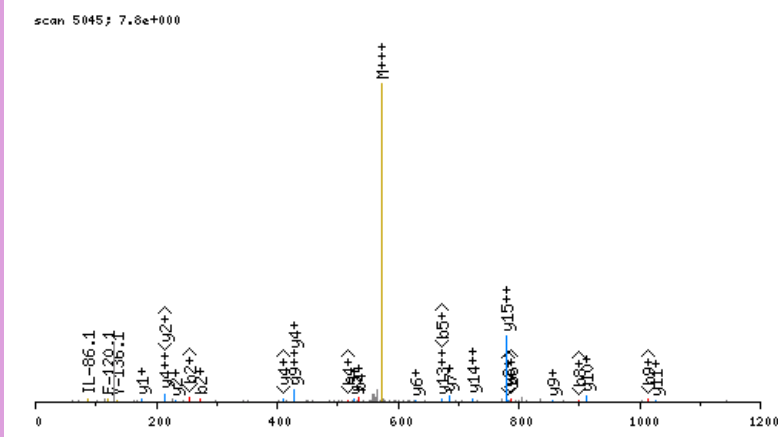
y + 2+ 3+

z + 2+ 3+

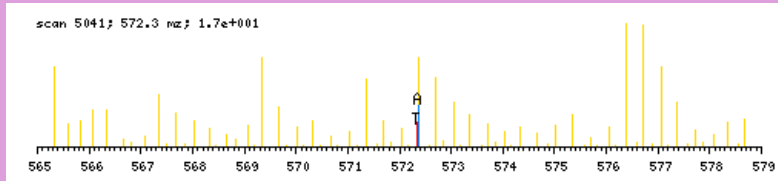
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
272.1246	2	D 15	1558.8957	779.9518
371.1930	3	V 14	1443.8688	722.4383
534.2564	4	Y 13	1344.8004	672.9041
690.3827	5	K 12	1181.7371	591.3724
803.4667	6	I 11	1025.6108	513.3093
860.4882	7	G 10	912.5267	456.7673
917.5097	8	G 9	855.5052	428.2565
1030.5937	9	I 8	798.4838	399.7458
1087.6152	10	G 7	685.3997	343.2038
1188.6629	11	T 6	628.3782	314.6930
1287.7313	12	V 5	527.3306	264.1692
1384.7840	13	P 4	428.2621	214.6350
1483.8525	14	V 3	331.2094	166.1086
1540.8739	15	G 2	232.1410	116.5744
	16	R 1	175.1195	88.0637

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

QEDIPEVSCIHNGLR, MH+ 1800.9126, m/z 600.9757
 H OSG39 P180811 230811-s1.04425.04425.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

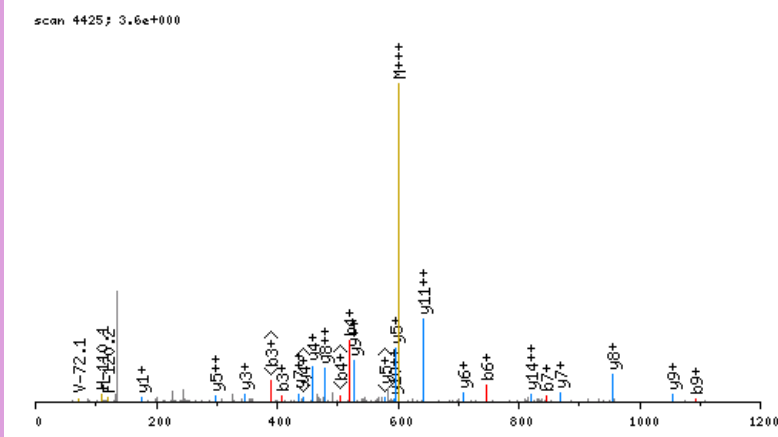
y + 2+ 3+

z + 2+ 3+

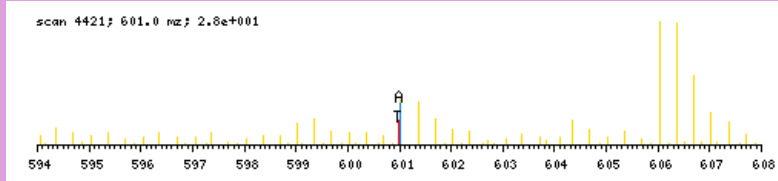
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	15	
292.1721	2	E	14	1638.7909
407.1990	3	D	13	1509.7483
520.2831	4	I	12	1394.7214
617.3358	5	P	11	1281.6373
746.3784	6	E	10	1184.5846
845.4468	7	V	9	1055.5420
932.4789	8	S	8	956.4736
1092.5095	9	C	7	869.4415
1205.5935	10	I	6	709.4109
1342.6525	11	H	5	596.3269
1456.6954	12	N	4	459.2680
1513.7168	13	G	3	345.2250
1626.8009	14	L	2	288.2036
	15	R	1	175.1195

N-term:+35.07 C(9):+160.03

QEFKEAFTVIDQNR, MH+ 1780.9234, m/z 594.3126
 L OSG40 P180811 230811-s1.06387.06387.3.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+

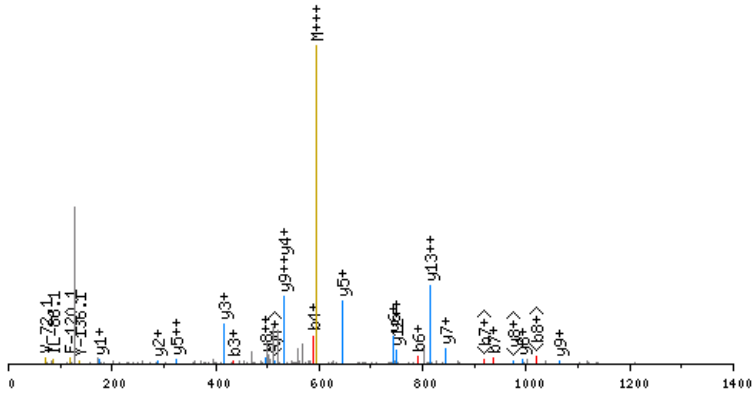
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

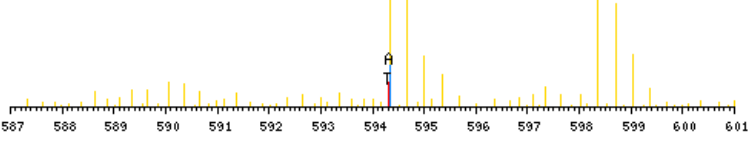
GO

scan 6387; 1.6e+001



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

scan 6384; 594.3 m/z; 3.9e+001



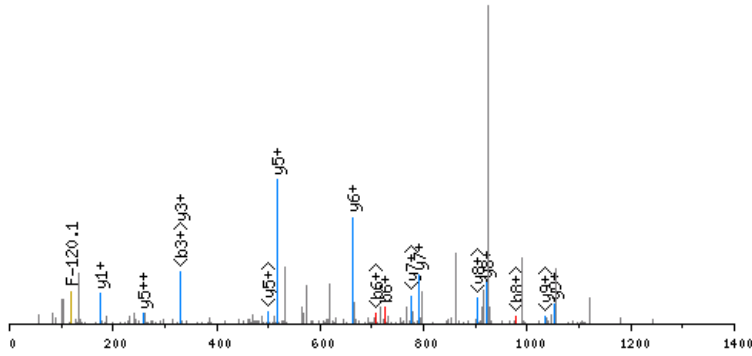
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

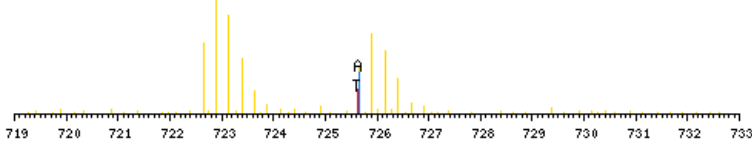
QEGDKVIRPGVSEQAGEEMEQFGQGVK, MH+ 2899.5008, m/z 725.6307
 H OSG40 P180811 230811-s1.06547.06547.4.dta

scan 6547; 2.1e+000



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

scan 6544; 725.6 m/z; 1.7e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
163.1295	1	Q 26		
292.1721	2	E 25	2737.3792	1369.1935
349.1935	3	G 24	2608.3366	1304.6722
464.2205	4	D 23	2551.3151	1276.1615
626.3786	5	K 22	2436.2882	1218.6480
725.4470	6	V 21	2274.1301	1137.5690
838.5311	7	I 20	2175.0617	1088.0348
994.6322	8	R 19	2061.9776	1031.4927
1091.6849	9	P 18	1905.8765	953.4422
1148.7064	10	G 17	1808.8237	904.9158
1247.7748	11	V 16	1751.8023	876.4050
1334.8068	12	S 15	1652.7339	826.8708
1462.8654	13	Q 14	1565.7018	783.3548
1533.9025	14	A 13	1437.6433	719.3255
1590.9240	15	G 12	1366.6061	683.8070
1719.9666	16	E 11	1309.5847	655.2963
1849.0092	17	E 10	1180.5421	590.7750
1980.0497	18	M 9	1051.4995	526.2537
2109.0923	19	E 8	920.4590	460.7334
2237.1508	20	Q 7	791.4164	396.2121
2384.2192	21	F 6	663.3578	332.1828
2441.2407	22	G 5	516.2894	258.6486
2569.2993	23	Q 4	459.2680	230.1379
2626.3208	24	G 3	331.2094	166.1086
2725.3892	25	V 2	274.1879	137.5979
	26	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+

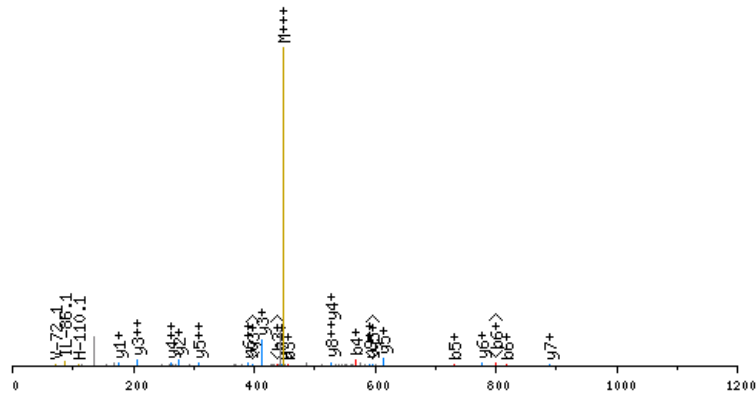
hide H₂O/NH₃

zoom 112-122

GO

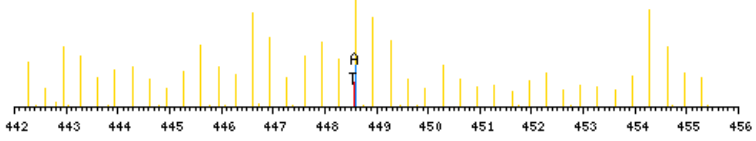
QEYIYSIHTR, MH+ 1343.7172, m/z 448.5772
 H OSG40 P180811 230811-s1.03731.03731.3.dta

scan 3731; 2.2e+001



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

scan 3729; 448.6 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⁺
163.1295	1	Q	10	
292.1721	2	E	9	1181.5955
455.2354	3	Y	8	1052.5529
568.3195	4	I	7	889.4896
731.3828	5	Y	6	776.4055
818.4148	6	S	5	613.3422
931.4989	7	I	4	526.3102
1068.5578	8	H	3	413.2261
1169.6055	9	T	2	276.1672
	10	R	1	175.1195

N-term:+35.07

QKTGTAEMSSILEER, MH+ 1735.8900, m/z 579.3015
 L OSG40 P180811 230811-s1.05293.05293.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

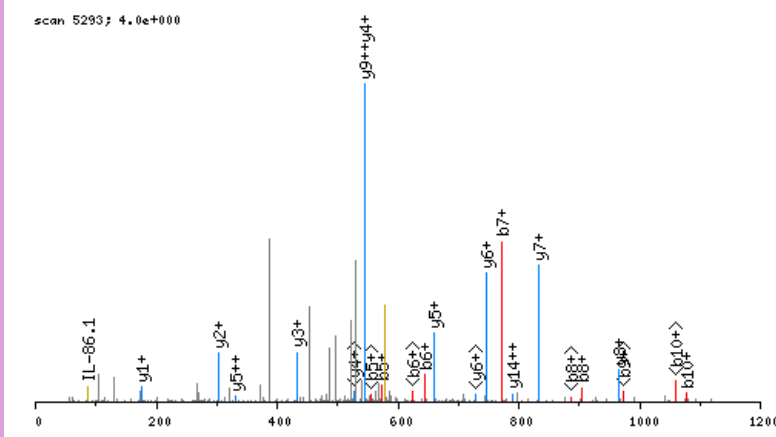
y + 2+ 3+

z + 2+ 3+

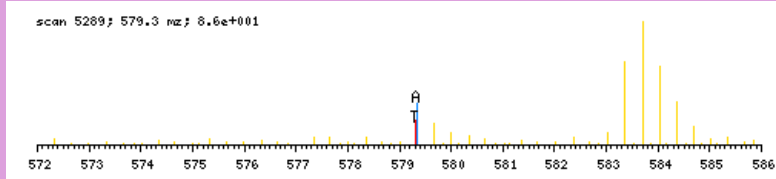
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 15		
313.2240	2	K 14	1579.8002	790.4040
414.2717	3	T 13	1423.6739	712.3409
471.2931	4	G 12	1322.6262	661.8170
572.3408	5	T 11	1265.6047	633.3063
643.3779	6	A 10	1164.5571	582.7824
772.4205	7	E 9	1093.5199	547.2639
903.4610	8	M 8	964.4774	482.7426
990.4930	9	S 7	833.4369	417.2223
1077.5250	10	S 6	746.4048	373.7063
1190.6091	11	I 5	659.3728	330.1903
1303.6932	12	L 4	546.2888	273.6483
1432.7358	13	E 3	433.2047	217.1063
1561.7784	14	E 2	304.1621	152.5850
	15	R 1	175.1195	88.0637

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

QLPPVVPVSKPGPLR, MH+ 1640.0263, m/z 547.3470
 L OSG39 P180811 230811-s1.04849.04849.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

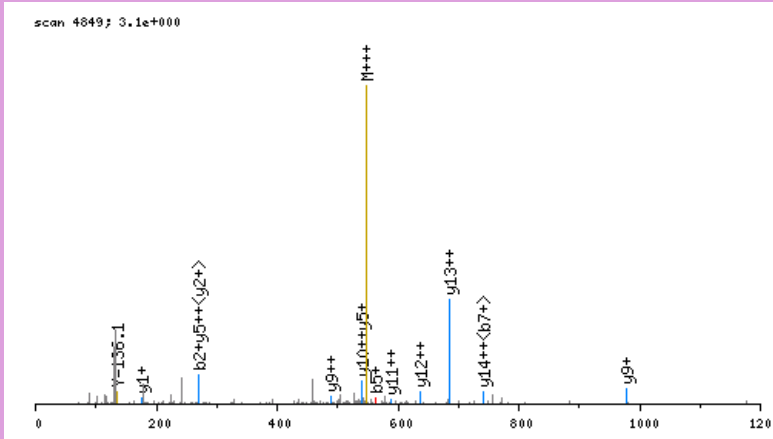
y + 2+ 3+

z + 2+ 3+

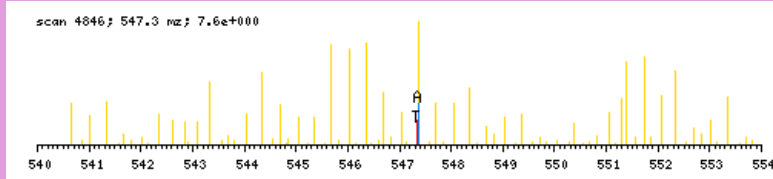
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	15	
270.1817	2	L	14	1483.9365
367.2345	3	P	13	1370.8524
464.2873	4	P	12	1273.7997
563.3557	5	V	11	1176.7469
662.4241	6	V	10	1077.6785
759.4769	7	P	9	978.6101
858.5453	8	V	8	881.5573
945.5773	9	S	7	782.4889
1101.7036	10	K	6	695.4569
1198.7564	11	P	5	539.3306
1255.7778	12	G	4	442.2778
1352.8306	13	P	3	385.2563
1465.9147	14	L	2	288.2036
	15	R	1	175.1195

N-term:+29.04 K(10):+156.13

QLVAVAYAIAGLVDSTIHTSCAFR, MH+ 2520.3284, m/z 630.8376
 L OSG40 P180811 230811-s1.05253.05253.4.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+

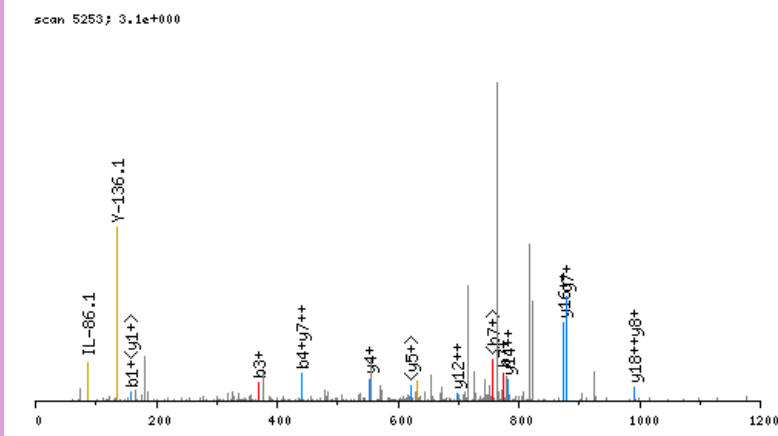
y + 2+ 3+

z + 2+ 3+

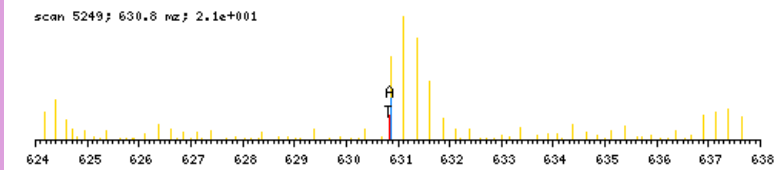
hide H₂O/NH₃

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	23	
270.1817	2	L	22	2364.2385
369.2502	3	V	21	2251.1545
440.2873	4	A	20	2152.0861
539.3557	5	V	19	2081.0489
610.3928	6	A	18	1981.9805
773.4561	7	Y	17	1910.9434
844.4932	8	A	16	1747.8801
957.5773	9	I	15	1676.8430
1014.5988	10	G	14	1563.7589
1127.6828	11	L	13	1506.7374
1226.7512	12	V	12	1393.6534
1341.7782	13	D	11	1294.5850
1428.8102	14	S	10	1179.5580
1529.8579	15	T	9	1092.5260
1642.9420	16	I	8	991.4783
1780.0009	17	H	7	878.3942
1881.0485	18	T	6	741.3353
1968.0806	19	S	5	640.2877
2128.1112	20	C	4	553.2556
2199.1483	21	A	3	393.2250
2346.2167	22	F	2	322.1879
	23	R	1	175.1195

N-term:+29.04 C(20):+160.03

QNCMSCGKCFSVTVR, MH+ 1889.8493, m/z 473.2178
 L OSG41 P180811 230811-s1.08495.08495.4.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+

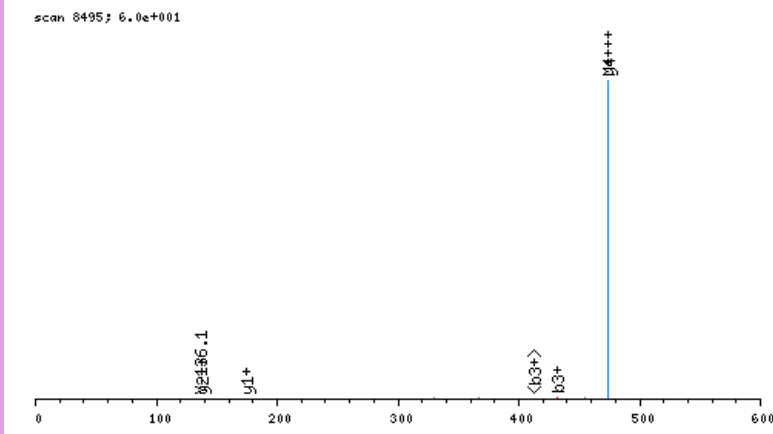
y + 2+ 3+

z + 2+ 3+

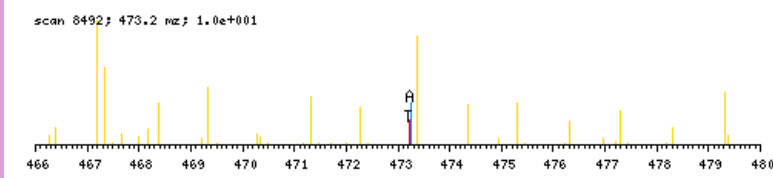
hide H₂O/NH₃

zoom 112-122

GO



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

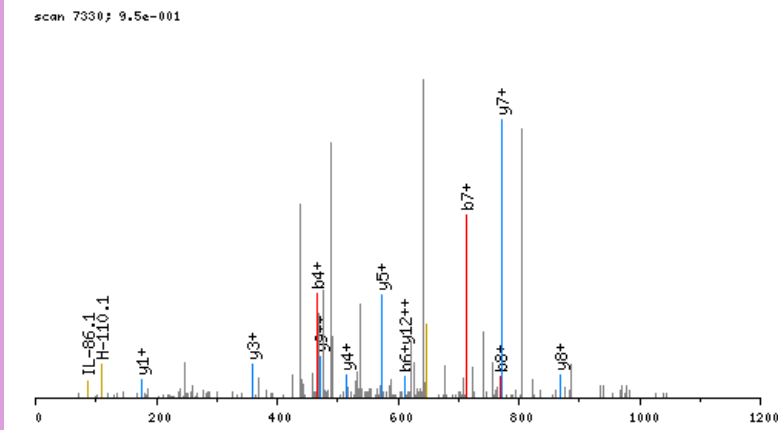


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

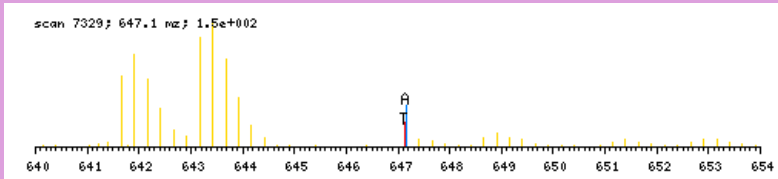
b ⁺	#	AA #	y ⁺	y ²⁺
157.0977	1	Q	15	
271.1406	2	N	14	1733.7595
431.1712	3	C	13	1619.7165
562.2117	4	M	12	1459.6859
649.2437	5	S	11	1328.6454
809.2743	6	C	10	1241.6134
866.2958	7	G	9	1081.5828
1022.4221	8	K	8	1024.5613
1182.4527	9	C	7	868.4350
1329.5211	10	F	6	708.4044
1416.5531	11	S	5	561.3360
1515.6215	12	V	4	474.3040
1616.6692	13	T	3	375.2356
1715.7376	14	V	2	274.1879
	15	R	1	175.1195

N-term:+29.04 C(3):+160.03
 C(6):+160.03 K(8):+156.13 C(9):+160.03

QPKGGSTGGAKTPLAPLAPSLGKPSR, MH+ 2585.5144, m/z 647.1340
 L_OSG38_P180811_230811-s1.07330.07330.4.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⁺
157.0977	1	Q	26		
254.1504	2	P	25	2429.4245	1215.2162
410.2767	3	K	24	2332.3718	1166.6898
467.2982	4	G	23	2176.2455	1088.6266
524.3197	5	G	22	2119.2240	1060.1159
611.3517	6	S	21	2062.2025	1031.6052
712.3994	7	T	20	1975.1705	988.0892
769.4208	8	G	19	1874.1228	937.5653
826.4423	9	G	18	1817.1014	909.0546
897.4794	10	A	17	1760.0799	880.5439
1053.6057	11	K	16	1689.0428	845.0253
1154.6534	12	T	15	1532.9165	766.9622
1251.7062	13	P	14	1431.8688	716.4383
1364.7902	14	L	13	1334.8160	667.9119
1435.8273	15	A	12	1221.7320	611.3699
1532.8801	16	P	11	1150.6949	575.8513
1645.9642	17	L	10	1053.6421	527.3250
1717.0013	18	A	9	940.5580	470.7829
1814.0540	19	P	8	869.5209	435.2644
1901.0861	20	S	7	772.4681	386.7380
2014.1701	21	L	6	685.4361	343.2220
2071.1916	22	G	5	572.3521	286.6799
2227.3179	23	K	4	515.3306	258.1692
2324.3707	24	P	3	359.2043	180.1061
2411.4027	25	S	2	262.1515	131.5797
	26	R	1	175.1195	88.0637

N-term:+29.04 K(3):+156.13
 K(11):+156.13 K(23):+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

QPPAPTTFSKR, MH+ 1285.7269, m/z 429.2471
 L OSG40 P180811 230811-s1.03798.03798.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

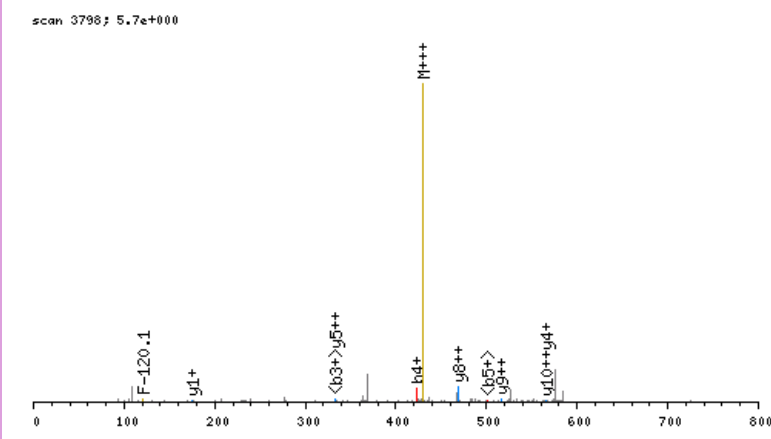
y + 2+ 3+

z + 2+ 3+

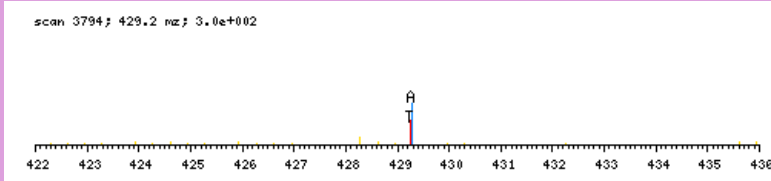
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	11	
254.1504	2	P	10	565.3224
351.2032	3	P	9	516.7960
422.2403	4	A	8	468.2697
519.2931	5	P	7	432.7511
620.3408	6	T	6	384.2247
721.3884	7	T	5	333.7009
868.4569	8	F	4	283.1770
955.4889	9	S	3	209.6428
1111.6152	10	K	2	166.1268
	11	R	1	88.0637

N-term:+29.04 K(10):+156.13

QPSPSQSSDSQVHSGVQVEGR, MH+ 2224.0594, m/z 742.0247
 L OSG39 P180811 230811-s1.02258.02258.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

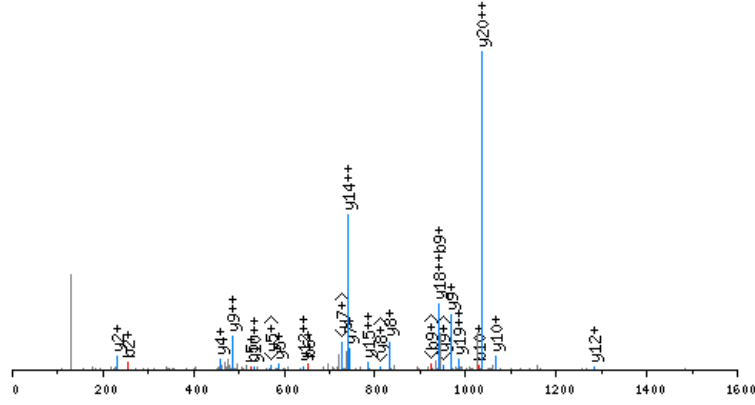
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

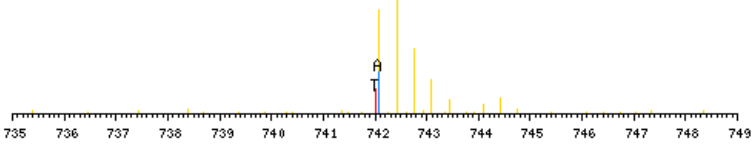
GO

scan 2258; 4.0e+000



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

scan 2257; 742.0 mz; 6.2e+000



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

b ⁺	#	AA	#	y ⁺	y ²⁺
157.0977	1	Q	21		
254.1504	2	P	20	2067.9695	1034.4887
341.1825	3	S	19	1970.9168	985.9623
438.2352	4	P	18	1883.8848	942.4463
525.2673	5	S	17	1786.8320	893.9199
653.3258	6	Q	16	1699.8000	850.4039
740.3579	7	S	15	1571.7414	786.3746
827.3899	8	S	14	1484.7094	742.8586
942.4168	9	D	13	1397.6773	699.3426
1029.4489	10	S	12	1282.6504	641.8291
1157.5074	11	Q	11	1195.6184	598.3131
1256.5759	12	V	10	1067.5598	534.2838
1393.6348	13	H	9	968.4914	484.7496
1480.6668	14	S	8	831.4325	416.2201
1537.6883	15	G	7	744.4004	372.7041
1636.7567	16	V	6	687.3790	344.1934
1764.8153	17	Q	5	588.3105	294.6592
1863.8837	18	V	4	460.2520	230.6299
1992.9263	19	E	3	361.1836	181.0957
2049.9477	20	G	2	232.1410	116.5744
	21	R	1	175.1195	88.0637

N-term:+29.04

QSASGAPVLLR, MH+ 1126.6584, m/z 563.8328
 L OSG37 P180811 230811-s1.03815.03815.2.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+

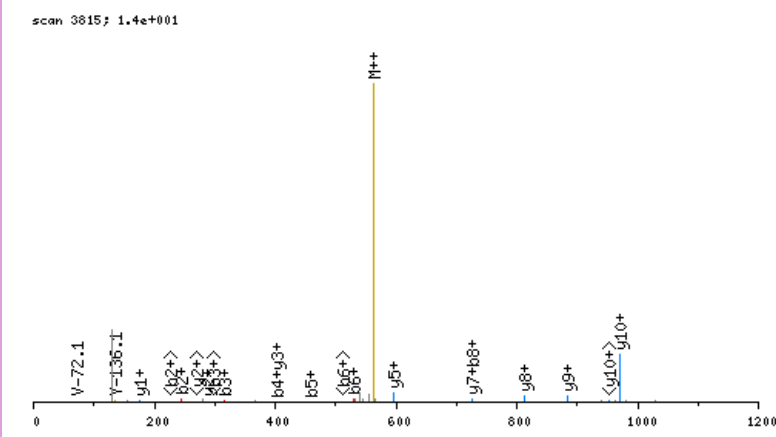
y + 2+ 3+

z + 2+ 3+

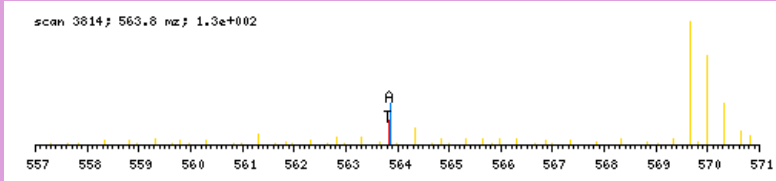
hide H₂O/NH₃

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⁺
157.0977	1	Q	11	
244.1297	2	S	10	970.5686
315.1668	3	A	9	883.5365
402.1988	4	S	8	812.4994
459.2203	5	G	7	725.4674
530.2574	6	A	6	668.4459
627.3102	7	P	5	597.4088
726.3786	8	V	4	500.3560
839.4627	9	L	3	401.2876
952.5467	10	L	2	288.2036
	11	R	1	175.1195

N-term: +29.04

QSNVDELGCSHLGQSYESR, MH+ 2193.9834, m/z 731.9993
 L OSG40 P180811 230811-s1.04692.04692.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

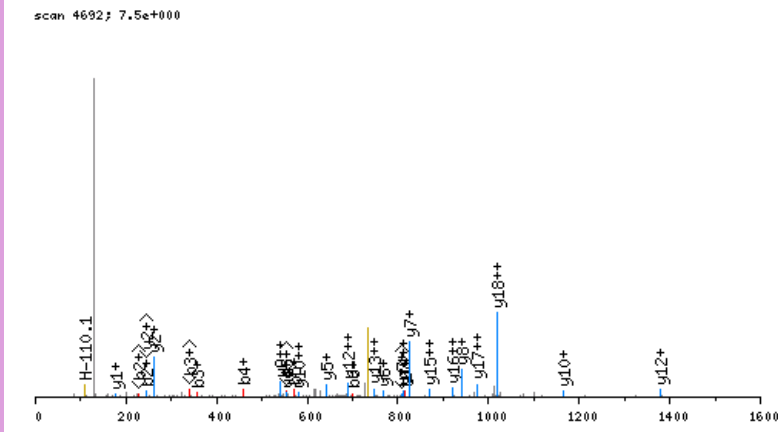
y + 2+ 3+

z + 2+ 3+

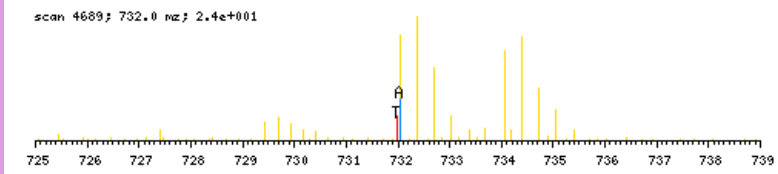
hide H₂O/NH₃

zoom 112-122

GO



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



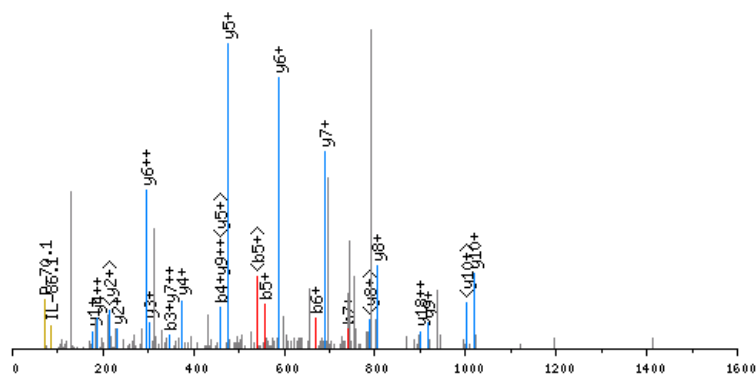
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
157.0977	1	Q	19		
244.1297	2	S	18	2037.8936	1019.4507
358.1726	3	N	17	1950.8615	975.9347
457.2410	4	V	16	1836.8186	918.9132
572.2680	5	D	15	1737.7502	869.3790
701.3106	6	E	14	1622.7232	811.8655
814.3946	7	L	13	1493.6807	747.3442
871.4161	8	G	12	1380.5966	690.8022
1031.4467	9	C	11	1323.5751	662.2915
1118.4787	10	S	10	1163.5445	582.2762
1255.5377	11	H	9	1076.5125	538.7602
1368.6217	12	L	8	939.4536	470.2307
1425.6432	13	G	7	826.3695	413.6887
1553.7018	14	Q	6	769.3481	385.1779
1640.7338	15	S	5	641.2895	321.1487
1803.7971	16	Y	4	554.2575	277.6326
1932.8397	17	E	3	391.1941	196.1010
2019.8717	18	S	2	262.1515	131.5797
	19	R	1	175.1195	88.0637

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

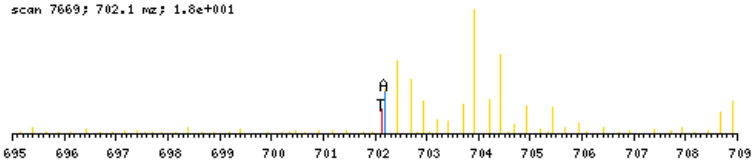
QSTLVIAEHANDSLAPITLNTITAAGR, MH+ 2805.5110, m/z 702.1332
 L OSG38 P180811 230811-s1.07670.07670.4.dta

scan 7670; 8.2e-001



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

scan 7669; 702.1 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⁺
157.0977	1	Q	27	
244.1297	2	S	26	2649.4212 1325.2145
345.1774	3	T	25	2562.3891 1281.6985
458.2614	4	L	24	2461.3415 1231.1746
557.3299	5	V	23	2348.2574 1174.6326
670.4139	6	I	22	2249.1890 1125.0984
741.4510	7	A	21	2136.1049 1068.5564
870.4936	8	E	20	2065.0678 1033.0378
1007.5525	9	H	19	1936.0252 968.5165
1078.5897	10	A	18	1798.9663 899.9871
1192.6326	11	N	17	1727.9292 864.4685
1307.6595	12	D	16	1613.8863 807.4470
1394.6916	13	S	15	1498.8593 749.9336
1507.7756	14	L	14	1411.8273 706.4176
1578.8127	15	A	13	1298.7432 649.8755
1675.8655	16	P	12	1227.7061 614.3570
1788.9496	17	I	11	1130.6533 565.8306
1889.9972	18	T	10	1017.5693 509.2886
2003.0813	19	L	9	916.5216 458.7647
2117.1242	20	N	8	803.4375 402.2227
2218.1719	21	T	7	689.3946 345.2012
2331.2560	22	I	6	588.3469 294.6774
2432.3037	23	T	5	475.2629 238.1353
2503.3408	24	A	4	374.2152 187.6115
2574.3779	25	A	3	303.1781 152.0930
2631.3993	26	G	2	232.1410 116.5744
	27	R	1	175.1195 88.0637

N-term:+29.04

QSVSESLKAVLLQSPPPCISQWR, MH+ 2678.4975, m/z 670.3798
 H OSG39 P180811 230811-s1.07067.07067.4.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+

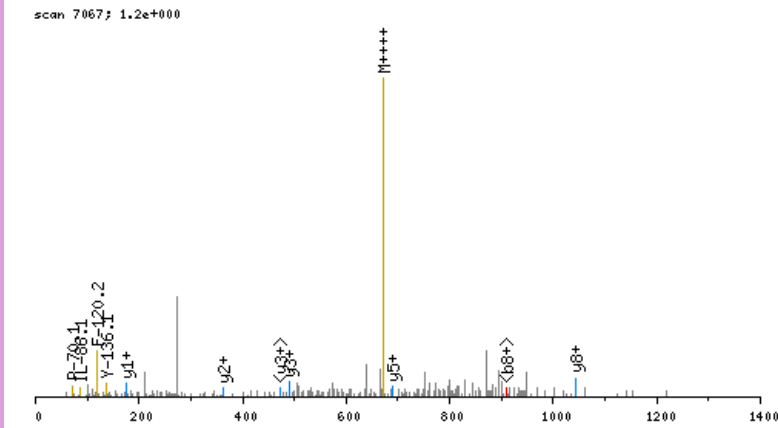
y + 2+ 3+

z + 2+ 3+

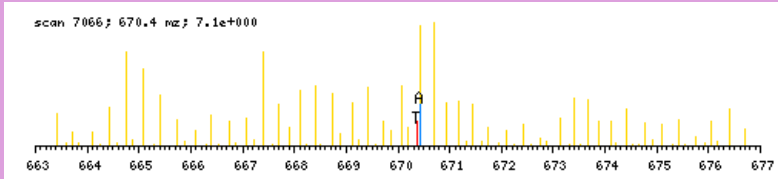
hide H₂O/NH₃

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⁺
163.1295	1	Q 23		
250.1615	2	S 22	2516.3759	1258.6919
349.2299	3	V 21	2429.3439	1215.1758
436.2619	4	S 20	2330.2755	1165.6416
565.3045	5	E 19	2243.2434	1122.1256
652.3366	6	S 18	2114.2008	1057.6043
765.4206	7	L 17	2027.1688	1014.0883
927.5787	8	K 16	1914.0847	957.5463
998.6158	9	A 15	1751.9266	876.4672
1097.6843	10	V 14	1680.8895	840.9487
1210.7683	11	L 13	1581.8211	791.4145
1323.8524	12	L 12	1468.7370	734.8724
1451.9110	13	Q 11	1355.6530	678.3304
1538.9430	14	S 10	1227.5944	614.3011
1635.9958	15	P 9	1140.5624	570.7851
1733.0485	16	P 8	1043.5096	522.2587
1830.1013	17	P 7	946.4568	473.7323
1990.1319	18	C 6	849.4041	425.2060
2103.2160	19	I 5	689.3735	345.1907
2190.2480	20	S 4	576.2894	288.6486
2318.3066	21	Q 3	489.2574	245.1326
2504.3859	22	W 2	361.1988	181.1033
	23	R 1	175.1195	88.0637

N-term:+35.07 K(8):+162.16
 C(18):+160.03

QTVAVGVKAVDK, MH+ 1429.9843, m/z 477.3329
 H OSG39 P180811 230811-s1.03882.03882.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

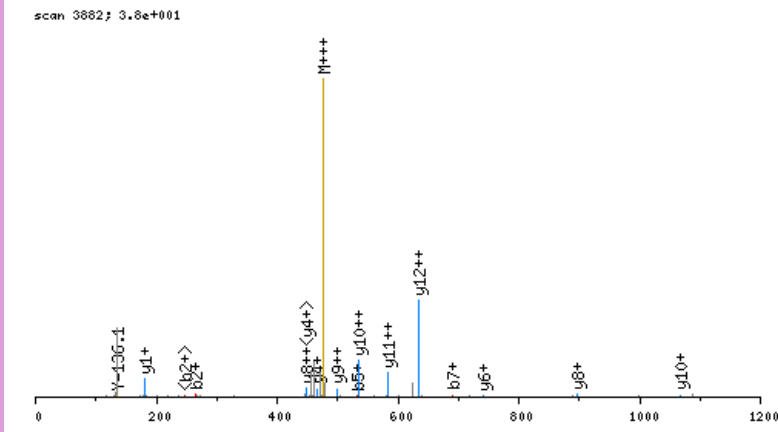
y + 2+ 3+

z + 2+ 3+

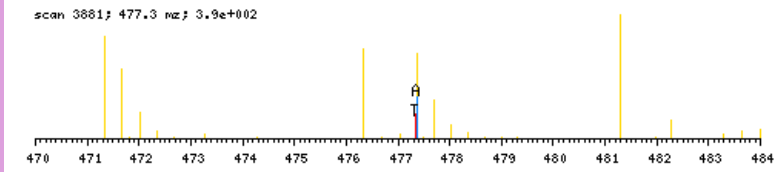
hide H₂O/NH₃

zoom 112-122

GO



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



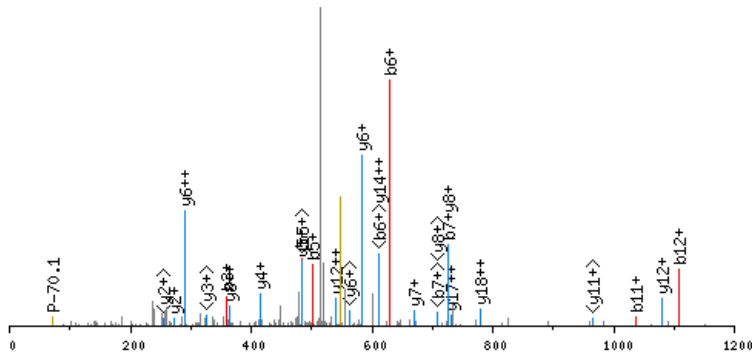
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
163.1295	1	Q	13		
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

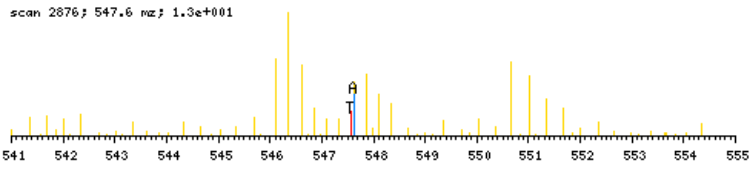
N-term: +35.07 K(9): +162.16
 K(13): +162.16

RAPAAQPPAAAAPSAVGSPAAAPR, MH+ 2187.2210, m/z 547.5607
 H OSG39 P180811 230811-s1.02879.02879.4.dta

scan 2879; 1.8e+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

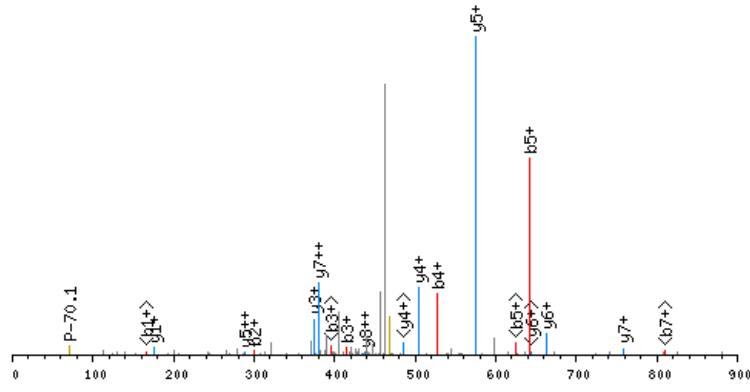
GO

b ⁺	#	AA #	y ⁺	y ²⁺
191.1720	1	R 24		
262.2091	2	A 23	1997.0568	999.0323
359.2619	3	P 22	1926.0197	963.5138
430.2990	4	A 21	1828.9670	914.9874
501.3361	5	A 20	1757.9299	879.4688
629.3947	6	Q 19	1686.8927	843.9503
726.4475	7	P 18	1558.8342	779.9210
823.5002	8	P 17	1461.7814	731.3946
894.5373	9	A 16	1364.7286	682.8682
965.5744	10	A 15	1293.6915	647.3497
1036.6116	11	A 14	1222.6544	611.8311
1107.6487	12	A 13	1151.6173	576.3126
1204.7014	13	P 12	1080.5802	540.7940
1291.7335	14	S 11	983.5274	492.2676
1362.7706	15	A 10	896.4954	448.7516
1461.8390	16	V 9	825.4583	413.2331
1518.8605	17	G 8	726.3899	363.6988
1605.8925	18	S 7	669.3684	335.1881
1702.9453	19	P 6	582.3364	291.6721
1773.9824	20	A 5	485.2836	243.1457
1845.0195	21	A 4	414.2465	207.6272
1916.0566	22	A 3	343.2094	172.1086
2013.1094	23	P 2	272.1723	136.5900
	24	R 1	175.1195	88.0637

N-term:+35.07

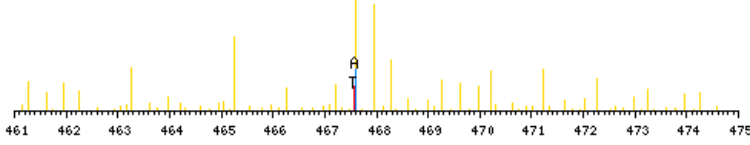
RDIDNPSAEAEER, MH+ 1400.6770, m/z 467.5638
 L OSG40 P180811 230811-s1.02006.02006.3.dta

scan 2006; 2.5e+000



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

scan 2004; 467.6 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⁺
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+ 1768.8618, m/z 590.2921
 L OSG40 P180811 230811-s1.04487.04487.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

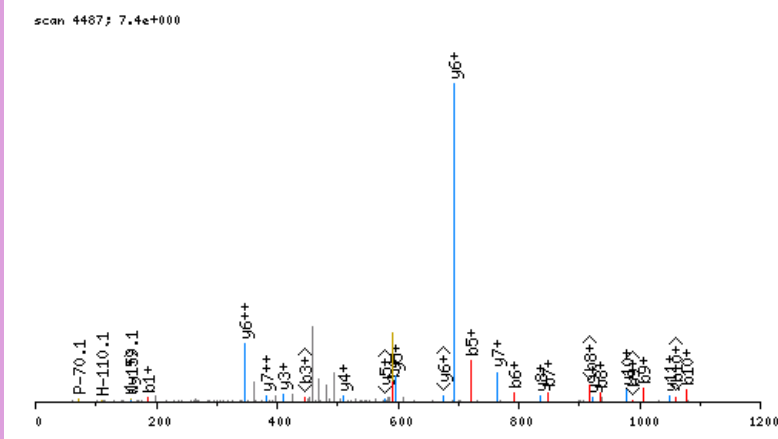
y + 2+ 3+

z + 2+ 3+

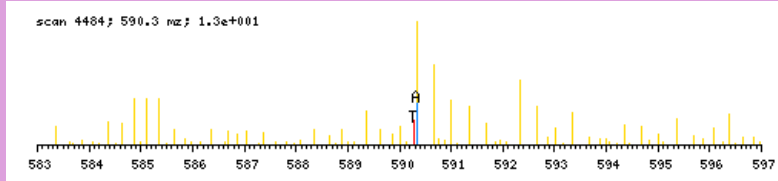
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 16		
300.1672	2	D 15	1584.7294	792.8686
463.2305	3	Y 14	1469.7025	735.3552
592.2731	4	E 13	1306.6392	653.8235
720.3317	5	Q 12	1177.5966	589.3022
791.3688	6	A 11	1049.5380	525.2729
848.3902	7	G 10	978.5009	489.7543
935.4223	8	S 9	921.4794	461.2436
1006.4594	9	A 8	834.4474	417.7276
1077.4965	10	A 7	763.4103	382.2090
1174.5493	11	P 6	692.3731	346.6905
1261.5813	12	S 5	595.3204	298.1641
1360.6497	13	V 4	508.2884	254.6481
1507.7181	14	F 3	409.2199	205.1139
1594.7501	15	S 2	262.1515	131.5797
	16	R 1	175.1195	88.0637

N-term:+29.04

RELEELSLEAQGIR, MH+ 1670.9077, m/z 557.6408
 L OSG40 P180811 230811-s1.06117.06117.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

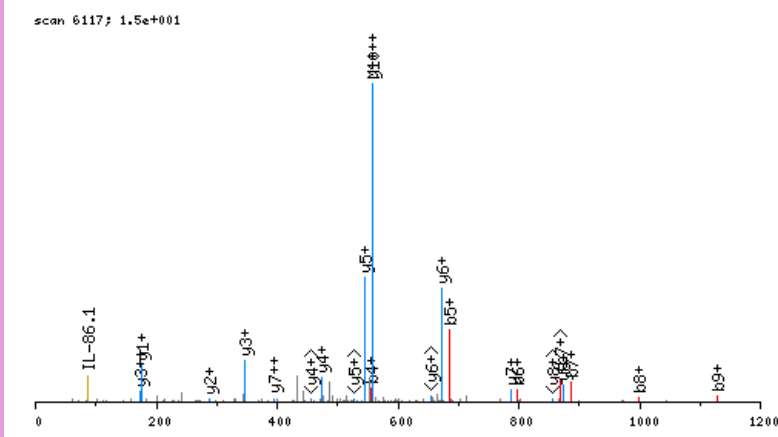
y + 2+ 3+

z + 2+ 3+

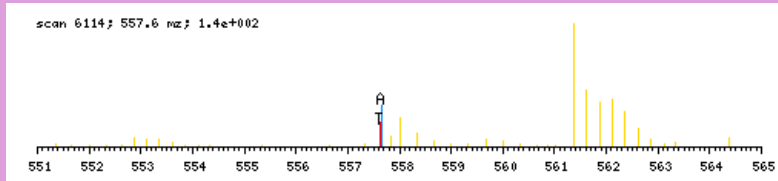
hide H₂O/NH₃

zoom 112-122

GO



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



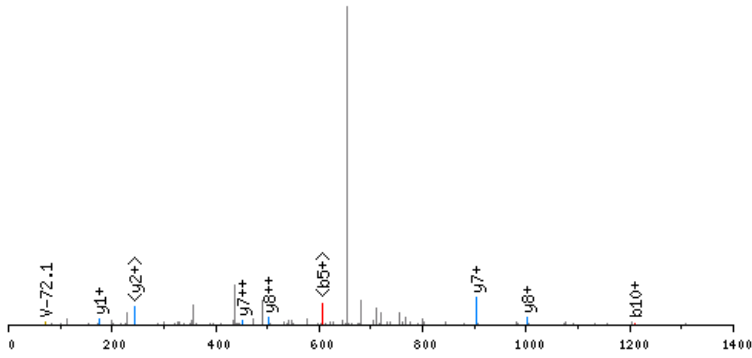
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
185.1402	1	R 14		
314.1828	2	E 13	1486.7753	743.8916
427.2669	3	L 12	1357.7327	679.3703
556.3095	4	E 11	1244.6487	622.8282
685.3521	5	E 10	1115.6061	558.3069
798.4361	6	L 9	986.5635	493.7856
885.4681	7	S 8	873.4794	437.2436
998.5522	8	L 7	786.4474	393.7276
1127.5948	9	E 6	673.3633	337.1856
1198.6319	10	A 5	544.3207	272.6643
1326.6905	11	Q 4	473.2836	237.1457
1383.7120	12	G 3	345.2250	173.1164
1496.7960	13	I 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

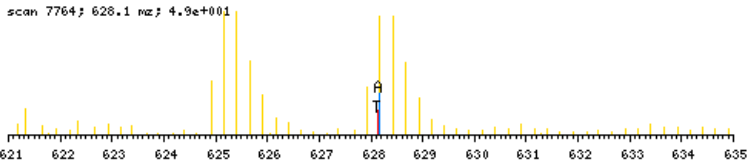
N-term:+29.04

REPLVFKAGKPVTVKIPFQSR, MH+ 2509.5387, m/z 628.1401
 L OSG38 P180811 230811-s1.07765.07765.4.dta

scan 7765; 1.5e+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:

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⁺
185.1402	1	R	21		
314.1828	2	E	20	2325.4063	1163.2071
411.2356	3	P	19	2196.3638	1098.6858
524.3196	4	L	18	2099.3110	1050.1594
623.3880	5	V	17	1986.2269	993.6174
770.4565	6	F	16	1887.1585	944.0832
926.5828	7	K	15	1740.0901	870.5490
997.6199	8	A	14	1583.9638	792.4858
1054.6413	9	G	13	1512.9267	756.9673
1210.7676	10	K	12	1455.9052	728.4565
1307.8204	11	P	11	1299.7789	650.3934
1406.8888	12	V	10	1202.7262	601.8670
1507.9365	13	T	9	1103.6577	552.3328
1607.0049	14	V	8	1002.6101	501.8089
1763.1312	15	K	7	903.5416	452.2747
1876.2153	16	I	6	747.4153	374.2116
1973.2680	17	P	5	634.3313	317.6696
2120.3364	18	F	4	537.2785	269.1432
2248.3950	19	Q	3	390.2101	195.6090
2335.4271	20	S	2	262.1515	131.5797
	21	R	1	175.1195	88.0637

N-term:+29.04 K(7):+156.13
 K(10):+156.13 K(15):+156.13

RGDDGIFDDNFIEER, MH+ 1831.8675, m/z 611.2940
 H OSG40 P180811 230811-s1.07480.07480.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

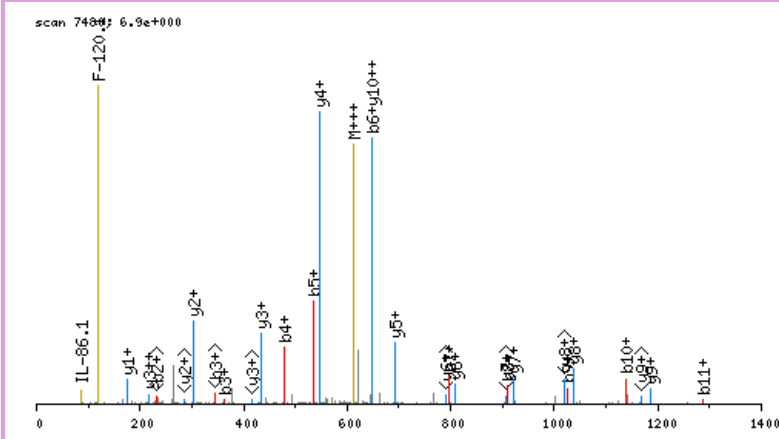
y + 2+ 3+

z + 2+ 3+

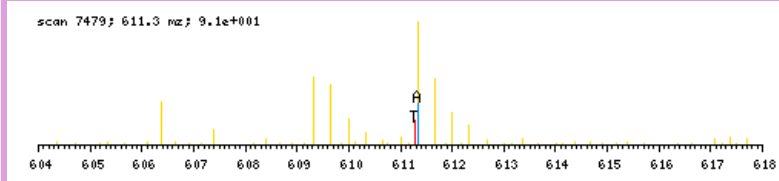
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

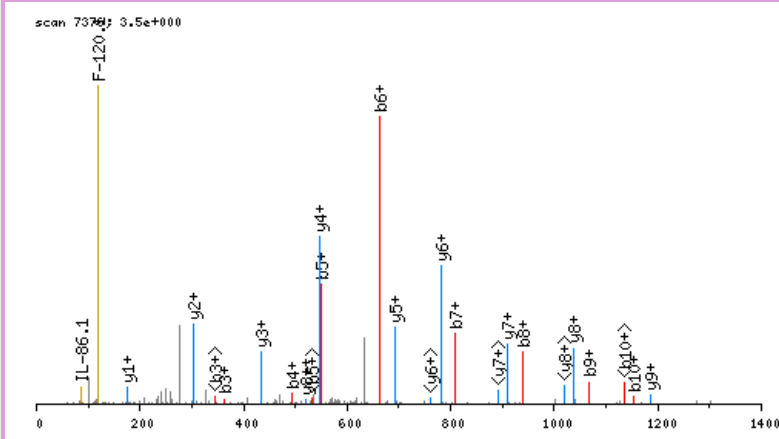
y + 2+ 3+

z + 2+ 3+

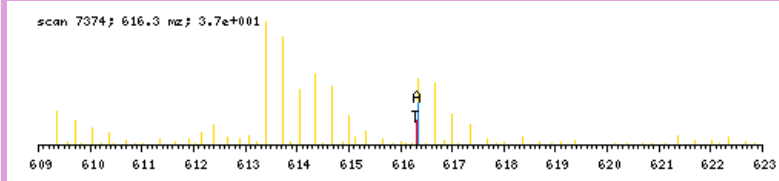
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

RGEAGAAGPSGPAGPR, MH+ 1435.7406, m/z 479.2517
 L OSG38 P180811 230811-s1.02124.02124.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

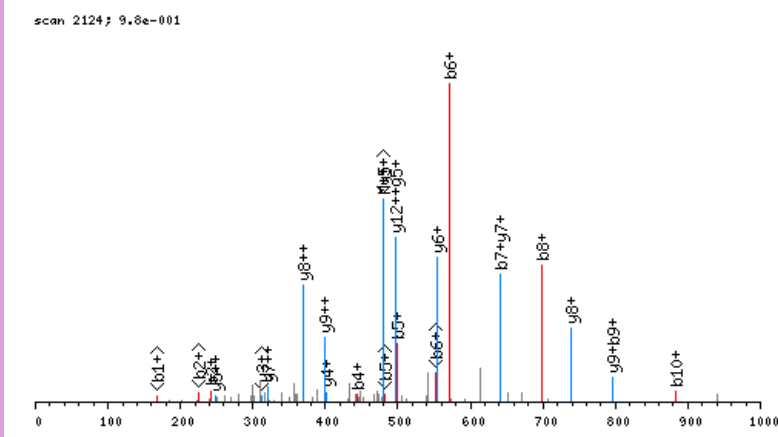
y + 2+ 3+

z + 2+ 3+

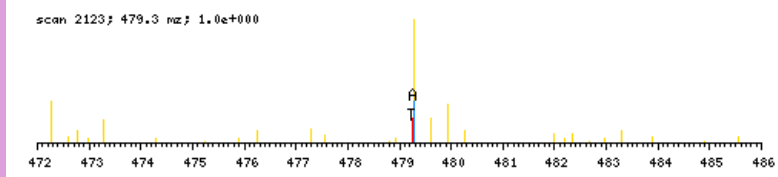
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 16		
242.1617	2	G 15	1251.6082	626.3080
371.2043	3	E 14	1194.5867	597.7973
442.2414	4	A 13	1065.5441	533.2760
499.2628	5	G 12	994.5070	497.7574
570.3000	6	A 11	937.4856	469.2467
641.3371	7	A 10	866.4484	433.7281
698.3585	8	G 9	795.4113	398.2096
795.4113	9	P 8	738.3899	369.6988
882.4433	10	S 7	641.3371	321.1725
939.4648	11	G 6	554.3051	277.6564
1036.5176	12	P 5	497.2836	249.1457
1107.5547	13	A 4	400.2308	200.6193
1164.5761	14	G 3	329.1937	165.1008
1261.6289	15	P 2	272.1723	136.5900
	16	R 1	175.1195	88.0637

N-term:+29.04

RLIQEALAEAEER, MH+ 1484.8073, m/z 495.6073
 L OSG40 P180811 230811-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+

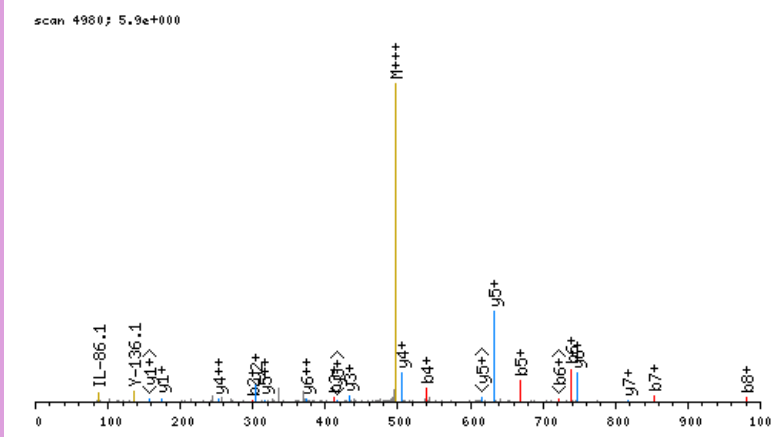
y + 2+ 3+

z + 2+ 3+

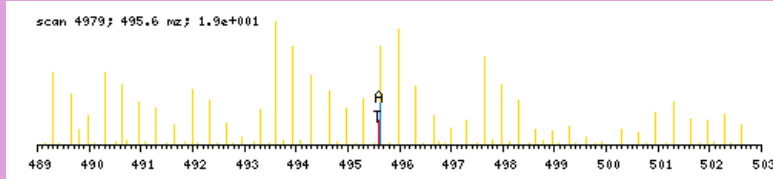
hide H₂O/NH₃

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⁺
185.1402	1	R 12		
298.2243	2	L 11	1300.6749	650.8413
411.3083	3	L 10	1187.5908	594.2993
539.3669	4	Q 9	1074.5067	537.7573
668.4095	5	E 8	946.4482	473.7280
739.4466	6	A 7	817.4056	409.2067
852.5307	7	L 6	746.3685	373.6881
981.5733	8	E 5	633.2844	317.1461
1052.6104	9	A 4	504.2418	252.6248
1181.6530	10	E 3	433.2047	217.1063
1310.6956	11	E 2	304.1621	152.5850
	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+

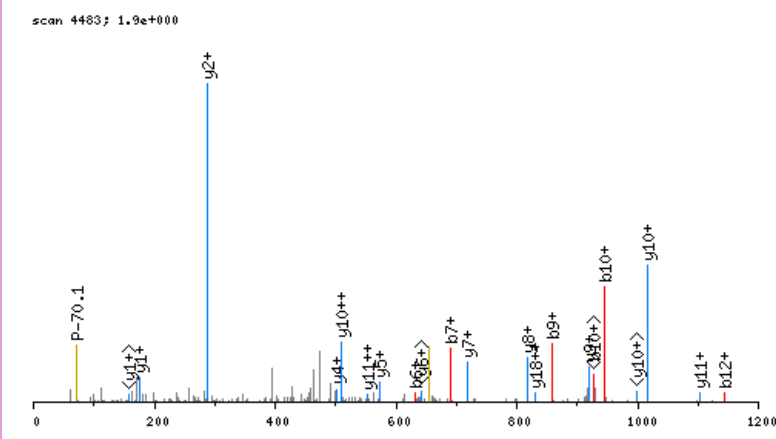
y + 2+ 3+

z + 2+ 3+

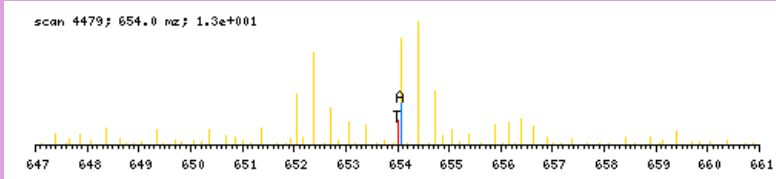
hide H₂O/NH₃

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⁺
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

RPLPPSPVVR, MH+ 1149.7320, m/z 383.9155
 H OSG40 P180811 230811-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+

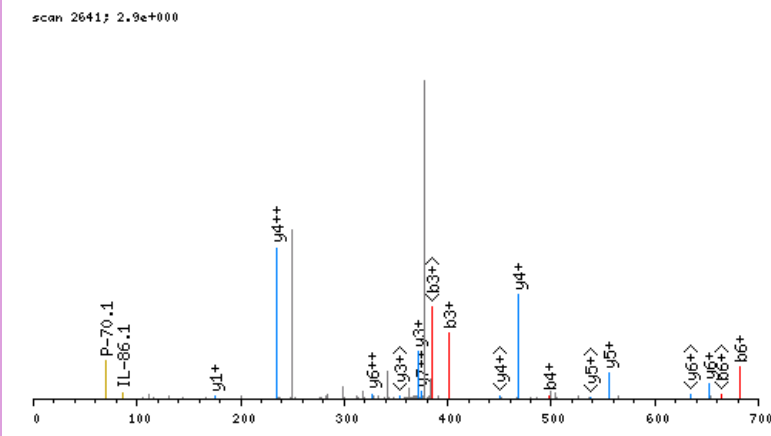
y + 2+ 3+

z + 2+ 3+

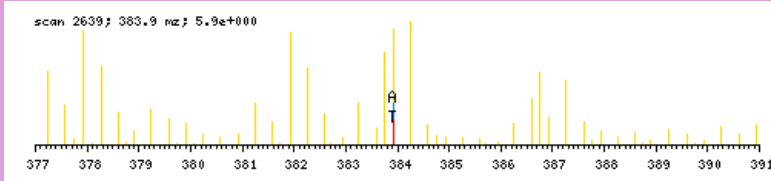
hide H₂O/NH₃

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⁺
191.1720	1	R	10		
288.2248	2	P	9	959.5678	480.2878
401.3088	3	L	8	862.5151	431.7614
498.3616	4	P	7	749.4310	375.2194
595.4144	5	P	6	652.3782	326.6930
682.4464	6	S	5	555.3255	278.1666
779.4992	7	P	4	468.2934	234.6506
876.5519	8	P	3	371.2407	186.1243
975.6203	9	V	2	274.1879	137.5979
	10	R	1	175.1195	88.0637

N-term: +35.07

RPPLGFLNPR, MH+ 1200.7429, m/z 400.9192
 H OSG40 P180811 230811-s1.05427.05427.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

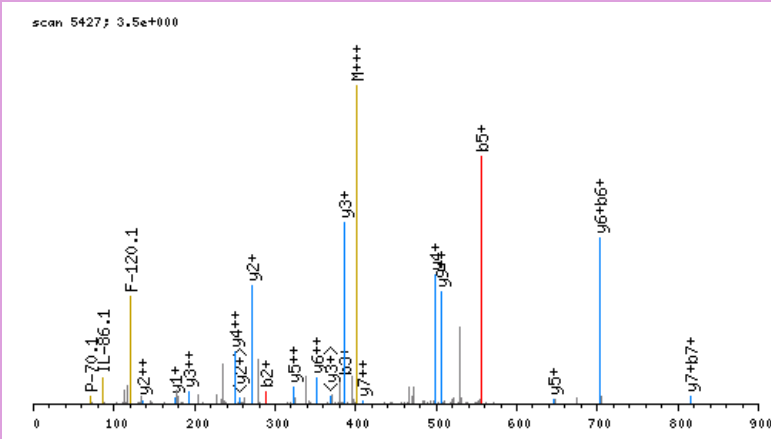
y + 2+ 3+

z + 2+ 3+

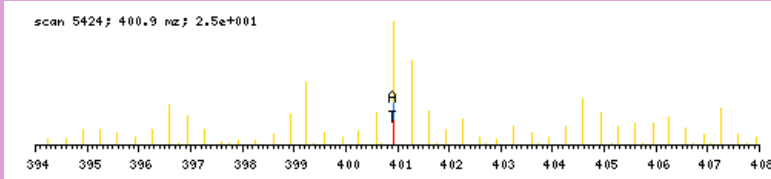
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 10		
288.2248	2	P 9	1010.5787	505.7933
385.2775	3	P 8	913.5260	457.2669
498.3616	4	L 7	816.4732	408.7405
555.3831	5	G 6	703.3891	352.1985
702.4515	6	F 5	646.3677	323.6877
815.5355	7	L 4	499.2993	250.1535
929.5785	8	N 3	386.2152	193.6115
1026.6312	9	P 2	272.1723	136.5900
	10	R 1	175.1195	88.0637

N-term:+35.07

RPPVQVYGIIEGR, MH+ 1404.8175, m/z 468.9440
 H OSG40 P180811 230811-s1.03893.03893.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

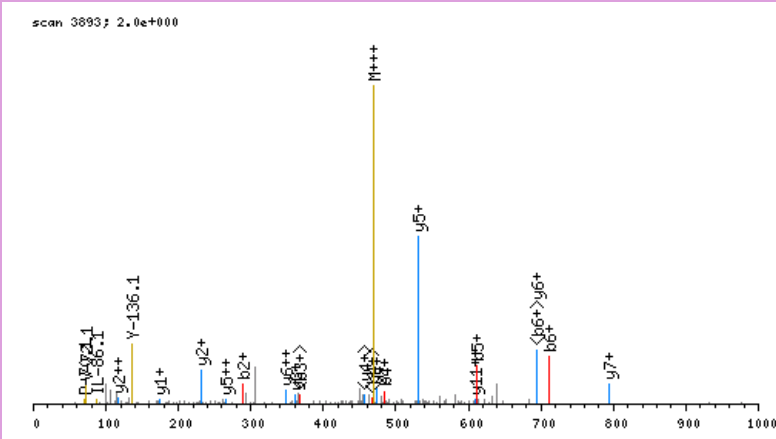
y + 2+ 3+

z + 2+ 3+

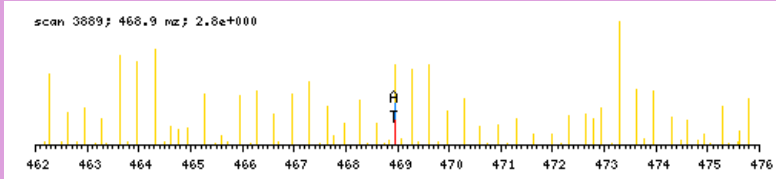
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
288.2248	2	P 11	1214.6533	607.8306
385.2775	3	P 10	1117.6006	559.3042
484.3460	4	V 9	1020.5478	510.7778
612.4045	5	Q 8	921.4794	461.2436
711.4729	6	V 7	793.4208	397.2143
874.5363	7	Y 6	694.3524	347.6801
931.5577	8	G 5	531.2891	266.1485
1044.6418	9	I 4	474.2676	237.6377
1173.6844	10	E 3	361.1836	181.0957
1230.7059	11	G 2	232.1410	116.5744
	12	R 1	175.1195	88.0637

N-term:+35.07

RQISEDVDGPDNR, MH+ 1528.7355, m/z 510.2500
 L OSG40 P180811 230811-s1.02180.02180.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

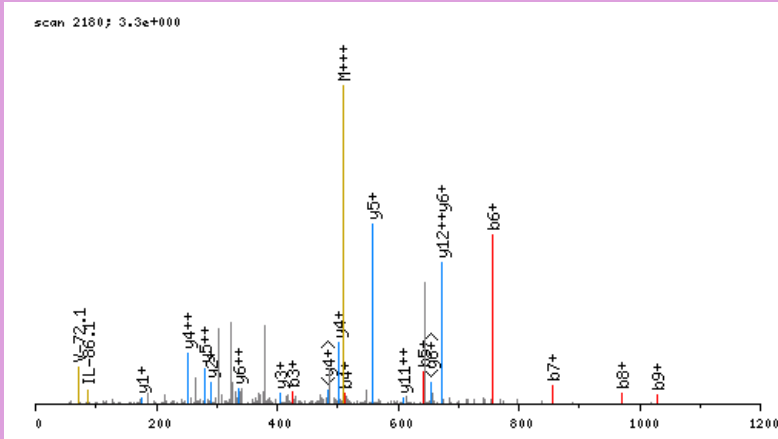
y + 2+ 3+

z + 2+ 3+

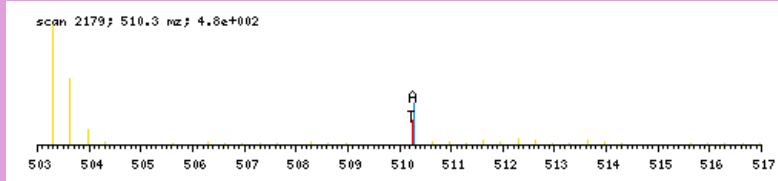
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
313.1988	2	Q 12	1344.6032	672.8055
426.2829	3	I 11	1216.5446	608.7762
513.3149	4	S 10	1103.4605	552.2342
642.3575	5	E 9	1016.4285	508.7182
757.3844	6	D 8	887.3859	444.1969
856.4528	7	V 7	772.3590	386.6834
971.4798	8	D 6	673.2905	337.1492
1028.5012	9	G 5	558.2636	279.6357
1125.5540	10	P 4	501.2421	251.1250
1240.5809	11	D 3	404.1894	202.5986
1354.6239	12	N 2	289.1624	145.0851
	13	R 1	175.1195	88.0637

N-term:+29.04

RSEDGVEGDLGETQSR, MH+ 1768.8525, m/z 590.2890
H OSG40 P180811 230811-s1.02813.02813.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

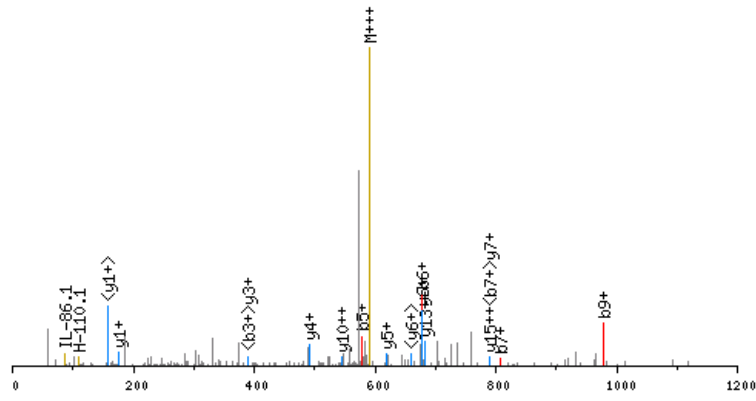
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

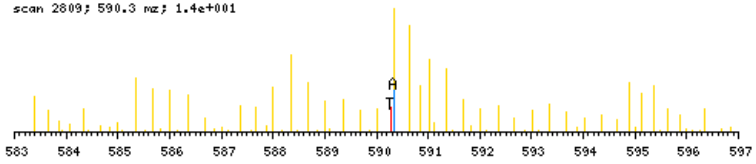
GO

scan 2813; 1.9e+000



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

scan 2809; 590.3 m/z; 1.4e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
191.1720	1	R 16		
278.2040	2	S 15	1578.6883	789.8481
407.2466	3	E 14	1491.6563	746.3321
522.2736	4	D 13	1362.6137	681.8108
579.2950	5	G 12	1247.5868	624.2973
678.3635	6	V 11	1190.5653	595.7866
807.4060	7	E 10	1091.4969	546.2524
864.4275	8	G 9	962.4543	481.7311
979.4545	9	D 8	905.4328	453.2203
1092.5385	10	L 7	790.4059	395.7069
1149.5600	11	G 6	677.3218	339.1648
1278.6026	12	E 5	620.3004	310.6541
1379.6503	13	T 4	491.2578	246.1328
1507.7088	14	Q 3	390.2101	195.6090
1594.7409	15	S 2	262.1515	131.5797
	16	R 1	175.1195	88.0637

N-term:+35.07

RTLPTVDWR, MH+ 1292.7175, m/z 431.5773
 H OSG40 P180811 230811-s1.05036.05036.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

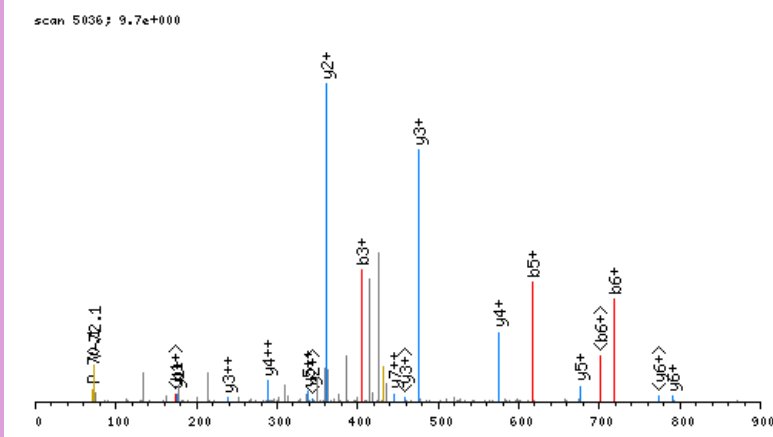
y + 2+ 3+

z + 2+ 3+

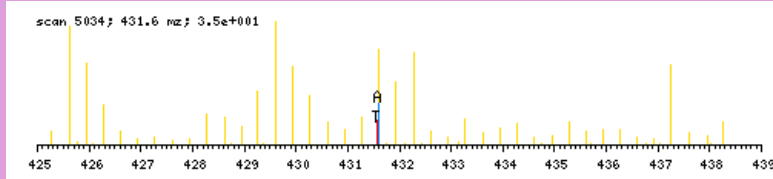
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 10		
292.2197	2	T 9	1102.5533	551.7806
405.3038	3	L 8	1001.5056	501.2567
502.3565	4	P 7	888.4216	444.7147
617.3835	5	D 6	791.3688	396.1883
718.4311	6	T 5	676.3418	338.6748
817.4996	7	V 4	575.2942	288.1510
932.5265	8	D 3	476.2258	238.6168
1118.6058	9	W 2	361.1988	181.1033
	10	R 1	175.1195	88.0637

N-term:+35.07

RVPTPNVSVVDLTCR, MH+ 1740.9430, m/z 580.9858
 L OSG40 P180811 230811-s1.06406.06406.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

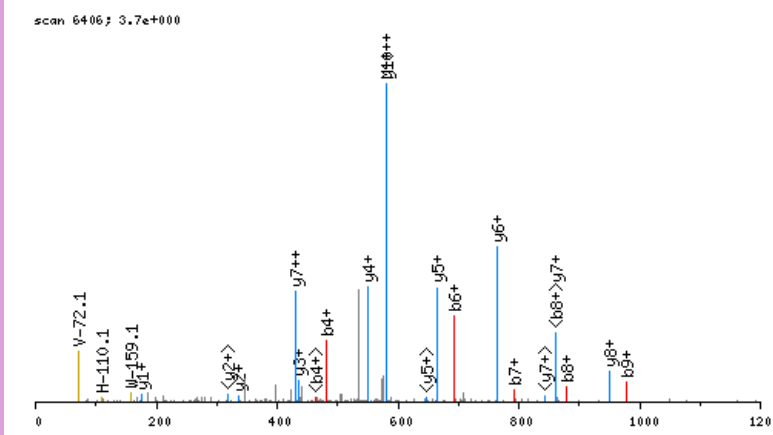
y + 2+ 3+

z + 2+ 3+

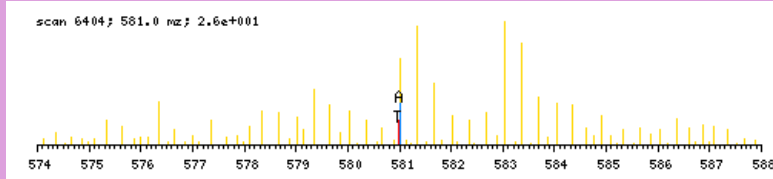
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
284.2086	2	V 14	1556.8106	778.9092
381.2614	3	P 13	1457.7422	729.3750
482.3091	4	T 12	1360.6894	680.8486
579.3618	5	P 11	1259.6417	630.3248
693.4048	6	N 10	1162.5890	581.7984
792.4732	7	V 9	1048.5461	524.7769
879.5052	8	S 8	949.4776	475.2427
978.5736	9	V 7	862.4456	431.7267
1077.6420	10	V 6	763.3772	382.1925
1192.6690	11	D 5	664.3088	332.6583
1305.7530	12	L 4	549.2818	275.1448
1406.8007	13	T 3	436.1978	218.6028
1566.8313	14	C 2	335.1501	168.0790
	15	R 1	175.1195	88.0637

N-term:+29.04 C(14):+160.03

SAAEGPKDPPVLP, MH+ 1489.8379, m/z 497.2841
 L OSG39 P180811 230811-s1.02780.02780.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

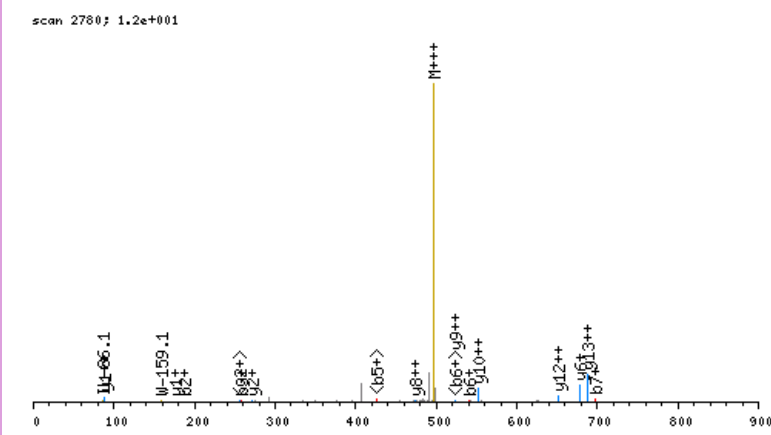
y + 2+ 3+

z + 2+ 3+

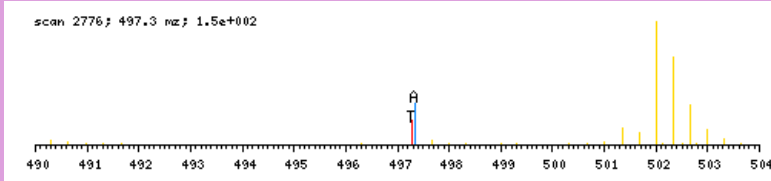
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1374.7746	687.8912
258.1454	3	A 12	1303.7374	652.3726
387.1879	4	E 11	1232.7003	616.8541
444.2094	5	G 10	1103.6577	552.3328
541.2622	6	P 9	1046.6363	523.8221
697.3885	7	K 8	949.5835	475.2957
812.4154	8	D 7	793.4572	397.2325
909.4682	9	P 6	678.4303	339.7190
1006.5209	10	P 5	581.3775	291.1927
1105.5894	11	V 4	484.3247	242.6663
1218.6734	12	L 3	385.2563	193.1321
1315.7262	13	P 2	272.1723	136.5900
	14	R 1	175.1195	88.0637

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

SAALKLLEPLKYKAPCNPAYR, MH+ 2539.5747, m/z 635.6491
H_OSG38_P180811_230811-s1.07780.07780.4.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+

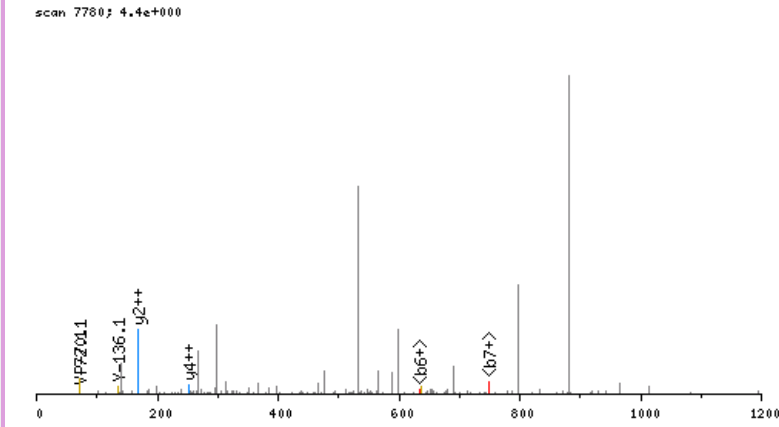
y + 2+ 3+

z + 2+ 3+

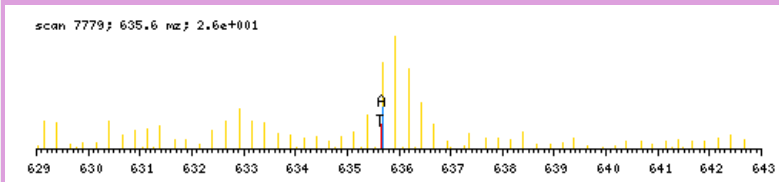
hide H₂O/NH₃

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	21		
193.1400	2	A	20	2418.4796	1209.7437
264.1772	3	A	19	2347.4425	1174.2251
377.2612	4	L	18	2276.4054	1138.7066
539.4193	5	K	17	2163.3213	1082.1646
652.5034	6	L	16	2001.1632	1001.0855
765.5874	7	L	15	1888.0791	944.5435
894.6300	8	E	14	1774.9951	888.0014
991.6828	9	P	13	1645.9525	823.4801
1104.7669	10	L	12	1548.8997	774.9538
1266.9250	11	K	11	1435.8156	718.4117
1429.9883	12	Y	10	1273.6575	637.3327
1592.1464	13	K	9	1110.5942	555.8010
1663.1835	14	A	8	948.4361	474.7220
1760.2363	15	P	7	877.3990	439.2034
1920.2669	16	C	6	780.3462	390.6770
2034.3098	17	N	5	620.3156	310.6617
2131.3626	18	P	4	506.2727	253.6403
2202.3997	19	A	3	409.2199	205.1139
2365.4630	20	Y	2	338.1828	169.5953
	21	R	1	175.1195	88.0637

N-term:+35.07 K(5):+162.16
K(11):+162.16 K(13):+162.16
C(16):+160.03

SAAQAAAQINSNAAGKQLR, MH+ 1914.0157, m/z 638.6768
 L OSG40 P180811 230811-s1.02168.02168.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

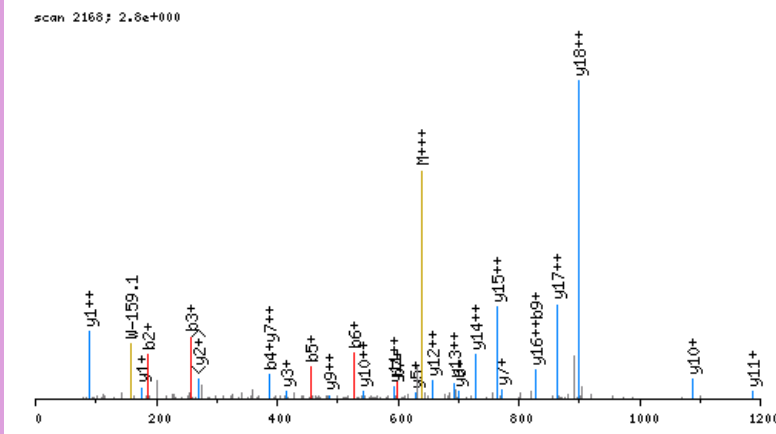
y + 2+ 3+

z + 2+ 3+

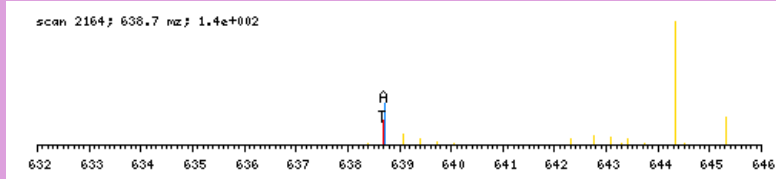
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
187.1082	2	A	18	1798.9524	899.9801
258.1454	3	A	17	1727.9153	864.4616
386.2039	4	Q	16	1656.8782	828.9430
457.2410	5	A	15	1528.8196	764.9137
528.2782	6	A	14	1457.7825	729.3952
599.3153	7	A	13	1386.7454	693.8766
727.3739	8	Q	12	1315.7083	658.3580
828.4215	9	T	11	1187.6497	594.3288
942.4645	10	N	10	1086.6020	543.8049
1029.4965	11	S	9	972.5591	486.7835
1143.5394	12	N	8	885.5271	443.2674
1214.5765	13	A	7	771.4841	386.2460
1285.6136	14	A	6	700.4470	350.7274
1342.6351	15	G	5	629.4099	315.2089
1498.7614	16	K	4	572.3884	286.6981
1626.8200	17	Q	3	416.2621	208.6350
1739.9040	18	L	2	288.2036	144.6057
	19	R	1	175.1195	88.0637

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

SAENEPPVPLVGNWRPPQPVKGR, MH+ 2580.4051, m/z 645.8567
 L OSG40 P180811 230811-s1.07097.07097.4.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+

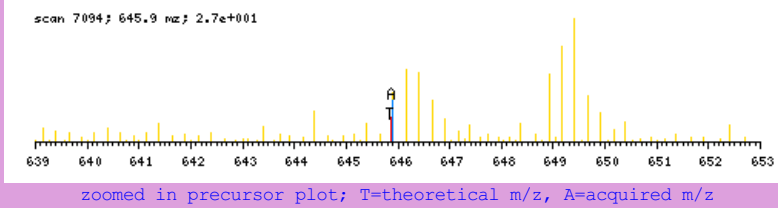
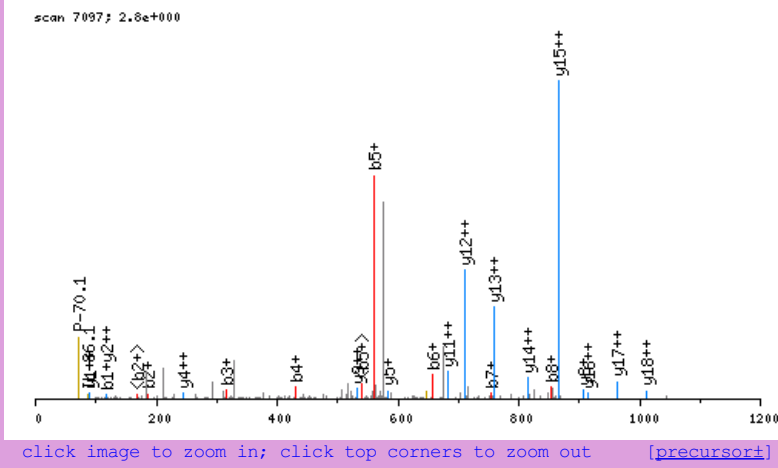
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO



b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	23		
187.1082	2	A	22	2465.3418	1233.1748
316.1508	3	E	21	2394.3047	1197.6562
430.1938	4	N	20	2265.2621	1133.1349
559.2364	5	E	19	2151.2191	1076.1135
656.2891	6	P	18	2022.1765	1011.5922
753.3419	7	P	17	1925.1238	963.0658
852.4103	8	V	16	1828.0710	914.5394
949.4631	9	P	15	1729.0026	865.0052
1062.5471	10	L	14	1631.9498	816.4788
1161.6155	11	V	13	1518.8658	759.9368
1218.6370	12	G	12	1419.7974	710.4026
1332.6799	13	N	11	1362.7759	681.8919
1518.7592	14	W	10	1248.7330	624.8704
1674.8604	15	R	9	1062.6537	531.8307
1771.9131	16	P	8	906.5525	453.7802
1868.9659	17	P	7	809.4998	405.2538
1997.0245	18	Q	6	712.4470	356.7274
2094.0772	19	P	5	584.3884	292.6981
2193.1456	20	V	4	487.3357	244.1718
2349.2719	21	K	3	388.2673	194.6375
2406.2934	22	G	2	232.1410	116.5744
	23	R	1	175.1195	88.0637

N-term:+29.04 K(21):+156.13

SAGSAAAQPVVAAAIR, MH+ 1355.7283, m/z 678.3678
 L OSG37 P180811 230811-s1.04012.04012.2.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+

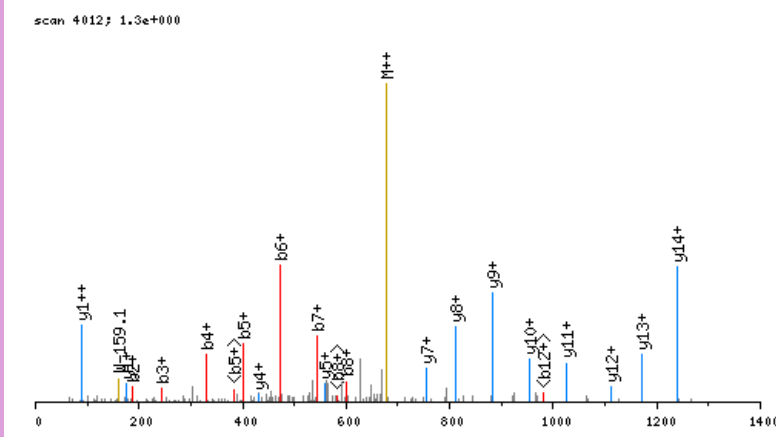
y + 2+ 3+

z + 2+ 3+

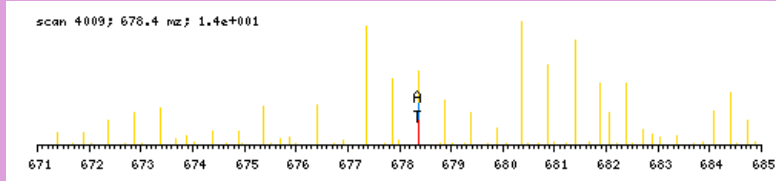
hide H₂O/NH₃

zoom 112-122

GO



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



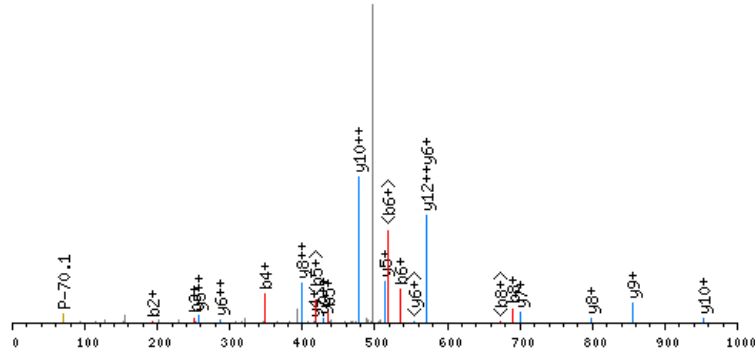
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

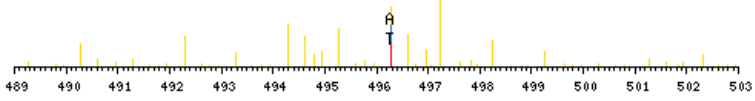
SAGVSVPGPMGPGSPR, MH+ 1486.7900, m/z 496.2682
 H OSG37 P180811 230811-s1.04525.04525.3.dta

scan 4525; 1.6e+001



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

scan 4524; 496.3 m/z; 6.5e+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

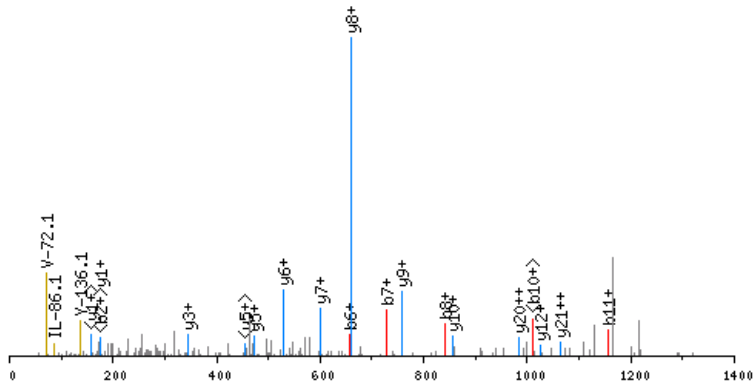
GO

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 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

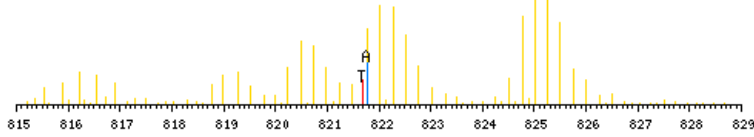
SAKVSDAISTQYPVVDHEFDVAVVVGAGGAGLR, MH+ 3283.7599, m/z 821.6954
H OSG40 P180811 230811-s1.09026.09026.4.dta

scan 9026; 1.4e+000



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

scan 9024; 821.7 m/z; 1.8e+001



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

b ⁺	#	AA	#	y ⁺	y ²⁺
122.1029	1	S	32		
193.1400	2	A	31	3162.6648	1581.8363
355.2981	3	K	30	3091.6277	1546.3178
454.3666	4	V	29	2929.4696	1465.2387
541.3986	5	S	28	2830.4012	1415.7045
656.4255	6	D	27	2743.3691	1372.1885
727.4626	7	A	26	2628.3422	1314.6750
840.5467	8	I	25	2557.3051	1279.1565
927.5787	9	S	24	2444.2210	1222.6144
1028.6264	10	T	23	2357.1890	1179.0984
1156.6850	11	Q	22	2256.1413	1128.5746
1319.7483	12	Y	21	2128.0827	1064.5453
1416.8011	13	P	20	1965.0194	983.0136
1515.8695	14	V	19	1867.9666	934.4872
1614.9379	15	V	18	1768.8982	884.9530
1729.9649	16	D	17	1669.8298	835.4188
1867.0238	17	H	16	1554.8029	777.9053
1996.0664	18	E	15	1417.7440	709.3759
2143.1348	19	F	14	1288.7014	644.8546
2258.1617	20	D	13	1141.6329	571.3204
2329.1988	21	A	12	1026.6060	513.8069
2428.2672	22	V	11	955.5689	478.2884
2527.3357	23	V	10	856.5005	428.7542
2626.4041	24	V	9	757.4321	379.2199
2683.4255	25	G	8	658.3636	329.6857
2754.4626	26	A	7	601.3422	301.1750
2811.4841	27	G	6	530.3051	265.6564
2868.5056	28	G	5	473.2836	237.1457
2939.5427	29	A	4	416.2621	208.6350
2996.5642	30	G	3	345.2250	173.1164
3109.6482	31	L	2	288.2036	144.6057
	32	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

SALAIMENANVLAR, MH+ 1506.8526, m/z 502.9557
 H OSG37 P180811 230811-s1.07640.07640.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

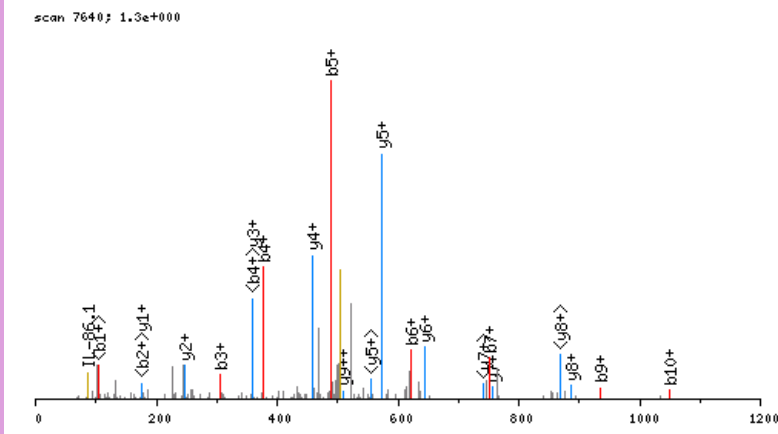
y + 2+ 3+

z + 2+ 3+

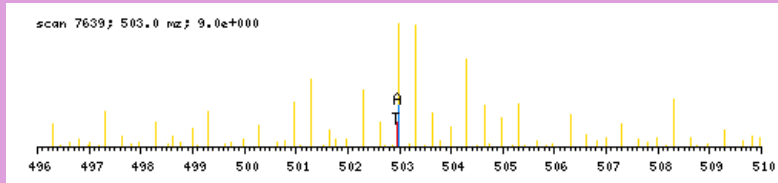
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1385.7575	693.3827
306.2241	3	L 12	1314.7204	657.8641
377.2612	4	A 11	1201.6363	601.3221
490.3453	5	I 10	1130.5992	565.8035
621.3858	6	M 9	1017.5151	509.2615
750.4284	7	E 8	886.4747	443.7412
864.4713	8	N 7	757.4321	379.2199
935.5084	9	A 6	643.3891	322.1985
1049.5513	10	N 5	572.3520	286.6799
1148.6197	11	V 4	458.3091	229.6585
1261.7038	12	L 3	359.2407	180.1243
1332.7409	13	A 2	246.1566	123.5822
	14	R 1	175.1195	88.0637

N-term:+35.07

SALLILPDQGR, MH+ 1216.7477, m/z 608.8775
 H OSG37 P180811 230811-s1.06352.06352.2.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+

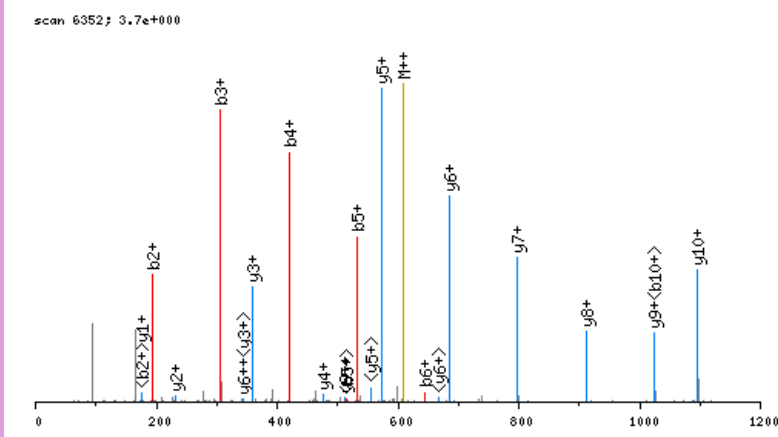
y + 2+ 3+

z + 2+ 3+

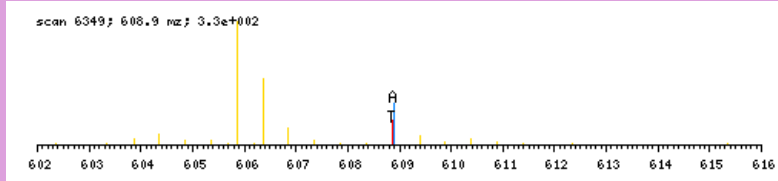
hide H₂O/NH₃

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 11		
193.1400	2	A 10	1095.6526	548.3302
306.2241	3	L 9	1024.6155	512.8117
419.3082	4	L 8	911.5314	456.2696
532.3922	5	I 7	798.4474	399.7276
645.4763	6	L 6	685.3633	343.1856
742.5291	7	P 5	572.2792	286.6435
857.5560	8	D 4	475.2265	238.1172
985.6146	9	Q 3	360.1995	180.6037
1042.6360	10	G 2	232.1410	116.5744
	11	R 1	175.1195	88.0637

N-term:+35.07

SALQSINEWASQTDDGKLEPVTKDVER, MH+ 3086.6010, m/z 772.4057
 L OSG40 P180811 230811-s1.08738.08738.4.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+

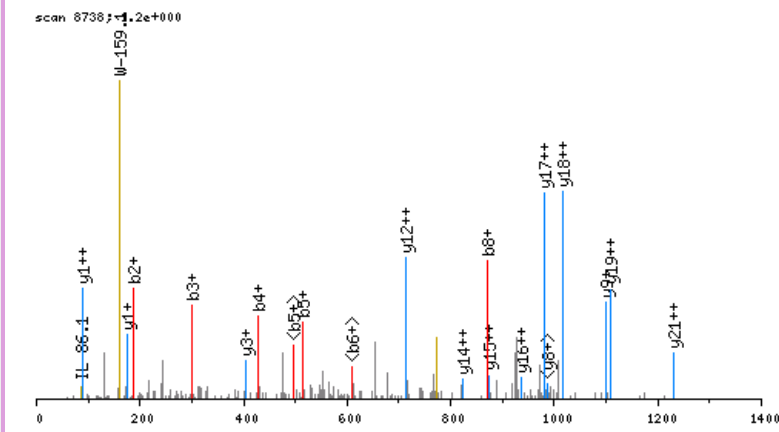
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

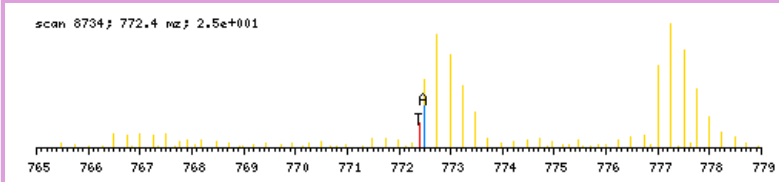
zoom 112-122

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 27		
187.1082	2	A 26	2971.5377	1486.2728
300.1923	3	L 25	2900.5006	1450.7542
428.2509	4	Q 24	2787.4166	1394.2122
515.2829	5	S 23	2659.3580	1330.1829
628.3670	6	I 22	2572.3259	1286.6669
742.4099	7	N 21	2459.2419	1230.1249
871.4525	8	E 20	2345.1990	1173.1034
1057.5318	9	W 19	2216.1564	1108.5821
1128.5689	10	A 18	2030.0770	1015.5424
1215.6010	11	S 17	1959.0399	980.0239
1343.6595	12	Q 16	1872.0079	936.5079
1444.7072	13	T 15	1743.9493	872.4786
1545.7549	14	T 14	1642.9016	821.9547
1660.7818	15	D 13	1541.8540	771.4309
1717.8033	16	G 12	1426.8270	713.9174
1873.9296	17	K 11	1369.8056	685.4067
1987.0137	18	L 10	1213.6793	607.3435
2084.0664	19	P 9	1100.5952	550.8015
2213.1090	20	E 8	1003.5424	502.2751
2312.1774	21	V 7	874.4998	437.7538
2413.2251	22	T 6	775.4314	388.2196
2569.3514	23	K 5	674.3838	337.6958
2684.3783	24	D 4	518.2575	259.6326
2783.4468	25	V 3	403.2305	202.1192
2912.4894	26	E 2	304.1621	152.5850
	27	R 1	175.1195	88.0637

N-term: +29.04 K(17): +156.13
 K(23): +156.13

SALTVPSPANSTAMVDLTNSLR, MH+ 2420.2495, m/z 605.8178
 L OSG39 P180811 230811-s1.05680.05680.4.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+

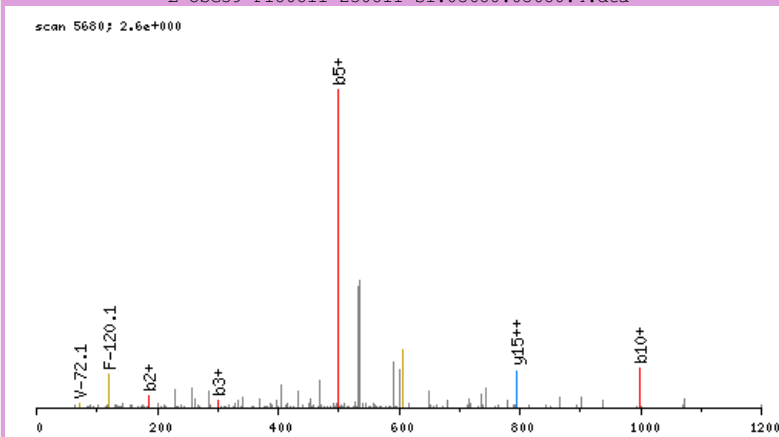
y + 2+ 3+

z + 2+ 3+

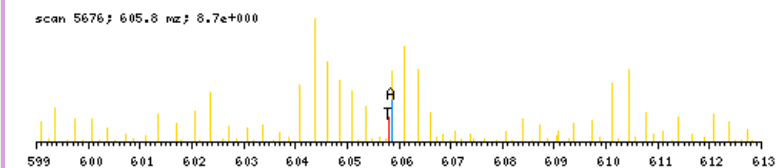
hide H₂O/NH₃

zoom 112-122

GO



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



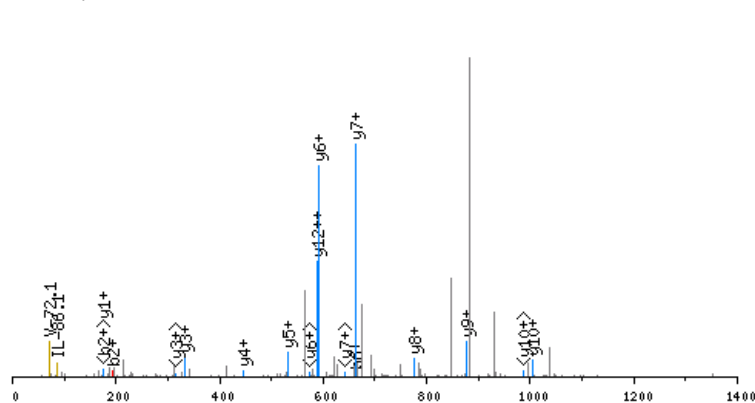
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	23		
187.1082	2	A	22	2305.1862	1153.0970
300.1923	3	L	21	2234.1491	1117.5785
401.2400	4	T	20	2121.0650	1061.0364
500.3084	5	V	19	2020.0174	1010.5126
597.3612	6	P	18	1920.9489	960.9784
684.3932	7	S	17	1823.8962	912.4520
831.4616	8	F	16	1736.8641	868.9360
928.5144	9	P	15	1589.7957	795.4018
999.5515	10	A	14	1492.7430	746.8754
1113.5944	11	N	13	1421.7059	711.3568
1200.6264	12	S	12	1307.6629	654.3354
1301.6741	13	T	11	1220.6309	610.8194
1372.7112	14	A	10	1119.5832	560.2955
1503.7517	15	M	9	1048.5461	524.7770
1602.8201	16	V	8	917.5056	459.2567
1717.8471	17	D	7	818.4372	409.7225
1830.9311	18	L	6	703.4103	352.2090
1931.9788	19	T	5	590.3262	295.6670
2046.0217	20	N	4	489.2785	245.1432
2133.0538	21	S	3	375.2356	188.1217
2246.1378	22	L	2	288.2036	144.6057
	23	R	1	175.1195	88.0637

N-term:+29.04

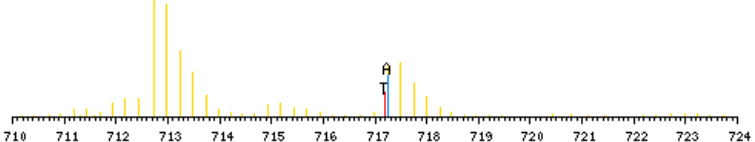
SAPPKLASLKGVPEDAVETLAGSLGTR, MH+ 2865.7150, m/z 717.1842
 H OSG40 P180811 230811-sl.09188.09188.4.dta

scan 9188; 2.4e+001



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

scan 9184; 717.2 m/z; 1.3e+002



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

b ⁺	#	AA	#	y ⁺	y ²⁺
122.1029	1	S	28		
193.1400	2	A	27	2744.6199	1372.8139
290.1928	3	P	26	2673.5828	1337.2953
387.2456	4	P	25	2576.5300	1288.7689
549.4037	5	K	24	2479.4772	1240.2425
662.4877	6	L	23	2317.3191	1159.1635
733.5248	7	A	22	2204.2351	1102.6214
820.5569	8	S	21	2133.1980	1067.1029
933.6409	9	L	20	2046.1659	1023.5869
1095.7990	10	K	19	1933.0819	967.0448
1152.8205	11	G	18	1770.9238	885.9658
1251.8889	12	V	17	1713.9023	857.4551
1350.9573	13	V	16	1614.8339	807.9209
1448.0101	14	P	15	1515.7655	758.3867
1577.0527	15	E	14	1418.7127	709.8603
1692.0796	16	D	13	1289.6701	645.3390
1763.1167	17	A	12	1174.6432	587.8255
1862.1852	18	V	11	1103.6061	552.3069
1991.2278	19	E	10	1004.5376	502.7727
2092.2754	20	T	9	875.4951	438.2514
2205.3595	21	L	8	774.4474	387.7276
2276.3966	22	A	7	661.3633	331.1856
2333.4181	23	G	6	590.3262	295.6670
2420.4501	24	S	5	533.3047	267.1563
2533.5342	25	L	4	446.2727	223.6403
2590.5556	26	G	3	333.1886	167.0982
2691.6033	27	T	2	276.1672	138.5875
	28	R	1	175.1195	88.0637

N-term:+35.07 K(5):+162.16
 K(10):+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+

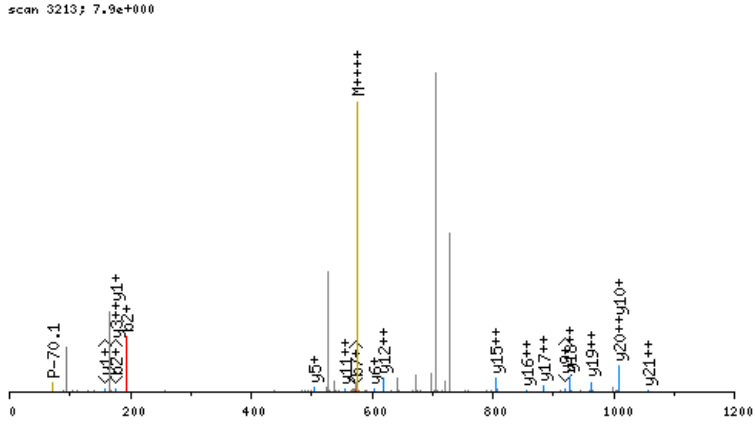
z + 2+ 3+

hide H₂O/NH₃

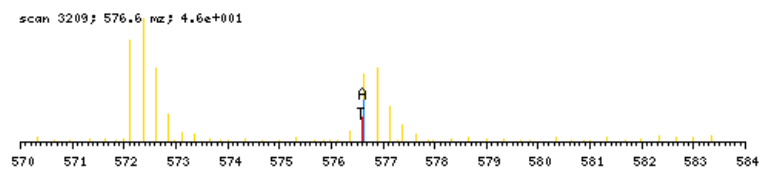
zoom 112-122

GO

SAPASGTPNKETAGLKVGVSSR, MH+ 2303.3419, m/z 576.5909
 H OSG40 P180811 230811-s1.03213.03213.4.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	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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

SASSTNLKDVLSNLIPEQAR, MH+ 2373.4202, m/z 594.1105
 H OSG40 P180811 230811-s1.08796.08796.4.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+

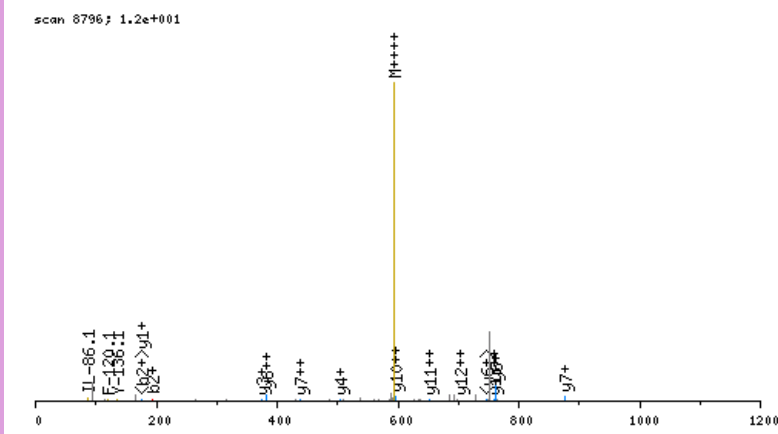
y + 2+ 3+

z + 2+ 3+

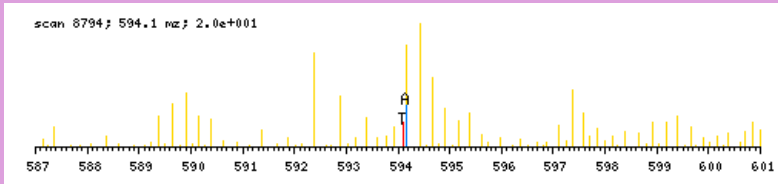
hide H₂O/NH₃

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 21		
193.1400	2	A 20	2252.3251	1126.6665
280.1721	3	S 19	2181.2880	1091.1479
367.2041	4	S 18	2094.2560	1047.6319
468.2518	5	T 17	2007.2239	1004.1159
582.2947	6	N 16	1906.1762	953.5920
695.3788	7	L 15	1792.1333	896.5706
857.5369	8	K 14	1679.0493	840.0285
972.5638	9	D 13	1516.8912	758.9495
1071.6322	10	V 12	1401.8642	701.4360
1184.7163	11	L 11	1302.7958	651.9018
1271.7483	12	S 10	1189.7117	595.3598
1385.7912	13	N 9	1102.6797	551.8438
1498.8753	14	L 8	988.6368	494.8223
1611.9594	15	I 7	875.5527	438.2803
1709.0121	16	P 6	762.4686	381.7382
1871.1702	17	K 5	665.4159	333.2119
2000.2128	18	E 4	503.2578	252.1328
2128.2714	19	Q 3	374.2152	187.6115
2199.3085	20	A 2	246.1566	123.5822
	21	R 1	175.1195	88.0637

N-term:+35.07 K(8):+162.16
 K(17):+162.16

SATHHKTSLPQGVK, MH+ 1586.9403, m/z 529.6516
 H OSG40 P180811 230811-s1.02735.02735.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

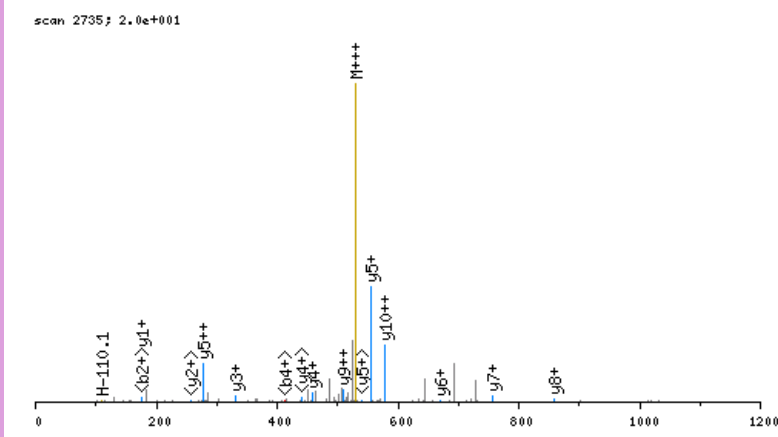
y + 2+ 3+

z + 2+ 3+

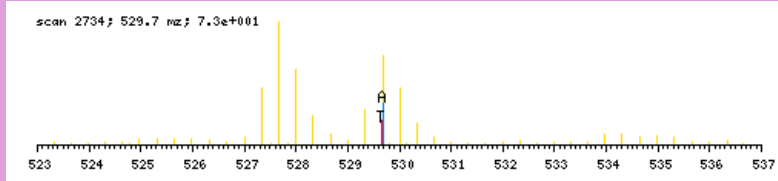
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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+ 1461.7297, m/z 487.9148
 L OSG37 P180811 230811-s1.02286.02286.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

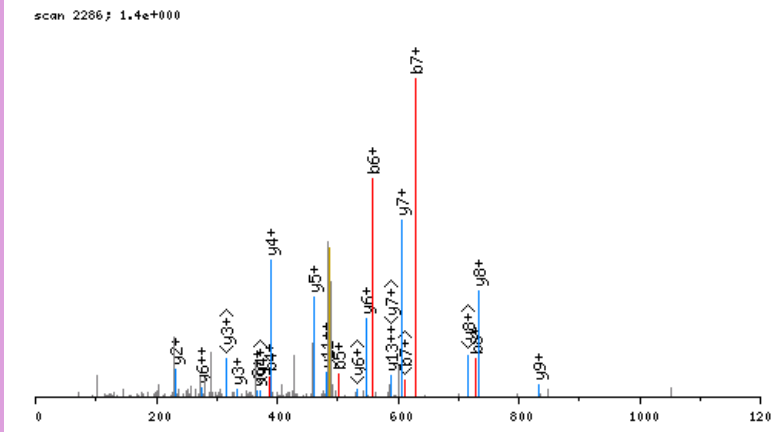
y + 2+ 3+

z + 2+ 3+

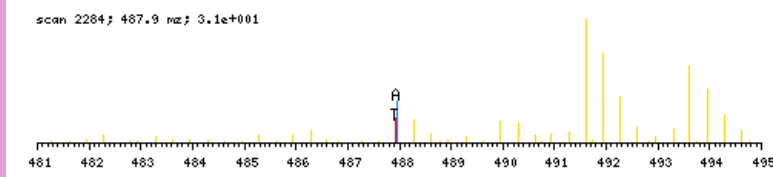
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
187.1082	2	A 15	1346.6664	673.8371
288.1559	3	T 14	1275.6293	638.3186
387.2243	4	V 13	1174.5816	587.7947
501.2673	5	N 12	1075.5132	538.2605
558.2887	6	G 11	961.4703	481.2391
629.3258	7	A 10	904.4488	452.7283
728.3943	8	V 9	833.4117	417.2098
857.4368	9	E 8	734.3433	367.6756
914.4583	10	G 7	605.3007	303.1543
1001.4903	11	S 6	548.2792	274.6435
1072.5275	12	A 5	461.2472	231.1275
1129.5489	13	G 4	390.2101	195.6090
1230.5966	14	T 3	333.1886	167.0982
1287.6181	15	G 2	232.1410	116.5744
	16	R 1	175.1195	88.0637

N-term:+29.04

SAVLTTQ GKASDVLVQGEGR, MH+ 2072.1352, m/z 691.3832
 L OSG39 P180811 230811-s1.03850.03850.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

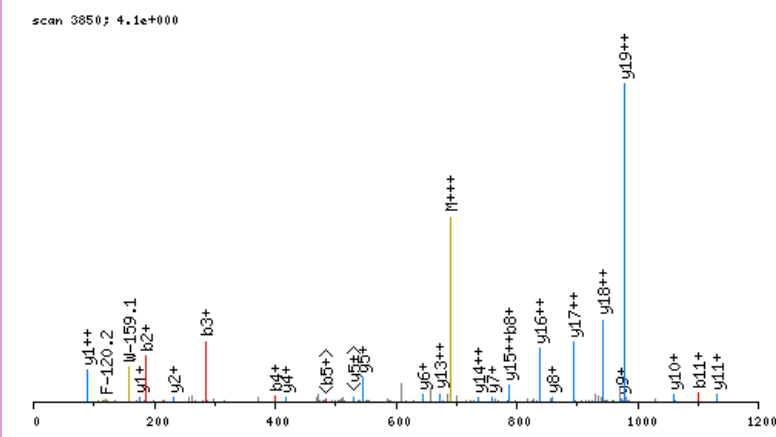
y + 2+ 3+

z + 2+ 3+

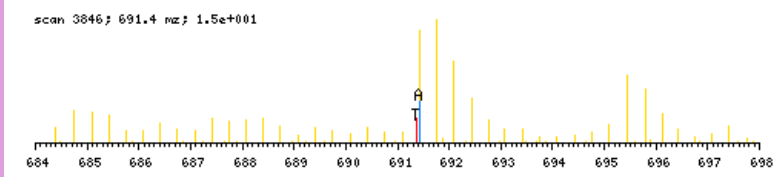
hide H₂O/NH₃

zoom 112-122

GO



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



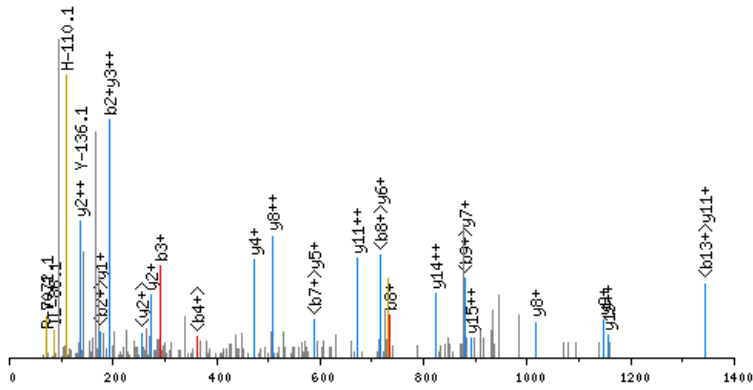
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 20		
187.1082	2	A 19	1957.0719	979.0398
286.1767	3	V 18	1886.0348	943.5213
399.2607	4	L 17	1786.9663	893.9871
500.3084	5	T 16	1673.8823	837.4450
601.3561	6	T 15	1572.8346	786.9212
729.4147	7	Q 14	1471.7869	736.3974
786.4361	8	G 13	1343.7283	672.3681
942.5624	9	K 12	1286.7069	643.8574
1013.5995	10	A 11	1130.5806	565.7942
1100.6316	11	S 10	1059.5435	530.2756
1215.6585	12	D 9	972.5114	486.7596
1314.7269	13	V 8	857.4845	429.2462
1427.8110	14	L 7	758.4161	379.7120
1526.8794	15	V 6	645.3320	323.1699
1654.9380	16	Q 5	546.2636	273.6357
1711.9594	17	G 4	418.2050	209.6064
1841.0020	18	E 3	361.1836	181.0957
1898.0235	19	G 2	232.1410	116.5744
	20	R 1	175.1195	88.0637

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

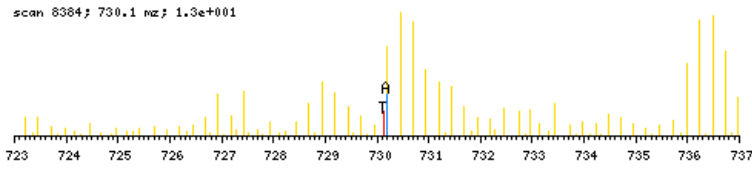
SAVSGPAEYLQHSIVPTMHYQDSLPR, MH+ 2917.4730, m/z 730.1237
 H OSG40 P180811 230811-s1.08388.08388.4.dta

scan 8388; 5.3e-001



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

scan 8384; 730.1 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

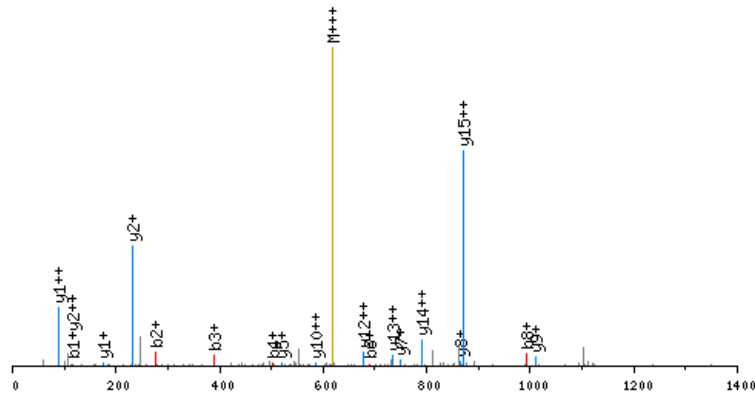
GO

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 26		
193.1400	2	A 25	2796.3779	1398.6929
292.2085	3	V 24	2725.3408	1363.1743
379.2405	4	S 23	2626.2724	1313.6401
436.2619	5	G 22	2539.2404	1270.1241
533.3147	6	P 21	2482.2189	1241.6134
604.3518	7	A 20	2385.1661	1193.0870
733.3944	8	E 19	2314.1290	1157.5684
896.4577	9	Y 18	2185.0864	1093.0471
1009.5418	10	L 17	2022.0231	1011.5155
1137.6004	11	Q 16	1908.9390	954.9734
1274.6593	12	H 15	1780.8805	890.9441
1361.6913	13	S 14	1643.8216	822.4147
1474.7754	14	I 13	1556.7895	778.8987
1573.8438	15	V 12	1443.7055	722.3566
1670.8966	16	P 11	1344.6370	672.8224
1771.9442	17	T 10	1247.5843	624.2961
1902.9847	18	M 9	1146.5366	573.7722
2040.0436	19	H 8	1015.4961	508.2520
2203.1070	20	Y 7	878.4372	439.7225
2331.1656	21	Q 6	715.3739	358.1909
2446.1925	22	D 5	587.3153	294.1616
2533.2245	23	S 4	472.2884	236.6481
2646.3086	24	L 3	385.2563	193.1321
2743.3614	25	P 2	272.1723	136.5900
	26	R 1	175.1195	88.0637

N-term:+35.07

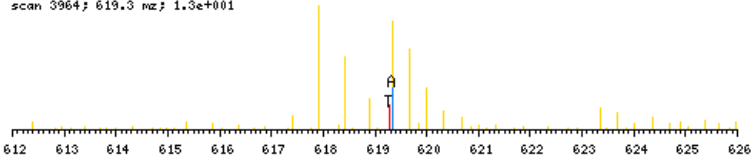
SCNLGKFKDETADGR, MH+ 1855.8496, m/z 619.2880
 L OSG40 P180811 230811-s1.03965.03965.3.dta

scan 3965; 4.5e+000



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

scan 3964; 619.3 mz; 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⁺
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

SCQDSLIDYWTIHGLWPDR, MH+ 2277.0398, m/z 759.6848
 L OSG39 P180811 230811-s1.07748.07748.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

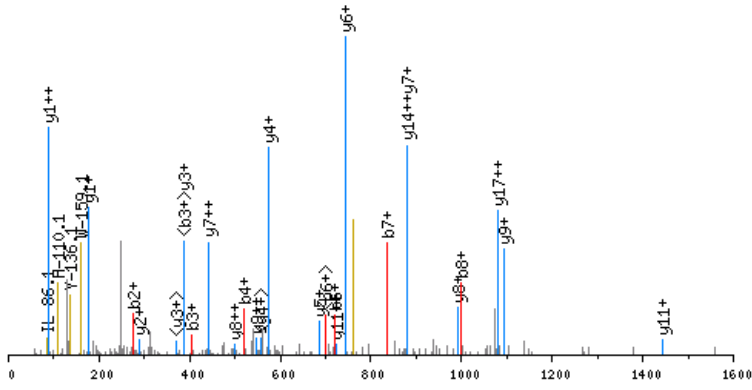
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

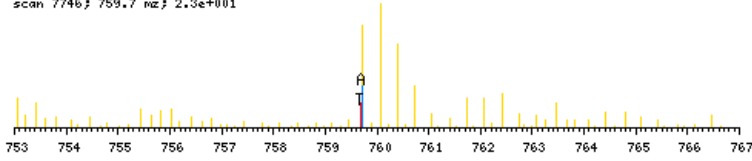
GO

scan 7748; 1.2e+000



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

scan 7746; 759.7 m/z; 2.3e+001



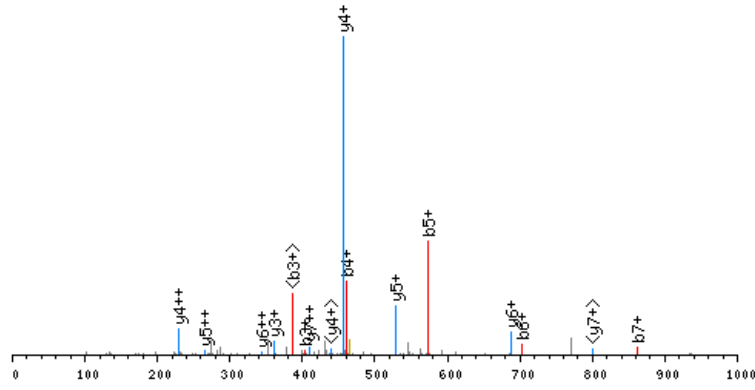
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	18		
276.1017	2	C	17	2161.9765	1081.4922
404.1603	3	Q	16	2001.9459	1001.4769
519.1872	4	D	15	1873.8873	937.4476
606.2193	5	S	14	1758.8604	879.9341
719.3033	6	L	13	1671.8284	836.4181
834.3303	7	D	12	1558.7443	779.8761
997.3936	8	Y	11	1443.7173	722.3626
1183.4729	9	W	10	1280.6540	640.8309
1284.5206	10	T	9	1094.5747	547.7913
1397.6047	11	I	8	993.5270	497.2674
1534.6636	12	H	7	880.4430	440.7254
1591.6850	13	G	6	743.3840	372.1959
1704.7691	14	L	5	686.3626	343.6852
1890.8484	15	W	4	573.2785	287.1432
1987.9012	16	P	3	387.1992	194.1035
2102.9281	17	D	2	290.1464	145.5771
	18	R	1	175.1195	88.0637

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

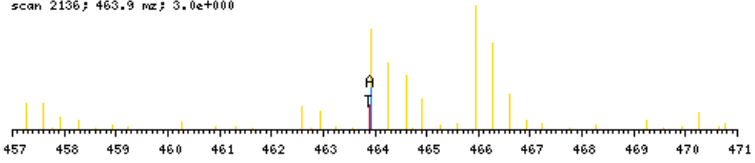
SCQGIQCAPGQR, MH+ 1389.6366, m/z 463.8837
 L OSG38 P180811 230811-s1.02138.02138.3.dta

scan 2138; 4.3e+000



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

scan 2136; 463.9 m/z; 3.0e+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	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

SDAPPLTLGDIKDR, MH+ 1553.8539, m/z 518.6228
 L OSG39 P180811 230811-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+

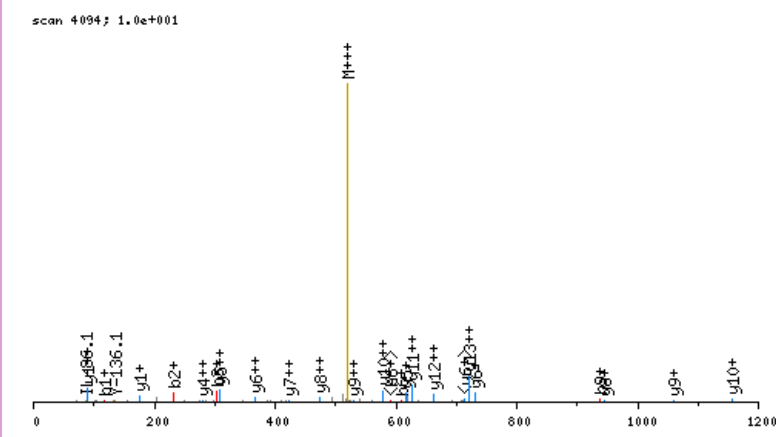
y + 2+ 3+

z + 2+ 3+

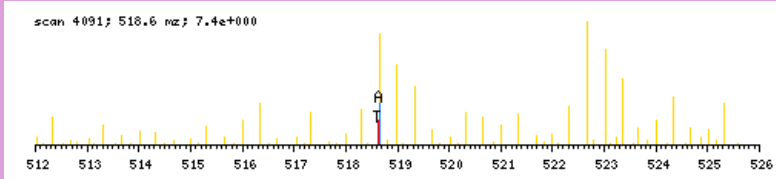
hide H₂O/NH₃

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⁺
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

SDFSEGOAVGAHR, MH+ 1388.6558, m/z 463.5568
 L OSG40 P180811 230811-s1.02672.02672.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

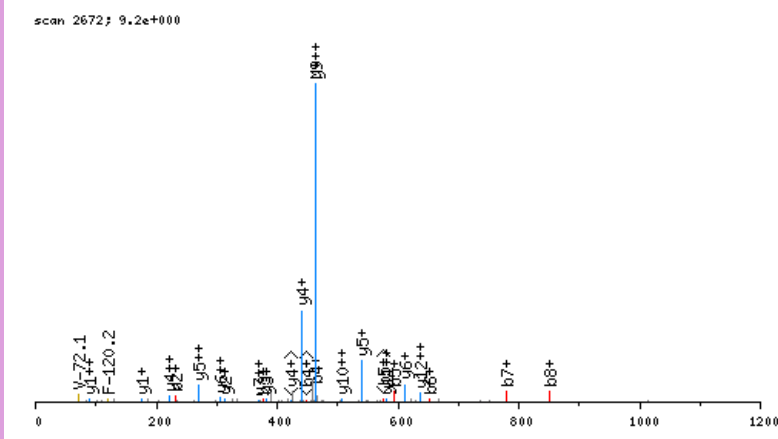
y + 2+ 3+

z + 2+ 3+

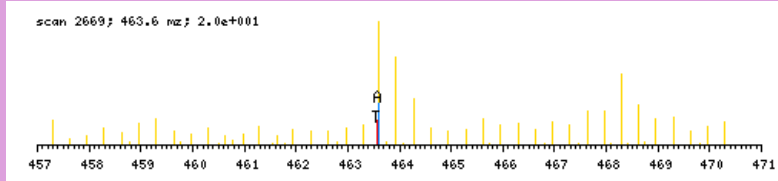
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

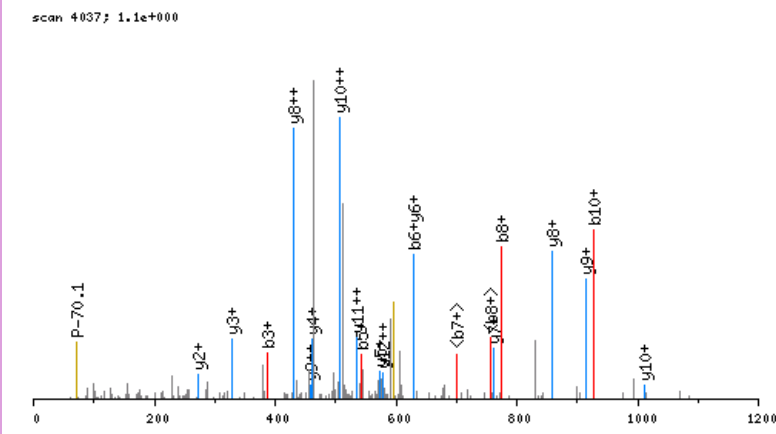
y + 2+ 3+

z + 2+ 3+

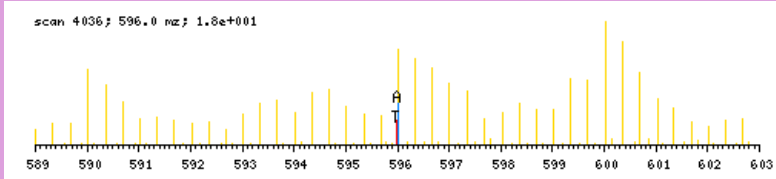
hide H₂O/NH₃

zoom 112-122

GO



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



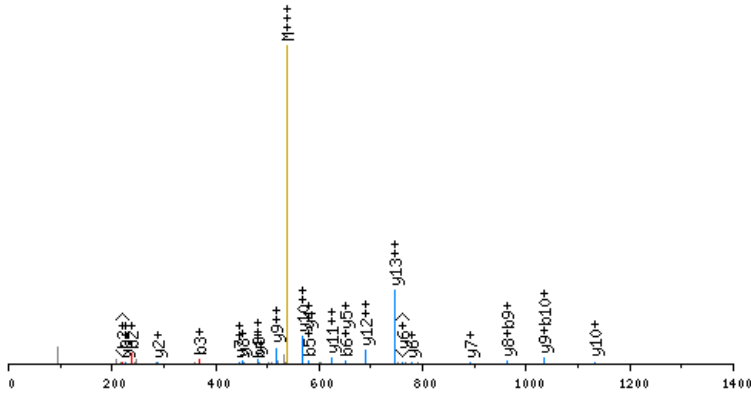
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 18		
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

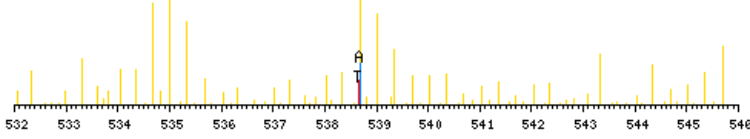
SDMIVAAIQAEKNR, MH+ 1613.9321, m/z 538.6489
 H OSG39 P180811 230811-s1.05022.05022.3.dta

scan 5022; 1.1e+001



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

scan 5021; 538.6 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⁺
122.1029	1	S	14		
237.1299	2	D	13	1492.8370	746.9224
368.1704	3	M	12	1377.8101	689.4089
481.2544	4	I	11	1246.7696	623.8887
580.3228	5	V	10	1133.6855	567.3467
651.3599	6	A	9	1034.6171	517.8125
722.3971	7	A	8	963.5800	482.2939
835.4811	8	I	7	892.5429	446.7754
963.5397	9	Q	6	779.4588	390.2333
1034.5768	10	A	5	651.4002	326.2040
1163.6194	11	E	4	580.3631	290.6855
1325.7775	12	K	3	451.3205	226.1642
1439.8204	13	N	2	289.1624	145.0851
	14	R	1	175.1195	88.0637

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

SDNQPGLIQVYEGER, MH+ 1837.9508, m/z 613.3218
 H OSG37 P180811 230811-s1.06603.06603.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

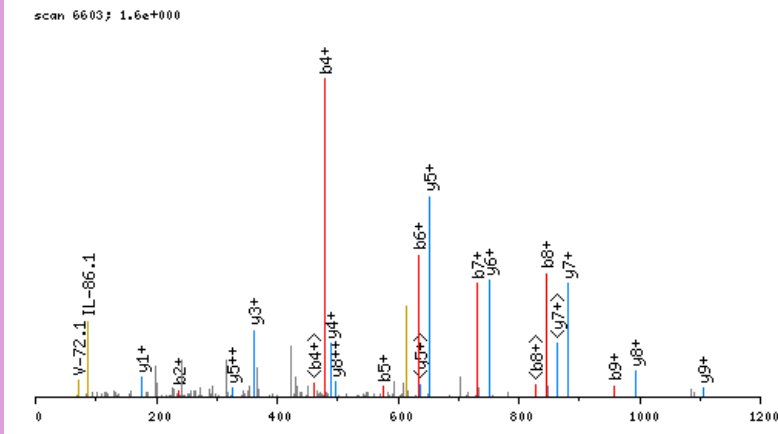
y + 2+ 3+

z + 2+ 3+

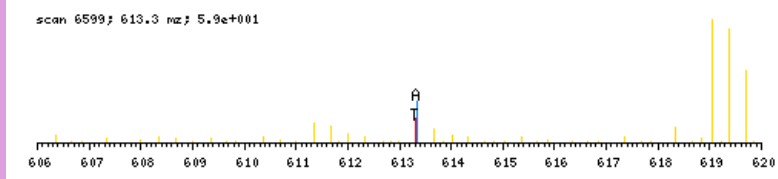
hide H₂O/NH₃

zoom 112-122

GO



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



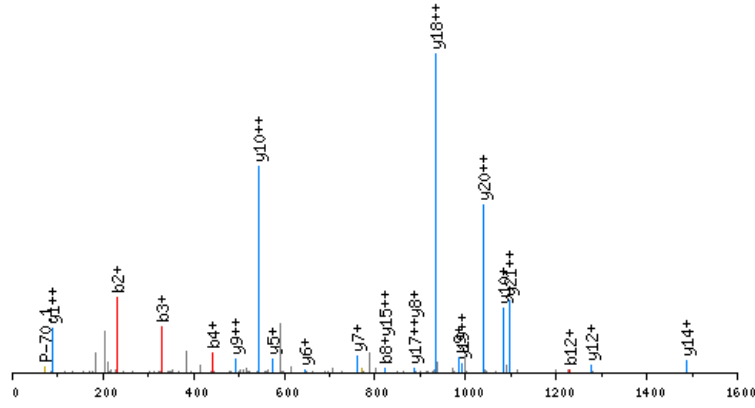
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 16		
237.1299	2	D 15	1716.8557	858.9318
351.1728	3	N 14	1601.8287	801.4183
479.2314	4	Q 13	1487.7858	744.3968
576.2841	5	P 12	1359.7272	680.3675
633.3056	6	G 11	1262.6745	631.8412
732.3740	7	V 10	1205.6530	603.3304
845.4581	8	L 9	1106.5846	553.7962
958.5421	9	I 8	993.5005	497.2542
1086.6007	10	Q 7	880.4165	440.7121
1185.6691	11	V 6	752.3579	376.6829
1348.7325	12	Y 5	653.2895	327.1487
1477.7751	13	E 4	490.2262	245.6170
1534.7965	14	G 3	361.1836	181.0957
1663.8391	15	E 2	304.1621	152.5850
	16	R 1	175.1195	88.0637

N-term:+35.07

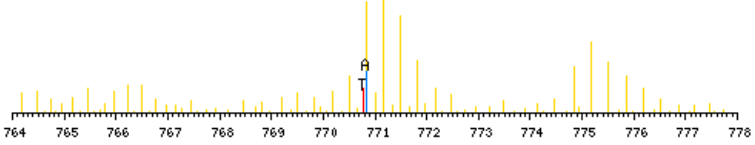
SDPIPGAKPLPVPPELAPFVGR, MH+ 2310.3226, m/z 770.7790
L OSG38 P180811 230811-s1.07887.07887.3.dta

scan 7887; 5.2e+000



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

scan 7884; 770.8 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⁺
116.0711	1	S 22		
231.0981	2	D 21	2195.2593	1098.1335
328.1508	3	P 20	2080.2323	1040.6201
441.2349	4	I 19	1983.1796	992.0937
538.2877	5	P 18	1870.0955	935.5517
595.3091	6	G 17	1773.0427	887.0253
666.3462	7	A 16	1716.0213	858.5145
822.4725	8	K 15	1644.9842	822.9960
919.5253	9	P 14	1488.8579	744.9328
1032.6094	10	L 13	1391.8051	696.4065
1129.6621	11	P 12	1278.7210	639.8644
1228.7305	12	V 11	1181.6683	591.3380
1325.7833	13	P 10	1082.5999	541.8038
1422.8361	14	P 9	985.5471	493.2775
1551.8787	15	E 8	888.4943	444.7511
1664.9627	16	L 7	759.4517	380.2298
1735.9998	17	A 6	646.3677	323.6877
1833.0526	18	P 5	575.3306	288.1692
1980.1210	19	F 4	478.2778	239.6428
2079.1894	20	V 3	331.2094	166.1086
2136.2109	21	G 2	232.1410	116.5744
	22	R 1	175.1195	88.0637

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

SDPQPLQEER, MH+ 1232.6335, m/z 616.8204
 H OSG37 P180811 230811-s1.02310.02310.2.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+

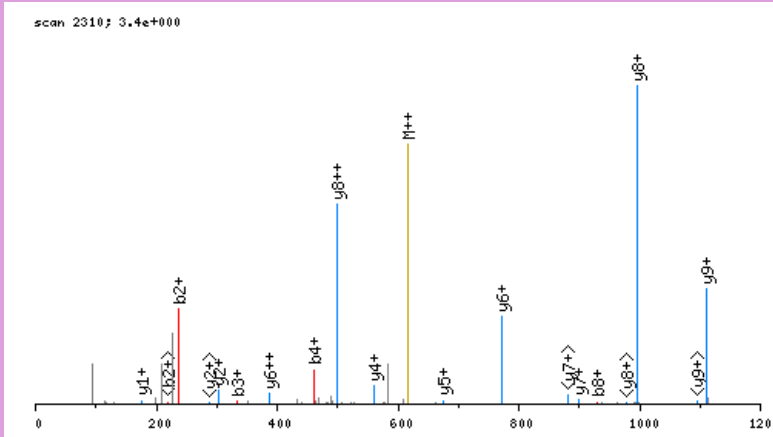
y + 2+ 3+

z + 2+ 3+

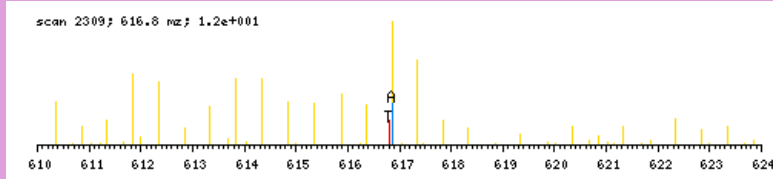
hide H₂O/NH₃

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		
237.1299	2	D 9	1111.5384	556.2731
334.1826	3	P 8	996.5114	498.7596
462.2412	4	Q 7	899.4587	450.2332
559.2940	5	P 6	771.4001	386.2040
672.3780	6	L 5	674.3473	337.6776
800.4366	7	Q 4	561.2633	281.1355
929.4792	8	E 3	433.2047	217.1063
1058.5218	9	E 2	304.1621	152.5850
	10	R 1	175.1195	88.0637

N-term:+35.07

SDSASAVAPLAPGSEDNFAR, MH+ 1995.9835, m/z 665.9994
 H OSG37 P180811 230811-s1.05441.05441.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

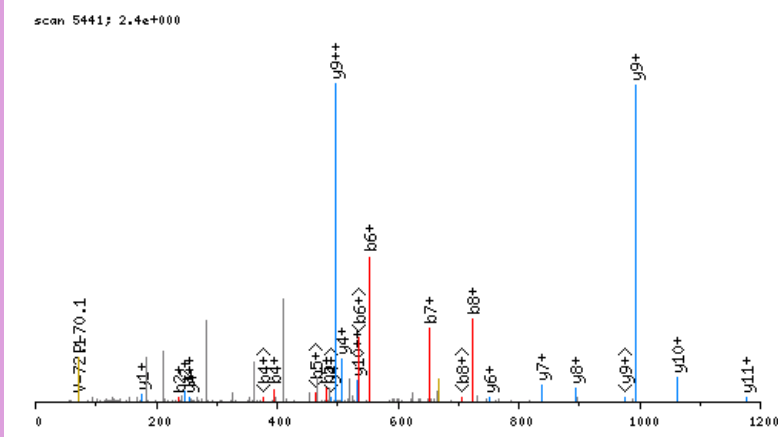
y + 2+ 3+

z + 2+ 3+

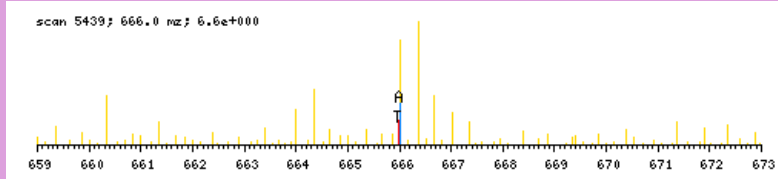
hide H₂O/NH₃

zoom 112-122

GO



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



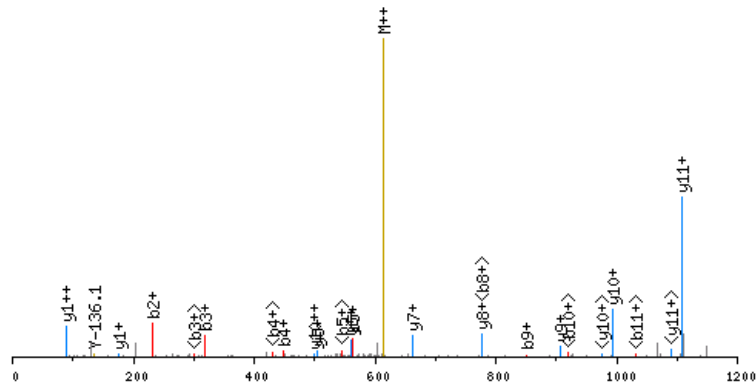
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 20		
237.1299	2	D 19	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

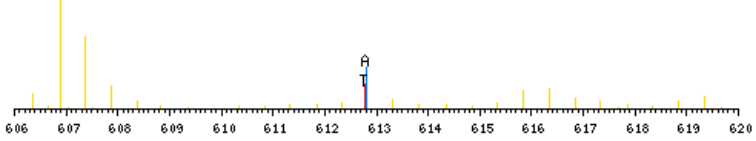
SDSMDTGAGSIR, MH+ 1224.5530, m/z 612.7801
 L OSG37 P180811 230811-s1.02577.02577.2.dta

scan 2577; 3.3e+000



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

scan 2574; 612.8 m/z; 5.1e+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⁺
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 OSG40 P180811 230811-s1.02125.02125.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

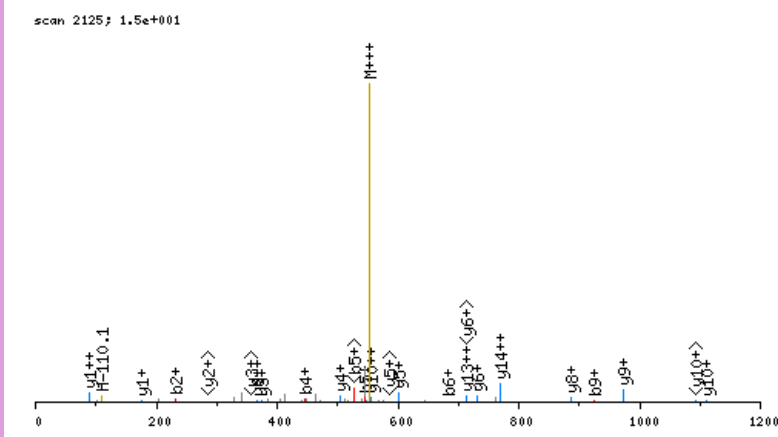
y + 2+ 3+

z + 2+ 3+

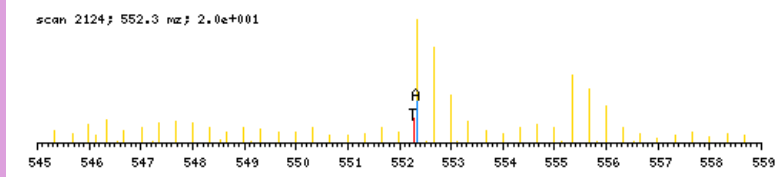
hide H₂O/NH₃

zoom 112-122

GO



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



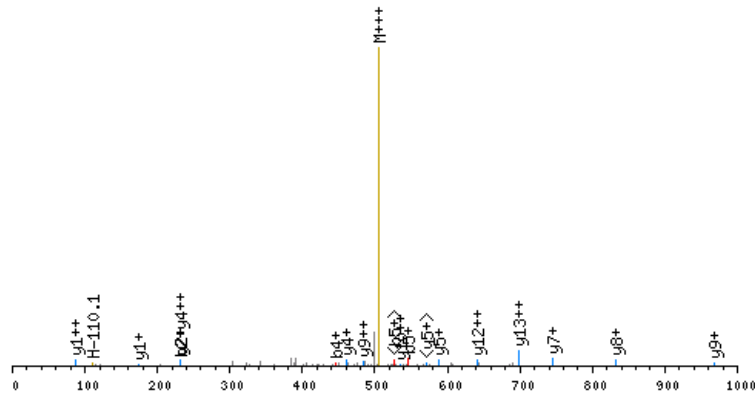
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

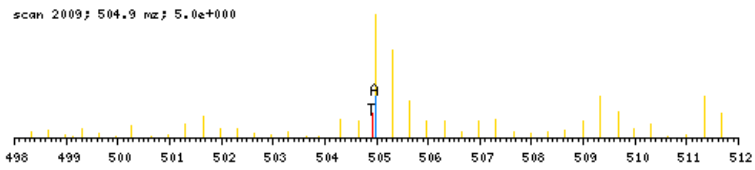
SDSQVHSGVQVEGR, MH+ 1512.7406, m/z 504.9184
 L OSG40 P180811 230811-s1.02012.02012.3.dta

scan 2012; 9.5e+000



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

scan 2009; 504.9 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⁺
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

SDSSSDSMDTGAGSIR, MH+ 1513.6440, m/z 505.2195
 L OSG37 P180811 230811-s1.02640.02640.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

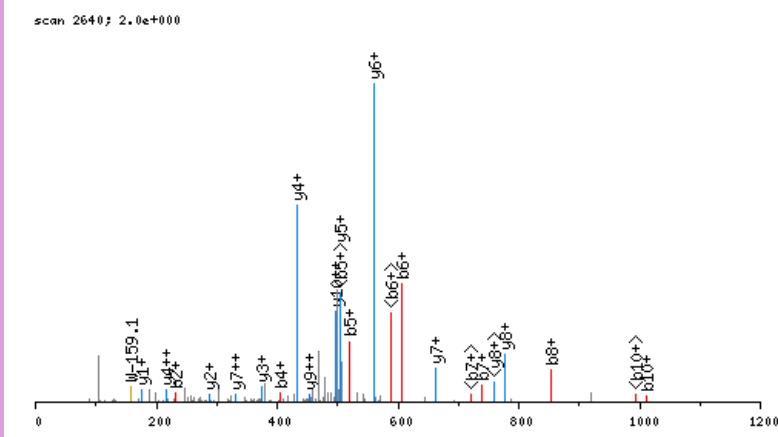
y + 2+ 3+

z + 2+ 3+

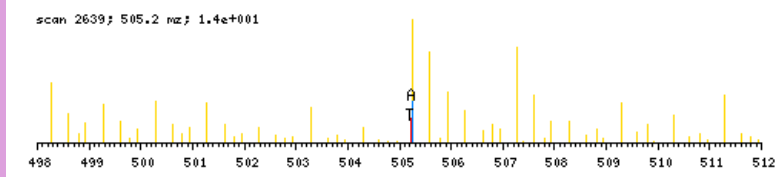
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	699.7943
318.1301	3	S 13	1283.5538	642.2808
405.1621	4	S 12	1196.5217	598.7648
520.1891	5	D 11	1109.4897	555.2488
607.2211	6	S 10	994.4628	497.7353
738.2616	7	M 9	907.4307	454.2193
853.2885	8	D 8	776.3903	388.6990
954.3362	9	T 7	661.3633	331.1856
1011.3577	10	G 6	560.3156	280.6617
1082.3948	11	A 5	503.2942	252.1510
1139.4162	12	G 4	432.2571	216.6324
1226.4483	13	S 3	375.2356	188.1217
1339.5323	14	I 2	288.2036	144.6057
	15	R 1	175.1195	88.0637

N-term:+29.04

SDVLELTDENFESR, MH+ 1681.7921, m/z 841.3997
 L OSG37 P180811 230811-s1.06930.06930.2.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+

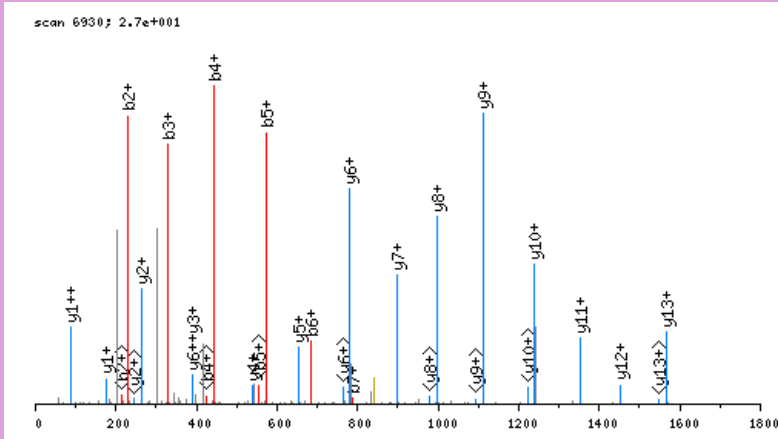
y + 2+ 3+

z + 2+ 3+

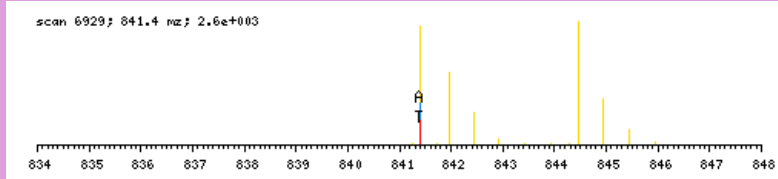
hide H₂O/NH₃

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

SEAESHVSGVSMVVPSTER, MH+ 2015.9708, m/z 672.6618
 L OSG39 P180811 230811-s1.03755.03755.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

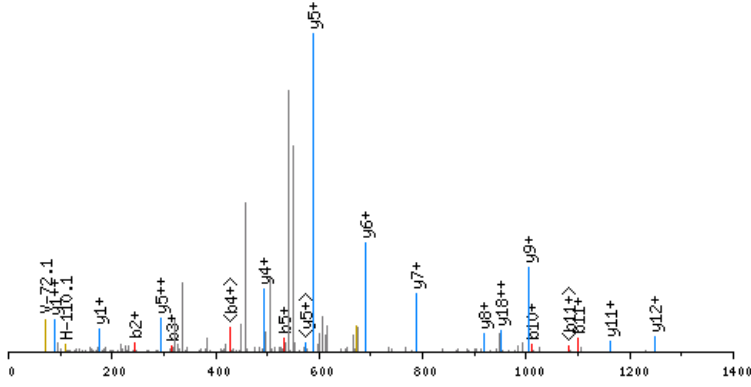
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

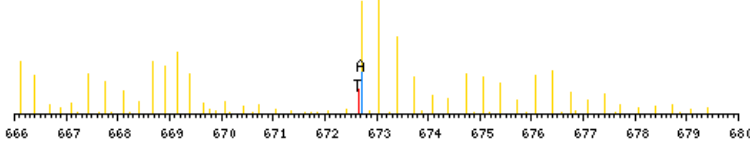
scan 3755; 1.9e+000



click image to zoom in; click top corners to zoom out

[precursor±]

scan 3751; 672.7 m/z; 1.6e+001



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	1900.9075	950.9576
316.1508	3	A 17	1771.8649	886.4363
445.1934	4	E 16	1700.8278	850.9178
532.2255	5	S 15	1571.7852	786.3965
669.2844	6	H 14	1484.7531	742.8805
768.3528	7	V 13	1347.6942	674.3510
855.3848	8	S 12	1248.6258	624.8168
912.4063	9	G 11	1161.5938	581.3008
1011.4747	10	V 10	1104.5723	552.7901
1098.5067	11	S 9	1005.5039	503.2559
1229.5472	12	M 8	918.4719	459.7399
1328.6156	13	V 7	787.4314	394.2196
1427.6840	14	V 6	688.3630	344.6854
1524.7368	15	P 5	589.2946	295.1512
1611.7688	16	S 4	492.2418	246.6248
1712.8165	17	T 3	405.2098	203.1088
1841.8591	18	E 2	304.1621	152.5850
	19	R 1	175.1195	88.0637

N-term:+29.04

SEEPGEEEPAAVQTER, MH+ 1900.8565, m/z 634.2903
 L OSG37 P180811 230811-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+

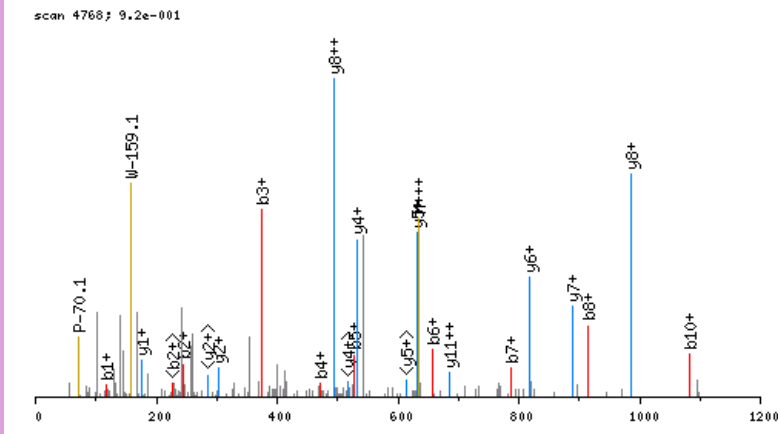
y + 2+ 3+

z + 2+ 3+

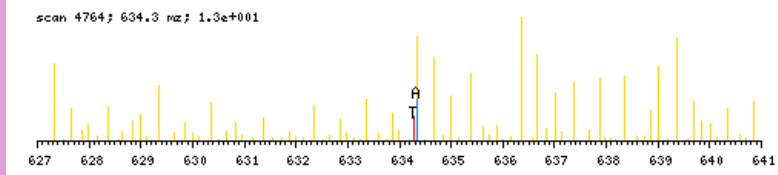
hide H₂O/NH₃

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⁺
116.0711	1	S 16		
245.1137	2	E 15	1785.7931	893.4005
374.1563	3	E 14	1656.7506	828.8792
471.2091	4	P 13	1527.7080	764.3579
528.2305	5	G 12	1430.6552	715.8315
657.2731	6	E 11	1373.6337	687.3208
786.3157	7	E 10	1244.5911	622.7995
915.3583	8	E 9	1115.5485	558.2782
1012.4111	9	P 8	986.5060	493.7569
1083.4482	10	A 7	889.4532	445.2305
1269.5275	11	W 6	818.4161	409.7120
1368.5959	12	V 5	632.3368	316.6723
1496.6545	13	Q 4	533.2683	267.1381
1597.7022	14	T 3	405.2098	203.1088
1726.7448	15	E 2	304.1621	152.5850
	16	R 1	175.1195	88.0637

N-term:+29.04

SEFGDSSSPATR, MH+ 1268.5759, m/z 634.7916
 L OSG37 P180811 230811-s1.02263.02263.2.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+

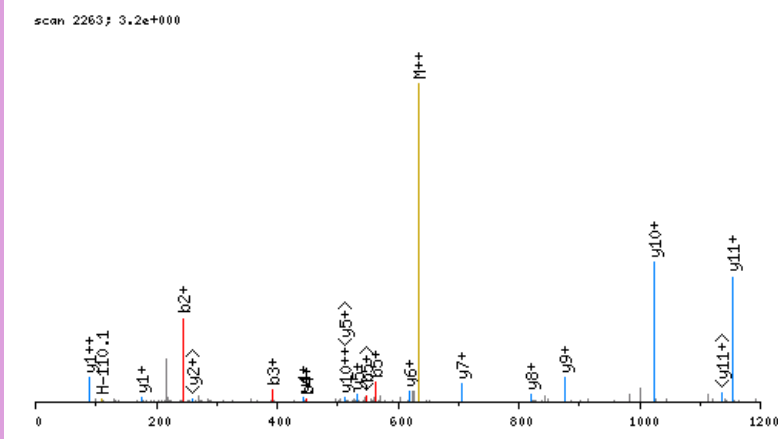
y + 2+ 3+

z + 2+ 3+

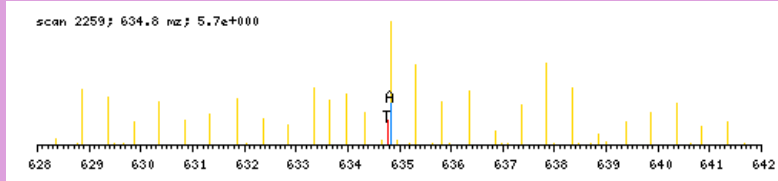
hide H₂O/NH₃

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		
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

SEFTSSLSTKESLR, MH+ 1627.8543, m/z 543.2896
 L OSG40 P180811 230811-s1.04697.04697.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

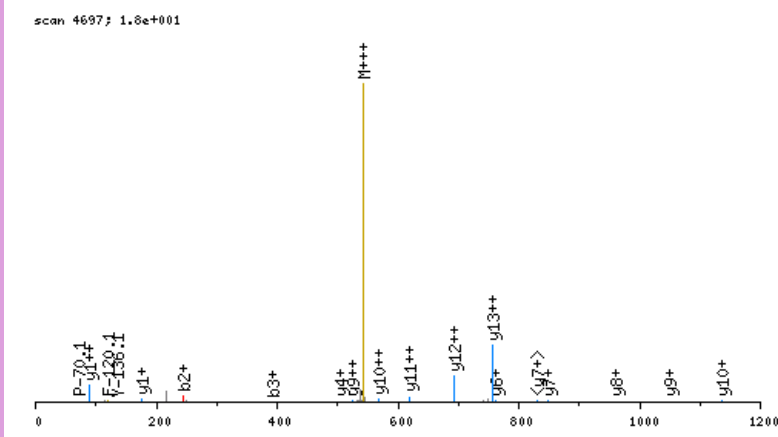
y + 2+ 3+

z + 2+ 3+

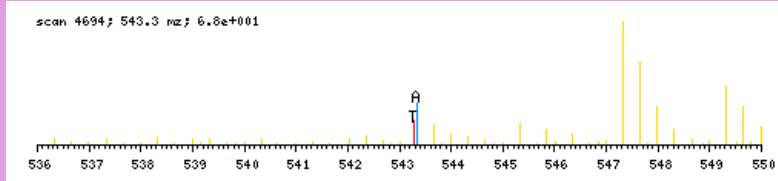
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
245.1137	2	E 13	1512.7910	756.8994
392.1821	3	F 12	1383.7484	692.3781
493.2298	4	T 11	1236.6800	618.8439
580.2618	5	S 10	1135.6323	568.3201
667.2939	6	S 9	1048.6003	524.8041
780.3779	7	L 8	961.5683	481.2880
867.4100	8	S 7	848.4842	424.7460
968.4576	9	T 6	761.4522	381.2300
1124.5839	10	K 5	660.4045	330.7062
1253.6265	11	E 4	504.2782	252.6430
1340.6586	12	S 3	375.2356	188.1217
1453.7426	13	L 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+29.04 K(10):+156.13

SEIPLNLPKSLAELR, MH+ 1748.0958, m/z 583.3701
 H OSG39 P180811 230811-s1.07279.07279.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

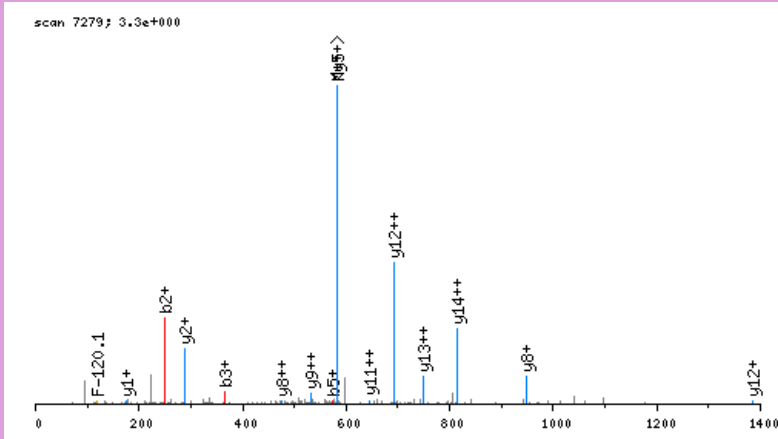
y + 2+ 3+

z + 2+ 3+

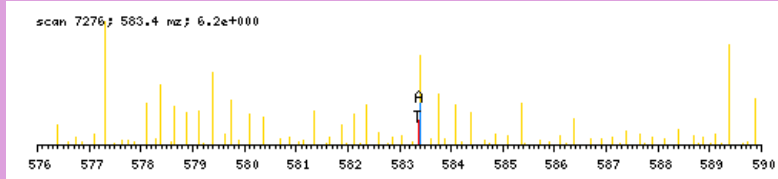
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1627.0007	814.0043
364.2296	3	I	13	1497.9581	749.4830
461.2823	4	P	12	1384.8740	692.9409
574.3664	5	L	11	1287.8213	644.4146
688.4093	6	N	10	1174.7372	587.8725
801.4934	7	L	9	1060.6943	530.8511
898.5462	8	P	8	947.6102	474.3090
1060.7043	9	K	7	850.5575	425.7826
1147.7363	10	S	6	688.3994	344.7036
1260.8204	11	L	5	601.3673	301.1876
1331.8575	12	A	4	488.2833	244.6455
1460.9001	13	E	3	417.2462	209.1270
1573.9841	14	L	2	288.2036	144.6057
	15	R	1	175.1195	88.0637

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

SEKPGPKAAEVGDDFLGDFVVGER, MH+ 2603.3358, m/z 651.5894
 L OSG40 P180811 230811-s1.08278.08278.4.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+

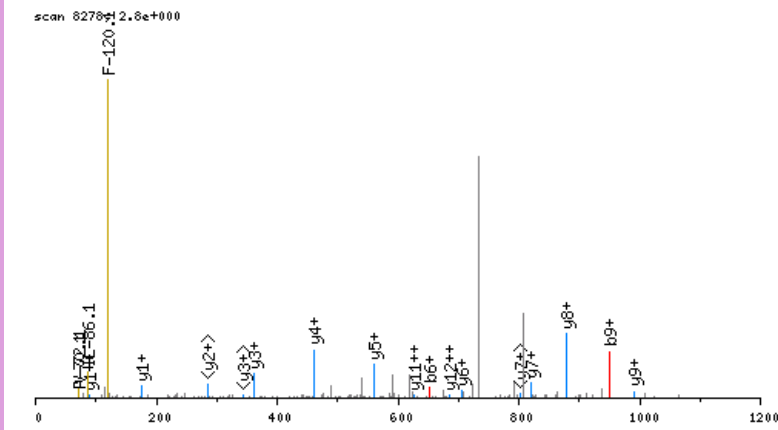
y + 2+ 3+

z + 2+ 3+

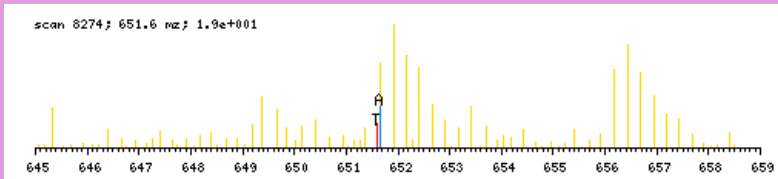
hide H₂O/NH₃

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 24		
245.1137	2	E 23	2488.2725	1244.6401
401.2400	3	K 22	2359.2299	1180.1188
498.2928	4	P 21	2203.1036	1102.0557
555.3142	5	G 20	2106.0508	1053.5293
652.3670	6	P 19	2049.0293	1025.0186
808.4933	7	K 18	1951.9766	976.4922
879.5304	8	A 17	1795.8503	898.4290
950.5675	9	A 16	1724.8132	862.9105
1079.6101	10	E 15	1653.7760	827.3919
1178.6785	11	V 14	1524.7334	762.8706
1235.7000	12	G 13	1425.6650	713.3364
1350.7270	13	D 12	1368.6436	684.8257
1465.7539	14	D 11	1253.6166	627.3122
1612.8223	15	F 10	1138.5897	569.7988
1725.9064	16	L 9	991.5213	496.2645
1782.9278	17	G 8	878.4372	439.7225
1897.9548	18	D 7	821.4157	411.2118
2045.0232	19	F 6	706.3888	353.6983
2144.0916	20	V 5	559.3204	280.1641
2243.1600	21	V 4	460.2520	230.6299
2300.1815	22	G 3	361.1836	181.0957
2429.2241	23	E 2	304.1621	152.5850
	24	R 1	175.1195	88.0637

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

SEPAMTPSKEGTLIVR, MH+ 1771.9628, m/z 591.3258
 L OSG39 P180811 230811-s1.03665.03665.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

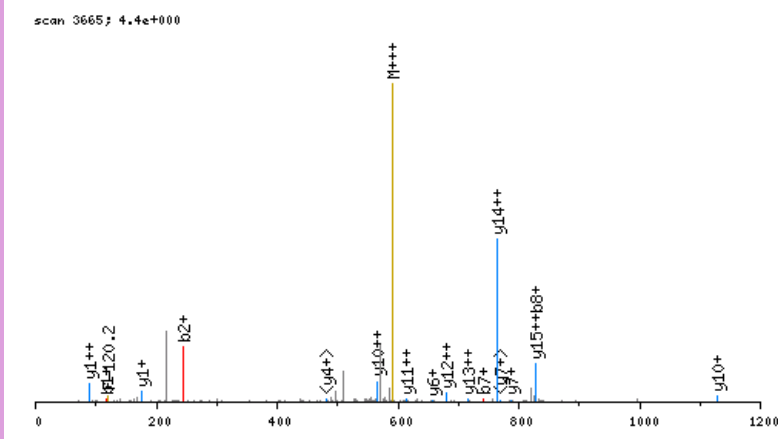
y + 2+ 3+

z + 2+ 3+

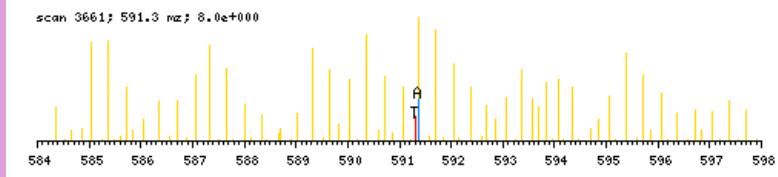
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
245.1137	2	E 15	1656.8995	828.9537
342.1665	3	P 14	1527.8569	764.4324
413.2036	4	A 13	1430.8041	715.9060
544.2441	5	M 12	1359.7670	680.3874
645.2918	6	T 11	1228.7265	614.8672
742.3445	7	P 10	1127.6789	564.3433
829.3766	8	S 9	1030.6261	515.8170
985.5029	9	K 8	943.5941	472.3010
1114.5454	10	E 7	787.4678	394.2378
1171.5669	11	G 6	658.4252	329.7165
1272.6146	12	T 5	601.4037	301.2058
1385.6987	13	L 4	500.3560	250.6819
1498.7827	14	I 3	387.2720	194.1399
1597.8511	15	V 2	274.1879	137.5979
	16	R 1	175.1195	88.0637

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

SEPSAVTPVTPPTLLIAPR, MH+ 1968.1229, m/z 656.7125
 H OSG36 P180811 230811-s1.04632.04632.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

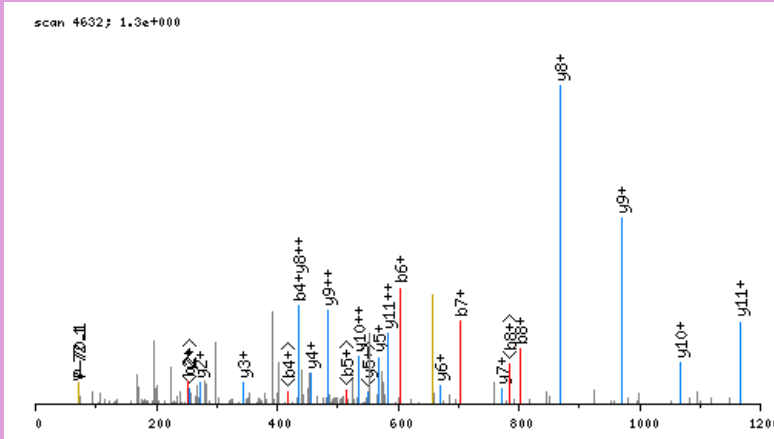
y + 2+ 3+

z + 2+ 3+

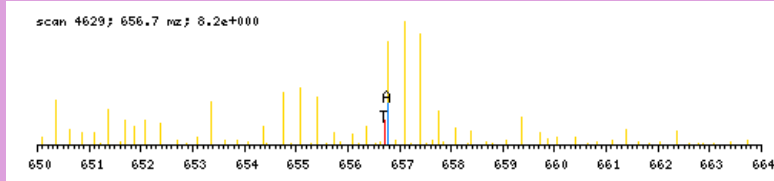
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1847.0278	924.0178
348.1983	3	P 17	1717.9852	859.4965
435.2303	4	S 16	1620.9325	810.9702
532.2831	5	P 15	1533.9005	767.4541
603.3202	6	A 14	1436.8477	718.9278
702.3886	7	V 13	1365.8106	683.4092
803.4363	8	T 12	1266.7422	633.8750
900.4890	9	P 11	1165.6945	583.3512
999.5575	10	V 10	1068.6417	534.8248
1100.6051	11	T 9	969.5733	485.2906
1197.6579	12	P 8	868.5256	434.7667
1298.7056	13	T 7	771.4729	386.2403
1399.7533	14	T 6	670.4252	335.7165
1512.8373	15	L 5	569.3775	285.1927
1625.9214	16	I 4	456.2934	228.6506
1696.9585	17	A 3	343.2094	172.1086
1794.0113	18	P 2	272.1723	136.5900
	19	R 1	175.1195	88.0637

N-term:+35.07

SESAQELAEGQR, MH+ 1332.6395, m/z 444.8847
 L OSG37 P180811 230811-s1.02493.02493.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

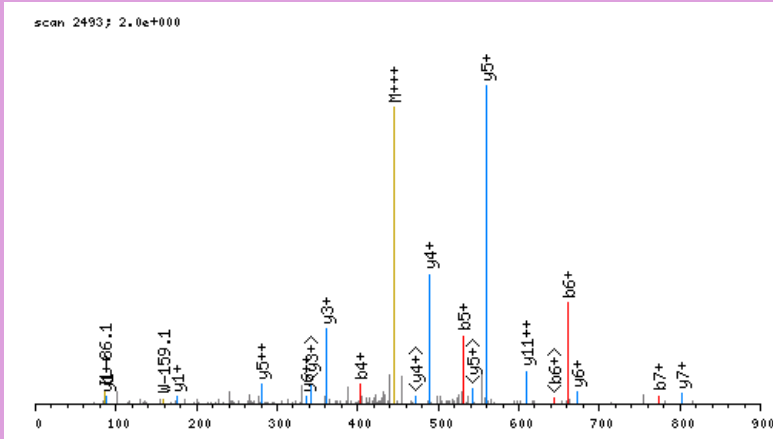
y + 2+ 3+

z + 2+ 3+

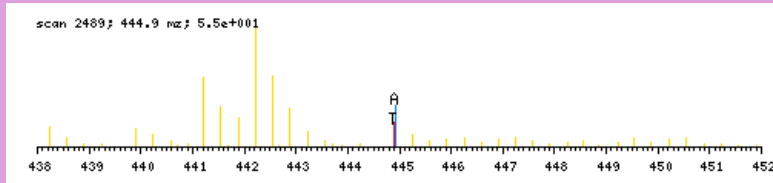
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
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

SEVPGAAAEGPGGSGVGLGDR, MH+ 1873.9468, m/z 625.3204
 H OSG37 P180811 230811-s1.04423.04423.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

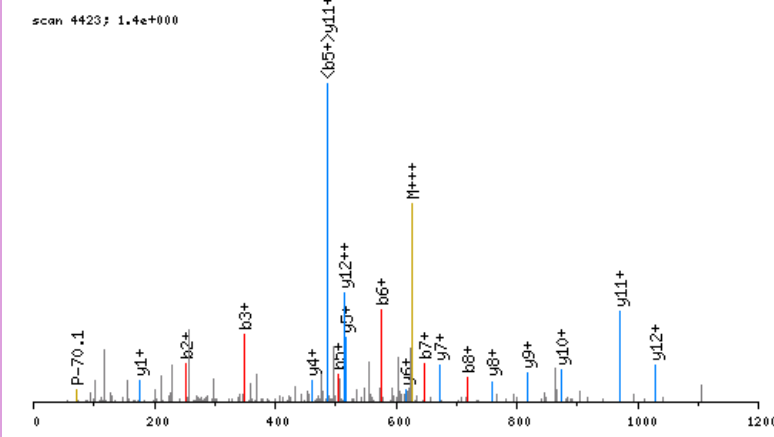
y + 2+ 3+

z + 2+ 3+

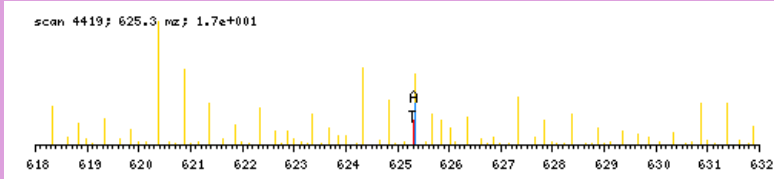
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
251.1455	2	E 20	1752.8517	876.9297
350.2139	3	V 19	1623.8091	812.4084
447.2667	4	P 18	1524.7407	762.8742
504.2882	5	G 17	1427.6879	714.3479
575.3253	6	A 16	1370.6664	685.8371
646.3624	7	A 15	1299.6293	650.3186
717.3995	8	A 14	1228.5922	614.8000
846.4421	9	E 13	1157.5551	579.2815
903.4636	10	G 12	1028.5125	514.7602
1000.5163	11	P 11	971.4910	486.2494
1057.5378	12	G 10	874.4383	437.7230
1114.5593	13	G 9	817.4168	409.2123
1201.5913	14	S 8	760.3953	380.7016
1258.6127	15	G 7	673.3633	337.1856
1357.6812	16	V 6	616.3418	308.6748
1414.7026	17	G 5	517.2734	259.1406
1527.7867	18	L 4	460.2520	230.6299
1584.8082	19	G 3	347.1679	174.0879
1699.8351	20	D 2	290.1464	145.5771
	21	R 1	175.1195	88.0637

N-term:+35.07

SEVVLSGDDEDYQR, MH+ 1645.7769, m/z 549.2638
 H OSG37 P180811 230811-s1.03938.03938.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

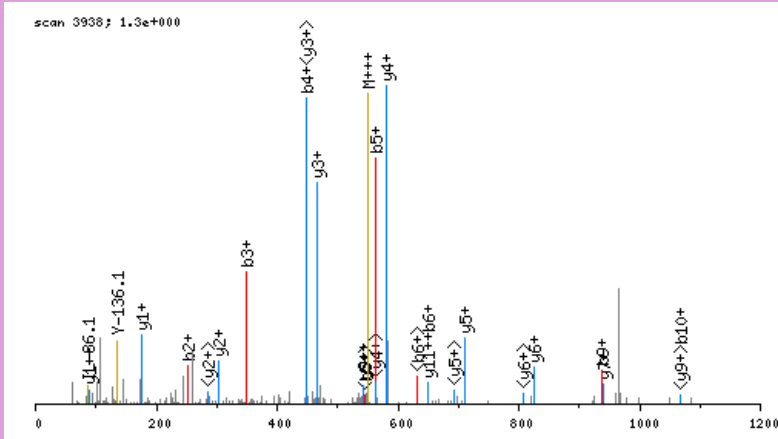
y + 2+ 3+

z + 2+ 3+

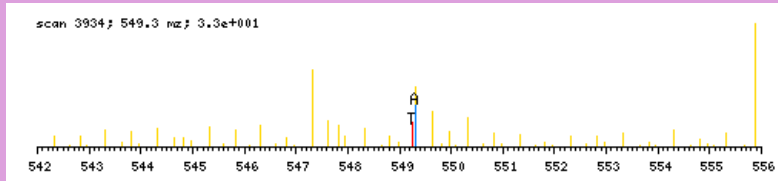
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
251.1455	2	E 13	1524.6818	762.8448
350.2139	3	V 12	1395.6392	698.3235
449.2823	4	V 11	1296.5708	648.7893
562.3664	5	L 10	1197.5024	599.2551
649.3984	6	S 9	1084.4183	542.7131
706.4199	7	G 8	997.3863	499.1971
821.4468	8	D 7	940.3648	470.6863
936.4738	9	D 6	825.3379	413.1729
1065.5164	10	E 5	710.3109	355.6594
1180.5433	11	D 4	581.2683	291.1381
1343.6067	12	Y 3	466.2414	233.6246
1471.6652	13	Q 2	303.1781	152.0930
	14	R 1	175.1195	88.0637

N-term:+35.07

SFPTLKFFPASADR, MH+ 1639.8848, m/z 547.2998
 L OSG39 P180811 230811-s1.06709.06709.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

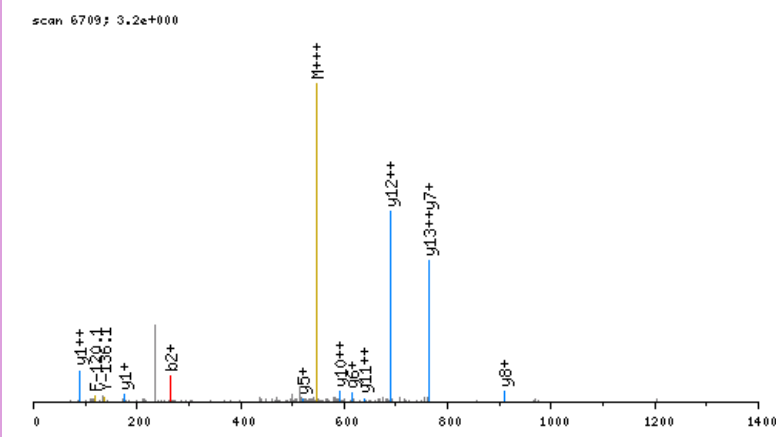
y + 2+ 3+

z + 2+ 3+

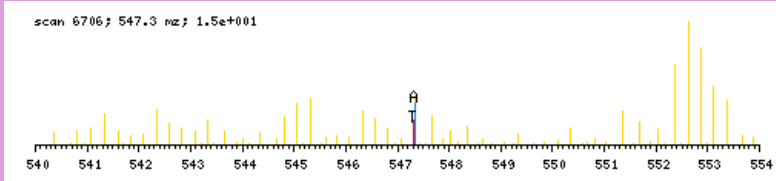
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

SGAPIKIPVGPETLGR, MH+ 1660.0434, m/z 554.0193
 H OSG39 P180811 230811-s1.05179.05179.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

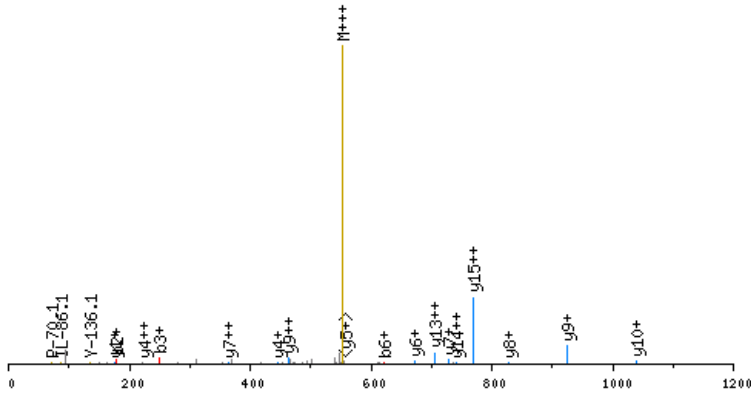
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

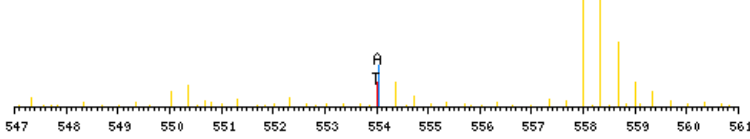
GO

scan 5179; 1.3e+001



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

scan 5176; 554.0 m/z; 3.1e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 16		
179.1244	2	G 15	1538.9483	769.9781
250.1615	3	A 14	1481.9268	741.4673
347.2143	4	P 13	1410.8897	705.9488
460.2983	5	I 12	1313.8369	657.4224
622.4564	6	K 11	1200.7529	600.8803
735.5405	7	I 10	1038.5948	519.8013
832.5933	8	P 9	925.5107	463.2593
931.6617	9	V 8	828.4579	414.7329
988.6831	10	G 7	729.3895	365.1987
1085.7359	11	P 6	672.3681	336.6879
1214.7785	12	E 5	575.3153	288.1616
1315.8262	13	T 4	446.2727	223.6403
1428.9102	14	L 3	345.2250	173.1164
1485.9317	15	G 2	232.1410	116.5744
	16	R 1	175.1195	88.0637

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

SGAQIDDNIPR, MH+ 1213.6177, m/z 607.3125
 L OSG37 P180811 230811-s1.03432.03432.2.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+

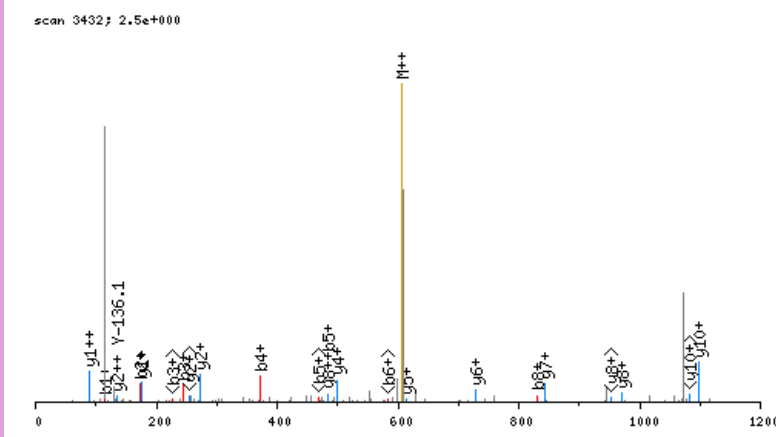
y + 2+ 3+

z + 2+ 3+

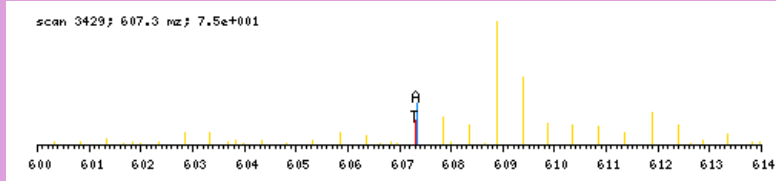
hide H₂O/NH₃

zoom 112-122

GO



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

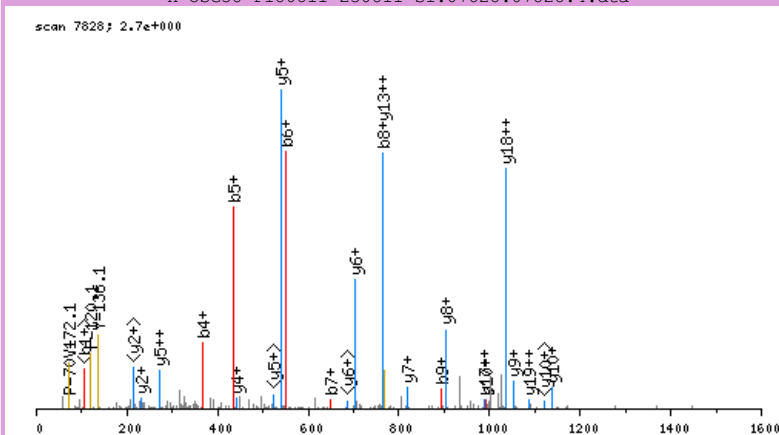


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

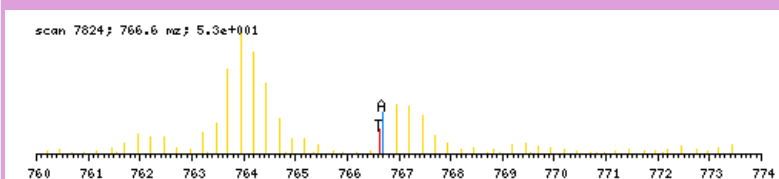
b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 11		
173.0926	2	G 10	1098.5544	549.7811
244.1297	3	A 9	1041.5329	521.2704
372.1883	4	Q 8	970.4958	485.7518
485.2723	5	I 7	842.4372	421.7225
600.2993	6	D 6	729.3531	365.1805
715.3262	7	D 5	614.3262	307.6670
829.3692	8	N 4	499.2993	250.1535
942.4532	9	I 3	385.2563	193.1321
1039.5060	10	P 2	272.1723	136.5900
	11	R 1	175.1195	88.0637

N-term:+29.04

SGDAAIIVDMVPGKPMCVESFSDYPLGR, MH+ 3063.5265, m/z 766.6371
 H OSG38 P180811 230811-sl.07828.07828.4.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 28		
179.1244	2	G 27	2942.4314	1471.7196
294.1513	3	D 26	2885.4100	1443.2089
365.1884	4	A 25	2770.3830	1385.6954
436.2256	5	A 24	2699.3459	1350.1769
549.3096	6	I 23	2628.3088	1314.6583
648.3780	7	V 22	2515.2247	1258.1163
763.4050	8	D 21	2416.1563	1208.5821
894.4455	9	M 20	2301.1294	1151.0686
993.5139	10	V 19	2170.0889	1085.5484
1090.5666	11	P 18	2071.0205	1036.0142
1147.5881	12	G 17	1973.9677	987.4878
1309.7462	13	K 16	1916.9463	958.9770
1406.7990	14	P 15	1754.7882	877.8980
1537.8395	15	M 14	1657.7354	829.3716
1697.8701	16	C 13	1526.6949	763.8514
1796.9385	17	V 12	1366.6643	683.8361
1925.9811	18	E 11	1267.5959	634.3019
2013.0131	19	S 10	1138.5533	569.7806
2160.0815	20	F 9	1051.5213	526.2645
2247.1135	21	S 8	904.4529	452.7303
2362.1405	22	D 7	817.4208	409.2143
2525.2038	23	Y 6	702.3939	351.7009
2622.2566	24	P 5	539.3306	270.1692
2719.3093	25	P 4	442.2778	221.6428
2832.3934	26	L 3	345.2250	173.1164
2889.4149	27	G 2	232.1410	116.5744
	28	R 1	175.1195	88.0637

N-term: +35.07 K(13) : +162.16
 C(16) : +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

SGEEFWPQQSAADILSGAASR, MH+ 2164.0311, m/z 722.0152
 L OSG37 P180811 230811-s1.08582.08582.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

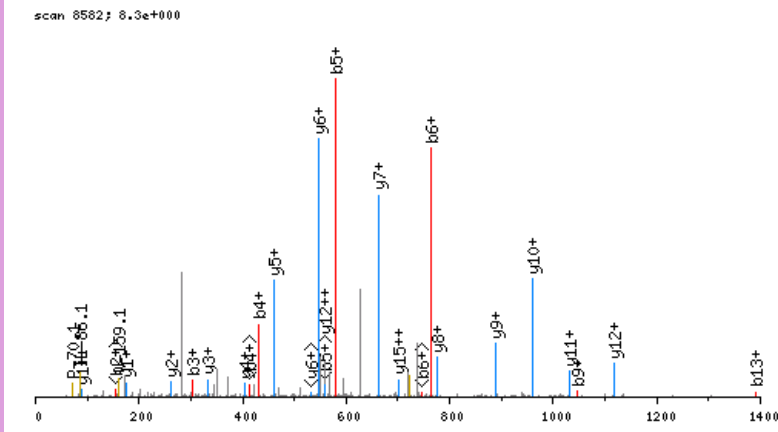
y + 2+ 3+

z + 2+ 3+

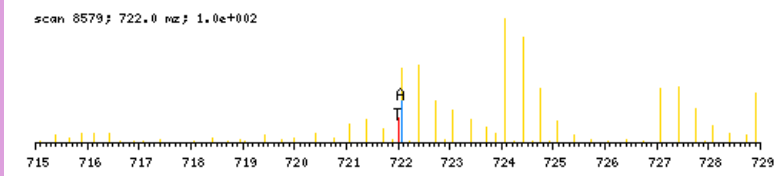
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
173.0926	2	G 20	2048.9678	1024.9878
302.1352	3	E 19	1991.9463	996.4771
431.1778	4	E 18	1862.9037	931.9558
578.2462	5	F 17	1733.8611	867.4345
764.3255	6	W 16	1586.7927	793.9003
861.3783	7	P 15	1400.7134	700.8606
918.3997	8	G 14	1303.6606	652.3342
1046.4583	9	Q 13	1246.6392	623.8235
1133.4903	10	S 12	1118.5806	559.7942
1204.5275	11	A 11	1031.5485	516.2782
1275.5646	12	A 10	960.5114	480.7596
1390.5915	13	D 9	889.4743	445.2411
1503.6756	14	I 8	774.4474	387.7276
1616.7596	15	L 7	661.3633	331.1856
1703.7917	16	S 6	548.2792	274.6435
1760.8131	17	G 5	461.2472	231.1275
1831.8502	18	A 4	404.2258	202.6168
1902.8874	19	A 3	333.1886	167.0982
1989.9194	20	S 2	262.1515	131.5797
	21	R 1	175.1195	88.0637

N-term:+29.04

SGEGNTSAAESSFSQEVAR, MH+ 1941.8790, m/z 647.9645
 L OSG37 P180811 230811-s1.04100.04100.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

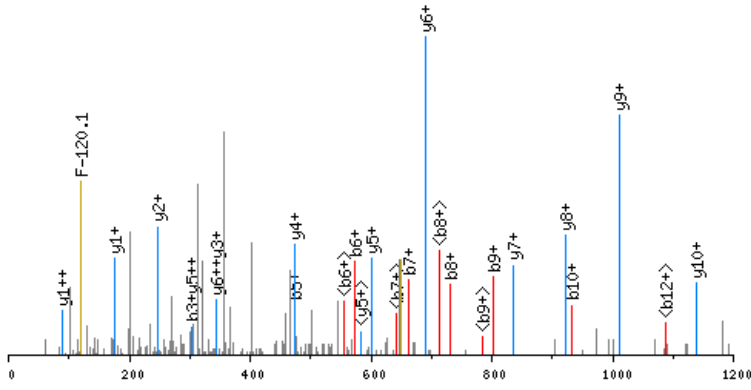
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

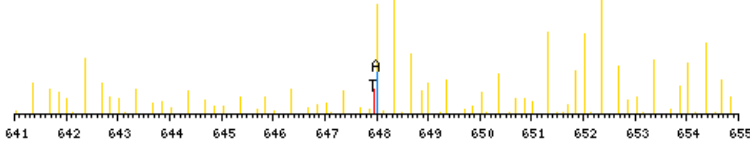
GO

scan 4100; 7.3e-001



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

scan 4099; 648.0 m/z; 1.4e+001



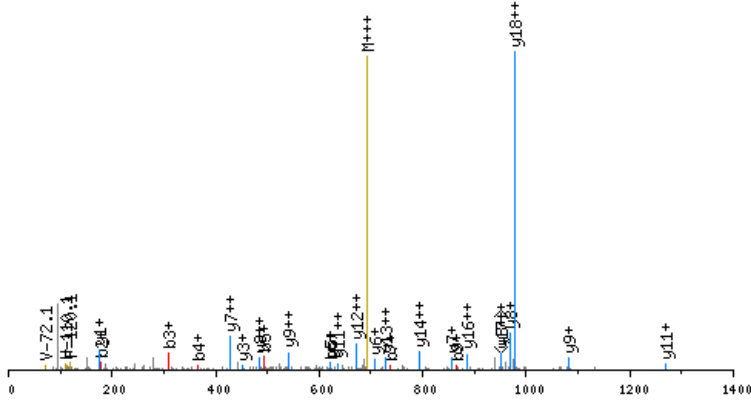
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 19		
173.0926	2	G 18	1826.8157	913.9117
302.1352	3	E 17	1769.7942	885.4010
359.1566	4	G 16	1640.7516	820.8797
473.1996	5	N 15	1583.7302	792.3690
574.2473	6	T 14	1469.6872	735.3475
661.2793	7	S 13	1368.6395	684.8237
732.3164	8	A 12	1281.6075	641.3077
803.3535	9	A 11	1210.5704	605.7891
932.3961	10	E 10	1139.5333	570.2706
1019.4281	11	S 9	1010.4907	505.7493
1106.4602	12	S 8	923.4587	462.2332
1253.5286	13	F 7	836.4266	418.7172
1340.5606	14	S 6	689.3582	345.1830
1468.6192	15	Q 5	602.3262	301.6670
1597.6618	16	E 4	474.2676	237.6377
1696.7302	17	V 3	345.2250	173.1164
1767.7673	18	A 2	246.1566	123.5822
	19	R 1	175.1195	88.0637

N-term:+29.04

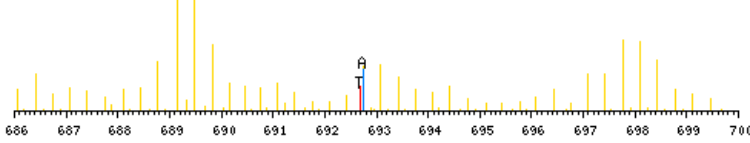
SGEGQEDAGELDFSGLLKR, MH+ 2076.0886, m/z 692.7010
 H OSG39 P180811 230811-s1.06590.06590.3.dta

scan 6590; 2.2e+000



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

scan 6586; 692.7 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 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

SGETAKGDYPLEAVR, MH+ 1660.9182, m/z 554.3109
 H OSG39 P180811 230811-s1.03188.03188.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

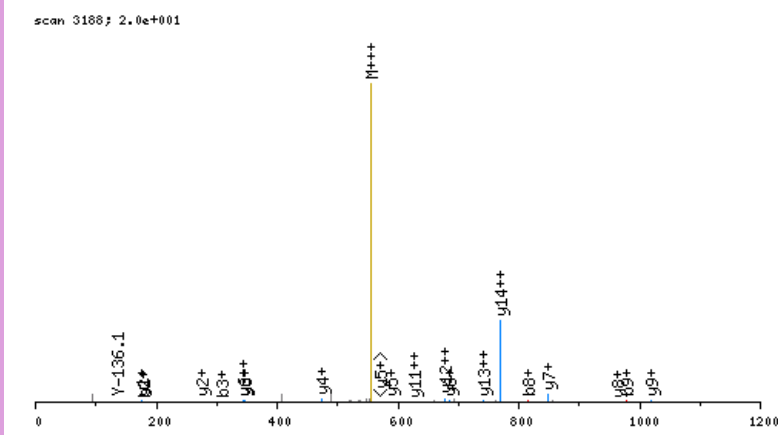
y + 2+ 3+

z + 2+ 3+

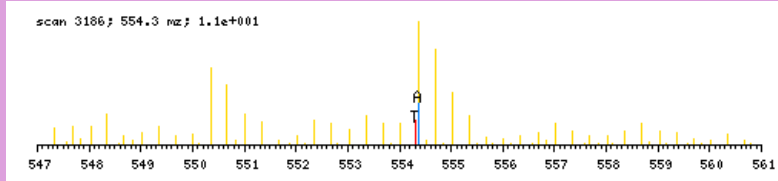
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
179.1244	2	G 14	1539.8231	770.4155
308.1670	3	E 13	1482.8017	741.9047
409.2147	4	T 12	1353.7591	677.3835
480.2518	5	A 11	1252.7114	626.8596
642.4099	6	K 10	1181.6743	591.3411
699.4313	7	G 9	1019.5162	510.2620
814.4583	8	D 8	962.4947	481.7513
977.5216	9	Y 7	847.4678	424.2378
1074.5744	10	P 6	684.4044	342.7061
1187.6584	11	L 5	587.3517	294.1798
1316.7010	12	E 4	474.2676	237.6377
1387.7381	13	A 3	345.2250	173.1164
1486.8066	14	V 2	274.1879	137.5979
	15	R 1	175.1195	88.0637

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

SGFIEEDELGSILKGFSSDAR, MH+ 2313.1614, m/z 771.7253
 L OSG39 P180811 230811-s1.07922.07922.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

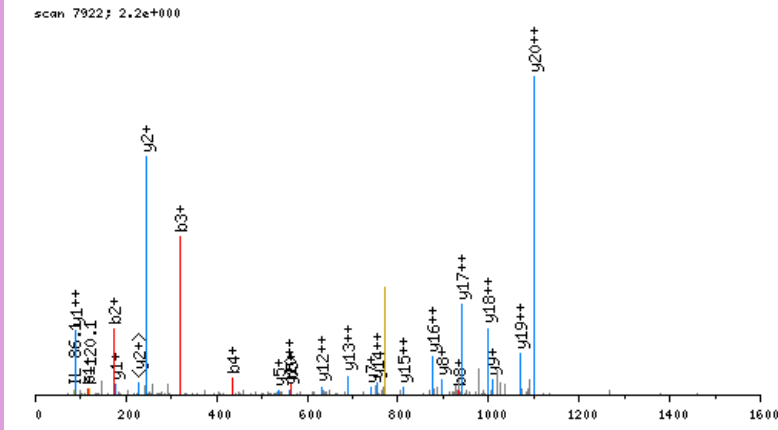
y + 2+ 3+

z + 2+ 3+

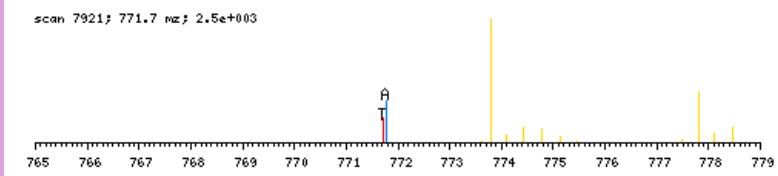
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
173.0926	2	G 20	2198.0981	1099.5530
320.1610	3	F 19	2141.0767	1071.0423
433.2451	4	I 18	1994.0083	997.5080
562.2877	5	E 17	1880.9242	940.9660
691.3303	6	E 16	1751.8816	876.4447
806.3572	7	D 15	1622.8390	811.9234
935.3998	8	E 14	1507.8121	754.4099
1048.4839	9	L 13	1378.7695	689.8887
1105.5053	10	G 12	1265.6854	633.3466
1192.5373	11	S 11	1208.6639	604.8359
1305.6214	12	I 10	1121.6319	561.3199
1418.7055	13	L 9	1008.5479	504.7778
1574.8318	14	K 8	895.4638	448.2358
1631.8532	15	G 7	739.3375	370.1727
1778.9217	16	F 6	682.3160	341.6619
1865.9537	17	S 5	535.2476	268.1277
1952.9857	18	S 4	448.2156	224.6117
2068.0127	19	D 3	361.1836	181.0957
2139.0498	20	A 2	246.1566	123.5822
	21	R 1	175.1195	88.0637

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

SGFSLSGAQIDDNIPR, MH+ 1710.8875, m/z 570.9673
 H OSG37 P180811 230811-s1.06772.06772.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

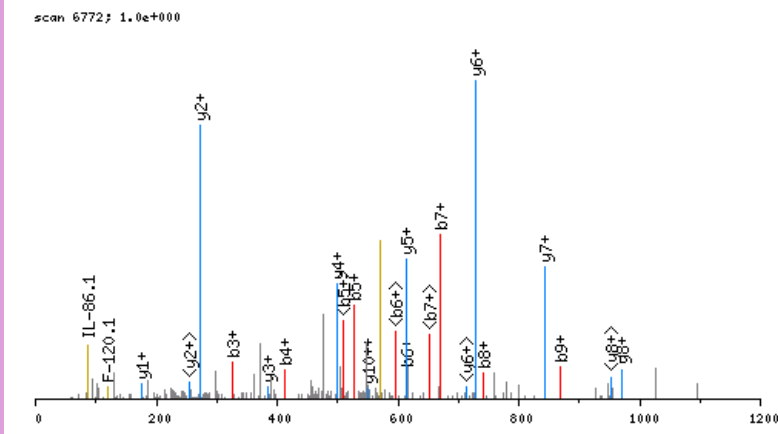
y + 2+ 3+

z + 2+ 3+

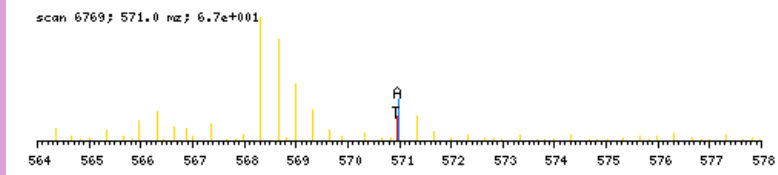
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
179.1244	2	G 15	1589.7924	795.4001
326.1928	3	F 14	1532.7709	766.8894
413.2248	4	S 13	1385.7025	693.3552
526.3089	5	L 12	1298.6705	649.8391
613.3409	6	S 11	1185.5864	593.2971
670.3624	7	G 10	1098.5544	549.7811
741.3995	8	A 9	1041.5329	521.2704
869.4581	9	Q 8	970.4958	485.7518
982.5421	10	I 7	842.4372	421.7225
1097.5691	11	D 6	729.3531	365.1805
1212.5960	12	D 5	614.3262	307.6670
1326.6390	13	N 4	499.2993	250.1535
1439.7230	14	I 3	385.2563	193.1321
1536.7758	15	P 2	272.1723	136.5900
	16	R 1	175.1195	88.0637

N-term:+35.07

SGGGVPTDDEEQATGLER, MH+ 1736.8515, m/z 579.6220
 H OSG37 P180811 230811-s1.03672.03672.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

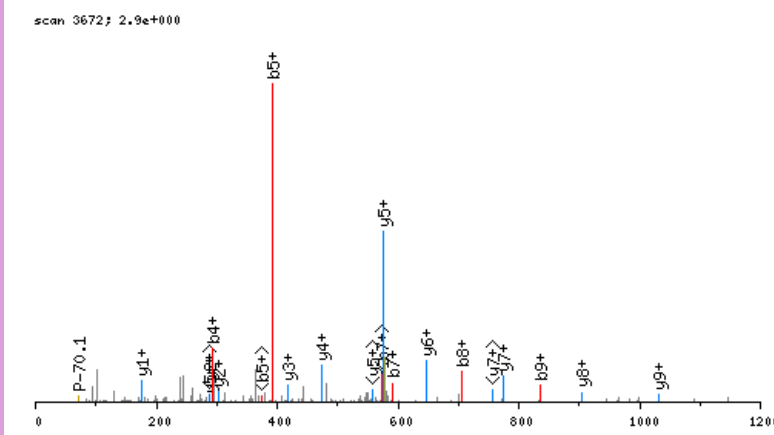
y + 2+ 3+

z + 2+ 3+

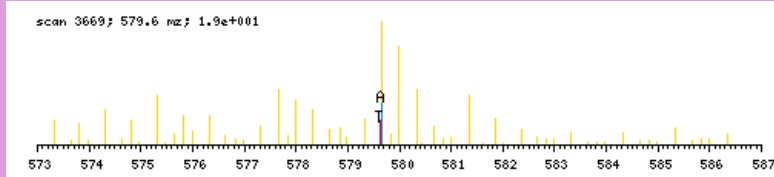
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
179.1244	2	G 16	1615.7564	808.3821
236.1459	3	G 15	1558.7349	779.8714
293.1673	4	G 14	1501.7134	751.3606
392.2357	5	V 13	1444.6920	722.8499
489.2885	6	P 12	1345.6236	673.3157
590.3362	7	T 11	1248.5708	624.7893
705.3631	8	D 10	1147.5231	574.2655
834.4057	9	E 9	1032.4962	516.7520
963.4483	10	E 8	903.4536	452.2307
1091.5069	11	Q 7	774.4110	387.7094
1162.5440	12	A 6	646.3524	323.6801
1263.5917	13	T 5	575.3153	288.1616
1320.6131	14	G 4	474.2676	237.6377
1433.6972	15	L 3	417.2462	209.1270
1562.7398	16	E 2	304.1621	152.5850
	17	R 1	175.1195	88.0637

N-term:+35.07

SGGTTMYPGIADR, MH+ 1359.6791, m/z 680.3432
 H OSG37 P180811 230811-s1.03965.03965.2.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+

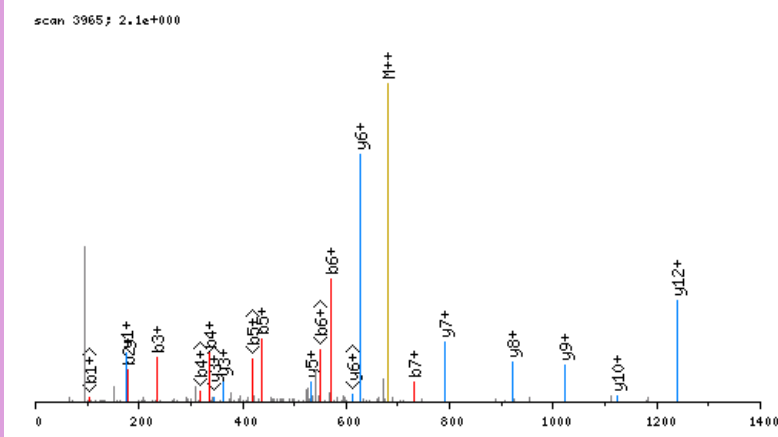
y + 2+ 3+

z + 2+ 3+

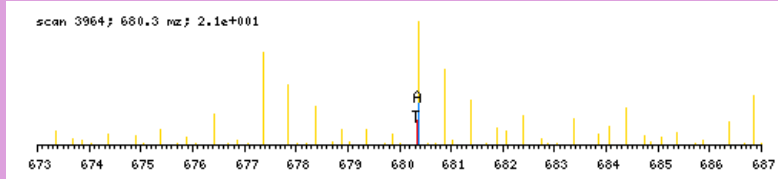
hide H₂O/NH₃

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

SGLDTYSLSGGGVPLVR, MH+ 1868.0341, m/z 623.3496
 H OSG37 P180811 230811-s1.07638.07638.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

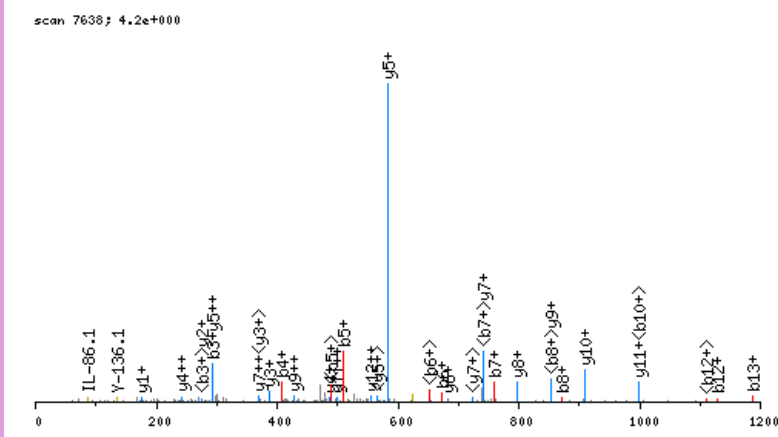
y + 2+ 3+

z + 2+ 3+

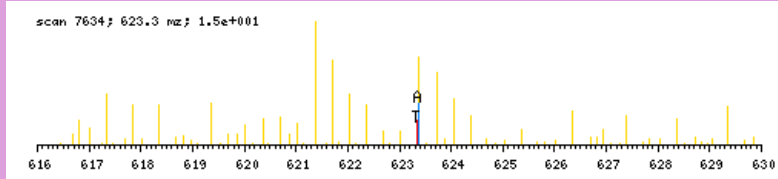
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1746.9390	873.9734
292.2085	3	L 17	1689.9176	845.4627
407.2354	4	D 16	1576.8335	788.9207
508.2831	5	T 15	1461.8066	731.4072
671.3464	6	Y 14	1360.7589	680.8833
758.3784	7	S 13	1197.6955	599.3517
871.4625	8	L 12	1110.6635	555.8357
958.4945	9	S 11	997.5795	499.2936
1015.5160	10	G 10	910.5474	455.7776
1072.5375	11	G 9	853.5260	427.2669
1129.5589	12	G 8	796.5045	398.7562
1186.5804	13	G 7	739.4830	370.2454
1285.6488	14	V 6	682.4616	341.7347
1382.7016	15	P 5	583.3932	292.2005
1481.7700	16	V 4	486.3404	243.6741
1594.8540	17	L 3	387.2720	194.1399
1693.9225	18	V 2	274.1879	137.5979
	19	R 1	175.1195	88.0637

N-term:+35.07

SGLVKAGFAGDDAPR, MH+ 1528.8760, m/z 510.2968
 H OSG40 P180811 230811-s1.03660.03660.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

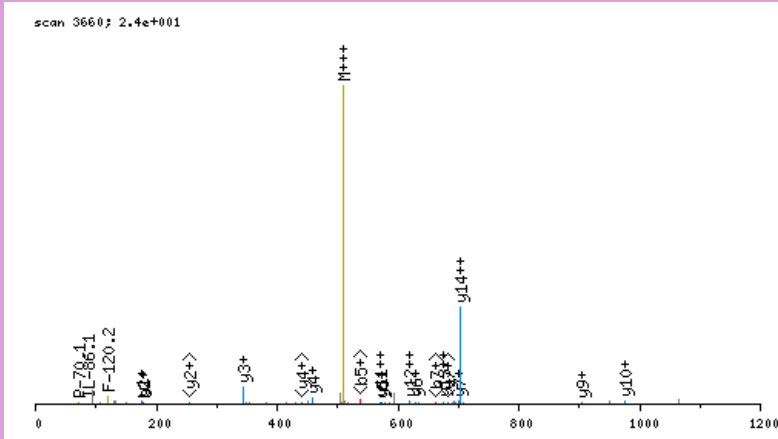
y + 2+ 3+

z + 2+ 3+

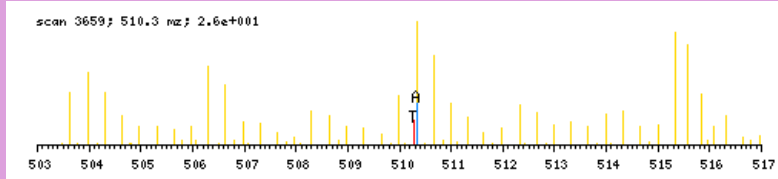
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
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

SGPASPTGSAVDIR, MH+ 1449.7761, m/z 725.3917
 H OSG37 P180811 230811-s1.03336.03336.2.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+

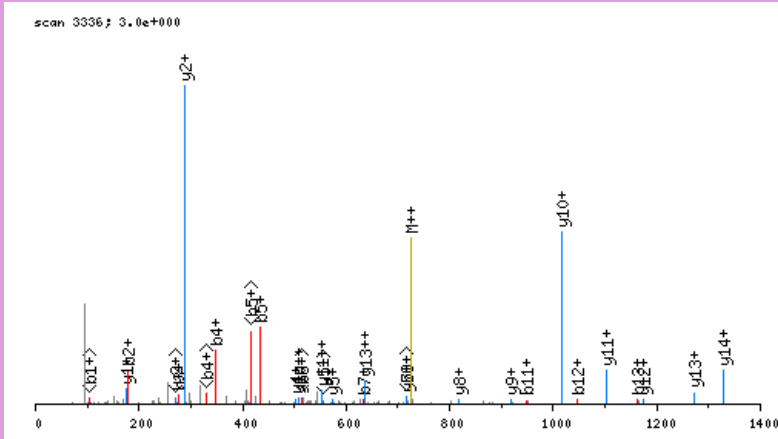
y + 2+ 3+

z + 2+ 3+

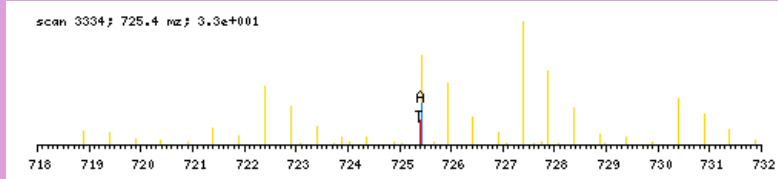
hide H₂O/NH₃

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 15		
179.1244	2	G 14	1328.6810	664.8444
276.1772	3	P 13	1271.6596	636.3337
347.2143	4	A 12	1174.6068	587.8073
434.2463	5	S 11	1103.5697	552.2888
531.2991	6	P 10	1016.5376	508.7727
632.3467	7	T 9	919.4849	460.2464
733.3944	8	T 8	818.4372	409.7225
790.4159	9	G 7	717.3895	359.1987
877.4479	10	S 6	660.3681	330.6879
948.4850	11	A 5	573.3360	287.1719
1047.5534	12	V 4	502.2989	251.6534
1162.5804	13	D 3	403.2305	202.1192
1275.6644	14	I 2	288.2036	144.6057
	15	R 1	175.1195	88.0637

N-term:+35.07

SGPGPMGLMGPR, MH+ 1190.6238, m/z 595.8155
 H OSG38 P180811 230811-s1.05137.05137.2.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+

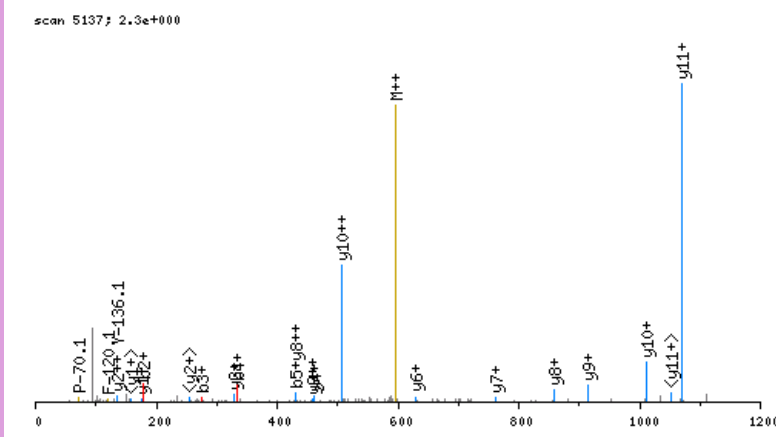
y + 2+ 3+

z + 2+ 3+

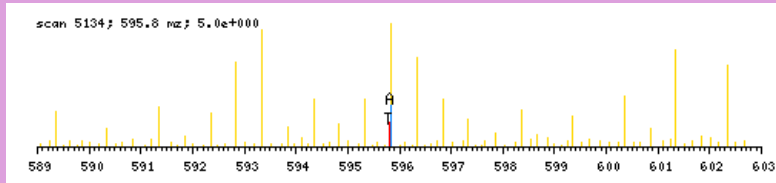
hide H₂O/NH₃

zoom 112-122

GO



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



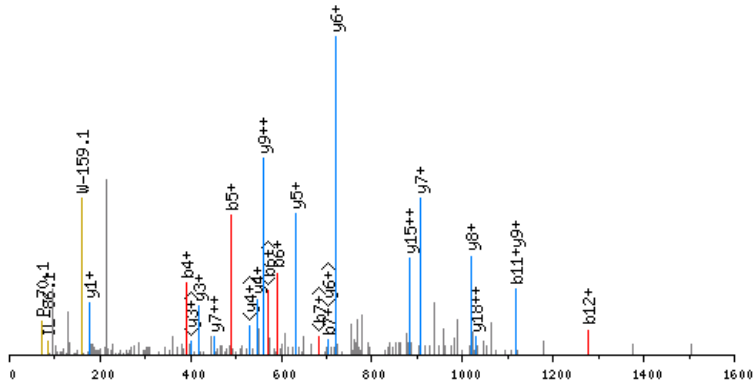
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 12		
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

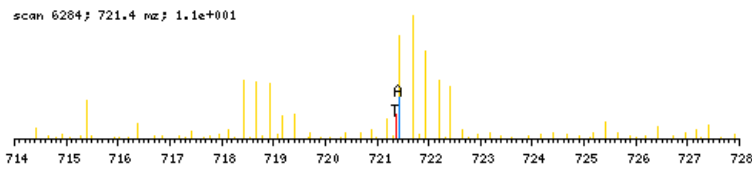
SGPIVTLQGNDKSTSPDPDWSSQLER, MH+ 2882.4808, m/z 721.3757
 H OSG38 P180811 230811-s1.06286.06286.4.dta

scan 6286; 8.5e-001



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

scan 6284; 721.4 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⁺
122.1029	1	S	26		
179.1244	2	G	25	2761.3857	1381.1968
276.1772	3	P	24	2704.3643	1352.6860
389.2612	4	I	23	2607.3115	1304.1597
488.3296	5	V	22	2494.2274	1247.6176
589.3773	6	T	21	2395.1590	1198.0834
702.4614	7	L	20	2294.1113	1147.5596
830.5200	8	Q	19	2181.0273	1091.0175
887.5414	9	G	18	2052.9687	1026.9883
1001.5843	10	N	17	1995.9472	998.4775
1116.6113	11	D	16	1881.9043	941.4561
1278.7694	12	K	15	1766.8774	883.9426
1365.8014	13	S	14	1604.7193	802.8635
1466.8491	14	T	13	1517.6872	759.3475
1553.8811	15	S	12	1416.6395	708.8237
1650.9339	16	P	11	1329.6075	665.3077
1765.9608	17	D	10	1232.5548	616.7813
1863.0136	18	P	9	1117.5278	559.2678
1978.0405	19	D	8	1020.4750	510.7414
2164.1199	20	W	7	905.4481	453.2280
2251.1519	21	S	6	719.3688	360.1883
2338.1839	22	S	5	632.3368	316.6723
2466.2425	23	Q	4	545.3047	273.1563
2579.3265	24	L	3	417.2462	209.1270
2708.3691	25	E	2	304.1621	152.5850
	26	R	1	175.1195	88.0637

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

SGPVVAMVWEGLNVVKTGR, MH+ 2067.2061, m/z 689.7402
 H OSG39 P180811 230811-s1.08005.08005.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

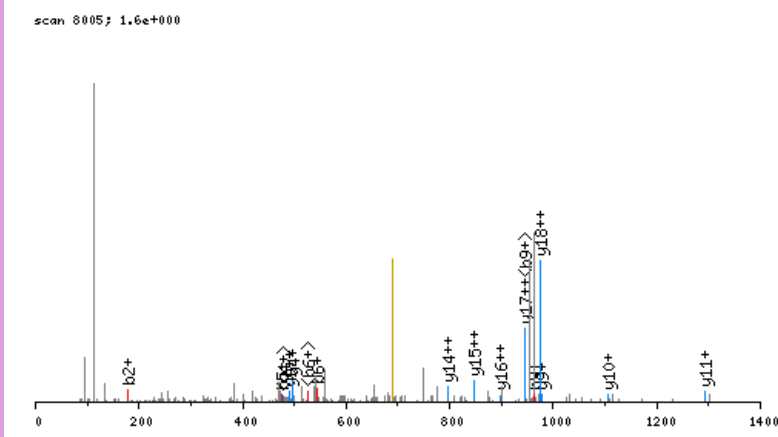
y + 2+ 3+

z + 2+ 3+

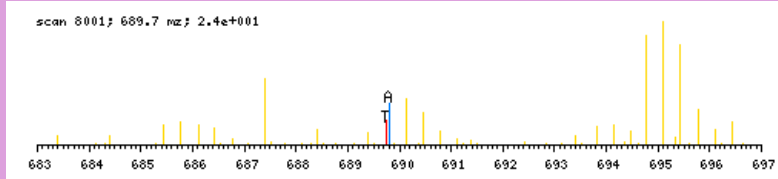
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1946.1110	973.5594
276.1772	3	P	17	1889.0895	945.0487
375.2456	4	V	16	1792.0368	896.5223
474.3140	5	V	15	1692.9684	846.9881
545.3511	6	A	14	1593.8999	797.4539
676.3916	7	M	13	1522.8628	761.9353
775.4600	8	V	12	1391.8223	696.4151
961.5393	9	W	11	1292.7539	646.8809
1090.5819	10	E	10	1106.6746	553.8412
1147.6034	11	G	9	977.6320	489.3199
1260.6874	12	L	8	920.6106	460.8092
1374.7304	13	N	7	807.5265	404.2672
1473.7988	14	V	6	693.4836	347.2457
1572.8672	15	V	5	594.4152	297.7115
1735.0253	16	K	4	495.3467	248.1773
1836.0730	17	T	3	333.1886	167.0982
1893.0944	18	G	2	232.1410	116.5744
	19	R	1	175.1195	88.0637

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

SGQPGVGPAGVR, MH+ 1206.6595, m/z 603.8334
 L OSG38 P180811 230811-s1.02527.02527.2.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+

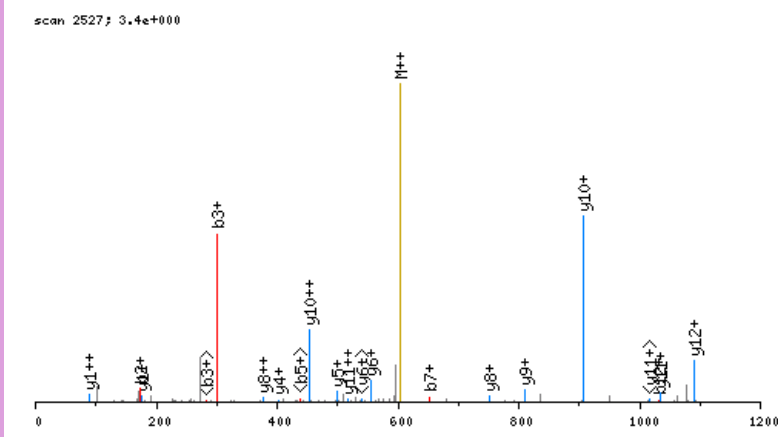
y + 2+ 3+

z + 2+ 3+

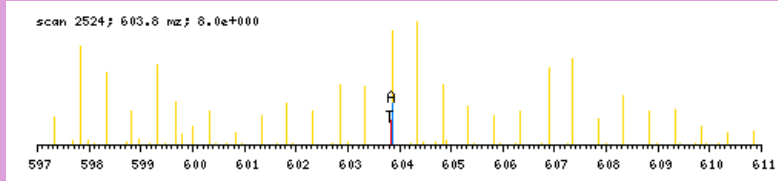
hide H₂O/NH₃

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		
173.0926	2	G 12	1091.5962	546.3020
301.1512	3	Q 11	1034.5747	517.7913
398.2039	4	P 10	906.5161	453.7620
455.2254	5	G 9	809.4634	405.2356
552.2782	6	P 8	752.4419	376.7249
651.3466	7	V 7	655.3891	328.1985
708.3680	8	G 6	556.3207	278.6643
805.4208	9	P 5	499.2993	250.1535
876.4579	10	A 4	402.2465	201.6272
933.4794	11	G 3	331.2094	166.1086
1032.5478	12	V 2	274.1879	137.5979
	13	R 1	175.1195	88.0637

N-term:+29.04

SGSGVQGASAGGLAADASR, MH+ 1646.8098, m/z 549.6081
 L OSG37 P180811 230811-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+

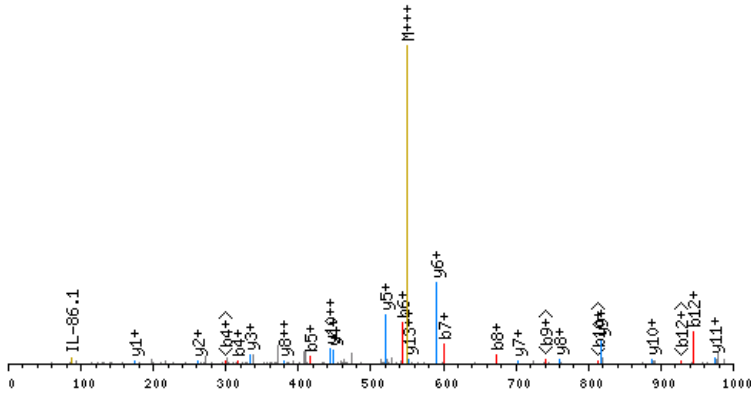
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

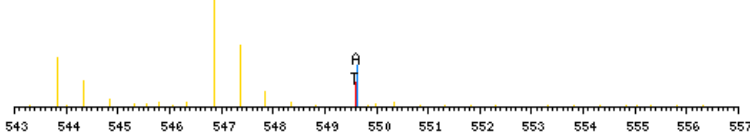
GO

scan 3137; 5.8e+000



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

scan 3134; 549.6 m/z; 4.3e+002



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

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 19		
173.0926	2	G 18	1531.7465	766.3771
260.1246	3	S 17	1474.7250	737.8664
317.1461	4	G 16	1387.6930	694.3504
416.2145	5	V 15	1330.6715	665.8397
544.2731	6	Q 14	1231.6031	616.3055
601.2945	7	G 13	1103.5445	552.2762
672.3317	8	A 12	1046.5231	523.7654
759.3637	9	S 11	975.4859	488.2469
830.4008	10	A 10	888.4539	444.7309
887.4223	11	G 9	817.4168	409.2123
944.4437	12	G 8	760.3953	380.7016
1057.5278	13	L 7	703.3739	352.1909
1128.5649	14	A 6	590.2898	295.6488
1199.6020	15	A 5	519.2527	260.1303
1314.6290	16	D 4	448.2156	224.6117
1385.6661	17	A 3	333.1886	167.0982
1472.6981	18	S 2	262.1515	131.5797
	19	R 1	175.1195	88.0637

N-term:+29.04

SGSPFPASVQDPLHIWR, MH+ 1985.0457, m/z 662.3534
 H OSG39 P180811 230811-s1.06653.06653.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

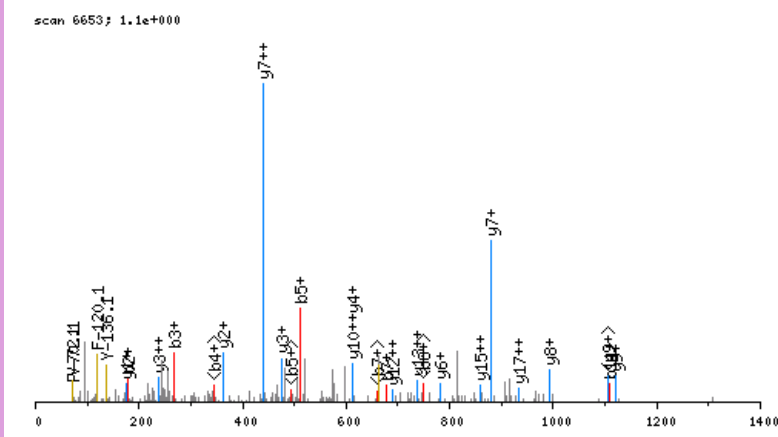
y + 2+ 3+

z + 2+ 3+

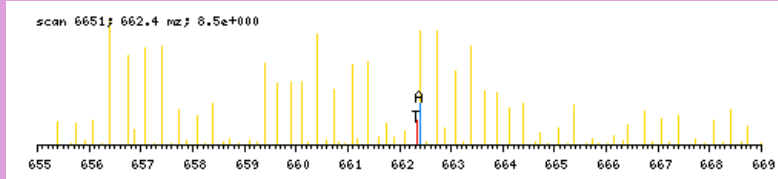
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
179.1244	2	G 17	1863.9506	932.4792
266.1564	3	S 16	1806.9291	903.9685
363.2092	4	P 15	1719.8971	860.4525
510.2776	5	F 14	1622.8443	811.9261
607.3304	6	P 13	1475.7759	738.3919
678.3675	7	A 12	1378.7232	689.8655
765.3995	8	S 11	1307.6860	654.3469
864.4679	9	V 10	1220.6540	610.8309
992.5265	10	Q 9	1121.5856	561.2967
1107.5534	11	D 8	993.5270	497.2674
1204.6062	12	P 7	878.5001	439.7540
1261.6277	13	G 6	781.4473	391.2276
1374.7117	14	L 5	724.4259	362.7168
1511.7706	15	H 4	611.3418	306.1748
1624.8547	16	I 3	474.2829	237.6454
1810.9340	17	W 2	361.1988	181.1033
	18	R 1	175.1195	88.0637

N-term:+35.07

SGTPVHCPSPIR, MH+ 1341.7161, m/z 447.9102
 H OSG40 P180811 230811-s1.02331.02331.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

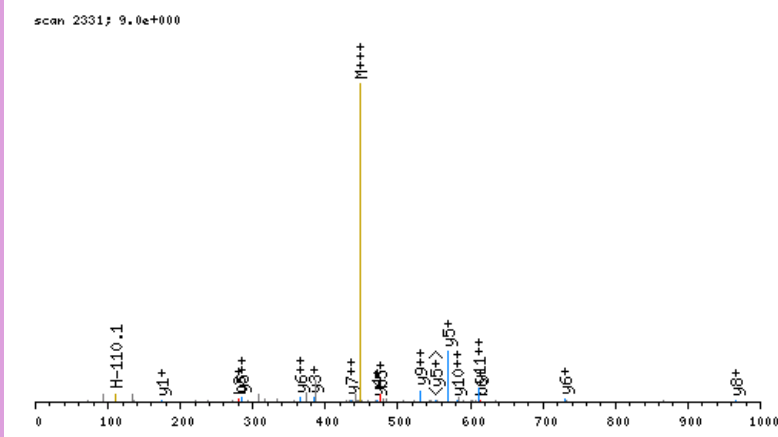
y + 2+ 3+

z + 2+ 3+

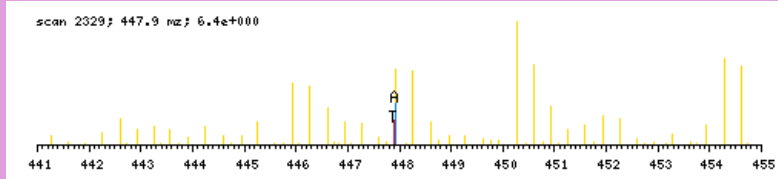
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
179.1244	2	G 11	1220.6210	610.8144
280.1721	3	T 10	1163.5995	582.3037
377.2248	4	P 9	1062.5518	531.7798
476.2932	5	V 8	965.4990	483.2534
613.3522	6	H 7	866.4306	433.7192
773.3828	7	C 6	729.3717	365.1898
870.4355	8	P 5	569.3411	285.1745
957.4676	9	S 4	472.2884	236.6481
1054.5203	10	P 3	385.2563	193.1321
1167.6044	11	I 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+35.07 C(7):+160.03

SGVAVSDGVIKVFNDMKVR, MH+ 2105.1793, m/z 527.0503
 L OSG40 P180811 230811-s1.08651.08651.4.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+

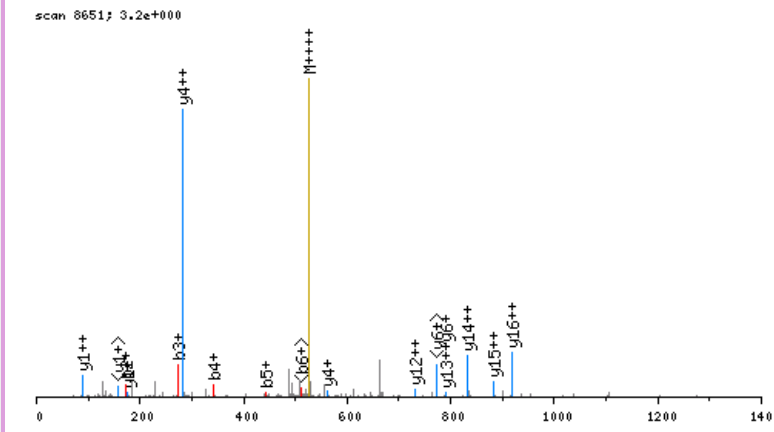
y + 2+ 3+

z + 2+ 3+

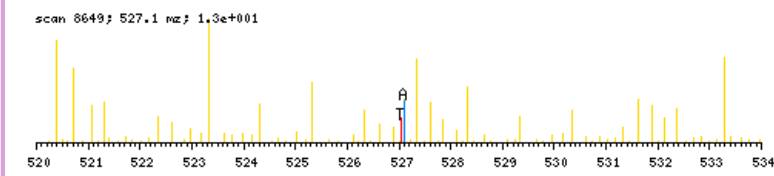
hide H₂O/NH₃

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		
173.0926	2	G	18	1990.1160	995.5619
272.1610	3	V	17	1933.0946	967.0512
343.1981	4	A	16	1834.0261	917.5170
442.2665	5	V	15	1762.9890	881.9984
529.2986	6	S	14	1663.9206	832.4642
644.3255	7	D	13	1576.8886	788.9482
701.3470	8	G	12	1461.8616	731.4347
800.4154	9	V	11	1404.8402	702.9240
913.4994	10	I	10	1305.7718	653.3898
1069.6257	11	K	9	1192.6877	596.8478
1168.6942	12	V	8	1036.5614	518.7846
1315.7626	13	F	7	937.4930	469.2504
1429.8055	14	N	6	790.4246	395.7162
1544.8324	15	D	5	676.3816	338.6947
1675.8729	16	M	4	561.3547	281.1813
1831.9992	17	K	3	430.3142	215.6610
1931.0676	18	V	2	274.1879	137.5979
	19	R	1	175.1195	88.0637

N-term:+29.04 K(11):+156.13
 K(17):+156.13

SHEIATNLGDFAIISLYR, MH+ 1941.0294, m/z 647.6813
 H OSG40 P180811 230811-s1.09063.09063.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

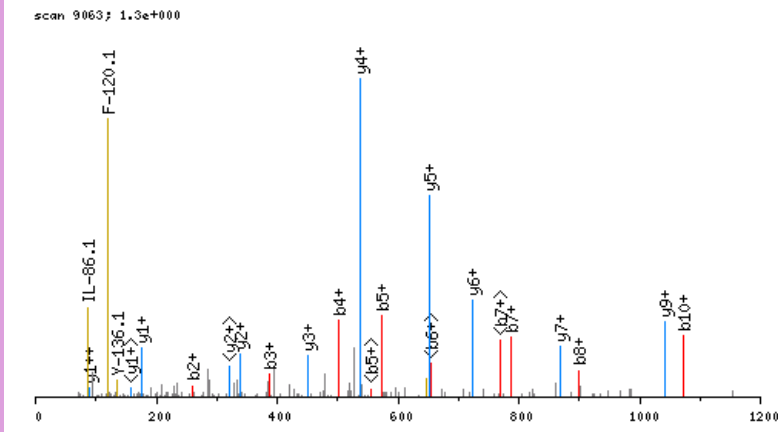
y + 2+ 3+

z + 2+ 3+

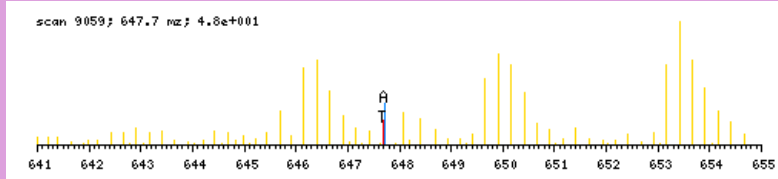
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
259.1618	2	H 16	1819.9343	910.4710
388.2044	3	E 15	1682.8754	841.9416
501.2885	4	I 14	1553.8328	777.4203
572.3256	5	A 13	1440.7487	720.8783
673.3733	6	T 12	1369.7116	685.3597
787.4162	7	N 11	1268.6639	634.8359
900.5003	8	L 10	1154.6210	577.8144
957.5217	9	G 9	1041.5369	521.2724
1072.5487	10	D 8	984.5155	492.7616
1219.6171	11	F 7	869.4885	435.2482
1290.6542	12	A 6	722.4201	361.7140
1403.7383	13	I 5	651.3830	326.1954
1490.7703	14	S 4	538.2989	269.6534
1603.8544	15	L 3	451.2669	226.1374
1766.9177	16	Y 2	338.1828	169.5953
	17	R 1	175.1195	88.0637

N-term:+35.07

SICEEFSQQADDKGCFR, MH+ 2132.9380, m/z 711.6509
 L OSG39 P180811 230811-s1.04397.04397.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

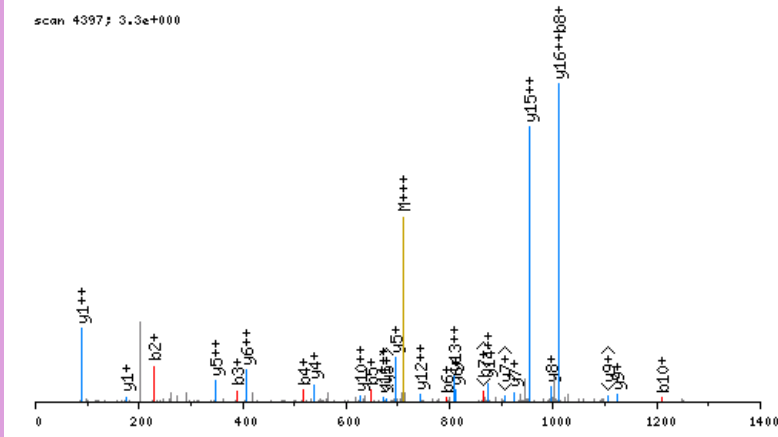
y + 2+ 3+

z + 2+ 3+

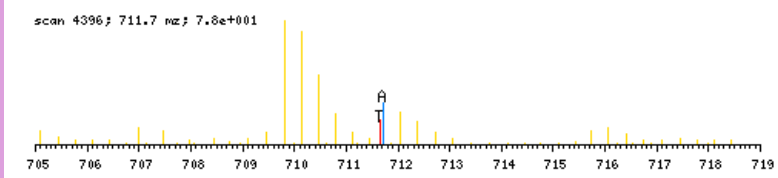
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

SIFGGAKPVDTAAR, MH+ 1457.8753, m/z 486.6299
 H OSG39 P180811 230811-s1.03203.03203.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

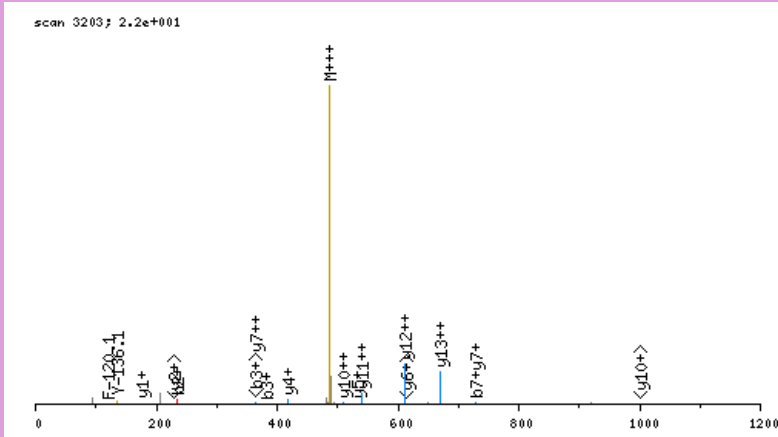
y + 2+ 3+

z + 2+ 3+

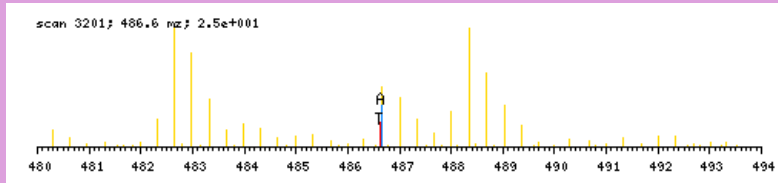
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	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

SIPFPPTTPTLGR, MH+ 1512.8426, m/z 504.9524
 L OSG37 P180811 230811-s1.07370.07370.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

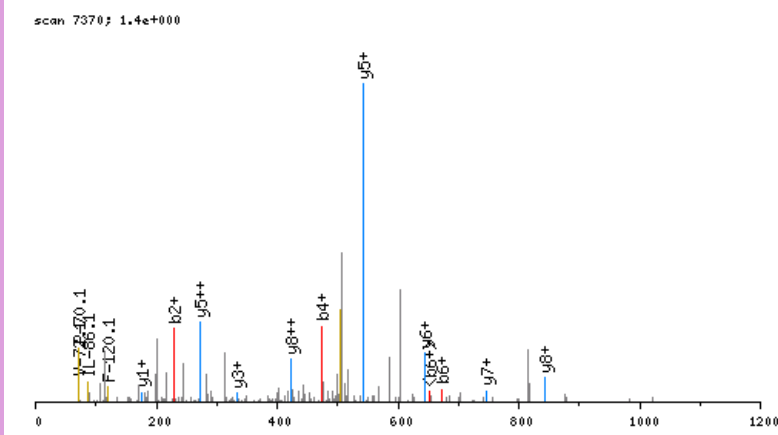
y + 2+ 3+

z + 2+ 3+

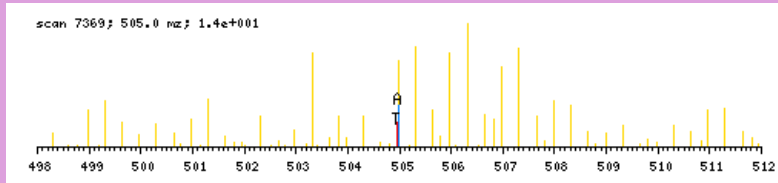
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1397.7793	699.3936
326.2080	3	P 12	1284.6952	642.8515
473.2764	4	F 11	1187.6424	594.3251
570.3291	5	P 10	1040.5740	520.7909
671.3768	6	T 9	943.5213	472.2645
768.4296	7	P 8	842.4736	421.7407
869.4773	8	T 7	745.4208	373.2143
970.5249	9	T 6	644.3731	322.6905
1067.5777	10	P 5	543.3255	272.1666
1180.6618	11	L 4	446.2727	223.6403
1281.7094	12	T 3	333.1886	167.0982
1338.7309	13	G 2	232.1410	116.5744
	14	R 1	175.1195	88.0637

N-term:+29.04

SIVPALEIANAHR, MH+ 1418.8119, m/z 473.6088
 L OSG40 P180811 230811-s1.06423.06423.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

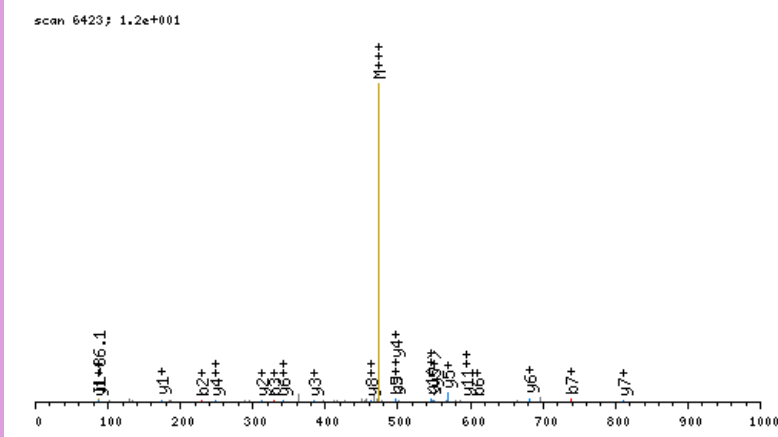
y + 2+ 3+

z + 2+ 3+

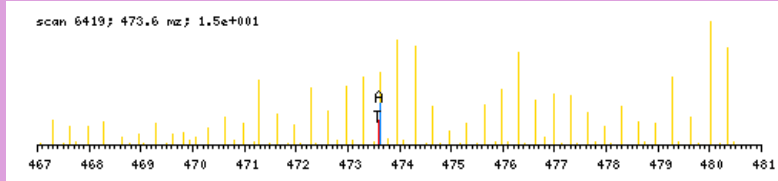
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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+ 1598.9693, m/z 533.6613
 H OSG37 P180811 230811-s1.07345.07345.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

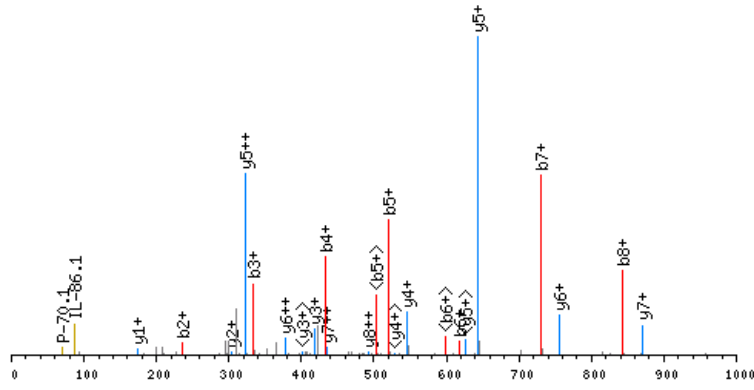
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

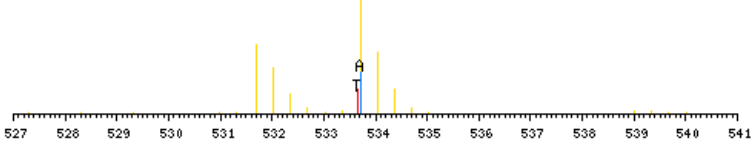
GO

scan 7345; 5.0e+001



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

scan 7344; 533.7 m/z; 7.7e+002



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	I 13	1477.8742	739.4410
334.2554	3	V 12	1364.7902	682.8990
433.3238	4	V 11	1265.7218	633.3648
520.3558	5	S 10	1166.6533	583.8306
617.4086	6	P 9	1079.6213	540.3146
730.4927	7	I 8	982.5686	491.7882
843.5767	8	L 7	869.4845	435.2462
956.6608	9	I 6	756.4004	378.7041
1053.7136	10	P 5	643.3164	322.1621
1182.7562	11	E 4	546.2636	273.6357
1296.7991	12	N 3	417.2210	209.1144
1424.8577	13	Q 2	303.1781	152.0930
	14	R 1	175.1195	88.0637

N-term:+35.07

SKDSEGSWFR, MH+ 1266.6755, m/z 422.8967
 H OSG40 P180811 230811-s1.03366.03366.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

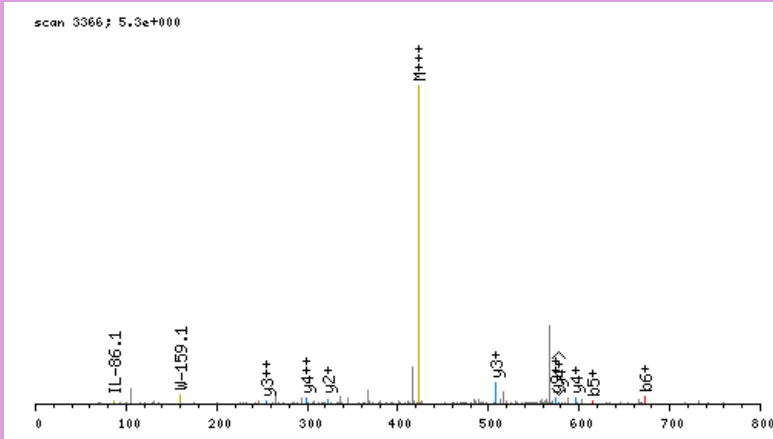
y + 2+ 3+

z + 2+ 3+

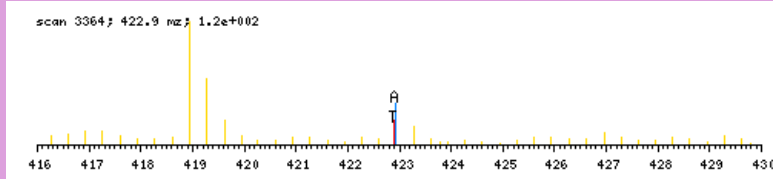
hide H₂O/NH₃

zoom 112-122

GO



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



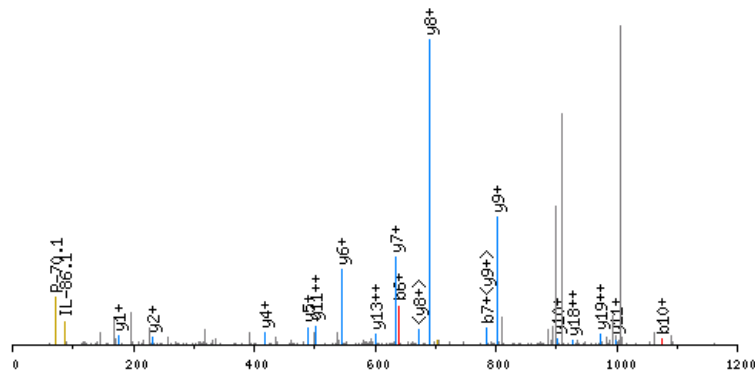
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 10		
284.2610	2	K 9	1145.5804	573.2941
399.2880	3	D 8	983.4223	492.2151
486.3200	4	S 7	868.3953	434.7016
615.3626	5	E 6	781.3633	391.1856
672.3841	6	G 5	652.3207	326.6643
759.4161	7	S 4	595.2993	298.1535
945.4954	8	W 3	508.2672	254.6375
1092.5638	9	F 2	322.1879	161.5979
	10	R 1	175.1195	88.0637

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

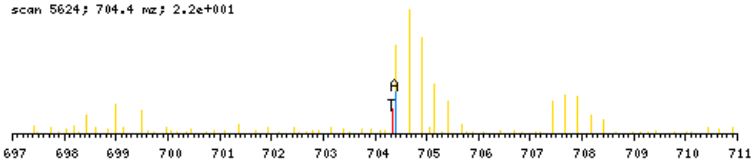
SKGPPDFSSDEEREPTVPLGSGASVGR, MH+ 2814.3910, m/z 704.3532
 I OSG40 P180811 230811-s1.05627.05627.4.dta

scan 5627; 3.6e+000



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

scan 5624; 704.4 m/z; 2.2e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 27		
272.1974	2	K 26	2699.3277	1350.1678
329.2189	3	G 25	2543.2014	1272.1046
426.2717	4	P 24	2486.1799	1243.5939
523.3244	5	P 23	2389.1272	1195.0675
638.3514	6	D 22	2292.0744	1146.5411
785.4198	7	F 21	2177.0475	1089.0276
872.4518	8	S 20	2029.9791	1015.4934
959.4838	9	S 19	1942.9470	971.9774
1074.5108	10	D 18	1855.9150	928.4614
1203.5534	11	E 17	1740.8881	870.9479
1332.5960	12	E 16	1611.8455	806.4266
1488.6971	13	R 15	1482.8029	741.9053
1617.7397	14	E 14	1326.7018	663.8548
1714.7924	15	P 13	1197.6592	599.3335
1815.8401	16	T 12	1100.6064	550.8071
1912.8929	17	P 11	999.5587	500.2833
2011.9613	18	V 10	902.5060	451.7569
2125.0454	19	L 9	803.4375	402.2227
2182.0668	20	G 8	690.3535	345.6807
2269.0988	21	S 7	633.3320	317.1699
2326.1203	22	G 6	546.3000	273.6539
2397.1574	23	A 5	489.2785	245.1432
2484.1894	24	S 4	418.2414	209.6246
2583.2579	25	V 3	331.2094	166.1086
2640.2793	26	G 2	232.1410	116.5744
	27	R 1	175.1195	88.0637

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

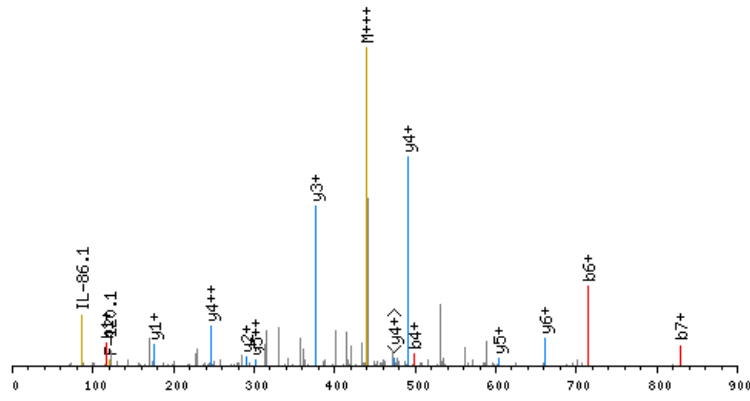
hide H₂O/NH₃

zoom 112-122

GO

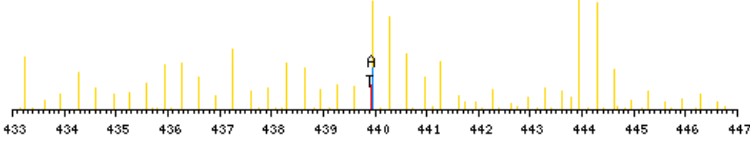
SKLLCGLLSDR, MH+ 1317.7564, m/z 439.9236
 L OSG40 P180811 230811-s1.06322.06322.3.dta

scan 6322; 1.7e+000



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

scan 6319; 439.9 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 11		
272.1974	2	K 10	1202.6931	601.8505
385.2815	3	L 9	1046.5668	523.7873
498.3656	4	L 8	933.4827	467.2453
658.3962	5	C 7	820.3987	410.7032
715.4176	6	G 6	660.3681	330.6879
828.5017	7	L 5	603.3466	302.1772
941.5857	8	L 4	490.2625	245.6352
1028.6178	9	S 3	377.1785	189.0931
1143.6447	10	D 2	290.1464	145.5771
	11	R 1	175.1195	88.0637

N-term:+29.04 K(2):+156.13
 C(5):+160.03

SKPAPLTGTLEVR, MH+ 1424.8477, m/z 475.6208
 L OSG40 P180811 230811-s1.03758.03758.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

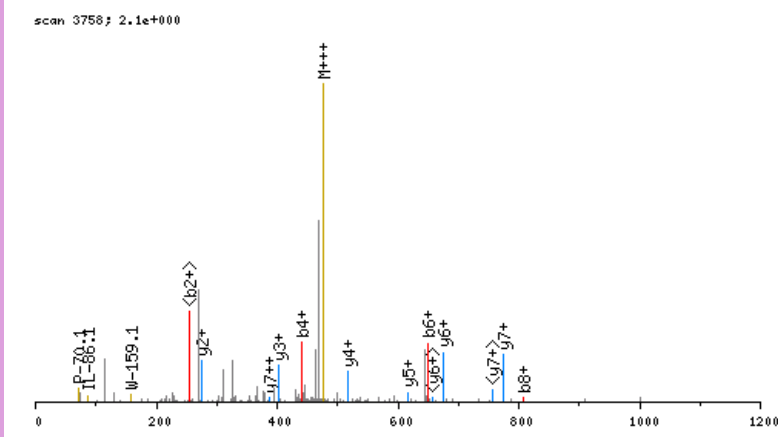
y + 2+ 3+

z + 2+ 3+

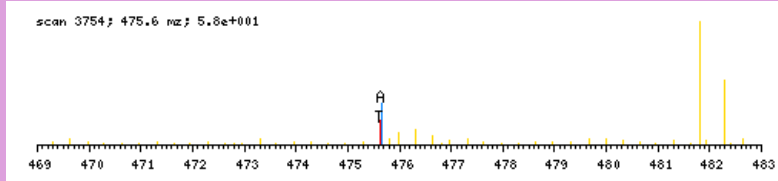
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
272.1974	2	K 12	1309.7844	655.3961
369.2502	3	P 11	1153.6581	577.3330
440.2873	4	A 10	1056.6053	528.8066
537.3401	5	P 9	985.5682	493.2880
650.4241	6	L 8	888.5155	444.7616
751.4718	7	T 7	775.4314	388.2196
808.4933	8	G 6	674.3837	337.6958
909.5410	9	T 5	617.3623	309.1850
1022.6250	10	L 4	516.3146	258.6612
1151.6676	11	E 3	403.2305	202.1192
1250.7360	12	V 2	274.1879	137.5979
	13	R 1	175.1195	88.0637

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

SKVEAANFR, MH+ 1089.6693, m/z 545.3383
 H OSG40 P180811 230811-s1.04110.04110.2.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+

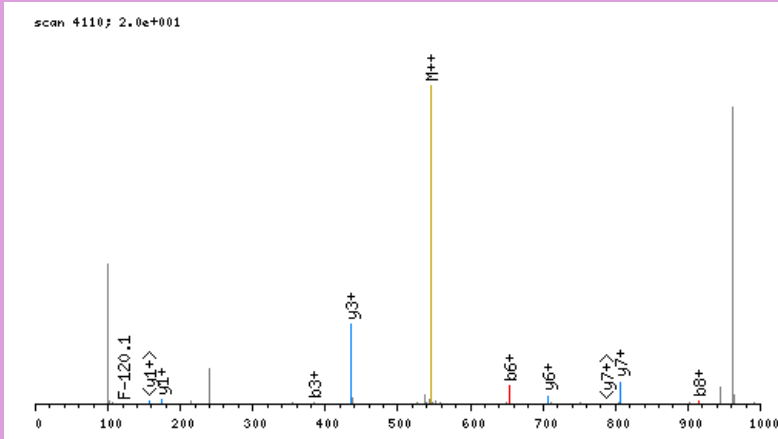
y + 2+ 3+

z + 2+ 3+

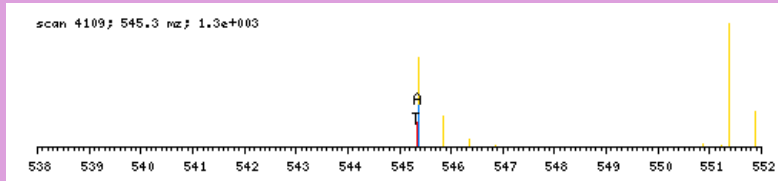
hide H₂O/NH₃

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	9	
284.2610	2	K	8	968.5742
383.3294	3	V	7	806.4161
512.3720	4	E	6	707.3477
583.4091	5	A	5	578.3051
654.4463	6	A	4	507.2680
768.4892	7	N	3	436.2308
915.5576	8	F	2	322.1879
	9	R	1	175.1195

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

SKWPEPVFGR, MH+ 1270.7584, m/z 424.2577
 H OSG40 P180811 230811-s1.05832.05832.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

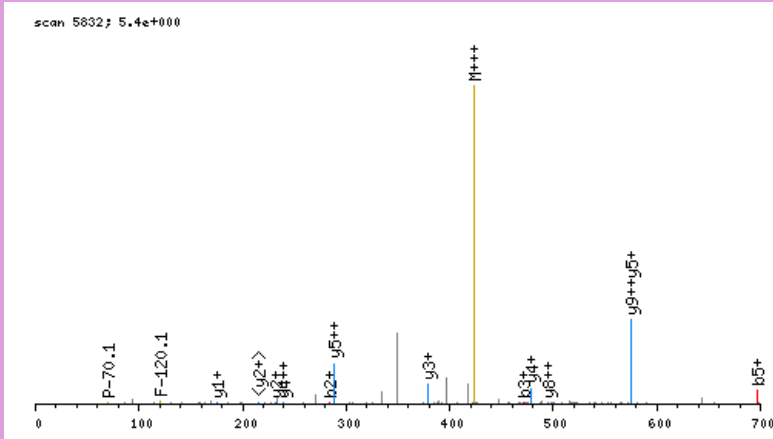
y + 2+ 3+

z + 2+ 3+

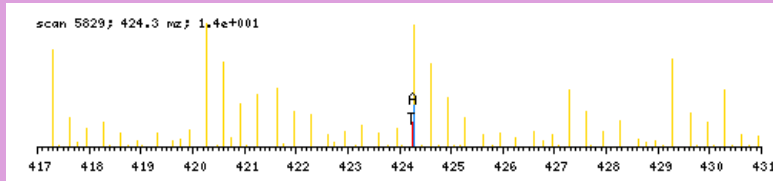
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	
284.2610	2	K	9	1149.6633
470.3403	3	W	8	987.5052
567.3931	4	P	7	801.4259
696.4357	5	E	6	704.3731
793.4885	6	P	5	575.3306
892.5569	7	V	4	478.2778
1039.6253	8	F	3	379.2094
1096.6468	9	G	2	232.1410
	10	R	1	175.1195

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

SLAELPKVKEAPKVGILGSGDFAR, MH+ 2325.3183, m/z 582.0850
 L OSG40 P180811 230811-s1.07160.07160.4.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+

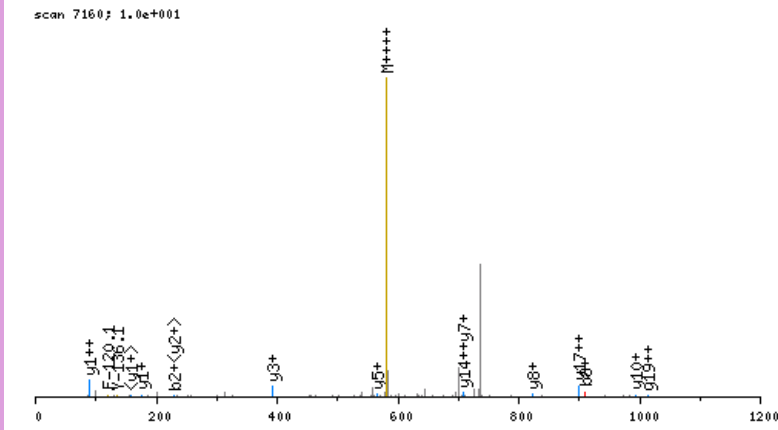
y + 2+ 3+

z + 2+ 3+

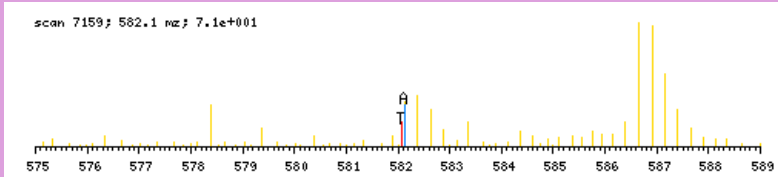
hide H₂O/NH₃

zoom 112-122

GO



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



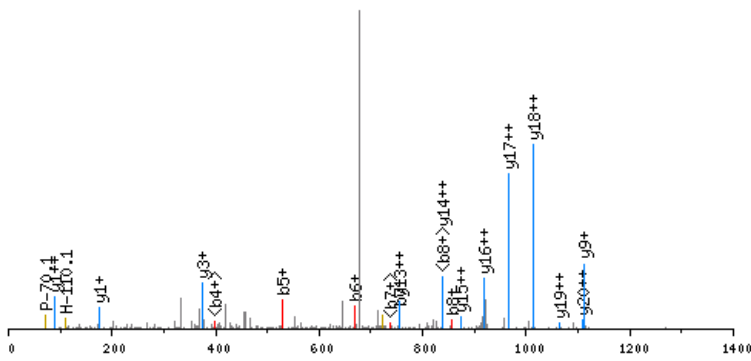
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	22		
229.1552	2	L	21	2210.2550	1105.6314
300.1923	3	A	20	2097.1709	1049.0894
429.2349	4	E	19	2026.1338	1013.5708
528.3033	5	V	18	1897.0912	949.0495
625.3561	6	P	17	1798.0228	899.5153
781.4824	7	K	16	1700.9700	850.9889
910.5250	8	E	15	1544.8437	772.9258
981.5621	9	A	14	1415.8011	708.4045
1078.6148	10	P	13	1344.7640	672.8859
1234.7411	11	K	12	1247.7112	624.3595
1333.8096	12	V	11	1091.5849	546.2964
1390.8310	13	G	10	992.5165	496.7622
1503.9151	14	I	9	935.4951	468.2514
1616.9992	15	L	8	822.4110	411.7094
1674.0206	16	G	7	709.3269	355.1674
1761.0526	17	S	6	652.3055	326.6566
1818.0741	18	G	5	565.2734	283.1406
1933.1011	19	D	4	508.2520	254.6299
2080.1695	20	F	3	393.2250	197.1164
2151.2066	21	A	2	246.1566	123.5822
	22	R	1	175.1195	88.0637

N-term:+29.04 K(7):+156.13
 K(11):+156.13

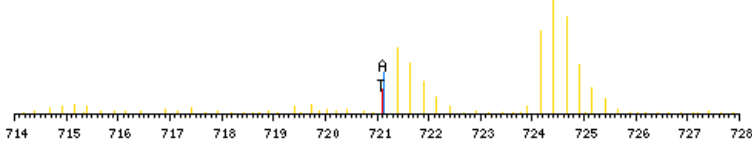
SLEGDHSTPPSAYGSVKPYTNFDAER, MH+ 2881.3645, m/z 721.0966
 L OSG40 P180811 230811-s1.05917.05917.4.dta

scan 5917; 3.6e+000



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

scan 5914; 721.1 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

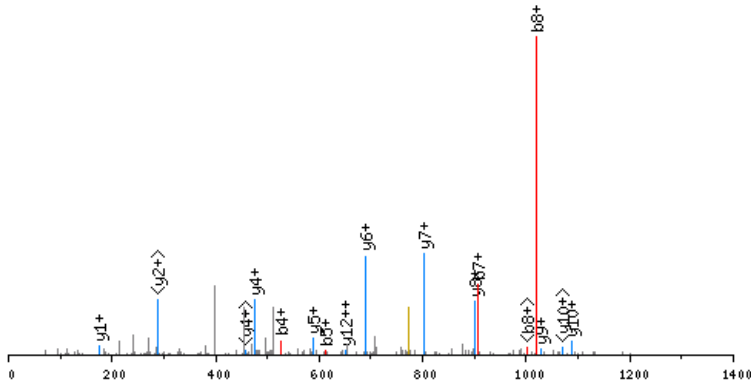
GO

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 26		
229.1552	2	L 25	2766.3012	1383.6545
358.1978	3	E 24	2653.2171	1327.1125
415.2192	4	G 23	2524.1745	1262.5912
530.2462	5	D 22	2467.1530	1234.0804
667.3051	6	H 21	2352.1261	1176.5670
754.3371	7	S 20	2215.0672	1108.0375
855.3848	8	T 19	2128.0351	1064.5215
952.4376	9	P 18	2026.9875	1013.9976
1049.4903	10	P 17	1929.9347	965.4713
1136.5224	11	S 16	1832.8819	916.9449
1207.5595	12	A 15	1745.8499	873.4289
1370.6228	13	Y 14	1674.8128	837.9103
1427.6443	14	G 13	1511.7495	756.3786
1514.6763	15	S 12	1454.7280	727.8679
1613.7447	16	V 11	1367.6960	684.3519
1769.8710	17	K 10	1268.6276	634.8177
1866.9238	18	P 9	1112.5013	556.7545
2029.9871	19	Y 8	1015.4485	508.2282
2131.0348	20	T 7	852.3852	426.6965
2245.0777	21	N 6	751.3375	376.1727
2392.1461	22	F 5	637.2946	319.1512
2507.1731	23	D 4	490.2262	245.6170
2578.2102	24	A 3	375.1992	188.1035
2707.2528	25	E 2	304.1621	152.5850
	26	R 1	175.1195	88.0637

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

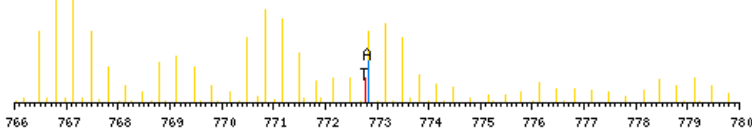
SLEKSYELPDGQVITIGNER, MH+ 2316.2723, m/z 772.7623
 H OSG39 P180811 230811-s1.06588.06588.3.dta

scan 6586; 2.5e+000



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

scan 6586; 772.8 m/z; 2.6e+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

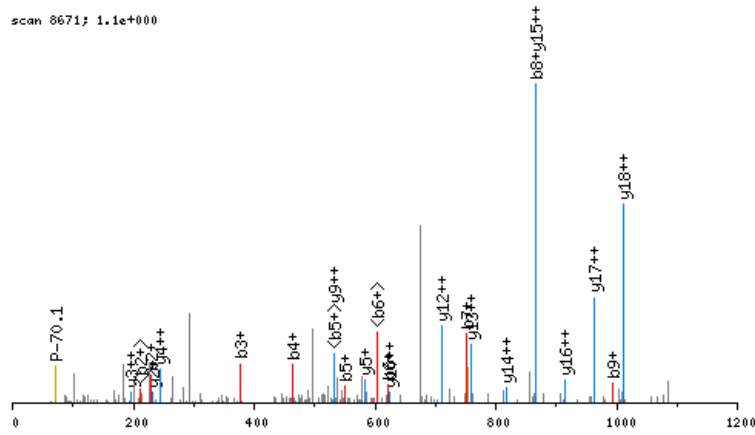
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
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

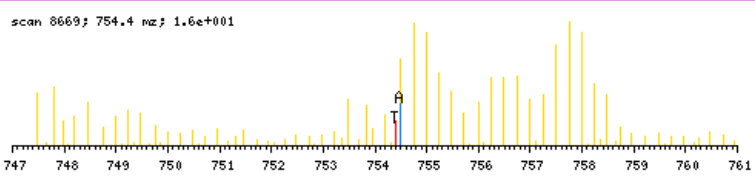
SLFSSAENEPPVPLVGNWRPPQPVKGR, MH+ 3014.6216, m/z 754.4109
 L OSG40 P180811 230811-s1.08671.08671.4.dta

scan 8671; 1.1e+000



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

scan 8669; 754.4 m/z; 1.6e+001



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

b ⁺	#	AA	#	y ⁺	y ²⁺
116.0711	1	S	27		
229.1552	2	L	26	2899.5583	1450.2831
376.2236	3	F	25	2786.4742	1393.7410
463.2556	4	S	24	2639.4058	1320.2068
550.2877	5	S	23	2552.3738	1276.6908
621.3248	6	A	22	2465.3418	1233.1748
750.3674	7	E	21	2394.3047	1197.6562
864.4103	8	N	20	2265.2621	1133.1349
993.4529	9	E	19	2151.2191	1076.1135
1090.5057	10	P	18	2022.1765	1011.5922
1187.5584	11	P	17	1925.1238	963.0658
1286.6268	12	V	16	1828.0710	914.5394
1383.6796	13	P	15	1729.0026	865.0052
1496.7637	14	L	14	1631.9498	816.4788
1595.8321	15	V	13	1518.8658	759.9368
1652.8535	16	G	12	1419.7974	710.4026
1766.8965	17	N	11	1362.7759	681.8919
1952.9758	18	W	10	1248.7330	624.8704
2109.0769	19	R	9	1062.6537	531.8307
2206.1297	20	P	8	906.5525	453.7802
2303.1824	21	P	7	809.4998	405.2538
2431.2410	22	Q	6	712.4470	356.7274
2528.2938	23	P	5	584.3884	292.6981
2627.3622	24	V	4	487.3357	244.1718
2783.4885	25	K	3	388.2673	194.6375
2840.5099	26	G	2	232.1410	116.5744
	27	R	1	175.1195	88.0637

N-term:+29.04 K(25):+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

SLGNAGNEIGR, MH+ 1115.5809, m/z 558.2941
 L OSG38 P180811 230811-s1.02653.02653.2.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+

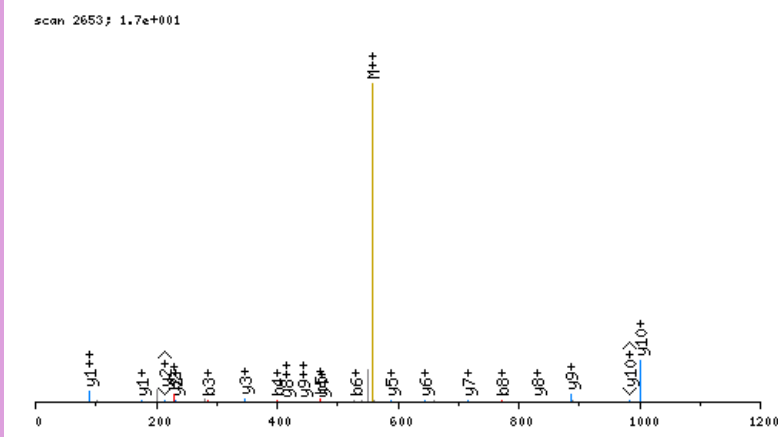
y + 2+ 3+

z + 2+ 3+

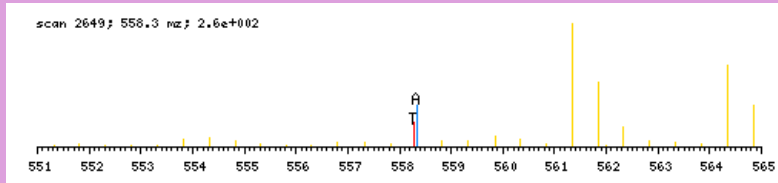
hide H₂O/NH₃

zoom 112-122

GO



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

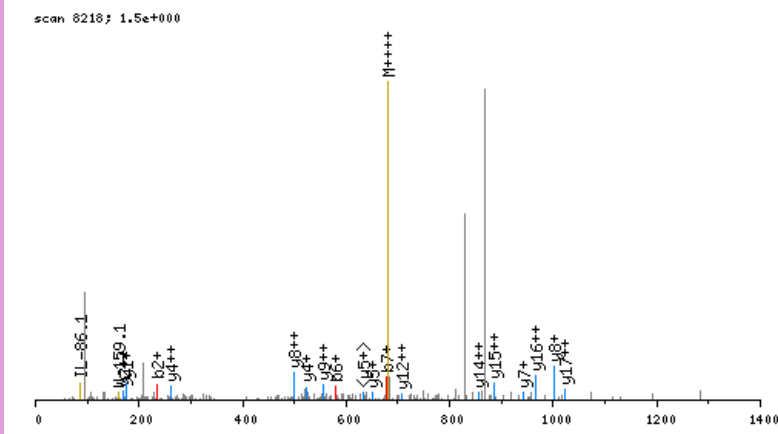


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

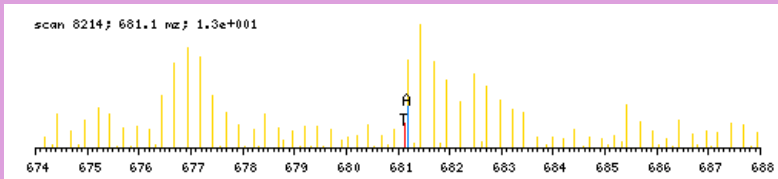
b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 11		
229.1552	2	L 10	1000.5176	500.7627
286.1767	3	G 9	887.4335	444.2207
400.2196	4	N 8	830.4121	415.7099
471.2567	5	A 7	716.3691	358.6885
528.2782	6	G 6	645.3320	323.1699
642.3211	7	N 5	588.3105	294.6592
771.3637	8	E 4	474.2676	237.6377
884.4477	9	I 3	345.2250	173.1164
941.4692	10	G 2	232.1410	116.5744
	11	R 1	175.1195	88.0637

N-term:+29.04

SLGTGQVIKGDQGLGMCEGEKR, MH+ 2721.4916, m/z 681.1284
 H OSG40 P180811 230811-s1.08218.08218.4.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⁺
122.1029	1	S	24		
235.1870	2	L	23	2600.3965	1300.7022
292.2085	3	G	22	2487.3124	1244.1601
393.2561	4	T	21	2430.2910	1215.6494
450.2776	5	G	20	2329.2433	1165.1256
578.3362	6	Q	19	2272.2218	1136.6148
677.4046	7	V	18	2144.1633	1072.5855
790.4887	8	I	17	2045.0949	1023.0513
952.6468	9	K	16	1932.0108	966.5093
1009.6682	10	G	15	1769.8527	885.4303
1195.7475	11	W	14	1712.8312	856.9195
1310.7745	12	D	13	1526.7519	763.8799
1438.8331	13	Q	12	1411.7250	706.3664
1495.8545	14	G	11	1283.6664	642.3371
1608.9386	15	L	10	1226.6449	613.8264
1722.0226	16	L	9	1113.5609	557.2843
1779.0441	17	G	8	1000.4768	500.7423
1910.0846	18	M	7	943.4553	472.2316
2070.1152	19	C	6	812.4149	406.7113
2199.1578	20	E	5	652.3843	326.6960
2256.1792	21	G	4	523.3417	262.1747
2385.2218	22	E	3	466.3202	233.6640
2547.3799	23	K	2	337.2776	169.1427
	24	R	1	175.1195	88.0637

N-term:+35.07 K(9):+162.16
 C(19):+160.03 K(23):+162.16

SLHLGVTSPVLR, MH+ 1306.7847, m/z 436.2664
 L OSG40 P180811 230811-s1.06153.06153.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

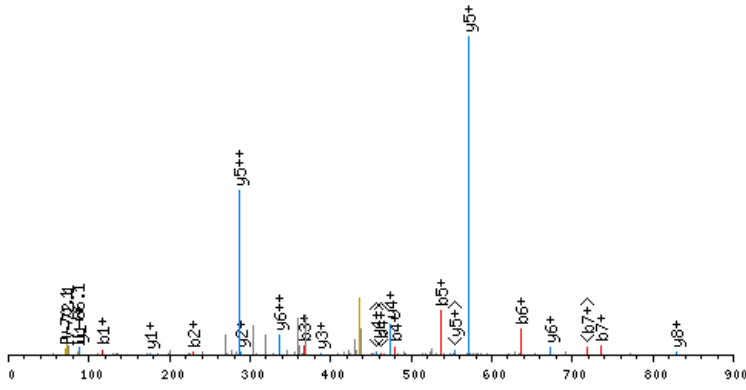
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

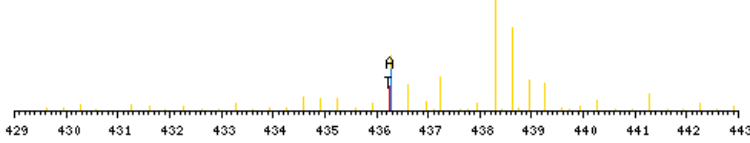
GO

scan 6153; 3.4e+000



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

scan 6149; 436.3 m/z; 2.1e+001



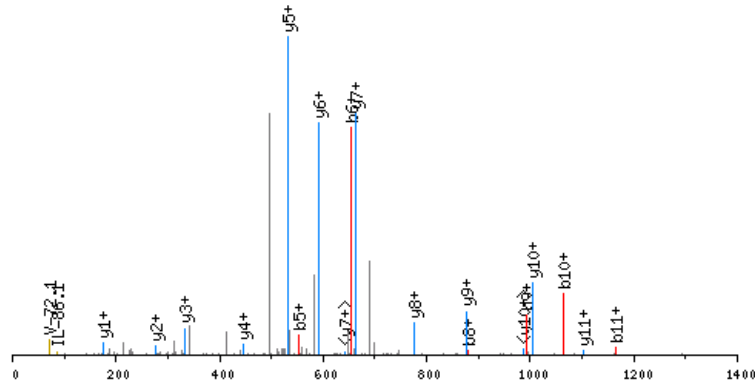
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

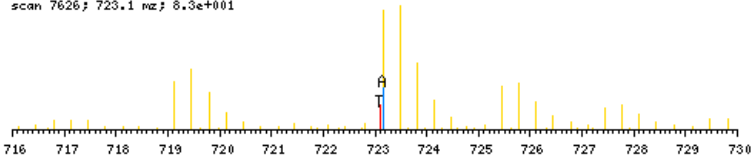
SLKGVVPEDAVETLAGSLGTR, MH+ 2167.2610, m/z 723.0919
 H OSG39 P180811 230811-s1.07628.07628.3.dta

scan 7628; 1.4e+001



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

scan 7626; 723.1 m/z; 8.3e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 21		
235.1870	2	L 20	2046.1659	1023.5869
397.3451	3	K 19	1933.0819	967.0448
454.3666	4	G 18	1770.9238	885.9658
553.4350	5	V 17	1713.9023	857.4551
652.5034	6	V 16	1614.8339	807.9209
749.5561	7	P 15	1515.7655	758.3867
878.5987	8	E 14	1418.7127	709.8603
993.6257	9	D 13	1289.6701	645.3390
1064.6628	10	A 12	1174.6432	587.8255
1163.7312	11	V 11	1103.6061	552.3069
1292.7738	12	E 10	1004.5376	502.7727
1393.8215	13	T 9	875.4951	438.2514
1506.9055	14	L 8	774.4474	387.7276
1577.9427	15	A 7	661.3633	331.1856
1634.9641	16	G 6	590.3262	295.6670
1721.9962	17	S 5	533.3047	267.1563
1835.0802	18	L 4	446.2727	223.6403
1892.1017	19	G 3	333.1886	167.0982
1993.1494	20	T 2	276.1672	138.5875
	21	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

SLLPASLLDHR, MH+ 1255.7586, m/z 419.2577
 H OSG40 P180811 230811-s1.07123.07123.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

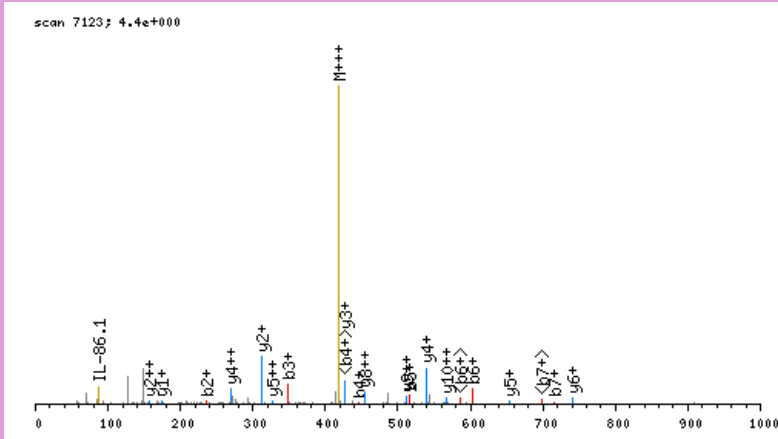
y + 2+ 3+

z + 2+ 3+

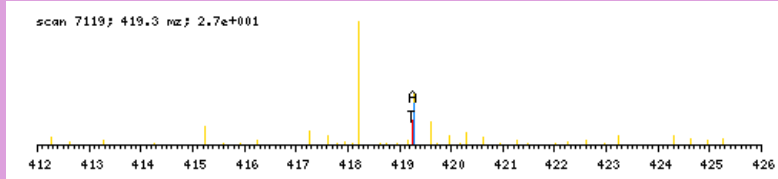
hide H₂O/NH₃

zoom 112-122

GO



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



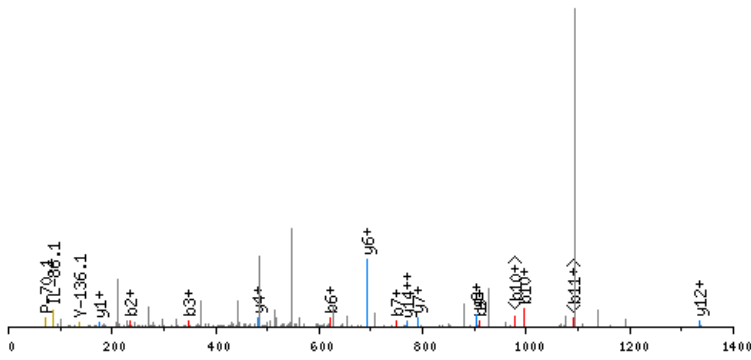
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 11		
235.1870	2	L 10	1134.6635	567.8357
348.2711	3	L 9	1021.5795	511.2936
445.3238	4	P 8	908.4954	454.7516
516.3609	5	A 7	811.4426	406.2252
603.3930	6	S 6	740.4055	370.7067
716.4770	7	L 5	653.3735	327.1907
829.5611	8	L 4	540.2894	270.6486
944.5880	9	D 3	427.2054	214.1066
1081.6469	10	H 2	312.1784	156.5931
	11	R 1	175.1195	88.0637

N-term:+35.07

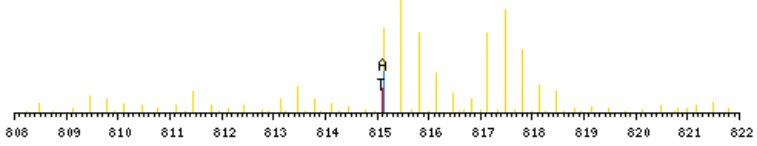
SLLSGEETGSLPGNYLVPIYSGR, MH+ 2443.2933, m/z 815.1026
 H OSG36 P180811 230811-s1.06091.06091.3.dta

scan 6091; 4.9e+000



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

scan 6089; 815.1 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 23		
235.1870	2	L 22	2322.1982	1161.6030
348.2711	3	L 21	2209.1141	1105.0610
435.3031	4	S 20	2096.0300	1048.5189
492.3245	5	G 19	2008.9980	1005.0029
621.3671	6	E 18	1951.9765	976.4922
750.4097	7	E 17	1822.9339	911.9709
851.4574	8	T 16	1693.8913	847.4496
908.4789	9	G 15	1592.8437	796.9257
995.5109	10	S 14	1535.8222	768.4150
1108.5950	11	L 13	1448.7902	724.8990
1205.6477	12	P 12	1335.7061	668.3570
1262.6692	13	G 11	1238.6533	619.8306
1376.7121	14	N 10	1181.6319	591.3199
1539.7755	15	Y 9	1067.5890	534.2984
1652.8595	16	L 8	904.5256	452.7667
1751.9279	17	V 7	791.4416	396.2247
1848.9807	18	P 6	692.3731	346.6905
1962.0648	19	I 5	595.3204	298.1641
2125.1281	20	Y 4	482.2363	241.6221
2212.1601	21	S 3	319.1730	160.0904
2269.1816	22	G 2	232.1410	116.5744
	23	R 1	175.1195	88.0637

N-term:+35.07

SLPGAPTASSGTAAYPALPNR, MH+ 2027.0562, m/z 676.3569
 L OSG36 P180811 230811-s1.04012.04012.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

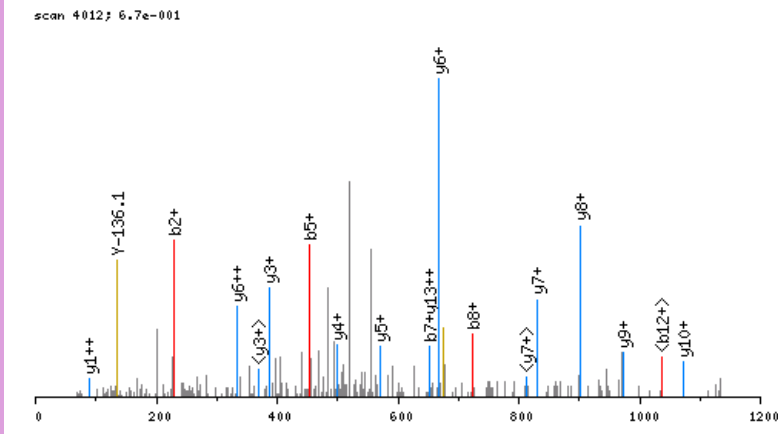
y + 2+ 3+

z + 2+ 3+

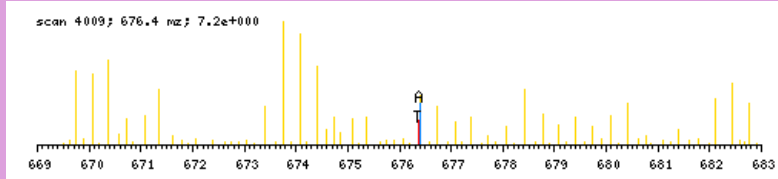
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1911.9929	956.5003
326.2080	3	P 19	1798.9088	899.9583
383.2294	4	G 18	1701.8560	851.4319
454.2665	5	A 17	1644.8346	822.9212
551.3193	6	P 16	1573.7974	787.4026
652.3670	7	T 15	1476.7447	738.8763
723.4041	8	A 14	1375.6970	688.3524
810.4361	9	S 13	1304.6599	652.8339
897.4681	10	S 12	1217.6279	609.3178
954.4896	11	G 11	1130.5958	565.8018
1055.5373	12	T 10	1073.5744	537.2911
1126.5744	13	A 9	972.5267	486.7673
1197.6115	14	A 8	901.4896	451.2487
1360.6748	15	Y 7	830.4525	415.7301
1457.7276	16	P 6	667.3891	334.1985
1528.7647	17	A 5	570.3364	285.6721
1641.8488	18	L 4	499.2993	250.1535
1738.9016	19	P 3	386.2152	193.6115
1852.9445	20	N 2	289.1624	145.0851
	21	R 1	175.1195	88.0637

N-term:+29.04

SLPGNYLVPIYSGR, MH+ 1569.8853, m/z 785.4463
 H OSG37 P180811 230811-s1.07641.07641.2.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+

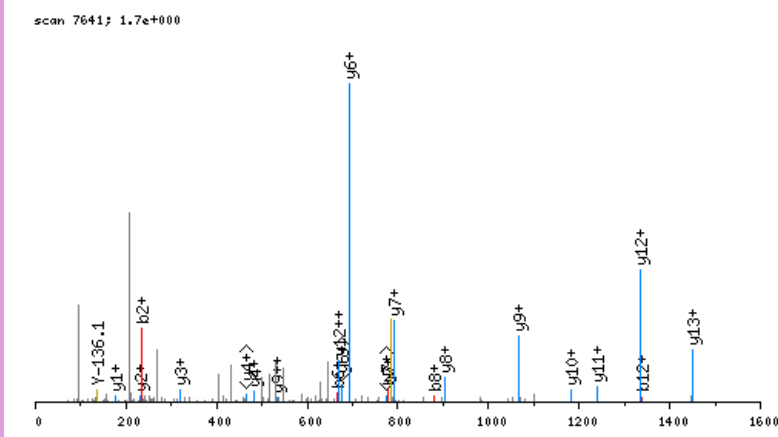
y + 2+ 3+

z + 2+ 3+

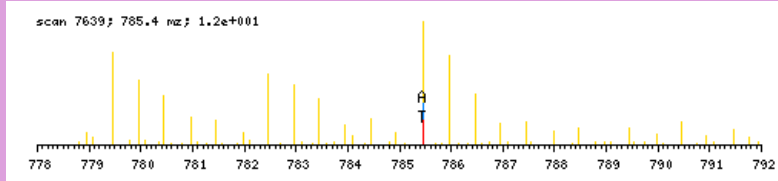
hide H₂O/NH₃

zoom 112-122

GO



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



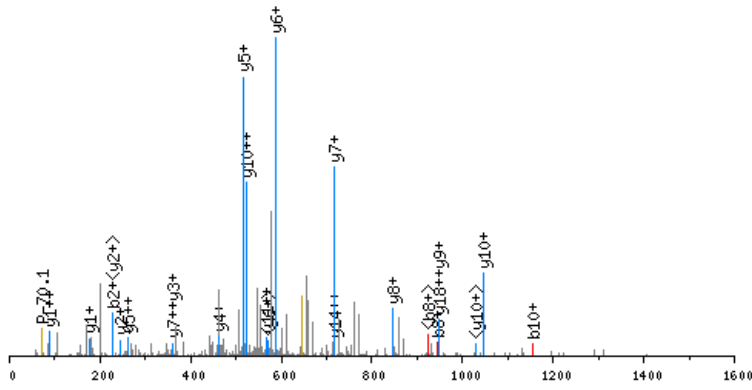
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

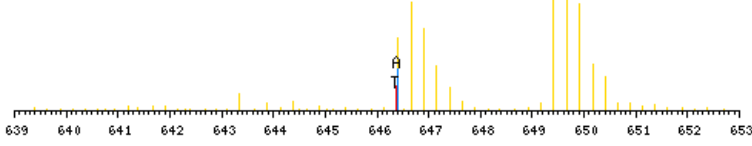
SLPPHQKVLPLSLPTMQAGTIAR, MH+ 2582.4493, m/z 646.3678
 L OSG40 P180811 230811-s1.06760.06760.4.dta

scan 6760; 3.2e+000



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

scan 6759; 646.4 m/z; 4.9e+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		
229.1552	2	L 23	2467.3859	1234.1969
326.2080	3	P 22	2354.3019	1177.6549
423.2607	4	P 21	2257.2491	1129.1285
560.3196	5	H 20	2160.1964	1080.6021
688.3782	6	Q 19	2023.1374	1012.0726
844.5045	7	K 18	1895.0789	948.0433
943.5729	8	V 17	1738.9526	869.9802
1040.6257	9	P 16	1639.8842	820.4460
1153.7098	10	L 15	1542.8314	771.9196
1250.7625	11	P 14	1429.7473	715.3776
1337.7945	12	S 13	1332.6946	666.8512
1450.8786	13	L 12	1245.6625	623.3352
1537.9106	14	S 11	1132.5785	566.7931
1634.9634	15	P 10	1045.5464	523.2771
1736.0111	16	T 9	948.4937	474.7508
1867.0516	17	M 8	847.4460	424.2269
1995.1101	18	Q 7	716.4055	358.7067
2066.1473	19	A 6	588.3469	294.6774
2123.1687	20	G 5	517.3098	259.1588
2224.2164	21	T 4	460.2884	230.6481
2337.3005	22	I 3	359.2407	180.1243
2408.3376	23	A 2	246.1566	123.5822
	24	R 1	175.1195	88.0637

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

SLPPIQAPSHPPPQPTQPR, MH+ 2170.1773, m/z 543.2998
 L OSG38 P180811 230811-s1.04792.04792.4.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+

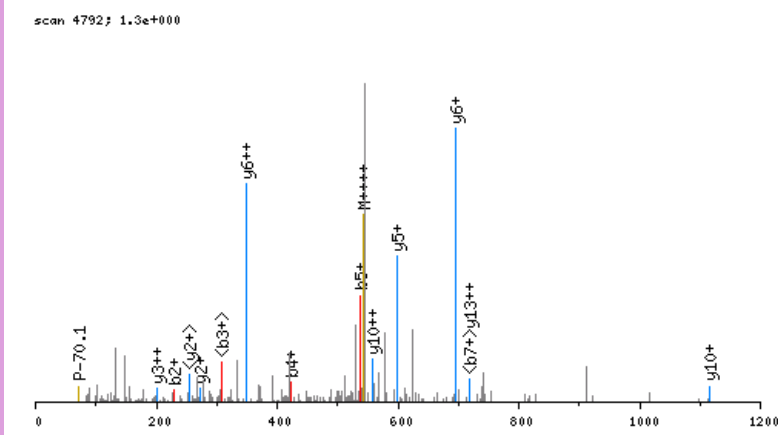
y + 2+ 3+

z + 2+ 3+

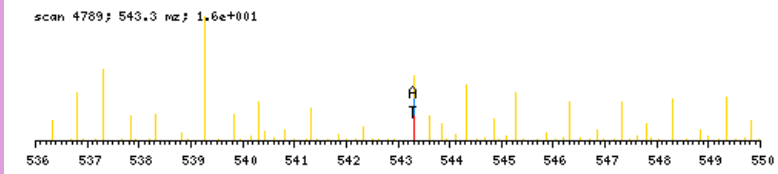
hide H₂O/NH₃

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		
229.1552	2	L	19	2055.1140	1028.0609
326.2080	3	P	18	1942.0299	971.5189
423.2607	4	P	17	1844.9771	922.9925
536.3448	5	I	16	1747.9244	874.4661
664.4034	6	Q	15	1634.8403	817.9241
735.4405	7	A	14	1506.7817	753.8948
832.4932	8	P	13	1435.7446	718.3762
919.5253	9	S	12	1338.6919	669.8498
1056.5842	10	H	11	1251.6598	626.3338
1153.6369	11	P	10	1114.6009	557.8044
1250.6897	12	P	9	1017.5482	509.2780
1347.7425	13	P	8	920.4954	460.7516
1475.8010	14	Q	7	823.4426	412.2252
1572.8538	15	P	6	695.3840	348.1959
1669.9066	16	P	5	598.3313	299.6696
1770.9543	17	T	4	501.2785	251.1432
1899.0128	18	Q	3	400.2308	200.6193
1996.0656	19	P	2	272.1723	136.5900
	20	R	1	175.1195	88.0637

N-term:+29.04

SLQMGITNKGASQAGMLAPGTR, MH+ 2144.1592, m/z 536.7953
 H OSG39 P180811 230811-s1.03645.03645.4.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+

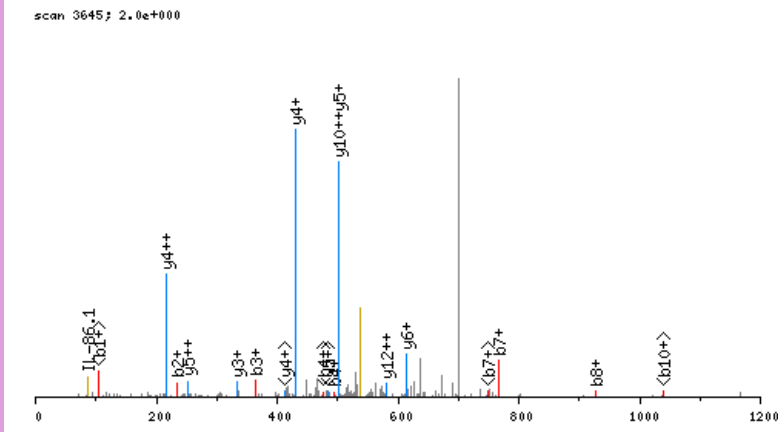
y + 2+ 3+

z + 2+ 3+

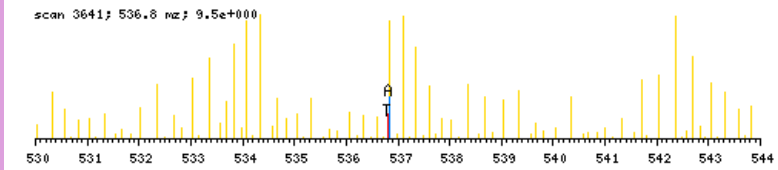
hide H₂O/NH₃

zoom 112-122

GO



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



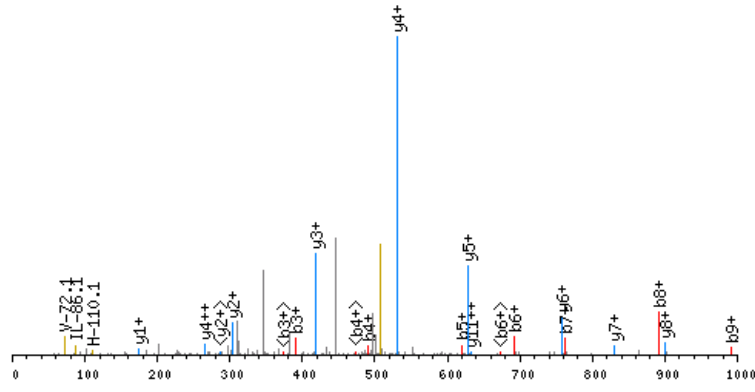
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
122.1029	1	S	21		
235.1870	2	L	20	2023.0641	1012.0360
363.2456	3	Q	19	1909.9801	955.4939
494.2861	4	M	18	1781.9215	891.4647
551.3075	5	G	17	1650.8810	825.9444
652.3552	6	T	16	1593.8595	797.4337
766.3981	7	N	15	1492.8119	746.9098
928.5562	8	K	14	1378.7689	689.8884
985.5777	9	G	13	1216.6108	608.8093
1056.6148	10	A	12	1159.5894	580.2986
1143.6468	11	S	11	1088.5523	544.7800
1271.7054	12	Q	10	1001.5202	501.2640
1342.7425	13	A	9	873.4616	437.2347
1399.7640	14	G	8	802.4245	401.7162
1530.8045	15	M	7	745.4031	373.2054
1643.8885	16	L	6	614.3626	307.6852
1714.9256	17	A	5	501.2785	251.1432
1811.9784	18	P	4	430.2414	215.6246
1868.9999	19	G	3	333.1886	167.0982
1970.0476	20	T	2	276.1672	138.5875
	21	R	1	175.1195	88.0637

N-term:+35.07 K(8):+162.16

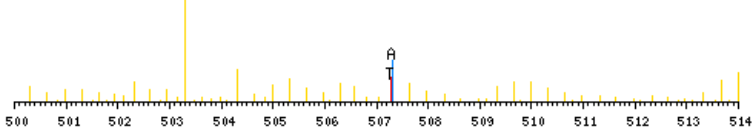
SMHTEAAEVLLER, MH+ 1519.8002, m/z 507.2716
 H OSG40 P180811 230811-s1.05818.05818.3.dta

scan 5818; 2.7e+000



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

scan 5814; 507.3 m/z; 6.2e+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		
253.1434	2	M 12	1398.7051	699.8565
390.2023	3	H 11	1267.6646	634.3362
491.2500	4	T 10	1130.6057	565.8068
620.2926	5	E 9	1029.5580	515.2829
691.3297	6	A 8	900.5155	450.7616
762.3668	7	A 7	829.4783	415.2431
891.4094	8	E 6	758.4412	379.7245
990.4778	9	V 5	629.3986	315.2032
1103.5619	10	L 4	530.3302	265.6690
1216.6460	11	L 3	417.2462	209.1270
1345.6886	12	E 2	304.1621	152.5850
	13	R 1	175.1195	88.0637

N-term:+35.07

SMPPAQQQITSGQMHR, MH+ 1830.9167, m/z 610.9771
 H OSG39 P180811 230811-s1.02722.02722.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

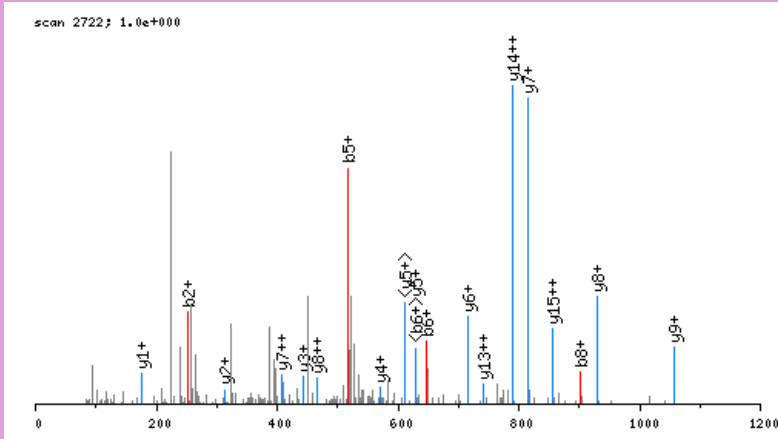
y + 2+ 3+

z + 2+ 3+

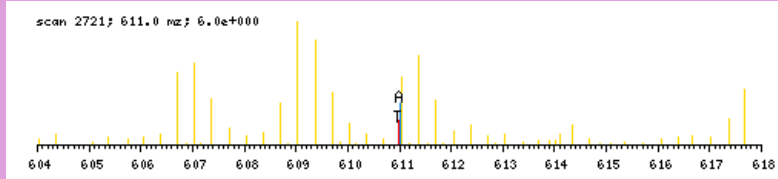
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
253.1434	2	M 15	1709.8216	855.4147
350.1962	3	P 14	1578.7811	789.8945
447.2489	4	P 13	1481.7283	741.3681
518.2861	5	A 12	1384.6756	692.8417
646.3446	6	Q 11	1313.6384	657.3231
774.4032	7	Q 10	1185.5799	593.2938
902.4618	8	Q 9	1057.5213	529.2646
1015.5459	9	I 8	929.4627	465.2353
1116.5935	10	T 7	816.3786	408.6932
1203.6256	11	S 6	715.3310	358.1694
1260.6470	12	G 5	628.2989	314.6534
1388.7056	13	Q 4	571.2775	286.1426
1519.7461	14	M 3	443.2189	222.1134
1656.8050	15	H 2	312.1784	156.5931
	16	R 1	175.1195	88.0637

N-term:+35.07

SNAVSSLASTGLSLTKVDER, MH+ 2091.1297, m/z 697.7148
 L OSG39 P180811 230811-s1.06555.06555.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

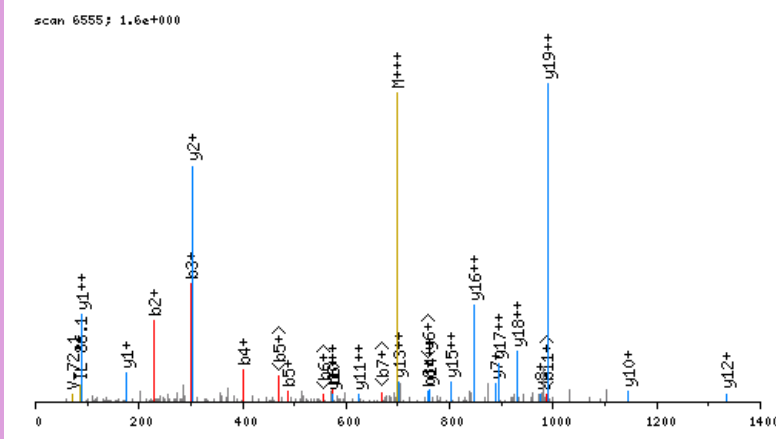
y + 2+ 3+

z + 2+ 3+

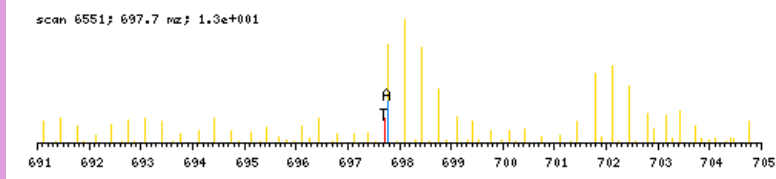
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 OSG37 P180811 230811-s1.06717.06717.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

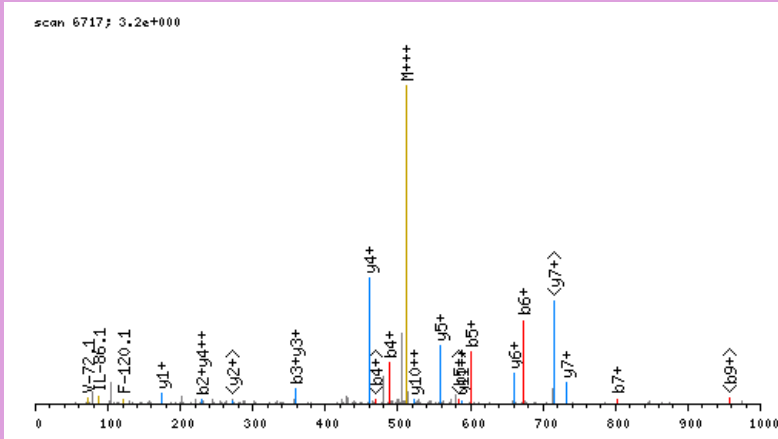
y + 2+ 3+

z + 2+ 3+

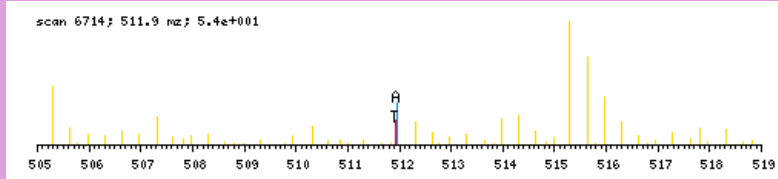
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

SNNKDQGGYEDFVEGLR, MH+ 1983.9412, m/z 661.9853
 L OSG40 P180811 230811-s1.06482.06482.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

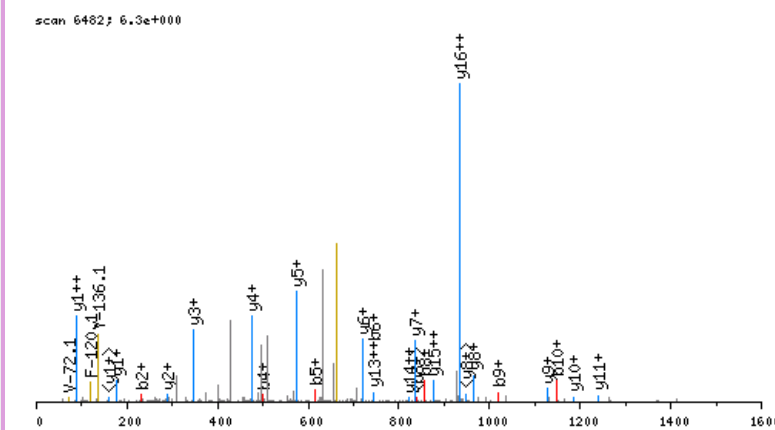
y + 2+ 3+

z + 2+ 3+

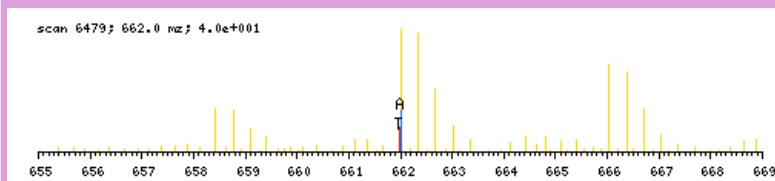
hide H₂O/NH₃

zoom 112-122

GO



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



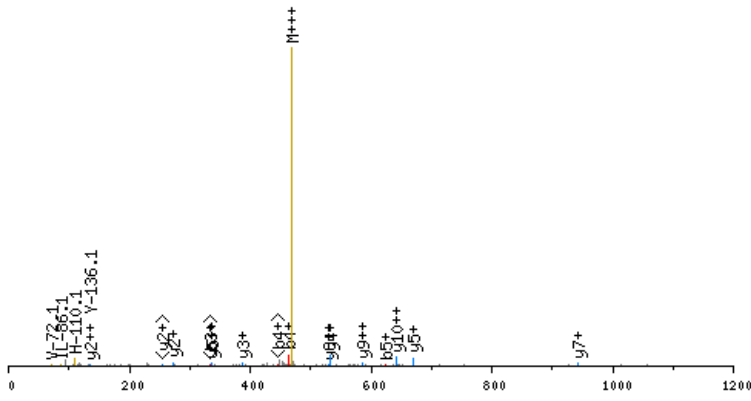
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S	17	
230.1141	2	N	16	1868.8779
344.1570	3	N	15	1754.8350
500.2833	4	K	14	1640.7921
615.3102	5	D	13	1484.6658
743.3688	6	Q	12	1369.6388
800.3903	7	G	11	1241.5802
857.4117	8	G	10	1184.5588
1020.4751	9	Y	9	1127.5373
1149.5177	10	E	8	964.4740
1264.5446	11	D	7	835.4314
1411.6130	12	F	6	720.4044
1510.6814	13	V	5	573.3360
1639.7240	14	E	4	474.2676
1696.7455	15	G	3	345.2250
1809.8295	16	L	2	288.2036
	17	R	1	175.1195

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

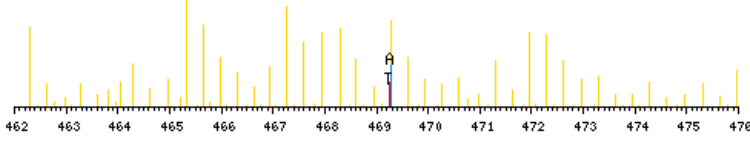
SNNLCLHFNPR, MH+ 1405.7222, m/z 469.2456
 H OSG40 P180811 230811-s1.04781.04781.3.dta

scan 4781; 7.9e+000



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

scan 4779; 469.2 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

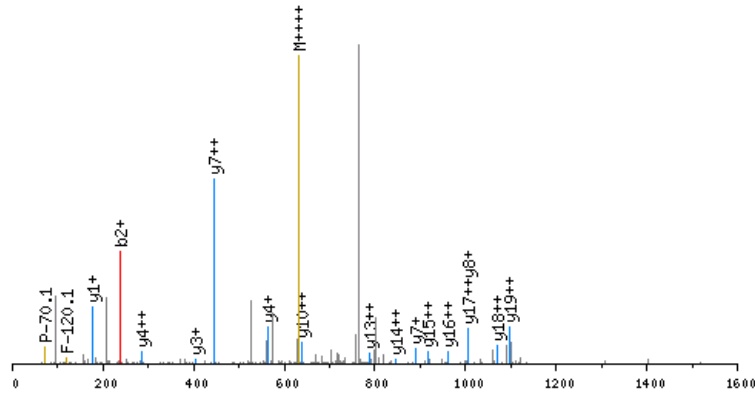
GO

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 11		
236.1459	2	N 10	1284.6271	642.8175
350.1888	3	N 9	1170.5842	585.7960
463.2728	4	L 8	1056.5412	528.7745
623.3034	5	C 7	943.4572	472.2325
736.3875	6	L 6	783.4266	392.2172
873.4464	7	H 5	670.3425	335.6752
1020.5148	8	F 4	533.2836	267.1457
1134.5578	9	N 3	386.2152	193.6115
1231.6105	10	P 2	272.1723	136.5900
	11	R 1	175.1195	88.0637

N-term:+35.07 C(5):+160.03

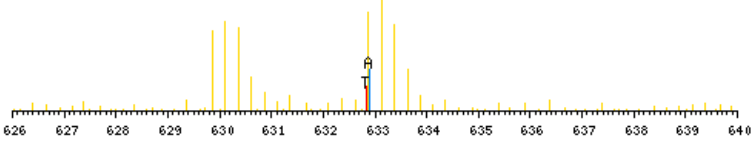
SNPGESEFDLADRLDPVEKIDR, MH+ 2528.3269, m/z 632.8372
 H OSG40 P180811 230811-s1.07727.07727.4.dta

scan 7727; 4.4e+000



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

scan 7724; 632.8 mz; 2.8e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

SNTDFAFSLYR, MH+ 1348.6537, m/z 674.8305
 L OSG38 P180811 230811-s1.06708.06708.2.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+

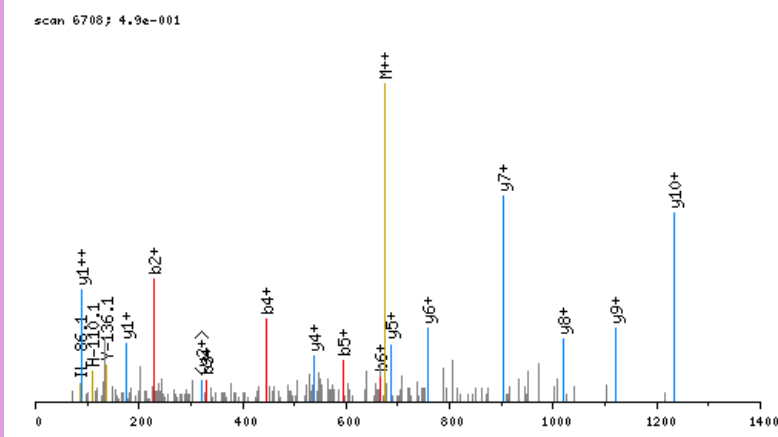
y + 2+ 3+

z + 2+ 3+

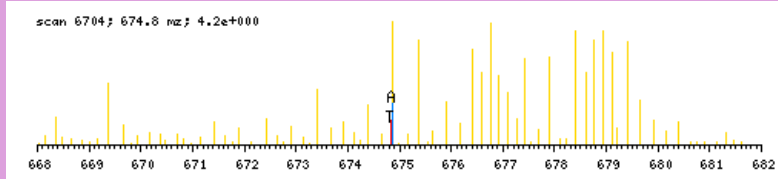
hide H₂O/NH₃

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 OSG39 P180811 230811-s1.02442.02442.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

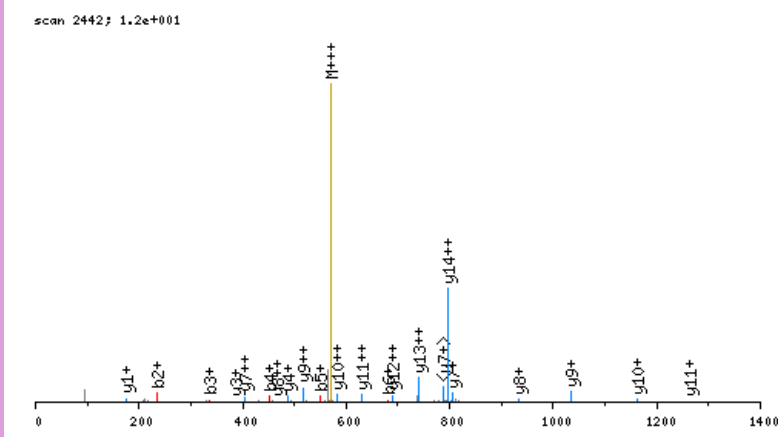
y + 2+ 3+

z + 2+ 3+

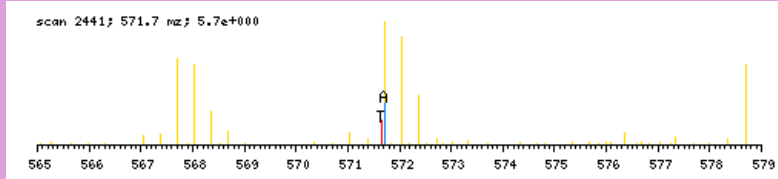
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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+ 2065.9248, m/z 689.3131
 L OSG40 P180811 230811-s1.04721.04721.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

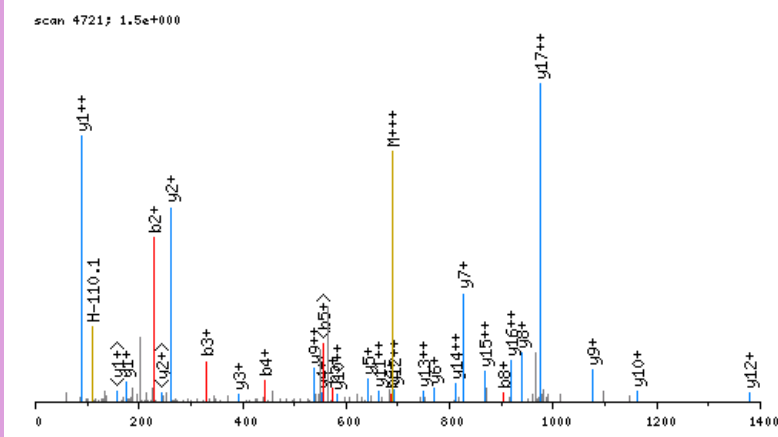
y + 2+ 3+

z + 2+ 3+

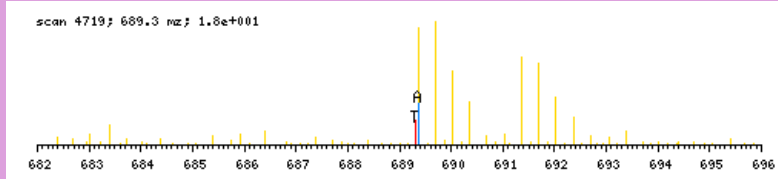
hide H₂O/NH₃

zoom 112-122

GO



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



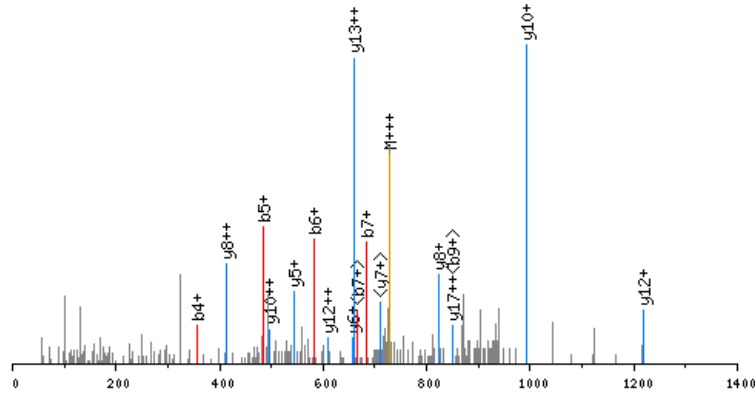
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 18		
230.1141	2	N 17	1950.8615	975.9347
329.1825	3	V 16	1836.8186	918.9132
444.2094	4	D 15	1737.7502	869.3790
573.2520	5	E 14	1622.7232	811.8655
686.3361	6	L 13	1493.6807	747.3442
743.3575	7	G 12	1380.5966	690.8022
903.3881	8	C 11	1323.5751	662.2915
990.4202	9	S 10	1163.5445	582.2762
1127.4791	10	H 9	1076.5125	538.7602
1240.5631	11	L 8	939.4536	470.2307
1297.5846	12	G 7	826.3695	413.6887
1425.6432	13	Q 6	769.3481	385.1779
1512.6752	14	S 5	641.2895	321.1487
1675.7385	15	Y 4	554.2575	277.6326
1804.7811	16	E 3	391.1941	196.1010
1891.8132	17	S 2	262.1515	131.5797
	18	R 1	175.1195	88.0637

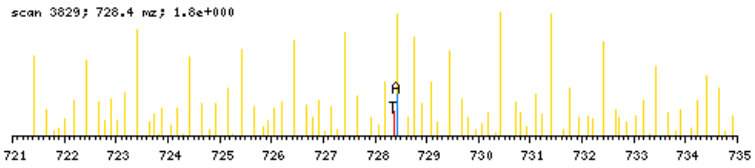
N-term:+29.04 C(8):+160.03

SPAAEVTPSPPEPAPALEAPAR, MH+ 2183.1348, m/z 728.3831
L OSG36 P180811 230811-s1.03833.03833.3.dta

scan 3833; 4.6e-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⁺
116.0711	1	S 22		
213.1239	2	P 21	2068.0715	1034.5397
284.1610	3	A 20	1971.0187	986.0133
355.1981	4	A 19	1899.9816	950.4947
484.2407	5	E 18	1828.9445	914.9762
583.3091	6	V 17	1699.9019	850.4549
684.3568	7	T 16	1600.8335	800.9207
781.4096	8	P 15	1499.7858	750.3968
868.4416	9	S 14	1402.7331	701.8704
965.4944	10	P 13	1315.7010	658.3544
1062.5471	11	P 12	1218.6483	609.8280
1191.5897	12	E 11	1121.5955	561.3017
1288.6425	13	P 10	992.5529	496.7804
1359.6796	14	A 9	895.5001	448.2540
1456.7324	15	P 8	824.4630	412.7354
1527.7695	16	A 7	727.4103	364.2090
1640.8535	17	L 6	656.3731	328.6905
1769.8961	18	E 5	543.2891	272.1485
1840.9332	19	A 4	414.2465	207.6272
1937.9860	20	P 3	343.2094	172.1086
2009.0231	21	A 2	246.1566	123.5822
	22	R 1	175.1195	88.0637

N-term:+29.04

SPASHEIATNLGDFALR, MH+ 1832.9719, m/z 611.6621
 H OSG40 P180811 230811-s1.07076.07076.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

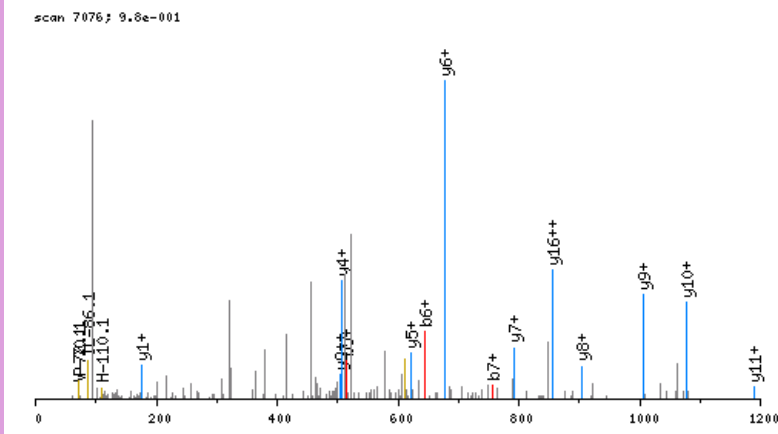
y + 2+ 3+

z + 2+ 3+

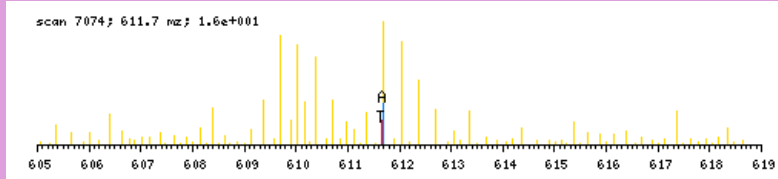
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
219.1557	2	P 16	1711.8768	856.4423
290.1928	3	A 15	1614.8240	807.9159
377.2248	4	S 14	1543.7869	772.3974
514.2837	5	H 13	1456.7549	728.8813
643.3263	6	E 12	1319.6959	660.3519
756.4104	7	I 11	1190.6533	595.8306
827.4475	8	A 10	1077.5693	539.2886
928.4952	9	T 9	1006.5322	503.7700
1042.5381	10	N 8	905.4845	453.2462
1155.6222	11	L 7	791.4416	396.2247
1212.6437	12	G 6	678.3575	339.6827
1327.6706	13	D 5	621.3360	311.1719
1474.7390	14	F 4	506.3091	253.6585
1545.7761	15	A 3	359.2407	180.1243
1658.8602	16	L 2	288.2036	144.6057
	17	R 1	175.1195	88.0637

N-term:+35.07

SPDPGLTALLSDHR, MH+ 1506.7916, m/z 502.9354
 L OSG39 P180811 230811-s1.05574.05574.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

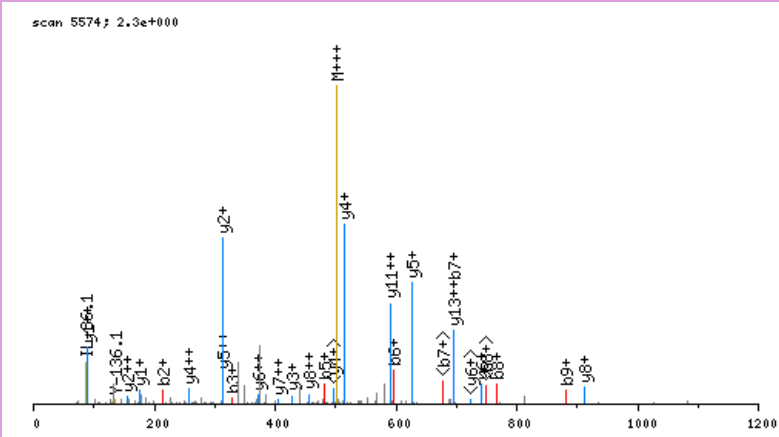
y + 2+ 3+

z + 2+ 3+

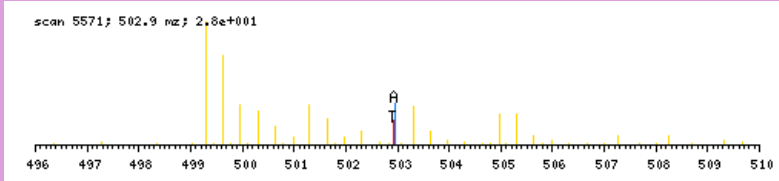
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

SPGLPPLPSLPPR, MH+ 1361.8369, m/z 454.6171
 H OSG37 P180811 230811-s1.07108.07108.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

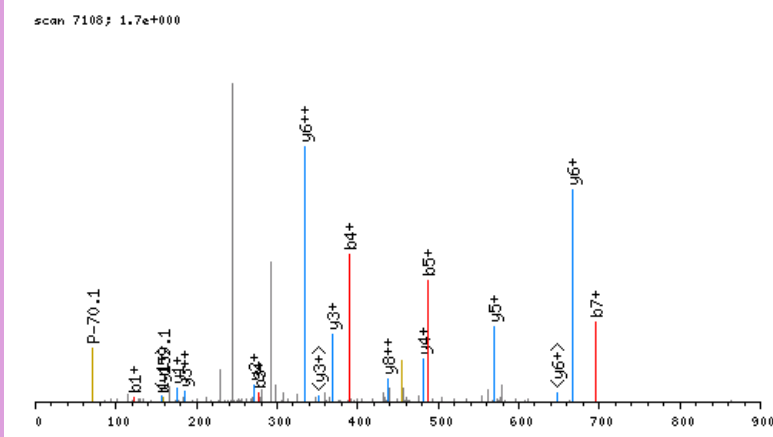
y + 2+ 3+

z + 2+ 3+

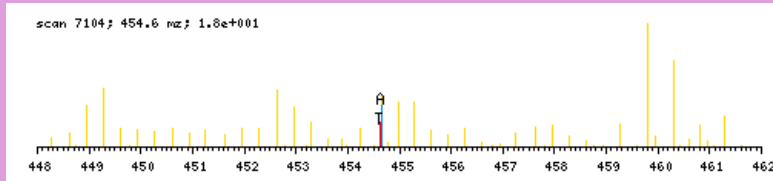
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
219.1557	2	P 12	1240.7418	620.8748
276.1772	3	G 11	1143.6890	572.3484
389.2612	4	L 10	1086.6675	543.8377
486.3140	5	P 9	973.5835	487.2957
583.3667	6	P 8	876.5307	438.7693
696.4508	7	L 7	779.4779	390.2429
793.5036	8	P 6	666.3939	333.7009
880.5356	9	S 5	569.3411	285.1745
993.6197	10	L 4	482.3091	241.6585
1090.6724	11	P 3	369.2250	185.1164
1187.7252	12	P 2	272.1723	136.5900
	13	R 1	175.1195	88.0637

N-term:+35.07

SPPPPPEPTSEGR, MH+ 1478.7703, m/z 493.5950
 H OSG37 P180811 230811-s1.02476.02476.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

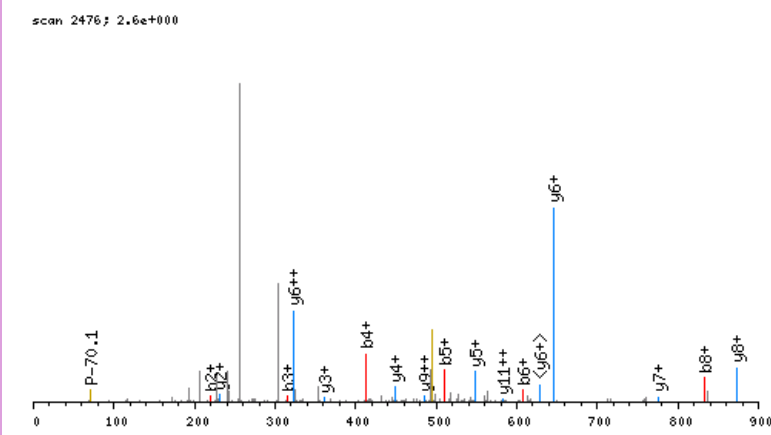
y + 2+ 3+

z + 2+ 3+

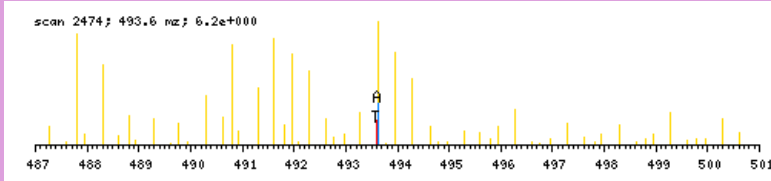
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
219.1557	2	P 13	1357.6752	679.3415
316.2085	3	P 12	1260.6224	630.8151
413.2612	4	P 11	1163.5697	582.2888
510.3140	5	P 10	1066.5169	533.7624
607.3667	6	P 9	969.4641	485.2360
704.4195	7	P 8	872.4114	436.7096
833.4621	8	E 7	775.3586	388.1832
930.5149	9	P 6	646.3160	323.6619
1031.5625	10	T 5	549.2633	275.1355
1118.5946	11	S 4	448.2156	224.6117
1247.6372	12	E 3	361.1836	181.0957
1304.6586	13	G 2	232.1410	116.5744
	14	R 1	175.1195	88.0637

N-term:+35.07

SQEGHLVEEVILR, MH+ 1542.8704, m/z 514.9616
 H OSG40 P180811 230811-s1.06458.06458.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

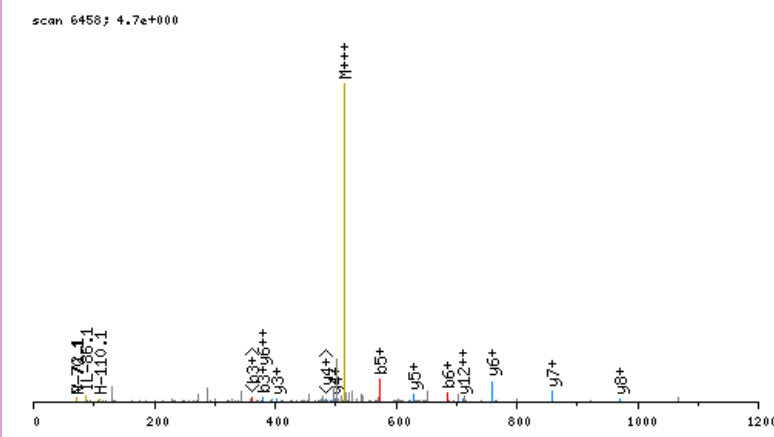
y + 2+ 3+

z + 2+ 3+

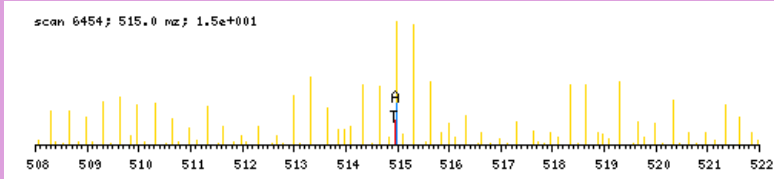
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
250.1615	2	Q 12	1421.7753	711.3915
379.2041	3	E 11	1293.7167	647.3623
436.2256	4	G 10	1164.6741	582.8410
573.2845	5	H 9	1107.6526	554.3302
686.3685	6	L 8	970.5937	485.8008
785.4370	7	V 7	857.5096	429.2587
914.4795	8	E 6	758.4412	379.7245
1043.5221	9	E 5	629.3986	315.2032
1142.5906	10	V 4	500.3560	250.6819
1255.6746	11	I 3	401.2876	201.1477
1368.7587	12	L 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+35.07

SQFQESDDADEDYGR, MH+ 1795.7471, m/z 599.2539
 H OSG37 P180811 230811-s1.03042.03042.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

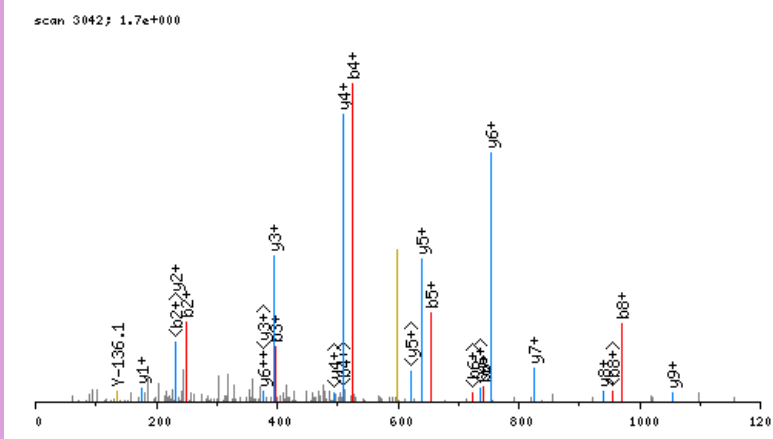
y + 2+ 3+

z + 2+ 3+

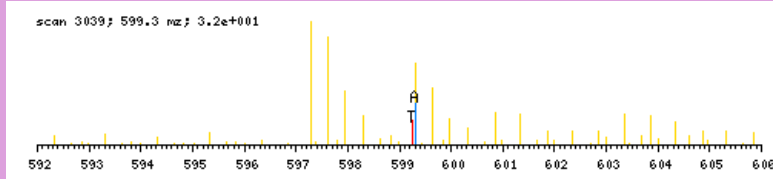
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
250.1615	2	Q 14	1674.6520	837.8299
397.2299	3	F 13	1546.5934	773.8006
525.2885	4	Q 12	1399.5250	700.2664
654.3311	5	E 11	1271.4664	636.2371
741.3631	6	S 10	1142.4238	571.7158
856.3901	7	D 9	1055.3918	528.1998
971.4170	8	D 8	940.3648	470.6863
1042.4541	9	A 7	825.3379	413.1729
1157.4811	10	D 6	754.3008	377.6543
1286.5237	11	E 5	639.2738	320.1408
1401.5506	12	D 4	510.2312	255.6195
1564.6139	13	Y 3	395.2043	198.1061
1621.6354	14	G 2	232.1410	116.5744
	15	R 1	175.1195	88.0637

N-term:+35.07

SQLLQEDSLNVADLSSLR, MH+ 2016.0613, m/z 672.6920
 L OSG37 P180811 230811-s1.08417.08417.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

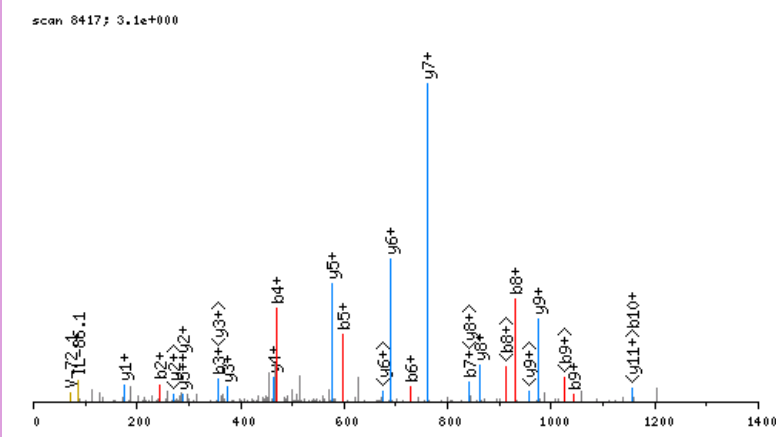
y + 2+ 3+

z + 2+ 3+

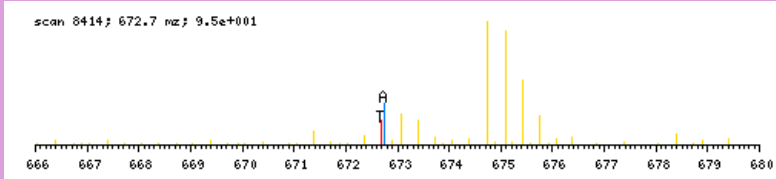
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

SQQSSSYGQQSSFR, MH+ 1610.7623, m/z 537.5923
 H OSG38 P180811 230811-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+

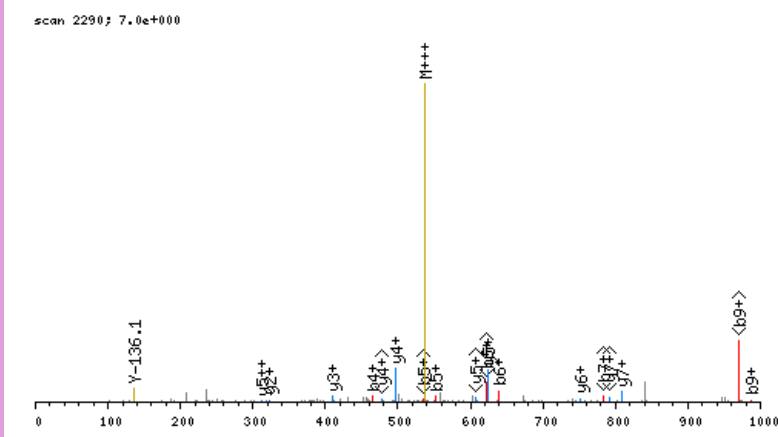
y + 2+ 3+

z + 2+ 3+

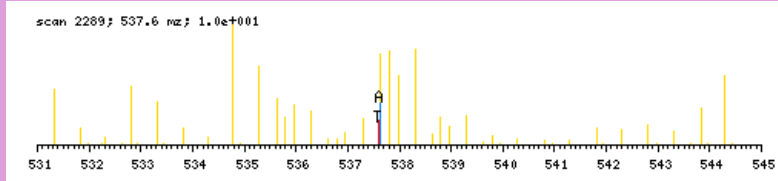
hide H₂O/NH₃

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⁺
122.1029	1	S 14		
250.1615	2	Q 13	1489.6672	745.3375
378.2201	3	Q 12	1361.6086	681.3082
465.2521	4	S 11	1233.5500	617.2789
552.2841	5	S 10	1146.5180	573.7629
639.3162	6	S 9	1059.4859	530.2469
802.3795	7	Y 8	972.4539	486.7309
859.4010	8	G 7	809.3906	405.1992
987.4595	9	Q 6	752.3691	376.6885
1115.5181	10	Q 5	624.3105	312.6592
1202.5501	11	S 4	496.2520	248.6299
1289.5822	12	S 3	409.2199	205.1139
1436.6506	13	F 2	322.1879	161.5979
	14	R 1	175.1195	88.0637

N-term:+35.07

SRGESQEVALPSR, MH+ 1449.7874, m/z 483.9340
 H OSG40 P180811 230811-s1.02741.02741.3.dta

scan 2741; 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+

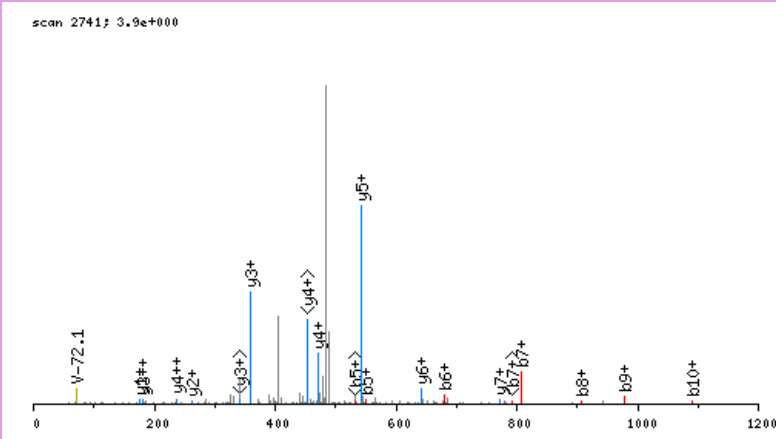
y + 2+ 3+

z + 2+ 3+

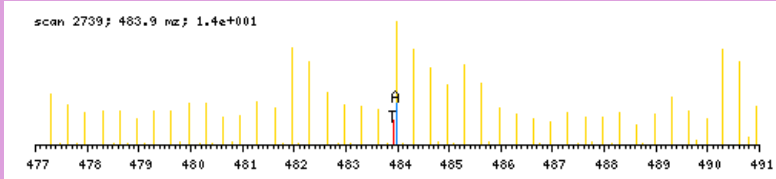
hide H₂O/NH₃

zoom 112-122

GO



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

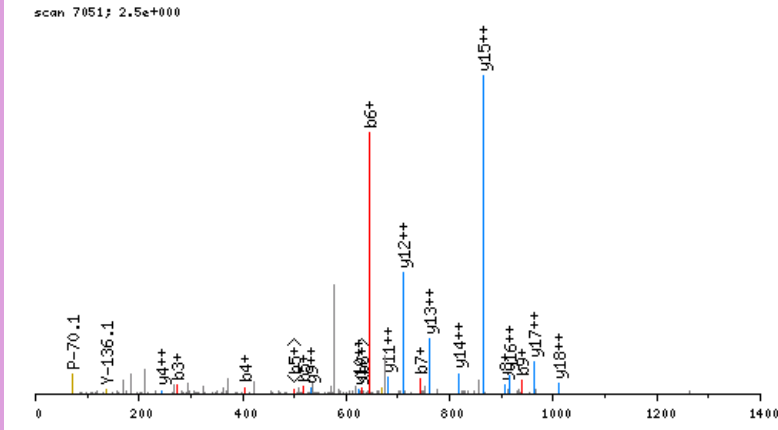


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

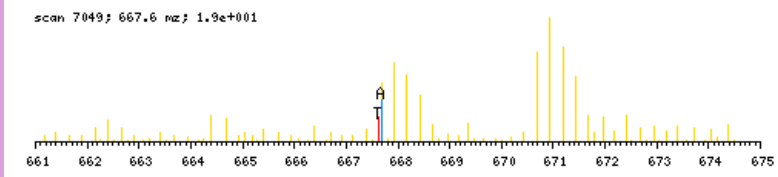
b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 13		
278.2040	2	R 12	1328.6923	664.8500
335.2255	3	G 11	1172.5911	586.7995
464.2681	4	E 10	1115.5697	558.2888
551.3001	5	S 9	986.5271	493.7675
679.3587	6	Q 8	899.4951	450.2514
808.4013	7	E 7	771.4365	386.2222
907.4697	8	V 6	642.3939	321.7009
978.5068	9	A 5	543.3255	272.1666
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

SSAENEPPVPLVGNWRPPQPVKGR, MH+ 2667.4371, m/z 667.6147
 L OSG40 P180811 230811-s1.07051.07051.4.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⁺
116.0711	1	S 24		
203.1032	2	S 23	2552.3738	1276.6908
274.1403	3	A 22	2465.3418	1233.1748
403.1829	4	E 21	2394.3047	1197.6562
517.2258	5	N 20	2265.2621	1133.1349
646.2684	6	E 19	2151.2191	1076.1135
743.3211	7	P 18	2022.1765	1011.5922
840.3739	8	P 17	1925.1238	963.0658
939.4423	9	V 16	1828.0710	914.5394
1036.4951	10	P 15	1729.0026	865.0052
1149.5792	11	L 14	1631.9498	816.4788
1248.6476	12	V 13	1518.8658	759.9368
1305.6690	13	G 12	1419.7974	710.4026
1419.7120	14	N 11	1362.7759	681.8919
1605.7913	15	W 10	1248.7330	624.8704
1761.8924	16	R 9	1062.6537	531.8307
1858.9451	17	P 8	906.5525	453.7802
1955.9979	18	P 7	809.4998	405.2538
2084.0565	19	Q 6	712.4470	356.7274
2181.1093	20	P 5	584.3884	292.6981
2280.1777	21	V 4	487.3357	244.1718
2436.3040	22	K 3	388.2673	194.6375
2493.3254	23	G 2	232.1410	116.5744
	24	R 1	175.1195	88.0637

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

SSDAQWLTAEER, MH+ 1426.7026, m/z 713.8549
 H OSG37 P180811 230811-s1.04781.04781.2.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+

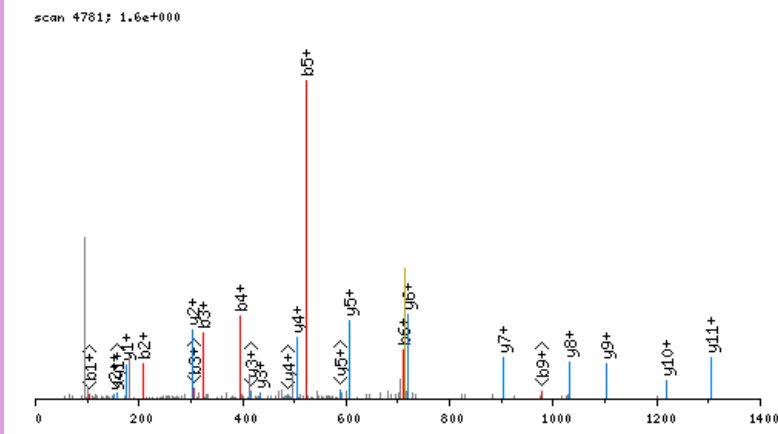
y + 2+ 3+

z + 2+ 3+

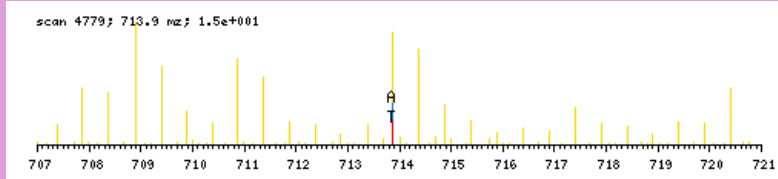
hide H₂O/NH₃

zoom 112-122

GO



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



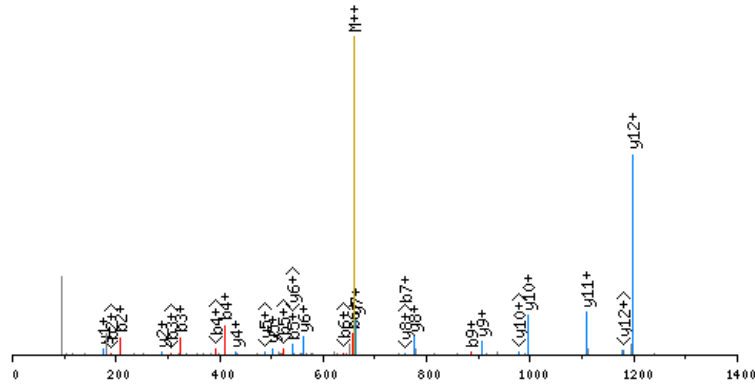
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 12		
209.1350	2	S 11	1305.6075	653.3077
324.1619	3	D 10	1218.5755	609.7917
395.1990	4	A 9	1103.5485	552.2782
523.2576	5	Q 8	1032.5114	516.7596
709.3369	6	W 7	904.4529	452.7303
822.4210	7	L 6	718.3735	359.6907
923.4686	8	T 5	605.2895	303.1487
994.5058	9	A 4	504.2418	252.6248
1123.5484	10	E 3	433.2047	217.1063
1252.5909	11	E 2	304.1621	152.5850
	12	R 1	175.1195	88.0637

N-term:+35.07

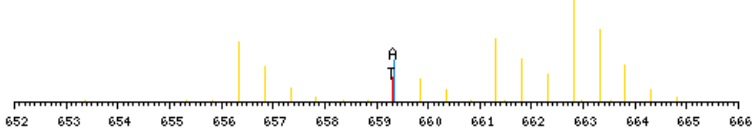
SSDSMDTGAGSIR, MH+ 1317.6168, m/z 659.3121
 H OSG38 P180811 230811-s1.02437.02437.2.dta

scan 2437; 4.3e+000



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

scan 2434; 659.3 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⁺
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 OSG40 P180811 230811-s1.02028.02028.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

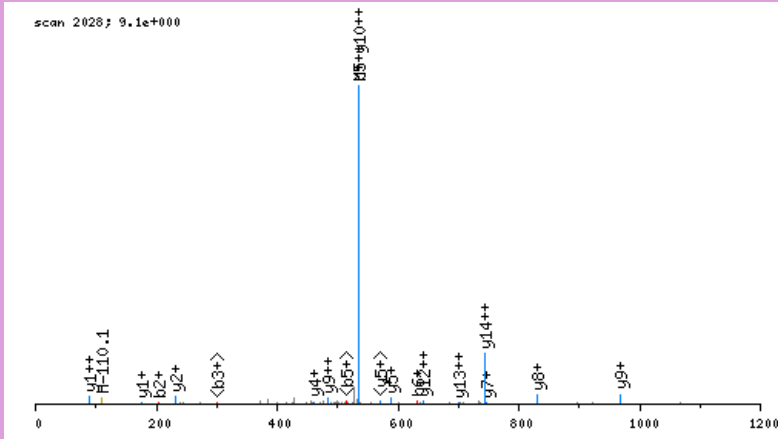
y + 2+ 3+

z + 2+ 3+

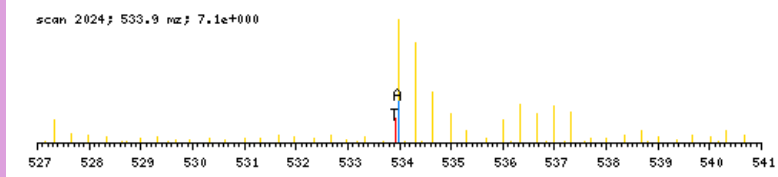
hide H₂O/NH₃

zoom 112-122

GO



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



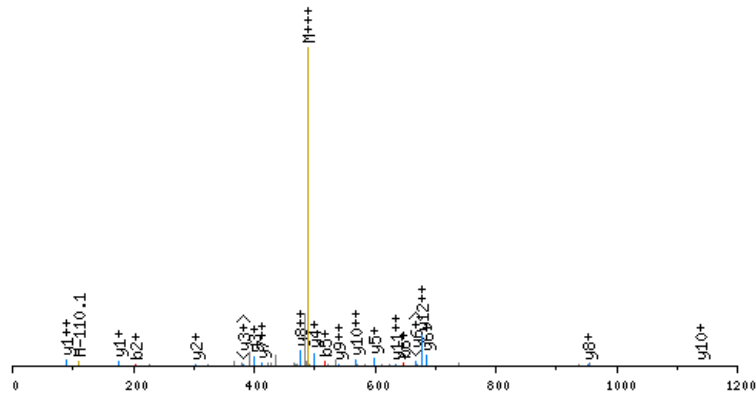
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

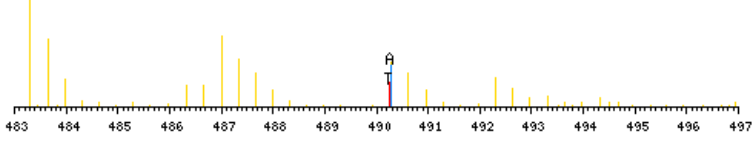
SSEGEEHVVVPPQR, MH+ 1468.7032, m/z 490.2392
 L OSG40 P180811 230811-s1.02035.02035.3.dta

scan 2035; 1.1e+001



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

scan 2034; 490.2 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

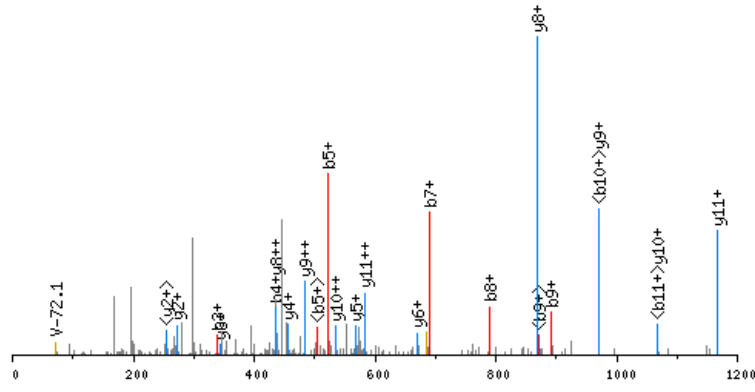
GO

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 13		
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

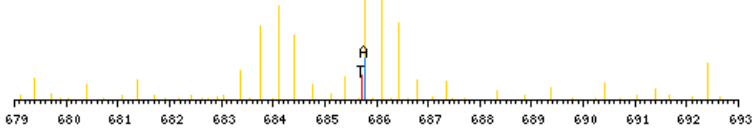
SSEPSAVTPVPTPTLIAPR, MH+ 2055.1550, m/z 685.7232
 H OSG36 P180811 230811-s1.04613.04613.3.dta

scan 4613; 1.3e+000



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

scan 4609; 685.7 m/z; 3.9e+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⁺
122.1029	1	S 20		
209.1350	2	S 19	1934.0599	967.5338
338.1776	3	E 18	1847.0278	924.0178
435.2303	4	P 17	1717.9852	859.4965
522.2623	5	S 16	1620.9325	810.9702
619.3151	6	P 15	1533.9005	767.4541
690.3522	7	A 14	1436.8477	718.9278
789.4206	8	V 13	1365.8106	683.4092
890.4683	9	T 12	1266.7422	633.8750
987.5211	10	P 11	1165.6945	583.3512
1086.5895	11	V 10	1068.6417	534.8248
1187.6372	12	T 9	969.5733	485.2906
1284.6899	13	P 8	868.5256	434.7667
1385.7376	14	T 7	771.4729	386.2403
1486.7853	15	T 6	670.4252	335.7165
1599.8694	16	L 5	569.3775	285.1927
1712.9534	17	I 4	456.2934	228.6506
1783.9905	18	A 3	343.2094	172.1086
1881.0433	19	P 2	272.1723	136.5900
	20	R 1	175.1195	88.0637

N-term:+35.07

SSFGLPISEVVVVKDR, MH+ 1687.0067, m/z 563.0071
 H OSG39 P180811 230811-s1.05542.05542.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

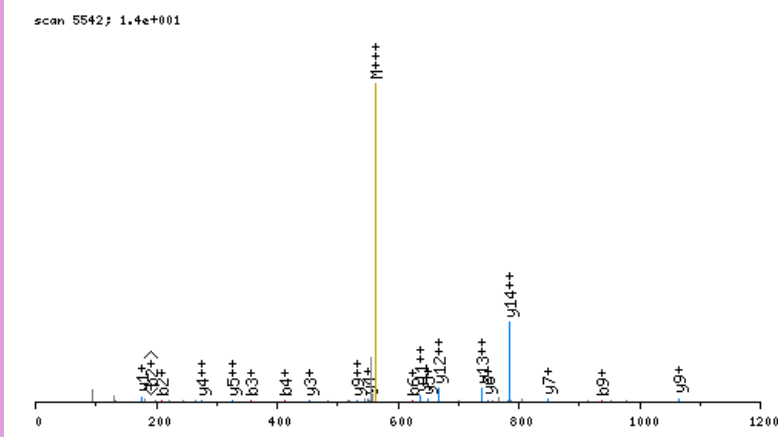
y + 2+ 3+

z + 2+ 3+

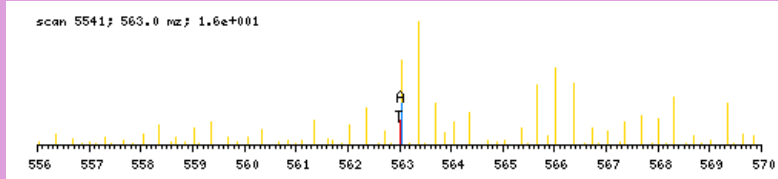
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

SSGAIDTQQHEEVELR, MH+ 1826.8884, m/z 609.6343
 L OSG39 P180811 230811-s1.02882.02882.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

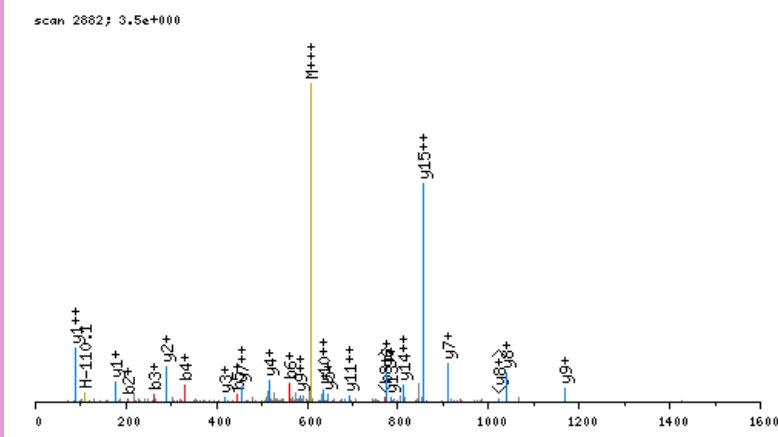
y + 2+ 3+

z + 2+ 3+

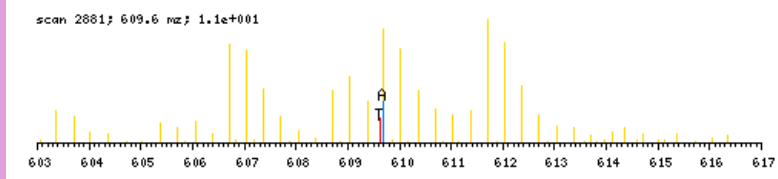
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1711.8251	856.4165
260.1246	3	G 14	1624.7931	812.9005
331.1617	4	A 13	1567.7716	784.3897
444.2458	5	I 12	1496.7345	748.8712
559.2727	6	D 11	1383.6504	692.3291
660.3204	7	T 10	1268.6235	634.8157
788.3790	8	Q 9	1167.5758	584.2918
916.4376	9	Q 8	1039.5172	520.2625
1053.4965	10	H 7	911.4587	456.2332
1182.5391	11	E 6	774.3998	387.7038
1311.5817	12	E 5	645.3572	323.1825
1410.6501	13	V 4	516.3146	258.6612
1539.6927	14	E 3	417.2462	209.1270
1652.7767	15	L 2	288.2036	144.6057
	16	R 1	175.1195	88.0637

N-term:+29.04

SSGFSLEDPQTHSNR, MH+ 1689.7832, m/z 563.9326
 L OSG40 P180811 230811-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+

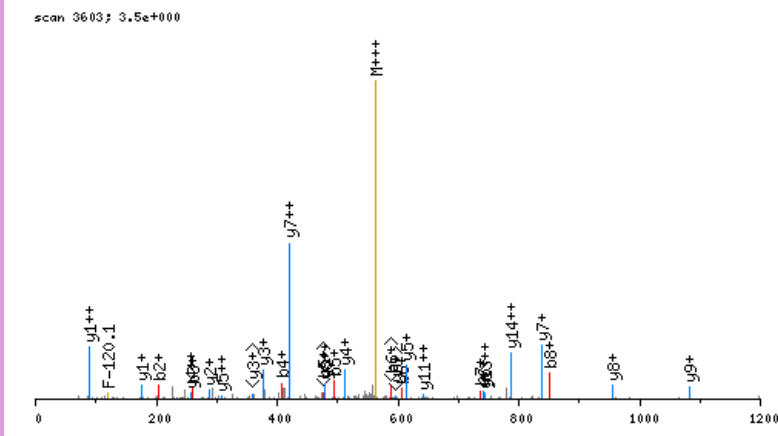
y + 2+ 3+

z + 2+ 3+

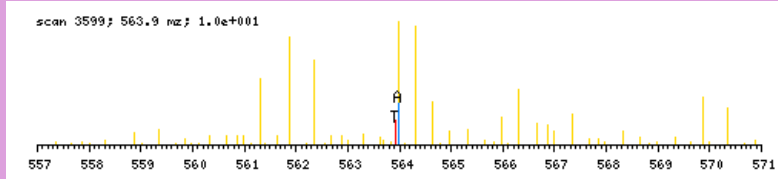
hide H₂O/NH₃

zoom 112-122

GO



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



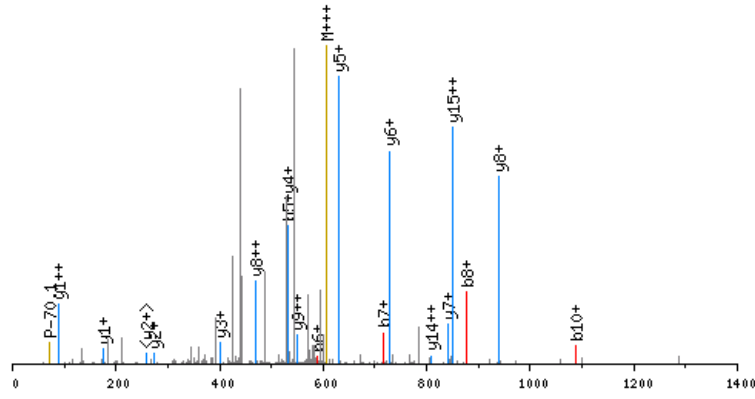
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 15		
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

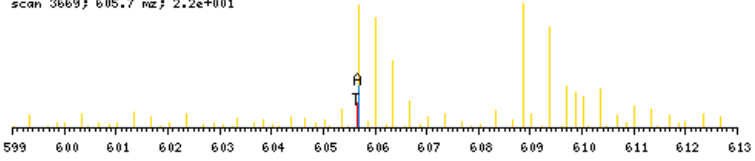
SSGKDGQCPLVVEQVR, MH+ 1814.9434, m/z 605.6527
 L OSG40 P180811 230811-s1.03673.03673.3.dta

scan 3673; 2.9e+000



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

scan 3669; 605.7 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	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

SSGPGASPETQGKANVTR, MH+ 1799.9252, m/z 600.6466
 L OSG39 P180811 230811-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+

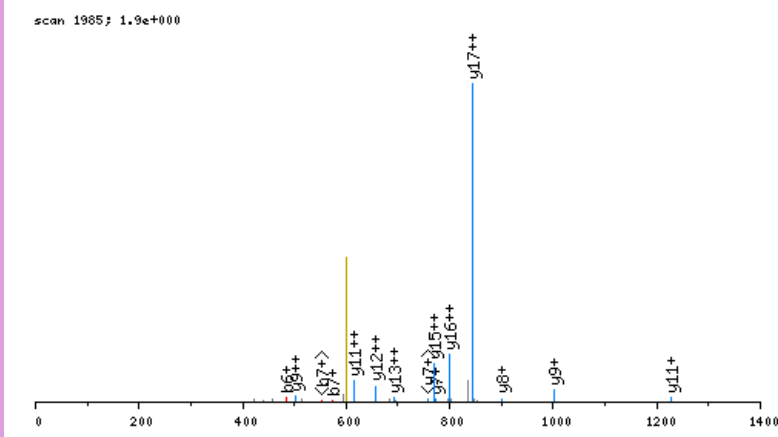
y + 2+ 3+

z + 2+ 3+

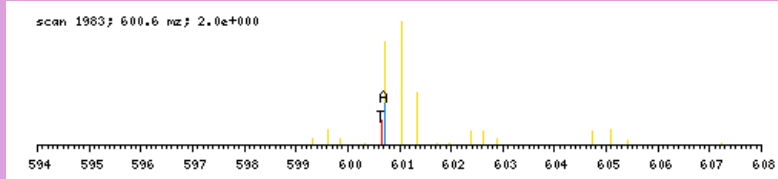
hide H₂O/NH₃

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⁺
116.0711	1	S	18		
203.1032	2	S	17	1684.8619	842.9348
260.1246	3	G	16	1597.8298	799.4188
357.1774	4	P	15	1540.8084	770.9081
414.1988	5	G	14	1443.7556	722.3817
485.2360	6	A	13	1386.7342	693.8710
572.2680	7	S	12	1315.6970	658.3524
669.3208	8	P	11	1228.6650	614.8364
798.3633	9	E	10	1131.6122	566.3100
899.4110	10	T	9	1002.5697	501.7887
1027.4696	11	Q	8	901.5220	451.2649
1084.4911	12	G	7	773.4634	387.2356
1240.6174	13	K	6	716.4419	358.7249
1311.6545	14	A	5	560.3156	280.6617
1425.6974	15	N	4	489.2785	245.1432
1524.7658	16	V	3	375.2356	188.1217
1625.8135	17	T	2	276.1672	138.5875
	18	R	1	175.1195	88.0637

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

SSGPTNASAFTEr, MH+ 1358.6764, m/z 679.8418
 H OSG37 P180811 230811-s1.02840.02840.2.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+

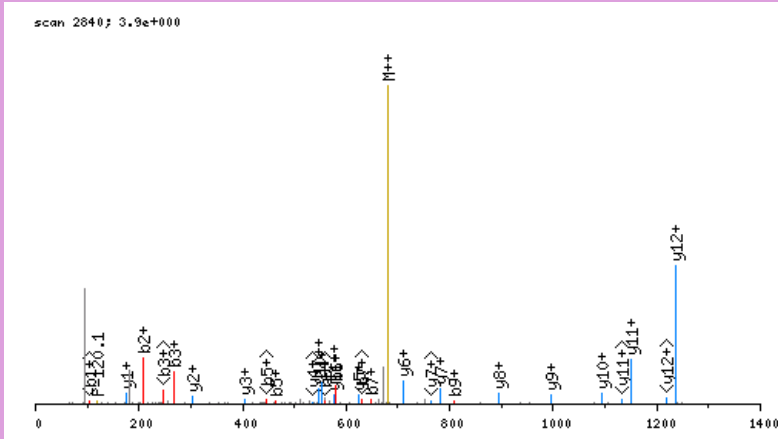
y + 2+ 3+

z + 2+ 3+

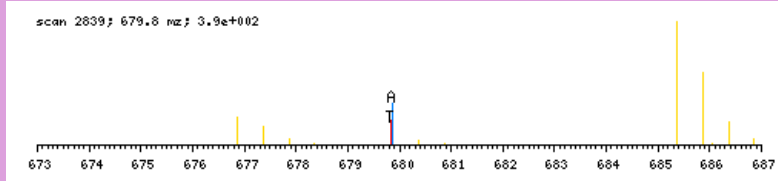
hide H₂O/NH₃

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		
209.1350	2	S 12	1237.5813	619.2946
266.1564	3	G 11	1150.5493	575.7786
363.2092	4	P 10	1093.5278	547.2678
464.2569	5	T 9	996.4750	498.7414
578.2998	6	N 8	895.4274	448.2176
649.3369	7	A 7	781.3844	391.1961
736.3689	8	S 6	710.3473	355.6776
807.4060	9	A 5	623.3153	312.1616
954.4745	10	F 4	552.2782	276.6430
1055.5221	11	T 3	405.2098	203.1088
1184.5647	12	E 2	304.1621	152.5850
	13	R 1	175.1195	88.0637

N-term:+35.07

SSKLIMELTGGGR, MH+ 1416.8521, m/z 472.9555
 H OSG40 P180811 230811-s1.06230.06230.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

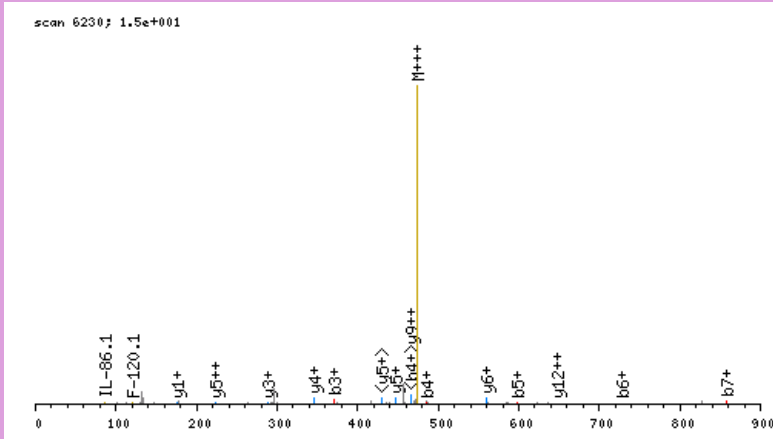
y + 2+ 3+

z + 2+ 3+

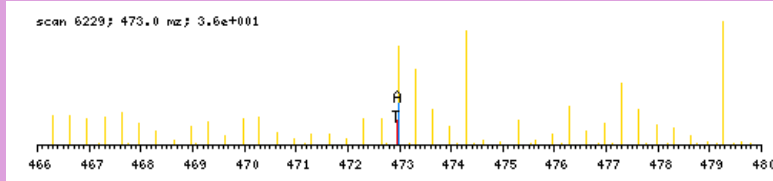
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
209.1350	2	S 12	1295.7570	648.3824
371.2931	3	K 11	1208.7249	604.8664
484.3771	4	L 10	1046.5668	523.7873
597.4612	5	I 9	933.4828	467.2453
728.5017	6	M 8	820.3987	410.7033
857.5443	7	E 7	689.3582	345.1830
970.6283	8	L 6	560.3156	280.6617
1071.6760	9	T 5	447.2316	224.1197
1128.6975	10	G 4	346.1839	173.5959
1185.7189	11	G 3	289.1624	145.0851
1242.7404	12	G 2	232.1410	116.5744
	13	R 1	175.1195	88.0637

N-term:+35.07 K(3):+162.16

SSLSDISSLLQIEPR, MH+ 1678.9439, m/z 560.3195
 H OSG37 P180811 230811-s1.08705.08705.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

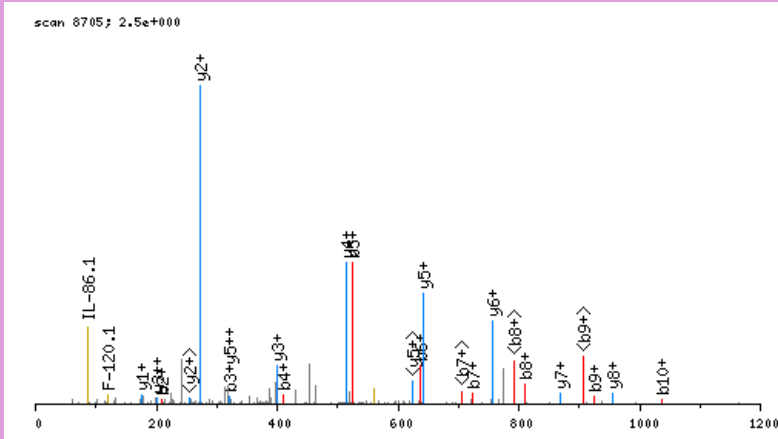
y + 2+ 3+

z + 2+ 3+

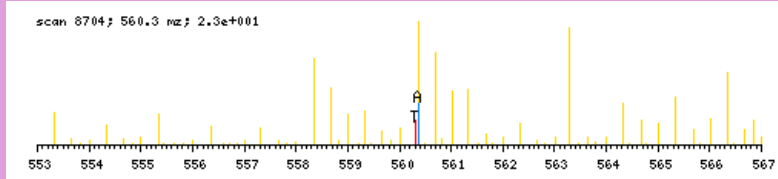
hide H₂O/NH₃

zoom 112-122

GO



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

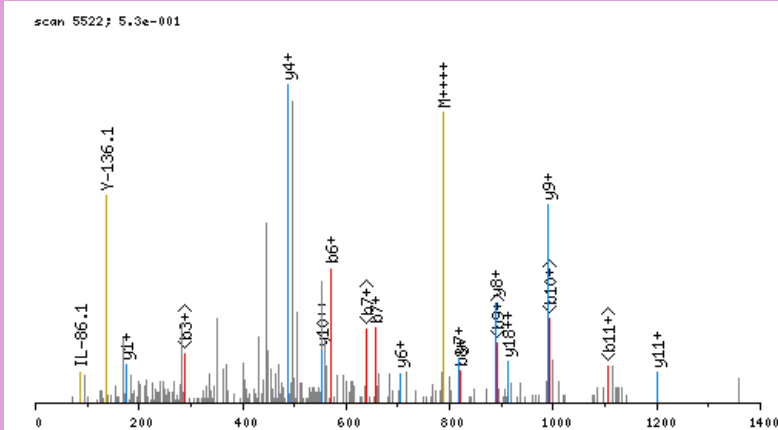


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

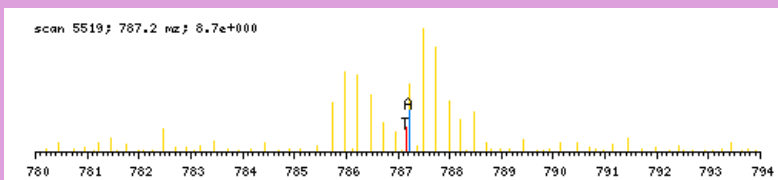
b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 15		
209.1350	2	S 14	1557.8488	779.4283
322.2190	3	L 13	1470.8168	735.9123
409.2510	4	S 12	1357.7327	679.3703
524.2780	5	D 11	1270.7007	635.8543
637.3621	6	I 10	1155.6737	578.3408
724.3941	7	S 9	1042.5897	521.7988
811.4261	8	S 8	955.5577	478.2827
924.5102	9	L 7	868.5256	434.7667
1037.5942	10	L 6	755.4416	378.2247
1165.6528	11	Q 5	642.3575	321.6827
1278.7369	12	I 4	514.2989	257.6534
1407.7795	13	E 3	401.2149	201.1113
1504.8322	14	P 2	272.1723	136.5900
	15	R 1	175.1195	88.0637

N-term:+35.07

SSPPASYSYTLQAPALSVTGPITANSEQIAR, MH+ 3145.6593, m/z 787.1703
 H OSG36 P180811 230811-s1.05522.05522.4.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	31		
209.1350	2	S	30	3024.5642	1512.7860
306.1877	3	P	29	2937.5322	1469.2700
403.2405	4	P	28	2840.4794	1420.7436
500.2932	5	P	27	2743.4266	1372.2172
571.3304	6	A	26	2646.3739	1323.6909
658.3624	7	S	25	2575.3368	1288.1723
821.4257	8	Y	24	2488.3047	1244.6563
908.4577	9	S	23	2325.2414	1163.1246
1009.5054	10	T	22	2238.2094	1119.6086
1122.5895	11	L	21	2137.1617	1069.0848
1250.6481	12	Q	20	2024.0776	1012.5427
1321.6852	13	A	19	1896.0191	948.5134
1418.7379	14	P	18	1824.9820	912.9949
1489.7751	15	A	17	1727.9292	864.4685
1602.8591	16	L	16	1656.8921	828.9499
1689.8912	17	S	15	1543.8080	772.4079
1788.9596	18	V	14	1456.7760	728.8919
1890.0072	19	T	13	1357.7076	679.3577
1947.0287	20	G	12	1256.6599	628.8339
2044.0815	21	P	11	1199.6384	600.3231
2157.1655	22	I	10	1102.5857	551.7967
2258.2132	23	T	9	989.5016	495.2547
2329.2503	24	A	8	888.4539	444.7309
2443.2933	25	N	7	817.4168	409.2123
2530.3253	26	S	6	703.3739	352.1909
2659.3679	27	E	5	616.3418	308.6748
2787.4265	28	Q	4	487.2993	244.1535
2900.5105	29	I	3	359.2407	180.1243
2971.5476	30	A	2	246.1566	123.5822
	31	R	1	175.1195	88.0637

N-term:+35.07

SSQQTIPPSAKYGGRR, MH+ 1644.9346, m/z 548.9830
 H OSG40 P180811 230811-s1.02240.02240.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

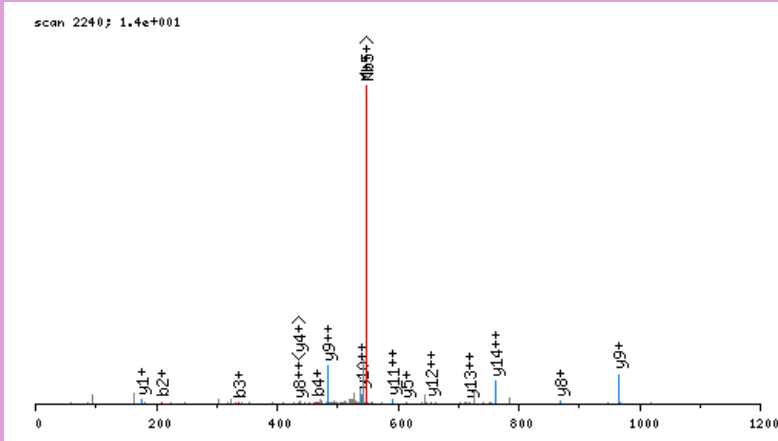
y + 2+ 3+

z + 2+ 3+

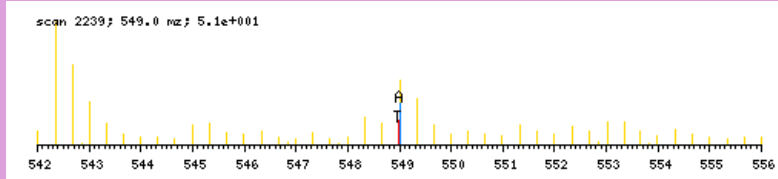
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1523.8395	762.4236
337.1935	3	Q 13	1436.8074	718.9076
465.2521	4	Q 12	1308.7488	654.8783
566.2998	5	T 11	1180.6903	590.8490
679.3839	6	I 10	1079.6426	540.3252
776.4366	7	P 9	966.5585	483.7832
873.4894	8	P 8	869.5058	435.2568
960.5214	9	S 7	772.4530	386.7304
1031.5585	10	A 6	685.4210	343.2144
1193.7166	11	K 5	614.3839	307.6958
1356.7800	12	Y 4	452.2258	226.6168
1413.8014	13	G 3	289.1624	145.0851
1470.8229	14	G 2	232.1410	116.5744
	15	R 1	175.1195	88.0637

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

SSSGVQVQASAGGLAASR, MH+ 1820.8738, m/z 607.6295
 L OSG37 P180811 230811-s1.03131.03131.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

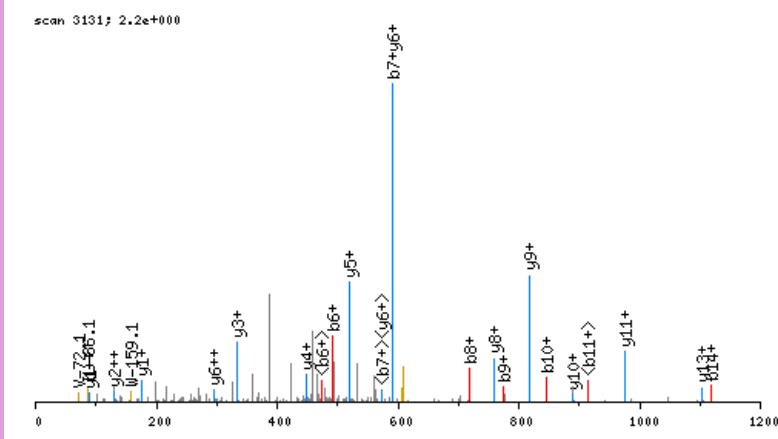
y + 2+ 3+

z + 2+ 3+

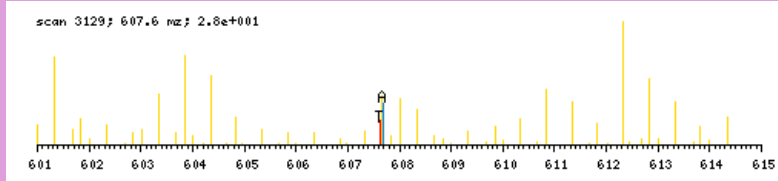
hide H₂O/NH₃

zoom 112-122

GO



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



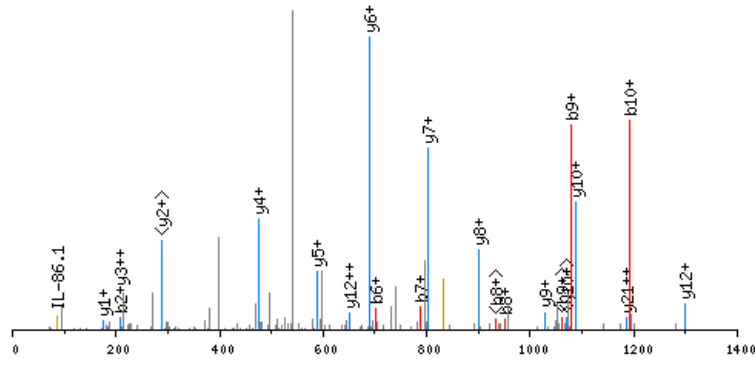
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 21		
203.1032	2	S 20	1705.8105	853.4092
290.1352	3	S 19	1618.7785	809.8932
347.1566	4	G 18	1531.7465	766.3771
434.1887	5	S 17	1474.7250	737.8664
491.2101	6	G 16	1387.6930	694.3504
590.2786	7	V 15	1330.6715	665.8397
718.3371	8	Q 14	1231.6031	616.3055
775.3586	9	G 13	1103.5445	552.2762
846.3957	10	A 12	1046.5231	523.7654
933.4277	11	S 11	975.4859	488.2469
1004.4649	12	A 10	888.4539	444.7309
1061.4863	13	G 9	817.4168	409.2123
1118.5078	14	G 8	760.3953	380.7016
1231.5918	15	L 7	703.3739	352.1909
1302.6290	16	A 6	590.2898	295.6488
1373.6661	17	A 5	519.2527	260.1303
1488.6930	18	D 4	448.2156	224.6117
1559.7301	19	A 3	333.1886	167.0982
1646.7622	20	S 2	262.1515	131.5797
	21	R 1	175.1195	88.0637

N-term:+29.04

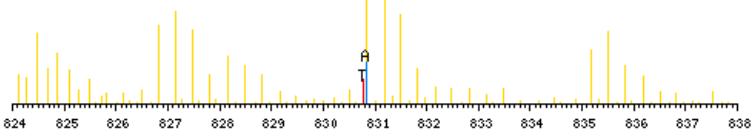
SSSLEKSYELPDGQVITIGNER, MH+ 2490.3364, m/z 830.7836
 H OSG39 P180811 230811-s1.06538.06538.3.dta

scan 6538; 1.3e+000



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

scan 6536; 830.8 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⁺
122.1029	1	S 22		
209.1350	2	S 21	2369.2413	1185.1246
296.1670	3	S 20	2282.2093	1141.6085
409.2510	4	L 19	2195.1772	1098.0925
538.2936	5	E 18	2082.0932	1041.5505
700.4517	6	K 17	1953.0506	977.0292
787.4838	7	S 16	1790.8925	895.9501
950.5471	8	Y 15	1703.8604	852.4341
1079.5897	9	E 14	1540.7971	770.9025
1192.6738	10	L 13	1411.7545	706.3812
1289.7265	11	P 12	1298.6705	649.8391
1404.7535	12	D 11	1201.6177	601.3128
1461.7749	13	G 10	1086.5907	543.7993
1589.8335	14	Q 9	1029.5693	515.2886
1688.9019	15	V 8	901.5107	451.2593
1801.9860	16	I 7	802.4423	401.7251
1903.0337	17	T 6	689.3582	345.1830
2016.1177	18	I 5	588.3105	294.6592
2073.1392	19	G 4	475.2265	238.1172
2187.1821	20	N 3	418.2050	209.6064
2316.2247	21	E 2	304.1621	152.5850
	22	R 1	175.1195	88.0637

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

SSSSLEKSYELPDGQVITIGNER, MH+ 2565.3048, m/z 855.7731
 L OSG39 P180811 230811-s1.06499.06499.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

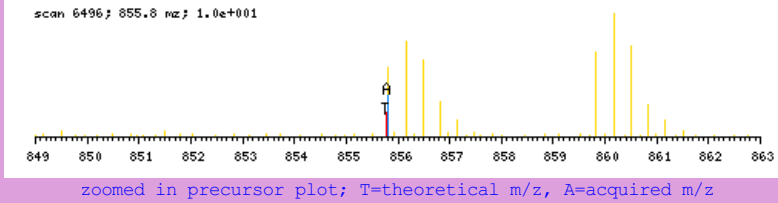
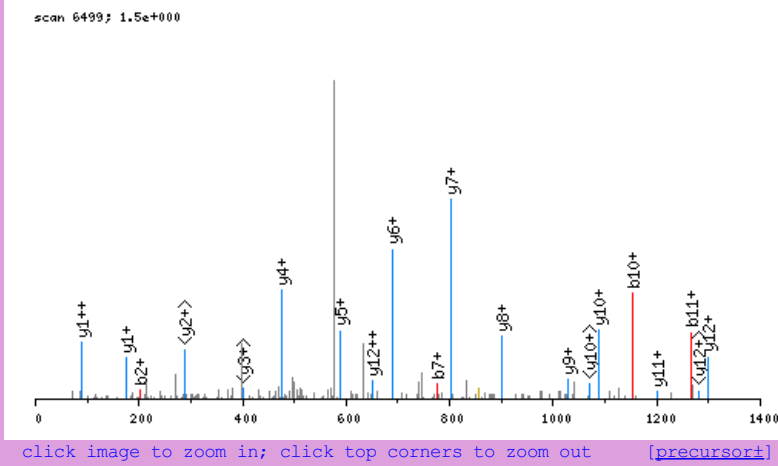
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO



b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 23		
203.1032	2	S 22	2450.2415	1225.6247
290.1352	3	S 21	2363.2095	1182.1087
377.1672	4	S 20	2276.1775	1138.5926
490.2513	5	L 19	2189.1454	1095.0766
619.2939	6	E 18	2076.0614	1038.5346
775.4202	7	K 17	1947.0188	974.0133
862.4522	8	S 16	1790.8925	895.9501
1025.5155	9	Y 15	1703.8604	852.4341
1154.5581	10	E 14	1540.7971	770.9025
1267.6422	11	L 13	1411.7545	706.3812
1364.6949	12	P 12	1298.6705	649.8391
1479.7219	13	D 11	1201.6177	601.3128
1536.7434	14	G 10	1086.5907	543.7993
1664.8019	15	Q 9	1029.5693	515.2886
1763.8703	16	V 8	901.5107	451.2593
1876.9544	17	I 7	802.4423	401.7251
1978.0021	18	T 6	689.3582	345.1830
2091.0862	19	I 5	588.3105	294.6592
2148.1076	20	G 4	475.2265	238.1172
2262.1505	21	N 3	418.2050	209.6064
2391.1931	22	E 2	304.1621	152.5850
	23	R 1	175.1195	88.0637

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

SSTESTASGMQDEVR, MH+ 1618.7442, m/z 540.2529
 H OSG37 P180811 230811-s1.02592.02592.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

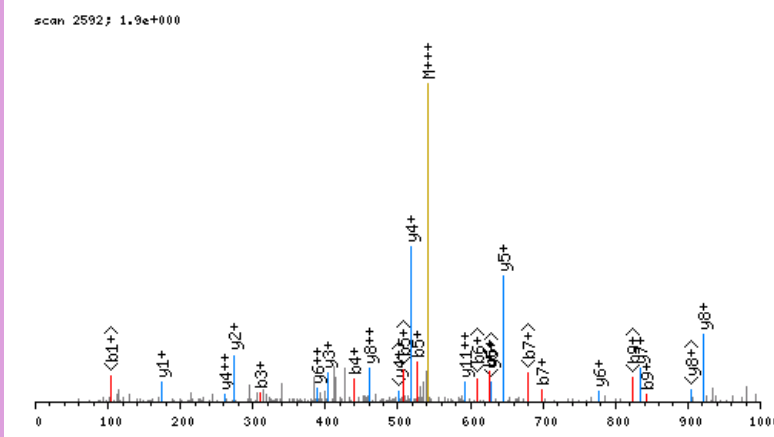
y + 2+ 3+

z + 2+ 3+

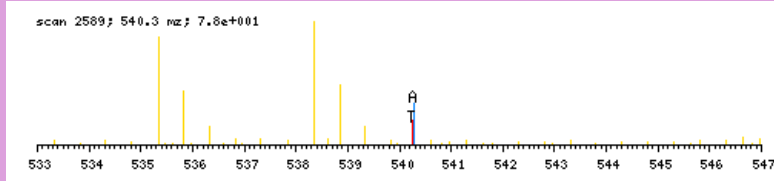
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1497.6491	749.3285
310.1826	3	T 13	1410.6171	705.8125
439.2252	4	E 12	1309.5694	655.2886
526.2573	5	S 11	1180.5268	590.7673
627.3049	6	T 10	1093.4948	547.2513
698.3420	7	A 9	992.4471	496.7275
785.3741	8	S 8	921.4100	461.2089
842.3955	9	G 7	834.3780	417.6929
973.4360	10	M 6	777.3565	389.1822
1101.4946	11	Q 5	646.3160	323.6619
1216.5215	12	D 4	518.2575	259.6326
1345.5641	13	E 3	403.2305	202.1192
1444.6326	14	V 2	274.1879	137.5979
	15	R 1	175.1195	88.0637

N-term:+35.07

SSTNLKDVLSNLIPEQAR, MH+ 2215.3511, m/z 554.5932
 H OSG40 P180811 230811-s1.08826.08826.4.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+

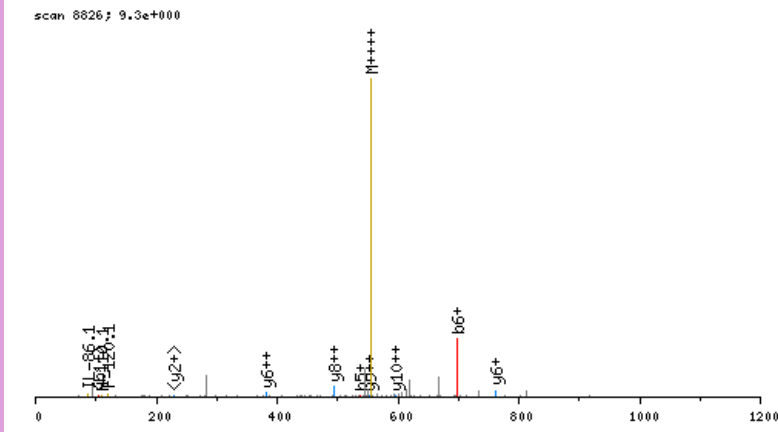
y + 2+ 3+

z + 2+ 3+

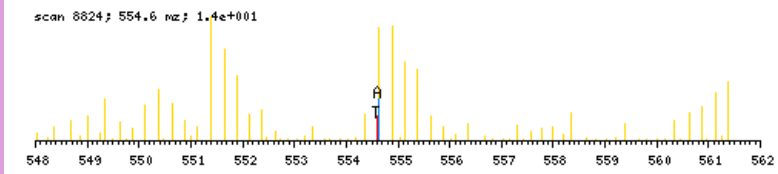
hide H₂O/NH₃

zoom 112-122

GO



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



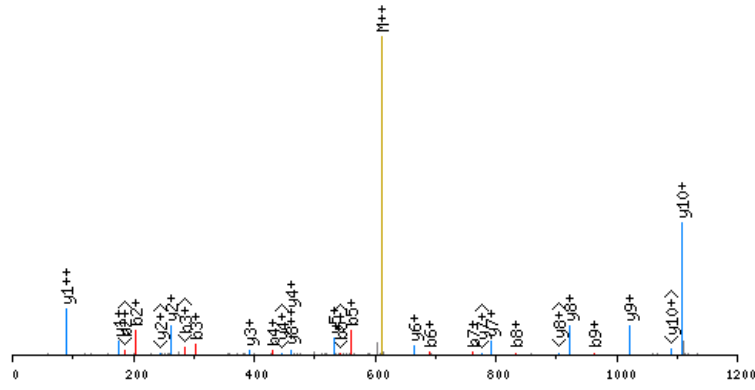
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
122.1029	1	S	19		
209.1350	2	S	18	2094.2560	1047.6319
310.1826	3	T	17	2007.2239	1004.1159
424.2256	4	N	16	1906.1762	953.5920
537.3096	5	L	15	1792.1333	896.5706
699.4677	6	K	14	1679.0493	840.0285
814.4947	7	D	13	1516.8912	758.9495
913.5631	8	V	12	1401.8642	701.4360
1026.6471	9	L	11	1302.7958	651.9018
1113.6792	10	S	10	1189.7117	595.3598
1227.7221	11	N	9	1102.6797	551.8438
1340.8062	12	L	8	988.6368	494.8223
1453.8902	13	I	7	875.5527	438.2803
1550.9430	14	P	6	762.4686	381.7382
1713.1011	15	K	5	665.4159	333.2119
1842.1437	16	E	4	503.2578	252.1328
1970.2023	17	Q	3	374.2152	187.6115
2041.2394	18	A	2	246.1566	123.5822
	19	R	1	175.1195	88.0637

N-term:+35.07 K(6):+162.16
 K(15):+162.16

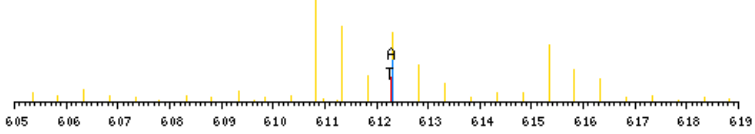
SSVEEMAAESR, MH+ 1223.5578, m/z 612.2825
 L OSG38 P180811 230811-s1.03036.03036.2.dta

scan 3036; 4.9e+000



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

scan 3034; 612.3 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⁺
116.0711	1	S 11		
203.1032	2	S 10	1108.4945	554.7511
302.1716	3	V 9	1021.4624	511.2351
431.2142	4	E 8	922.3940	461.7009
560.2568	5	E 7	793.3514	397.1796
691.2972	6	M 6	664.3088	332.6583
762.3344	7	A 5	533.2683	267.1381
833.3715	8	A 4	462.2312	231.6195
962.4141	9	E 3	391.1941	196.1010
1049.4461	10	S 2	262.1515	131.5797
	11	R 1	175.1195	88.0637

N-term:+29.04

SSVETQPAAEEVR, MH+ 1365.7074, m/z 683.3573
 H OSG37 P180811 230811-s1.02355.02355.2.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+

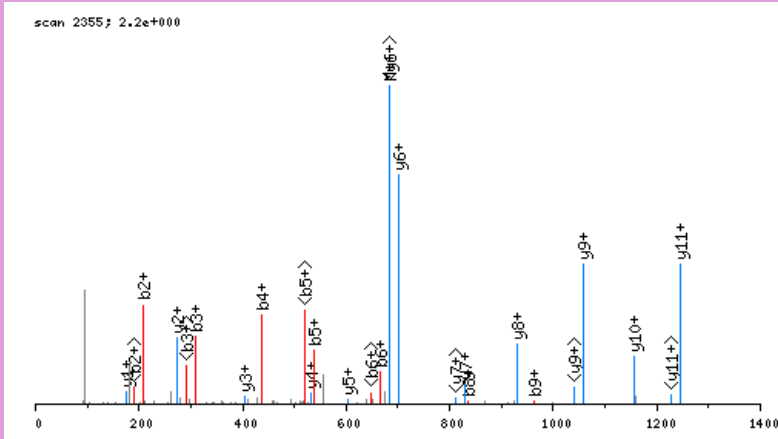
y + 2+ 3+

z + 2+ 3+

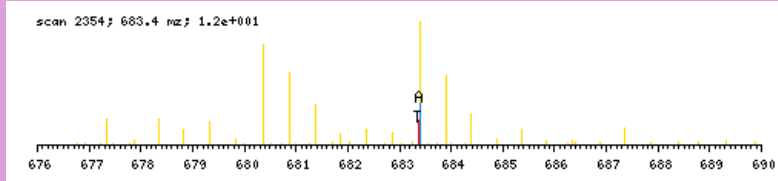
hide H₂O/NH₃

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		
209.1350	2	S 11	1244.6123	622.8100
308.2034	3	V 10	1157.5802	579.2940
437.2460	4	E 9	1058.5118	529.7598
538.2936	5	T 8	929.4692	465.2385
666.3522	6	Q 7	828.4216	414.7147
763.4050	7	P 6	700.3630	350.6854
834.4421	8	A 5	603.3102	302.1590
963.4847	9	E 4	532.2731	266.6405
1092.5273	10	E 3	403.2305	202.1192
1191.5957	11	V 2	274.1879	137.5979
	12	R 1	175.1195	88.0637

N-term:+35.07

SSWQEVTEFPVIVQR, MH+ 1838.9864, m/z 613.6670
 H OSG37 P180811 230811-s1.08368.08368.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

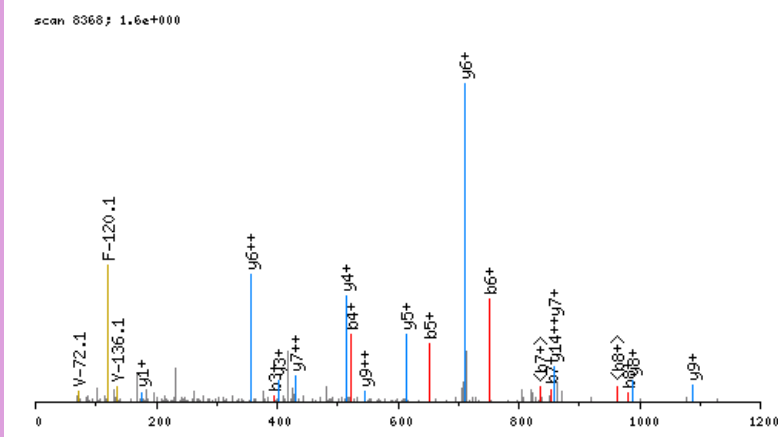
y + 2+ 3+

z + 2+ 3+

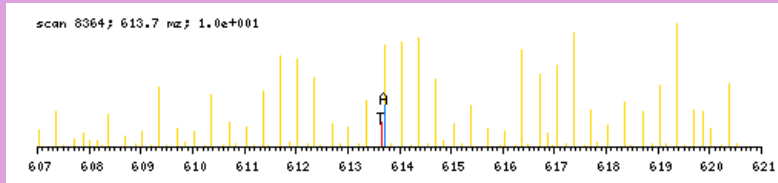
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1717.8913	859.4496
395.2143	3	W	13	1630.8593	815.9336
523.2728	4	Q	12	1444.7800	722.8939
652.3154	5	E	11	1316.7214	658.8646
751.3839	6	V	10	1187.6788	594.3433
852.4315	7	T	9	1088.6104	544.8091
981.4741	8	E	8	987.5627	494.2853
1128.5425	9	F	7	858.5201	429.7640
1225.5953	10	P	6	711.4517	356.2298
1324.6637	11	V	5	614.3990	307.7034
1437.7478	12	I	4	515.3306	258.1692
1536.8162	13	V	3	402.2465	201.6272
1664.8748	14	Q	2	303.1781	152.0930
	15	R	1	175.1195	88.0637

N-term:+35.07

SSYGGYKEPAPVSIQR, MH+ 1878.0397, m/z 626.6848
 H OSG39 P180811 230811-s1.03485.03485.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

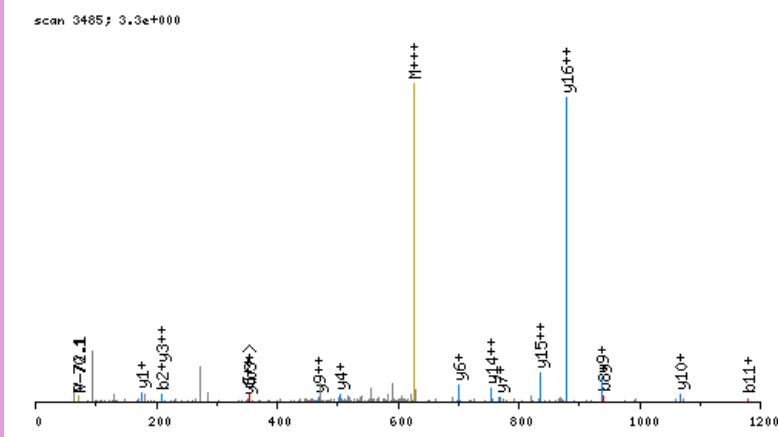
y + 2+ 3+

z + 2+ 3+

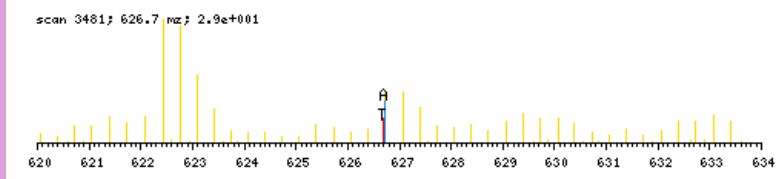
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1756.9446	878.9762
372.1983	3	Y	15	1669.9126	835.4602
429.2197	4	G	14	1506.8493	753.9286
486.2412	5	G	13	1449.8278	725.4178
649.3045	6	Y	12	1392.8064	696.9071
811.4626	7	K	11	1229.7430	615.3754
940.5052	8	E	10	1067.5849	534.2964
1037.5580	9	P	9	938.5423	469.7751
1108.5951	10	A	8	841.4896	421.2487
1179.6322	11	A	7	770.4525	385.7301
1276.6850	12	P	6	699.4153	350.2116
1375.7534	13	V	5	602.3626	301.6852
1462.7854	14	S	4	503.2942	252.1510
1575.8695	15	I	3	416.2621	208.6350
1703.9281	16	Q	2	303.1781	152.0930
	17	R	1	175.1195	88.0637

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

STESTASGMQDEV, MH+ 1531.7122, m/z 511.2423
 H OSG37 P180811 230811-s1.02565.02565.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

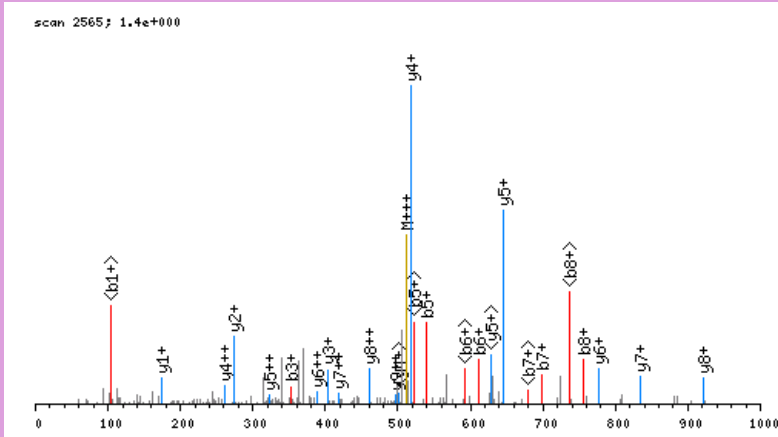
y + 2+ 3+

z + 2+ 3+

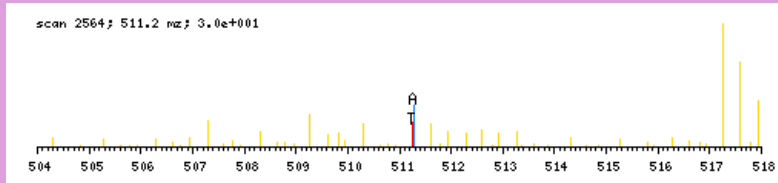
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	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

STGIYEALRLR, MH+ 1285.7216, m/z 643.3644
 H OSG37 P180811 230811-s1.06767.06767.2.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+

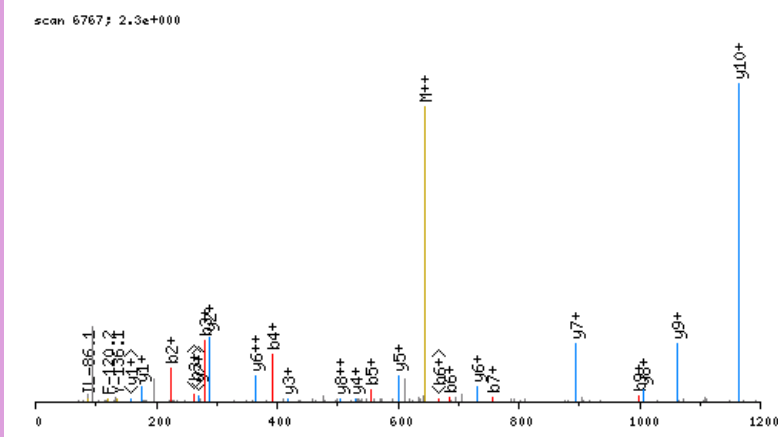
y + 2+ 3+

z + 2+ 3+

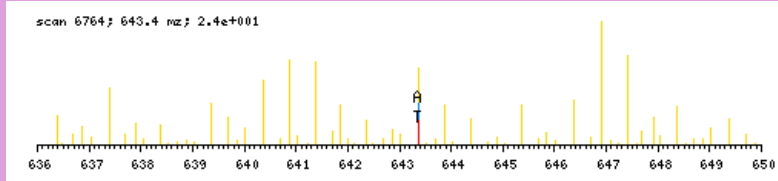
hide H₂O/NH₃

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 11		
223.1506	2	T 10	1164.6265	582.8171
280.1721	3	G 9	1063.5788	532.2933
393.2561	4	I 8	1006.5573	503.7826
556.3195	5	Y 7	893.4733	447.2405
685.3621	6	E 6	730.4099	365.7089
756.3992	7	A 5	601.3673	301.1876
869.4832	8	L 4	530.3302	265.6690
998.5258	9	E 3	417.2462	209.1270
1111.6099	10	L 2	288.2036	144.6057
	11	R 1	175.1195	88.0637

N-term:+35.07

STGTFVVSQPLNYR, MH+ 1602.8704, m/z 534.9616
 H OSG37 P180811 230811-s1.05852.05852.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

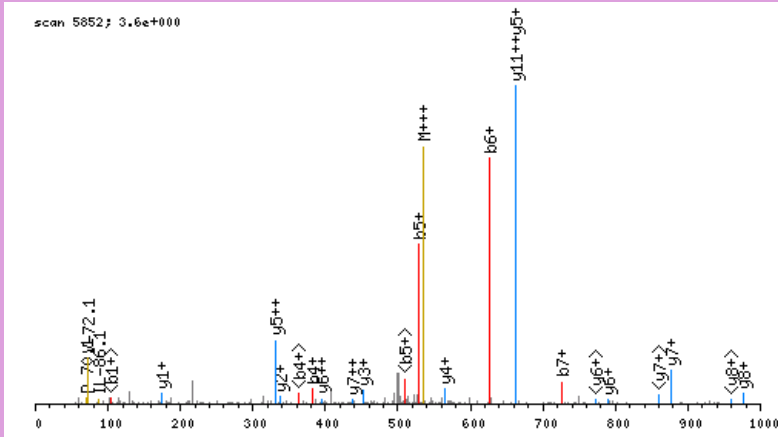
y + 2+ 3+

z + 2+ 3+

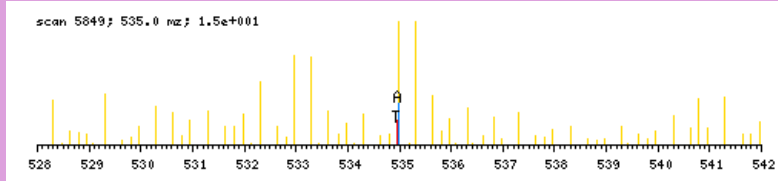
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1481.7753	741.3915
280.1721	3	G 12	1380.7276	690.8677
381.2197	4	T 11	1323.7061	662.3570
528.2882	5	F 10	1222.6584	611.8331
627.3566	6	V 9	1075.5900	538.2989
726.4250	7	V 8	976.5216	488.7647
813.4570	8	S 7	877.4532	439.2305
941.5156	9	Q 6	790.4212	395.7145
1038.5684	10	P 5	662.3626	331.6852
1151.6524	11	L 4	565.3098	283.1588
1265.6954	12	N 3	452.2258	226.6168
1428.7587	13	Y 2	338.1828	169.5953
	14	R 1	175.1195	88.0637

N-term:+35.07

STLSKPAALTGTLEVR, MH+ 1712.0594, m/z 571.3580
 H OSG39 P180811 230811-s1.04440.04440.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

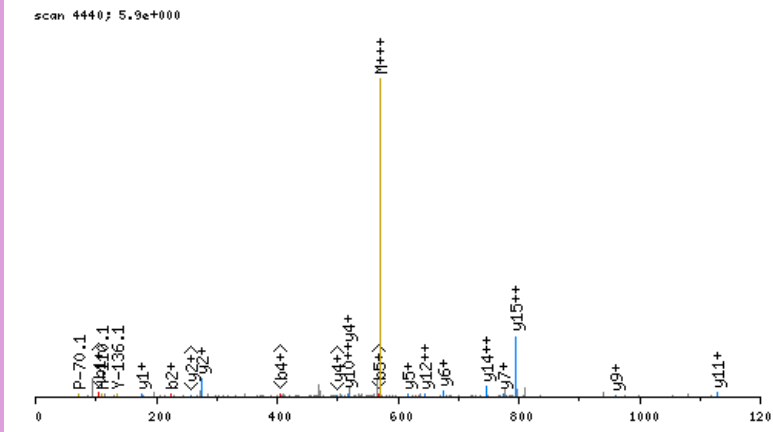
y + 2+ 3+

z + 2+ 3+

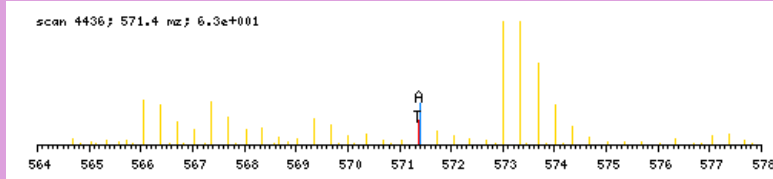
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
223.1506	2	T 15	1590.9643	795.9861
336.2347	3	L 14	1489.9166	745.4622
423.2667	4	S 13	1376.8326	688.9202
585.4248	5	K 12	1289.8005	645.4042
682.4776	6	P 11	1127.6424	564.3251
753.5147	7	A 10	1030.5897	515.7988
824.5518	8	A 9	959.5526	480.2802
937.6359	9	L 8	888.5155	444.7616
1038.6835	10	T 7	775.4314	388.2196
1095.7050	11	G 6	674.3837	337.6958
1196.7527	12	T 5	617.3623	309.1850
1309.8367	13	L 4	516.3146	258.6612
1438.8793	14	E 3	403.2305	202.1192
1537.9477	15	V 2	274.1879	137.5979
	16	R 1	175.1195	88.0637

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

STLSKPAPLTGTLEVR, MH+ 1738.0751, m/z 580.0299
 H OSG39 P180811 230811-s1.04313.04313.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

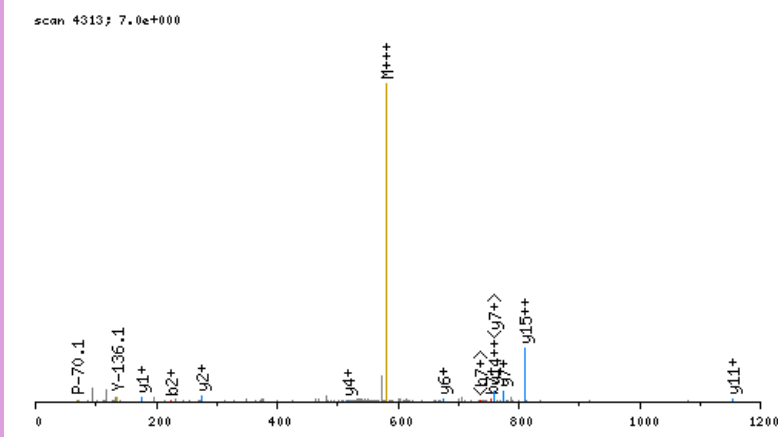
y + 2+ 3+

z + 2+ 3+

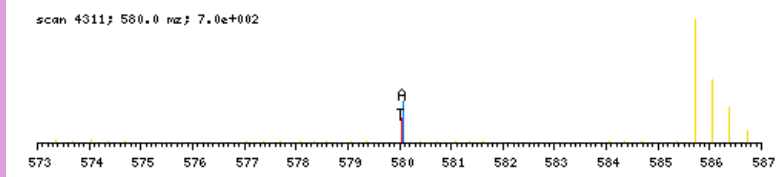
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
223.1506	2	T 15	1616.9800	808.9939
336.2347	3	L 14	1515.9323	758.4701
423.2667	4	S 13	1402.8482	701.9280
585.4248	5	K 12	1315.8162	658.4120
682.4776	6	P 11	1153.6581	577.3330
753.5147	7	A 10	1056.6053	528.8066
850.5674	8	P 9	985.5682	493.2880
963.6515	9	L 8	888.5155	444.7616
1064.6992	10	T 7	775.4314	388.2196
1121.7206	11	G 6	674.3837	337.6958
1222.7683	12	T 5	617.3623	309.1850
1335.8524	13	L 4	516.3146	258.6612
1464.8950	14	E 3	403.2305	202.1192
1563.9634	15	V 2	274.1879	137.5979
	16	R 1	175.1195	88.0637

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

STLTDSLVCAGIISAR, MH+ 1931.1271, m/z 644.3806
 H OSG39 P180811 230811-s1.06812.06812.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

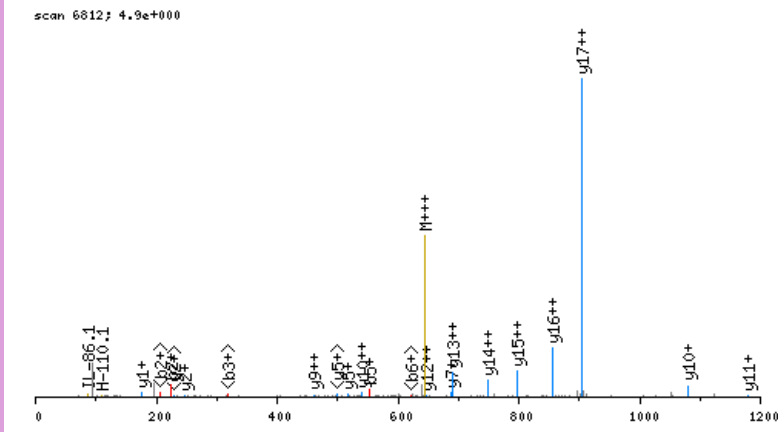
y + 2+ 3+

z + 2+ 3+

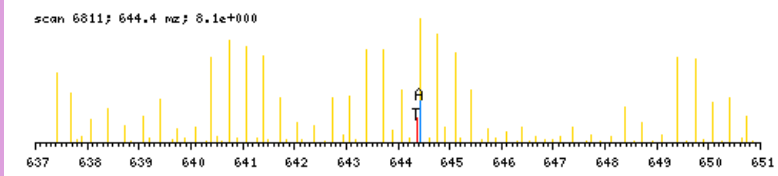
hide H₂O/NH₃

zoom 112-122

GO



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



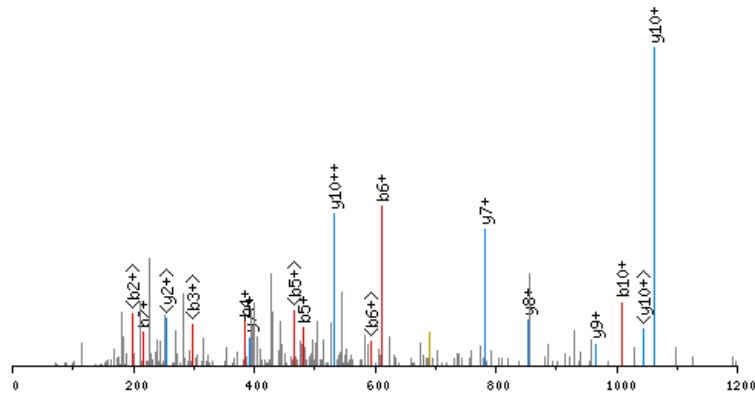
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 18		
223.1506	2	T 17	1810.0320	905.5199
336.2347	3	L 16	1708.9844	854.9961
437.2823	4	T 15	1595.9003	798.4541
552.3093	5	D 14	1494.8526	747.9302
639.3413	6	S 13	1379.8257	690.4167
752.4254	7	L 12	1292.7936	646.9007
851.4938	8	V 11	1179.7096	590.3587
1011.5244	9	C 10	1080.6412	540.8245
1173.6825	10	K 9	920.6106	460.8092
1244.7196	11	A 8	758.4525	379.7301
1301.7411	12	G 7	687.4153	344.2116
1414.8251	13	I 6	630.3939	315.7009
1527.9092	14	I 5	517.3098	259.1588
1598.9463	15	A 4	404.2258	202.6168
1685.9783	16	S 3	333.1886	167.0982
1757.0155	17	A 2	246.1566	123.5822
	18	R 1	175.1195	88.0637

N-term:+35.07 C(9):+160.03
 K(10):+162.16

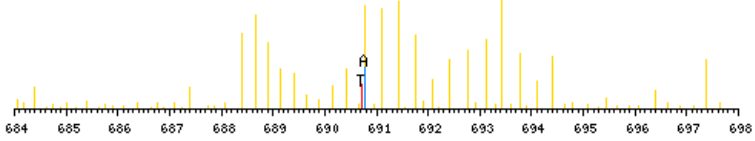
STPAPQPTAEPLAPTIVLVR, MH+ 2070.1599, m/z 690.7248
 L OSG36 P180811 230811-s1.04742.04742.3.dta

scan 4742; 8.4e-001



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

scan 4739; 690.7 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⁺
116.0711	1	S	20		
217.1188	2	T	19	1955.0966	978.0522
314.1716	3	P	18	1854.0489	927.5284
385.2087	4	A	17	1756.9961	879.0020
482.2614	5	P	16	1685.9590	843.4834
610.3200	6	Q	15	1588.9063	794.9570
707.3728	7	P	14	1460.8477	730.9278
808.4205	8	T	13	1363.7949	682.4014
879.4576	9	A	12	1262.7472	631.8775
1008.5002	10	E	11	1191.7101	596.3590
1105.5529	11	P	10	1062.6675	531.8377
1218.6370	12	L	9	965.6148	483.3113
1289.6741	13	A	8	852.5307	426.7693
1386.7269	14	P	7	781.4936	391.2507
1487.7746	15	T	6	684.4408	342.7243
1586.8430	16	V	5	583.3932	292.2005
1699.9270	17	L	4	484.3247	242.6663
1798.9955	18	V	3	371.2407	186.1243
1896.0482	19	P	2	272.1723	136.5900
	20	R	1	175.1195	88.0637

N-term:+29.04

STPQSQFQESSPVWKLGR, MH+ 2130.1620, m/z 710.7255
 H OSG39 P180811 230811-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+

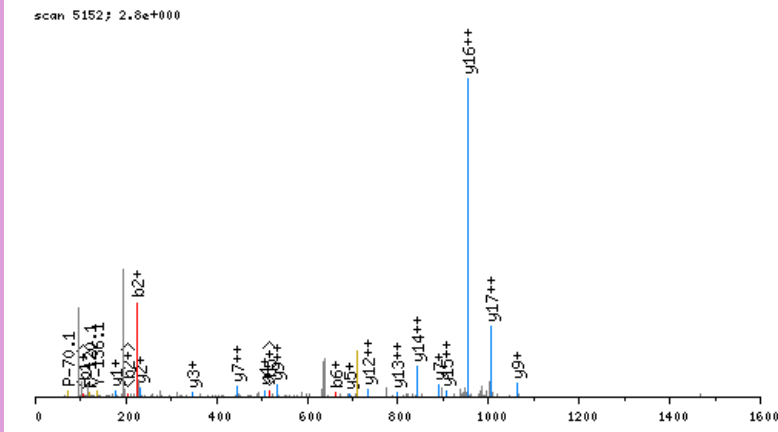
y + 2+ 3+

z + 2+ 3+

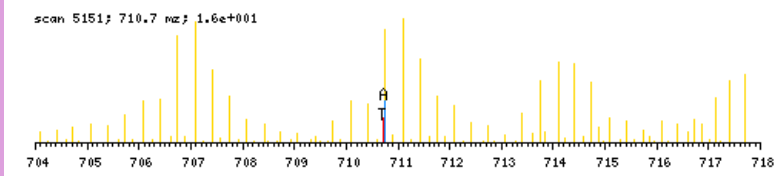
hide H₂O/NH₃

zoom 112-122

GO



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



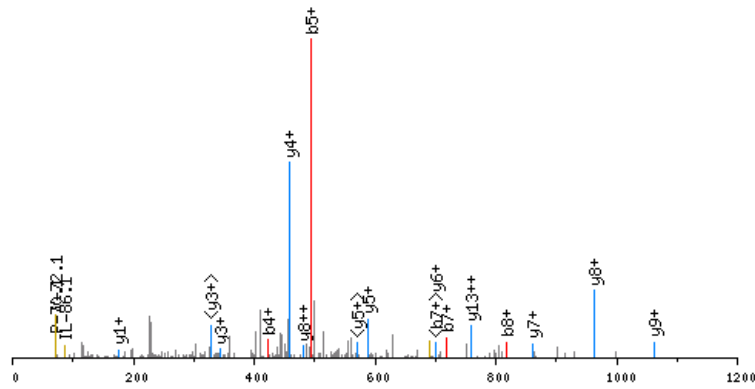
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
122.1029	1	S	18		
223.1506	2	T	17	2009.0669	1005.0374
320.2034	3	P	16	1908.0192	954.5135
448.2619	4	Q	15	1810.9664	905.9871
535.2940	5	S	14	1682.9079	841.9578
663.3526	6	Q	13	1595.8758	798.4418
810.4210	7	F	12	1467.8173	734.4125
938.4795	8	Q	11	1320.7488	660.8783
1067.5221	9	E	10	1192.6903	596.8490
1154.5542	10	S	9	1063.6477	532.3278
1241.5862	11	S	8	976.6156	488.8117
1338.6390	12	P	7	889.5836	445.2957
1437.7074	13	V	6	792.5309	396.7693
1623.7867	14	W	5	693.4624	347.2351
1785.9448	15	K	4	507.3831	254.1955
1899.0289	16	L	3	345.2250	173.1164
1956.0503	17	G	2	232.1410	116.5744
	18	R	1	175.1195	88.0637

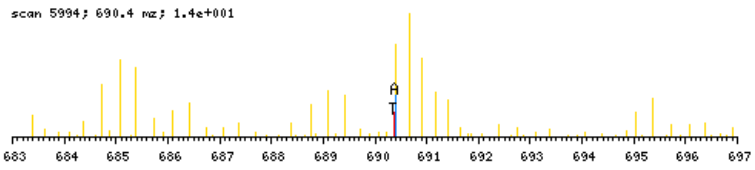
N-term:+35.07 K(15):+162.16

STQAAPQVVLNVPETQVTCLENGLR, MH+ 2758.4621, m/z 690.3710
 H OSG36 P180811 230811-s1.05997.05997.4.dta

scan 5997; 1.7e+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:

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	25		
223.1506	2	T	24	2637.3670	1319.1874
351.2092	3	Q	23	2536.3193	1268.6636
422.2463	4	A	22	2408.2607	1204.6343
493.2834	5	A	21	2337.2236	1169.1157
590.3362	6	P	20	2266.1865	1133.5972
718.3948	7	Q	19	2169.1337	1085.0708
817.4632	8	V	18	2041.0752	1021.0415
916.5316	9	V	17	1942.0067	971.5073
1029.6156	10	L	16	1842.9383	921.9731
1143.6586	11	N	15	1729.8543	865.4310
1242.7270	12	V	14	1615.8113	808.4096
1339.7798	13	P	13	1516.7429	758.8754
1468.8223	14	E	12	1419.6902	710.3490
1569.8700	15	T	11	1290.6476	645.8277
1697.9286	16	Q	10	1189.5999	595.3039
1796.9970	17	V	9	1061.5413	531.2746
1898.0447	18	T	8	962.4729	481.7404
2058.0753	19	C	7	861.4252	431.2165
2171.1594	20	L	6	701.3946	351.2012
2300.2019	21	E	5	588.3105	294.6592
2414.2449	22	N	4	459.2680	230.1379
2471.2663	23	G	3	345.2250	173.1164
2584.3504	24	L	2	288.2036	144.6057
	25	R	1	175.1195	88.0637

N-term:+35.07 C(19) :+160.03

STSIGSAEKSASGEPTTGDR, MH+ 1993.9678, m/z 499.2474
 L OSG36 P180811 230811-s1.03805.03805.4.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+

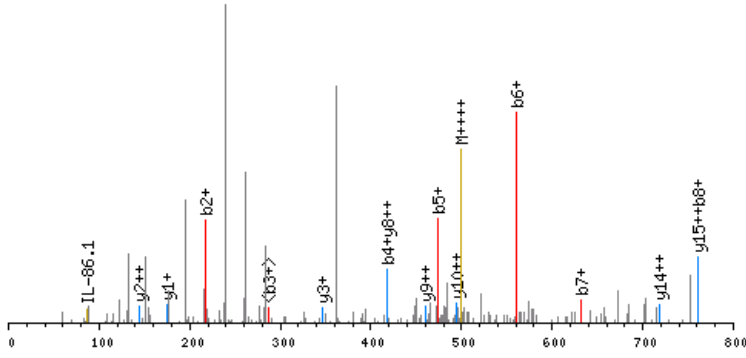
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

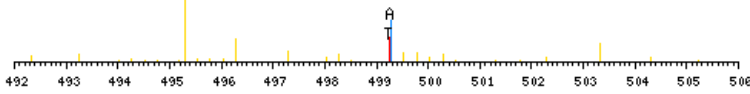
GO

scan 3805; 1.1e+000



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

scan 3804; 499.2 m/z; 4.5e+001



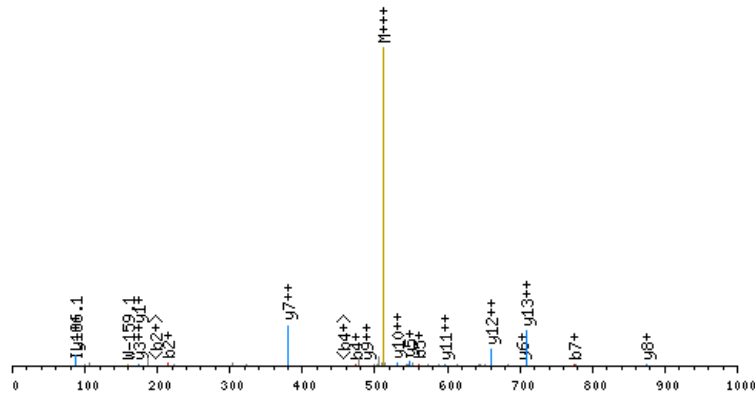
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 20		
217.1188	2	T 19	1878.9045	939.9562
304.1508	3	S 18	1777.8568	889.4323
417.2349	4	I 17	1690.8248	845.9163
474.2564	5	G 16	1577.7408	789.3743
561.2884	6	S 15	1520.7193	760.8636
632.3255	7	A 14	1433.6873	717.3475
761.3681	8	E 13	1362.6501	681.8290
917.4944	9	K 12	1233.6076	617.3077
1004.5264	10	S 11	1077.4813	539.2445
1075.5635	11	A 10	990.4492	495.7285
1162.5956	12	S 9	919.4121	460.2100
1219.6170	13	G 8	832.3801	416.6940
1348.6596	14	E 7	775.3586	388.1832
1445.7124	15	P 6	646.3160	323.6619
1546.7601	16	T 5	549.2633	275.1355
1647.8077	17	T 4	448.2156	224.6117
1704.8292	18	G 3	347.1679	174.0879
1819.8562	19	D 2	290.1464	145.5771
	20	R 1	175.1195	88.0637

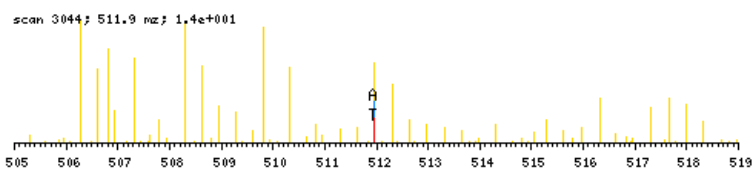
N-term:+29.04 K(9):+156.13

SVEESVDGKVVSSR, MH+ 1533.8124, m/z 511.9423
 L OSG40 P180811 230811-s1.03048.03048.3.dta

scan 3048; 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

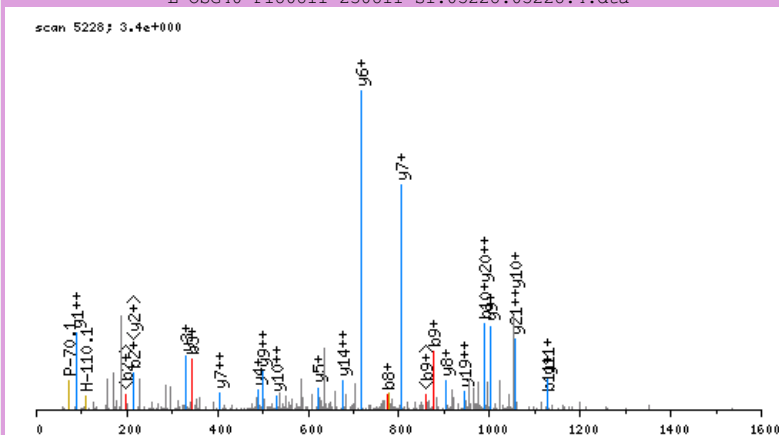
zoom 112-122

GO

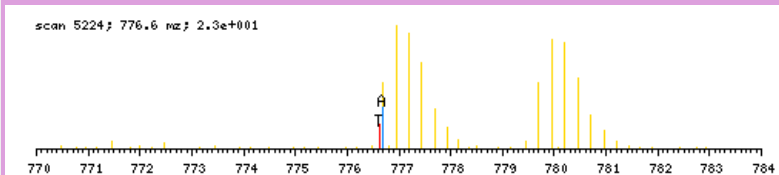
b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 14		
215.1395	2	V 13	1418.7491	709.8785
344.1821	3	E 12	1319.6807	660.3443
473.2247	4	E 11	1190.6381	595.8230
560.2568	5	S 10	1061.5955	531.3017
659.3252	6	V 9	974.5635	487.7857
774.3521	7	D 8	875.4951	438.2515
831.3736	8	G 7	760.4681	380.7380
987.4999	9	K 6	703.4467	352.2273
1086.5683	10	V 5	547.3204	274.1641
1185.6367	11	V 4	448.2520	224.6299
1272.6687	12	S 3	349.1836	175.0957
1359.7008	13	S 2	262.1515	131.5797
	14	R 1	175.1195	88.0637

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

SVESASGETLHSPKVGQPGAAGPVSPMCPGR, MH+ 3103.5304, m/z 776.6381
L OSG40 P180811 230811-sl.05228.05228.4.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⁺
116.0711	1	S 31		
215.1395	2	V 30	2988.4671	1494.7375
344.1821	3	E 29	2889.3987	1445.2033
431.2142	4	S 28	2760.3561	1380.6820
502.2513	5	A 27	2673.3241	1337.1660
589.2833	6	S 26	2602.2870	1301.6474
646.3048	7	G 25	2515.2550	1258.1314
775.3474	8	E 24	2458.2335	1229.6207
876.3950	9	T 23	2329.1909	1165.0994
989.4791	10	L 22	2228.1432	1114.5755
1126.5380	11	H 21	2115.0592	1058.0335
1213.5700	12	S 20	1978.0002	989.5040
1310.6228	13	P 19	1890.9682	945.9880
1466.7491	14	K 18	1793.9155	897.4616
1565.8175	15	V 17	1637.7892	819.3985
1622.8390	16	G 16	1538.7207	769.8643
1750.8976	17	Q 15	1481.6993	741.3536
1847.9503	18	P 14	1353.6407	677.3243
1904.9718	19	G 13	1256.5879	628.7979
1976.0089	20	A 12	1199.5665	600.2871
2047.0460	21	A 11	1128.5294	564.7686
2104.0675	22	G 10	1057.4922	529.2500
2201.1202	23	P 9	1000.4708	500.7393
2300.1887	24	V 8	903.4180	452.2129
2387.2207	25	S 7	804.3496	402.6787
2484.2735	26	P 6	717.3176	359.1627
2615.3139	27	M 5	620.2648	310.6363
2775.3445	28	C 4	489.2243	245.1161
2872.3973	29	P 3	329.1937	165.1008
2929.4188	30	G 2	232.1410	116.5744
	31	R 1	175.1195	88.0637

N-term: +29.04 K(14): +156.13
C(28): +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+

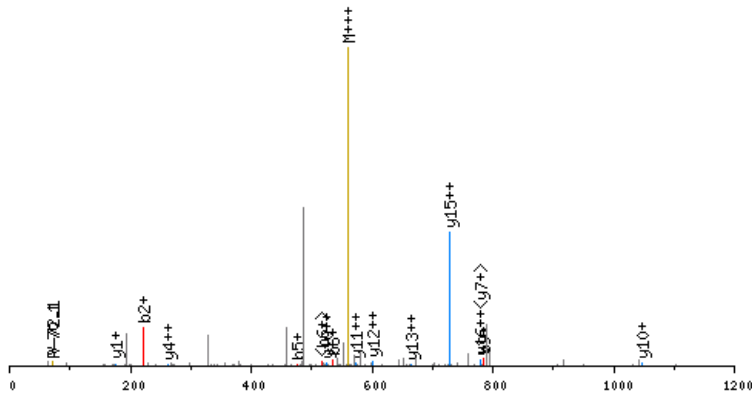
hide H₂O/NH₃

zoom 112-122

GO

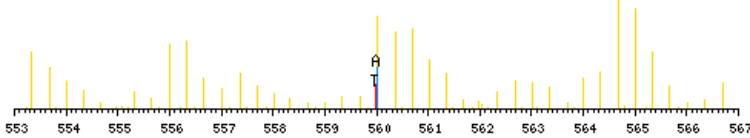
SVGAQPPGPSGEEGKR, MH+ 1677.9196, m/z 559.9781
 H OSG40 P180811 230811-s1.02043.02043.3.dta

scan 2043; 5.6e+000



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

scan 2039; 560.0 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⁺
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 OSG37 P180811 230811-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+

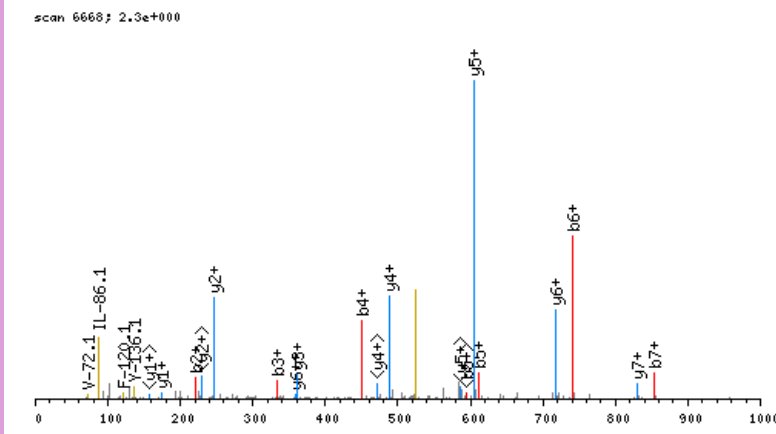
y + 2+ 3+

z + 2+ 3+

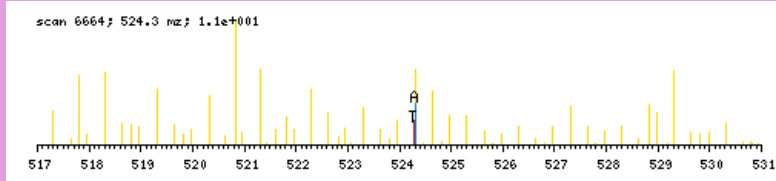
hide H₂O/NH₃

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⁺
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+ 1362.7381, m/z 454.9176
 L OSG37 P180811 230811-s1.06836.06836.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

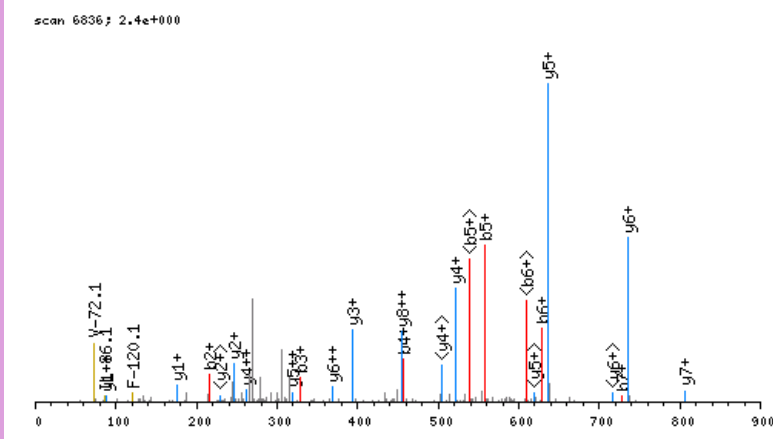
y + 2+ 3+

z + 2+ 3+

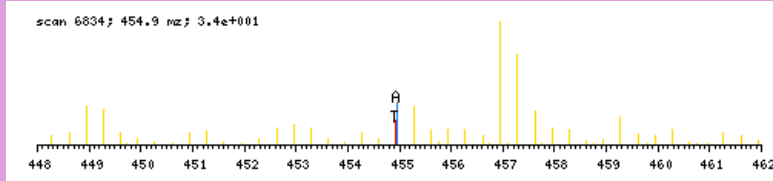
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1247.6748	624.3413
328.2236	3	I 10	1148.6064	574.8071
456.2822	4	Q 9	1035.5223	518.2651
557.3299	5	T 8	907.4638	454.2358
628.3670	6	A 7	806.4161	403.7120
727.4354	7	V 6	735.3790	368.1934
842.4623	8	D 5	636.3105	318.6592
970.5209	9	Q 4	521.2836	261.1457
1117.5893	10	F 3	393.2250	197.1164
1188.6264	11	A 2	246.1566	123.5822
	12	R 1	175.1195	88.0637

N-term:+29.04

SVLDTNKDCEVDFGEYVR, MH+ 2202.0388, m/z 734.6845
 L OSG39 P180811 230811-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+

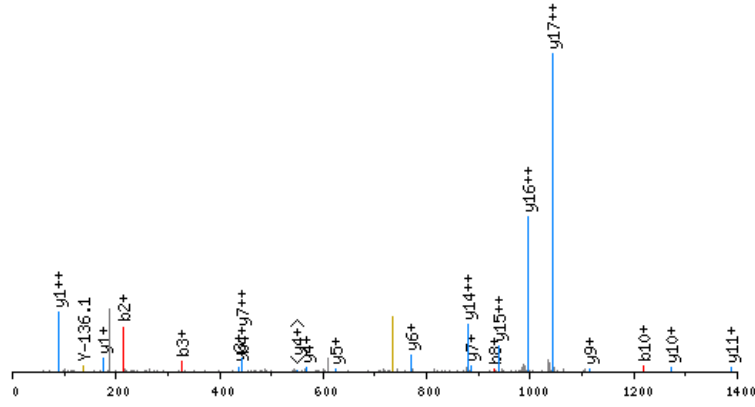
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

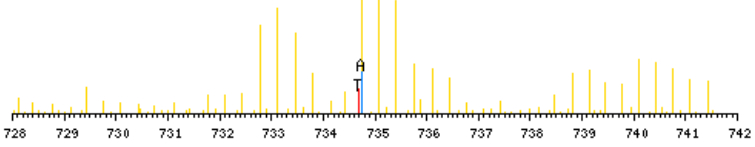
GO

scan 5643; 3.9e+000



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

scan 5641; 734.7 mz; 7.0e+000



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

b ⁺	#	AA #	y ⁺	y ²⁺
116.0711	1	S 18		
215.1395	2	V 17	2086.9755	1043.9917
328.2236	3	L 16	1987.9071	994.4575
443.2505	4	D 15	1874.8231	937.9154
544.2982	5	T 14	1759.7961	880.4020
658.3412	6	N 13	1658.7484	829.8781
814.4675	7	K 12	1544.7055	772.8567
929.4944	8	D 11	1388.5792	694.7935
1089.5250	9	C 10	1273.5523	637.2800
1218.5676	10	E 9	1113.5217	557.2647
1317.6360	11	V 8	984.4791	492.7434
1432.6629	12	D 7	885.4107	443.2092
1579.7314	13	F 6	770.3837	385.6958
1636.7528	14	G 5	623.3153	312.1616
1765.7954	15	E 4	566.2938	283.6508
1928.8587	16	Y 3	437.2512	219.1295
2027.9272	17	V 2	274.1879	137.5979
	18	R 1	175.1195	88.0637

N-term: +29.04 K(7): +156.13
 C(9): +160.03

SVMLQIAATELEKEESR, MH+ 1990.0531, m/z 664.0225
 L OSG39 P180811 230811-s1.07239.07239.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

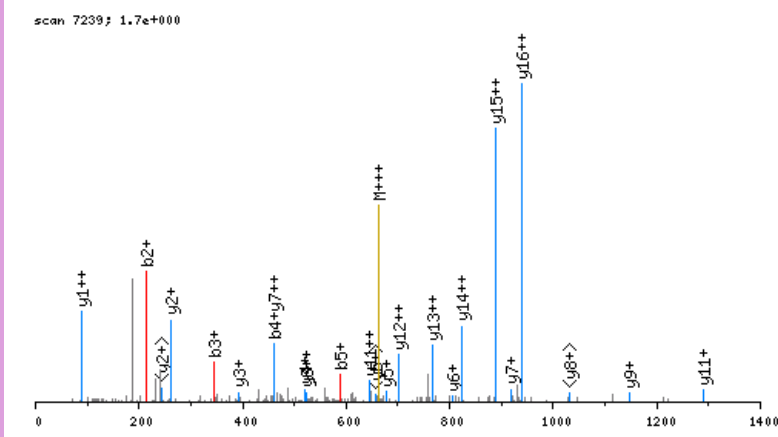
y + 2+ 3+

z + 2+ 3+

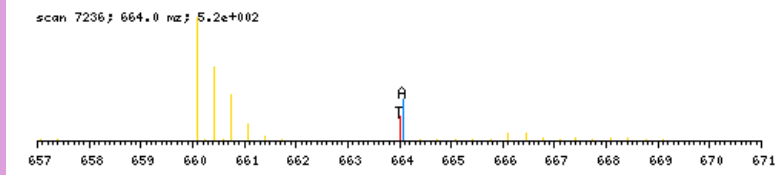
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
215.1395	2	V	16	1874.9898	937.9988
346.1800	3	M	15	1775.9214	888.4646
459.2641	4	L	14	1644.8809	822.9444
587.3227	5	Q	13	1531.7968	766.4023
700.4067	6	I	12	1403.7382	702.3730
771.4438	7	A	11	1290.6542	645.8310
842.4810	8	A	10	1219.6171	610.3124
943.5286	9	T	9	1148.5799	574.7939
1072.5712	10	E	8	1047.5323	524.2700
1185.6553	11	L	7	918.4897	459.7487
1314.6979	12	E	6	805.4056	403.2067
1470.8242	13	K	5	676.3630	338.6854
1599.8668	14	E	4	520.2367	260.6223
1728.9094	15	E	3	391.1941	196.1010
1815.9414	16	S	2	262.1515	131.5797
	17	R	1	175.1195	88.0637

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

SVPHGIANEDIVSR, MH+ 1527.8343, m/z 509.9496
 H OSG40 P180811 230811-s1.04446.04446.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

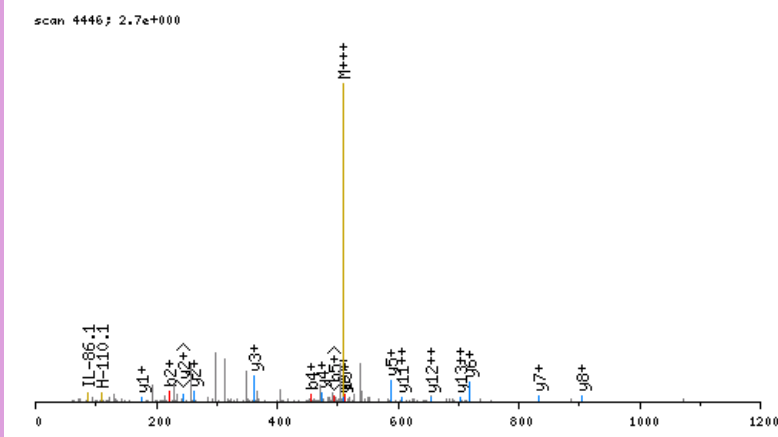
y + 2+ 3+

z + 2+ 3+

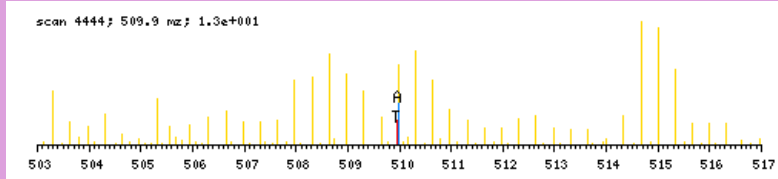
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
221.1713	2	V 13	1406.7392	703.8735
318.2241	3	P 12	1307.6708	654.3393
455.2830	4	H 11	1210.6180	605.8129
512.3045	5	G 10	1073.5591	537.2835
625.3885	6	I 9	1016.5376	508.7727
696.4257	7	A 8	903.4536	452.2307
810.4686	8	N 7	832.4165	416.7121
939.5112	9	E 6	718.3735	359.6907
1054.5381	10	D 5	589.3310	295.1694
1167.6222	11	I 4	474.3040	237.6559
1266.6906	12	V 3	361.2199	181.1139
1353.7226	13	S 2	262.1515	131.5797
	14	R 1	175.1195	88.0637

N-term:+35.07

SVPLPAENVITTAGQR, MH+ 1686.9602, m/z 562.9916
 H OSG37 P180811 230811-s1.05793.05793.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

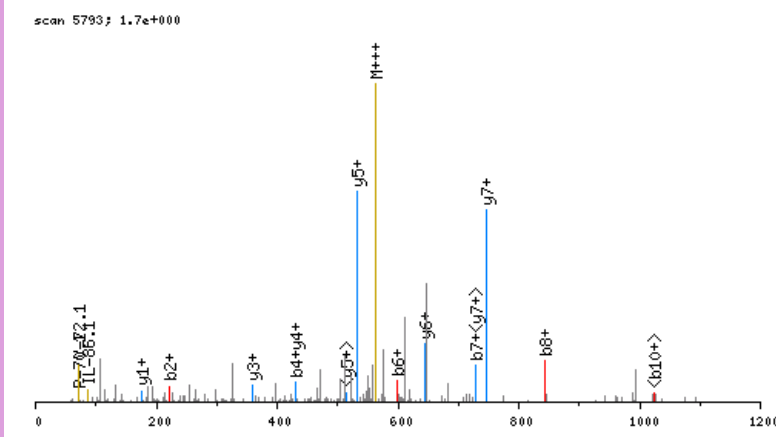
y + 2+ 3+

z + 2+ 3+

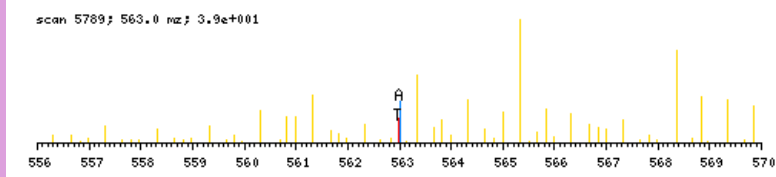
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
221.1713	2	V 15	1565.8651	783.4365
318.2241	3	P 14	1466.7967	733.9023
431.3082	4	L 13	1369.7440	685.3759
528.3609	5	P 12	1256.6599	628.8339
599.3980	6	A 11	1159.6071	580.3075
728.4406	7	E 10	1088.5700	544.7889
842.4836	8	N 9	959.5274	480.2676
941.5520	9	V 8	845.4845	423.2462
1042.5997	10	T 7	746.4161	373.7120
1155.6837	11	I 6	645.3684	323.1881
1256.7314	12	T 5	532.2843	266.6461
1327.7685	13	A 4	431.2367	216.1222
1384.7900	14	G 3	360.1995	180.6037
1512.8486	15	Q 2	303.1781	152.0930
	16	R 1	175.1195	88.0637

N-term:+35.07

SVTGEQYGNPIR, MH+ 1354.7179, m/z 452.2441
 H OSG37 P180811 230811-s1.03436.03436.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

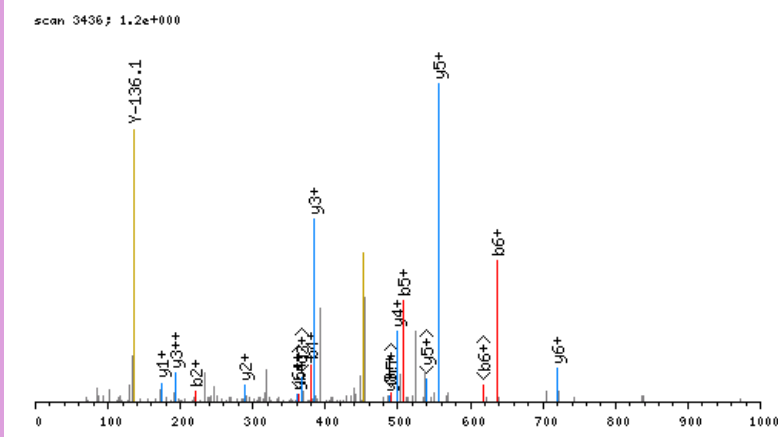
y + 2+ 3+

z + 2+ 3+

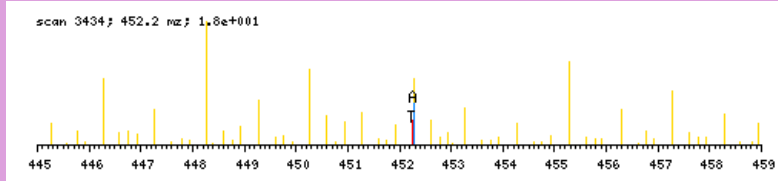
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1233.6228	617.3153
322.2190	3	T 10	1134.5544	567.7811
379.2405	4	G 9	1033.5067	517.2573
508.2831	5	E 8	976.4852	488.7465
636.3417	6	Q 7	847.4426	424.2252
799.4050	7	Y 6	719.3840	360.1959
856.4264	8	G 5	556.3207	278.6643
970.4694	9	N 4	499.2993	250.1535
1067.5221	10	P 3	385.2563	193.1321
1180.6062	11	I 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+35.07

SVVAGGPEVTLTPER, MH+ 1545.8700, m/z 515.9615
 H OSG37 P180811 230811-s1.05028.05028.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

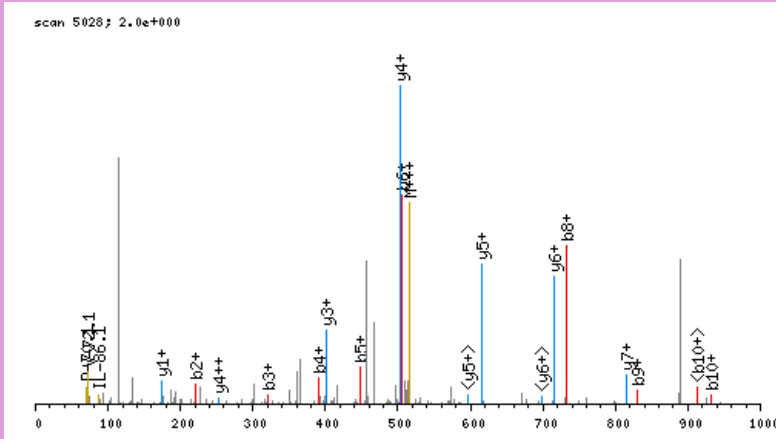
y + 2+ 3+

z + 2+ 3+

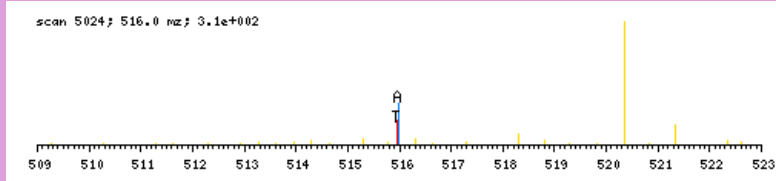
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

SWQDEIAQGTWR, MH+ 1510.7502, m/z 504.2549
 H OSG38 P180811 230811-s1.06363.06363.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

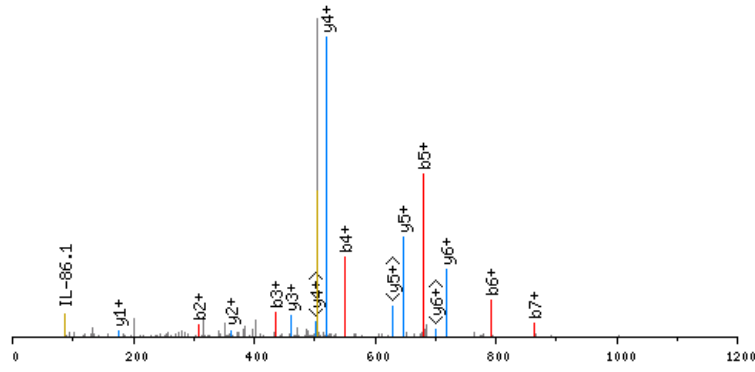
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

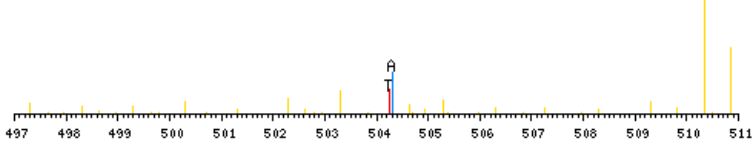
GO

scan 6363; 2.4e+000



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

scan 6359; 504.3 m/z; 1.8e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
122.1029	1	S 12		
308.1822	2	W 11	1389.6551	695.3315
436.2408	3	Q 10	1203.5758	602.2918
551.2678	4	D 9	1075.5172	538.2625
680.3104	5	E 8	960.4903	480.7491
793.3944	6	I 7	831.4477	416.2278
864.4315	7	A 6	718.3636	359.6857
992.4901	8	Q 5	647.3265	324.1672
1049.5116	9	G 4	519.2680	260.1379
1150.5593	10	T 3	462.2465	231.6272
1336.6386	11	W 2	361.1988	181.1033
	12	R 1	175.1195	88.0637

N-term:+35.07

SWYDNEYGYSNR, MH+ 1581.6610, m/z 527.8918
 L OSG38 P180811 230811-s1.04730.04730.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

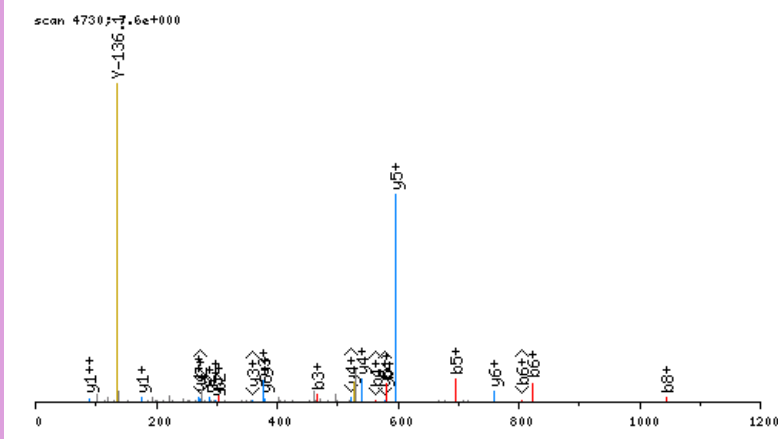
y + 2+ 3+

z + 2+ 3+

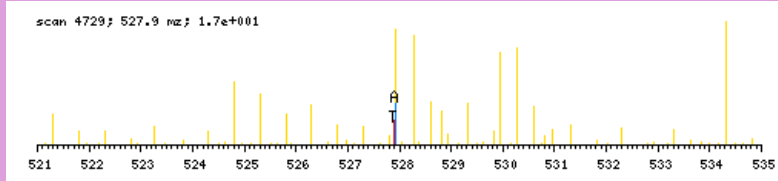
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

SYELPDGQVITIGNER, MH+ 1818.9237, m/z 606.9794
 L OSG37 P180811 230811-s1.07626.07626.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

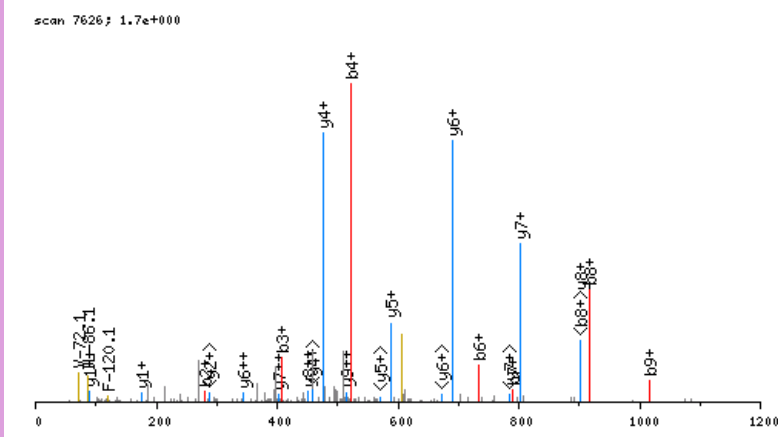
y + 2+ 3+

z + 2+ 3+

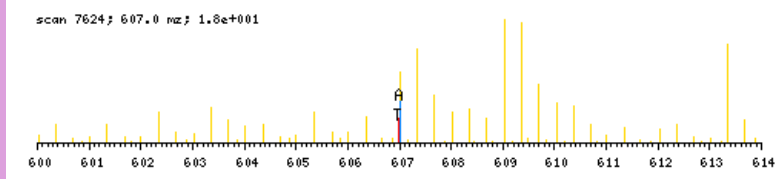
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

SYTVFKDLFDPIIQDR, MH+ 2013.0697, m/z 671.6948
 L OSG39 P180811 230811-s1.07917.07917.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

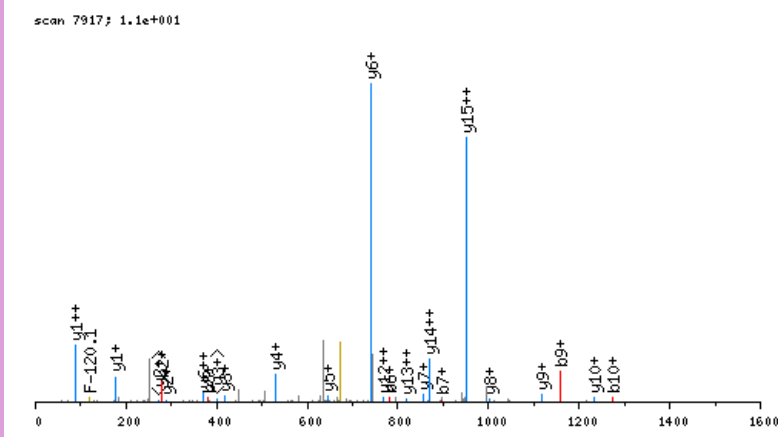
y + 2+ 3+

z + 2+ 3+

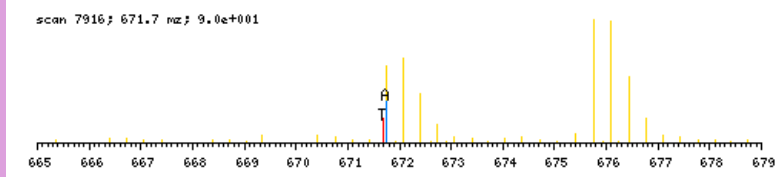
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1898.0064	949.5071
380.1821	3	T 14	1734.9431	867.9755
479.2505	4	V 13	1633.8954	817.4516
626.3190	5	F 12	1534.8270	767.9174
782.4453	6	K 11	1387.7586	694.3832
897.4722	7	D 10	1231.6323	616.3201
1010.5563	8	L 9	1116.6053	558.8066
1157.6247	9	F 8	1003.5213	502.2645
1272.6516	10	D 7	856.4529	428.7303
1369.7044	11	P 6	741.4259	371.2169
1482.7885	12	I 5	644.3731	322.6905
1595.8725	13	I 4	531.2891	266.1485
1723.9311	14	Q 3	418.2050	209.6064
1838.9580	15	D 2	290.1464	145.5771
	16	R 1	175.1195	88.0637

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

TAAVGAVFDISNADR, MH+ 1534.7865, m/z 512.2670
 L OSG37 P180811 230811-s1.06435.06435.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

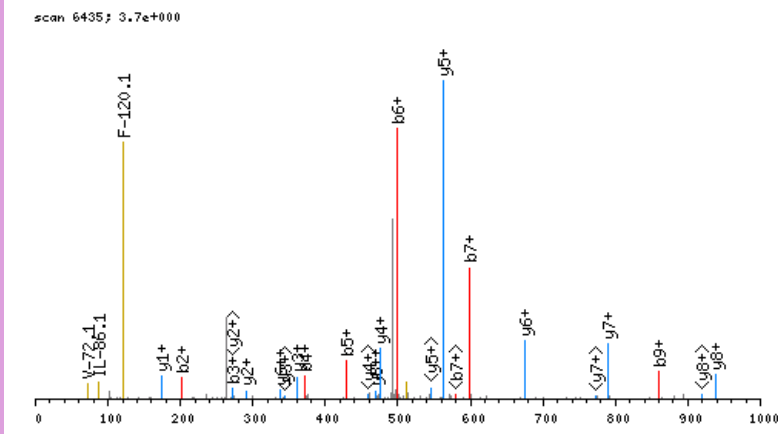
y + 2+ 3+

z + 2+ 3+

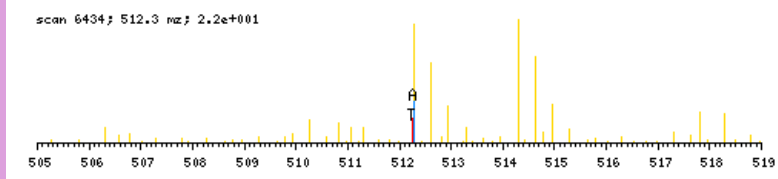
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

TAESGELHGLTIDEKFEVGVYR, MH+ 2506.3102, m/z 627.3330
 H OSG40 P180811 230811-s1.06937.06937.4.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+

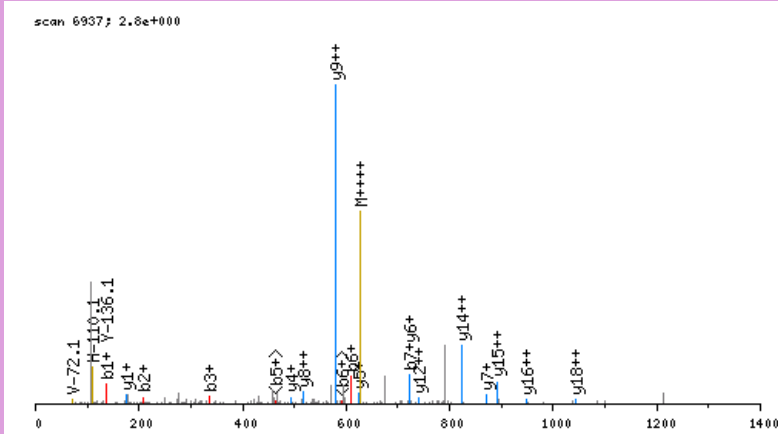
y + 2+ 3+

z + 2+ 3+

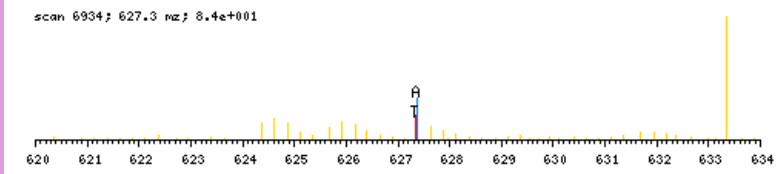
hide H₂O/NH₃

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		
207.1557	2	A	21	2371.1994	1186.1036
336.1983	3	E	20	2300.1623	1150.5851
423.2303	4	S	19	2171.1197	1086.0638
480.2518	5	G	18	2084.0877	1042.5478
609.2944	6	E	17	2027.0662	1014.0370
722.3784	7	L	16	1898.0236	949.5157
859.4373	8	H	15	1784.9396	892.9737
916.4588	9	G	14	1647.8806	824.4442
1029.5429	10	L	13	1590.8592	795.9335
1130.5906	11	T	12	1477.7751	739.3915
1231.6382	12	T	11	1376.7274	688.8676
1346.6652	13	D	10	1275.6798	638.3438
1475.7078	14	E	9	1160.6528	580.8303
1637.8659	15	K	8	1031.6102	516.3090
1784.9343	16	F	7	869.4521	435.2300
1884.0027	17	V	6	722.3837	361.6958
2013.0453	18	E	5	623.3153	312.1616
2070.0668	19	G	4	494.2727	247.6403
2169.1352	20	V	3	437.2512	219.1295
2332.1985	21	Y	2	338.1828	169.5953
	22	R	1	175.1195	88.0637

N-term:+35.07 K(15):+162.16

TAGDFSTTVIQNVNKAQVKIR, MH+ 2374.3459, m/z 594.3419
 L OSG40 P180811 230811-s1.07137.07137.4.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+

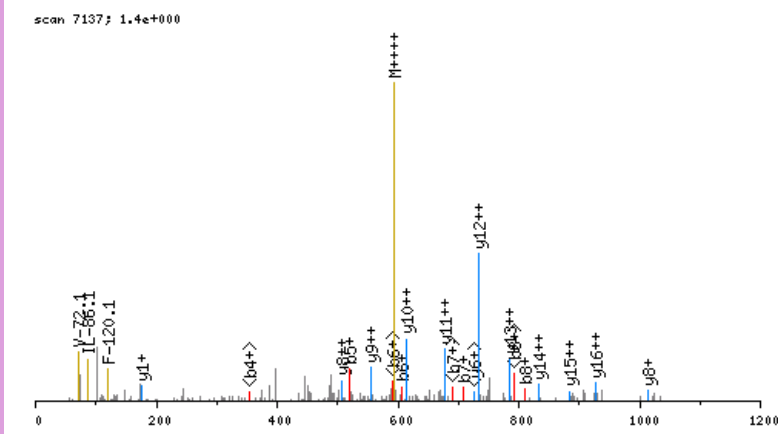
y + 2+ 3+

z + 2+ 3+

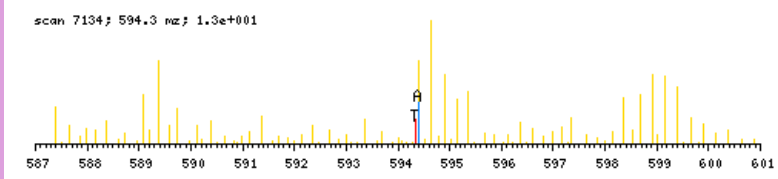
hide H₂O/NH₃

zoom 112-122

GO



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



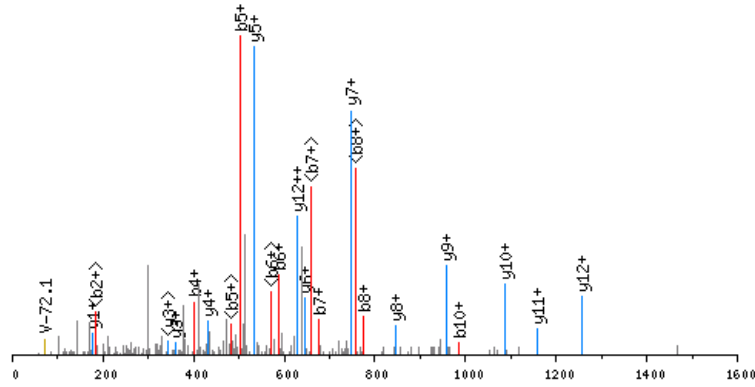
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	21		
201.1239	2	A	20	2245.2669	1123.1374
258.1454	3	G	19	2174.2298	1087.6188
373.1723	4	D	18	2117.2083	1059.1081
520.2407	5	F	17	2002.1814	1001.5946
607.2727	6	S	16	1855.1130	928.0604
708.3204	7	T	15	1768.0810	884.5444
809.3681	8	T	14	1667.0333	834.0205
908.4365	9	V	13	1565.9856	783.4967
1021.5206	10	I	12	1466.9172	733.9625
1149.5792	11	Q	11	1353.8331	677.4205
1263.6221	12	N	10	1225.7745	613.3912
1362.6905	13	V	9	1111.7316	556.3697
1476.7334	14	N	8	1012.6632	506.8355
1632.8597	15	K	7	898.6203	449.8140
1703.8968	16	A	6	742.4940	371.7509
1831.9554	17	Q	5	671.4569	336.2323
1931.0238	18	V	4	543.3983	272.2031
2087.1501	19	K	3	444.3299	222.6688
2200.2342	20	I	2	288.2036	144.6057
	21	R	1	175.1195	88.0637

N-term: +29.04 K(15): +156.13
 K(19): +156.13

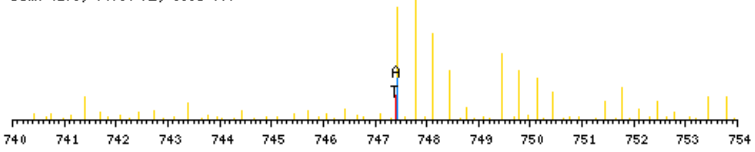
TASNVSSVPLPAENVTTITAGQR, MH+ 2240.1886, m/z 747.4011
 L OSG36 P180811 230811-s1.04283.04283.3.dta

scan 4283; 9.6e-001



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

scan 4279; 747.4 mz; 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

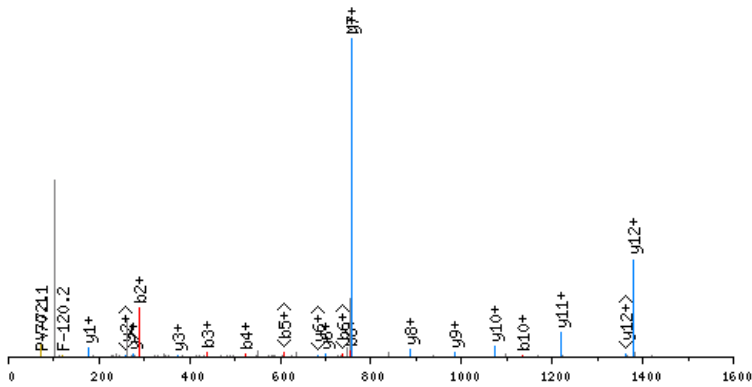
GO

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 22		
201.1239	2	A 21	2111.1097	1056.0587
288.1559	3	S 20	2040.0726	1020.5402
402.1988	4	N 19	1953.0405	977.0242
501.2673	5	V 18	1838.9976	920.0027
588.2993	6	S 17	1739.9292	870.4685
675.3313	7	S 16	1652.8972	826.9525
774.3997	8	V 15	1565.8651	783.4365
871.4525	9	P 14	1466.7967	733.9023
984.5366	10	L 13	1369.7440	685.3759
1081.5893	11	P 12	1256.6599	628.8339
1152.6264	12	A 11	1159.6071	580.3075
1281.6690	13	E 10	1088.5700	544.7889
1395.7120	14	N 9	959.5274	480.2676
1494.7804	15	V 8	845.4845	423.2462
1595.8281	16	T 7	746.4161	373.7120
1708.9121	17	I 6	645.3684	323.1881
1809.9598	18	T 5	532.2843	266.6461
1880.9969	19	A 4	431.2367	216.1222
1938.0184	20	G 3	360.1995	180.6037
2066.0769	21	Q 2	303.1781	152.0930
	22	R 1	175.1195	88.0637

N-term:+29.04

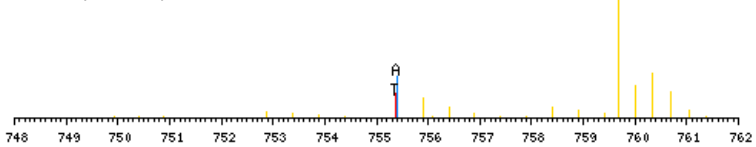
TCFSTEGPNLVTR, MH+ 1509.7371, m/z 755.3722
 L OSG37 P180811 230811-s1.04951.04951.2.dta

scan 4951; 1.5e+001



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

scan 4949; 755.4 m/z; 5.3e+002



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

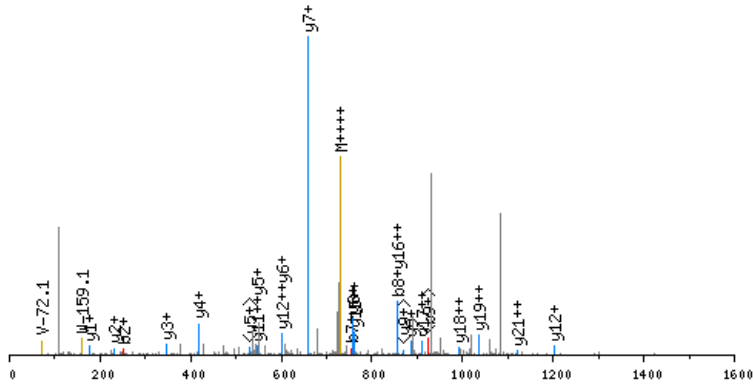
GO

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T	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

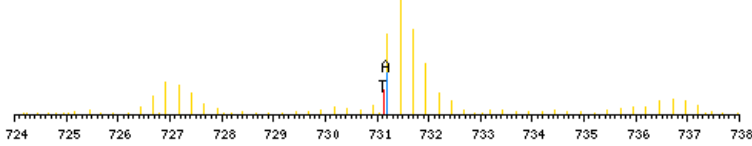
TDAEKAAVSLWGKVNSEVGGALGR, MH+ 2921.5527, m/z 731.1436
 H OSG40 P180811 230811-s1.07905.07905.4.dta

scan 7905; 1.0e+001



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

scan 7904; 731.1 m/z; 6.3e+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

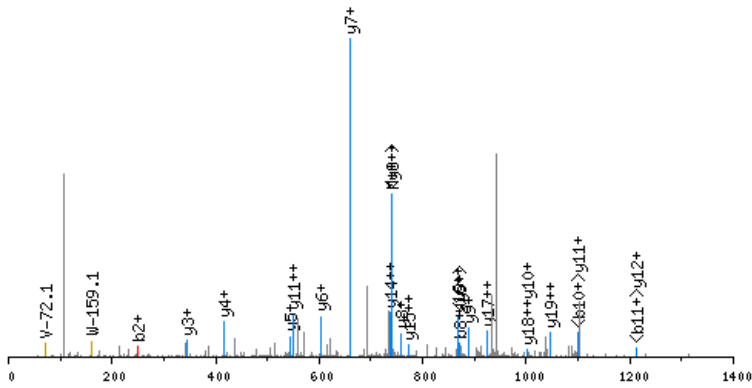
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
136.1186	1	T	27		
251.1455	2	D	26	2786.4419	1393.7249
322.1826	3	A	25	2671.4150	1336.2114
451.2252	4	E	24	2600.3779	1300.6929
613.3833	5	K	23	2471.3353	1236.1716
684.4204	6	A	22	2309.1772	1155.0925
755.4576	7	A	21	2238.1401	1119.5740
854.5260	8	V	20	2167.1030	1084.0554
941.5580	9	S	19	2068.0346	1034.5212
1101.5886	10	C	18	1981.0025	991.0052
1214.6727	11	L	17	1820.9719	910.9899
1400.7520	12	W	16	1707.8879	854.4478
1457.7734	13	G	15	1521.8085	761.4082
1619.9315	14	K	14	1464.7871	732.8975
1719.0000	15	V	13	1302.6290	651.8184
1833.0429	16	N	12	1203.5606	602.2842
1920.0749	17	S	11	1089.5176	545.2627
2035.1019	18	D	10	1002.4856	501.7467
2164.1444	19	E	9	887.4587	444.2332
2263.2129	20	V	8	758.4161	379.7120
2320.2343	21	G	7	659.3477	330.1777
2377.2558	22	G	6	602.3262	301.6670
2506.2984	23	E	5	545.3047	273.1563
2577.3355	24	A	4	416.2621	208.6350
2690.4196	25	L	3	345.2250	173.1164
2747.4410	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

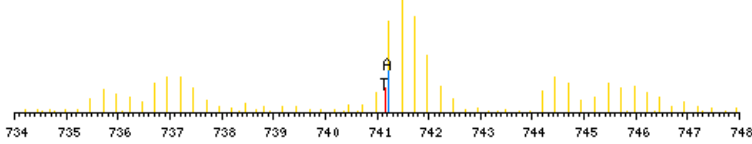
TDAEKSAVSCLWAKVNPDEVGGEALGR, MH+ 2961.5840, m/z 741.1515
 H OSG40 P180811 230811-s1.08465.08465.4.dta

scan 8465; 6.5e+000



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

scan 8464; 741.2 m/z; 5.1e+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⁺
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+ 2047.9606, m/z 683.3250
 L OSG37 P180811 230811-s1.07357.07357.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

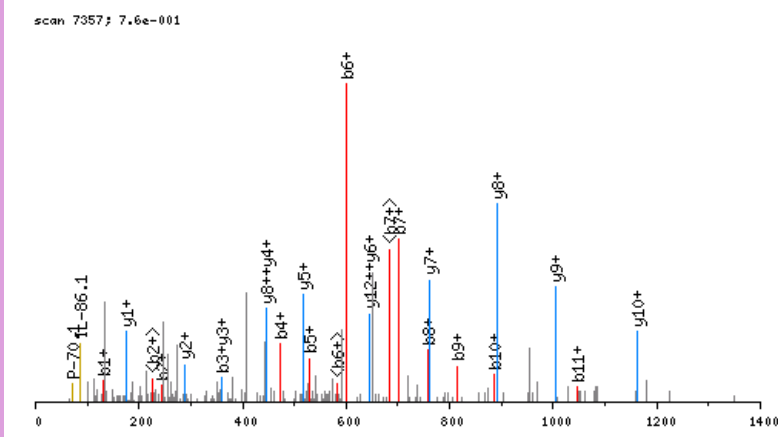
y + 2+ 3+

z + 2+ 3+

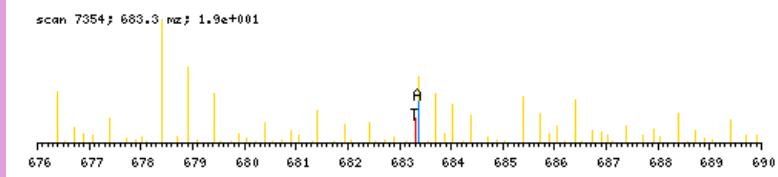
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1918.8816	959.9447
360.1407	3	D 18	1803.8547	902.4312
473.2247	4	L 17	1688.8277	844.9178
530.2462	5	G 16	1575.7436	788.3757
601.2833	6	A 15	1518.7222	759.8650
700.3517	7	V 14	1447.6851	724.3464
757.3732	8	G 13	1348.6167	674.8122
814.3946	9	G 12	1291.5952	646.3015
885.4318	10	A 11	1234.5737	617.7908
1045.4624	11	C 10	1163.5366	582.2722
1158.5464	12	L 9	1003.5060	502.2569
1287.5890	13	E 8	890.4220	445.7149
1402.6160	14	D 7	761.3794	381.1936
1531.6586	15	E 6	646.3524	323.6801
1602.6957	16	A 5	517.3098	259.1588
1689.7277	17	S 4	446.2727	223.6403
1760.7648	18	A 3	359.2407	180.1243
1873.8489	19	L 2	288.2036	144.6057
	20	R 1	175.1195	88.0637

N-term:+29.04 C(11);+160.03

TDEAAFQKVMNSLDSNR, MH+ 1981.9653, m/z 661.3266
 L OSG39 P180811 230811-s1.06034.06034.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

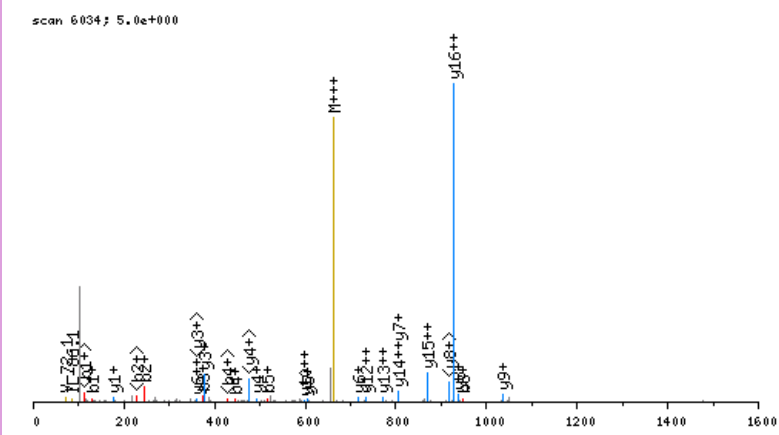
y + 2+ 3+

z + 2+ 3+

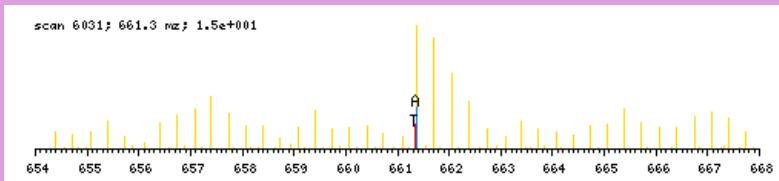
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
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

TDEDSILNLLTSR, MH+ 1510.8177, m/z 504.2774
 H OSG37 P180811 230811-s1.08693.08693.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

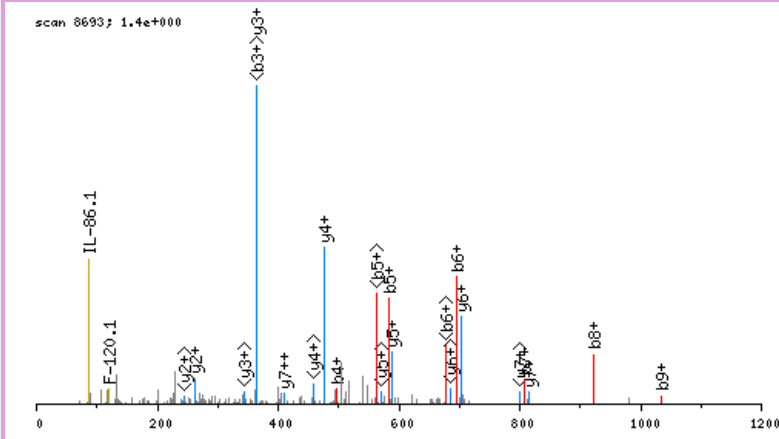
y + 2+ 3+

z + 2+ 3+

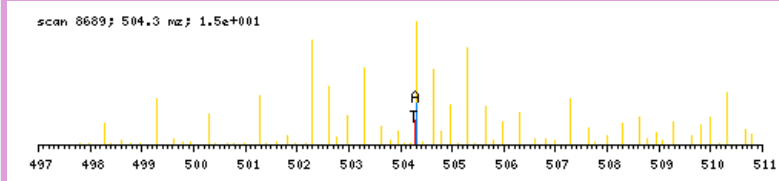
hide H₂O/NH₃

zoom 112-122

GO



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



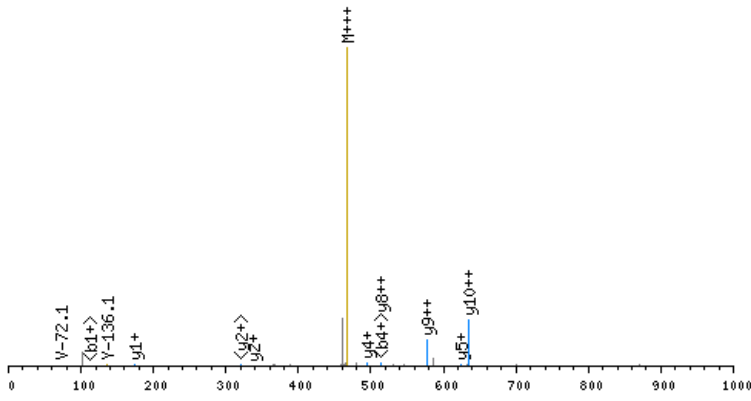
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 13		
251.1455	2	D 12	1375.7069	688.3574
380.1881	3	E 11	1260.6800	630.8439
495.2151	4	D 10	1131.6374	566.3226
582.2471	5	S 9	1016.6104	508.8091
695.3312	6	I 8	929.5784	465.2931
808.4152	7	L 7	816.4943	408.7511
922.4581	8	N 6	703.4103	352.2090
1035.5422	9	L 5	589.3673	295.1876
1148.6263	10	L 4	476.2833	238.6455
1249.6739	11	T 3	363.1992	182.1035
1336.7060	12	S 2	262.1515	131.5797
	13	R 1	175.1195	88.0637

N-term:+35.07

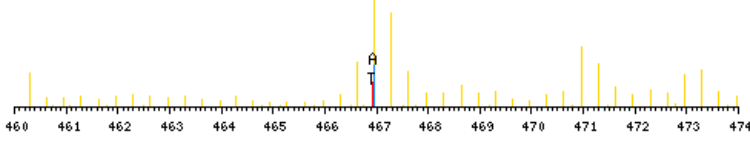
TDEKFEVGVYR, MH+ 1398.7269, m/z 466.9138
 L OSG40 P180811 230811-s1.04480.04480.3.dta

scan 4430; 1.6e+001



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

scan 4479; 466.9 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⁺
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

TDLEKDIISDTSGDFR, MH+ 1879.9925, m/z 627.3357
 H OSG39 P180811 230811-s1.06054.06054.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

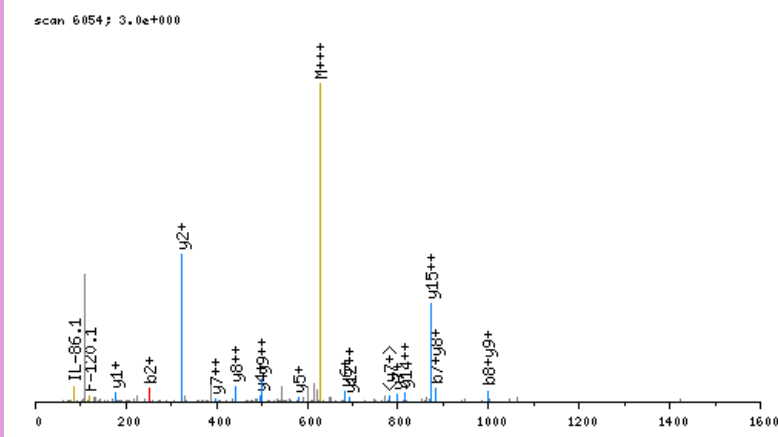
y + 2+ 3+

z + 2+ 3+

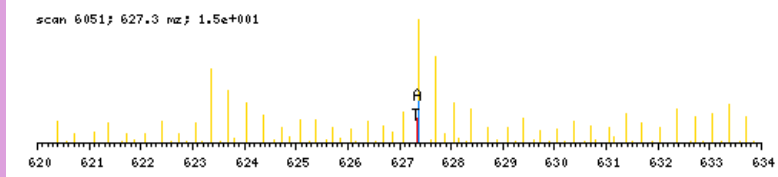
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
251.1455	2	D 15	1744.8818	872.9448
364.2296	3	L 14	1629.8548	815.4313
493.2722	4	E 13	1516.7708	758.8893
655.4303	5	K 12	1387.7282	694.3680
770.4572	6	D 11	1225.5701	613.2889
883.5413	7	I 10	1110.5431	555.7755
996.6253	8	I 9	997.4591	499.2334
1083.6574	9	S 8	884.3750	442.6914
1198.6843	10	D 7	797.3430	399.1754
1299.7320	11	T 6	682.3160	341.6619
1386.7640	12	S 5	581.2683	291.1381
1443.7855	13	G 4	494.2363	247.6221
1558.8124	14	D 3	437.2149	219.1113
1705.8808	15	F 2	322.1879	161.5979
	16	R 1	175.1195	88.0637

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

TDLNHNELKGGDDLDPNYVLSSR, MH+ 2628.2906, m/z 657.8281
 L OSG40 P180811 230811-s1.06497.06497.4.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+

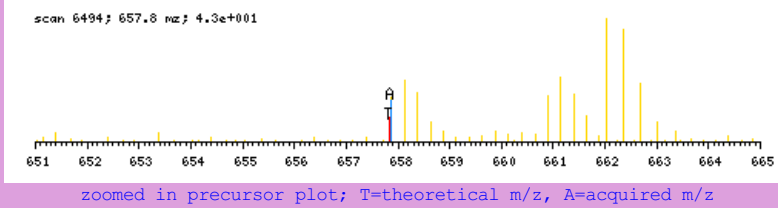
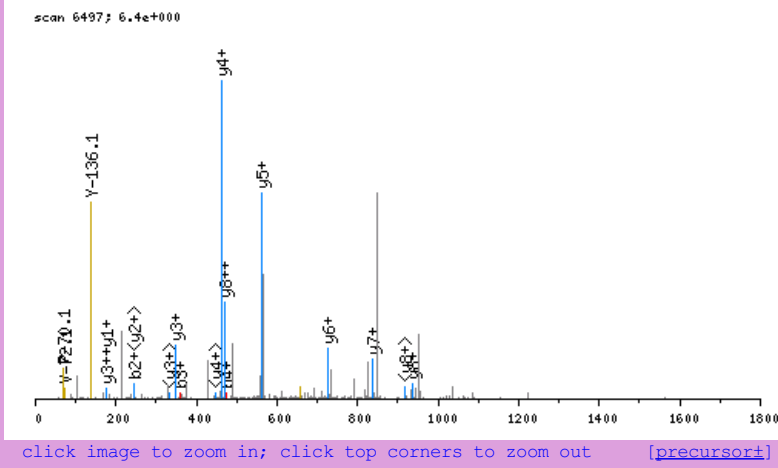
y + 2+ 3+

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

TDLQEAETIGR, MH+ 1428.8334, m/z 476.9493
 H OSG40 P180811 230811-s1.05011.05011.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

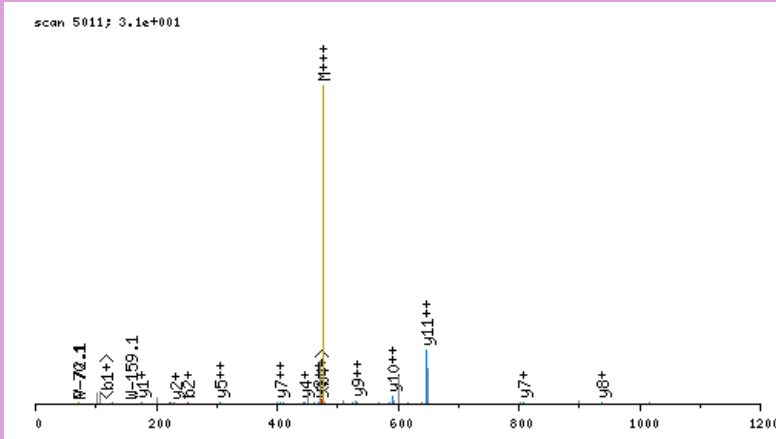
y + 2+ 3+

z + 2+ 3+

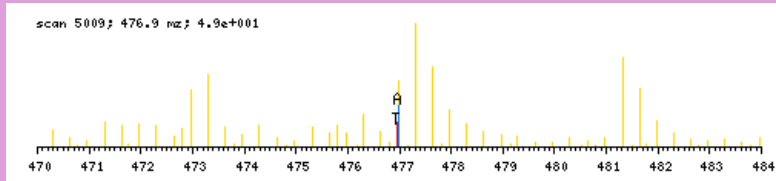
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
251.1455	2	D 11	1293.7227	647.3653
364.2296	3	L 10	1178.6957	589.8518
492.2882	4	Q 9	1065.6117	533.3098
621.3308	5	E 8	937.5531	469.2805
692.3679	6	A 7	808.5105	404.7592
821.4105	7	E 6	737.4734	369.2406
983.5686	8	K 5	608.4308	304.7193
1084.6162	9	T 4	446.2727	223.6403
1197.7003	10	I 3	345.2250	173.1164
1254.7218	11	G 2	232.1410	116.5744
	12	R 1	175.1195	88.0637

N-term:+35.07 K(8):+162.16

TDSLVCAGIISAR, MH+ 1629.9634, m/z 543.9926
 H OSG39 P180811 230811-s1.04488.04488.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

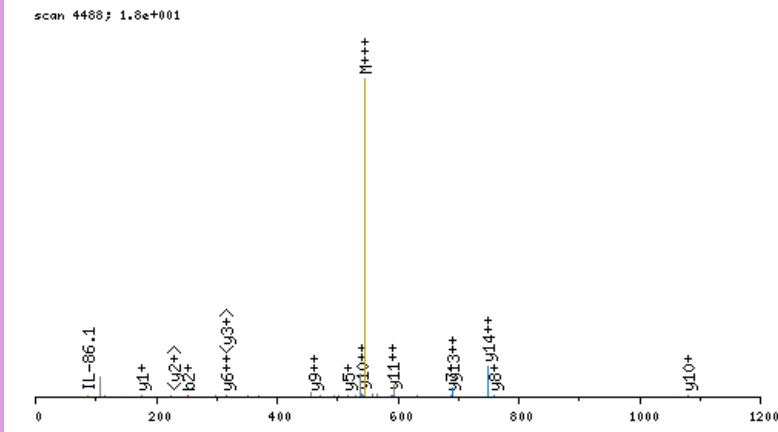
y + 2+ 3+

z + 2+ 3+

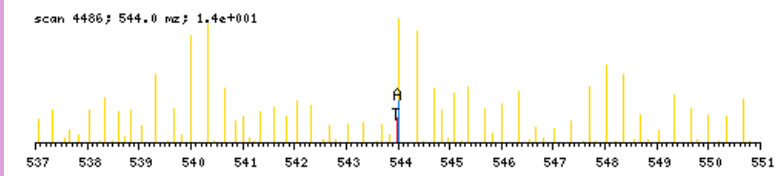
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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+ 1864.9565, m/z 622.3237
 H OSG39 P180811 230811-s1.03387.03387.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

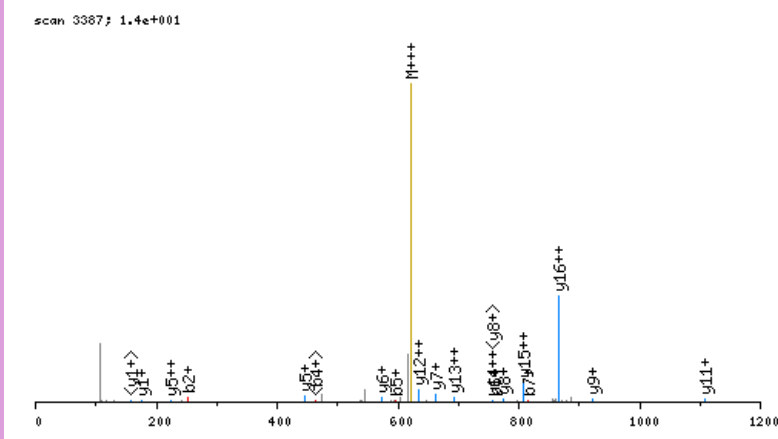
y + 2+ 3+

z + 2+ 3+

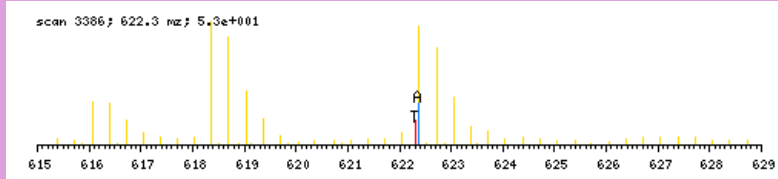
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	17		
251.1455	2	D	16	1729.8457	865.4268
352.1932	3	T	15	1614.8188	807.9133
481.2358	4	E	14	1513.7711	757.3895
596.2627	5	D	13	1384.7285	692.8682
758.4208	6	K	12	1269.7016	635.3547
815.4423	7	G	11	1107.5435	554.2756
944.4849	8	E	10	1050.5220	525.7649
1091.5533	9	F	9	921.4794	461.2436
1204.6374	10	L	8	774.4110	387.7094
1291.6694	11	S	7	661.3269	331.1674
1420.7120	12	E	6	574.2949	287.6514
1477.7335	13	G	5	445.2523	223.1301
1534.7549	14	G	4	388.2308	194.6193
1591.7764	15	G	3	331.2094	166.1086
1690.8448	16	V	2	274.1879	137.5979
	17	R	1	175.1195	88.0637

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

TDVETQPGKTVIR, MH+ 1499.8433, m/z 500.6193
 L OSG39 P180811 230811-s1.02538.02538.3.dta

scan 2538; 2.4e+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+

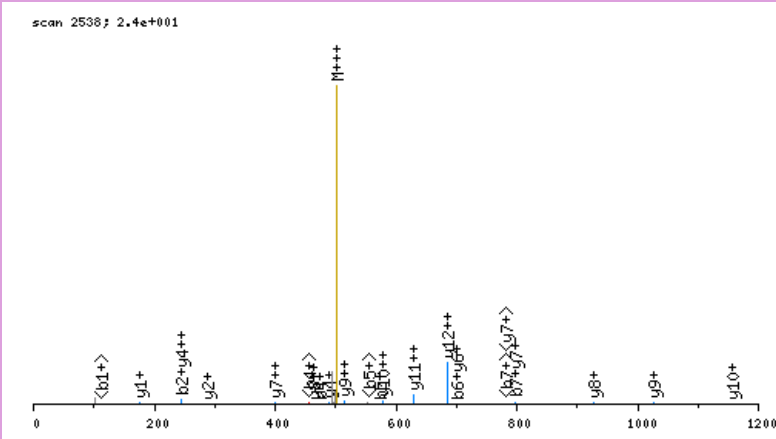
y + 2+ 3+

z + 2+ 3+

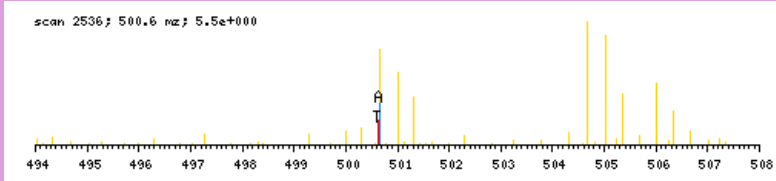
hide H₂O/NH₃

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⁺
130.0868	1	T	13	
245.1137	2	D	12	1370.7644 685.8861
344.1821	3	V	11	1255.7374 628.3726
473.2247	4	E	10	1156.6690 578.8384
574.2724	5	T	9	1027.6264 514.3171
702.3310	6	Q	8	926.5788 463.7933
799.3837	7	P	7	798.5202 399.7640
856.4052	8	G	6	701.4674 351.2376
1012.5315	9	K	5	644.4460 322.7269
1113.5792	10	T	4	488.3197 244.6637
1212.6476	11	V	3	387.2720 194.1399
1325.7317	12	I	2	288.2036 144.6057
	13	R	1	175.1195 88.0637

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

TDVSVDTKHKQLQGVAFPISR, MH+ 2355.2672, m/z 589.5723
 L OSG40 P180811 230811-s1.06691.06691.4.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+

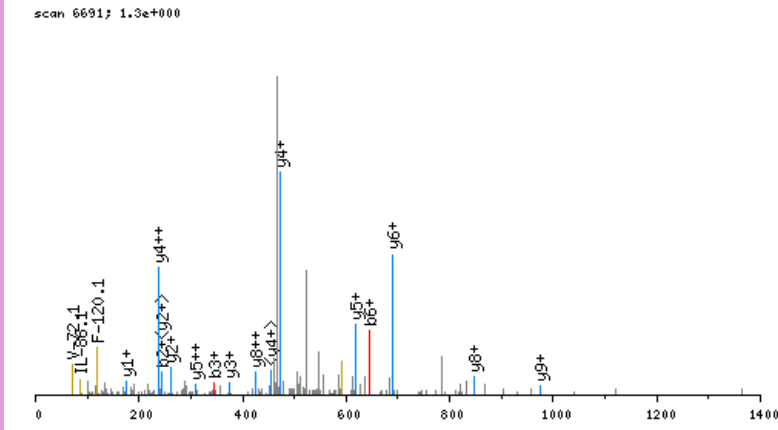
y + 2+ 3+

z + 2+ 3+

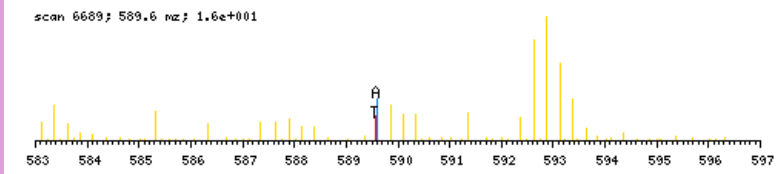
hide H₂O/NH₃

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	21		
245.1137	2	D	20	2226.1883	1113.5981
344.1821	3	V	19	2111.1613	1056.0846
431.2142	4	S	18	2012.0929	1006.5504
530.2826	5	V	17	1925.0609	963.0344
645.3095	6	D	16	1825.9925	913.5002
746.3572	7	T	15	1710.9656	855.9867
902.4835	8	K	14	1609.9179	805.4628
1039.5424	9	H	13	1453.7916	727.3997
1167.6010	10	Q	12	1316.7327	658.8702
1268.6487	11	T	11	1188.6741	594.8410
1381.7327	12	L	10	1087.6264	544.3171
1509.7913	13	Q	9	974.5423	487.7751
1566.8128	14	G	8	846.4838	423.7458
1665.8812	15	V	7	789.4623	395.2351
1736.9183	16	A	6	690.3939	345.7009
1883.9867	17	F	5	619.3568	310.1823
1981.0395	18	P	4	472.2884	236.6481
2094.1235	19	I	3	375.2356	188.1217
2181.1556	20	S	2	262.1515	131.5797
	21	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+

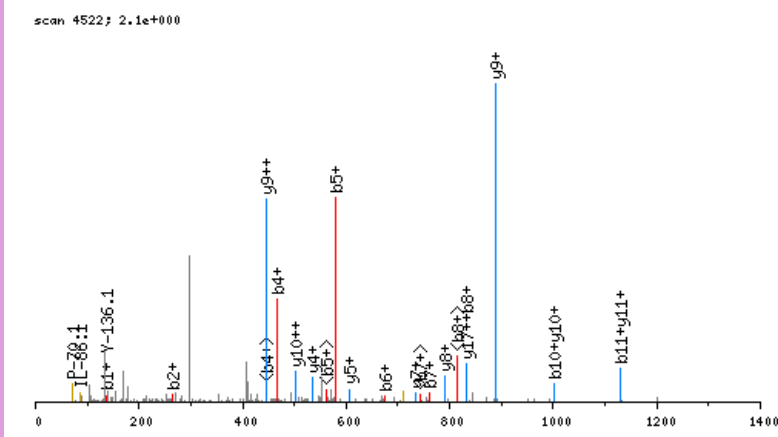
y + 2+ 3+

z + 2+ 3+

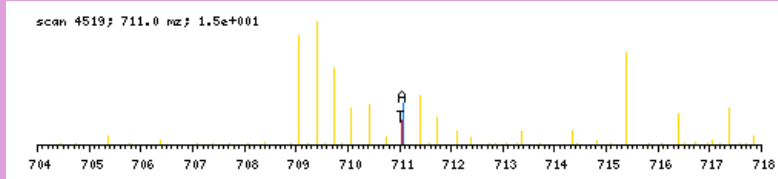
hide H₂O/NH₃

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⁺
136.1186	1	T	21		
265.1612	2	E	20	1995.9809	998.4944
336.1983	3	A	19	1866.9383	933.9731
465.2409	4	E	18	1795.9012	898.4545
578.3249	5	L	17	1666.8586	833.9332
675.3777	6	P	16	1553.7746	777.3912
762.4097	7	S	15	1456.7218	728.8648
833.4468	8	A	14	1369.6898	685.3488
930.4996	9	P	13	1298.6526	649.8302
1001.5367	10	A	12	1201.5999	601.3039
1130.5793	11	E	11	1130.5628	565.7853
1243.6634	12	L	10	1001.5202	501.2640
1340.7161	13	P	9	888.4361	444.7220
1397.7376	14	G	8	791.3833	396.1956
1454.7591	15	G	7	734.3619	367.6849
1525.7962	16	A	6	677.3404	339.1741
1596.8333	17	A	5	606.3033	303.6556
1756.8639	18	C	4	535.2662	268.1370
1869.9480	19	L	3	375.2356	188.1217
1956.9800	20	S	2	262.1515	131.5797
	21	R	1	175.1195	88.0637

N-term: +35.07 C(18): +160.03

TEEDAASYVR, MH+ 1174.5804, m/z 587.7938
 H OSG37 P180811 230811-s1.02775.02775.2.dta

scan 2775; 7.7e+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+

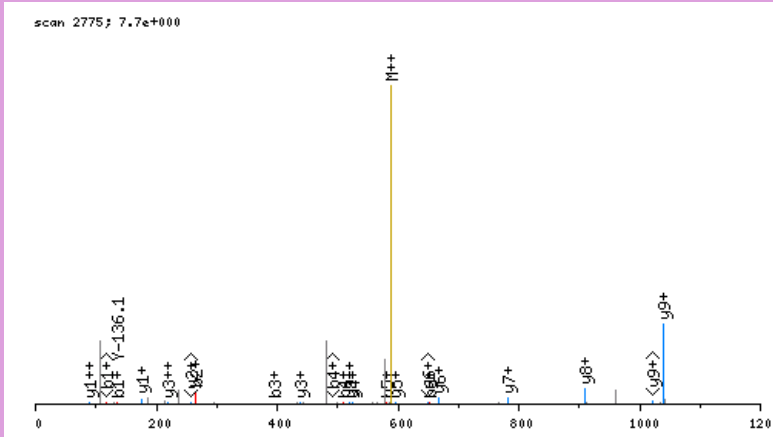
y + 2+ 3+

z + 2+ 3+

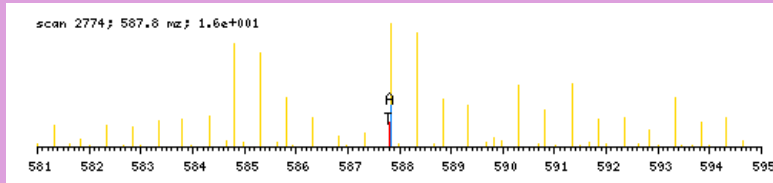
hide H₂O/NH₃

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⁺
136.1186	1	T	10	
265.1612	2	E	9	1039.4696 520.2387
394.2038	3	E	8	910.4270 455.7174
509.2307	4	D	7	781.3844 391.1961
580.2678	5	A	6	666.3575 333.6827
651.3049	6	A	5	595.3204 298.1641
738.3370	7	S	4	524.2833 262.6455
901.4003	8	Y	3	437.2512 219.1295
1000.4687	9	V	2	274.1879 137.5979
	10	R	1	175.1195 88.0637

N-term:+35.07

TEFTPTETDTYACR, MH+ 1719.7535, m/z 573.9227
 L OSG37 P180811 230811-s1.04457.04457.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

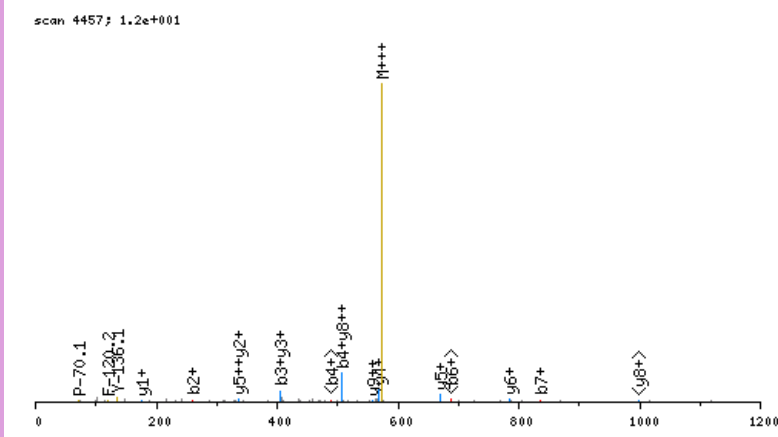
y + 2+ 3+

z + 2+ 3+

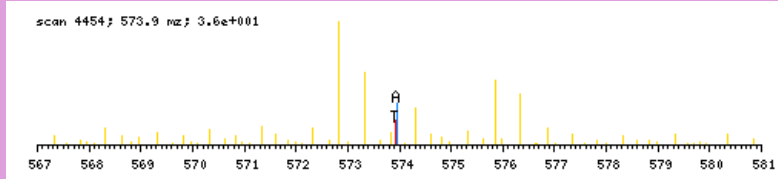
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
259.1294	2	E 13	1590.6746	795.8412
406.1978	3	F 12	1461.6320	731.3199
507.2455	4	T 11	1314.5636	657.7857
604.2982	5	P 10	1213.5159	607.2619
705.3459	6	T 9	1116.4631	558.7355
834.3885	7	E 8	1015.4154	508.2116
935.4362	8	T 7	886.3728	443.6903
1050.4631	9	D 6	785.3252	393.1665
1151.5108	10	T 5	670.2982	335.6530
1314.5741	11	Y 4	569.2505	285.1292
1385.6112	12	A 3	406.1872	203.5975
1545.6418	13	C 2	335.1501	168.0790
	14	R 1	175.1195	88.0637

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

TEGAELVDSVLDVVR, MH+ 1629.8699, m/z 543.9615
 L OSG37 P180811 230811-s1.08747.08747.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

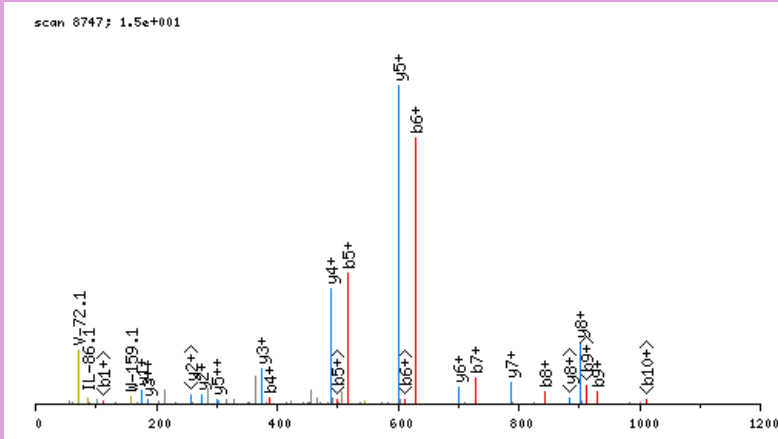
y + 2+ 3+

z + 2+ 3+

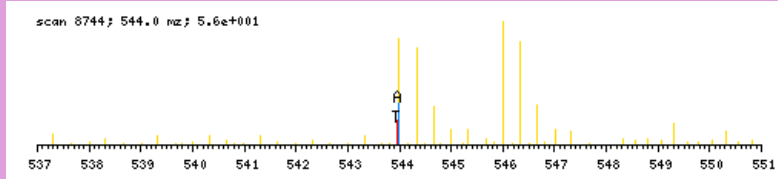
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1500.7910	750.8994
316.1508	3	G	13	1371.7484	686.3781
387.1879	4	A	12	1314.7269	657.8674
516.2305	5	E	11	1243.6898	622.3488
629.3146	6	L	10	1114.6472	557.8275
728.3830	7	V	9	1001.5631	501.2855
843.4100	8	D	8	902.4947	451.7513
930.4420	9	S	7	787.4678	394.2378
1029.5104	10	V	6	700.4357	350.7218
1142.5945	11	L	5	601.3673	301.1876
1257.6214	12	D	4	488.2833	244.6455
1356.6898	13	V	3	373.2563	187.1321
1455.7582	14	V	2	274.1879	137.5979
	15	R	1	175.1195	88.0637

N-term:+29.04

TEGPSTPSSFPAQEEHR, MH+ 1890.9046, m/z 630.9730
 H OSG39 P180811 230811-s1.02730.02730.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

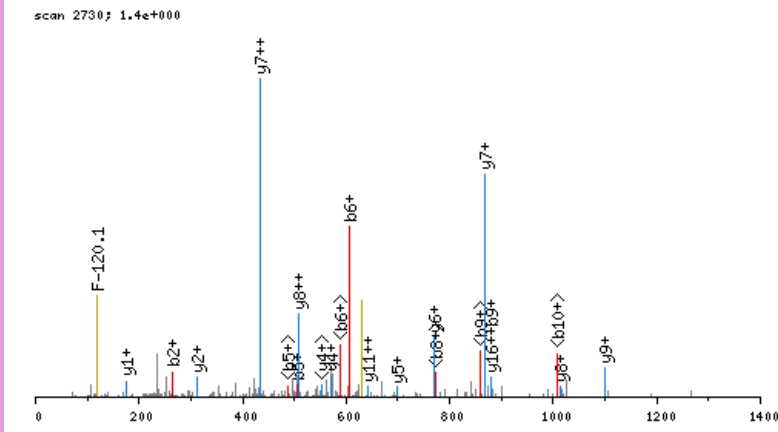
y + 2+ 3+

z + 2+ 3+

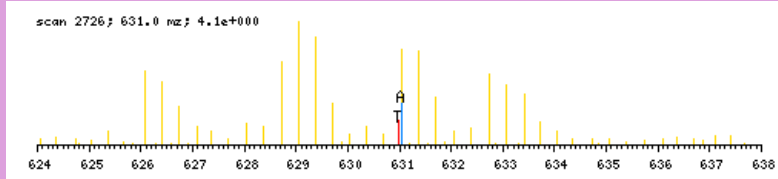
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 17		
265.1612	2	E 16	1755.7938	878.4008
322.1826	3	G 15	1626.7512	813.8795
419.2354	4	P 14	1569.7298	785.3688
506.2674	5	S 13	1472.6770	736.8424
607.3151	6	T 12	1385.6450	693.3264
704.3679	7	P 11	1284.5973	642.8026
791.3999	8	S 10	1187.5445	594.2762
878.4319	9	S 9	1100.5125	550.7602
1025.5003	10	F 8	1013.4805	507.2441
1122.5531	11	P 7	866.4121	433.7099
1193.5902	12	A 6	769.3593	385.1836
1321.6488	13	Q 5	698.3222	349.6650
1450.6914	14	E 4	570.2636	285.6357
1579.7340	15	E 3	441.2210	221.1144
1716.7929	16	H 2	312.1784	156.5931
	17	R 1	175.1195	88.0637

N-term:+35.07

TEMVALNPDFKPPADYKPPATR, MH+ 2560.4334, m/z 640.8638
 H OSG40 P180811 230811-s1.06997.06997.4.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+

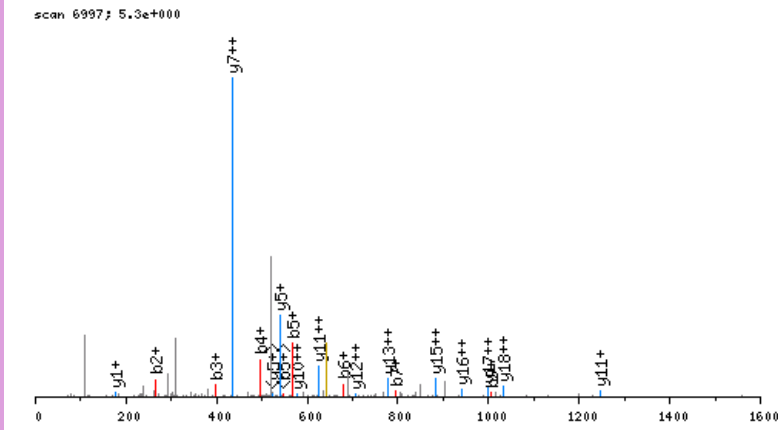
y + 2+ 3+

z + 2+ 3+

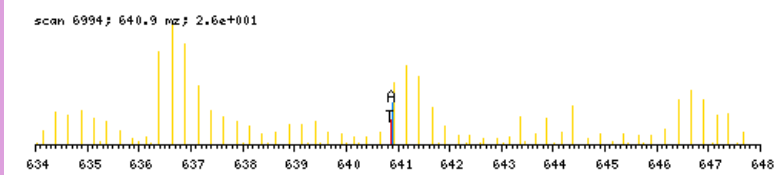
hide H₂O/NH₃

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		
265.1612	2	E	21	2425.3227	1213.1652
396.2017	3	M	20	2296.2801	1148.6439
495.2701	4	V	19	2165.2396	1083.1237
566.3072	5	A	18	2066.1712	1033.5895
679.3912	6	L	17	1995.1340	998.0709
793.4342	7	N	16	1882.0500	941.5289
890.4869	8	P	15	1768.0071	884.5074
1005.5139	9	D	14	1670.9543	835.9811
1152.5823	10	F	13	1555.9273	778.4676
1314.7404	11	K	12	1408.8589	704.9334
1411.7932	12	P	11	1246.7008	623.8543
1508.8459	13	P	10	1149.6481	575.3279
1579.8830	14	A	9	1052.5953	526.8016
1694.9100	15	D	8	981.5582	491.2830
1857.9733	16	Y	7	866.5312	433.7695
2020.1314	17	K	6	703.4679	352.2379
2117.1842	18	P	5	541.3098	271.1588
2214.2369	19	P	4	444.2571	222.6324
2285.2741	20	A	3	347.2043	174.1061
2386.3217	21	T	2	276.1672	138.5875
	22	R	1	175.1195	88.0637

N-term: +35.07 K(11): +162.16
 K(17): +162.16

TEPVISFYDKR, MH+ 1410.7633, m/z 470.9260
 L OSG40 P180811 230811-s1.05788.05788.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

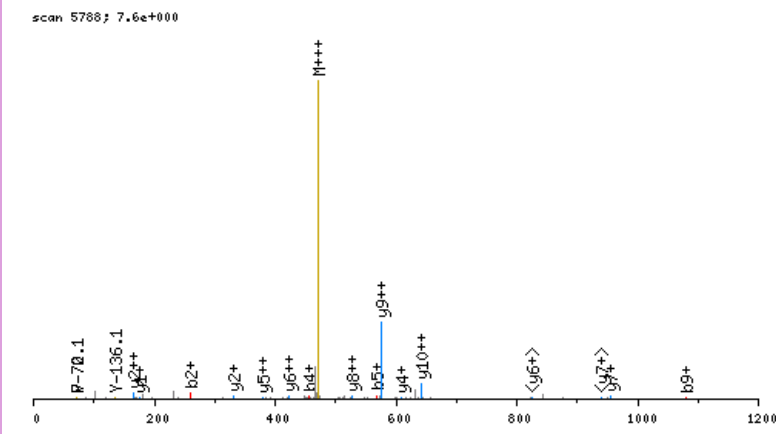
y + 2+ 3+

z + 2+ 3+

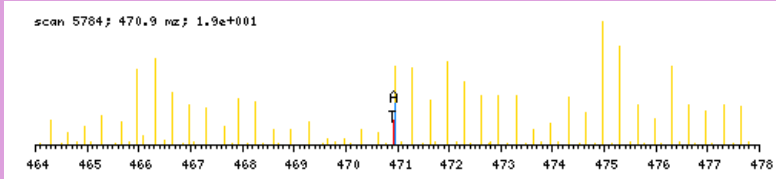
hide H₂O/NH₃

zoom 112-122

GO



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

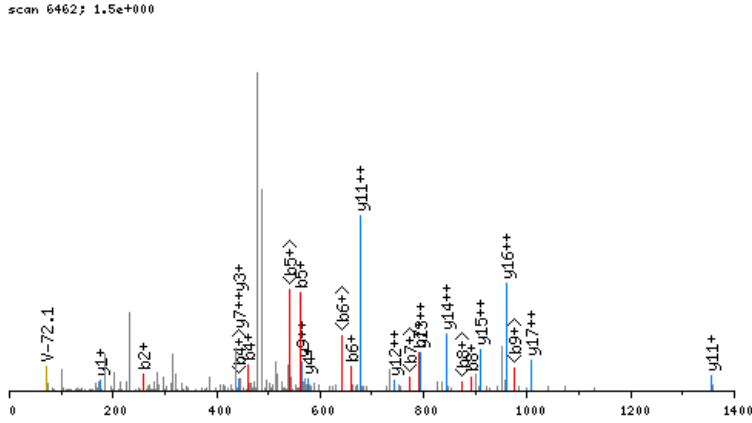


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

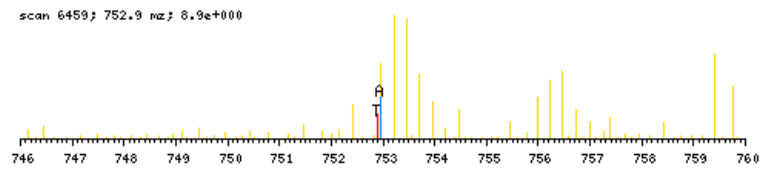
b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 11		
259.1294	2	E 10	1281.6843	641.3461
356.1821	3	P 9	1152.6418	576.8248
455.2505	4	V 8	1055.5890	528.2984
568.3346	5	I 7	956.5206	478.7642
655.3666	6	S 6	843.4365	422.2222
802.4351	7	F 5	756.4045	378.7062
965.4984	8	Y 4	609.3361	305.1719
1080.5253	9	D 3	446.2727	223.6403
1236.6516	10	K 2	331.2458	166.1268
	11	R 1	175.1195	88.0637

N-term:+29.04 K(10):+156.13

TETTVTETTVTETETEPENQSLIMKLR, MH+ 3008.5349, m/z 752.8892
 L OSG38 P180811 230811-s1.06462.06462.4.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⁺
130.0868	1	T 26		
259.1294	2	E 25	2879.4560	1440.2319
360.1771	3	T 24	2750.4134	1375.7106
461.2247	4	T 23	2649.3657	1325.1868
560.2931	5	V 22	2548.3180	1274.6629
661.3408	6	T 21	2449.2496	1225.1287
790.3834	7	E 20	2348.2020	1174.6049
891.4311	8	T 19	2219.1594	1110.0836
992.4788	9	T 18	2118.1117	1059.5598
1091.5472	10	V 17	2017.0640	1009.0359
1192.5949	11	T 16	1917.9956	959.5017
1321.6375	12	E 15	1816.9479	908.9779
1422.6851	13	T 14	1687.9053	844.4566
1523.7328	14	T 13	1586.8576	793.9327
1652.7754	15	E 12	1485.8100	743.4089
1749.8282	16	P 11	1356.7674	678.8876
1878.8708	17	E 10	1259.7146	630.3612
1992.9137	18	N 9	1130.6720	565.8399
2120.9723	19	Q 8	1016.6291	508.8185
2208.0043	20	S 7	888.5705	444.7892
2321.0884	21	L 6	801.5385	401.2732
2434.1724	22	I 5	688.4544	344.7311
2565.2129	23	M 4	575.3703	288.1891
2721.3392	24	K 3	444.3299	222.6688
2834.4233	25	L 2	288.2036	144.6057
	26	R 1	175.1195	88.0637

N-term:+29.04 K(24):+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

TEVLVTPAGVASKR, MH+ 1495.9484, m/z 499.3210
 H OSG39 P180811 230811-s1.03500.03500.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

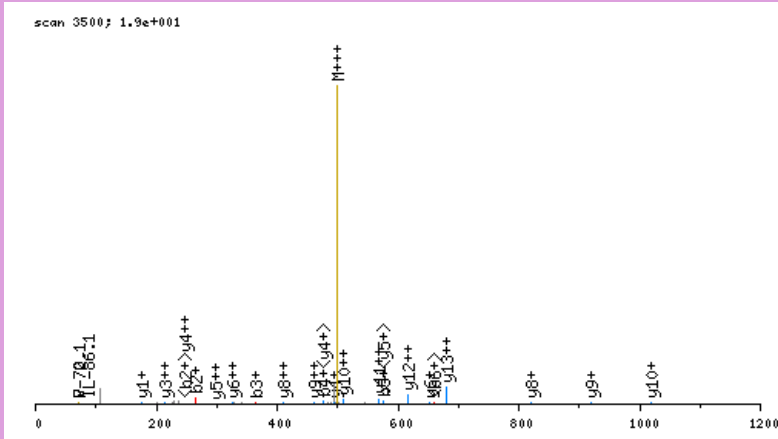
y + 2+ 3+

z + 2+ 3+

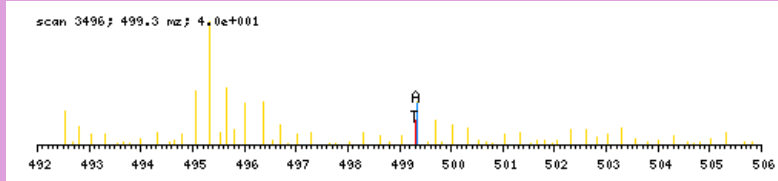
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
364.2296	3	V	12	1231.7951
477.3136	4	L	11	1132.7267
576.3821	5	V	10	1019.6426
677.4297	6	T	9	920.5742
774.4825	7	P	8	819.5265
845.5196	8	A	7	722.4737
902.5411	9	G	6	651.4366
1001.6095	10	V	5	594.4152
1072.6466	11	A	4	495.3467
1159.6786	12	S	3	424.3096
1321.8367	13	K	2	337.2776
	14	R	1	175.1195

N-term:+35.07 K(13):+162.16

TEVVCAPPTAYIDFAR, MH+ 1837.9158, m/z 613.3101
 L OSG36 P180811 230811-s1.05302.05302.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

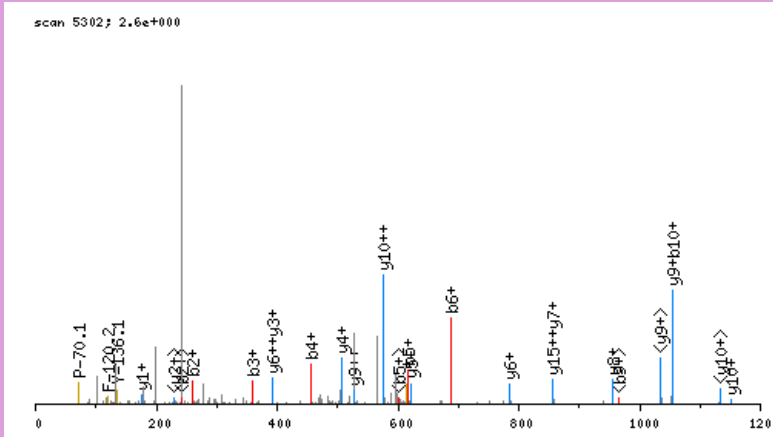
y + 2+ 3+

z + 2+ 3+

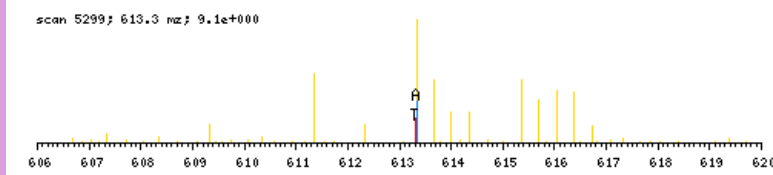
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1708.8368
358.1978	3	V	14	790.4010
457.2662	4	V	13	740.8668
617.2968	5	C	12	691.3326
688.3339	6	A	11	611.3173
785.3867	7	P	10	575.7988
882.4394	8	P	9	527.2724
983.4871	9	T	8	478.7460
1054.5242	10	A	7	428.2222
1217.5876	11	Y	6	392.7036
1330.6716	12	I	5	311.1719
1445.6986	13	D	4	254.6299
1592.7670	14	F	3	197.1164
1663.8041	15	A	2	123.5822
	16	R	1	88.0637

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

TEYMQDPDEEALR, MH+ 1630.7483, m/z 544.2543
 H OSG37 P180811 230811-s1.04581.04581.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

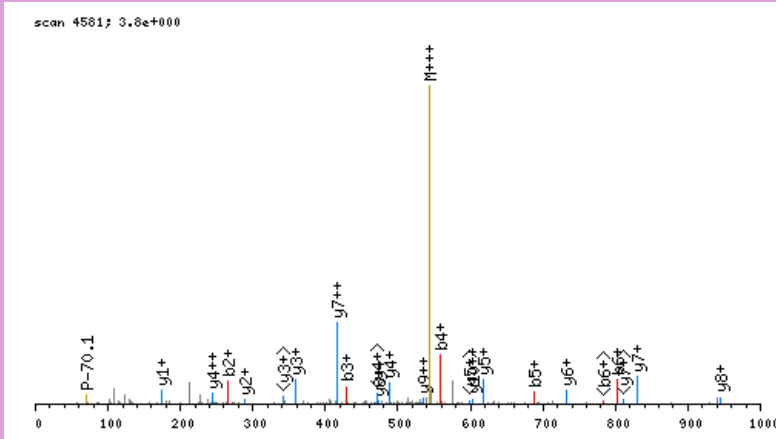
y + 2+ 3+

z + 2+ 3+

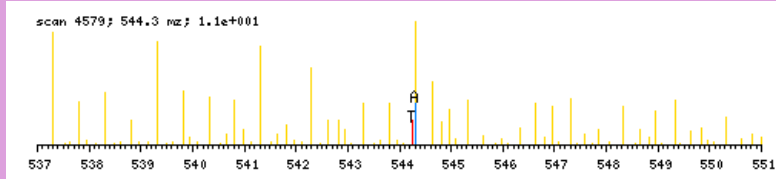
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
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+ 1780.8176, m/z 594.2774
 L OSG40 P180811 230811-s1.04521.04521.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

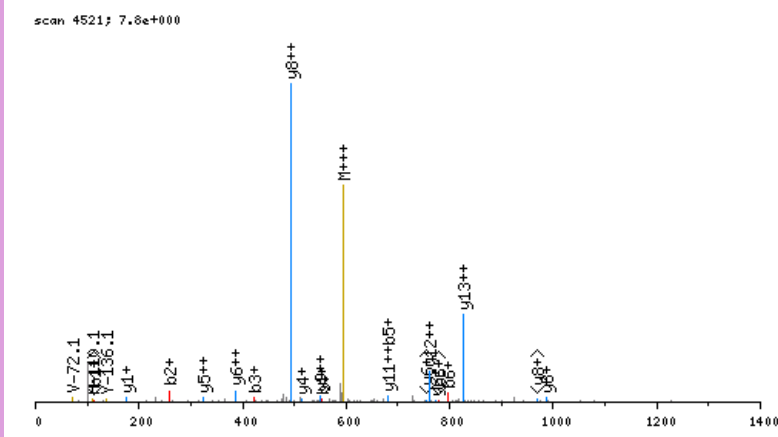
y + 2+ 3+

z + 2+ 3+

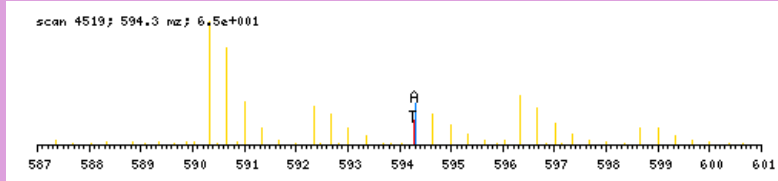
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
259.1294	2	E	13	1651.7386	826.3732
422.1927	3	Y	12	1522.6960	761.8519
553.2332	4	M	11	1359.6327	680.3203
681.2918	5	Q	10	1228.5922	614.8000
796.3187	6	D	9	1100.5336	550.7707
893.3715	7	P	8	985.5067	493.2573
1008.3984	8	D	7	888.4539	444.7309
1137.4410	9	E	6	773.4270	387.2174
1266.4836	10	E	5	644.3844	322.6961
1337.5207	11	A	4	515.3418	258.1748
1450.6048	12	L	3	444.3047	222.6563
1606.7059	13	R	2	331.2206	166.1142
	14	R	1	175.1195	88.0637

N-term:+29.04

TFGKFDVEPDTYCR, MH+ 1790.8423, m/z 597.6190
 L OSG40 P180811 230811-s1.06272.06272.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

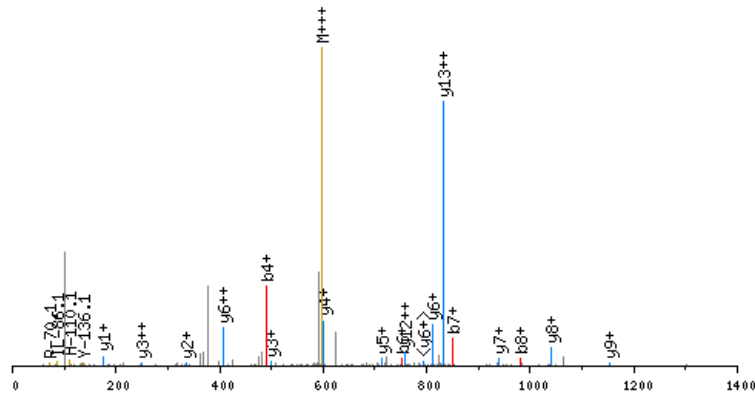
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

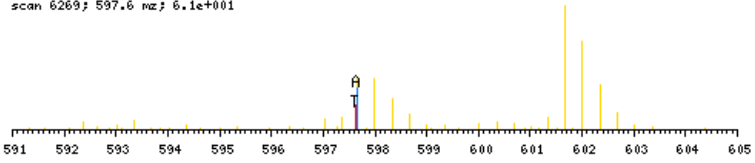
GO

scan 6272; 7.4e+000



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

scan 6269; 597.6 mz; 6.1e+001



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 OSG39 P180811 230811-s1.04000.04000.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

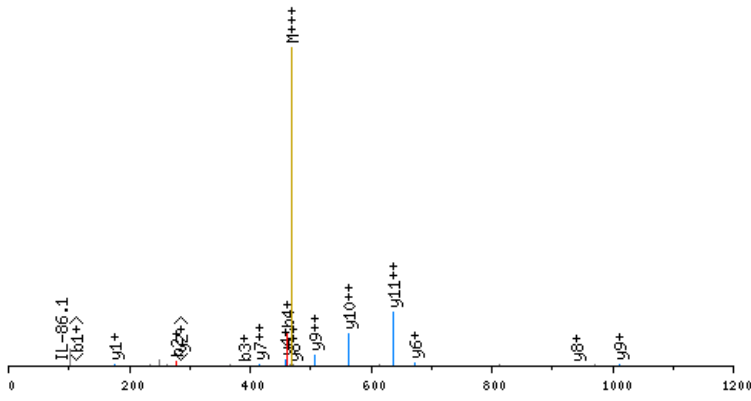
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

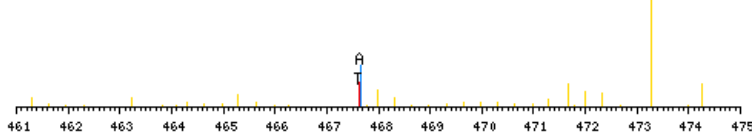
GO

scan 4000; 1.8e+001



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

scan 3996; 467.6 m/z; 4.0e+001



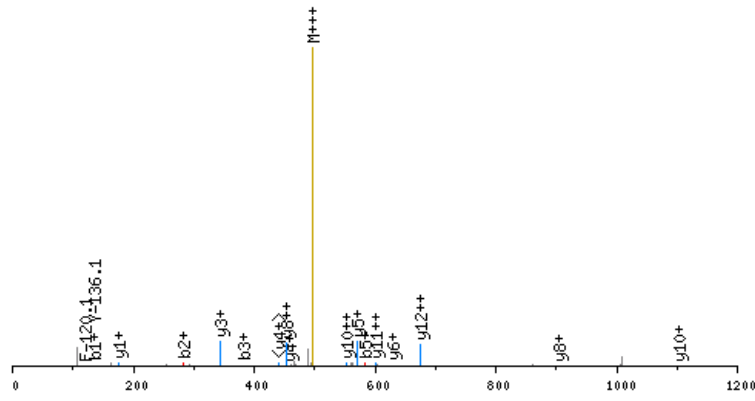
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

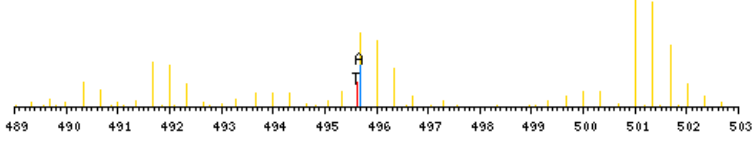
TFVAELKGLDPPAR, MH+ 1484.9113, m/z 495.6420
 H OSG39 P180811 230811-s1.05352.05352.3.dta

scan 5352; 1.5e+001



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

scan 5351; 495.6 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

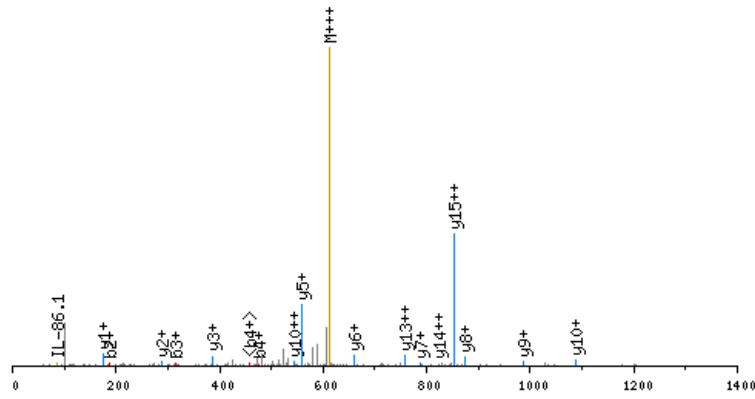
GO

b ⁺	#	AA #	y ⁺	y ²⁺
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

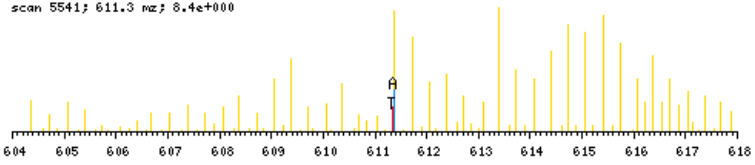
TGECKITLSQVGDVLR, MH+ 1831.9951, m/z 611.3366
 L OSG39 P180811 230811-s1.05543.05543.3.dta

scan 5543; 4.7e+000



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

scan 5541; 611.3 m/z; 8.4e+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⁺
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

TGGVDTAAVGAVFDISNADR, MH+ 1970.0043, m/z 657.3396
 H OSG37 P180811 230811-s1.08068.08068.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

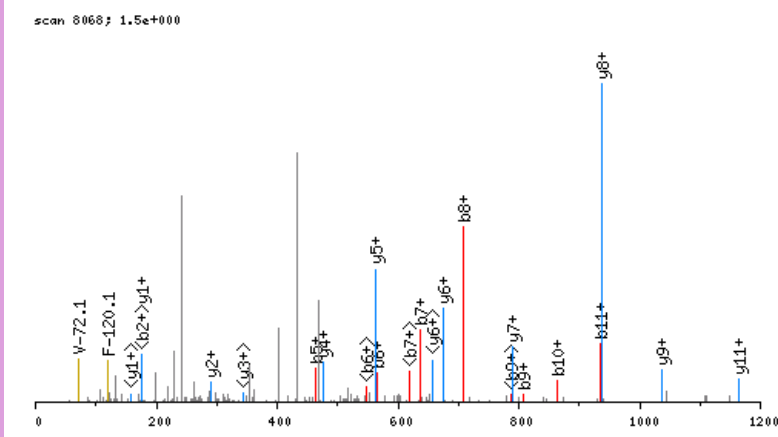
y + 2+ 3+

z + 2+ 3+

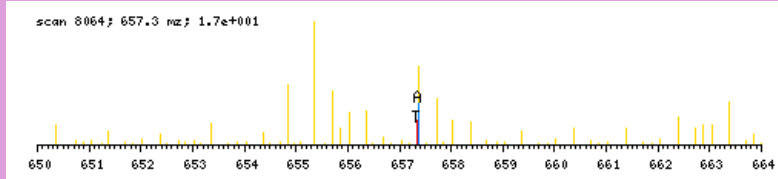
hide H₂O/NH₃

zoom 112-122

GO



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



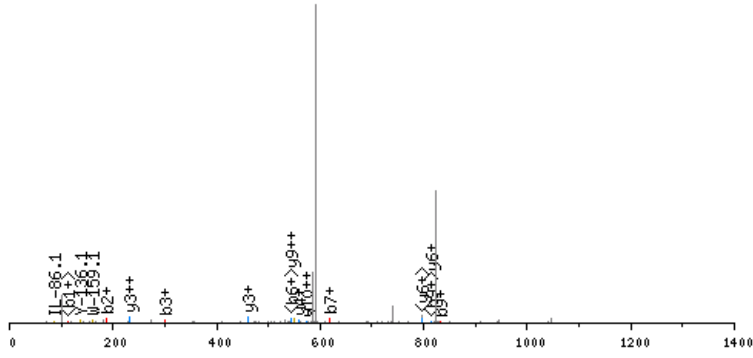
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 20		
193.1400	2	G 19	1834.8935	917.9507
250.1615	3	G 18	1777.8721	889.4399
349.2299	4	V 17	1720.8506	860.9292
464.2569	5	D 16	1621.7822	811.3950
565.3045	6	T 15	1506.7552	753.8815
636.3417	7	A 14	1405.7076	703.3577
707.3788	8	A 13	1334.6705	667.8391
806.4472	9	V 12	1263.6333	632.3206
863.4686	10	G 11	1164.5649	582.7864
934.5058	11	A 10	1107.5435	554.2756
1033.5742	12	V 9	1036.5063	518.7571
1180.6426	13	F 8	937.4379	469.2229
1295.6695	14	D 7	790.3695	395.6887
1408.7536	15	I 6	675.3426	338.1752
1495.7856	16	S 5	562.2585	281.6332
1609.8286	17	N 4	475.2265	238.1172
1680.8657	18	A 3	361.1836	181.0957
1795.8926	19	D 2	290.1464	145.5771
	20	R 1	175.1195	88.0637

N-term:+35.07

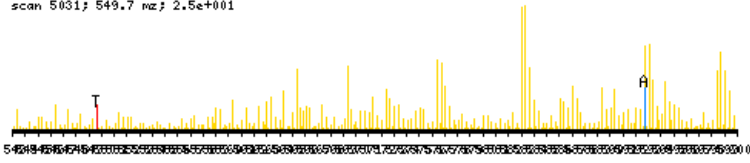
TGIGFGGLTQQVEKK, MH+ 1646.9482, m/z 549.6542
 L OSG39 P180811 230811-s1.05032.05032.3.dta

scan 5032; 8.4e+000



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

scan 5031; 549.7 mz; 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⁺
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

TGIYEALRLR, MH+ 1192.6577, m/z 596.8325
 L OSG37 P180811 230811-s1.06991.06991.2.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+

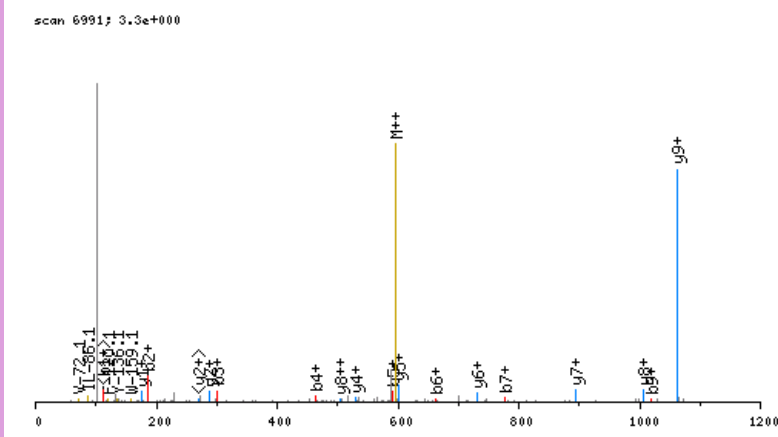
y + 2+ 3+

z + 2+ 3+

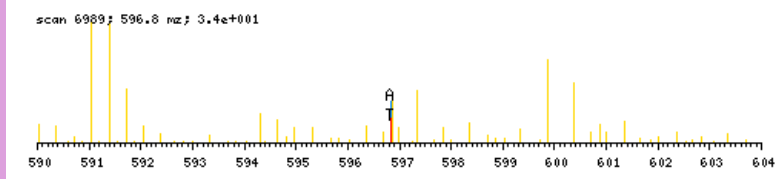
hide H₂O/NH₃

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

TGPAGPAGPIGPAGAR, MH+ 1374.7493, m/z 687.8783
 L OSG41 P180811 230811-s1.03803.03803.2.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+

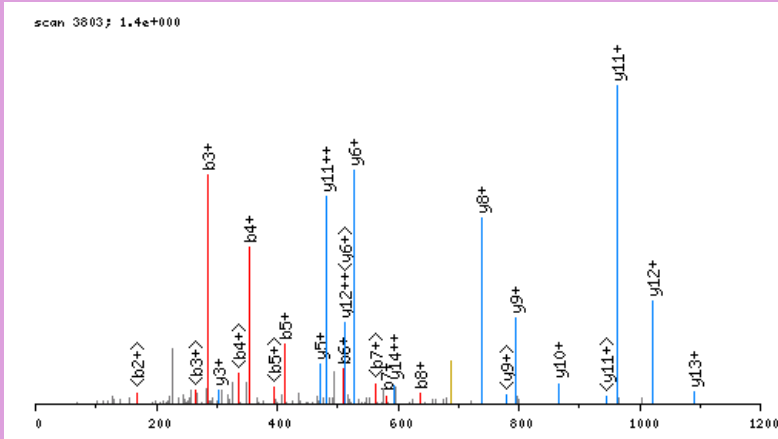
y + 2+ 3+

z + 2+ 3+

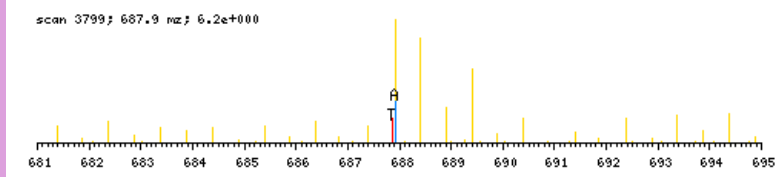
hide H₂O/NH₃

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 16		
187.1082	2	G 15	1245.6704	623.3391
284.1610	3	P 14	1188.6489	594.8284
355.1981	4	A 13	1091.5962	546.3020
412.2196	5	G 12	1020.5591	510.7834
509.2723	6	P 11	963.5376	482.2727
580.3095	7	A 10	866.4848	433.7463
637.3309	8	G 9	795.4477	398.2278
734.3837	9	P 8	738.4262	369.7170
847.4678	10	I 7	641.3735	321.1907
904.4892	11	G 6	528.2894	264.6486
1001.5420	12	P 5	471.2680	236.1379
1072.5791	13	A 4	374.2152	187.6115
1129.6006	14	G 3	303.1781	152.0930
1200.6377	15	A 2	246.1566	123.5822
	16	R 1	175.1195	88.0637

N-term:+29.04

TGPNLHGLFGR, MH+ 1202.6858, m/z 401.5668
 H OSG40 P180811 230811-s1.06302.06302.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

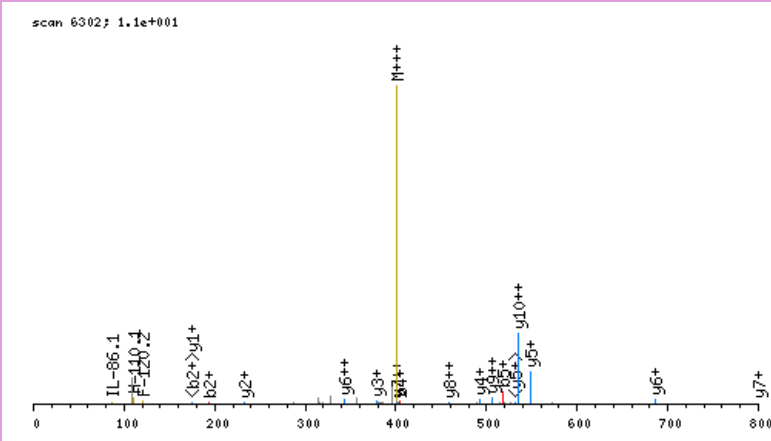
y + 2+ 3+

z + 2+ 3+

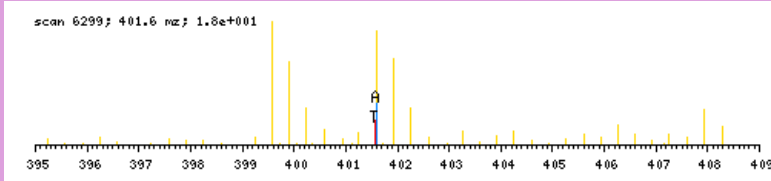
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
193.1400	2	G 10	1067.5750	534.2914
290.1928	3	P 9	1010.5536	505.7807
404.2357	4	N 8	913.5008	457.2543
517.3198	5	L 7	799.4579	400.2329
654.3787	6	H 6	686.3738	343.6908
711.4002	7	G 5	549.3149	275.1614
824.4842	8	L 4	492.2934	246.6506
971.5527	9	F 3	379.2094	190.1086
1028.5741	10	G 2	232.1410	116.5744
	11	R 1	175.1195	88.0637

N-term:+35.07

TGTAEMSSILEER, MH+ 1451.7052, m/z 726.3562
 L OSG37 P180811 230811-s1.05743.05743.2.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+

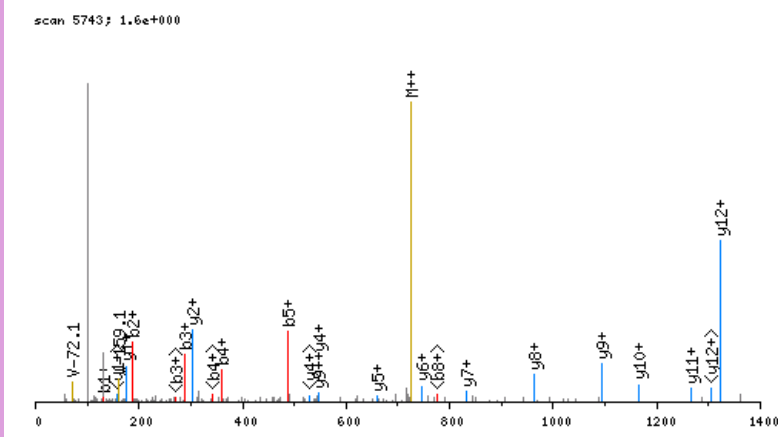
y + 2+ 3+

z + 2+ 3+

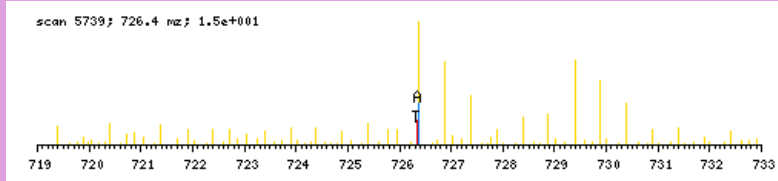
hide H₂O/NH₃

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	13	
187.1082	2	G	12	1322.6262 661.8170
288.1559	3	T	11	1265.6047 633.3063
359.1930	4	A	10	1164.5571 582.7824
488.2356	5	E	9	1093.5199 547.2639
619.2761	6	M	8	964.4774 482.7426
706.3081	7	S	7	833.4369 417.2223
793.3402	8	S	6	746.4048 373.7063
906.4242	9	I	5	659.3728 330.1903
1019.5083	10	L	4	546.2888 273.6483
1148.5509	11	E	3	433.2047 217.1063
1277.5935	12	E	2	304.1621 152.5850
	13	R	1	175.1195 88.0637

N-term:+29.04

TGTEAAAAATGVIGGIR, MH+ 1478.8391, m/z 493.6179
 H OSG37 P180811 230811-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+

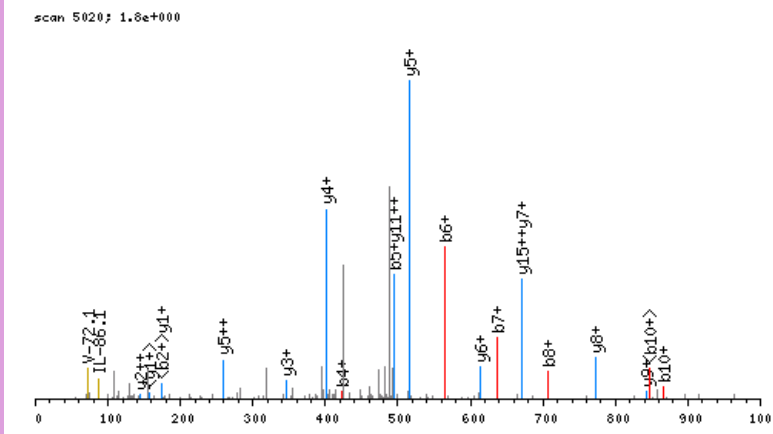
y + 2+ 3+

z + 2+ 3+

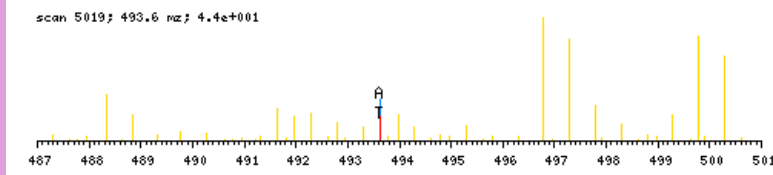
hide H₂O/NH₃

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⁺
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

THFDPSCLFPACR, MH+ 1635.7411, m/z 545.9185
 L OSG40 P180811 230811-s1.07656.07656.3.dta

scan 7656; 7.2e+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+

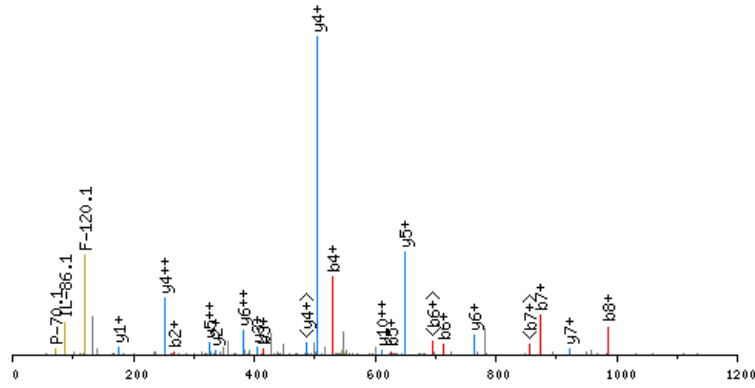
y + 2+ 3+

z + 2+ 3+

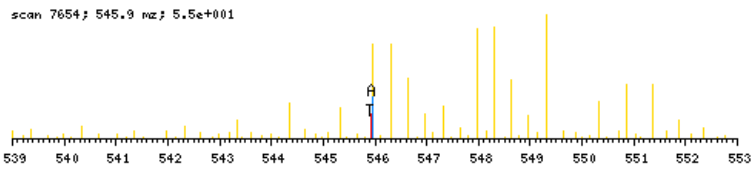
hide H₂O/NH₃

zoom 112-122

GO



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



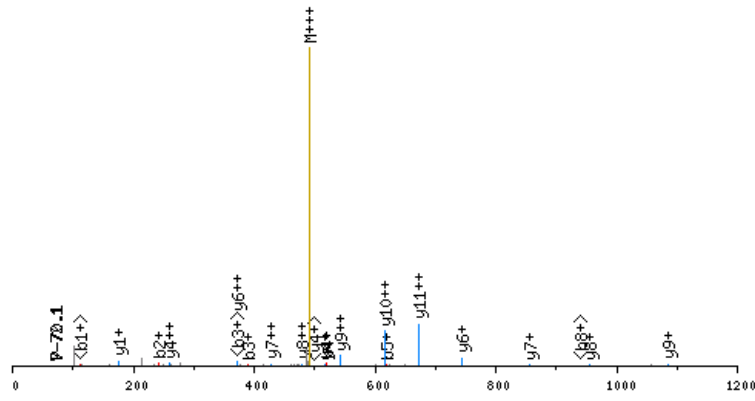
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T	13	
267.1457	2	H	12	1506.6621
414.2141	3	F	11	1369.6032
529.2410	4	D	10	1222.5348
611.7713				611.7713
626.2938	5	P	9	1107.5078
713.3258	6	S	8	1010.4551
505.7315				505.7315
873.3564	7	C	7	923.4231
462.2154				462.2154
986.4405	8	L	6	763.3925
382.2001				382.2001
1133.5089	9	F	5	650.3084
325.6581				325.6581
1230.5617	10	P	4	503.2400
252.1239				252.1239
1301.5988	11	A	3	406.1872
203.5975				203.5975
1461.6294	12	C	2	335.1501
168.0790				168.0790
	13	R	1	175.1195
88.0637				88.0637

N-term:+29.04 C(7):+160.03
 C(12):+160.03

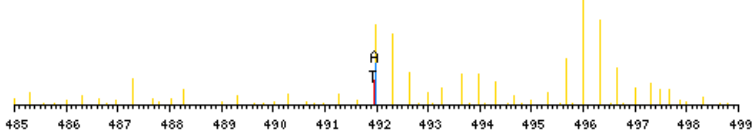
TIFEVLPEKADR, MH+ 1473.8317, m/z 491.9488
 L OSG39 P180811 230811-s1.04972.04972.3.dta

scan 4972; 1.4e+001



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

scan 4971; 491.9 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⁺
130.0868	1	T	12	
243.1708	2	I	11	1344.7528
390.2393	3	F	10	1231.6687
519.2818	4	E	9	1084.6003
618.3503	5	V	8	955.5577
731.4343	6	L	7	856.4893
828.4871	7	P	6	743.4052
957.5297	8	E	5	646.3525
1113.6560	9	K	4	517.3099
1184.6931	10	A	3	361.1836
1299.7200	11	D	2	290.1464
	12	R	1	175.1195

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

FIGSMENVEVFTSEGKGR, MH+ 2009.0650, m/z 670.3598
 H OSG39 P180811 230811-s1.05148.05148.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

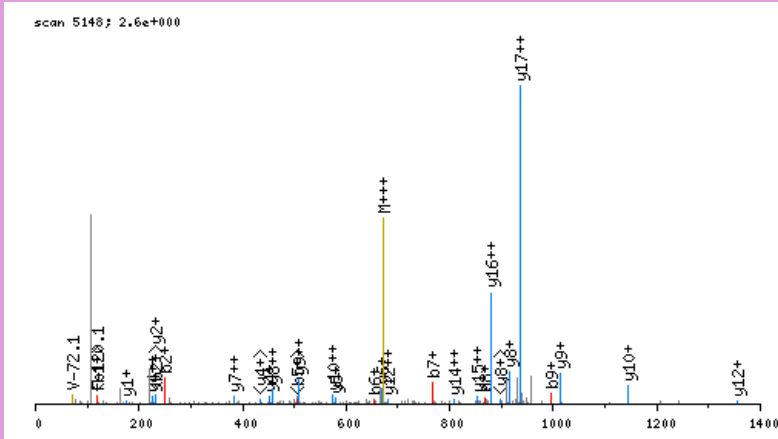
y + 2+ 3+

z + 2+ 3+

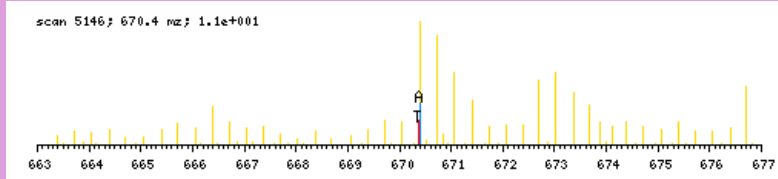
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

TIGVSNFNPLQIER, MH+ 1621.9126, m/z 541.3090
 H OSG37 P180811 230811-s1.07711.07711.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

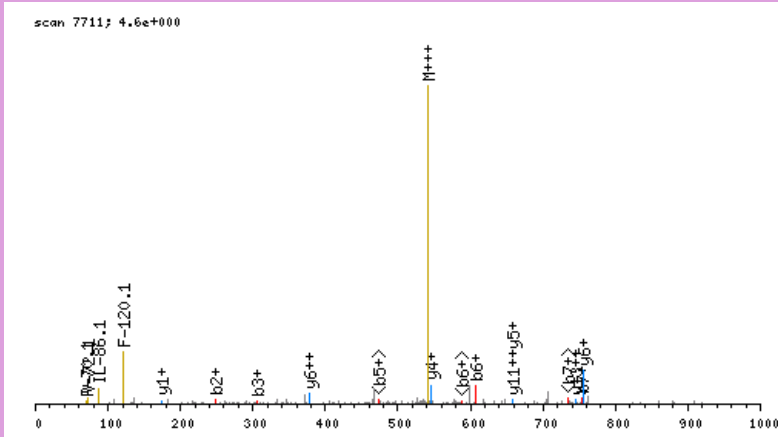
y + 2+ 3+

z + 2+ 3+

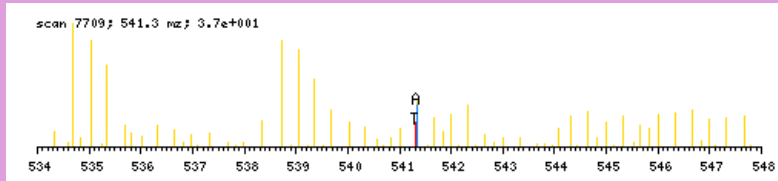
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
249.2026	2	I 13	1486.8018	743.9048
306.2241	3	G 12	1373.7177	687.3628
405.2925	4	V 11	1316.6963	658.8520
492.3245	5	S 10	1217.6279	609.3178
606.3675	6	N 9	1130.5958	565.8018
753.4359	7	F 8	1016.5529	508.7804
867.4788	8	N 7	869.4845	435.2462
964.5316	9	P 6	755.4416	378.2247
1077.6156	10	L 5	658.3888	329.6983
1205.6742	11	Q 4	545.3047	273.1563
1318.7583	12	I 3	417.2462	209.1270
1447.8009	13	E 2	304.1621	152.5850
	14	R 1	175.1195	88.0637

N-term:+35.07

TIPYQPMPASSPVICAGGQDR, MH+ 2273.1058, m/z 758.3734
 L OSG36 P180811 230811-s1.04441.04441.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

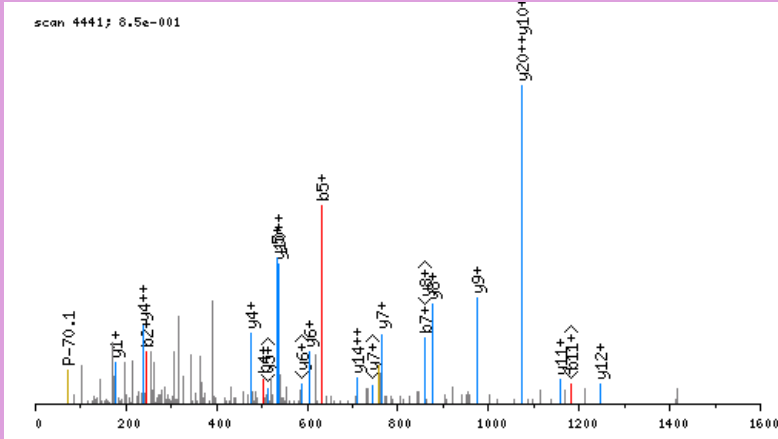
y + 2+ 3+

z + 2+ 3+

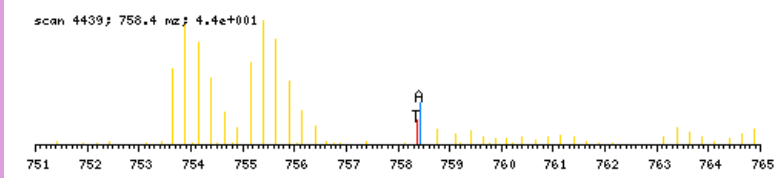
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
243.1708	2	I 20	2144.0268	1072.5173
340.2236	3	P 19	2030.9428	1015.9753
503.2869	4	Y 18	1933.8900	967.4489
631.3455	5	Q 17	1770.8267	885.9172
728.3983	6	P 16	1642.7681	821.8880
859.4388	7	M 15	1545.7153	773.3616
956.4915	8	P 14	1414.6748	707.8413
1027.5286	9	A 13	1317.6221	659.3150
1114.5607	10	S 12	1246.5850	623.7964
1201.5927	11	S 11	1159.5529	580.2804
1298.6455	12	P 10	1072.5209	536.7644
1397.7139	13	V 9	975.4681	488.2380
1510.7979	14	I 8	876.3997	438.7038
1670.8285	15	C 7	763.3157	382.1617
1741.8657	16	A 6	603.2851	302.1464
1798.8871	17	G 5	532.2479	266.6279
1855.9086	18	G 4	475.2265	238.1172
1983.9672	19	Q 3	418.2050	209.6064
2098.9941	20	D 2	290.1464	145.5771
	21	R 1	175.1195	88.0637

N-term:+29.04 C(15):+160.03

TISPLDLAKLNQVAR, MH+ 1695.0169, m/z 565.6771
 L OSG39 P180811 230811-s1.06397.06397.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

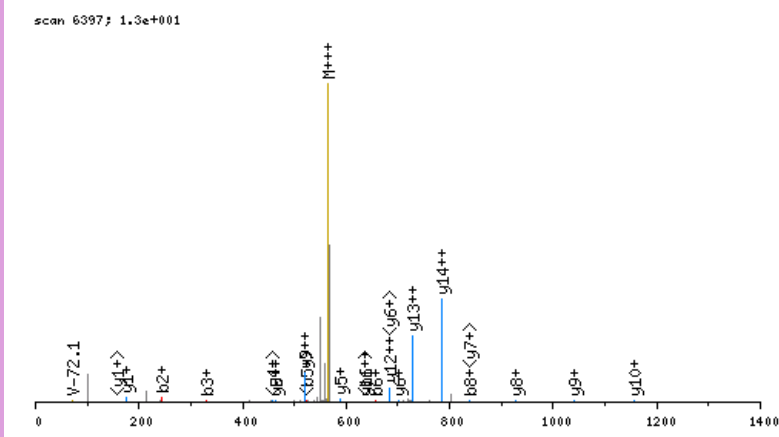
y + 2+ 3+

z + 2+ 3+

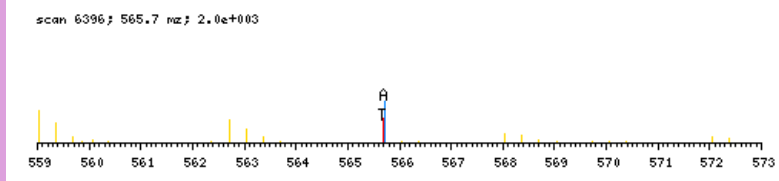
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1565.9379
330.2029	3	S	13	1452.8539
427.2556	4	P	12	1365.8218
540.3397	5	L	11	1268.7691
655.3666	6	D	10	1155.6850
768.4507	7	L	9	1040.6581
839.4878	8	A	8	927.5740
995.6141	9	K	7	856.5369
1108.6982	10	L	6	700.4106
1222.7411	11	N	5	587.3265
1350.7997	12	Q	4	473.2836
1449.8681	13	V	3	345.2250
1520.9052	14	A	2	246.1566
	15	R	1	175.1195

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

TKGVDEVTIVNLTNR, MH+ 1840.1180, m/z 614.0442
 H OSG39 P180811 230811-s1.07290.07290.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

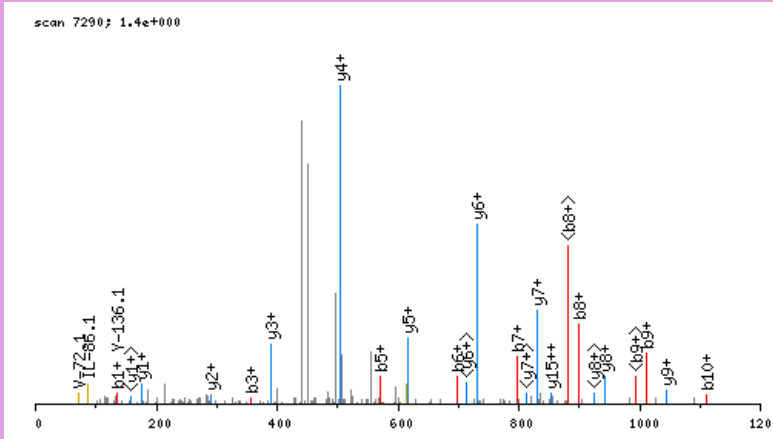
y + 2+ 3+

z + 2+ 3+

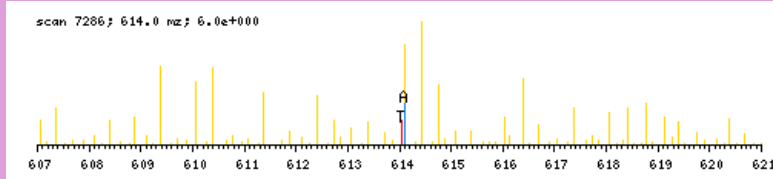
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
298.2767	2	K 15	1705.0072	853.0075
355.2981	3	G 14	1542.8491	771.9285
454.3666	4	V 13	1485.8277	743.4178
569.3935	5	D 12	1386.7593	693.8835
698.4361	6	E 11	1271.7323	636.3701
797.5045	7	V 10	1142.6897	571.8488
898.5522	8	T 9	1043.6213	522.3146
1011.6362	9	I 8	942.5736	471.7907
1110.7047	10	V 7	829.4896	415.2487
1224.7476	11	N 6	730.4212	365.7145
1337.8317	12	I 5	616.3782	308.6930
1450.9157	13	L 4	503.2942	252.1510
1551.9634	14	T 3	390.2101	195.6090
1666.0063	15	N 2	289.1624	145.0851
	16	R 1	175.1195	88.0637

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

TKVDFDFAGEEVR, MH+ 1453.7691, m/z 485.2612
 L OSG40 P180811 230811-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+

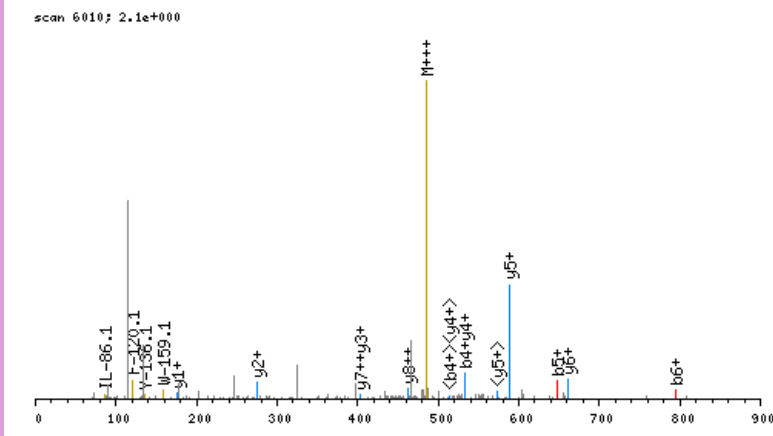
y + 2+ 3+

z + 2+ 3+

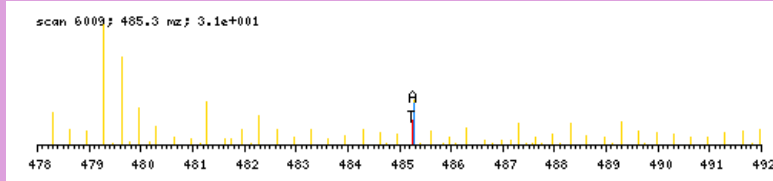
hide H₂O/NH₃

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⁺
130.0868	1	T 12		
286.2131	2	K 11	1324.6902	662.8490
385.2815	3	V 10	1168.5639	584.7858
532.3499	4	F 9	1069.4954	535.2516
647.3768	5	D 8	922.4270	461.7174
794.4453	6	F 7	807.4001	404.2040
865.4824	7	A 6	660.3317	330.6698
922.5038	8	G 5	589.2946	295.1512
1051.5464	9	E 4	532.2731	266.6405
1180.5890	10	E 3	403.2305	202.1192
1279.6574	11	V 2	274.1879	137.5979
	12	R 1	175.1195	88.0637

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

TLEIPGSSDPNIVPDGDFSSSLVR, MH+ 2443.2356, m/z 815.0834
 L OSG36 P180811 230811-s1.06091.06091.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

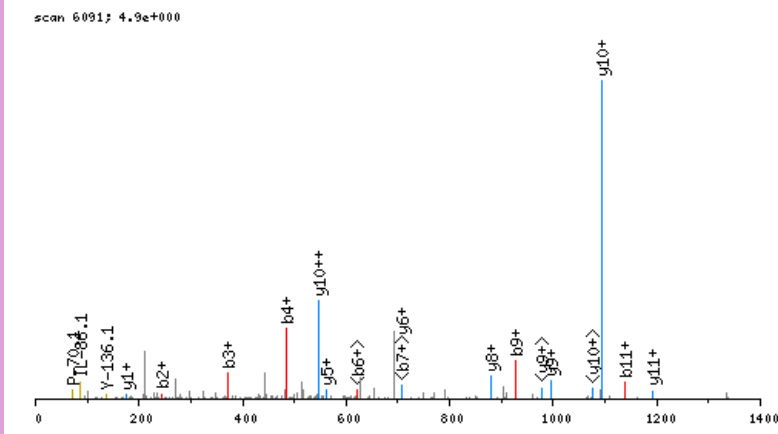
y + 2+ 3+

z + 2+ 3+

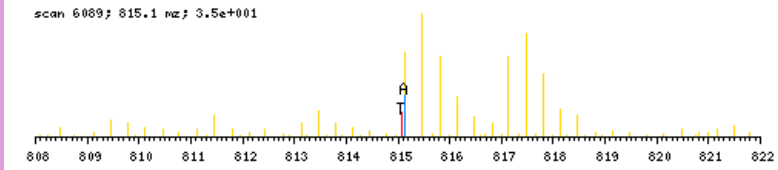
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
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

TLEQKNIAVENEVR, MH+ 1711.0026, m/z 571.0057
 H OSG39 P180811 230811-s1.03020.03020.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

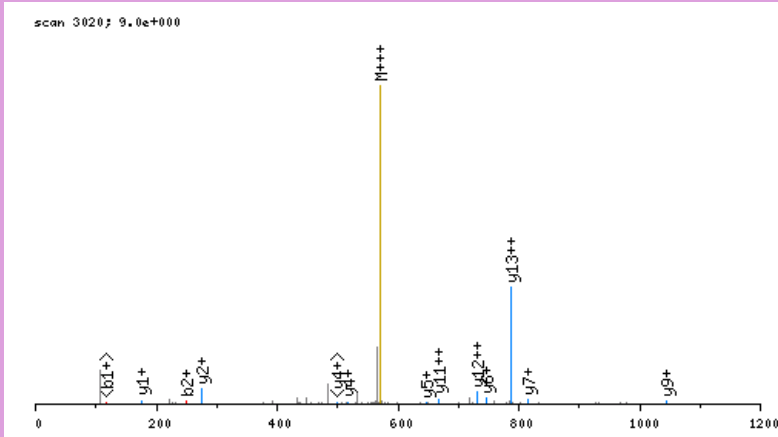
y + 2+ 3+

z + 2+ 3+

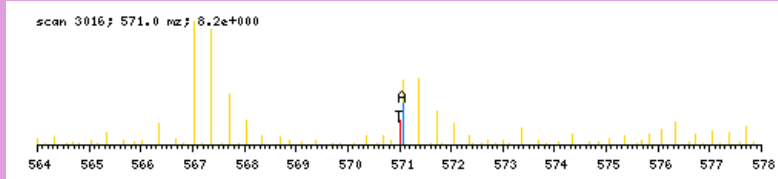
hide H₂O/NH₃

zoom 112-122

GO



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



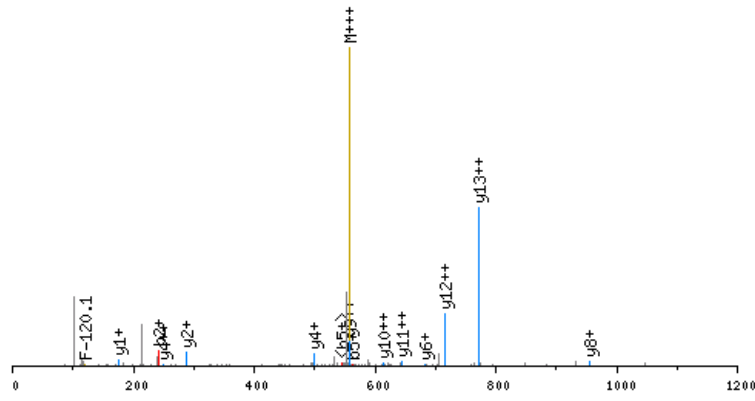
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 14		
249.2026	2	L 13	1575.8919	788.4499
378.2452	3	E 12	1462.8078	731.9078
506.3038	4	Q 11	1333.7652	667.3865
668.4619	5	K 10	1205.7066	603.3572
782.5048	6	N 9	1043.5485	522.2782
895.5889	7	I 8	929.5056	465.2567
966.6260	8	A 7	816.4216	408.7147
1065.6944	9	V 6	745.3844	373.1961
1194.7370	10	E 5	646.3160	323.6619
1308.7800	11	N 4	517.2734	259.1406
1437.8225	12	E 3	403.2305	202.1192
1536.8910	13	V 2	274.1879	137.5979
	14	R 1	175.1195	88.0637

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

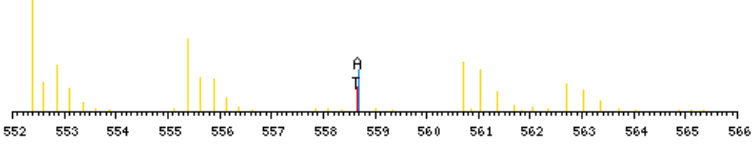
TLFGDKLCAIPNLR, MH+ 1673.9412, m/z 558.6519
 L OSG39 P180811 230811-s1.06477.06477.3.dta

scan 6477; 5.6e+000



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

scan 6476; 558.7 mz; 5.6e+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⁺
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

TLPGSLSPPEKYL, MH+ 1599.9110, m/z 533.9752
 L OSG39 P180811 230811-s1.04469.04469.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

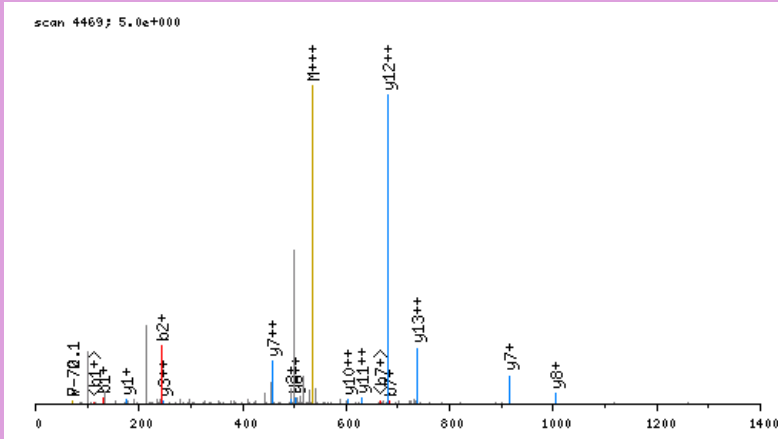
y + 2+ 3+

z + 2+ 3+

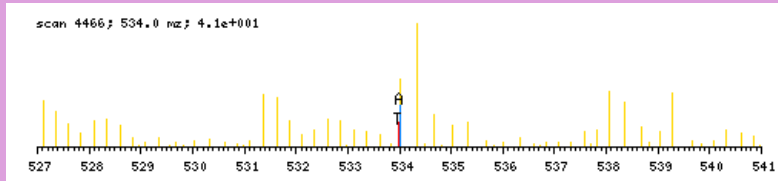
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	735.9200
340.2236	3	P 12	1357.7480	679.3779
397.2451	4	G 11	1260.6952	630.8515
484.2771	5	S 10	1203.6738	602.3408
597.3612	6	L 9	1116.6418	558.8248
684.3932	7	S 8	1003.5577	502.2828
781.4460	8	P 7	916.5257	458.7667
878.4987	9	P 6	819.4729	410.2404
977.5671	10	V 5	722.4201	361.7140
1106.6097	11	E 4	623.3517	312.1798
1262.7360	12	K 3	494.3091	247.6585
1425.7994	13	Y 2	338.1828	169.5953
	14	R 1	175.1195	88.0637

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

TLPVHFYGR, MH+ 1123.6476, m/z 375.2207
 H OSG40 P180811 230811-s1.05455.05455.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

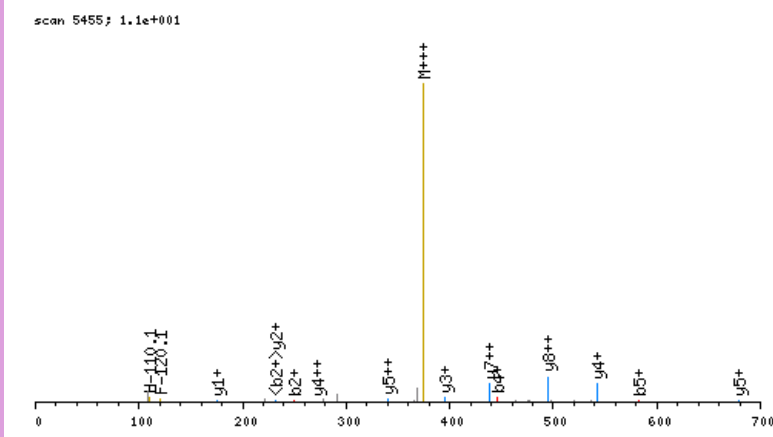
y + 2+ 3+

z + 2+ 3+

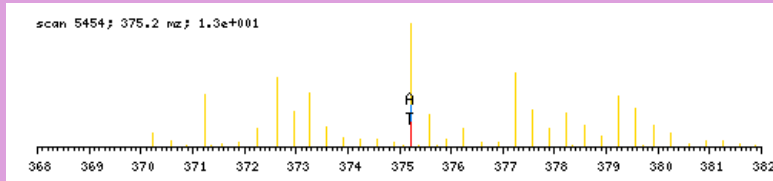
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	
249.2026	2	L	8	988.5369
346.2554	3	P	7	875.4528
445.3238	4	V	6	778.4000
582.3827	5	H	5	679.3316
729.4511	6	F	4	542.2727
892.5145	7	Y	3	395.2043
949.5359	8	G	2	232.1410
	9	R	1	175.1195

N-term:+35.07

TLVLTDPDAPSR, MH+ 1312.7112, m/z 656.8593
 L OSG37 P180811 230811-s1.04846.04846.2.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+

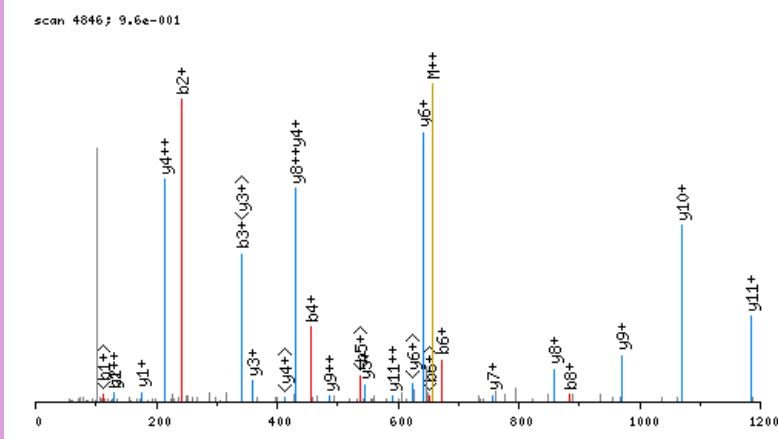
y + 2+ 3+

z + 2+ 3+

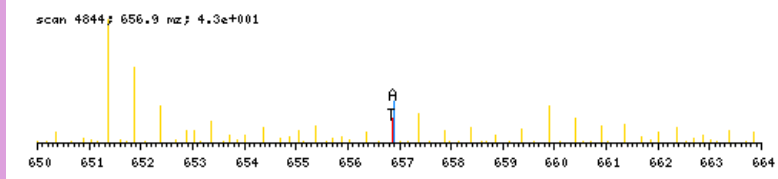
hide H₂O/NH₃

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		
243.1708	2	L 11	1183.6323	592.3201
342.2393	3	V 10	1070.5482	535.7780
455.3233	4	L 9	971.4798	486.2438
556.3710	5	T 8	858.3957	429.7018
671.3979	6	D 7	757.3481	379.1779
768.4507	7	P 6	642.3211	321.6645
883.4776	8	D 5	545.2683	273.1381
954.5148	9	A 4	430.2414	215.6246
1051.5675	10	P 3	359.2043	180.1061
1138.5996	11	S 2	262.1515	131.5797
	12	R 1	175.1195	88.0637

N-term:+29.04

TMVADTPENLR, MH+ 1280.6732, m/z 640.8403
 H OSG37 P180811 230811-s1.03926.03926.2.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+

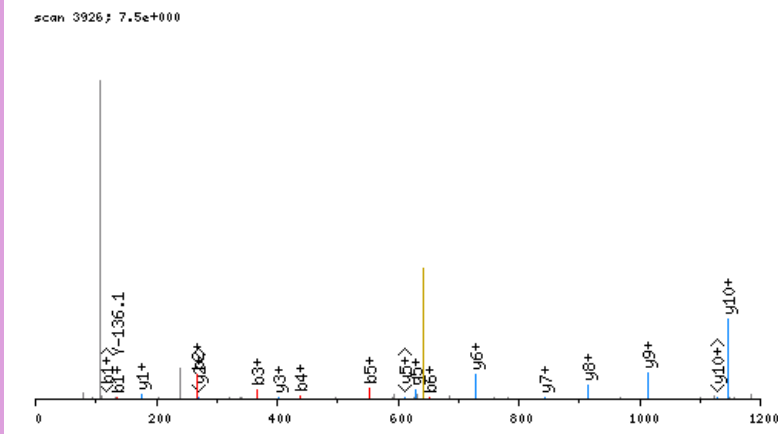
y + 2+ 3+

z + 2+ 3+

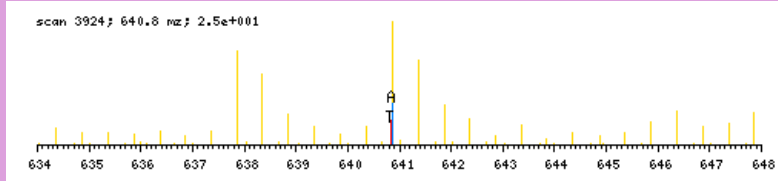
hide H₂O/NH₃

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

TNGETTQGLDGLSER, MH+ 1706.8197, m/z 569.6114
 L OSG37 P180811 230811-s1.03916.03916.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

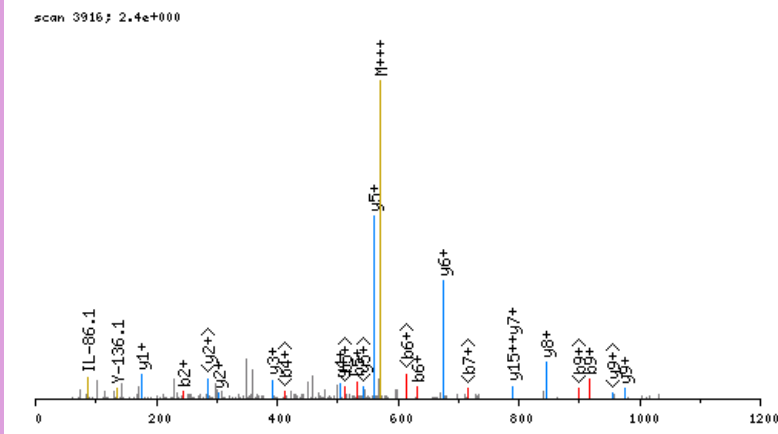
y + 2+ 3+

z + 2+ 3+

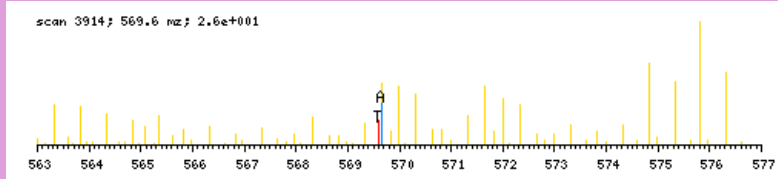
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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+ 1397.7429, m/z 699.3751
 L OSG37 P180811 230811-s1.08530.08530.2.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+

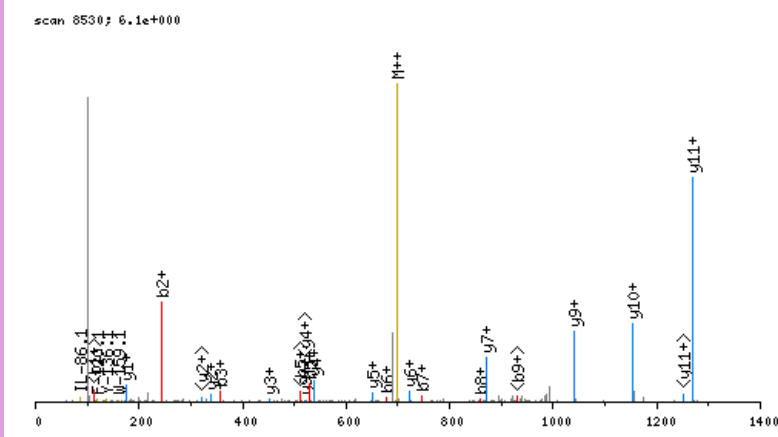
y + 2+ 3+

z + 2+ 3+

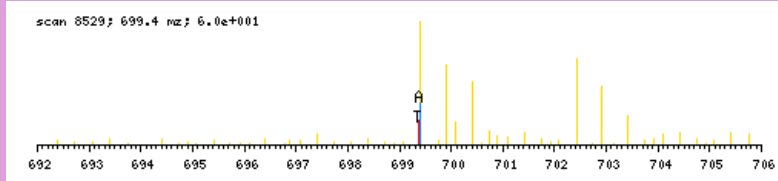
hide H₂O/NH₃

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	
244.1297	2	N	11	1268.6639
357.2138	3	L	10	1154.6210
414.2352	4	G	9	1041.5369
529.2622	5	D	8	984.5155
676.3306	6	F	7	869.4885
747.3677	7	A	6	722.4201
860.4518	8	I	5	651.3830
947.4838	9	S	4	538.2989
1060.5679	10	L	3	451.2669
1223.6312	11	Y	2	338.1828
	12	R	1	175.1195

N-term:+29.04

TNPTEVLEKR, MH+ 1254.7694, m/z 418.9280
 H OSG40 P180811 230811-s1.03708.03708.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

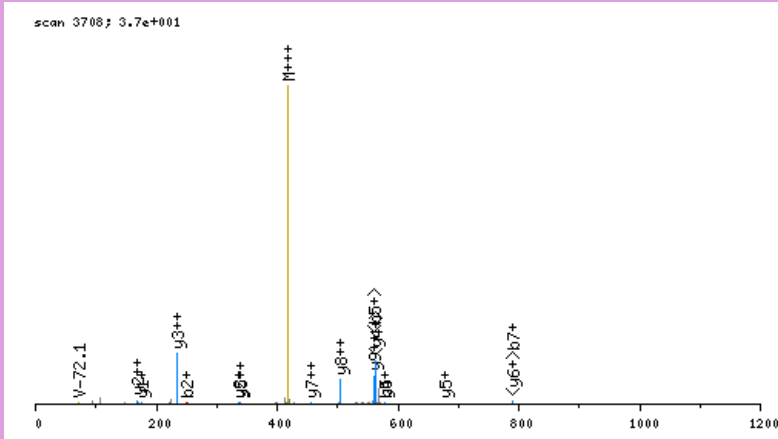
y + 2+ 3+

z + 2+ 3+

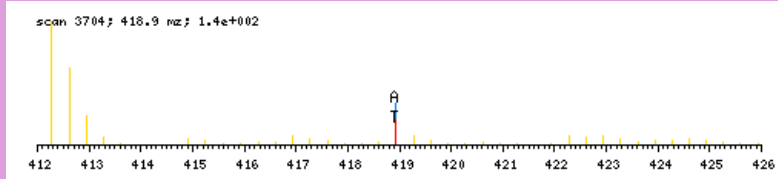
hide H₂O/NH₃

zoom 112-122

GO



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

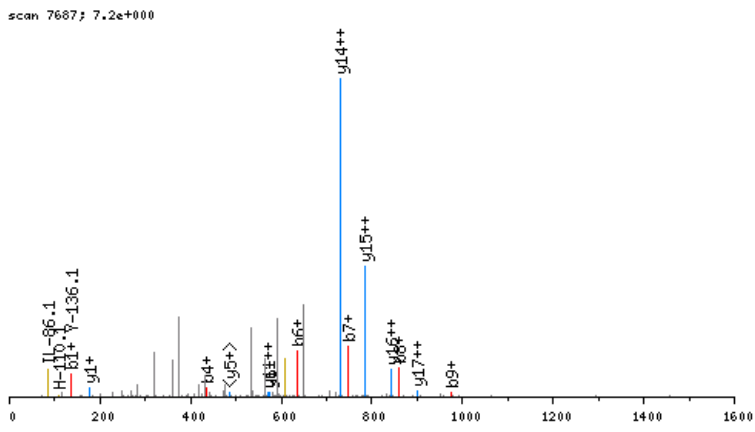


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

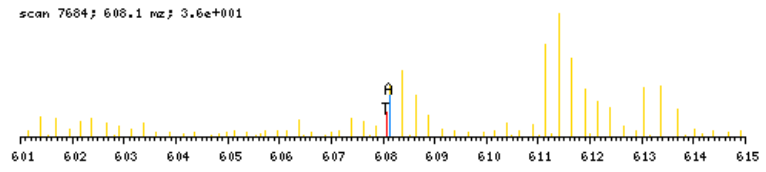
b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T	10	
250.1615	2	N	9	1119.6586
347.2143	3	P	8	1005.6157
448.2619	4	T	7	908.5629
577.3045	5	E	6	807.5153
676.3730	6	V	5	678.4727
789.4570	7	L	4	579.4043
918.4996	8	E	3	466.3202
1080.6577	9	K	2	337.2776
	10	R	1	175.1195

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

TPAMAQILLLLSSACLHAGNSAR, MH+ 2429.3220, m/z 608.0860
 H OSG40 P180811 230811-s1.07687.07687.4.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	23		
233.1713	2	P	22	2294.2113	1147.6095
304.2085	3	A	21	2197.1585	1099.0832
435.2489	4	M	20	2126.1214	1063.5646
506.2861	5	A	19	1995.0809	998.0444
634.3446	6	Q	18	1924.0438	962.5258
747.4287	7	I	17	1795.9852	898.4965
860.5128	8	L	16	1682.9012	841.9545
973.5968	9	L	15	1569.8171	785.4125
1086.6809	10	L	14	1456.7330	728.8704
1199.7650	11	L	13	1343.6490	672.3284
1286.7970	12	S	12	1230.5649	615.7864
1373.8290	13	S	11	1143.5329	572.2703
1444.8661	14	A	10	1056.5008	528.7543
1604.8967	15	C	9	985.4637	493.2358
1717.9808	16	L	8	825.4331	413.2205
1855.0397	17	H	7	712.3491	356.6784
1926.0768	18	A	6	575.2901	288.1490
1983.0983	19	G	5	504.2530	252.6304
2097.1412	20	N	4	447.2316	224.1197
2184.1732	21	S	3	333.1886	167.0982
2255.2103	22	A	2	246.1566	123.5822
	23	R	1	175.1195	88.0637

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

TPGVAADLSHIETR, MH+ 1494.7916, m/z 498.9354
 L OSG40 P180811 230811-s1.05192.05192.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

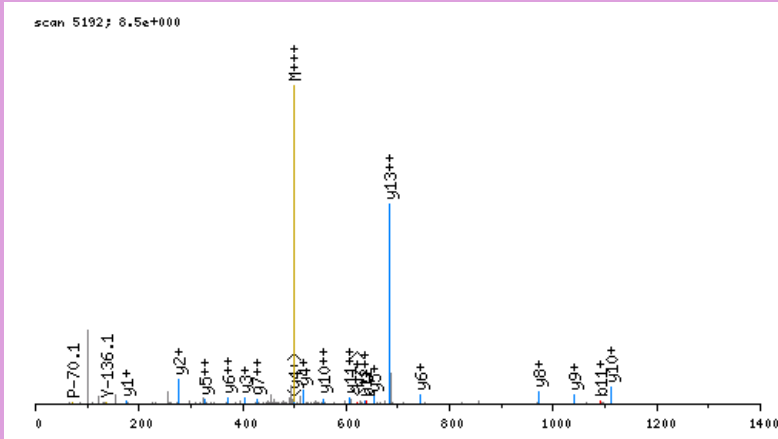
y + 2+ 3+

z + 2+ 3+

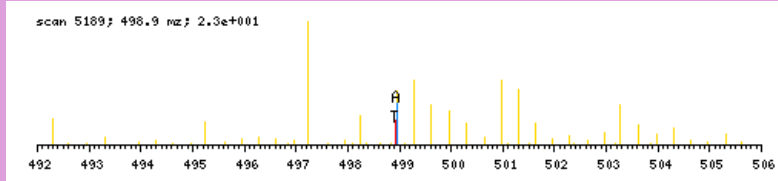
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
284.1610	3	G	12	1268.6599
383.2294	4	V	11	1211.6384
454.2665	5	A	10	1112.5700
525.3036	6	A	9	1041.5329
640.3306	7	D	8	970.4958
753.4147	8	L	7	855.4688
840.4467	9	S	6	742.3848
977.5056	10	H	5	655.3527
1090.5897	11	I	4	518.2938
1219.6323	12	E	3	405.2098
1320.6799	13	T	2	276.1672
	14	R	1	175.1195

N-term:+29.04

TPSALAIMENANVLAR, MH+ 1698.9212, m/z 566.9786
 L OSG37 P180811 230811-s1.08483.08483.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

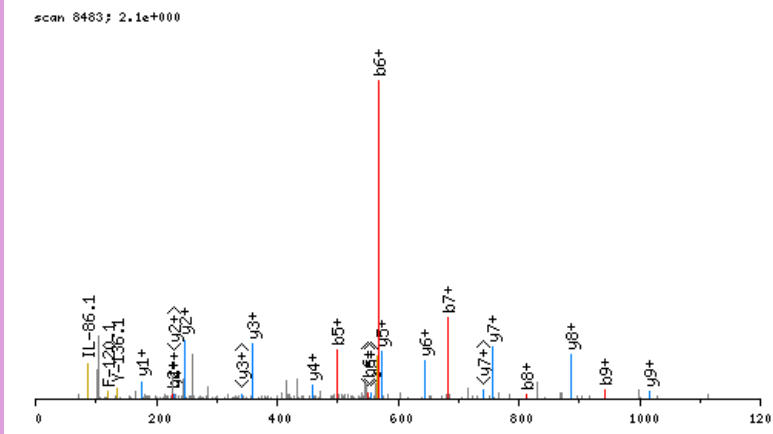
y + 2+ 3+

z + 2+ 3+

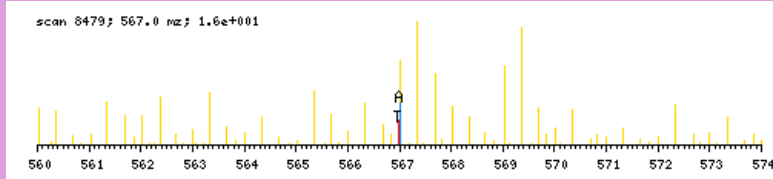
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
227.1395	2	P 15	1569.8423	785.4251
314.1716	3	S 14	1472.7895	736.8987
385.2087	4	A 13	1385.7575	693.3827
498.2927	5	L 12	1314.7204	657.8641
569.3299	6	A 11	1201.6363	601.3221
682.4139	7	I 10	1130.5992	565.8035
813.4544	8	M 9	1017.5151	509.2615
942.4970	9	E 8	886.4747	443.7412
1056.5399	10	N 7	757.4321	379.2199
1127.5770	11	A 6	643.3891	322.1985
1241.6200	12	N 5	572.3520	286.6799
1340.6884	13	V 4	458.3091	229.6585
1453.7725	14	L 3	359.2407	180.1243
1524.8096	15	A 2	246.1566	123.5822
	16	R 1	175.1195	88.0637

N-term:+29.04

TPSVDHGFLVTR, MH+ 1356.7275, m/z 452.9140
 L OSG40 P180811 230811-s1.04946.04946.3.dta

scan 4946; 7.5e+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+

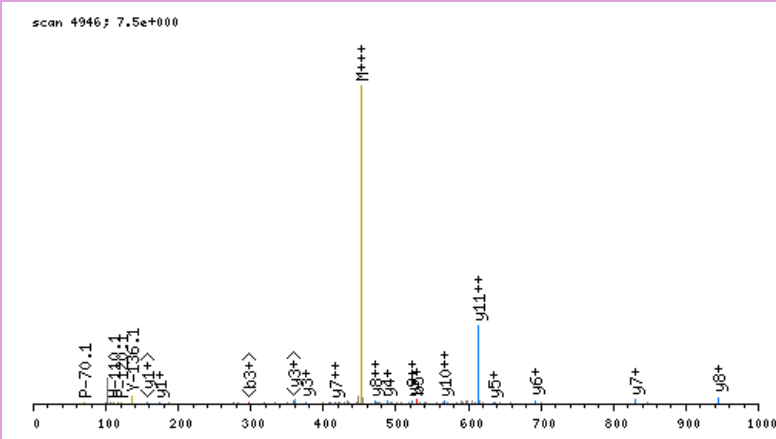
y + 2+ 3+

z + 2+ 3+

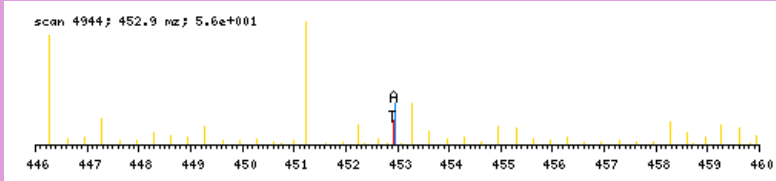
hide H₂O/NH₃

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⁺
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

TQAYPDQKPGTSGLR, MH+ 1686.9451, m/z 562.9866
H OSG39 P180811 230811-s1.02404.02404.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

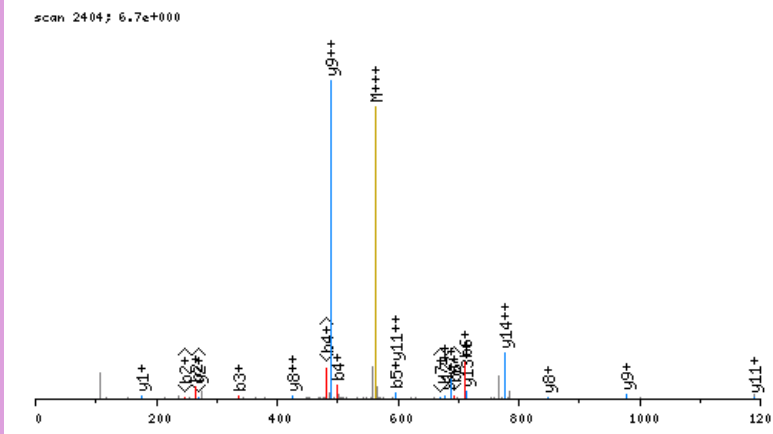
y + 2+ 3+

z + 2+ 3+

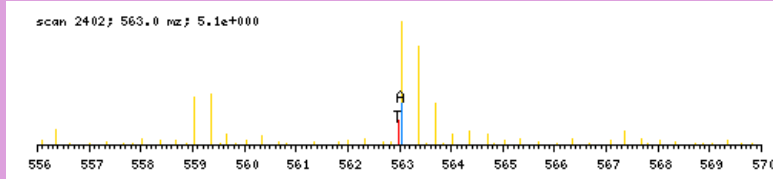
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
264.1772	2	Q	14	1551.8344	776.4211
335.2143	3	A	13	1423.7758	712.3918
498.2776	4	Y	12	1352.7387	676.8733
595.3304	5	P	11	1189.6753	595.3416
710.3573	6	D	10	1092.6226	546.8152
838.4159	7	Q	9	977.5956	489.3017
1000.5740	8	K	8	849.5371	425.2724
1097.6267	9	P	7	687.3790	344.1934
1154.6482	10	G	6	590.3262	295.6670
1255.6959	11	T	5	533.3047	267.1563
1342.7279	12	S	4	432.2571	216.6324
1399.7494	13	G	3	345.2250	173.1164
1512.8334	14	L	2	288.2036	144.6057
	15	R	1	175.1195	88.0637

N-term:+35.07 K(8):+162.16

TQKAPQVSTPTLVEAAR, MH+ 1865.1132, m/z 622.3759
H OSG39 P180811 230811-s1.03502.03502.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

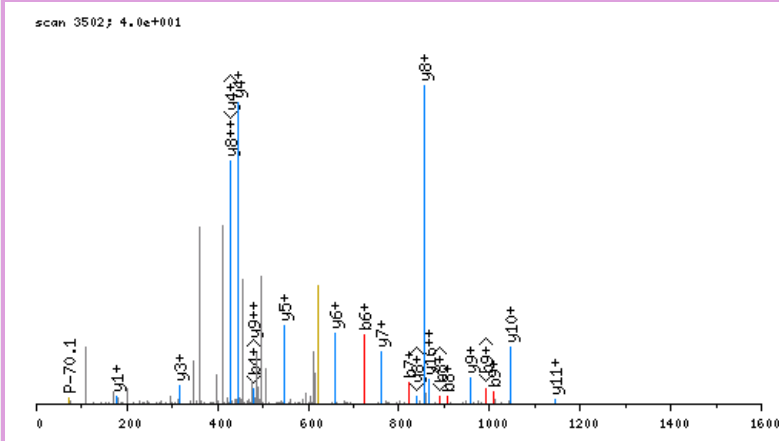
y + 2+ 3+

z + 2+ 3+

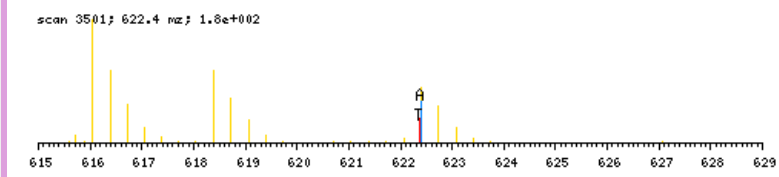
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	17		
264.1772	2	Q	16	1730.0025	865.5052
426.3353	3	K	15	1601.9439	801.4759
497.3724	4	A	14	1439.7858	720.3968
594.4251	5	P	13	1368.7487	684.8783
722.4837	6	Q	12	1271.6959	636.3519
821.5521	7	V	11	1143.6374	572.3226
908.5842	8	S	10	1044.5689	522.7884
1009.6318	9	T	9	957.5369	479.2724
1106.6846	10	P	8	856.4892	428.7485
1207.7323	11	T	7	759.4365	380.2222
1320.8163	12	L	6	658.3888	329.6983
1419.8848	13	V	5	545.3047	273.1563
1548.9273	14	E	4	446.2363	223.6221
1619.9645	15	A	3	317.1937	159.1008
1691.0016	16	A	2	246.1566	123.5822
	17	R	1	175.1195	88.0637

N-term:+35.07 K(3):+162.16

TQKFSNEEIAMATVTALR, MH+ 2078.1592, m/z 693.3913
 H OSG39 P180811 230811-s1.06057.06057.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

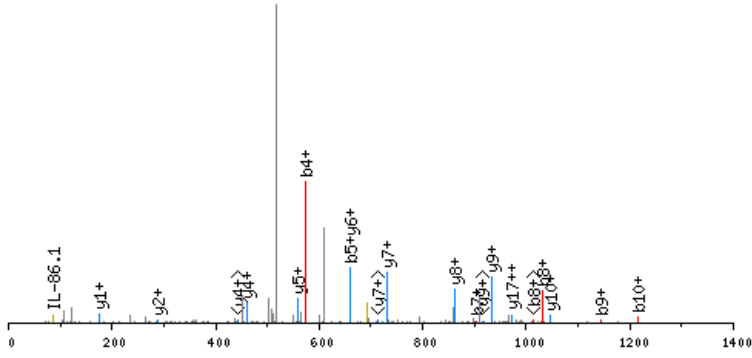
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

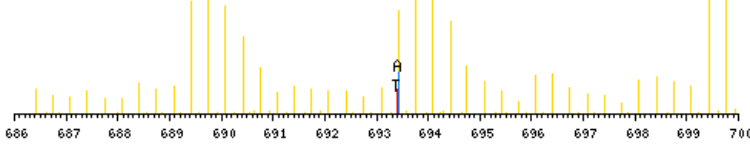
GO

scan 6057; 8.1e+000



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

scan 6056; 693.4 m/z; 2.1e+001



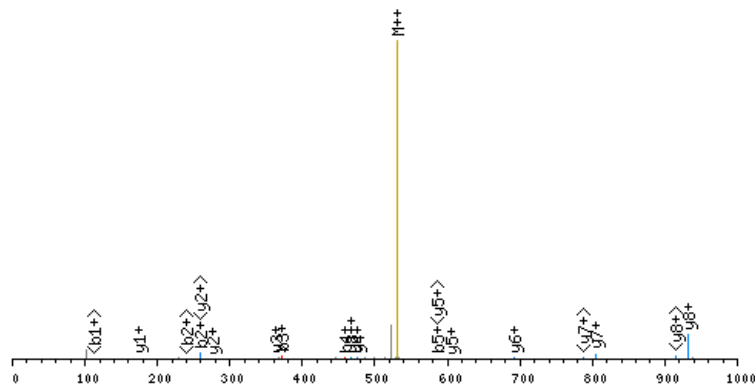
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

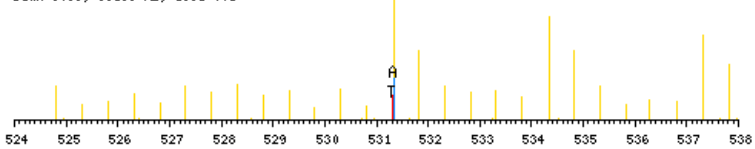
TQLSQLSTR, MH+ 1061.5955, m/z 531.3014
 L OSG38 P180811 230811-s1.03061.03061.2.dta

scan 3061; 1.5e+001



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

scan 3059; 531.3 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⁺
130.0868	1	T	9	
258.1454	2	Q	8	932.5165 466.7622
371.2294	3	L	7	804.4579 402.7329
458.2614	4	S	6	691.3739 346.1909
586.3200	5	Q	5	604.3418 302.6748
699.4041	6	L	4	476.2833 238.6455
786.4361	7	S	3	363.1992 182.1035
887.4838	8	T	2	276.1672 138.5875
	9	R	1	175.1195 88.0637

N-term:+29.04

TQVEGDEEAALLER, MH+ 1587.7866, m/z 794.3969
 L OSG37 P180811 230811-s1.05136.05136.2.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+

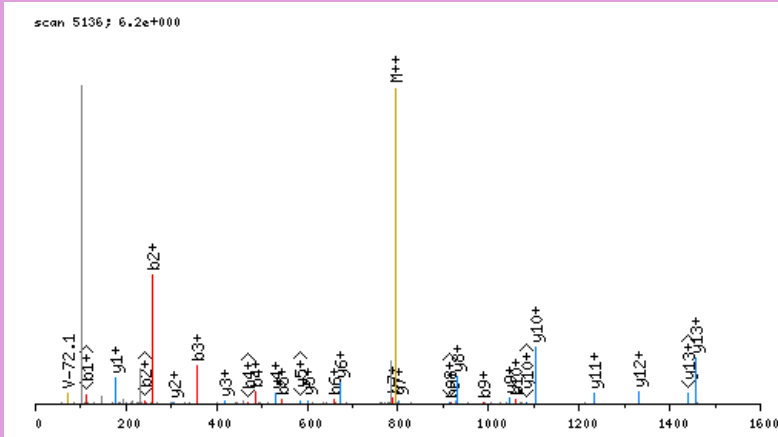
y + 2+ 3+

z + 2+ 3+

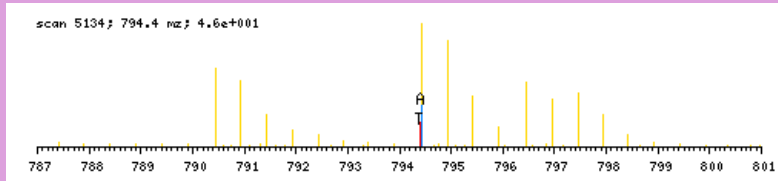
hide H₂O/NH₃

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	14		
258.1454	2	Q	13	1458.7076	729.8577
357.2138	3	V	12	1330.6490	665.8284
486.2564	4	E	11	1231.5806	616.2942
543.2778	5	G	10	1102.5380	551.7729
658.3048	6	D	9	1045.5166	523.2622
787.3474	7	E	8	930.4896	465.7487
916.3900	8	E	7	801.4470	401.2274
987.4271	9	A	6	672.4044	336.7061
1058.4642	10	A	5	601.3673	301.1876
1171.5482	11	L	4	530.3302	265.6690
1284.6323	12	L	3	417.2462	209.1270
1413.6749	13	E	2	304.1621	152.5850
	14	R	1	175.1195	88.0637

N-term:+29.04

TSCISTPAQVTCNR, MH+ 1622.7629, m/z 541.5925
 L OSG37 P180811 230811-s1.03213.03213.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

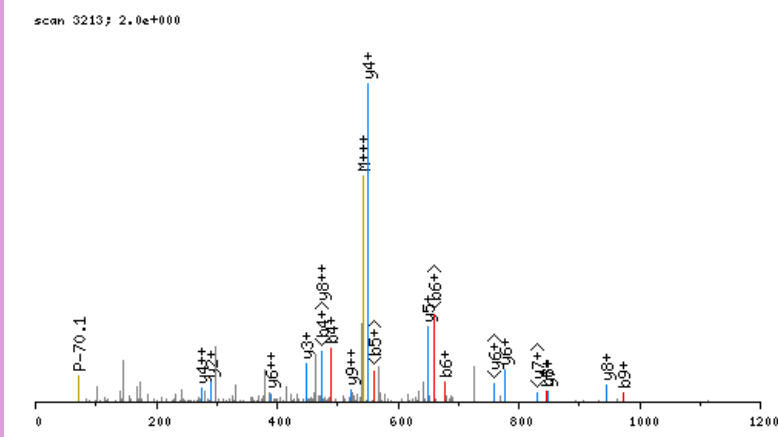
y + 2+ 3+

z + 2+ 3+

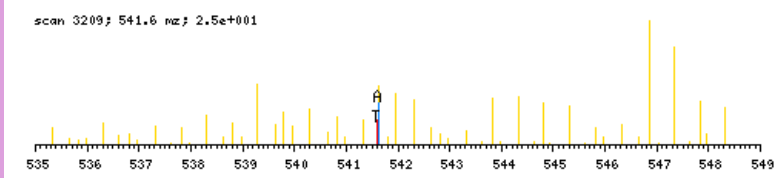
hide H₂O/NH₃

zoom 112-122

GO



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



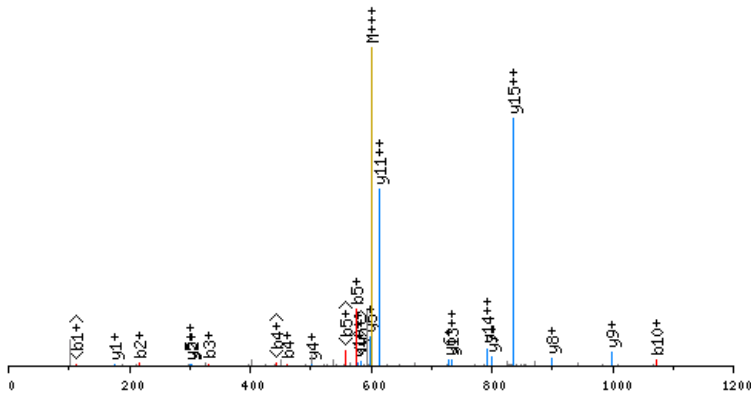
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 14		
217.1188	2	S 13	1493.6840	747.3459
377.1494	3	C 12	1406.6519	703.8299
490.2335	4	I 11	1246.6213	623.8146
577.2655	5	S 10	1133.5373	567.2726
678.3132	6	T 9	1046.5053	523.7565
775.3659	7	P 8	945.4576	473.2327
846.4031	8	A 7	848.4048	424.7063
974.4616	9	Q 6	777.3677	389.1878
1073.5300	10	V 5	649.3091	325.1585
1174.5777	11	T 4	550.2407	275.6243
1334.6083	12	C 3	449.1930	225.1004
1448.6513	13	N 2	289.1624	145.0851
	14	R 1	175.1195	88.0637

N-term:+29.04 C(3):+160.03
 C(12):+160.03

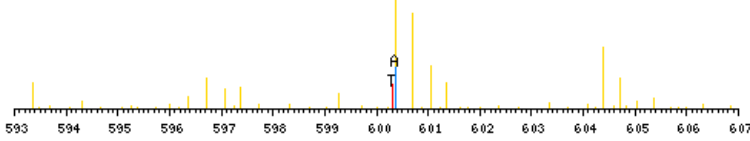
TSDQDAKVVVAEPQAQR, MH+ 1798.9299, m/z 600.3148
 L OSG39 P180811 230811-s1.02220.02220.3.dta

scan 2220; 7.1e+000



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

scan 2217; 600.3 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⁺
130.0868	1	T	16		
217.1188	2	S	15	1669.8510	835.4294
332.1458	3	D	14	1582.8189	791.9134
460.2043	4	Q	13	1467.7920	734.3999
575.2313	5	D	12	1339.7334	670.3706
646.2684	6	A	11	1224.7065	612.8572
802.3947	7	K	10	1153.6694	577.3386
901.4631	8	V	9	997.5431	499.2754
1000.5315	9	V	8	898.4747	449.7412
1071.5686	10	A	7	799.4062	400.2070
1200.6112	11	E	6	728.3691	364.6885
1297.6640	12	P	5	599.3265	300.1672
1425.7226	13	Q	4	502.2738	251.6408
1496.7597	14	A	3	374.2152	187.6115
1624.8183	15	Q	2	303.1781	152.0930
	16	R	1	175.1195	88.0637

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

TSGGHPLEFLR, MH+ 1241.6642, m/z 414.5596
 L OSG40 P180811 230811-s1.05141.05141.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

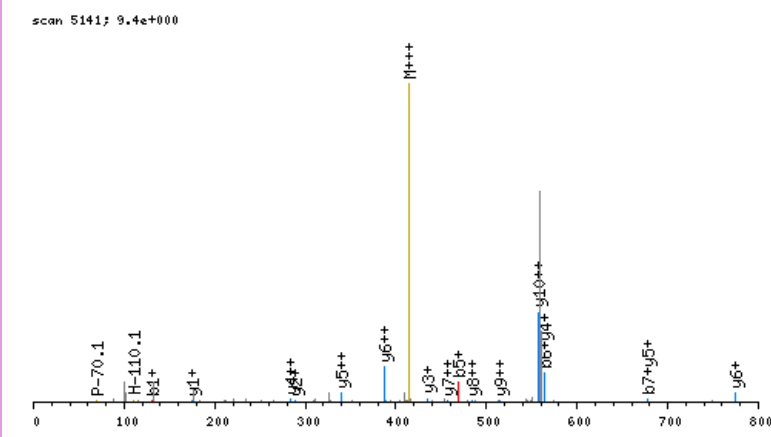
y + 2+ 3+

z + 2+ 3+

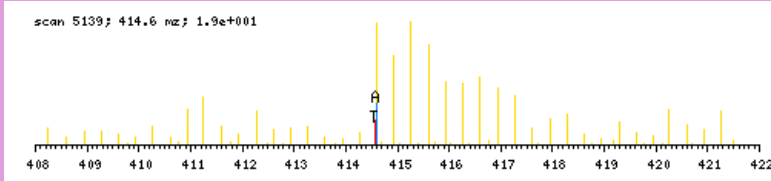
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	
217.1188	2	S	10	556.7965
274.1403	3	G	9	513.2805
331.1617	4	G	8	484.7698
468.2206	5	H	7	456.2591
565.2734	6	P	6	387.7296
678.3575	7	L	5	339.2032
807.4001	8	E	4	282.6612
954.4685	9	F	3	218.1399
1067.5525	10	L	2	144.6057
	11	R	1	88.0637

N-term:+29.04

TSLAIDTIINQKR, MH+ 1540.9699, m/z 514.3281
 H OSG39 P180811 230811-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+

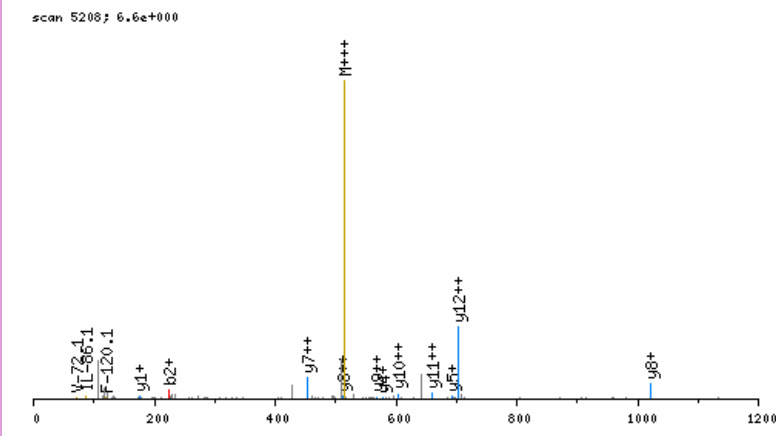
y + 2+ 3+

z + 2+ 3+

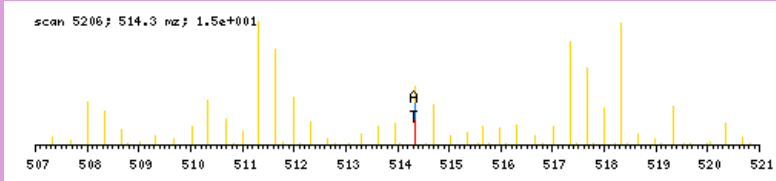
hide H₂O/NH₃

zoom 112-122

GO



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



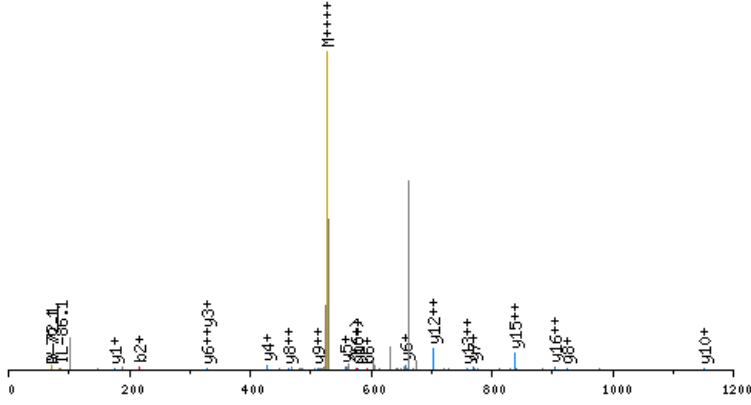
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T	13	
223.1506	2	S	12	1405.8591
336.2347	3	I	11	1318.8271
407.2718	4	A	10	1205.7430
520.3558	5	I	9	1134.7059
635.3828	6	D	8	1021.6219
736.4305	7	T	7	906.5949
849.5145	8	I	6	805.5472
962.5986	9	I	5	692.4632
1076.6415	10	N	4	579.3791
1204.7001	11	Q	3	465.3362
1366.8582	12	K	2	337.2776
	13	R	1	175.1195

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

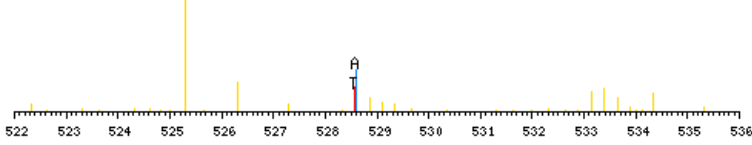
TSSMGLPKQVKIVEVGPR, MH+ 2111.2263, m/z 528.5620
 L OSG40 P180811 230811-s1.05791.05791.4.dta

scan 5791; 1.2e+001



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

scan 5789; 528.6 mz; 1.3e+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	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 OSG37 P180811 230811-s1.02971.02971.2.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+

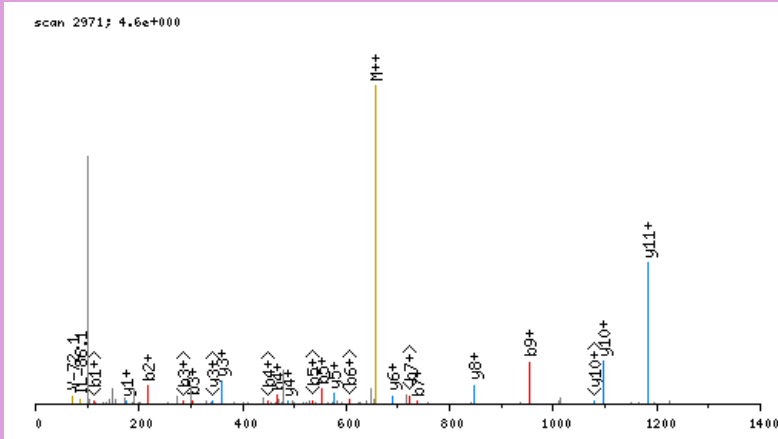
y + 2+ 3+

z + 2+ 3+

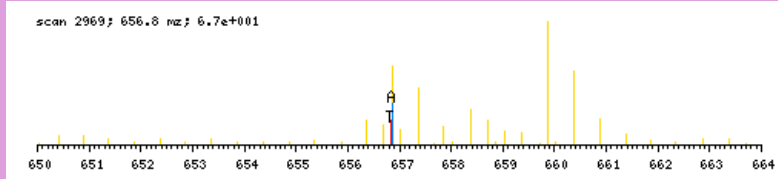
hide H₂O/NH₃

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		
217.1188	2	S 11	1183.5595	592.2837
304.1508	3	S 10	1096.5275	548.7677
467.2142	4	Y 9	1009.4954	505.2516
554.2462	5	S 8	846.4321	423.7200
625.2833	6	A 7	759.4001	380.2040
738.3674	7	L 6	688.3630	344.6854
825.3994	8	S 5	575.2789	288.1434
954.4420	9	E 4	488.2469	244.6274
1051.4948	10	P 3	359.2043	180.1061
1138.5268	11	S 2	262.1515	131.5797
	12	R 1	175.1195	88.0637

N-term:+29.04

TFNVQDGPDFQDR, MH+ 1667.7665, m/z 556.5937
 L OSG37 P180811 230811-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+

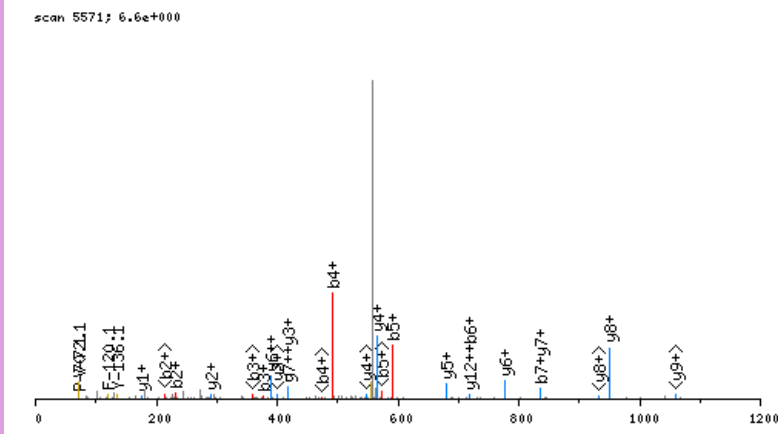
y + 2+ 3+

z + 2+ 3+

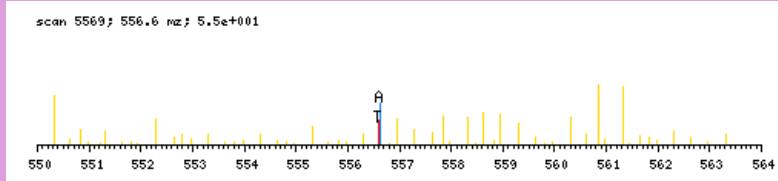
hide H₂O/NH₃

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⁺
130.0868	1	T	14		
231.1345	2	T	13	1538.6876	769.8477
378.2029	3	F	12	1437.6399	719.3239
492.2458	4	N	11	1290.5715	645.7896
591.3142	5	V	10	1176.5285	588.7682
719.3728	6	Q	9	1077.4601	539.2340
834.3997	7	D	8	949.4015	475.2047
891.4212	8	G	7	834.3746	417.6912
988.4740	9	P	6	777.3531	389.1805
1103.5009	10	D	5	680.3004	340.6541
1250.5693	11	F	4	565.2734	283.1406
1378.6279	12	Q	3	418.2050	209.6064
1493.6548	13	D	2	290.1464	145.5771
	14	R	1	175.1195	88.0637

N-term:+29.04

TTIAGVVYKDGIVLGADTR, MH+ 2017.1970, m/z 673.0705
 H OSG39 P180811 230811-s1.06193.06193.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

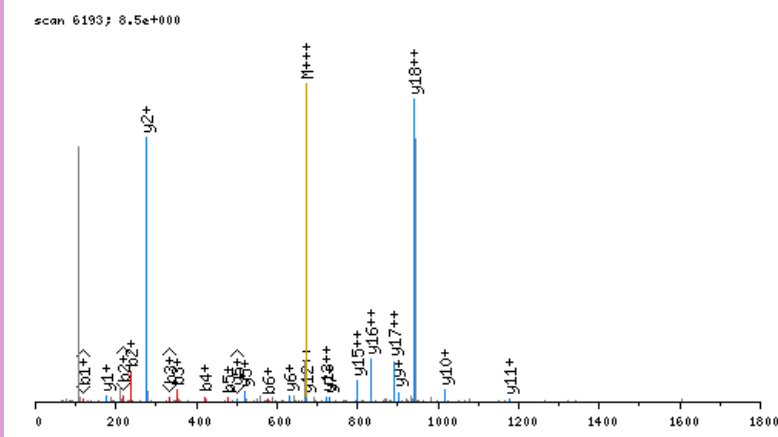
y + 2+ 3+

z + 2+ 3+

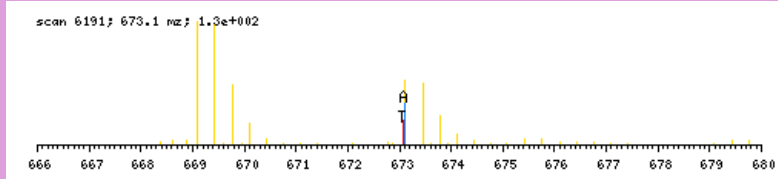
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	19		
237.1663	2	T	18	1882.0862	941.5470
350.2503	3	I	17	1781.0385	891.0232
421.2874	4	A	16	1667.9545	834.4812
478.3089	5	G	15	1596.9174	798.9626
577.3773	6	V	14	1539.8959	770.4519
676.4457	7	V	13	1440.8275	720.9177
839.5091	8	Y	12	1341.7591	671.3835
1001.6672	9	K	11	1178.6957	589.8518
1116.6941	10	D	10	1016.5376	508.7727
1173.7156	11	G	9	901.5107	451.2593
1286.7996	12	I	8	844.4892	422.7485
1385.8680	13	V	7	731.4052	366.2065
1498.9521	14	L	6	632.3368	316.6723
1555.9736	15	G	5	519.2527	260.1303
1627.0107	16	A	4	462.2312	231.6195
1742.0376	17	D	3	391.1941	196.1010
1843.0853	18	T	2	276.1672	138.5875
	19	R	1	175.1195	88.0637

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

TTIFEVLPEKADR, MH+ 1574.8794, m/z 525.6313
 L OSG39 P180811 230811-s1.06040.06040.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

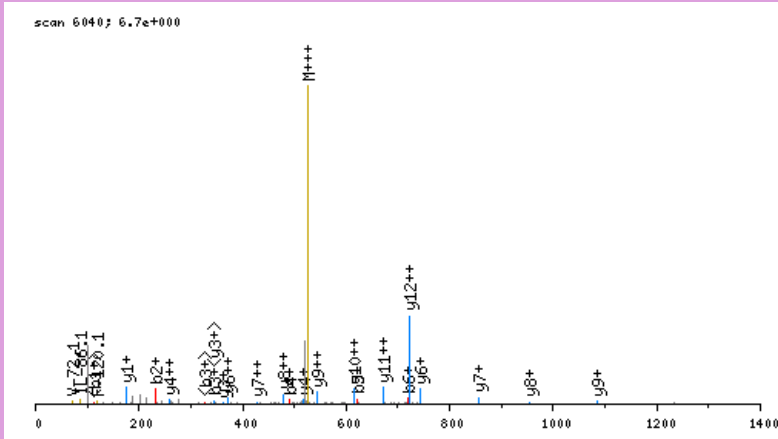
y + 2+ 3+

z + 2+ 3+

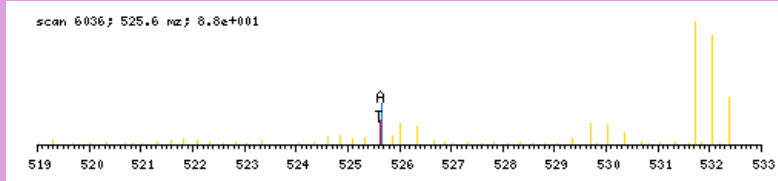
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1445.8004	723.4041
344.2185	3	I 11	1344.7528	672.8803
491.2869	4	F 10	1231.6687	616.3383
620.3295	5	E 9	1084.6003	542.8041
719.3979	6	V 8	955.5577	478.2828
832.4820	7	L 7	856.4893	428.7486
929.5348	8	P 6	743.4052	372.2065
1058.5774	9	E 5	646.3525	323.6801
1214.7037	10	K 4	517.3099	259.1588
1285.7408	11	A 3	361.1836	181.0957
1400.7677	12	D 2	290.1464	145.5771
	13	R 1	175.1195	88.0637

N-term:+29.04 K(10):+156.13

TTLESTPESASAR, MH+ 1377.6861, m/z 689.3467
 L OSG37 P180811 230811-s1.02578.02578.2.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+

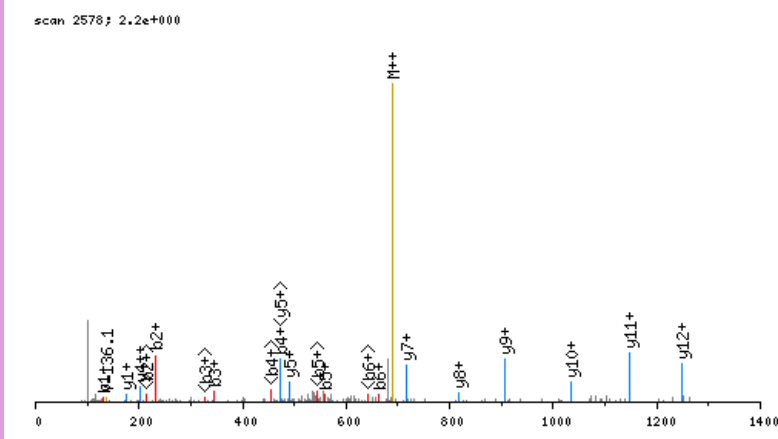
y + 2+ 3+

z + 2+ 3+

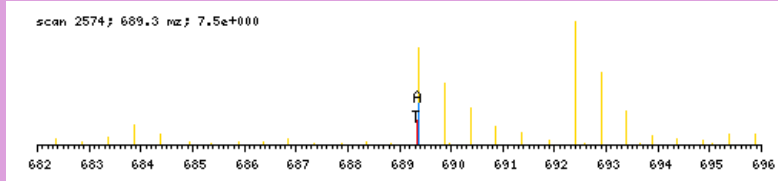
hide H₂O/NH₃

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 13		
231.1345	2	T 12	1248.6072	624.8075
344.2185	3	L 11	1147.5595	574.2837
473.2611	4	E 10	1034.4754	517.7416
560.2931	5	S 9	905.4328	453.2203
661.3408	6	T 8	818.4008	409.7043
758.3936	7	P 7	717.3531	359.1805
887.4362	8	E 6	620.3004	310.6541
974.4682	9	S 5	491.2578	246.1328
1045.5053	10	A 4	404.2258	202.6168
1132.5373	11	S 3	333.1886	167.0982
1203.5745	12	A 2	246.1566	123.5822
	13	R 1	175.1195	88.0637

N-term:+29.04

TTQGLDGLSER, MH+ 1210.6491, m/z 605.8282
 H OSG38 P180811 230811-s1.03335.03335.2.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+

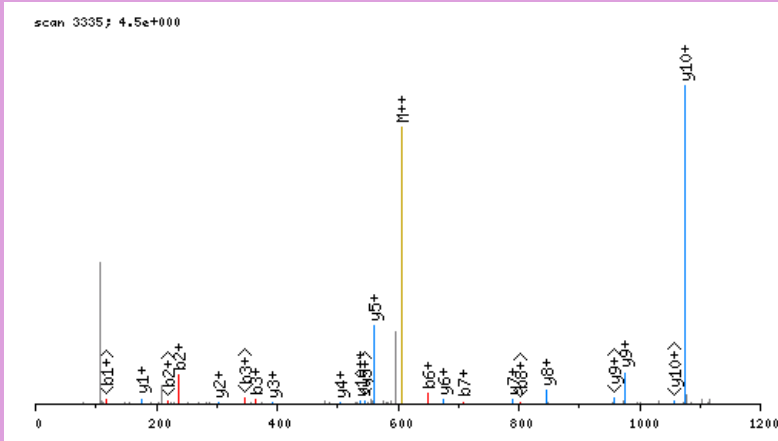
y + 2+ 3+

z + 2+ 3+

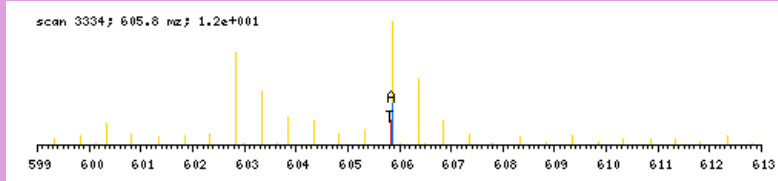
hide H₂O/NH₃

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	
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 OSG40 P180811 230811-s1.05166.05166.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

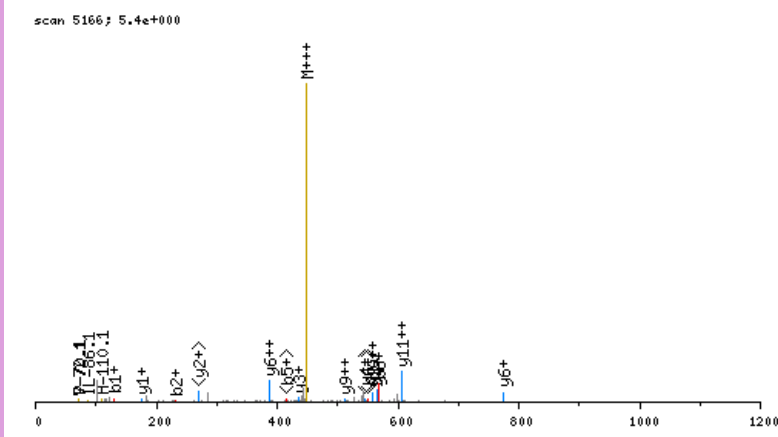
y + 2+ 3+

z + 2+ 3+

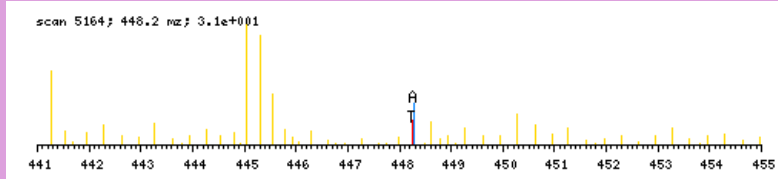
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

TTTQGLDGLSER, MH+ 1311.6968, m/z 656.3520
 H OSG38 P180811 230811-s1.03613.03613.2.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+

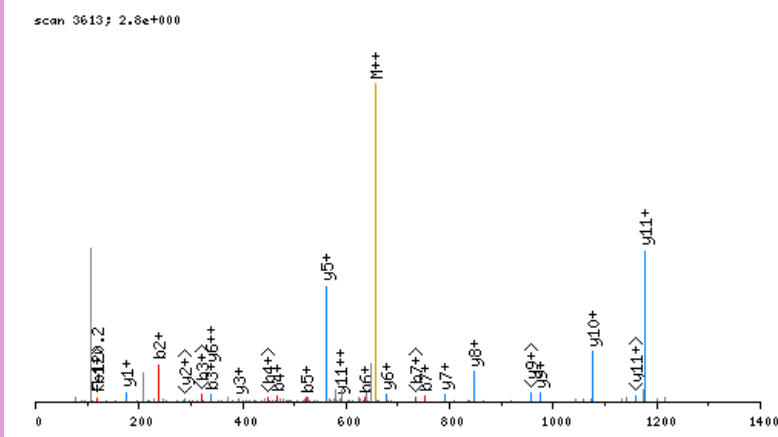
y + 2+ 3+

z + 2+ 3+

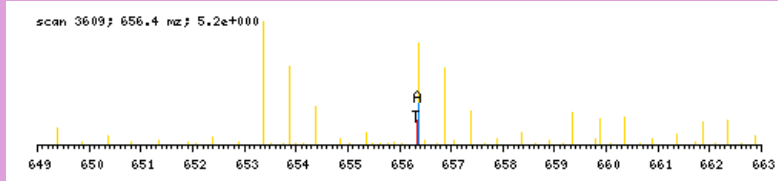
hide H₂O/NH₃

zoom 112-122

GO



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



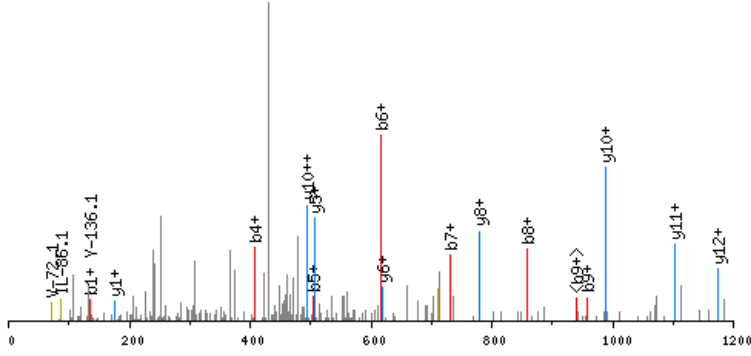
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 12		
237.1663	2	T 11	1176.5861	588.7969
338.2139	3	T 10	1075.5384	538.2731
466.2725	4	Q 9	974.4907	487.7493
523.2940	5	G 8	846.4321	423.7200
636.3780	6	L 7	789.4107	395.2092
751.4050	7	D 6	676.3266	338.6672
808.4264	8	G 5	561.2997	281.1537
921.5105	9	L 4	504.2782	252.6430
1008.5425	10	S 3	391.1941	196.1010
1137.5851	11	E 2	304.1621	152.5850
	12	R 1	175.1195	88.0637

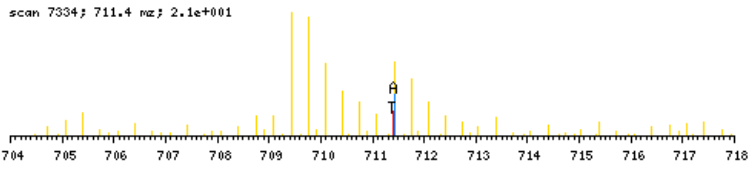
N-term:+35.07

TVATPLNQVANPNSAIFGGAR, MH+ 2132.1676, m/z 711.3941
H OSG37 P180811 230811-s1.07338.07338.3.dta

scan 7338; 7.8e-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	21		
235.1870	2	V	20	1997.0568	999.0323
306.2241	3	A	19	1897.9884	949.4981
407.2718	4	T	18	1826.9513	913.9796
504.3245	5	P	17	1725.9036	863.4557
617.4086	6	L	16	1628.8509	814.9294
731.4515	7	N	15	1515.7668	758.3873
859.5101	8	Q	14	1401.7239	701.3659
958.5785	9	V	13	1273.6653	637.3366
1029.6156	10	A	12	1174.5969	587.8024
1143.6586	11	N	11	1103.5598	552.2838
1240.7113	12	P	10	989.5169	495.2623
1354.7543	13	N	9	892.4641	446.7360
1441.7863	14	S	8	778.4212	389.7145
1512.8234	15	A	7	691.3891	346.1985
1625.9075	16	I	6	620.3520	310.6799
1772.9759	17	F	5	507.2680	254.1379
1829.9973	18	G	4	360.1995	180.6037
1887.0188	19	G	3	303.1781	152.0930
1958.0559	20	A	2	246.1566	123.5822
	21	R	1	175.1195	88.0637

N-term:+35.07

TVEGDVNTDPWAGYR, MH+ 1707.7978, m/z 569.9375
 L OSG37 P180811 230811-s1.05736.05736.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

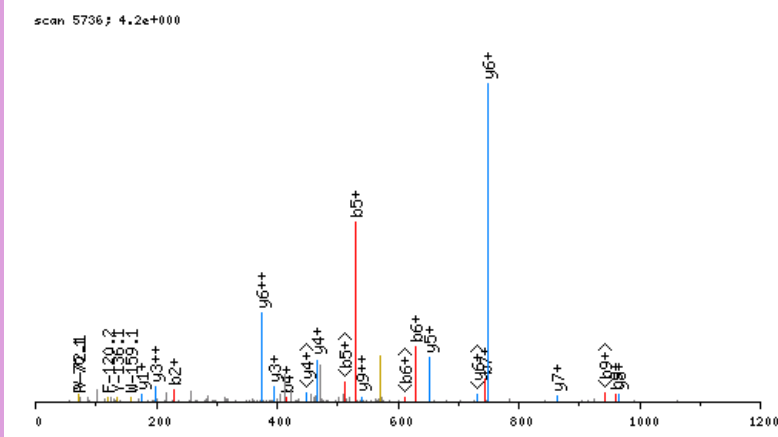
y + 2+ 3+

z + 2+ 3+

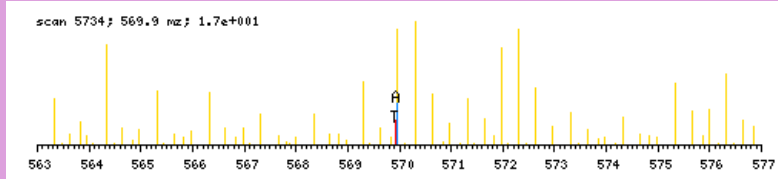
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
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

TVEGPPPKDTGIAR, MH+ 1493.8328, m/z 498.6158
 L OSG39 P180811 230811-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+

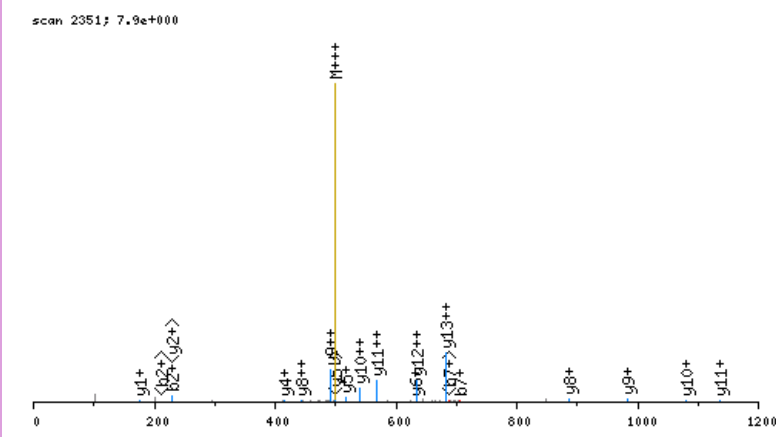
y + 2+ 3+

z + 2+ 3+

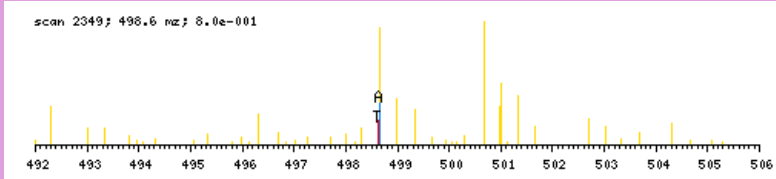
hide H₂O/NH₃

zoom 112-122

GO



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



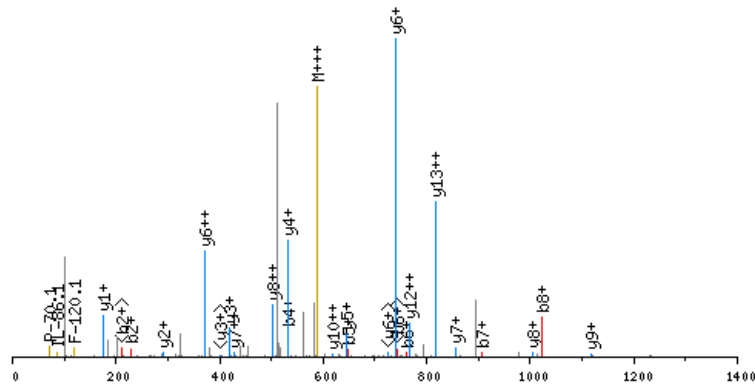
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0868	1	T 14		
229.1552	2	V 13	1364.7538	682.8808
358.1978	3	E 12	1265.6854	633.3466
415.2192	4	G 11	1136.6428	568.8253
512.2720	5	P 10	1079.6214	540.3146
609.3248	6	P 9	982.5686	491.7882
706.3775	7	P 8	885.5158	443.2618
862.5038	8	K 7	788.4631	394.7354
977.5308	9	D 6	632.3368	316.6723
1078.5785	10	T 5	517.3098	259.1588
1135.5999	11	G 4	416.2621	208.6350
1248.6840	12	I 3	359.2407	180.1243
1319.7211	13	A 2	246.1566	123.5822
	14	R 1	175.1195	88.0637

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

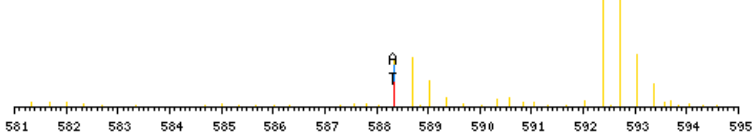
TVFKDLFDPIIQDR, MH+ 1762.9744, m/z 588.3296
 L OSG39 P180811 230811-s1.07688.07688.3.dta

scan 7688; 1.9e+001



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

scan 7686; 588.3 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⁺
130.0868	1	T 14		
229.1552	2	V 13	1633.8954	817.4516
376.2236	3	F 12	1534.8270	767.9174
532.3499	4	K 11	1387.7586	694.3832
647.3768	5	D 10	1231.6323	616.3201
760.4609	6	L 9	1116.6053	558.8066
907.5293	7	F 8	1003.5213	502.2645
1022.5563	8	D 7	856.4529	428.7303
1119.6090	9	P 6	741.4259	371.2169
1232.6931	10	I 5	644.3731	322.6905
1345.7772	11	I 4	531.2891	266.1485
1473.8357	12	Q 3	418.2050	209.6064
1588.8627	13	D 2	290.1464	145.5771
	14	R 1	175.1195	88.0637

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

TVGVAVALDCR, MH+ 1095.6044, m/z 548.3058
 H OSG38 P180811 230811-s1.03536.03536.2.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+

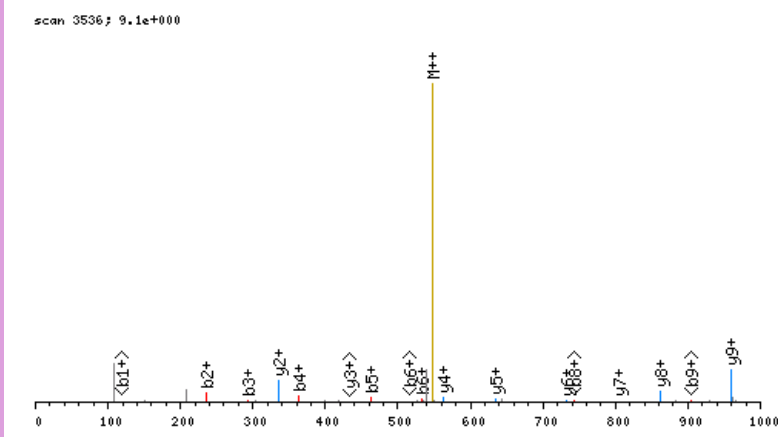
y + 2+ 3+

z + 2+ 3+

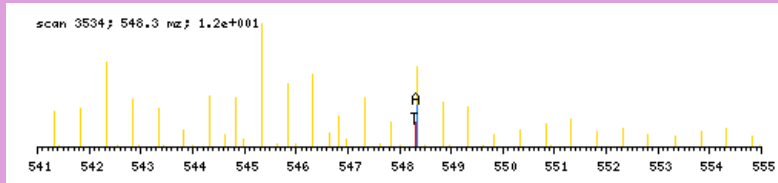
hide H₂O/NH₃

zoom 112-122

GO



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



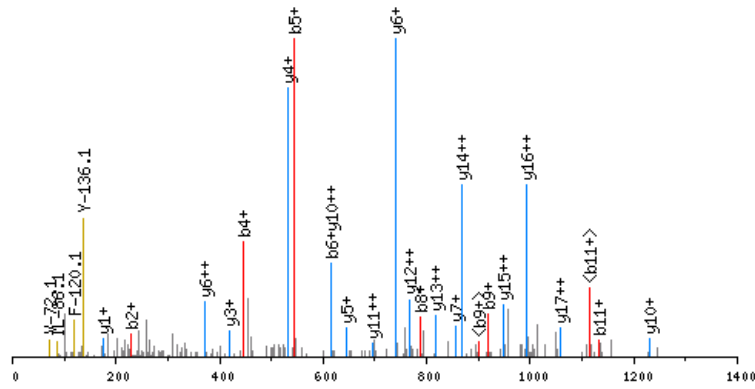
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
136.1186	1	T	10		
235.1870	2	V	9	960.4936	480.7507
292.2085	3	G	8	861.4252	431.2165
363.2456	4	A	7	804.4037	402.7058
462.3140	5	V	6	733.3666	367.1872
533.3511	6	A	5	634.2982	317.6530
646.4352	7	L	4	563.2611	282.1345
761.4621	8	D	3	450.1770	225.5924
921.4927	9	C	2	335.1501	168.0790
	10	R	1	175.1195	88.0637

N-term:+35.07 C(9):+160.03

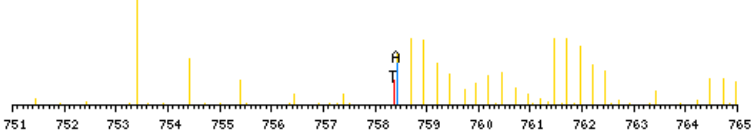
TVGCVAGDEESYTVFKDLFDPIIQDR, MH+ 3030.4770, m/z 758.3747
 L_OSG38_P180811_230811-s1.08151.08151.4.dta

scan 8151; 9.3e-001



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

scan 8149; 758.4 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⁺
130.0868	1	T 26		
229.1552	2	V 25	2901.3980	1451.2029
286.1767	3	G 24	2802.3296	1401.6687
446.2073	4	C 23	2745.3082	1373.1580
545.2757	5	V 22	2585.2776	1293.1427
616.3128	6	A 21	2486.2091	1243.6085
673.3342	7	G 20	2415.1720	1208.0899
788.3612	8	D 19	2358.1506	1179.5792
917.4038	9	E 18	2243.1236	1122.0657
1046.4464	10	E 17	2114.0810	1057.5444
1133.4784	11	S 16	1985.0384	993.0231
1296.5417	12	Y 15	1898.0064	949.5071
1397.5894	13	T 14	1734.9431	867.9755
1496.6578	14	V 13	1633.8954	817.4516
1643.7262	15	F 12	1534.8270	767.9174
1799.8525	16	K 11	1387.7586	694.3832
1914.8795	17	D 10	1231.6323	616.3201
2027.9635	18	L 9	1116.6053	558.8066
2175.0320	19	F 8	1003.5213	502.2645
2290.0589	20	D 7	856.4529	428.7303
2387.1117	21	P 6	741.4259	371.2169
2500.1957	22	I 5	644.3731	322.6905
2613.2798	23	I 4	531.2891	266.1485
2741.3384	24	Q 3	418.2050	209.6064
2856.3653	25	D 2	290.1464	145.5771
	26	R 1	175.1195	88.0637

N-term:+29.04 C(4):+160.03
 K(16):+156.13

TVHNLVLFDR, MH+ 1311.7273, m/z 437.9140
 H OSG40 P180811 230811-s1.06047.06047.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

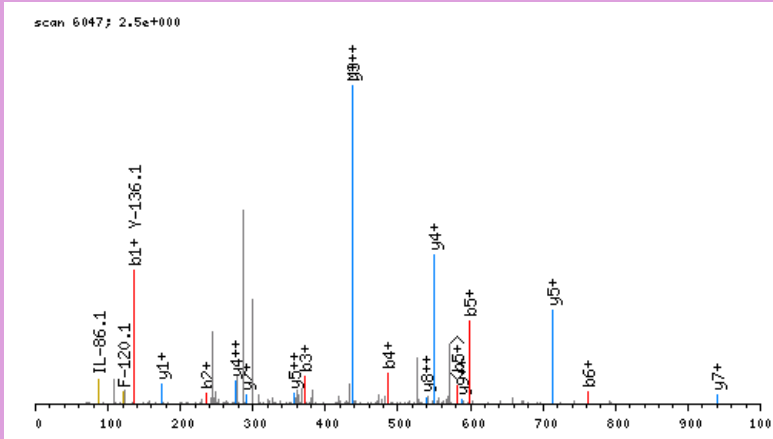
y + 2+ 3+

z + 2+ 3+

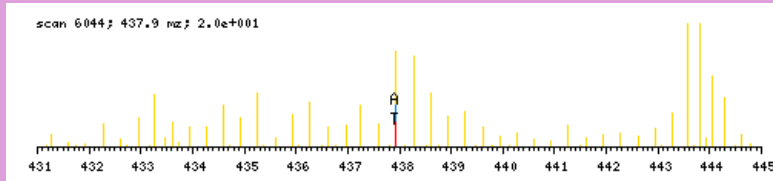
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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+ 1512.9386, m/z 504.9844
 H OSG39 P180811 230811-s1.02558.02558.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

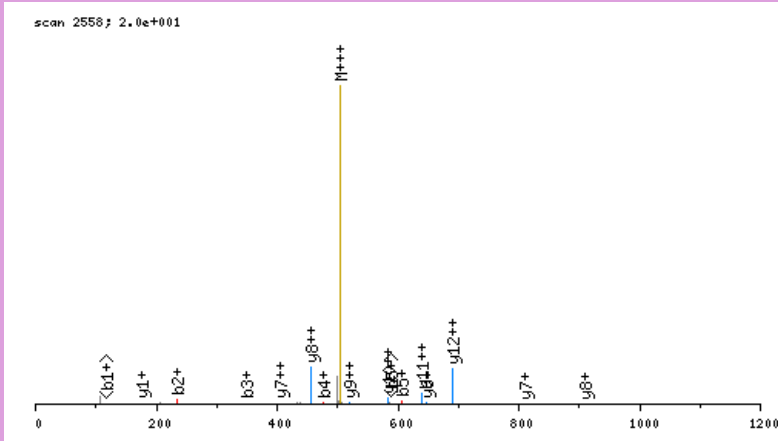
y + 2+ 3+

z + 2+ 3+

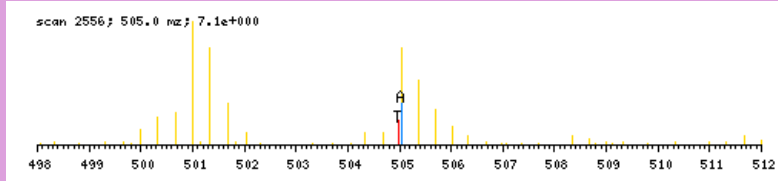
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	
235.1870	2	V	12	1377.8278
348.2711	3	I	11	1278.7594
476.3296	4	Q	10	1165.6753
605.3722	5	E	9	1037.6168
704.4406	6	V	8	908.5742
866.5987	7	K	7	809.5058
967.6464	8	T	6	647.3477
1054.6784	9	S	5	546.3000
1168.7214	10	N	4	459.2680
1267.7898	11	V	3	345.2250
1338.8269	12	A	2	246.1566
	13	R	1	175.1195

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

TVKTTVFSCNLGEKFDETTADGR, MH+ 2660.3242, m/z 665.8365
 L OSG40 P180811 230811-s1.06358.06358.4.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+

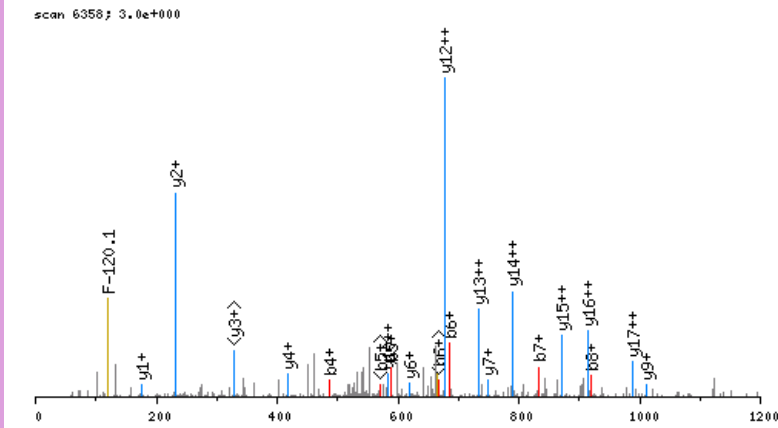
y + 2+ 3+

z + 2+ 3+

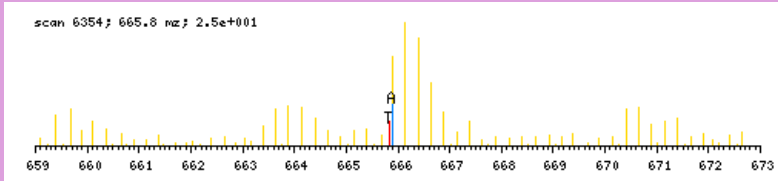
hide H₂O/NH₃

zoom 112-122

GO



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



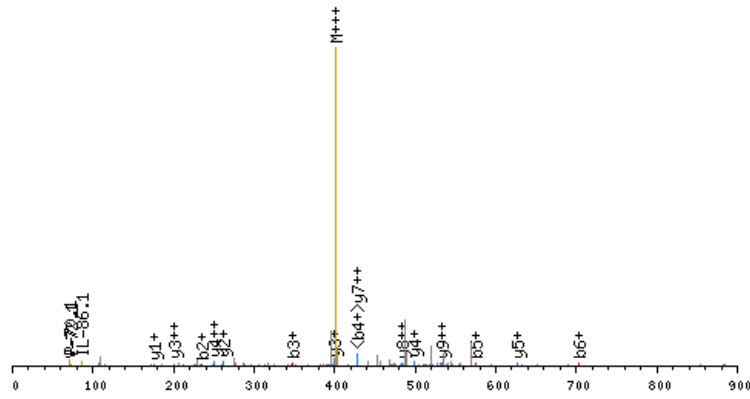
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0868	1	T	23		
229.1552	2	V	22	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

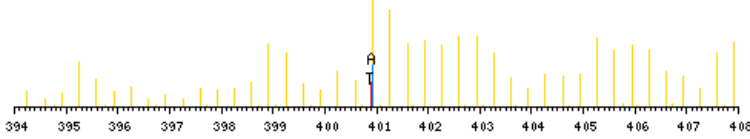
TVLPEEVHSR, MH+ 1200.6800, m/z 400.8982
 H OSG40 P180811 230811-s1.02963.02963.3.dta

scan 2963; 9.0e+000



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

scan 2959; 400.9 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	10	
235.1870	2	V	9	1065.5693
348.2711	3	L	8	966.5009
445.3238	4	P	7	853.4168
574.3664	5	E	6	756.3640
703.4090	6	E	5	627.3214
802.4774	7	V	4	498.2789
939.5363	8	H	3	399.2104
1026.5684	9	S	2	262.1515
	10	R	1	175.1195

N-term:+35.07

TVLSGGTTMYPGIADR, MH+ 1672.8792, m/z 558.2979
 H OSG37 P180811 230811-s1.05755.05755.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

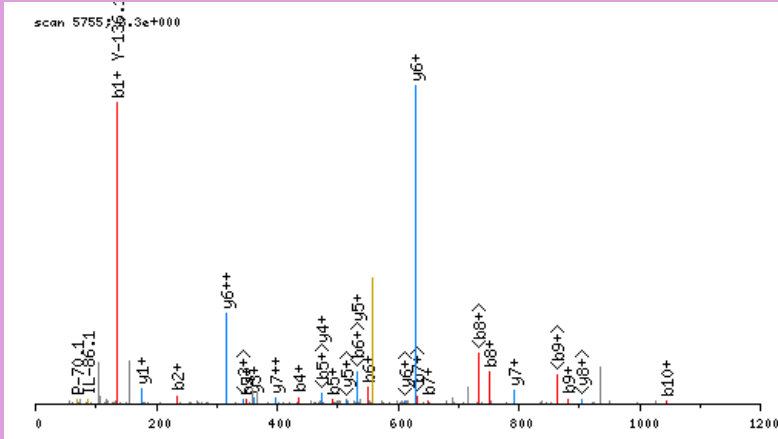
y + 2+ 3+

z + 2+ 3+

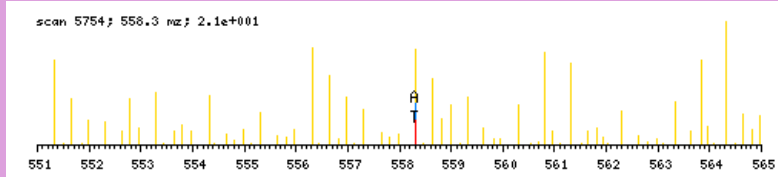
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
235.1870	2	V 15	1537.7685	769.3881
348.2711	3	L 14	1438.7000	719.8539
435.3031	4	S 13	1325.6160	663.3119
492.3245	5	G 12	1238.5839	619.7959
549.3460	6	G 11	1181.5625	591.2852
650.3937	7	T 10	1124.5410	562.7744
751.4414	8	T 9	1023.4933	512.2506
882.4819	9	M 8	922.4457	461.7267
1045.5452	10	Y 7	791.4052	396.2065
1142.5979	11	P 6	628.3418	314.6748
1199.6194	12	G 5	531.2891	266.1485
1312.7035	13	I 4	474.2676	237.6377
1383.7406	14	A 3	361.1836	181.0957
1498.7675	15	D 2	290.1464	145.5771
	16	R 1	175.1195	88.0637

N-term:+35.07

TVPIEAVTSKTSNIR, MH+ 1671.9645, m/z 557.9930
 L OSG39 P180811 230811-s1.03973.03973.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

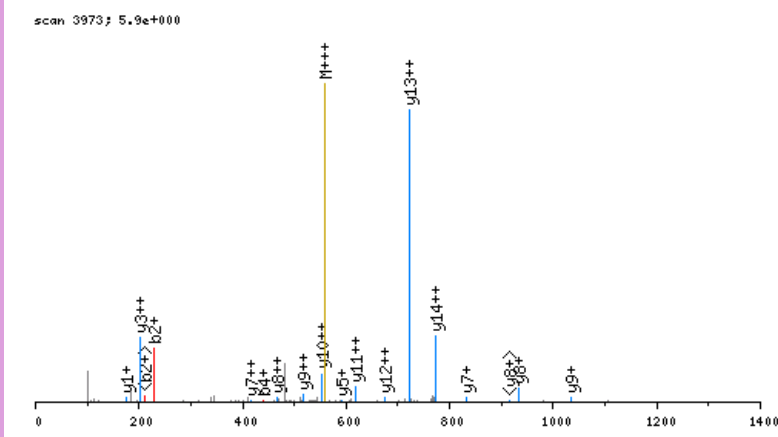
y + 2+ 3+

z + 2+ 3+

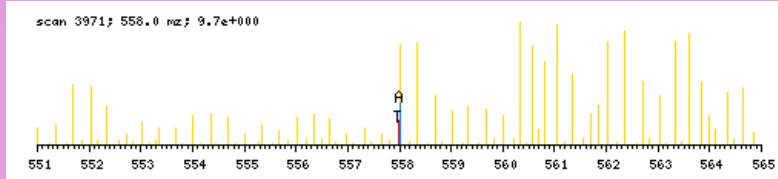
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	
229.1552	2	V	14	1542.8856
326.2080	3	P	13	1443.8172
439.2920	4	I	12	1346.7644
568.3346	5	E	11	1233.6803
639.3717	6	A	10	1104.6377
738.4401	7	V	9	1033.6006
839.4878	8	T	8	934.5322
926.5198	9	S	7	833.4845
1082.6461	10	K	6	746.4525
1183.6938	11	T	5	590.3262
1270.7259	12	S	4	489.2785
1384.7688	13	N	3	402.2465
1497.8528	14	I	2	288.2036
	15	R	1	175.1195

N-term:+29.04 K(10):+156.13

TVPQTHNAR, MH+ 1057.5966, m/z 529.3020
 H OSG37 P180811 230811-s1.03865.03865.2.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+

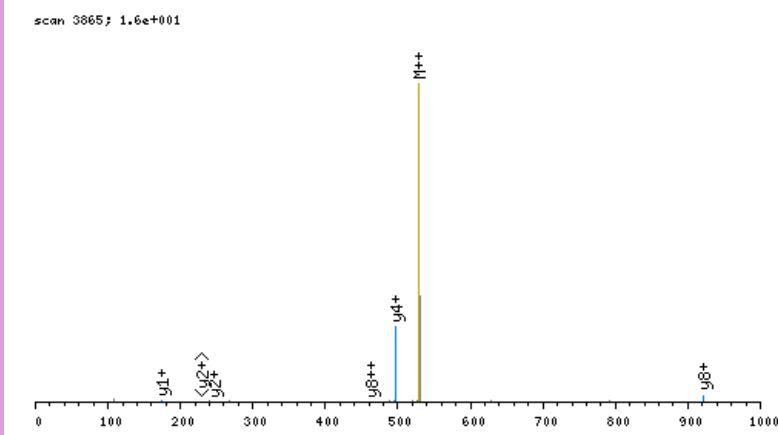
y + 2+ 3+

z + 2+ 3+

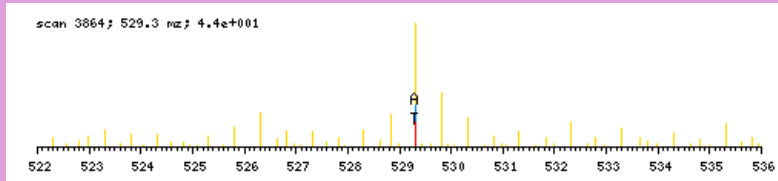
hide H₂O/NH₃

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	
235.1870	2	V	8	922.4859 461.7469
332.2398	3	P	7	823.4175 412.2126
460.2983	4	Q	6	726.3647 363.6863
561.3460	5	T	5	598.3061 299.6570
698.4049	6	H	4	497.2585 249.1331
812.4479	7	N	3	360.1995 180.6037
883.4850	8	A	2	246.1566 123.5822
	9	R	1	175.1195 88.0637

N-term:+35.07

TVSLHLGVTPSVLR, MH+ 1512.9326, m/z 504.9824
 H OSG39 P180811 230811-s1.05672.05672.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

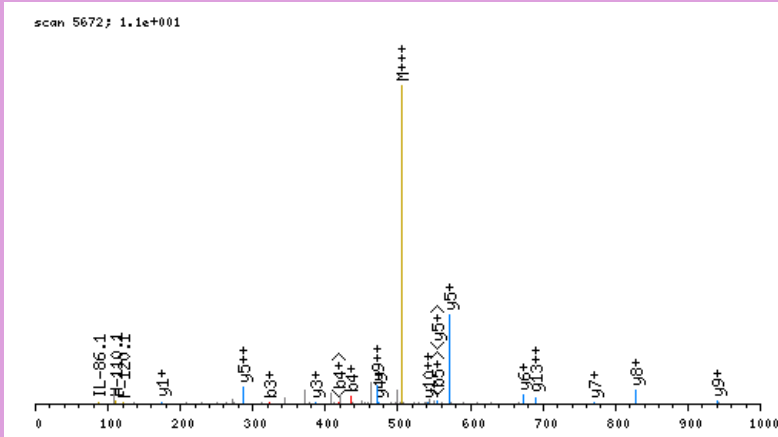
y + 2+ 3+

z + 2+ 3+

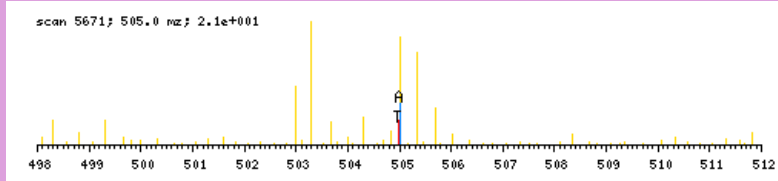
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
235.1870	2	V 13	1377.8218	689.4148
322.2190	3	S 12	1278.7534	639.8806
435.3031	4	L 11	1191.7214	596.3646
572.3620	5	H 10	1078.6373	539.8226
685.4461	6	L 9	941.5784	471.2931
742.4675	7	G 8	828.4943	414.7511
841.5359	8	V 7	771.4729	386.2403
942.5836	9	T 6	672.4044	336.7061
1039.6364	10	P 5	571.3568	286.1823
1126.6684	11	S 4	474.3040	237.6559
1225.7368	12	V 3	387.2720	194.1399
1338.8209	13	L 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+35.07

TWKFVEGLPINDFSR, MH+ 1864.9962, m/z 622.3369
 L OSG40 P180811 230811-s1.09123.09123.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

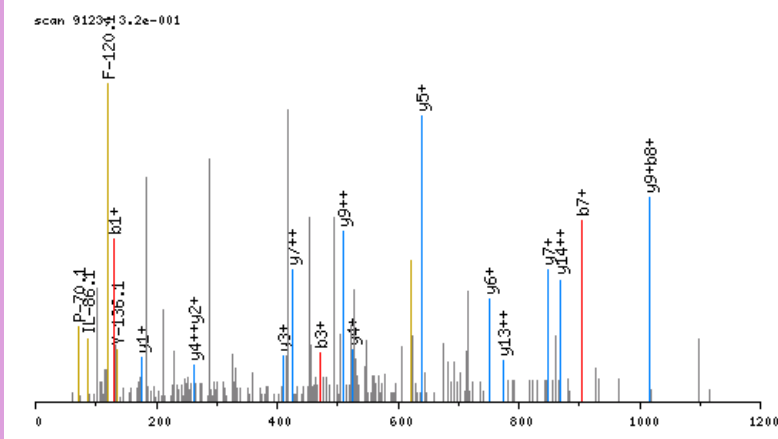
y + 2+ 3+

z + 2+ 3+

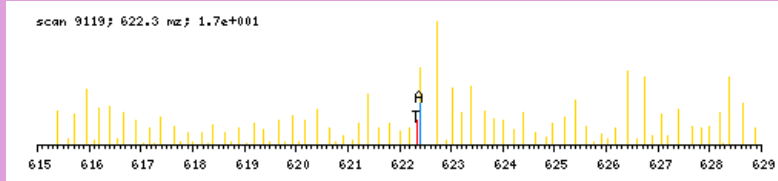
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
316.1661	2	W	14	1735.9172	868.4625
472.2924	3	K	13	1549.8379	775.4229
619.3608	4	F	12	1393.7116	697.3597
718.4292	5	V	11	1246.6432	623.8255
847.4718	6	E	10	1147.5748	574.2913
904.4933	7	G	9	1018.5322	509.7700
1017.5773	8	L	8	961.5107	481.2593
1114.6301	9	P	7	848.4266	424.7172
1227.7142	10	I	6	751.3739	376.1909
1341.7571	11	N	5	638.2898	319.6488
1456.7840	12	D	4	524.2469	262.6274
1603.8525	13	F	3	409.2199	205.1139
1690.8845	14	S	2	262.1515	131.5797
	15	R	1	175.1195	88.0637

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

TWVVLGHSER, MH+ 1217.6855, m/z 406.5667
 H OSG40 P180811 230811-s1.05186.05186.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

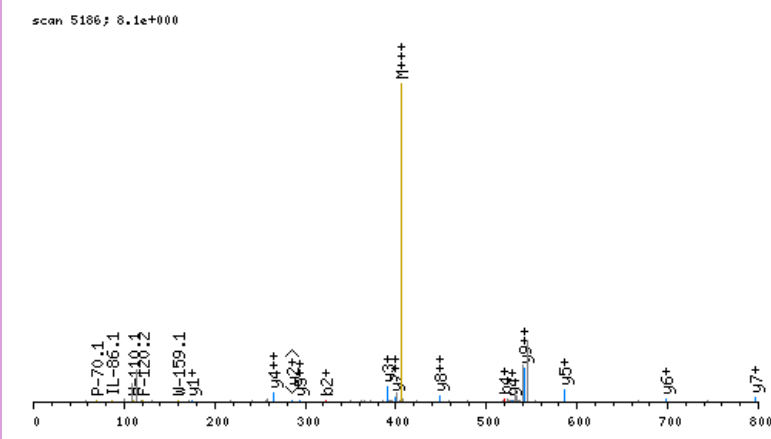
y + 2+ 3+

z + 2+ 3+

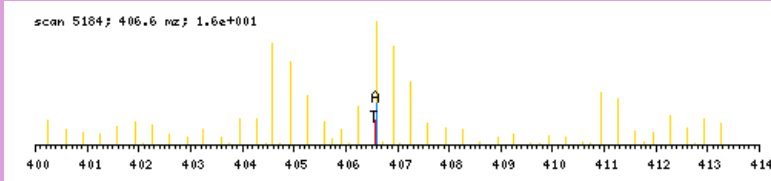
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	
322.1979	2	W	9	1082.5747
421.2663	3	V	8	896.4954
520.3347	4	V	7	797.4270
633.4188	5	L	6	698.3586
690.4402	6	G	5	585.2745
827.4992	7	H	4	528.2530
914.5312	8	S	3	391.1941
1043.5738	9	E	2	304.1621
	10	R	1	175.1195

N-term:+35.07

TYYNATEPVISFYDKR, MH+ 2035.0813, m/z 679.0319
 H OSG39 P180811 230811-s1.05924.05924.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

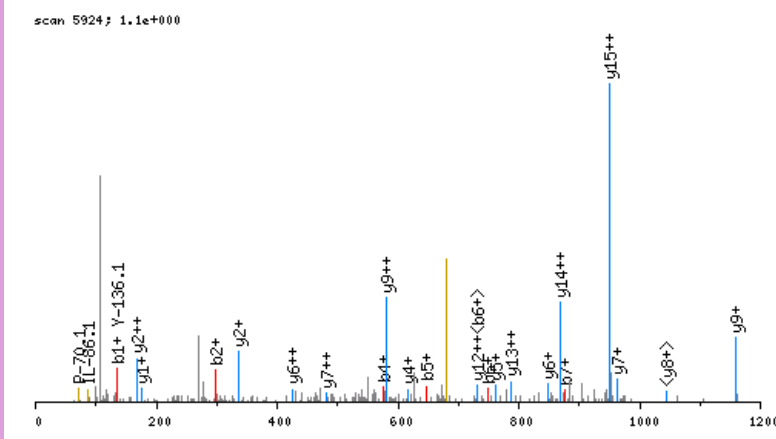
y + 2+ 3+

z + 2+ 3+

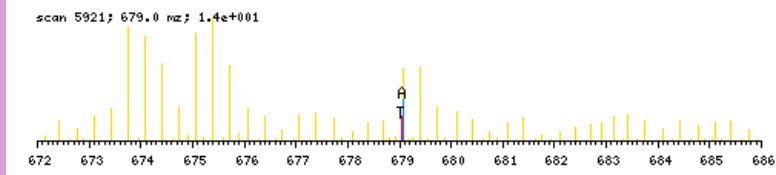
hide H₂O/NH₃

zoom 112-122

GO



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



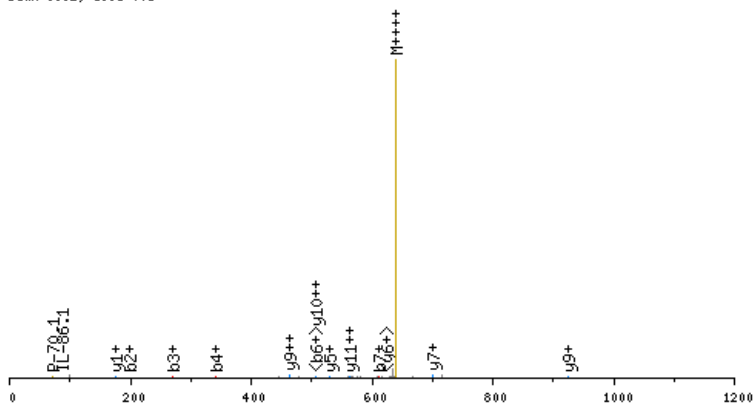
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
136.1186	1	T 16		
299.1819	2	Y 15	1899.9705	950.4892
462.2452	3	Y 14	1736.9072	868.9575
576.2882	4	N 13	1573.8439	787.4258
647.3253	5	A 12	1459.8009	730.4044
748.3730	6	T 11	1388.7638	694.8858
877.4155	7	E 10	1287.7161	644.3620
974.4683	8	P 9	1158.6736	579.8407
1073.5367	9	V 8	1061.6208	531.3143
1186.6208	10	I 7	962.5524	481.7801
1273.6528	11	S 6	849.4683	425.2381
1420.7212	12	F 5	762.4363	381.7221
1583.7846	13	Y 4	615.3679	308.1878
1698.8115	14	D 3	452.3045	226.6562
1860.9696	15	K 2	337.2776	169.1427
	16	R 1	175.1195	88.0637

N-term:+35.07 K(15):+162.16

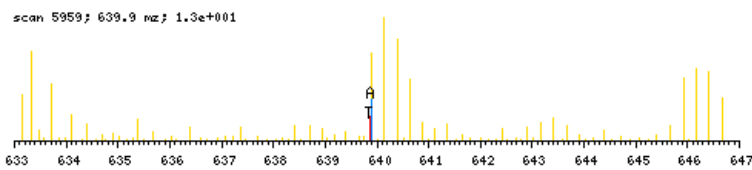
VAAAPSPSHEAKGLVISPEGLSPAVR, MH+ 2556.4150, m/z 639.8592
 L OSG40 P180811 230811-s1.05962.05962.4.dta

scan 5962; 1.9e+001



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

scan 5959; 639.9 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⁺
128.1075	1	V	26	
199.1446	2	A	25	2429.3153
270.1817	3	A	24	2358.2782
341.2189	4	A	23	2287.2411
428.2509	5	S	22	2216.2039
525.3036	6	P	21	2129.1719
612.3357	7	S	20	2032.1192
749.3946	8	H	19	1945.0871
878.4372	9	E	18	1808.0282
949.4743	10	A	17	1678.9856
1105.6006	11	K	16	1607.9485
1162.6221	12	G	15	1451.8222
1219.6435	13	G	14	1394.8007
1332.7276	14	L	13	1337.7793
1431.7960	15	V	12	1224.6952
1544.8801	16	I	11	1125.6268
1631.9121	17	S	10	1012.5427
1728.9649	18	P	9	925.5107
1858.0074	19	E	8	828.4579
1915.0289	20	G	7	699.4153
2028.1130	21	L	6	642.3939
2115.1450	22	S	5	529.3098
2212.1978	23	P	4	442.2778
2283.2349	24	A	3	345.2250
2382.3033	25	V	2	274.1879
	26	R	1	175.1195

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

VAEQADLEQAFSPSPDCVDR, MH+ 2377.0617, m/z 793.0254
 L OSG36 P180811 230811-s1.04360.04360.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

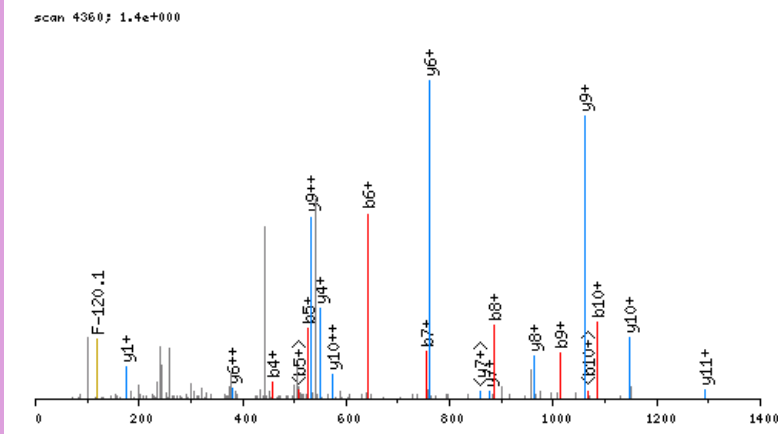
y + 2+ 3+

z + 2+ 3+

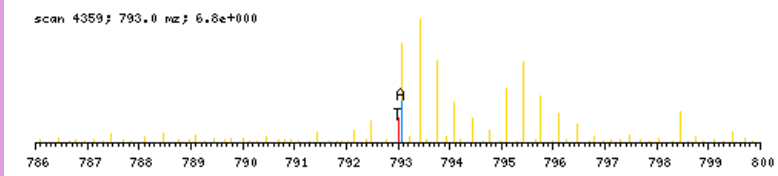
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	2249.9620
328.1872	3	E	19	2178.9249
456.2458	4	Q	18	2049.8823
527.2829	5	A	17	1921.8237
642.3099	6	D	16	1850.7866
755.3939	7	L	15	1735.7597
884.4365	8	E	14	1622.6756
1012.4951	9	Q	13	1493.6330
1083.5322	10	A	12	1365.5745
1230.6006	11	F	11	1294.5373
1317.6326	12	S	10	1147.4689
1414.6854	13	P	9	1060.4369
1501.7174	14	S	8	963.3841
1616.7444	15	D	7	876.3521
1713.7971	16	P	6	761.3252
1828.8241	17	D	5	664.2724
1988.8547	18	C	4	549.2455
2087.9231	19	V	3	389.2149
2202.9500	20	D	2	290.1464
	21	R	1	175.1195

N-term:+29.04 C(18):+160.03

VANKIVEEAENIVVTTGVVR, MH+ 2184.2240, m/z 546.8115
 L OSG39 P180811 230811-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+

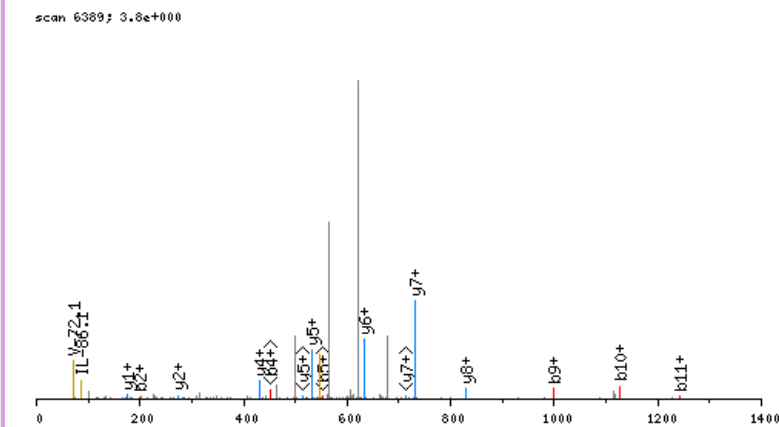
y + 2+ 3+

z + 2+ 3+

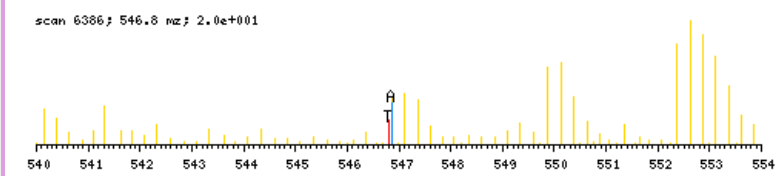
hide H₂O/NH₃

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⁺
128.1075	1	V	20		
199.1446	2	A	19	2057.1243	1029.0661
313.1876	3	N	18	1986.0872	993.5475
469.3139	4	K	17	1872.0443	936.5260
570.3615	5	T	16	1715.9180	858.4629
669.4299	6	V	15	1614.8703	807.9391
798.4725	7	E	14	1515.8019	758.4048
927.5151	8	E	13	1386.7593	693.8835
998.5522	9	A	12	1257.7167	629.3623
1127.5948	10	E	11	1186.6796	593.8437
1241.6378	11	N	10	1057.6370	529.3224
1354.7218	12	I	9	943.5940	472.3009
1453.7902	13	V	8	830.5100	415.7589
1552.8587	14	V	7	731.4416	366.2247
1653.9063	15	T	6	632.3731	316.6905
1754.9540	16	T	5	531.3255	266.1666
1811.9755	17	G	4	430.2778	215.6428
1911.0439	18	V	3	373.2563	187.1321
2010.1123	19	V	2	274.1879	137.5979
	20	R	1	175.1195	88.0637

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

VANSPANADYQER, MH+ 1468.7244, m/z 490.2463
 H OSG37 P180811 230811-s1.02186.02186.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

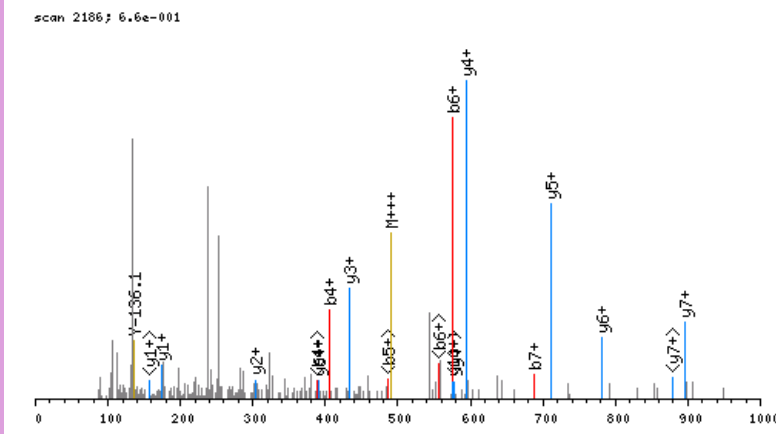
y + 2+ 3+

z + 2+ 3+

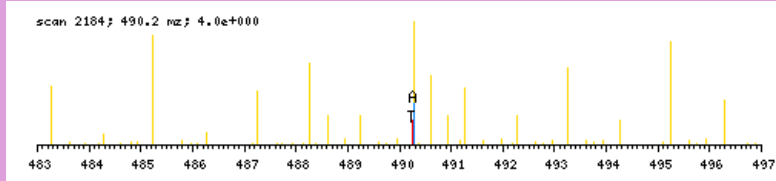
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
205.1764	2	A 12	1335.5929	668.3004
319.2194	3	N 11	1264.5558	632.7818
406.2514	4	S 10	1150.5129	575.7604
503.3041	5	P 9	1063.4809	532.2443
574.3413	6	A 8	966.4281	483.7180
688.3842	7	N 7	895.3910	448.1994
759.4213	8	A 6	781.3481	391.1779
874.4482	9	D 5	710.3109	355.6594
1037.5116	10	Y 4	595.2840	298.1459
1165.5702	11	Q 3	432.2207	216.6142
1294.6127	12	E 2	304.1621	152.5850
	13	R 1	175.1195	88.0637

N-term:+35.07

VAPTISSPVCQEQLVEAGR, MH+ 2069.0700, m/z 690.3615
 L OSG36 P180811 230811-s1.04156.04156.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

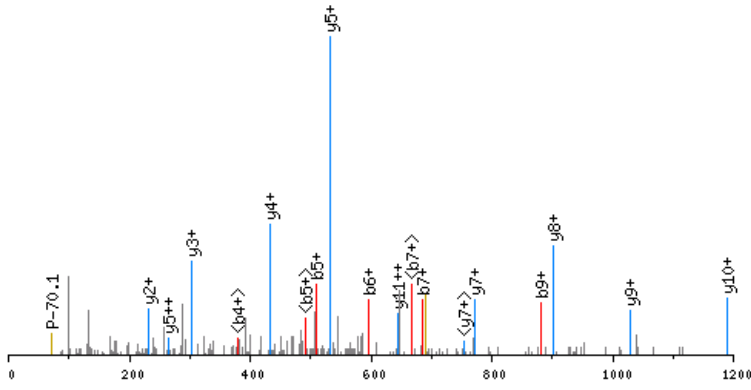
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

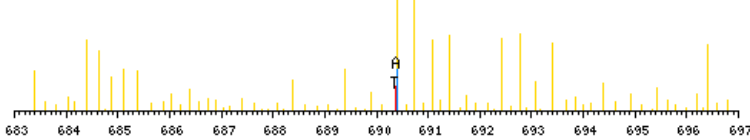
GO

scan 4156; 9.6e-001



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

scan 4154; 690.4 m/z; 2.2e+000



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	1941.9704	971.4891
296.1974	3	P 17	1870.9332	935.9705
397.2451	4	T 16	1773.8805	887.4441
510.3291	5	I 15	1672.8328	836.9203
597.3612	6	S 14	1559.7487	780.3783
684.3932	7	S 13	1472.7167	736.8623
781.4460	8	P 12	1385.6847	693.3463
880.5144	9	V 11	1288.6319	644.8199
1040.5450	10	C 10	1189.5635	595.2857
1168.6035	11	Q 9	1029.5329	515.2704
1297.6461	12	E 8	901.4743	451.2411
1425.7047	13	Q 7	772.4317	386.7198
1538.7888	14	L 6	644.3731	322.6905
1637.8572	15	V 5	531.2891	266.1485
1766.8998	16	E 4	432.2207	216.6142
1837.9369	17	A 3	303.1781	152.0930
1894.9584	18	G 2	232.1410	116.5744
	19	R 1	175.1195	88.0637

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

VAQPGDTIFGKIIR, MH+ 1640.0172, m/z 547.3439
 H OSG39 P180811 230811-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+

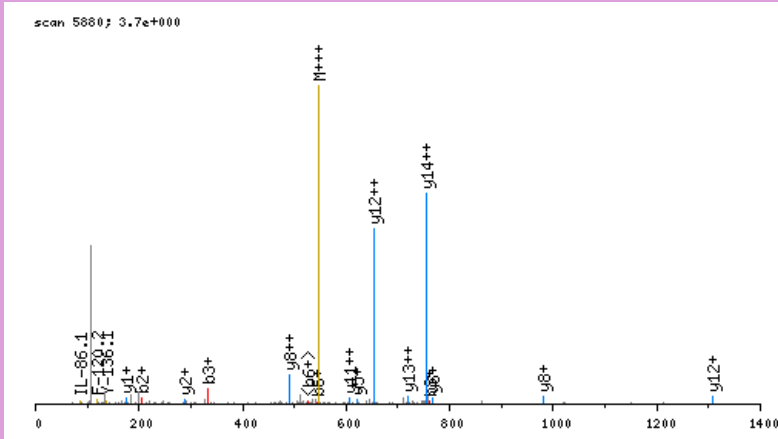
y + 2+ 3+

z + 2+ 3+

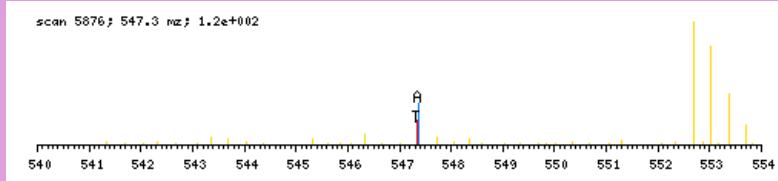
hide H₂O/NH₃

zoom 112-122

GO



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



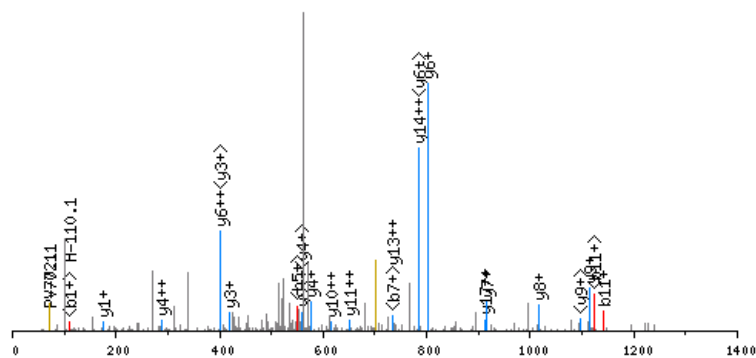
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V 15		
205.1764	2	A 14	1506.8857	753.9467
333.2350	3	Q 13	1435.8486	718.4282
430.2878	4	P 12	1307.7900	654.3989
487.3092	5	G 11	1210.7372	605.8725
544.3307	6	G 10	1153.7158	577.3618
659.3576	7	D 9	1096.6943	548.8511
760.4053	8	T 8	981.6673	491.3376
873.4894	9	I 7	880.6197	440.8137
1020.5578	10	F 6	767.5356	384.2717
1077.5793	11	G 5	620.4672	310.7375
1239.7374	12	K 4	563.4457	282.2268
1352.8214	13	I 3	401.2876	201.1477
1465.9055	14	I 2	288.2036	144.6057
	15	R 1	175.1195	88.0637

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

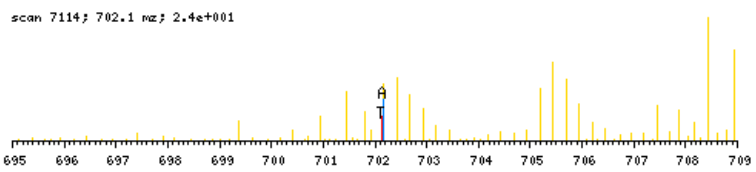
VAVMHGETEGTVPGNALVVDPEKPFRR, MH+ 2805.4609, m/z 702.1207
 L OSG40 P180811 230811-s1.07116.07116.4.dta

scan 7116; 2.2e+000



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

scan 7114; 702.1 mz; 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⁺
128.1075	1	V	26	
199.1446	2	A	25	2678.3612
298.2130	3	V	24	2607.3241
429.2535	4	M	23	2508.2557
566.3124	5	H	22	2377.2152
623.3339	6	G	21	2240.1563
752.3765	7	E	20	2183.1349
853.4242	8	T	19	2054.0923
982.4668	9	E	18	1953.0446
1039.4882	10	G	17	1824.0020
1140.5359	11	T	16	1766.9805
1239.6043	12	V	15	1665.9329
1336.6571	13	P	14	1566.8644
1393.6786	14	G	13	1469.8117
1507.7215	15	N	12	1412.7902
1578.7586	16	A	11	1298.7473
1691.8427	17	L	10	1227.7102
1790.9111	18	V	9	1114.6261
1889.9795	19	V	8	1015.5577
2005.0064	20	D	7	916.4893
2102.0592	21	P	6	801.4623
2231.1018	22	E	5	704.4096
2387.2281	23	K	4	575.3670
2484.2808	24	P	3	419.2407
2631.3493	25	F	2	322.1879
	26	R	1	175.1195

N-term:+29.04 K(23):+156.13

VAYDEEEEDYGPAGPNSYSGSAGTAVGAYDAPR, MH+ 3393.4671, m/z 849.1222
 L OSG36 P180811 230811-s1.04181.04181.4.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+

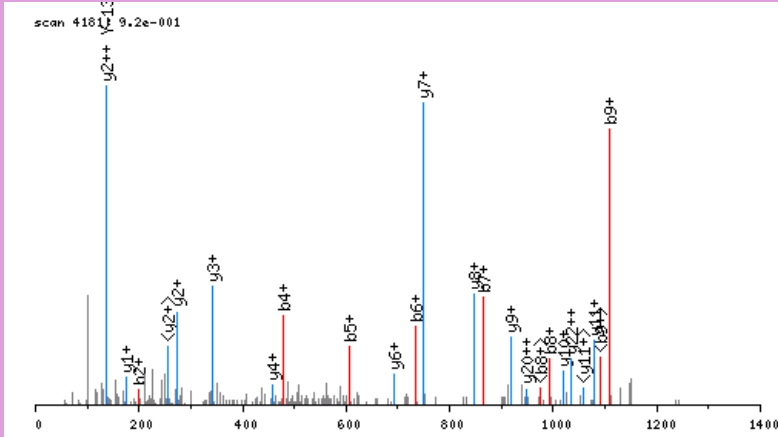
y + 2+ 3+

z + 2+ 3+

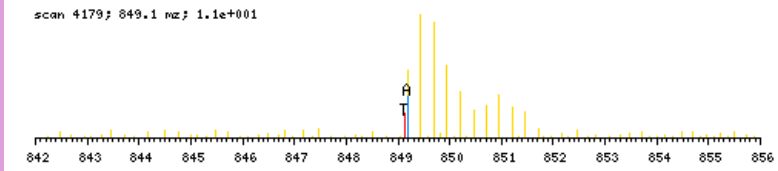
hide H₂O/NH₃

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	33		
199.1446	2	A	32	3266.3674	1633.6876
362.2080	3	Y	31	3195.3303	1598.1691
477.2349	4	D	30	3032.2670	1516.6374
606.2775	5	E	29	2917.2400	1459.1239
735.3201	6	E	28	2788.1974	1394.6026
864.3627	7	E	27	2659.1548	1330.0813
993.4053	8	E	26	2530.1123	1265.5600
1108.4322	9	D	25	2401.0697	1201.0387
1271.4955	10	Y	24	2286.0427	1143.5253
1328.5170	11	G	23	2122.9794	1061.9936
1425.5698	12	P	22	2065.9579	1033.4829
1496.6069	13	A	21	1968.9052	984.9565
1553.6283	14	G	20	1897.8680	949.4379
1650.6811	15	P	19	1840.8466	920.9272
1764.7240	16	N	18	1743.7938	872.4008
1851.7561	17	S	17	1629.7509	815.3794
2014.8194	18	Y	16	1542.7189	771.8633
2101.8514	19	S	15	1379.6555	690.3317
2158.8729	20	G	14	1292.6235	646.8157
2245.9049	21	S	13	1235.6020	618.3049
2316.9420	22	A	12	1148.5700	574.7889
2373.9635	23	G	11	1077.5329	539.2704
2475.0112	24	T	10	1020.5114	510.7596
2546.0483	25	A	9	919.4638	460.2358
2645.1167	26	V	8	848.4266	424.7172
2702.1382	27	G	7	749.3582	375.1830
2773.1753	28	A	6	692.3368	346.6723
2936.2386	29	Y	5	621.2997	311.1537
3051.2656	30	D	4	458.2363	229.6221
3122.3027	31	A	3	343.2094	172.1086
3219.3554	32	P	2	272.1723	136.5900
	33	R	1	175.1195	88.0637

N-term:+29.04

VDAYALCDALGRPAVGVGGGEWR, MH+ 2417.2035, m/z 605.0563
 L OSG41 P180811 230811-s1.08803.08803.4.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+

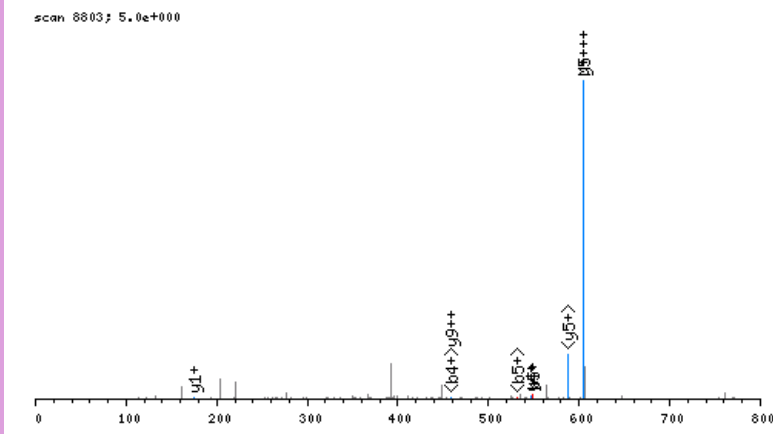
y + 2+ 3+

z + 2+ 3+

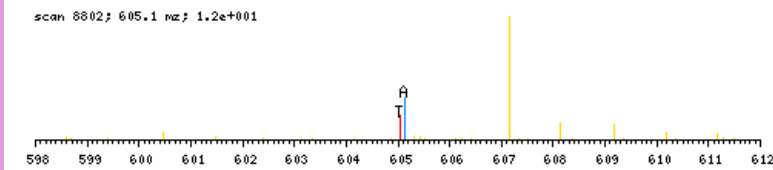
hide H₂O/NH₃

zoom 112-122

GO



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



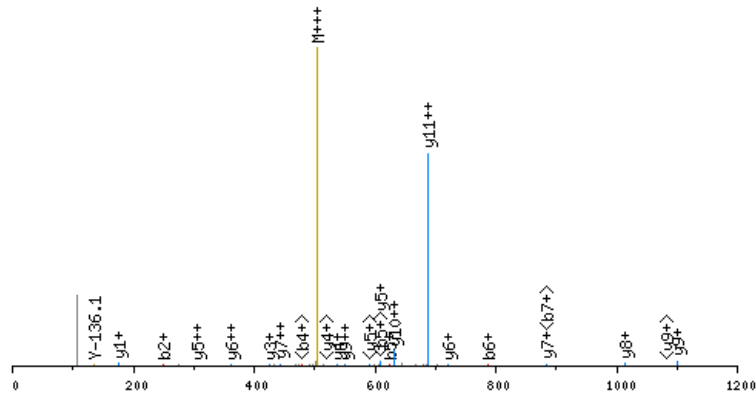
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 23		
243.1345	2	D 22	2290.1038	1145.5558
314.1716	3	A 21	2175.0769	1088.0424
477.2349	4	Y 20	2104.0398	1052.5238
548.2720	5	A 19	1940.9764	970.9921
661.3561	6	L 18	1869.9393	935.4736
821.3867	7	C 17	1756.8553	878.9315
936.4136	8	D 16	1596.8247	798.9162
1007.4507	9	A 15	1481.7977	741.4028
1120.5348	10	L 14	1410.7606	705.8842
1177.5563	11	G 13	1297.6765	649.3422
1333.6574	12	R 12	1240.6551	620.8315
1430.7101	13	P 11	1084.5540	542.7809
1501.7473	14	A 10	987.5012	494.2545
1600.8157	15	V 9	916.4641	458.7360
1657.8371	16	G 8	817.3957	409.2018
1756.9055	17	V 7	760.3742	380.6910
1813.9270	18	G 6	661.3058	331.1568
1870.9485	19	G 5	604.2843	302.6461
1927.9699	20	G 4	547.2629	274.1353
2057.0125	21	E 3	490.2414	245.6246
2243.0918	22	W 2	361.1988	181.1033
	23	R 1	175.1195	88.0637

N-term:+29.04 C(7):+160.03

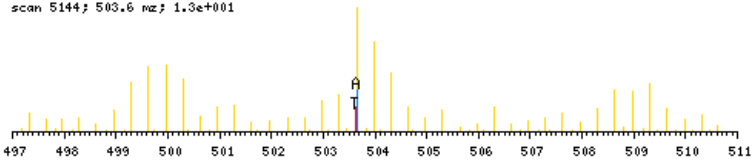
VDCSEYLALSKR, MH+ 1508.8419, m/z 503.6188
 H OSG40 P180811 230811-s1.05147.05147.3.dta

scan 5147; 1.1e+001



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

scan 5144; 503.6 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⁺
134.1393	1	V	12		
249.1663	2	D	11	1375.7104	688.3591
409.1969	3	C	10	1260.6834	630.8456
496.2289	4	S	9	1100.6528	550.8303
625.2715	5	E	8	1013.6208	507.3143
788.3348	6	Y	7	884.5782	442.7930
901.4189	7	L	6	721.5149	361.2613
972.4560	8	A	5	608.4308	304.7193
1085.5400	9	L	4	537.3937	269.2008
1172.5721	10	S	3	424.3096	212.6587
1334.7302	11	K	2	337.2776	169.1427
	12	R	1	175.1195	88.0637

N-term: +35.07 C(3): +160.03
 K(11): +162.16

VDEYDPTIEDSYR, MH+ 1629.7284, m/z 543.9143
 L OSG37 P180811 230811-s1.04873.04873.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

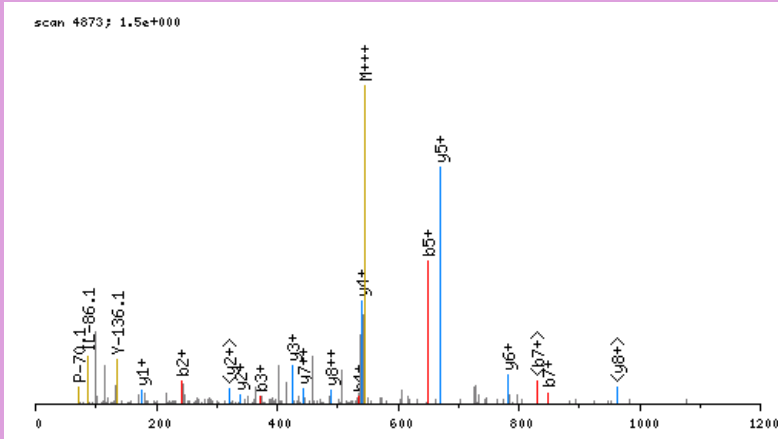
y + 2+ 3+

z + 2+ 3+

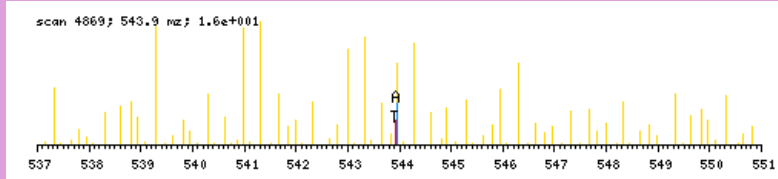
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1502.6287	751.8183
372.1771	3	E 11	1387.6018	694.3048
535.2404	4	Y 10	1258.5592	629.7835
650.2673	5	D 9	1095.4958	548.2518
747.3201	6	P 8	980.4689	490.7384
848.3678	7	T 7	883.4161	442.2120
961.4518	8	I 6	782.3685	391.6881
1090.4944	9	E 5	669.2844	335.1461
1205.5214	10	D 4	540.2418	270.6248
1292.5534	11	S 3	425.2149	213.1113
1455.6167	12	Y 2	338.1828	169.5953
	13	R 1	175.1195	88.0637

N-term:+29.04

VDLEPTVIDEVR, MH+ 1418.7955, m/z 709.9014
 H OSG37 P180811 230811-s1.06750.06750.2.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+

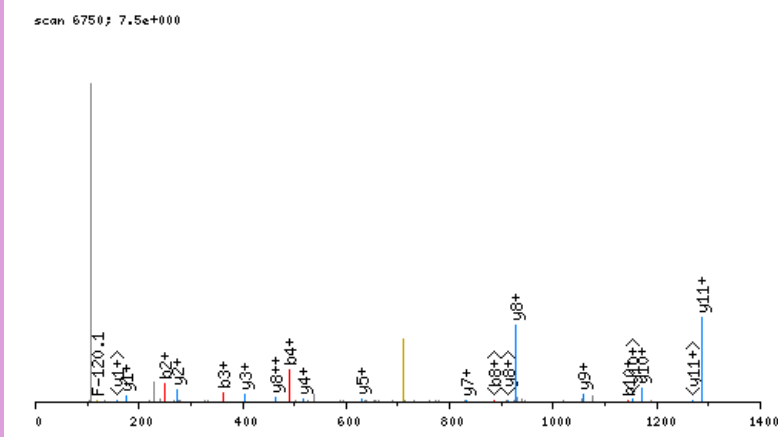
y + 2+ 3+

z + 2+ 3+

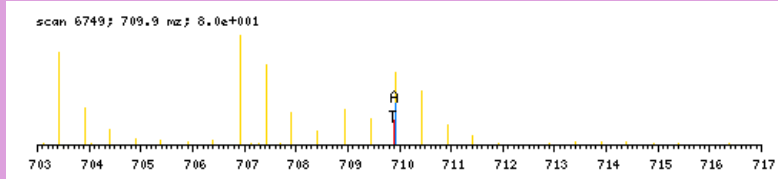
hide H₂O/NH₃

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⁺
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

VDSASPVYQAVIKTQSKPEDEADEWAR, MH+ 3121.6542, m/z 781.1690
 H OSG40 P180811 230811-s1.07171.07171.4.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+

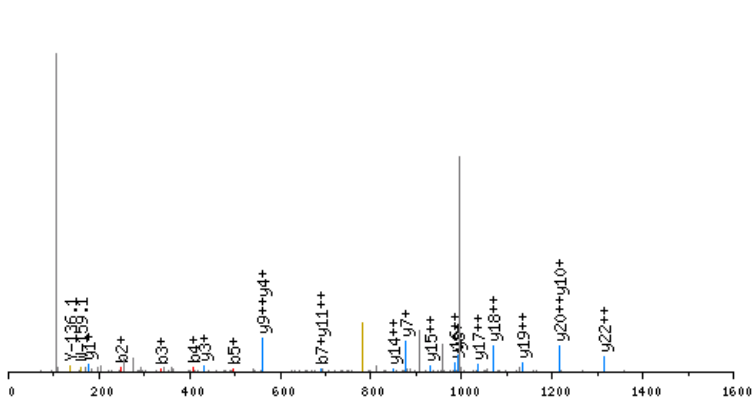
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

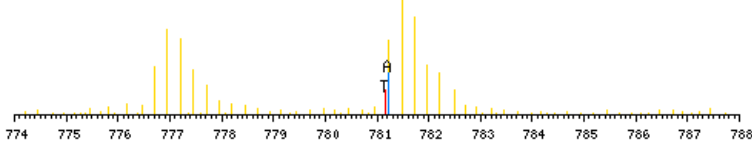
scan 7171; 7.7e+000



click image to zoom in; click top corners to zoom out

[\[precursor±\]](#)

scan 7169; 781.2 m/z; 4.1e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V	27	
249.1663	2	D	26	2988.5227
336.1983	3	S	25	2873.4958
407.2354	4	A	24	2786.4638
494.2674	5	S	23	2715.4267
591.3202	6	P	22	2628.3946
690.3886	7	V	21	2531.3419
853.4519	8	Y	20	2432.2735
981.5105	9	Q	19	2269.2101
1052.5476	10	A	18	2141.1515
1151.6160	11	V	17	2070.1144
1264.7001	12	I	16	1971.0460
1426.8582	13	K	15	1857.9620
1527.9059	14	T	14	1695.8039
1655.9645	15	Q	13	1594.7562
1742.9965	16	S	12	1466.6976
1905.1546	17	K	11	1379.6656
2002.2074	18	P	10	1217.5075
2131.2499	19	E	9	1120.4547
2246.2769	20	D	8	991.4121
2375.3195	21	E	7	876.3852
2446.3566	22	A	6	747.3426
2561.3835	23	D	5	676.3055
2690.4261	24	E	4	561.2785
2876.5054	25	W	3	432.2359
2947.5426	26	A	2	246.1566
	27	R	1	175.1195

N-term: +35.07 K(13) : +162.16
 K(17) : +162.16

VDTAAVGAVFDISNADR, MH+ 1754.9137, m/z 585.6427
 H OSG37 P180811 230811-s1.07657.07657.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

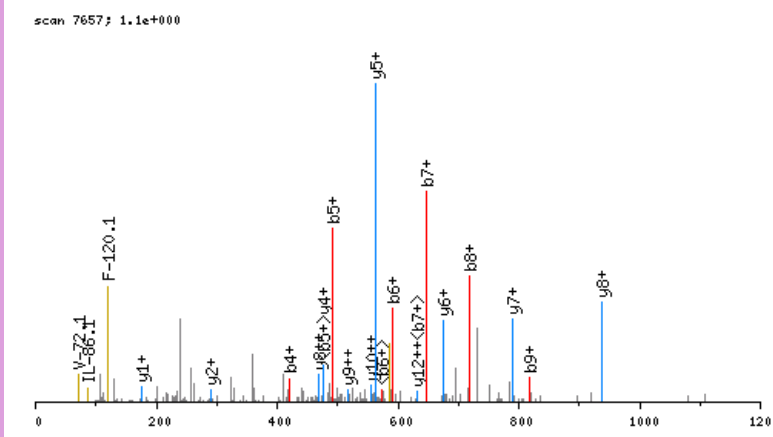
y + 2+ 3+

z + 2+ 3+

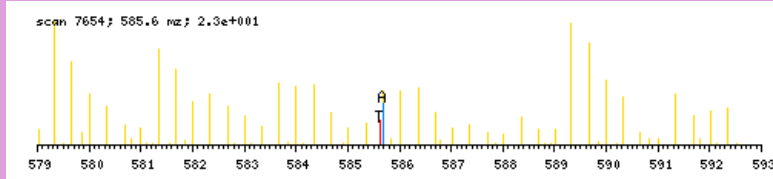
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
249.1663	2	D 16	1621.7822	811.3950
350.2139	3	T 15	1506.7552	753.8815
421.2510	4	A 14	1405.7076	703.3577
492.2882	5	A 13	1334.6705	667.8391
591.3566	6	V 12	1263.6333	632.3206
648.3780	7	G 11	1164.5649	582.7864
719.4152	8	A 10	1107.5435	554.2756
818.4836	9	V 9	1036.5063	518.7571
965.5520	10	F 8	937.4379	469.2229
1080.5789	11	D 7	790.3695	395.6887
1193.6630	12	I 6	675.3426	338.1752
1280.6950	13	S 5	562.2585	281.6332
1394.7379	14	N 4	475.2265	238.1172
1465.7751	15	A 3	361.1836	181.0957
1580.8020	16	D 2	290.1464	145.5771
	17	R 1	175.1195	88.0637

N-term:+35.07

VDVPAADLSDQVPDPTDSETR, MH+ 2158.0151, m/z 720.0099
 L OSG36 P180811 230811-s1.04046.04046.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

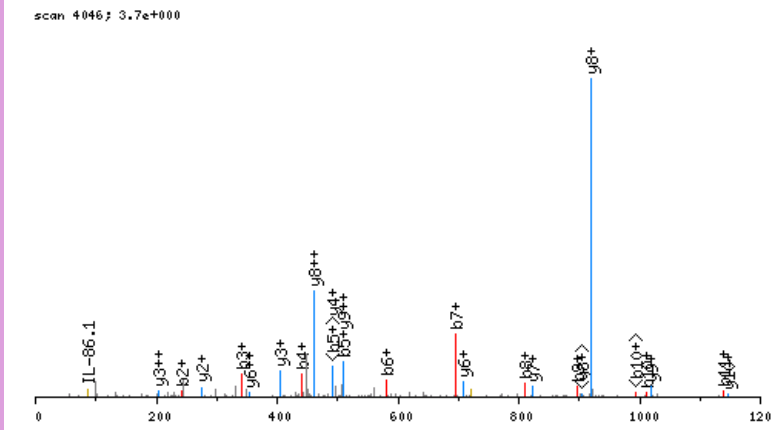
y + 2+ 3+

z + 2+ 3+

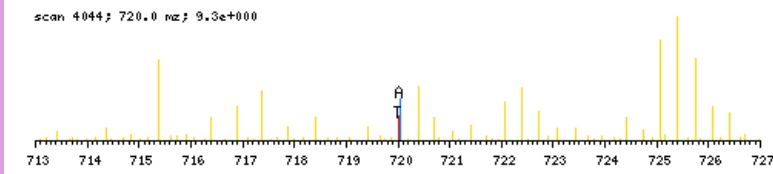
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
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

VEGELYCETHAR, MH+ 1491.6901, m/z 497.9016
 L OSG40 P180811 230811-s1.02821.02821.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

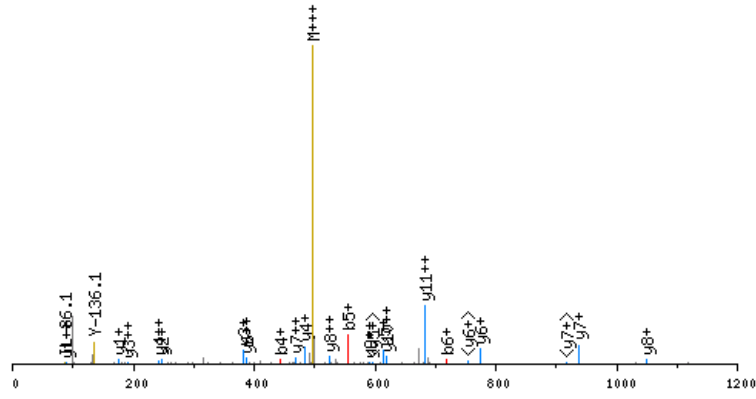
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

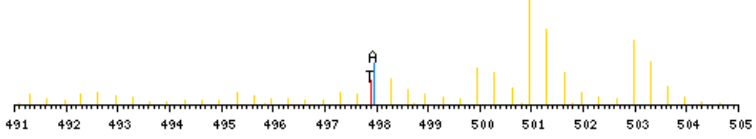
GO

scan 2821; 1.6e+001



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

scan 2819; 497.9 m/z; 1.1e+002



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

VELDLHSYDLGIENR, MH+ 1800.9132, m/z 600.9759
 L OSG39 P180811 230811-s1.06582.06582.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

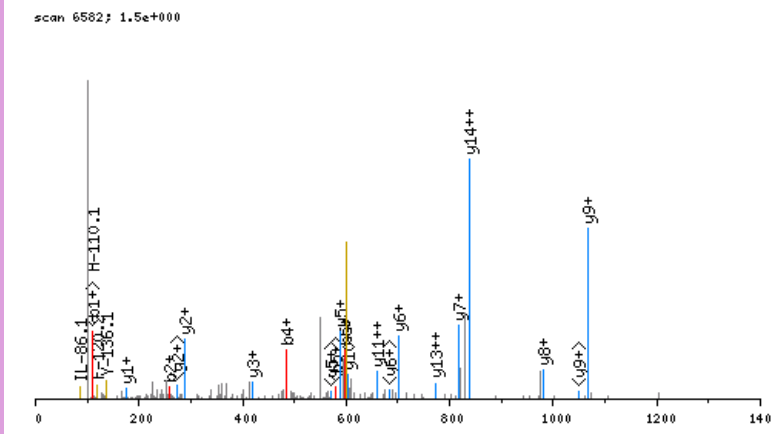
y + 2+ 3+

z + 2+ 3+

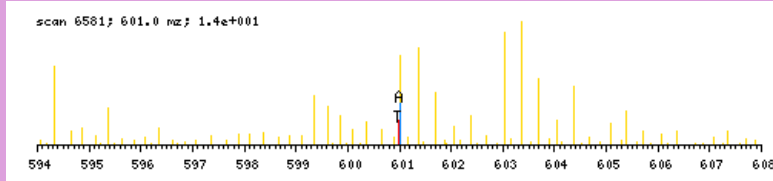
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
257.1501	2	E 14	1673.8135	837.4107
370.2342	3	L 13	1544.7709	772.8894
485.2611	4	D 12	1431.6868	716.3473
598.3452	5	L 11	1316.6599	658.8339
735.4041	6	H 10	1203.5758	602.2918
822.4361	7	S 9	1066.5169	533.7624
985.4994	8	Y 8	979.4849	490.2464
1100.5264	9	D 7	816.4216	408.7147
1213.6105	10	L 6	701.3946	351.2012
1270.6319	11	G 5	588.3105	294.6592
1383.7160	12	I 4	531.2891	266.1485
1512.7586	13	E 3	418.2050	209.6064
1626.8015	14	N 2	289.1624	145.0851
	15	R 1	175.1195	88.0637

N-term:+29.04

VESMVTATEVAPPPPPVEVPIR, MH+ 2343.2634, m/z 586.5713
L OSG36 P180811 230811-s1.05237.05237.4.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+

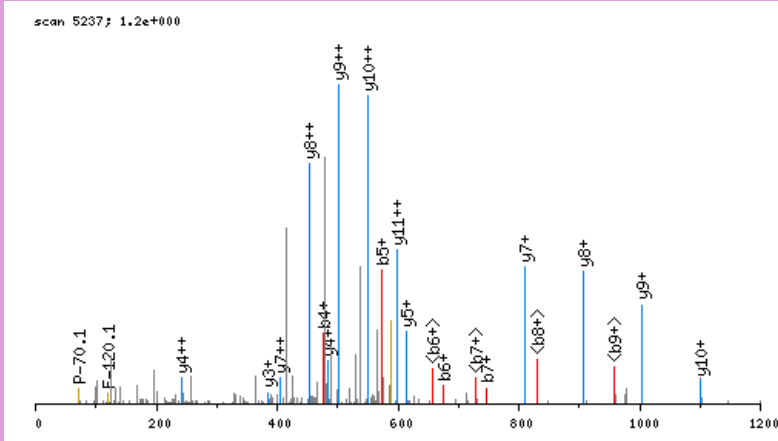
y + 2+ 3+

z + 2+ 3+

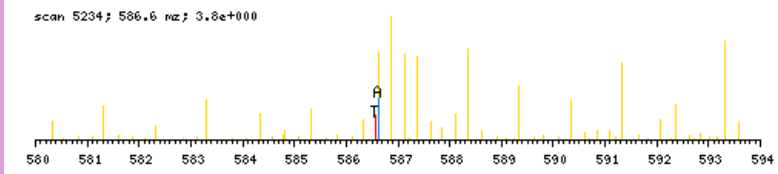
hide H₂O/NH₃

zoom 112-122

GO



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



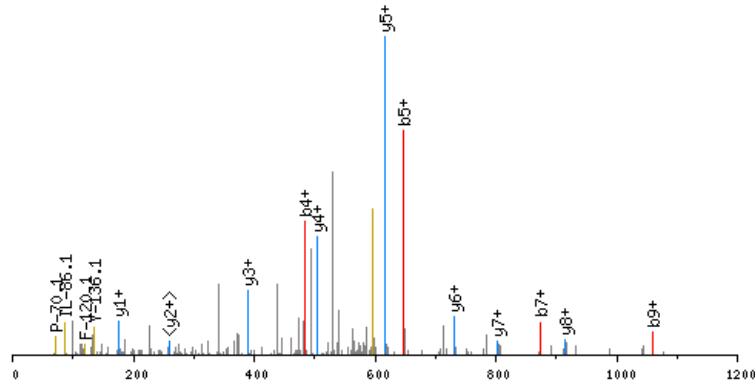
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 22		
257.1501	2	E 21	2216.1637	1108.5858
344.1821	3	S 20	2087.1211	1044.0645
475.2226	4	M 19	2000.0891	1000.5484
574.2910	5	V 18	1869.0486	935.0282
675.3387	6	T 17	1769.9802	885.4940
746.3758	7	A 16	1668.9325	834.9702
847.4235	8	T 15	1597.8954	799.4516
976.4661	9	E 14	1496.8477	748.9278
1075.5345	10	V 13	1367.8051	684.4065
1146.5716	11	A 12	1268.7367	634.8723
1243.6244	12	P 11	1197.6996	599.3537
1340.6772	13	P 10	1100.6468	550.8273
1437.7299	14	P 9	1003.5940	502.3009
1534.7827	15	P 8	906.5413	453.7746
1631.8354	16	P 7	809.4885	405.2482
1730.9039	17	V 6	712.4357	356.7218
1859.9465	18	E 5	613.3673	307.1876
1959.0149	19	V 4	484.3247	242.6663
2056.0676	20	P 3	385.2563	193.1321
2169.1517	21	I 2	288.2036	144.6057
	22	R 1	175.1195	88.0637

N-term:+29.04

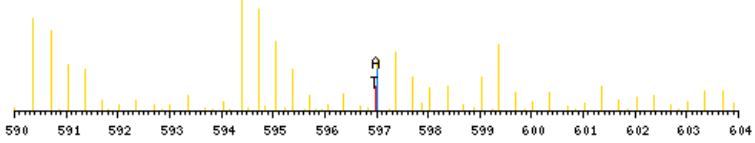
VEVEYPENAILDLTR, MH+ 1788.9383, m/z 596.9843
 L OSG37 P180811 230811-s1.08578.08578.3.dta

scan 8578; 1.2e+000



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

scan 8574; 597.0 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⁺
128.1075	1	V	15		
257.1501	2	E	14	1661.8386	831.4232
356.2185	3	V	13	1532.7960	766.9019
485.2611	4	E	12	1433.7276	717.3677
648.3244	5	Y	11	1304.6850	652.8464
745.3772	6	P	10	1141.6217	571.3148
874.4198	7	E	9	1044.5689	522.7884
988.4627	8	N	8	915.5264	458.2671
1059.4998	9	A	7	801.4834	401.2456
1172.5839	10	I	6	730.4463	365.7271
1285.6680	11	L	5	617.3623	309.1850
1400.6949	12	D	4	504.2782	252.6430
1513.7790	13	L	3	389.2512	195.1295
1614.8267	14	T	2	276.1672	138.5875
	15	R	1	175.1195	88.0637

N-term:+29.04

VEVGPEDEVEGAER, MH+ 1528.7131, m/z 764.8602
 L OSG37 P180811 230811-s1.03682.03682.2.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+

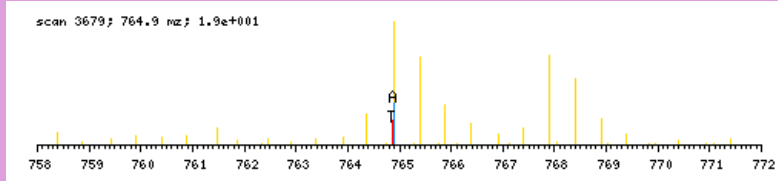
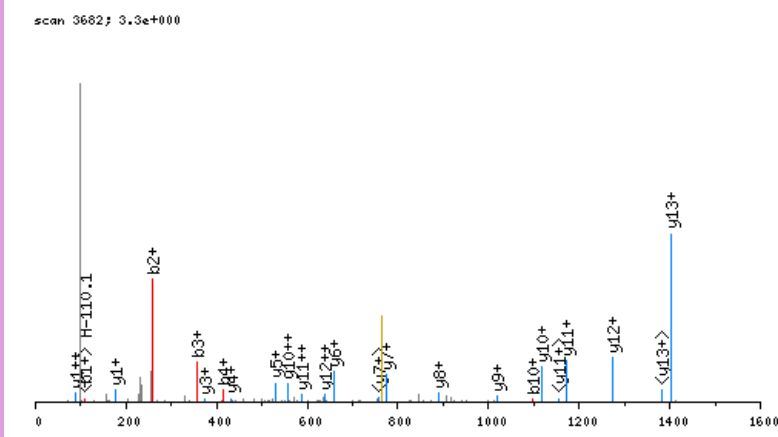
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

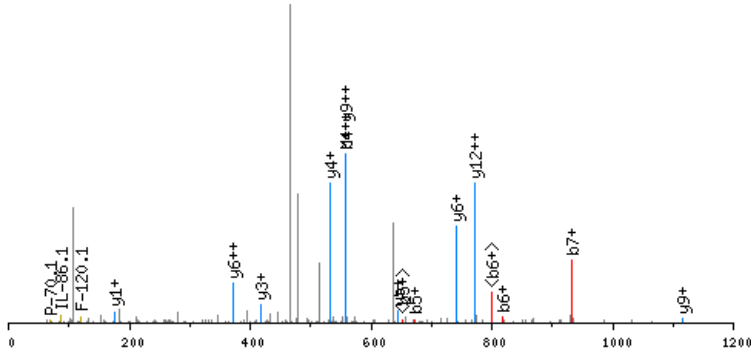


b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 14		
257.1501	2	E 13	1401.6134	701.3106
356.2185	3	V 12	1272.5708	636.7893
413.2400	4	G 11	1173.5024	587.2551
510.2927	5	P 10	1116.4809	558.7444
639.3353	6	E 9	1019.4282	510.2180
754.3623	7	D 8	890.3856	445.6967
869.3892	8	D 7	775.3586	388.1832
998.4318	9	E 6	660.3317	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

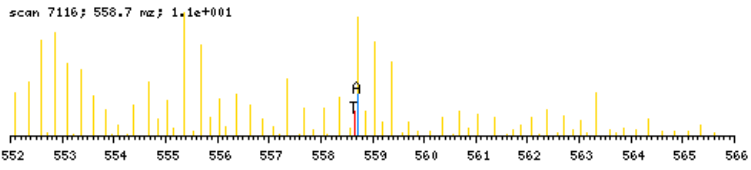
N-term:+29.04

VFKDLFDPIQDR, MH+ 1673.9903, m/z 558.6683
 H OSG39 P180811 230811-s1.07117.07117.3.dta

scan 7117; 2.5e+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⁺
134.1393	1	V	13		
281.2077	2	F	12	1540.8588	770.9333
443.3658	3	K	11	1393.7904	697.3991
558.3928	4	D	10	1231.6323	616.3201
671.4768	5	L	9	1116.6053	558.8066
818.5452	6	F	8	1003.5213	502.2645
933.5722	7	D	7	856.4529	428.7303
1030.6250	8	P	6	741.4259	371.2169
1143.7090	9	I	5	644.3731	322.6905
1256.7931	10	I	4	531.2891	266.1485
1384.8517	11	Q	3	418.2050	209.6064
1499.8786	12	D	2	290.1464	145.5771
	13	R	1	175.1195	88.0637

N-term:+35.07 K(3):+162.16

VGAVQPVLGMPPMPQAPR, MH+ 1873.0192, m/z 625.0112
 L OSG36 P180811 230811-s1.03723.03723.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

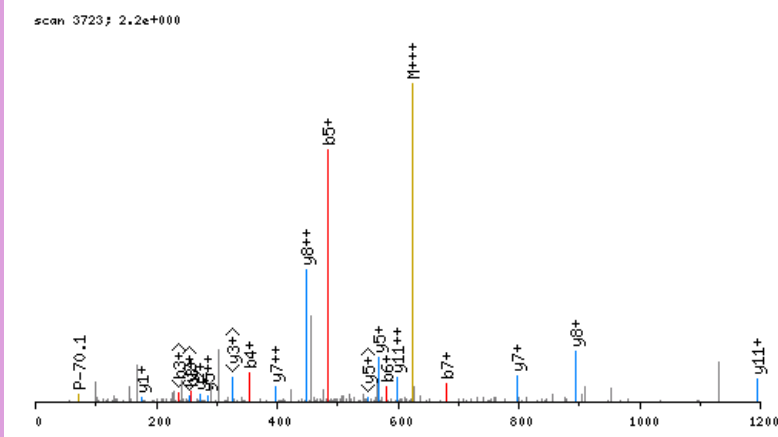
y + 2+ 3+

z + 2+ 3+

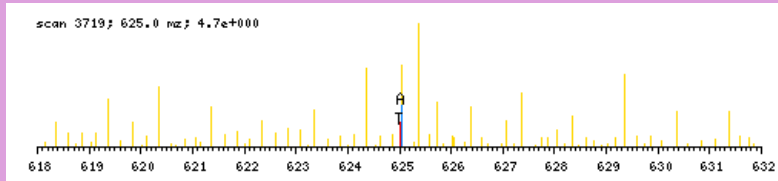
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 18		
185.1290	2	G 17	1745.9195	873.4637
256.1661	3	A 16	1688.8980	844.9529
355.2345	4	V 15	1617.8609	809.4344
483.2931	5	Q 14	1518.7925	759.9002
580.3458	6	P 13	1390.7339	695.8709
679.4143	7	V 12	1293.6812	647.3445
792.4983	8	L 11	1194.6127	597.8103
849.5198	9	G 10	1081.5287	541.2683
980.5603	10	M 9	1024.5072	512.7575
1077.6130	11	P 8	893.4667	447.2373
1174.6658	12	P 7	796.4140	398.7109
1305.7063	13	M 6	699.3612	350.1845
1402.7590	14	P 5	568.3207	284.6643
1530.8176	15	Q 4	471.2680	236.1379
1601.8547	16	A 3	343.2094	172.1086
1698.9075	17	P 2	272.1723	136.5900
	18	R 1	175.1195	88.0637

N-term:+29.04

VGAVQPVPGMPPMQAPR, MH+ 1863.0197, m/z 621.6781
 H OSG36 P180811 230811-s1.04537.04537.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

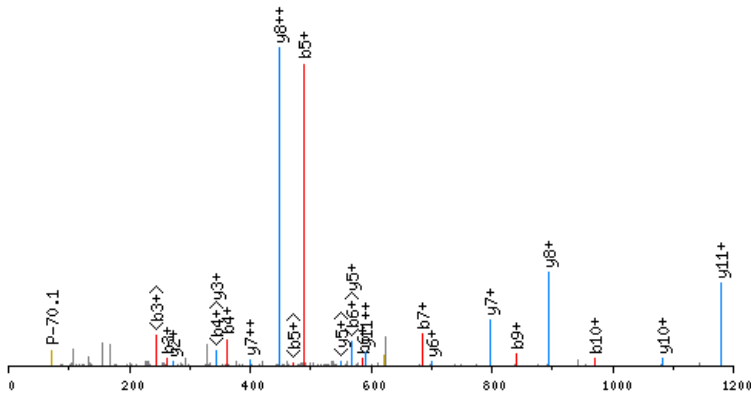
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

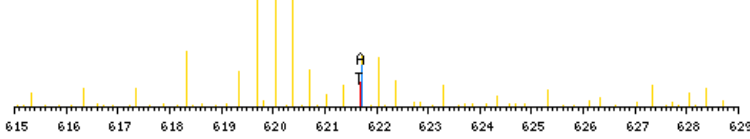
GO

scan 4537; 3.2e+000



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

scan 4534; 621.7 m/z; 6.7e+000



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

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V 18		
191.1608	2	G 17	1729.8882	865.4480
262.1979	3	A 16	1672.8667	836.9373
361.2663	4	V 15	1601.8296	801.4187
489.3249	5	Q 14	1502.7612	751.8845
586.3776	6	P 13	1374.7026	687.8552
685.4461	7	V 12	1277.6499	639.3288
782.4988	8	P 11	1178.5814	589.7946
839.5203	9	G 10	1081.5287	541.2683
970.5608	10	M 9	1024.5072	512.7575
1067.6135	11	P 8	893.4667	447.2373
1164.6663	12	P 7	796.4140	398.7109
1295.7068	13	M 6	699.3612	350.1845
1392.7595	14	P 5	568.3207	284.6643
1520.8181	15	Q 4	471.2680	236.1379
1591.8552	16	A 3	343.2094	172.1086
1688.9080	17	P 2	272.1723	136.5900
	18	R 1	175.1195	88.0637

N-term:+35.07

VGEGMEEGEGFSEAR, MH+ 1560.7064, m/z 780.8568
 H OSG37 P180811 230811-s1.04068.04068.2.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+

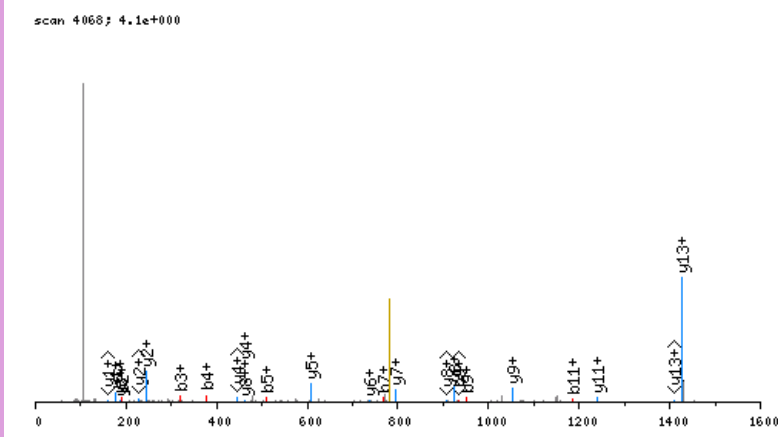
y + 2+ 3+

z + 2+ 3+

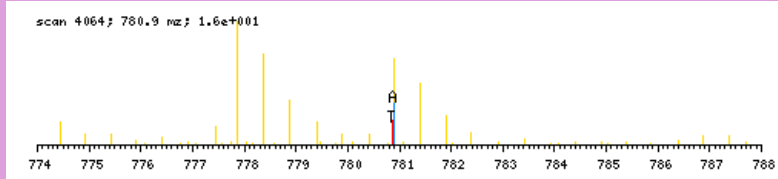
hide H₂O/NH₃

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⁺
134.1393	1	V 14		
191.1608	2	G 13	1427.5749	714.2914
320.2034	3	E 12	1370.5534	685.7806
377.2248	4	G 11	1241.5108	621.2593
508.2653	5	M 10	1184.4894	592.7486
637.3079	6	E 9	1053.4489	527.2284
766.3505	7	E 8	924.4063	462.7071
823.3720	8	G 7	795.3637	398.1858
952.4146	9	E 6	738.3422	369.6750
1099.4830	10	F 5	609.2997	305.1537
1186.5150	11	S 4	462.2312	231.6195
1315.5576	12	E 3	375.1992	188.1035
1386.5947	13	A 2	246.1566	123.5822
	14	R 1	175.1195	88.0637

N-term:+35.07

VGQPGAAGPVSPMCPGR, MH+ 1671.8522, m/z 557.9556
 H OSG37 P180811 230811-s1.03878.03878.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

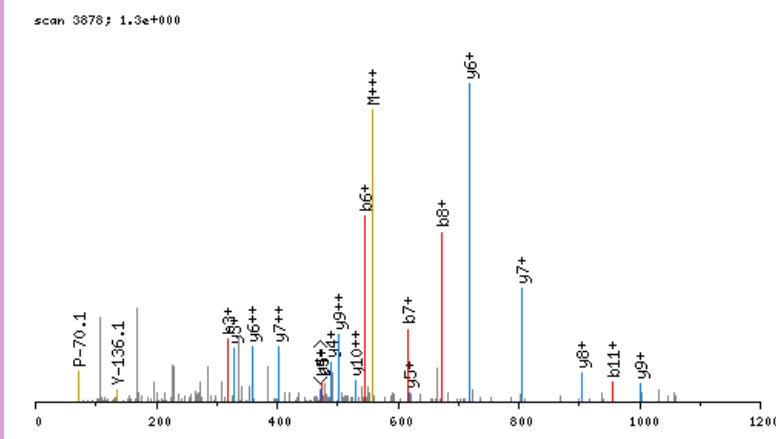
y + 2+ 3+

z + 2+ 3+

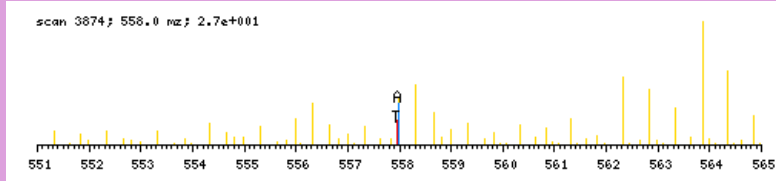
hide H₂O/NH₃

zoom 112-122

GO



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



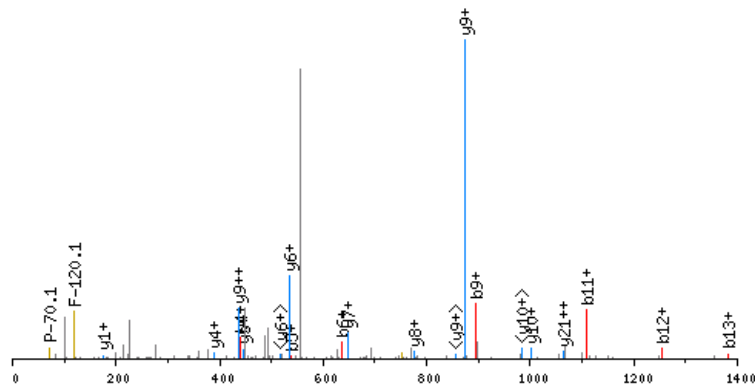
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V 17		
191.1608	2	G 16	1538.7207	769.8643
319.2194	3	Q 15	1481.6993	741.3536
416.2721	4	P 14	1353.6407	677.3243
473.2936	5	G 13	1256.5879	628.7979
544.3307	6	A 12	1199.5665	600.2871
615.3678	7	A 11	1128.5294	564.7686
672.3893	8	G 10	1057.4922	529.2500
769.4420	9	P 9	1000.4708	500.7393
868.5105	10	V 8	903.4180	452.2129
955.5425	11	S 7	804.3496	402.6787
1052.5952	12	P 6	717.3176	359.1627
1183.6357	13	M 5	620.2648	310.6363
1343.6663	14	C 4	489.2243	245.1161
1440.7191	15	P 3	329.1937	165.1008
1497.7406	16	G 2	232.1410	116.5744
	17	R 1	175.1195	88.0637

N-term:+35.07 C(14):+160.03

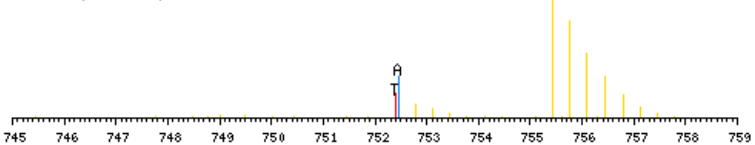
VGVKPVGSDPDFQPELSGAGSR, MH+ 2255.1672, m/z 752.3939
 L OSG39 P180811 230811-s1.04569.04569.3.dta

scan 4569; 3.4e+000



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

scan 4566; 752.4 mz; 2.1e+002



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⁺
128.1075	1	V 22		
185.1290	2	G 21	2128.0675	1064.5377
284.1974	3	V 20	2071.0460	1036.0269
440.3237	4	K 19	1971.9776	986.4927
537.3765	5	P 18	1815.8513	908.4296
636.4449	6	V 17	1718.7986	859.9032
693.4663	7	G 16	1619.7302	810.3690
780.4984	8	S 15	1562.7087	781.8583
895.5253	9	D 14	1475.6767	738.3422
992.5781	10	P 13	1360.6497	680.8288
1107.6050	11	D 12	1263.5970	632.3024
1254.6734	12	F 11	1148.5700	574.7889
1382.7320	13	Q 10	1001.5016	501.2547
1479.7848	14	P 9	873.4430	437.2254
1608.8274	15	E 8	776.3903	388.6990
1721.9114	16	L 7	647.3477	324.1777
1808.9435	17	S 6	534.2636	267.6357
1865.9649	18	G 5	447.2316	224.1197
1937.0020	19	A 4	390.2101	195.6090
1994.0235	20	G 3	319.1730	160.0904
2081.0555	21	S 2	262.1515	131.5797
	22	R 1	175.1195	88.0637

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

VGVPTEGTALTLNR, MH+ 1455.8171, m/z 485.9439
 L OSG37 P180811 230811-s1.05542.05542.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

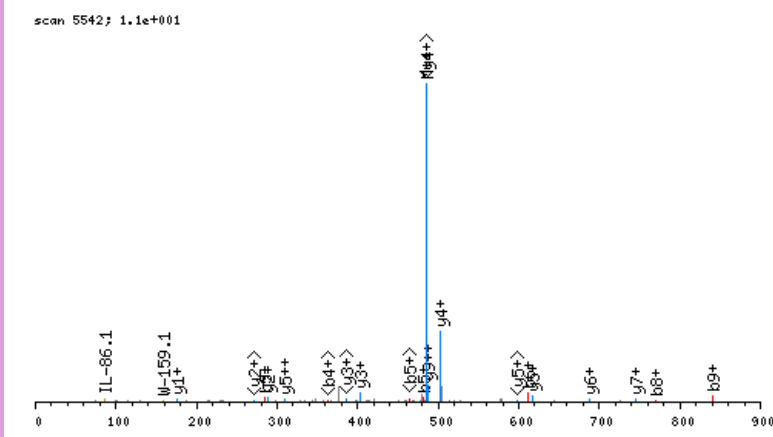
y + 2+ 3+

z + 2+ 3+

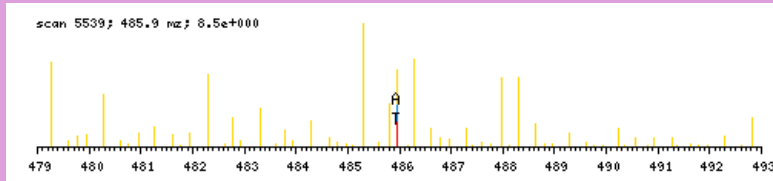
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1328.7174	664.8626
284.1974	3	V 12	1271.6959	636.3519
381.2502	4	P 11	1172.6275	586.8177
482.2978	5	T 10	1075.5748	538.2913
611.3404	6	E 9	974.5271	487.7675
712.3881	7	T 8	845.4845	423.2462
769.4096	8	G 7	744.4368	372.7223
840.4467	9	A 6	687.4153	344.2116
953.5307	10	L 5	616.3782	308.6930
1054.5784	11	T 4	503.2942	252.1510
1167.6625	12	L 3	402.2465	201.6272
1281.7054	13	N 2	289.1624	145.0851
	14	R 1	175.1195	88.0637

N-term:+29.04

VISQHQSLGNIR, MH+ 1492.8600, m/z 498.2915
 L OSG40 P180811 230811-s1.04777.04777.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

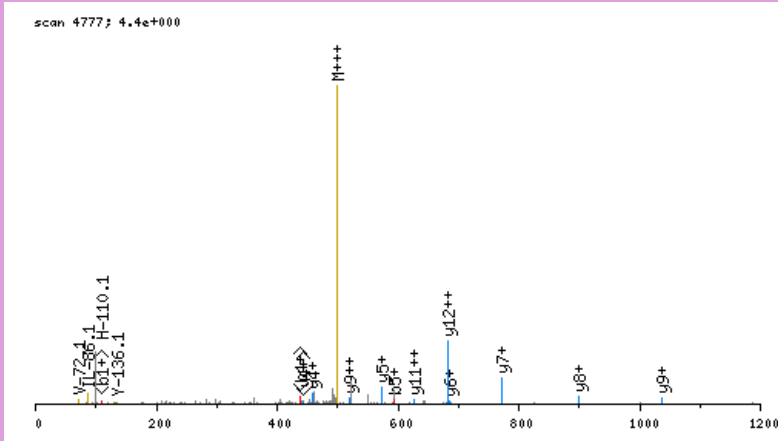
y + 2+ 3+

z + 2+ 3+

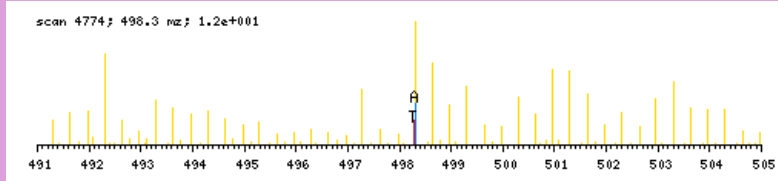
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

VKGEYDVTVPR, MH+ 1318.7371, m/z 440.2505
 L OSG40 P180811 230811-s1.03335.03335.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

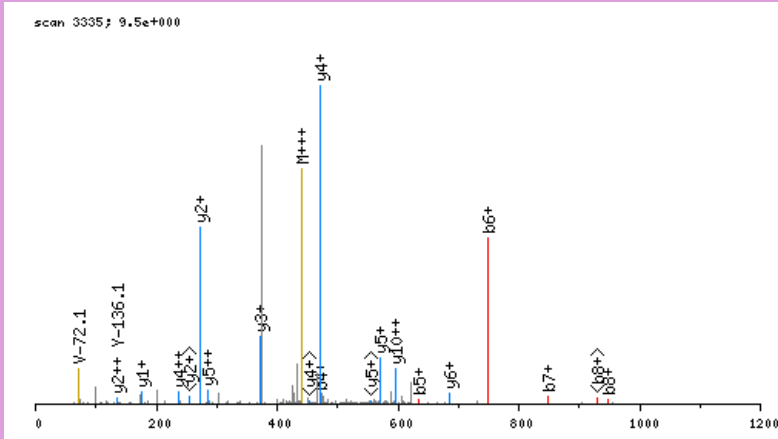
y + 2+ 3+

z + 2+ 3+

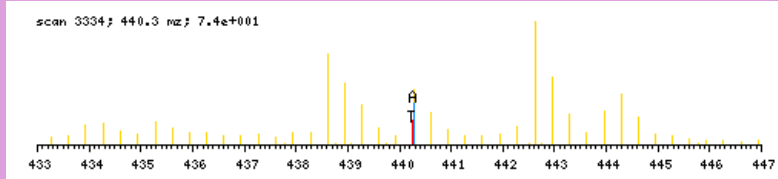
hide H₂O/NH₃

zoom 112-122

GO



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



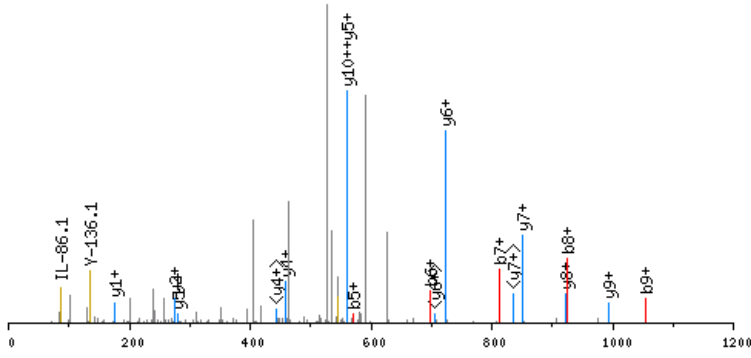
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V	11	
284.2338	2	K	10	596.3226
341.2553	3	G	9	518.2595
470.2979	4	E	8	489.7487
633.3612	5	Y	7	425.2274
748.3881	6	D	6	343.6958
847.4566	7	V	5	286.1823
948.5042	8	T	4	236.6481
1047.5726	9	V	3	186.1243
1144.6254	10	P	2	136.5900
	11	R	1	88.0637

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

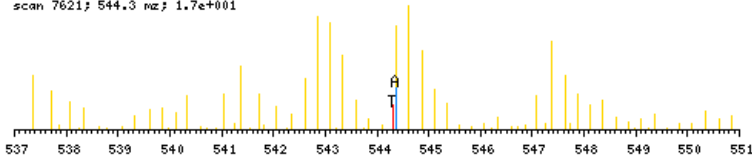
VKLTAELIEQAQYTNVAVR, MH+ 2174.2185, m/z 544.3101
 L OSG39 P180811 230811-s1.07623.07623.4.dta

scan 7623; 1.8e+000



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

scan 7621; 544.3 nz; 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⁺
128.1075	1	V 19		
284.2338	2	K 18	2047.1188	1024.0633
397.3179	3	L 17	1890.9925	946.0002
498.3656	4	T 16	1777.9085	889.4581
569.4027	5	A 15	1676.8608	838.9343
698.4453	6	E 14	1605.8237	803.4157
811.5293	7	L 13	1476.7811	738.8944
924.6134	8	I 12	1363.6970	682.3524
1053.6560	9	E 11	1250.6129	625.8104
1181.7146	10	Q 10	1121.5703	561.2891
1252.7517	11	A 9	993.5118	497.2598
1323.7888	12	A 8	922.4747	461.7412
1451.8474	13	Q 7	851.4375	426.2227
1614.9107	14	Y 6	723.3790	362.1934
1715.9584	15	T 5	560.3156	280.6617
1830.0013	16	N 4	459.2680	230.1379
1901.0384	17	A 3	345.2250	173.1164
2000.1068	18	V 2	274.1879	137.5979
	19	R 1	175.1195	88.0637

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

VKLIVESGGGLVQPGGSLR, MH+ 1809.0598, m/z 603.6915
 L OSG39 P180811 230811-s1.04908.04908.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

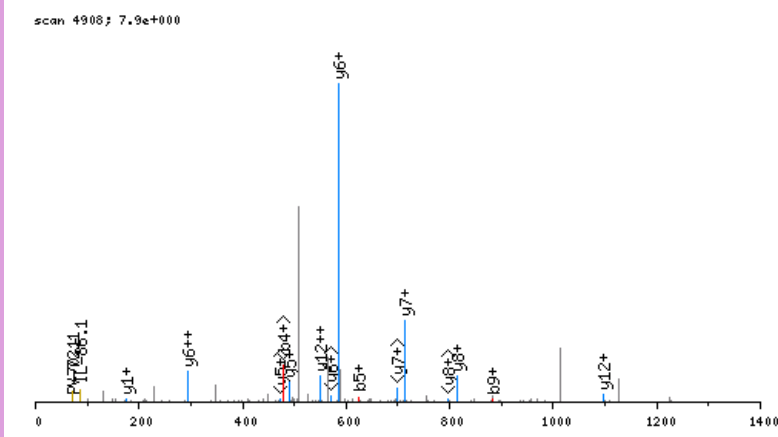
y + 2+ 3+

z + 2+ 3+

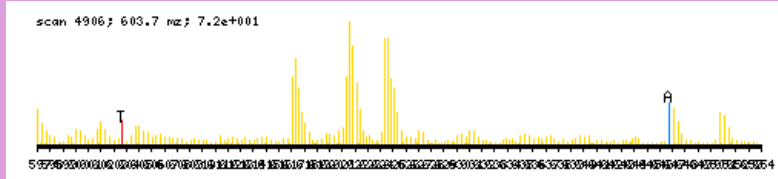
hide H₂O/NH₃

zoom 112-122

GO



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



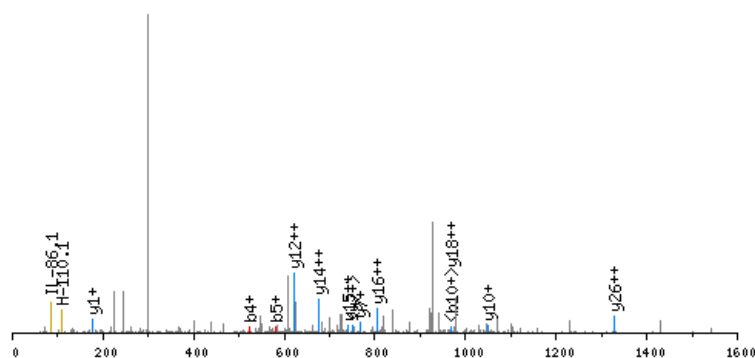
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 18		
284.2338	2	K 17	1681.9601	841.4840
397.3179	3	L 16	1525.8338	763.4208
496.3863	4	V 15	1412.7498	706.8788
625.4289	5	E 14	1313.6814	657.3446
712.4609	6	S 13	1184.6388	592.8233
769.4824	7	G 12	1097.6067	549.3073
826.5038	8	G 11	1040.5853	520.7965
883.5253	9	G 10	983.5638	492.2858
996.6094	10	L 9	926.5423	463.7751
1095.6778	11	V 8	813.4583	407.2331
1223.7364	12	Q 7	714.3899	357.6988
1320.7891	13	P 6	586.3313	293.6696
1377.8106	14	G 5	489.2785	245.1432
1434.8321	15	G 4	432.2571	216.6324
1521.8641	16	S 3	375.2356	188.1217
1634.9481	17	L 2	288.2036	144.6057
	18	R 1	175.1195	88.0637

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

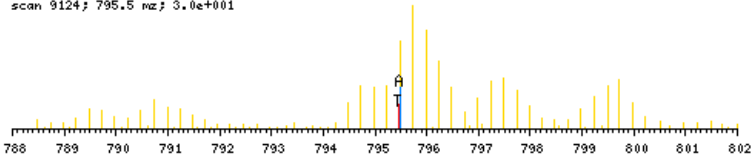
VKNLGFGGGSEKKEEGGTSDPAAAKGMTR, MH+ 3178.7904, m/z 795.4530
 H OSG40 P180811 230811-s1.09128.09128.4.dta

scan 9128; 4.8e+000



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

scan 9124; 795.5 nz; 3.0e+001



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

b ⁺	#	AA	#	y ⁺	y ²⁺
134.1393	1	V	30		
296.2974	2	K	29	3045.6589	1523.3333
410.3403	3	N	28	2883.5008	1442.2543
523.4244	4	L	27	2769.4578	1385.2328
580.4459	5	G	26	2656.3738	1328.6908
727.5143	6	F	25	2599.3523	1300.1801
784.5357	7	G	24	2452.2839	1226.6459
841.5572	8	G	23	2395.2624	1198.1351
898.5787	9	G	22	2338.2410	1169.6244
985.6107	10	S	21	2281.2195	1141.1137
1114.6533	11	E	20	2194.1875	1097.5977
1243.6959	12	E	19	2065.1449	1033.0764
1405.8540	13	K	18	1936.1023	968.5551
1568.0121	14	K	17	1773.9442	887.4760
1697.0547	15	E	16	1611.7861	806.3970
1826.0973	16	E	15	1482.7435	741.8757
1883.1187	17	G	14	1353.7009	677.3544
1940.1402	18	G	13	1296.6794	648.8436
2041.1879	19	T	12	1239.6580	620.3329
2128.2199	20	S	11	1138.6103	569.8091
2243.2469	21	D	10	1051.5783	526.2931
2340.2996	22	P	9	936.5513	468.7796
2411.3367	23	A	8	839.4986	420.2532
2482.3738	24	A	7	768.4615	384.7346
2553.4110	25	A	6	697.4243	349.2161
2715.5691	26	K	5	626.3872	313.6975
2772.5905	27	G	4	464.2291	232.6185
2903.6310	28	M	3	407.2077	204.1077
3004.6787	29	T	2	276.1672	138.5875
	30	R	1	175.1195	88.0637

N-term:+35.07 K(2):+162.16
 K(13):+162.16 K(14):+162.16
 K(26):+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

VLASEPEIIPKGIK, MH+ 1476.9426, m/z 492.9857
 H OSG39 P180811 230811-s1.03928.03928.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

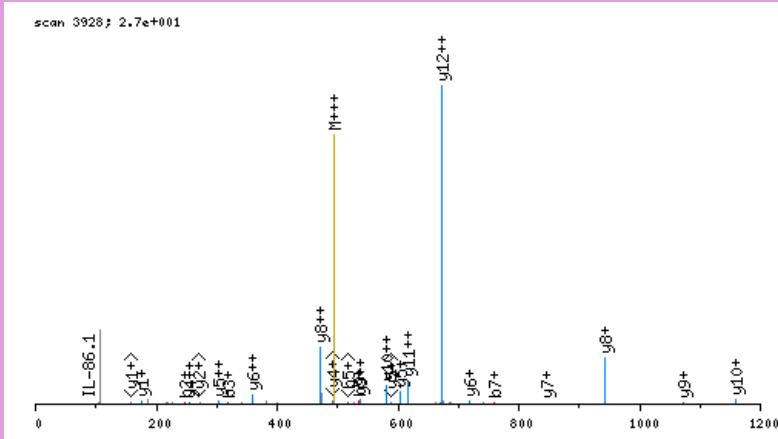
y + 2+ 3+

z + 2+ 3+

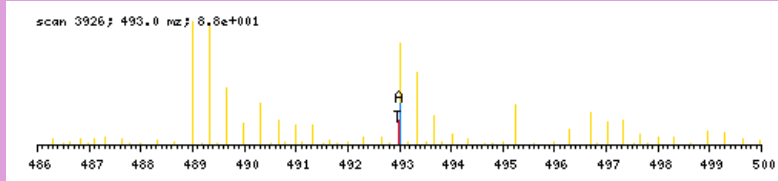
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	
247.2234	2	L	12	1343.8111 672.4095
318.2605	3	A	11	1230.7270 615.8674
405.2925	4	S	10	1159.6899 580.3489
534.3351	5	E	9	1072.6579 536.8329
631.3879	6	P	8	943.6153 472.3116
760.4305	7	E	7	846.5625 423.7852
873.5145	8	I	6	717.5200 359.2639
970.5673	9	P	5	604.4359 302.7219
1132.7254	10	K	4	507.3831 254.1955
1189.7469	11	G	3	345.2250 173.1164
1302.8309	12	I	2	288.2036 144.6057
	13	R	1	175.1195 88.0637

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

VLDDGGEVDLDLGNRYER, MH+ 1906.9034, m/z 636.3060
 L OSG37 P180811 230811-s1.07070.07070.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

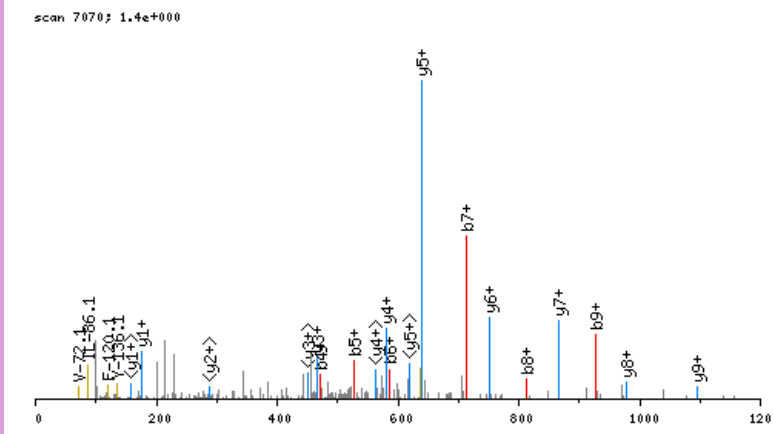
y + 2+ 3+

z + 2+ 3+

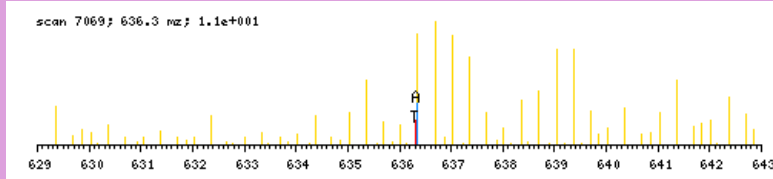
hide H₂O/NH₃

zoom 112-122

GO



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



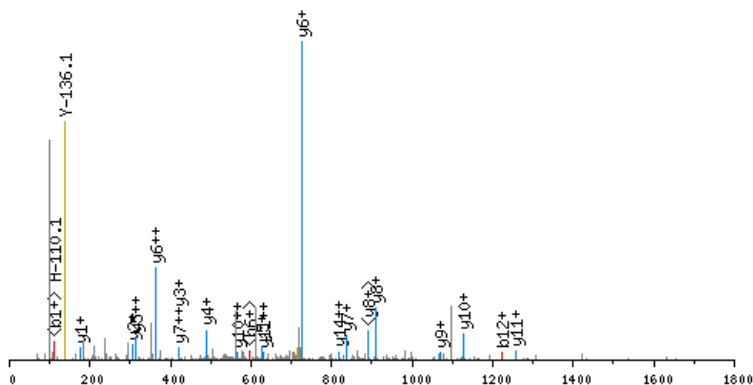
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 17		
241.1916	2	L 16	1779.8037	890.4058
356.2185	3	D 15	1666.7196	833.8637
471.2455	4	D 14	1551.6927	776.3503
528.2669	5	G 13	1436.6658	718.8368
585.2884	6	G 12	1379.6443	690.3261
714.3310	7	E 11	1322.6228	661.8153
813.3994	8	V 10	1193.5802	597.2940
928.4263	9	D 9	1094.5118	547.7598
1041.5104	10	L 8	979.4849	490.2464
1156.5373	11	D 7	866.4008	433.7043
1269.6214	12	L 6	751.3739	376.1909
1326.6429	13	G 5	638.2898	319.6488
1440.6858	14	N 4	581.2683	291.1381
1603.7491	15	Y 3	467.2254	234.1166
1732.7917	16	E 2	304.1621	152.5850
	17	R 1	175.1195	88.0637

N-term:+29.04

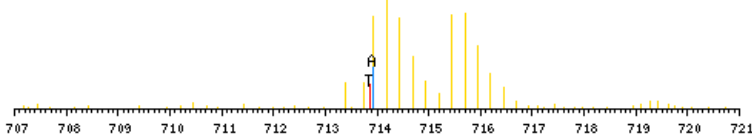
VLDSDGVTHTNVPIYEGYALPHAIRM, MH+ 2852.4405, m/z 713.8656
 L OSG40 P180811 230811-s1.08175.08175.4.dta

scan 8175; 1.1e+001



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

scan 8174; 713.9 mz; 1.0e+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⁺
128.1075	1	V 26		
241.1916	2	L 25	2725.3408	1363.1743
356.2185	3	D 24	2612.2567	1306.6323
443.2505	4	S 23	2497.2298	1249.1188
500.2720	5	G 22	2410.1978	1205.6028
615.2990	6	D 21	2353.1763	1177.0921
672.3204	7	G 20	2238.1494	1119.5786
771.3888	8	V 19	2181.1279	1091.0679
872.4365	9	T 18	2082.0595	1041.5337
1009.4954	10	H 17	1981.0118	991.0098
1123.5384	11	N 16	1843.9529	922.4804
1222.6068	12	V 15	1729.9100	865.4589
1319.6595	13	P 14	1630.8416	815.9247
1432.7436	14	I 13	1533.7888	767.3983
1595.8069	15	Y 12	1420.7047	710.8563
1724.8495	16	E 11	1257.6414	629.3246
1781.8710	17	G 10	1128.5988	564.8033
1944.9343	18	Y 9	1071.5773	536.2926
2015.9714	19	A 8	908.5140	454.7609
2129.0555	20	L 7	837.4769	419.2424
2226.1082	21	P 6	724.3928	362.7003
2363.1672	22	H 5	627.3401	314.1740
2434.2043	23	A 4	490.2812	245.6445
2547.2883	24	I 3	419.2440	210.1259
2678.3288	25	M 2	306.1600	153.5839
	26	R 1	175.1195	88.0637

N-term:+29.04

VLESTMVCDNSEYMR, MH+ 1966.9136, m/z 656.3094
 H OSG37 P180811 230811-s1.06020.06020.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

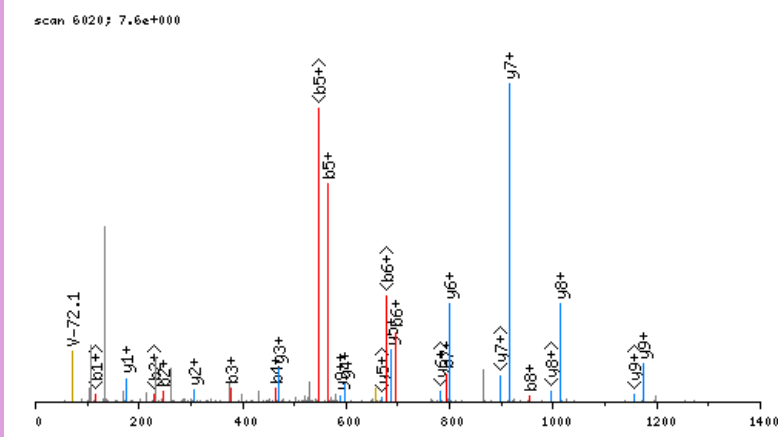
y + 2+ 3+

z + 2+ 3+

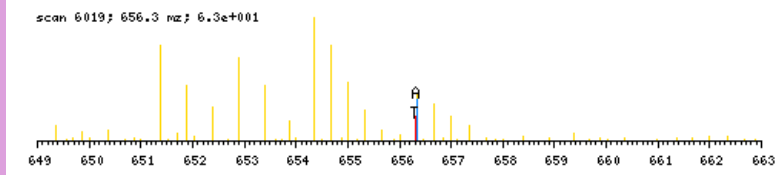
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
247.2234	2	L 15	1833.7821	917.3950
376.2660	3	E 14	1720.6980	860.8529
463.2980	4	S 13	1591.6554	796.3316
564.3457	5	T 12	1504.6234	752.8156
695.3862	6	M 11	1403.5757	702.2918
794.4546	7	V 10	1272.5352	636.7715
954.4852	8	C 9	1173.4668	587.2373
1053.5536	9	V 8	1013.4362	507.2220
1168.5805	10	D 7	914.3678	457.6878
1282.6235	11	N 6	799.3409	400.1743
1369.6555	12	S 5	685.2979	343.1529
1498.6981	13	E 4	598.2659	299.6369
1661.7614	14	Y 3	469.2233	235.1156
1792.8019	15	M 2	306.1600	153.5839
	16	R 1	175.1195	88.0637

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

VLPGESEGEPLTPALGEAAR, MH+ 2108.0875, m/z 703.3674
 L OSG36 P180811 230811-s1.04423.04423.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

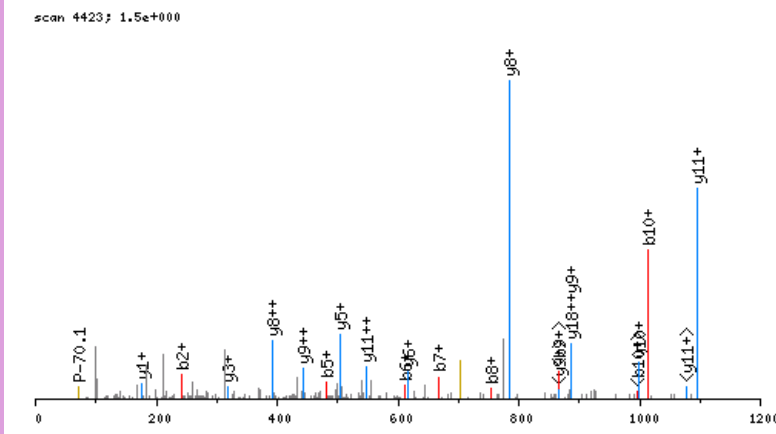
y + 2+ 3+

z + 2+ 3+

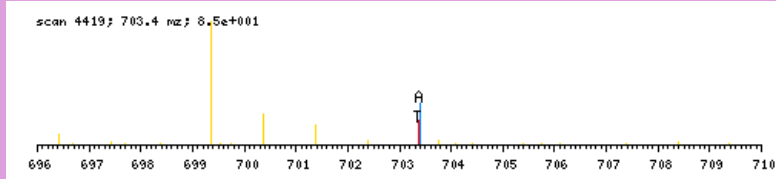
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1980.9878	990.9978
338.2443	3	P 19	1867.9038	934.4558
395.2658	4	G 18	1770.8510	885.9294
482.2978	5	S 17	1713.8295	857.4187
611.3404	6	E 16	1626.7975	813.9027
668.3619	7	G 15	1497.7549	749.3814
755.3939	8	S 14	1440.7334	720.8706
884.4365	9	E 13	1353.7014	677.3546
1013.4791	10	E 12	1224.6588	612.8333
1110.5319	11	P 11	1095.6162	548.3120
1223.6159	12	L 10	998.5635	499.7856
1324.6636	13	T 9	885.4794	443.2436
1421.7164	14	P 8	784.4317	392.7198
1492.7535	15	A 7	687.3790	344.1934
1605.8376	16	L 6	616.3418	308.6748
1662.8590	17	G 5	503.2578	252.1328
1791.9016	18	E 4	446.2363	223.6221
1862.9387	19	A 3	317.1937	159.1008
1933.9758	20	A 2	246.1566	123.5822
	21	R 1	175.1195	88.0637

N-term:+29.04

VLQEIILESDGKGPDKPSGFR, MH+ 2370.2669, m/z 593.3222
 L OSG40 P180811 230811-s1.05640.05640.4.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+

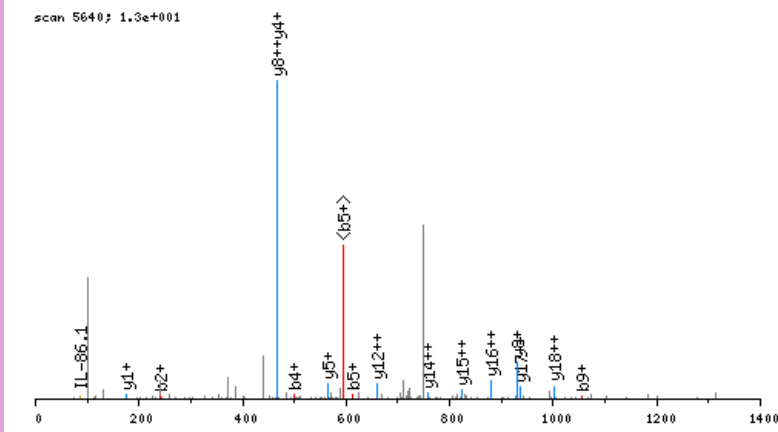
y + 2+ 3+

z + 2+ 3+

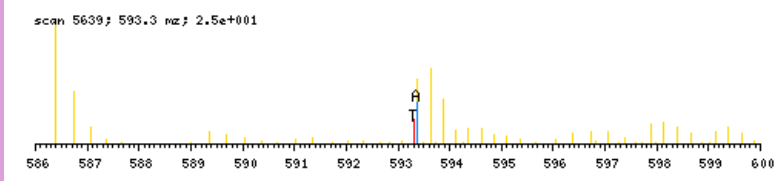
hide H₂O/NH₃

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

VLSEVCGQDITTKHMLPTVLR, MH+ 2453.3260, m/z 614.0870
 L OSG40 P180811 230811-s1.07201.07201.4.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+

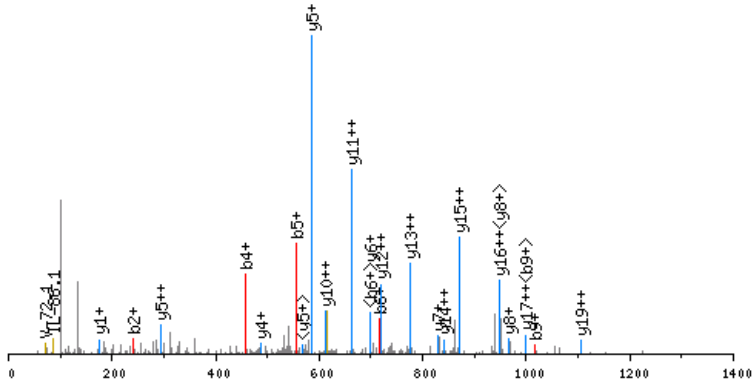
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

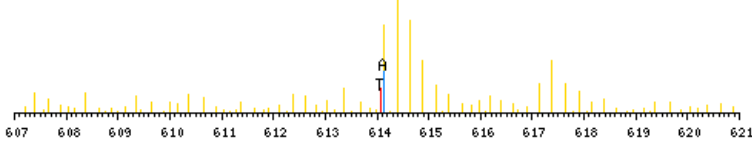
GO

scan 7201; 2.4e+000



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

scan 7199; 614.1 m/z; 2.6e+001



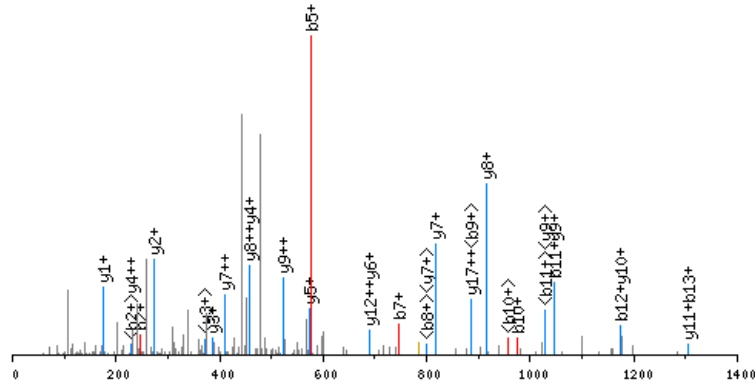
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 21		
241.1916	2	L 20	2326.2263	1163.6171
328.2236	3	S 19	2213.1422	1107.0750
457.2662	4	E 18	2126.1102	1063.5590
556.3346	5	V 17	1997.0676	999.0377
716.3652	6	C 16	1897.9992	949.5035
773.3867	7	G 15	1737.9686	869.4882
901.4453	8	Q 14	1680.9471	840.9775
1016.4722	9	D 13	1552.8885	776.9482
1129.5563	10	I 12	1437.8616	719.4347
1230.6039	11	T 11	1324.7775	662.8927
1331.6516	12	T 10	1223.7299	612.3688
1487.7779	13	K 9	1122.6822	561.8450
1624.8368	14	H 8	966.5559	483.7819
1755.8773	15	M 7	829.4970	415.2524
1868.9614	16	L 6	698.4565	349.7322
1966.0141	17	P 5	585.3724	293.1901
2067.0618	18	T 4	488.3197	244.6637
2166.1302	19	V 3	387.2720	194.1399
2279.2143	20	L 2	288.2036	144.6057
	21	R 1	175.1195	88.0637

N-term:+29.04 C(6):+160.03
 K(13):+156.13

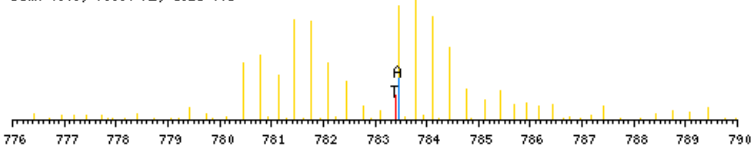
VLSNEPAASAAEEVEDDALVR, MH+ 2348.1681, m/z 783.3942
H OSG36 P180811 230811-s1.04911.04911.3.dta

scan 4911; 1.3e+000



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

scan 4909; 783.4 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⁺
134.1393	1	V 22		
247.2234	2	L 21	2215.0366	1108.0222
334.2554	3	S 20	2101.9526	1051.4802
448.2983	4	N 19	2014.9205	1007.9642
577.3409	5	E 18	1900.8776	950.9427
674.3937	6	P 17	1771.8350	886.4214
745.4308	7	A 16	1674.7822	837.8950
816.4679	8	A 15	1603.7451	802.3765
903.4999	9	S 14	1532.7080	766.8579
974.5371	10	A 13	1445.6760	723.3419
1045.5742	11	A 12	1374.6389	687.8234
1174.6168	12	E 11	1303.6018	652.3048
1303.6594	13	E 10	1174.5592	587.7835
1432.7020	14	E 9	1045.5166	523.2622
1531.7704	15	V 8	916.4740	458.7409
1660.8130	16	E 7	817.4056	409.2067
1775.8399	17	D 6	688.3630	344.6854
1890.8668	18	D 5	573.3360	287.1719
1961.9040	19	A 4	458.3091	229.6585
2074.9880	20	L 3	387.2720	194.1399
2174.0564	21	V 2	274.1879	137.5979
	22	R 1	175.1195	88.0637

N-term:+35.07

VLTPSNLGTGLR, MH+ 1421.7998, m/z 474.6048
 H OSG37 P180811 230811-s1.04922.04922.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

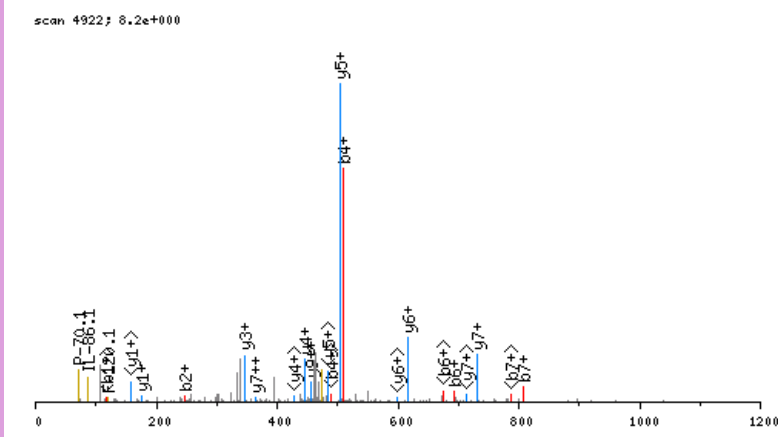
y + 2+ 3+

z + 2+ 3+

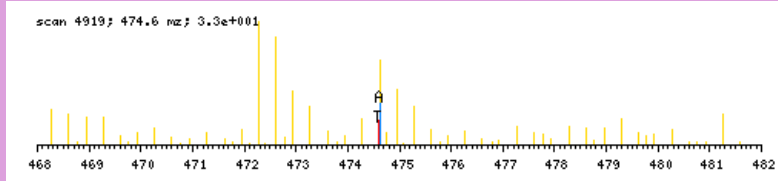
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
247.2234	2	L 12	1288.6683	644.8381
348.2711	3	T 11	1175.5842	588.2960
508.3017	4	C 10	1074.5366	537.7722
605.3544	5	P 9	914.5060	457.7569
692.3864	6	S 8	817.4532	409.2305
806.4294	7	N 7	730.4212	365.7145
919.5134	8	L 6	616.3782	308.6930
976.5349	9	G 5	503.2942	252.1510
1077.5826	10	T 4	446.2727	223.6403
1134.6040	11	G 3	345.2250	173.1164
1247.6881	12	L 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+35.07 C(4):+160.03

VLTDPDLYNKLR, MH+ 1399.8949, m/z 467.3032
 H OSG40 P180811 230811-s1.06100.06100.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

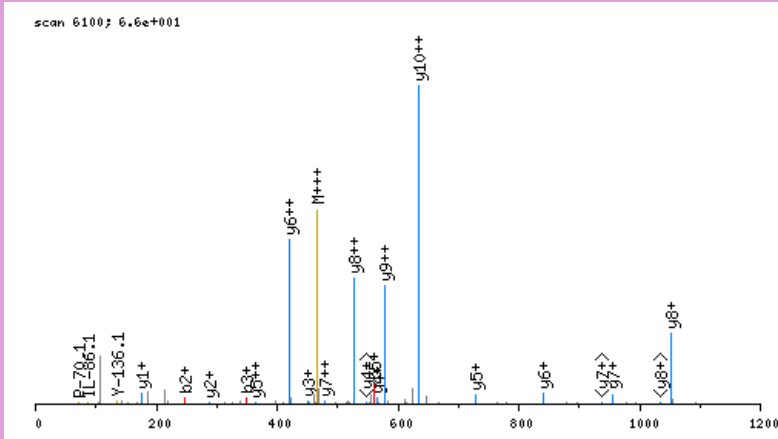
y + 2+ 3+

z + 2+ 3+

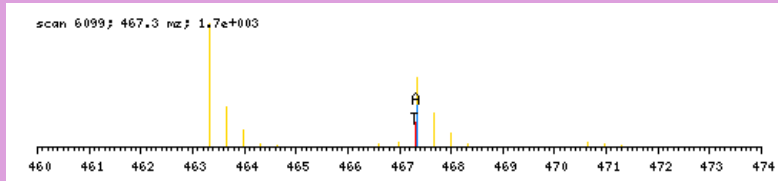
hide H₂O/NH₃

zoom 112-122

GO



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



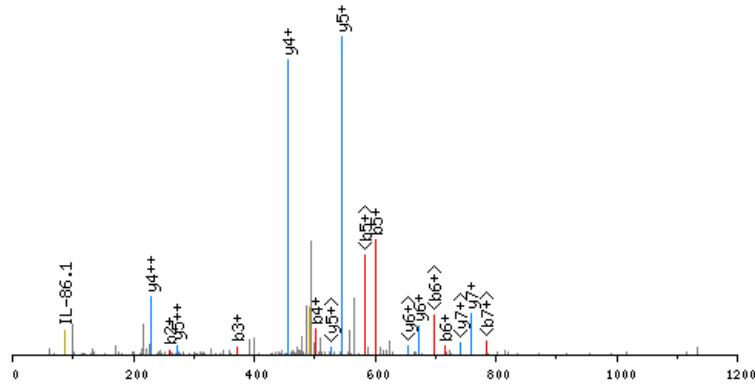
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V	11	
247.2234	2	L	10	1266.7634 633.8856
348.2711	3	T	9	1153.6794 577.3436
445.3238	4	P	8	1052.6317 526.8198
560.3508	5	D	7	955.5789 478.2934
673.4348	6	L	6	840.5520 420.7799
836.4982	7	Y	5	727.4679 364.2379
950.5411	8	N	4	564.4046 282.7062
1112.6992	9	K	3	450.3617 225.6847
1225.7832	10	L	2	288.2036 144.6057
	11	R	1	175.1195 88.0637

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

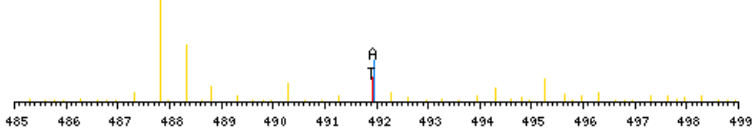
VMLETLSQSPQGR, MH+ 1473.7735, m/z 491.9294
 L OSG37 P180811 230811-s1.04775.04775.3.dta

scan 4775; 2.2e+000



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

scan 4774; 491.9 m/z; 2.0e+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

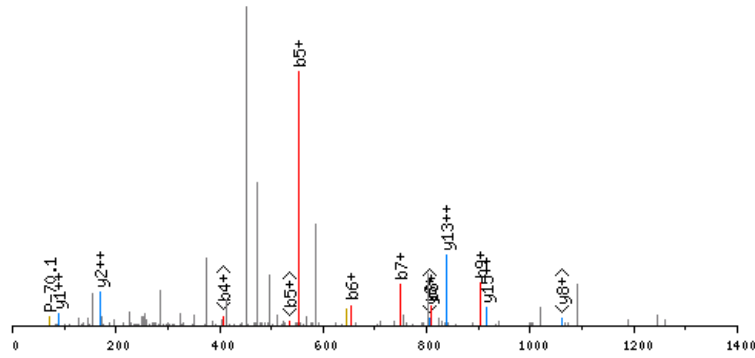
GO

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 13		
259.1480	2	M 12	1346.6738	673.8408
372.2321	3	L 11	1215.6333	608.3206
501.2747	4	E 10	1102.5493	551.7786
602.3223	5	T 9	973.5067	487.2573
715.4064	6	L 8	872.4590	436.7334
802.4384	7	S 7	759.3749	380.1914
930.4970	8	Q 6	672.3429	336.6754
1017.5290	9	S 5	544.2843	272.6461
1114.5818	10	P 4	457.2523	229.1301
1242.6404	11	Q 3	360.1995	180.6037
1299.6618	12	G 2	232.1410	116.5744
	13	R 1	175.1195	88.0637

N-term:+29.04

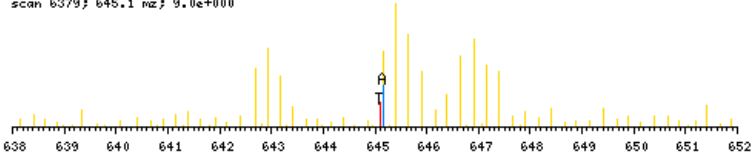
VNAIQVGPVPPRQLVEELQSRYSR, MH+ 2577.4265, m/z 645.1121
 L OSG38 P180811 230811-s1.06382.06382.4.dta

scan 6382; 2.2e+000



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

scan 6379; 645.1 mz; 9.0e+000



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

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 22		
242.1504	2	N 21	2450.3268	1225.6673
313.1876	3	A 20	2336.2839	1168.6459
426.2716	4	I 19	2265.2468	1133.1273
554.3302	5	Q 18	2152.1627	1076.5853
653.3986	6	V 17	2024.1041	1012.5560
750.4514	7	P 16	1925.0357	963.0218
807.4728	8	G 15	1827.9830	914.4954
904.5256	9	P 14	1770.9615	885.9847
1001.5784	10	P 13	1673.9087	837.4583
1157.6795	11	R 12	1576.8560	788.9319
1285.7381	12	Q 11	1420.7549	710.8813
1398.8221	13	L 10	1292.6963	646.8520
1497.8905	14	V 9	1179.6122	590.3100
1626.9331	15	E 8	1080.5438	540.7758
1755.9757	16	E 7	951.5012	476.2545
1869.0598	17	L 6	822.4586	411.7332
1997.1184	18	Q 5	709.3745	355.1912
2084.1504	19	S 4	581.3160	291.1619
2240.2515	20	R 3	494.2839	247.6459
2403.3148	21	Y 2	338.1828	169.5953
	22	R 1	175.1195	88.0637

N-term:+29.04

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

VNDPQPEHPLR, MH+ 1329.6915, m/z 443.9020
 L OSG40 P180811 230811-s1.02220.02220.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

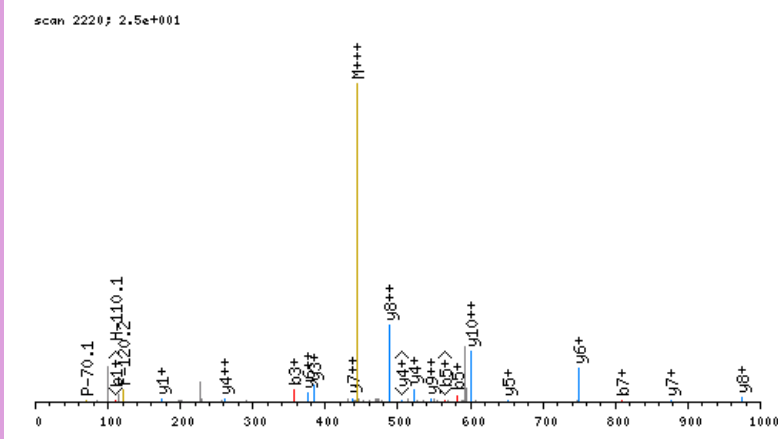
y + 2+ 3+

z + 2+ 3+

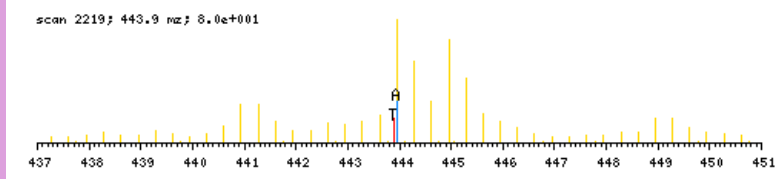
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
242.1504	2	N 10	1202.5918	601.7998
357.1774	3	D 9	1088.5489	544.7784
454.2301	4	P 8	973.5219	487.2649
582.2887	5	Q 7	876.4692	438.7385
679.3415	6	P 6	748.4106	374.7092
808.3841	7	E 5	651.3578	326.1828
945.4430	8	H 4	522.3152	261.6615
1042.4958	9	P 3	385.2563	193.1321
1155.5798	10	L 2	288.2036	144.6057
	11	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+

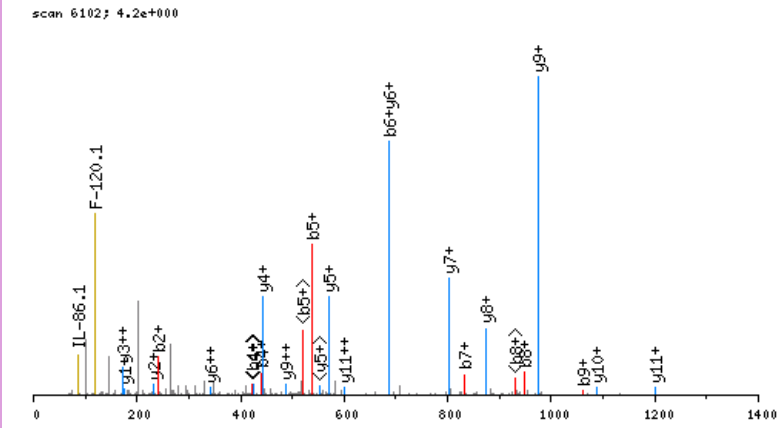
y + 2+ 3+

z + 2+ 3+

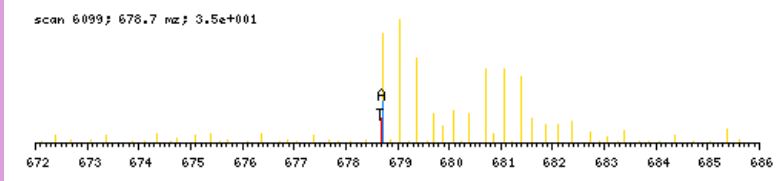
hide H₂O/NH₃

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 18		
242.1504	2	N 17	1906.9187	953.9633
339.2032	3	P 16	1792.8758	896.9418
440.2509	4	T 15	1695.8230	848.4154
539.3193	5	V 14	1594.7753	797.8916
686.3877	6	F 13	1495.7069	748.3574
833.4561	7	F 12	1348.6385	674.8232
948.4831	8	D 11	1201.5701	601.2889
1061.5671	9	I 10	1086.5431	543.7755
1162.6148	10	T 9	973.4591	487.2334
1233.6519	11	A 8	872.4114	436.7096
1348.6789	12	D 7	801.3743	401.1910
1463.7058	13	D 6	686.3473	343.6776
1592.7484	14	E 5	571.3204	286.1641
1689.8012	15	P 4	442.2778	221.6428
1802.8852	16	L 3	345.2250	173.1164
1859.9067	17	G 2	232.1410	116.5744
	18	R 1	175.1195	88.0637

N-term:+29.04

VNTEPLFLTKTDICKLSR, MH+ 2237.3428, m/z 560.0911
 H OSG40 P180811 230811-s1.07308.07308.4.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+

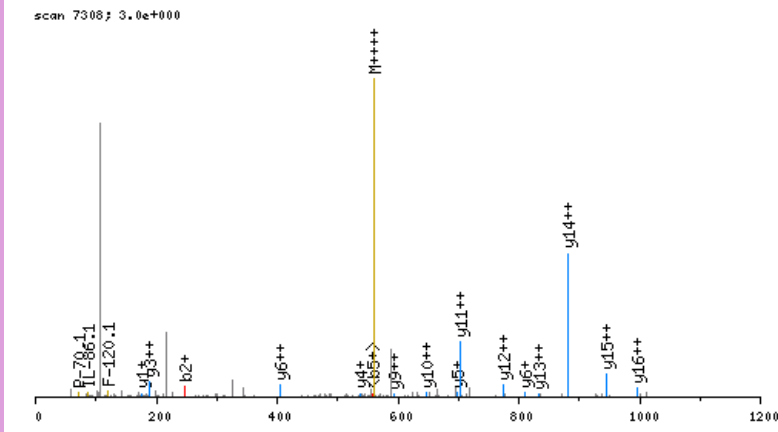
y + 2+ 3+

z + 2+ 3+

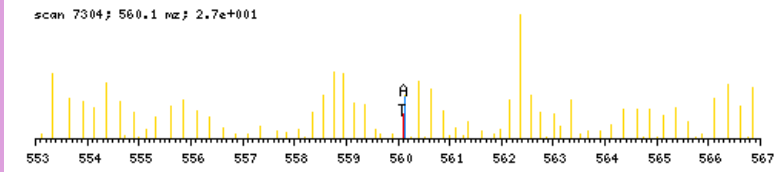
hide H₂O/NH₃

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 18		
248.1822	2	N 17	2104.2113	1052.6095
349.2299	3	T 16	1990.1683	995.5881
478.2725	4	E 15	1889.1207	945.0642
575.3253	5	P 14	1760.0781	880.5429
688.4093	6	L 13	1663.0253	832.0166
835.4778	7	F 12	1549.9412	775.4745
948.5618	8	L 11	1402.8728	701.9403
1049.6095	9	T 10	1289.7888	645.3983
1211.7676	10	K 9	1188.7411	594.8745
1312.8153	11	T 8	1026.5830	513.7954
1427.8422	12	D 7	925.5353	463.2716
1540.9263	13	I 6	810.5084	405.7581
1700.9569	14	C 5	697.4243	349.2161
1863.1150	15	K 4	537.3937	269.2008
1976.1990	16	L 3	375.2356	188.1217
2063.2311	17	S 2	262.1515	131.5797
	18	R 1	175.1195	88.0637

N-term: +35.07 K(10) : +162.16
 C(14) : +160.03 K(15) : +162.16

VPTPNVSVVDLTCR, MH+ 1584.8419, m/z 528.9521
 L OSG37 P180811 230811-s1.06486.06486.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

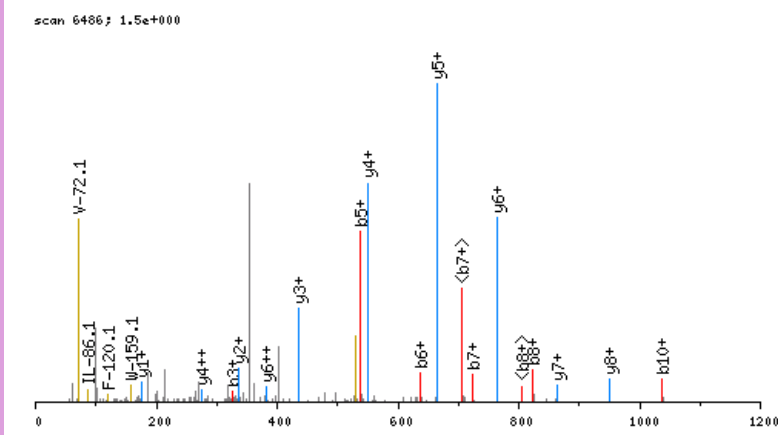
y + 2+ 3+

z + 2+ 3+

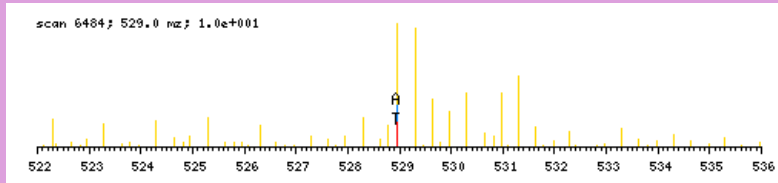
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

VQAWYMEDESTADPR, MH+ 1702.7959, m/z 568.2701
 H OSG37 P180811 230811-s1.05541.05541.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

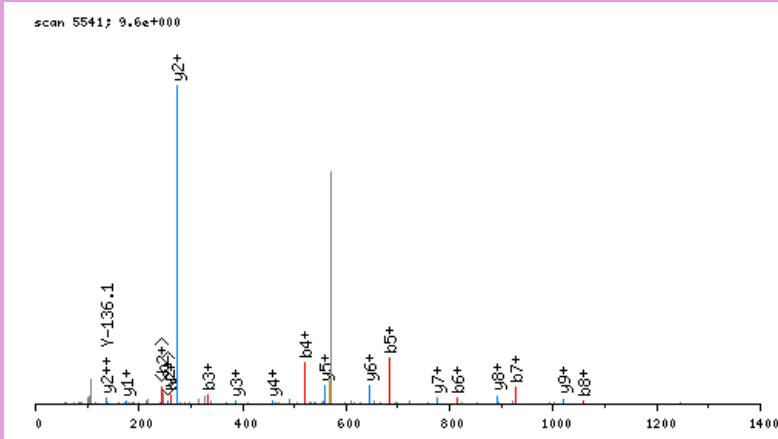
y + 2+ 3+

z + 2+ 3+

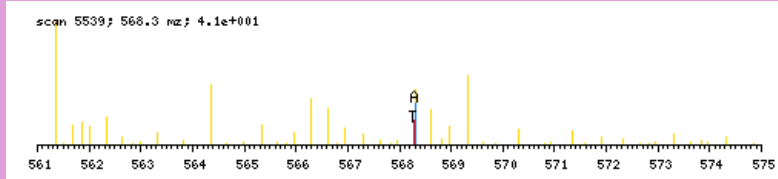
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
262.1979	2	Q 13	1569.6644	785.3361
333.2350	3	A 12	1441.6058	721.3068
519.3143	4	W 11	1370.5687	685.7883
682.3776	5	Y 10	1184.4894	592.7486
813.4181	6	M 9	1021.4260	511.2169
928.4451	7	D 8	890.3856	445.6967
1057.4877	8	E 7	775.3586	388.1832
1144.5197	9	S 6	646.3160	323.6619
1245.5674	10	T 5	559.2840	280.1459
1316.6045	11	A 4	458.2363	229.6221
1431.6314	12	D 3	387.1992	194.1035
1528.6842	13	P 2	272.1723	136.5900
	14	R 1	175.1195	88.0637

N-term:+35.07

VQLQQSGAELVK, MH+ 1355.7899, m/z 452.6015
 L OSG37 P180811 230811-s1.04750.04750.3.dta

scan 4750; 6.1e+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+

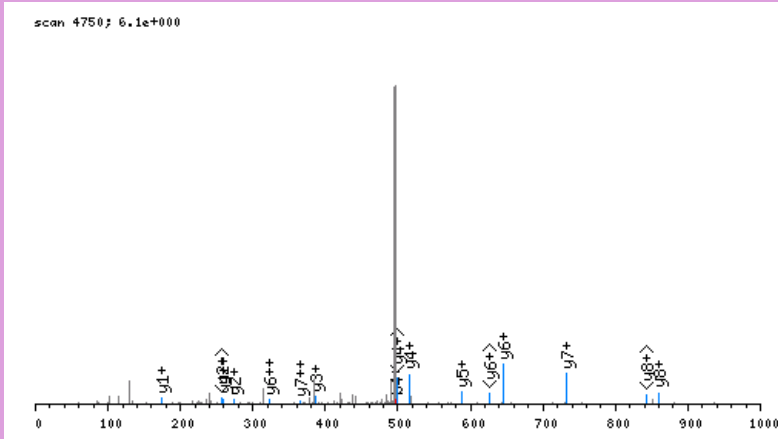
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

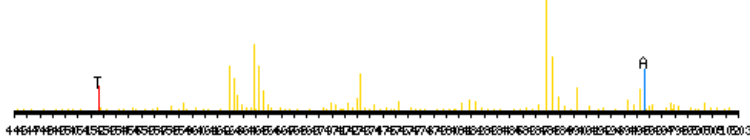
zoom 112-122

GO



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

scan 4749; 452.6 m/z; 3.0e+002



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

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 12		
256.1661	2	Q 11	1228.6902	614.8490
369.2502	3	L 10	1100.6316	550.8197
497.3087	4	Q 9	987.5475	494.2777
625.3673	5	Q 8	859.4889	430.2484
712.3993	6	S 7	731.4304	366.2191
769.4208	7	G 6	644.3983	322.7031
840.4579	8	A 5	587.3769	294.1923
969.5005	9	E 4	516.3398	258.6738
1082.5846	10	L 3	387.2972	194.1525
1181.6530	11	V 2	274.2131	137.6105
	12	K 1	175.1447	88.0763

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

VRAPQVYILPPPAEQLSR, MH+ 2068.2131, m/z 690.0759
 H OSG39 P180811 230811-s1.05922.05922.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

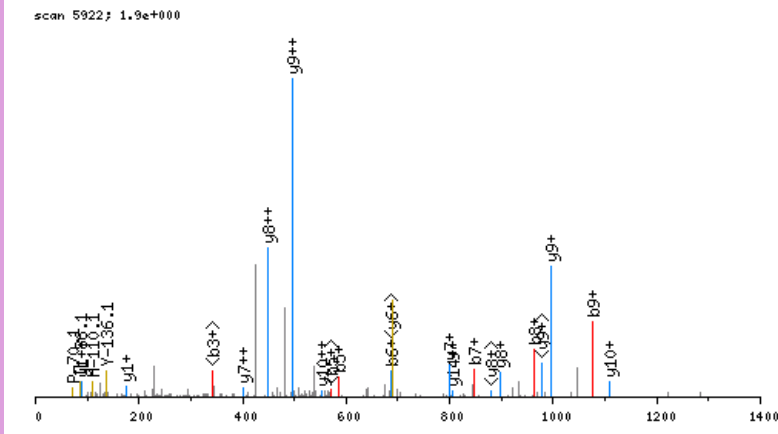
y + 2+ 3+

z + 2+ 3+

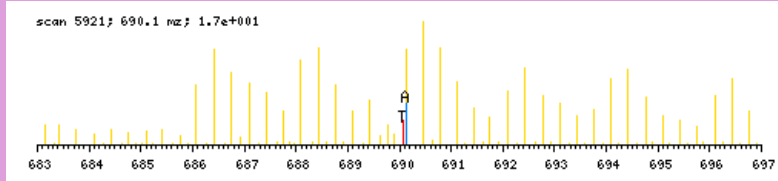
hide H₂O/NH₃

zoom 112-122

GO



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



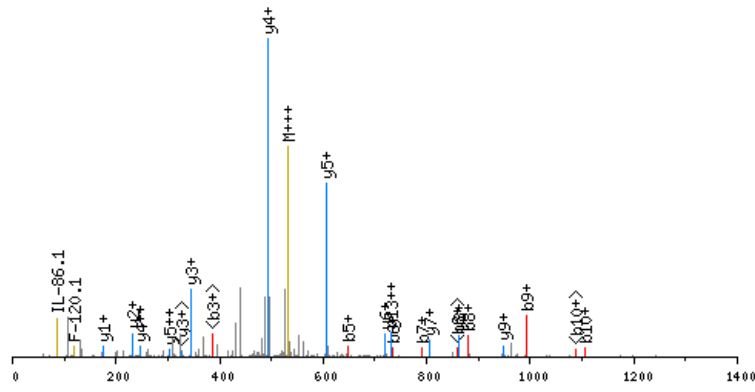
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
134.1393	1	V 18		
290.2404	2	R 17	1935.0816	968.0447
361.2775	3	A 16	1778.9805	889.9942
458.3303	4	P 15	1707.9434	854.4756
586.3889	5	Q 14	1610.8906	805.9492
685.4573	6	V 13	1482.8320	741.9199
848.5206	7	Y 12	1383.7636	692.3857
961.6047	8	I 11	1220.7003	610.8541
1074.6888	9	L 10	1107.6162	554.3120
1171.7415	10	P 9	994.5322	497.7700
1268.7943	11	P 8	897.4794	449.2436
1365.8470	12	P 7	800.4266	400.7172
1436.8842	13	A 6	703.3739	352.1909
1565.9267	14	E 5	632.3368	316.6723
1693.9853	15	Q 4	503.2942	252.1510
1807.0694	16	L 3	375.2356	188.1217
1894.1014	17	S 2	262.1515	131.5797
	18	R 1	175.1195	88.0637

N-term:+35.07

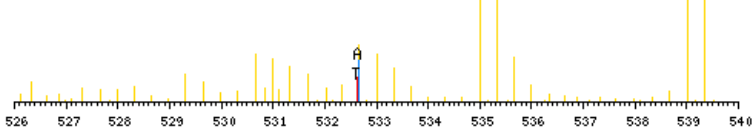
VRDNQSGSLLFIGR, MH+ 1595.9081, m/z 532.6409
 H OSG40 P180811 230811-s1.06091.06091.3.dta

scan 6091; 4.6e+000



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

scan 6089; 532.6 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⁺
134.1393	1	V 14		
290.2404	2	R 13	1462.7767	731.8922
405.2674	3	D 12	1306.6755	653.8417
519.3103	4	N 11	1191.6486	596.3282
647.3689	5	Q 10	1077.6057	539.3067
734.4009	6	S 9	949.5471	475.2775
791.4224	7	G 8	862.5151	431.7614
878.4544	8	S 7	805.4936	403.2507
991.5385	9	L 6	718.4616	359.7347
1104.6225	10	L 5	605.3775	303.1927
1251.6909	11	F 4	492.2934	246.6506
1364.7750	12	I 3	345.2250	173.1164
1421.7965	13	G 2	232.1410	116.5744
	14	R 1	175.1195	88.0637

N-term:+35.07

VREGDVLTLLESER, MH+ 1643.8968, m/z 548.6371
 L OSG40 P180811 230811-s1.08295.08295.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

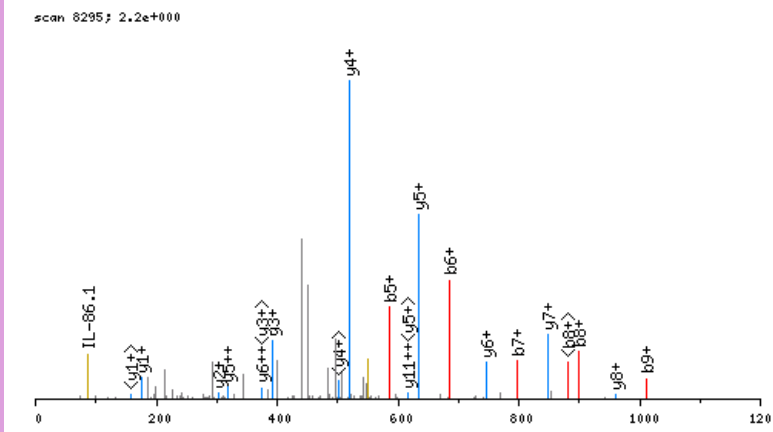
y + 2+ 3+

z + 2+ 3+

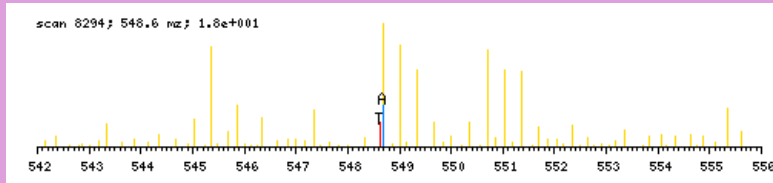
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1516.7971	758.9025
413.2512	3	E 12	1360.6960	680.8519
470.2727	4	G 11	1231.6534	616.3306
585.2996	5	D 10	1174.6319	587.8199
684.3680	6	V 9	1059.6050	530.3064
797.4521	7	L 8	960.5366	480.7722
898.4998	8	T 7	847.4525	424.2302
1011.5838	9	L 6	746.4048	373.7063
1124.6679	10	L 5	633.3208	317.1643
1253.7105	11	E 4	520.2367	260.6223
1340.7425	12	S 3	391.1941	196.1010
1469.7851	13	E 2	304.1621	152.5850
	14	R 1	175.1195	88.0637

N-term:+29.04

VRPPVQVYGIEGR, MH+ 1497.8541, m/z 499.9562
 L OSG40 P180811 230811-s1.05341.05341.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

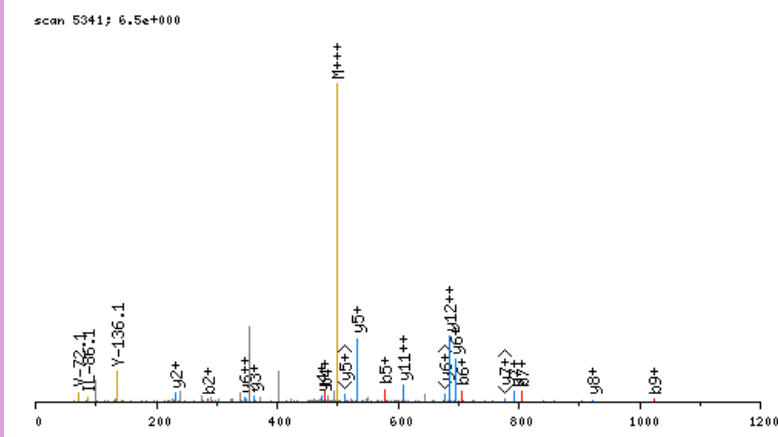
y + 2+ 3+

z + 2+ 3+

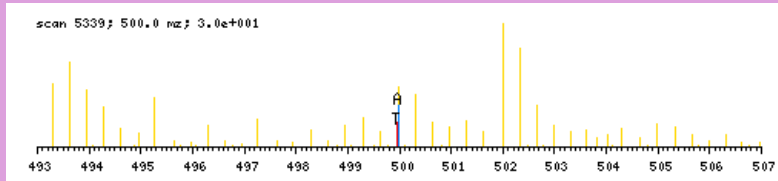
hide H₂O/NH₃

zoom 112-122

GO



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



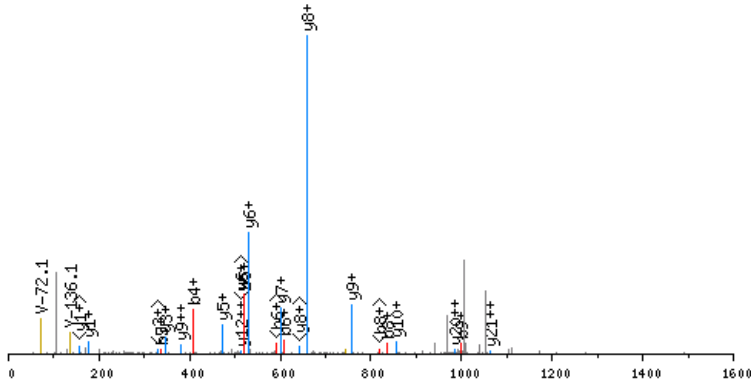
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 13		
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

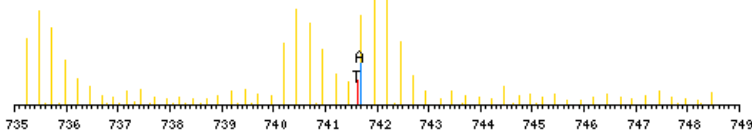
VSDAISTQYPPVVDHEFDVAVVVGAGGAGLR, MH+ 2963.5327, m/z 741.6386
H OSG38 P180811 230811-s1.07810.07810.4.dta

scan 7810; 7.2e+000



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

scan 7809; 741.6 m/z; 3.5e+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⁺
134.1393	1	V 29		
221.1713	2	S 28	2830.4012	1415.7045
336.1983	3	D 27	2743.3691	1372.1885
407.2354	4	A 26	2628.3422	1314.6750
520.3195	5	I 25	2557.3051	1279.1565
607.3515	6	S 24	2444.2210	1222.6144
708.3992	7	T 23	2357.1890	1179.0984
836.4577	8	Q 22	2256.1413	1128.5746
999.5211	9	Y 21	2128.0827	1064.5453
1096.5738	10	P 20	1965.0194	983.0136
1195.6423	11	V 19	1867.9666	934.4872
1294.7107	12	V 18	1768.8982	884.9530
1409.7376	13	D 17	1669.8298	835.4188
1546.7965	14	H 16	1554.8029	777.9053
1675.8391	15	E 15	1417.7440	709.3759
1822.9075	16	F 14	1288.7014	644.8546
1937.9345	17	D 13	1141.6329	571.3204
2008.9716	18	A 12	1026.6060	513.8069
2108.0400	19	V 11	955.5689	478.2884
2207.1084	20	V 10	856.5005	428.7542
2306.1768	21	V 9	757.4321	379.2199
2363.1983	22	G 8	658.3636	329.6857
2434.2354	23	A 7	601.3422	301.1750
2491.2569	24	G 6	530.3051	265.6564
2548.2783	25	G 5	473.2836	237.1457
2619.3154	26	A 4	416.2621	208.6350
2676.3369	27	G 3	345.2250	173.1164
2789.4210	28	L 2	288.2036	144.6057
	29	R 1	175.1195	88.0637

N-term:+35.07

VSDLSTADGFSASYR, MH+ 1708.8606, m/z 570.2917
H OSG37 P180811 230811-s1.06245.06245.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

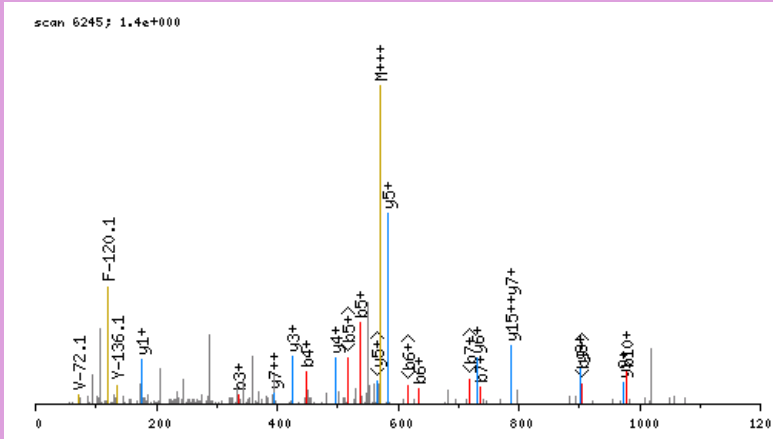
y + 2+ 3+

z + 2+ 3+

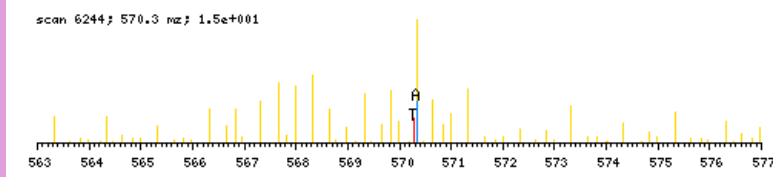
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	
221.1713	2	S	15	1575.7291
336.1983	3	D	14	1488.6971
449.2823	4	L	13	1373.6701
536.3144	5	S	12	1260.5861
635.3828	6	V	11	1173.5540
736.4305	7	T	10	1074.4856
807.4676	8	A	9	973.4379
922.4945	9	D	8	902.4008
979.5160	10	G	7	787.3739
1126.5844	11	F	6	730.3524
1213.6164	12	S	5	583.2840
1284.6535	13	A	4	496.2520
1371.6856	14	S	3	425.2149
1534.7489	15	Y	2	338.1828
	16	R	1	175.1195

N-term:+35.07

VSDNELQELSTQGSR, MH+ 1696.8566, m/z 566.2904
 H OSG37 P180811 230811-s1.04862.04862.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

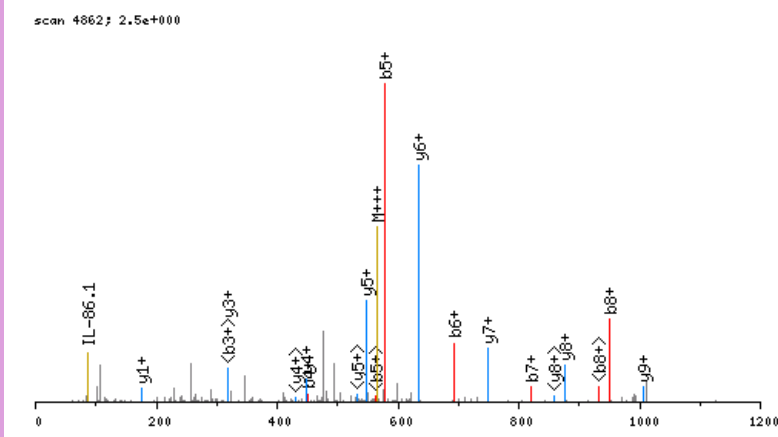
y + 2+ 3+

z + 2+ 3+

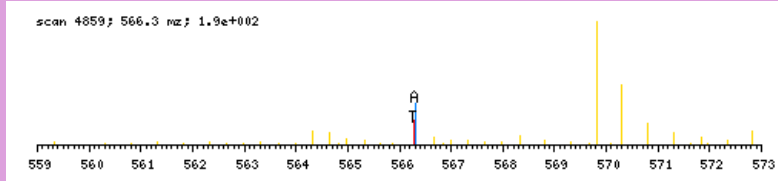
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	
221.1713	2	S	14	1563.7251
336.1983	3	D	13	1476.6930
450.2412	4	N	12	1361.6661
579.2838	5	E	11	1247.6232
692.3679	6	L	10	1118.5806
820.4264	7	Q	9	1005.4965
949.4690	8	E	8	877.4379
1062.5531	9	L	7	748.3953
1149.5851	10	S	6	635.3113
1250.6328	11	T	5	548.2792
1378.6914	12	Q	4	447.2316
1435.7129	13	G	3	319.1730
1522.7449	14	S	2	262.1515
	15	R	1	175.1195

N-term:+35.07

VSDSSDSMDTGAGSIR, MH+ 1612.7124, m/z 806.8599
 L OSG37 P180811 230811-s1.02967.02967.2.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+

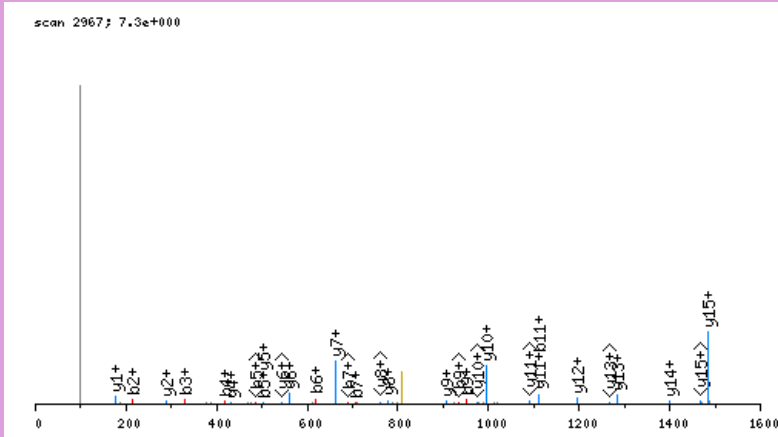
y + 2+ 3+

z + 2+ 3+

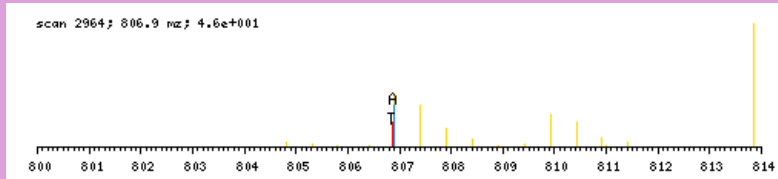
hide H₂O/NH₃

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 16		
215.1395	2	S 15	1485.6127	743.3103
330.1665	3	D 14	1398.5807	699.7943
417.1985	4	S 13	1283.5538	642.2808
504.2305	5	S 12	1196.5217	598.7648
619.2575	6	D 11	1109.4897	555.2488
706.2895	7	S 10	994.4628	497.7353
837.3300	8	M 9	907.4307	454.2193
952.3569	9	D 8	776.3903	388.6990
1053.4046	10	T 7	661.3633	331.1856
1110.4261	11	G 6	560.3156	280.6617
1181.4632	12	A 5	503.2942	252.1510
1238.4847	13	G 4	432.2571	216.6324
1325.5167	14	S 3	375.2356	188.1217
1438.6008	15	I 2	288.2036	144.6057
	16	R 1	175.1195	88.0637

N-term:+29.04

VSEGSAAAMAGESMAQR, MH+ 1680.7685, m/z 560.9277
 L OSG37 P180811 230811-s1.04440.04440.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

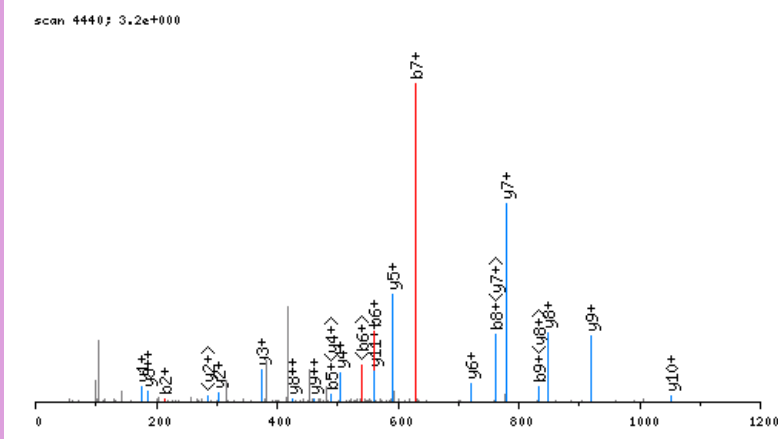
y + 2+ 3+

z + 2+ 3+

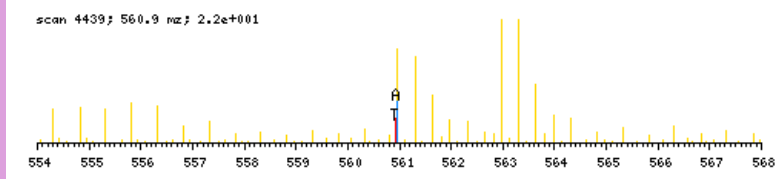
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 OSG40 P180811 230811-s1.05685.05685.4.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+

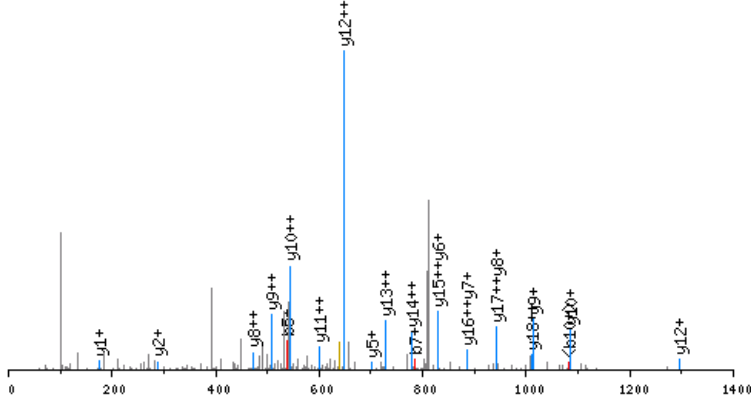
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

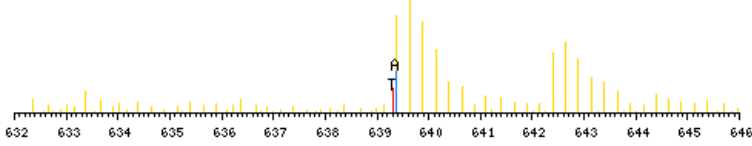
GO

scan 5685; 2.7e+000



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

scan 5684; 639.3 m/z; 2.3e+001



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

VSITPAEVGVLVGKDR, MH+ 1708.0645, m/z 570.0264
 H OSG39 P180811 230811-s1.06093.06093.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

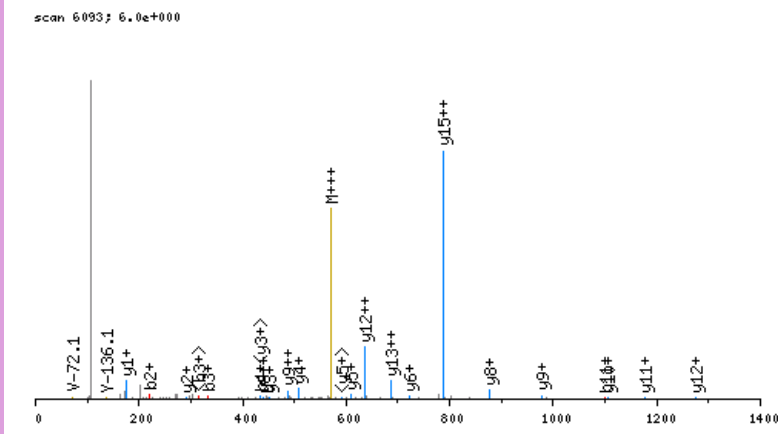
y + 2+ 3+

z + 2+ 3+

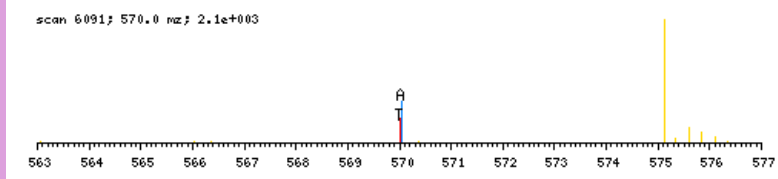
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	
221.1713	2	S	15	1574.9330
334.2554	3	I	14	1487.9010
435.3031	4	T	13	1374.8169
532.3558	5	P	12	1273.7692
603.3930	6	A	11	1176.7165
732.4356	7	E	10	1105.6794
831.5040	8	V	9	976.6368
888.5254	9	G	8	877.5684
987.5938	10	V	7	820.5469
1100.6779	11	L	6	721.4785
1199.7463	12	V	5	608.3944
1256.7678	13	G	4	509.3260
1418.9259	14	K	3	452.3045
1533.9528	15	D	2	290.1464
	16	R	1	175.1195

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

VSNELLEAFSQFGPIER, MH+ 2093.0555, m/z 698.3567
 L OSG37 P180811 230811-s1.08816.08816.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

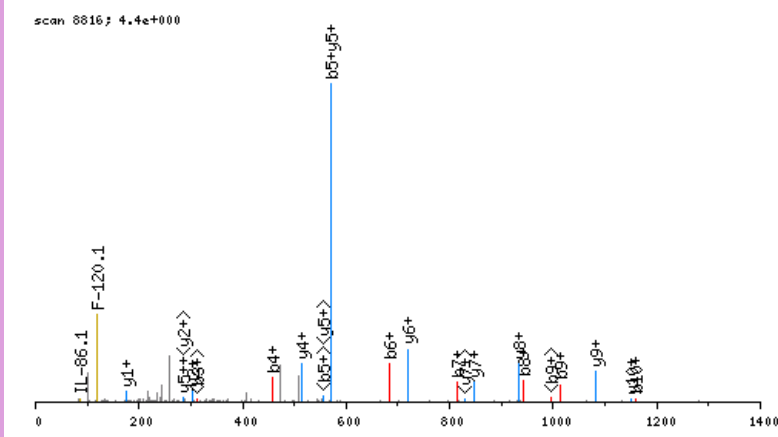
y + 2+ 3+

z + 2+ 3+

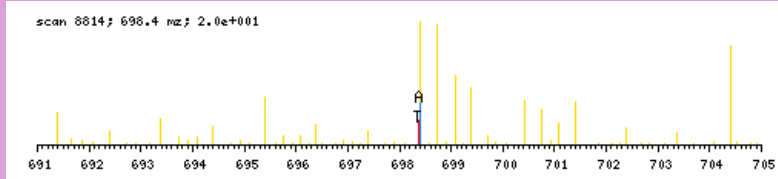
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 18		
215.1395	2	S 17	1965.9558	983.4818
329.1825	3	N 16	1878.9238	939.9658
458.2251	4	E 15	1764.8808	882.9443
571.3091	5	L 14	1635.8382	818.4230
684.3932	6	L 13	1522.7542	761.8810
813.4358	7	E 12	1409.6701	705.3390
942.4784	8	E 11	1280.6275	640.8177
1013.5155	9	A 10	1151.5849	576.2964
1160.5839	10	F 9	1080.5478	540.7778
1247.6159	11	S 8	933.4794	467.2436
1375.6745	12	Q 7	846.4474	423.7276
1522.7429	13	F 6	718.3888	359.6983
1579.7644	14	G 5	571.3204	286.1641
1676.8172	15	P 4	514.2989	257.6534
1789.9012	16	I 3	417.2462	209.1270
1918.9438	17	E 2	304.1621	152.5850
	18	R 1	175.1195	88.0637

N-term:+29.04

VSSELQIQSFVPECP, MH+ 2153.0760, m/z 718.3635
 H OSG37 P180811 230811-s1.06562.06562.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

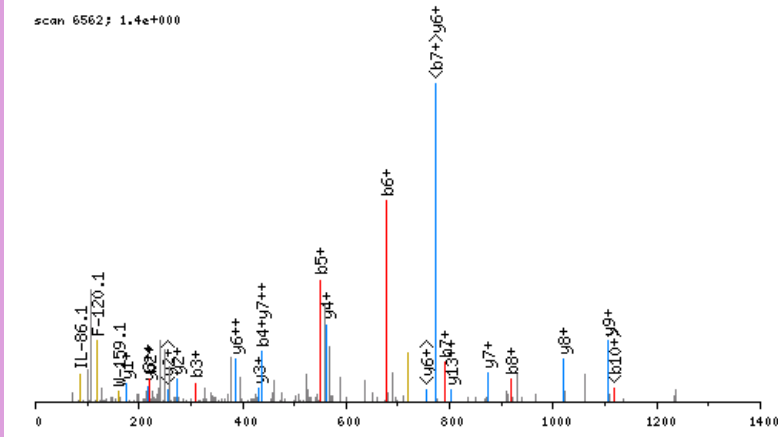
y + 2+ 3+

z + 2+ 3+

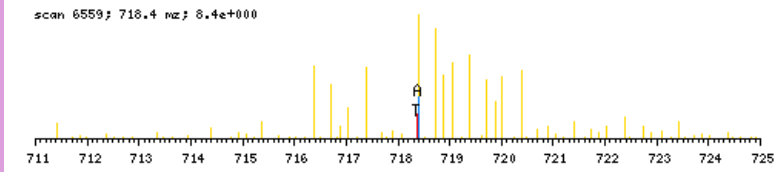
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	18	
221.1713	2	S	17	2019.9445
308.2034	3	S	16	1932.9125
437.2460	4	E	15	1845.8805
550.3300	5	L	14	1716.8379
678.3886	6	Q	13	1603.7538
791.4727	7	I	12	1475.6952
919.5312	8	Q	11	1362.6112
1047.5898	9	Q	10	1234.5526
1134.6219	10	S	9	1106.4940
1281.6903	11	F	8	1019.4620
1380.7587	12	V	7	872.3936
1477.8114	13	P	6	773.3252
1592.8384	14	D	5	676.2724
1721.8810	15	E	4	561.2455
1881.9116	16	C	3	432.2029
1978.9643	17	P	2	272.1723
	18	R	1	175.1195

N-term:+35.07 C(16) :+160.03

VSSGPTNASAFTER, MH+ 1451.7130, m/z 726.3601
 L OSG37 P180811 230811-s1.03243.03243.2.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+

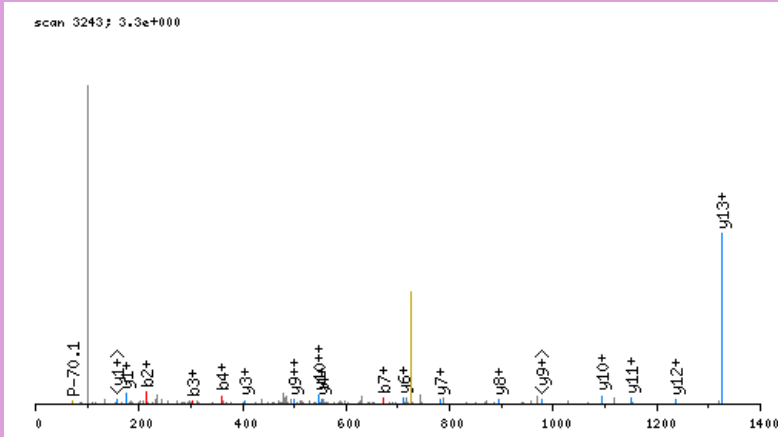
y + 2+ 3+

z + 2+ 3+

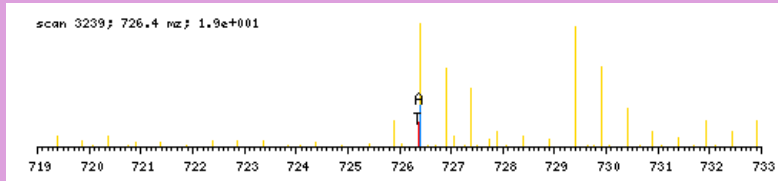
hide H₂O/NH₃

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		
215.1395	2	S 13	1324.6133	662.8106
302.1716	3	S 12	1237.5813	619.2946
359.1930	4	G 11	1150.5493	575.7786
456.2458	5	P 10	1093.5278	547.2678
557.2935	6	T 9	996.4750	498.7414
671.3364	7	N 8	895.4274	448.2176
742.3735	8	A 7	781.3844	391.1961
829.4055	9	S 6	710.3473	355.6776
900.4427	10	A 5	623.3153	312.1616
1047.5111	11	F 4	552.2782	276.6430
1148.5588	12	T 3	405.2098	203.1088
1277.6013	13	E 2	304.1621	152.5850
	14	R 1	175.1195	88.0637

N-term:+29.04

VIAAAPAMEPGPSVSPGFSR, MH+ 1906.9696, m/z 636.3281
 L OSG41 P180811 230811-s1.05882.05882.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

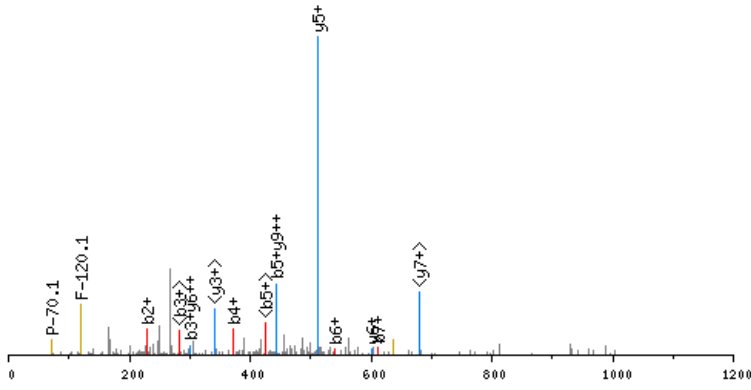
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

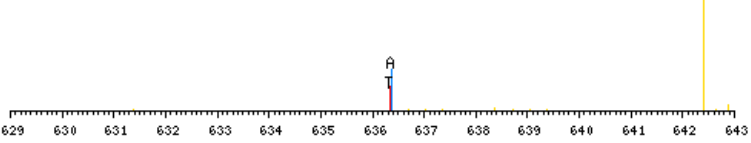
GO

scan 5882; 1.9e+000



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

scan 5879; 636.3 m/z; 2.5e+002



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

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 20		
229.1552	2	T 19	1779.8700	890.4389
300.1923	3	A 18	1678.8223	839.9151
371.2294	4	A 17	1607.7852	804.3965
442.2665	5	A 16	1536.7481	768.8779
539.3193	6	P 15	1465.7109	733.3594
610.3564	7	A 14	1368.6582	684.8330
741.3969	8	M 13	1297.6211	649.3144
870.4395	9	E 12	1166.5806	583.7942
967.4923	10	P 11	1037.5380	519.2729
1024.5137	11	G 10	940.4852	470.7465
1121.5665	12	P 9	883.4638	442.2358
1208.5985	13	S 8	786.4110	393.7094
1307.6669	14	V 7	699.3790	350.1934
1394.6990	15	S 6	600.3105	300.6592
1491.7517	16	P 5	513.2785	257.1432
1548.7732	17	G 4	416.2258	208.6168
1645.8259	18	P 3	359.2043	180.1061
1732.8580	19	S 2	262.1515	131.5797
	20	R 1	175.1195	88.0637

N-term:+29.04

VTDVDDVQPIASLPGVAR, MH+ 1977.0657, m/z 659.6934
 L OSG36 P180811 230811-s1.05063.05063.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

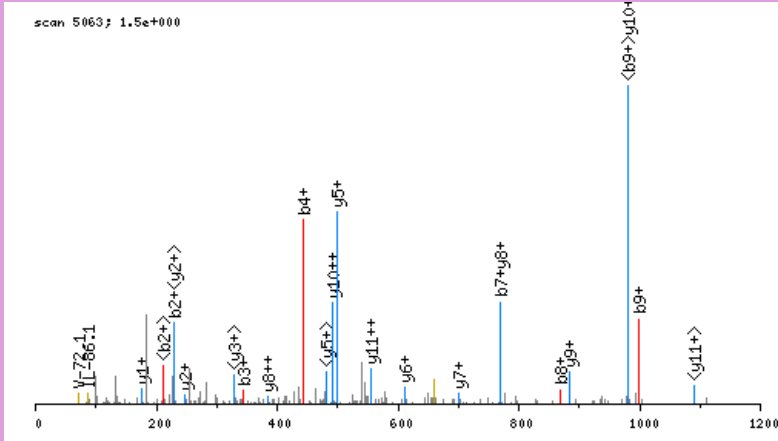
y + 2+ 3+

z + 2+ 3+

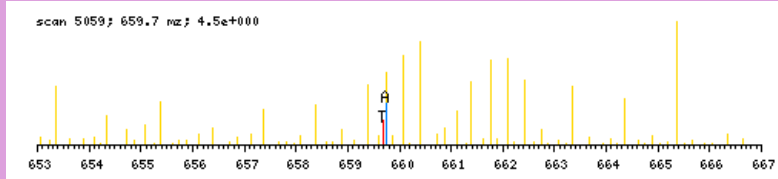
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
229.1552	2	T 18	1849.9660	925.4869
344.1821	3	D 17	1748.9183	874.9631
443.2505	4	V 16	1633.8913	817.4496
540.3033	5	P 15	1534.8229	767.9154
655.3303	6	D 14	1437.7702	719.3890
770.3572	7	D 13	1322.7432	661.8755
869.4256	8	V 12	1207.7163	604.3621
997.4842	9	Q 11	1108.6479	554.8278
1094.5370	10	P 10	980.5893	490.7986
1207.6210	11	I 9	883.5365	442.2722
1278.6581	12	A 8	770.4525	385.7301
1365.6902	13	S 7	699.4153	350.2116
1478.7742	14	L 6	612.3833	306.6956
1575.8270	15	P 5	499.2993	250.1535
1632.8485	16	G 4	402.2465	201.6272
1731.9169	17	V 3	345.2250	173.1164
1802.9540	18	A 2	246.1566	123.5822
	19	R 1	175.1195	88.0637

N-term:+29.04

VTEQEIEAIGKTLVDPKQPLQAR, MH+ 2647.5035, m/z 662.6313
 L OSG40 P180811 230811-s1.09142.09142.4.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+

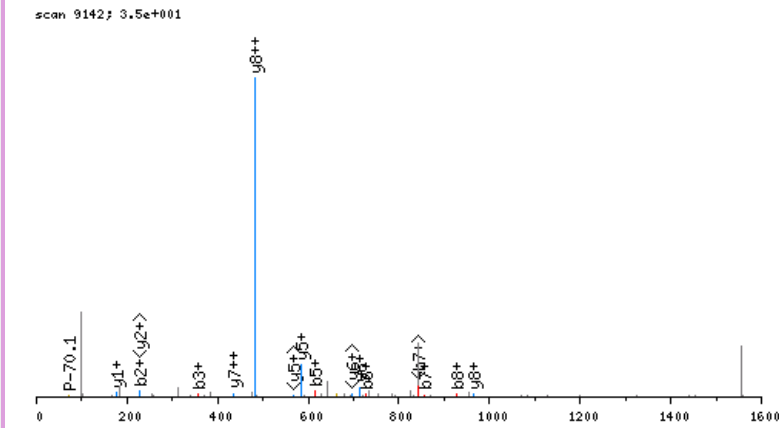
y + 2+ 3+

z + 2+ 3+

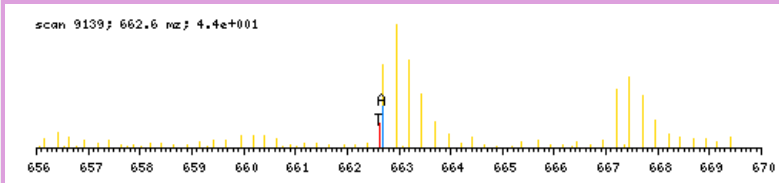
hide H₂O/NH₃

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 23		
229.1552	2	T 22	2520.4038	1260.7058
358.1978	3	E 21	2419.3561	1210.1820
486.2564	4	Q 20	2290.3135	1145.6607
615.2990	5	E 19	2162.2550	1081.6314
728.3830	6	I 18	2033.2124	1017.1101
857.4256	7	E 17	1920.1283	960.5681
928.4627	8	A 16	1791.0857	896.0468
1041.5468	9	I 15	1720.0486	860.5282
1098.5683	10	G 14	1606.9645	803.9862
1254.6946	11	K 13	1549.9431	775.4754
1355.7422	12	T 12	1393.8168	697.4123
1468.8263	13	L 11	1292.7691	646.8885
1567.8947	14	V 10	1179.6850	590.3464
1682.9217	15	D 9	1080.6166	540.8122
1779.9744	16	P 8	965.5897	483.2987
1936.1007	17	K 7	868.5369	434.7724
2064.1593	18	Q 6	712.4106	356.7092
2161.2121	19	P 5	584.3520	292.6799
2274.2961	20	L 4	487.2993	244.1535
2402.3547	21	Q 3	374.2152	187.6115
2473.3918	22	A 2	246.1566	123.5822
	23	R 1	175.1195	88.0637

N-term:+29.04 K(11):+156.13
 K(17):+156.13

VTLTDLQAEKTIGR, MH+ 1742.0336, m/z 581.3494
 H OSG39 P180811 230811-s1.06394.06394.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

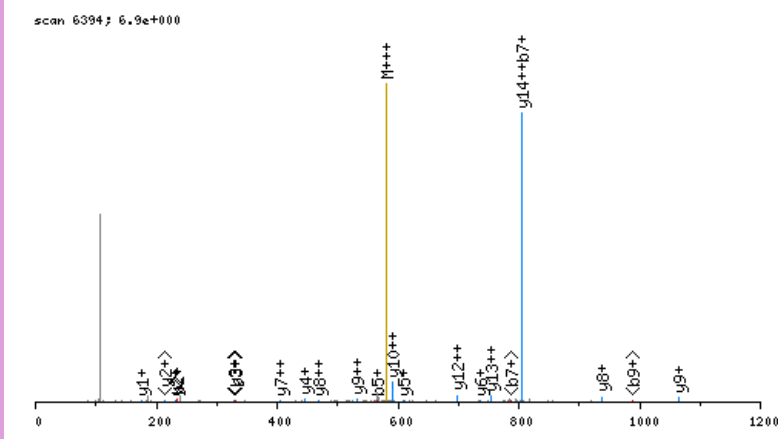
y + 2+ 3+

z + 2+ 3+

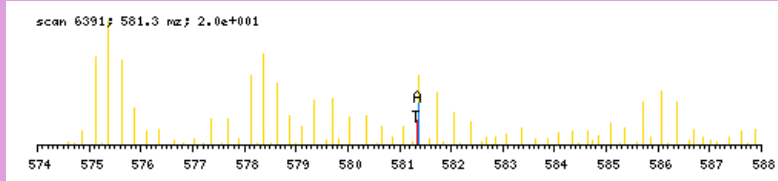
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	
235.1870	2	T	14	804.9550
348.2711	3	L	13	754.4311
449.3187	4	T	12	697.8891
564.3457	5	D	11	647.3653
677.4297	6	L	10	589.8518
805.4883	7	Q	9	533.3098
934.5309	8	E	8	469.2805
1005.5680	9	A	7	404.7592
1134.6106	10	E	6	369.2406
1296.7687	11	K	5	304.7193
1397.8164	12	T	4	223.6403
1510.9005	13	I	3	173.1164
1567.9219	14	G	2	116.5744
	15	R	1	88.0637

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

VVANS PANADYQER, MH+ 1567.7928, m/z 523.2691
 H OSG37 P180811 230811-s1.02560.02560.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

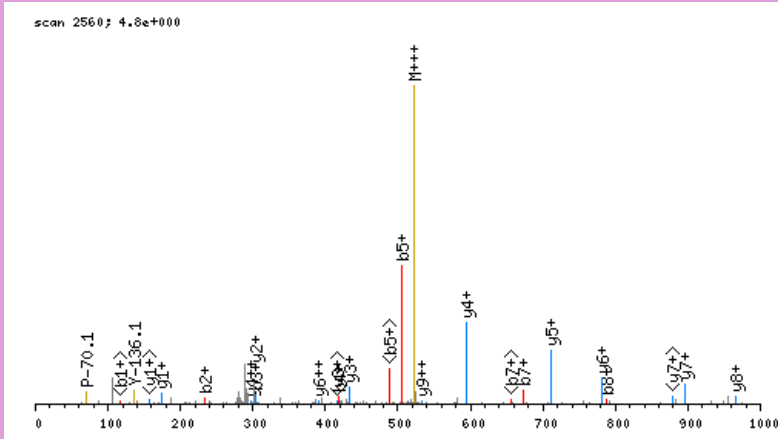
y + 2+ 3+

z + 2+ 3+

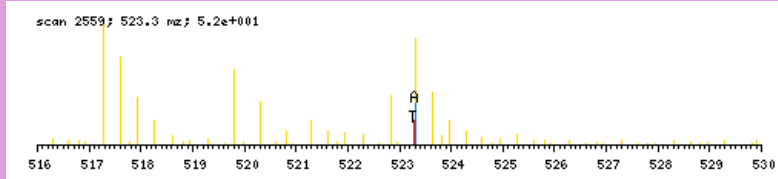
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	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+ 2174.1703, m/z 725.3949
 H OSG36 P180811 230811-s1.04445.04445.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

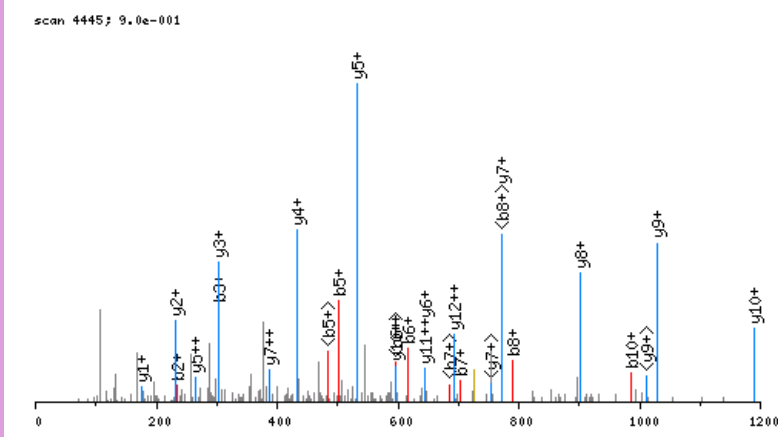
y + 2+ 3+

z + 2+ 3+

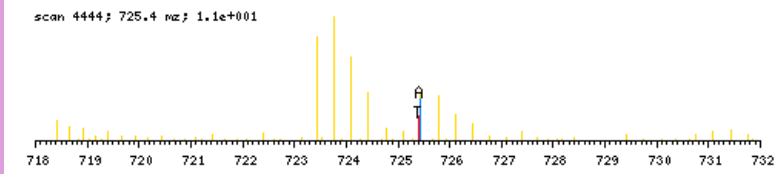
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	20	
233.2077	2	V	19	2041.0388 1021.0233
304.2448	3	A	18	1941.9704 971.4891
401.2976	4	P	17	1870.9332 935.9705
502.3453	5	T	16	1773.8805 887.4441
615.4293	6	I	15	1672.8328 836.9203
702.4614	7	S	14	1559.7487 780.3783
789.4934	8	S	13	1472.7167 736.8623
886.5462	9	P	12	1385.6847 693.3463
985.6146	10	V	11	1288.6319 644.8199
1145.6452	11	C	10	1189.5635 595.2857
1273.7038	12	Q	9	1029.5329 515.2704
1402.7464	13	E	8	901.4743 451.2411
1530.8049	14	Q	7	772.4317 386.7198
1643.8890	15	L	6	644.3731 322.6905
1742.9574	16	V	5	531.2891 266.1485
1872.0000	17	E	4	432.2207 216.6142
1943.0371	18	A	3	303.1781 152.0930
2000.0586	19	G	2	232.1410 116.5744
	20	R	1	175.1195 88.0637

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

VVDLSDQVAPTDIEEGMR, MH+ 2001.9803, m/z 667.9983
 L OSG36 P180811 230811-s1.04756.04756.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

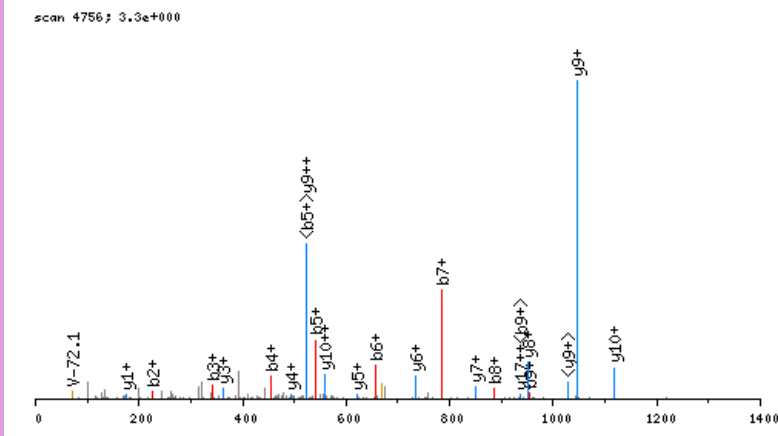
y + 2+ 3+

z + 2+ 3+

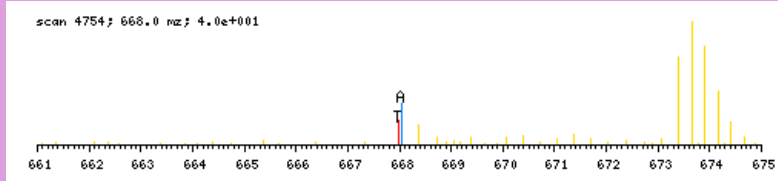
hide H₂O/NH₃

zoom 112-122

GO



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



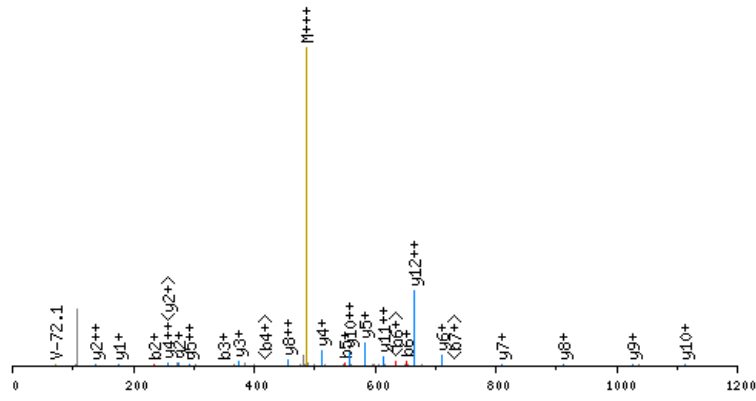
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
128.1075	1	V 18		
227.1759	2	V 17	1874.8806	937.9442
342.2029	3	D 16	1775.8122	888.4100
455.2869	4	L 15	1660.7852	830.8965
542.3190	5	S 14	1547.7012	774.3545
657.3459	6	D 13	1460.6691	730.8385
785.4045	7	Q 12	1345.6422	673.3250
884.4729	8	V 11	1217.5836	609.2957
955.5100	9	A 10	1118.5152	559.7615
1052.5628	10	P 9	1047.4781	524.2430
1153.6105	11	T 8	950.4253	475.7166
1268.6374	12	D 7	849.3776	425.1927
1381.7215	13	I 6	734.3507	367.6793
1510.7641	14	E 5	621.2666	311.1372
1639.8066	15	E 4	492.2240	246.6159
1696.8281	16	G 3	363.1814	182.0946
1827.8686	17	M 2	306.1600	153.5839
	18	R 1	175.1195	88.0637

N-term:+29.04

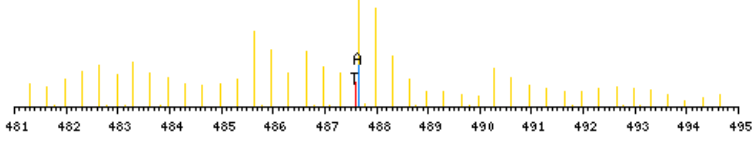
VVDSDTVQAHTVR, MH+ 1460.7921, m/z 487.6022
 H OSG40 P180811 230811-s1.02685.02685.3.dta

scan 2685; 1.3e+001



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

scan 2684; 487.6 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⁺
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

VVENDQGEVVR, MH+ 1271.6595, m/z 636.3334
 L OSG38 P180811 230811-s1.02218.02218.2.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+

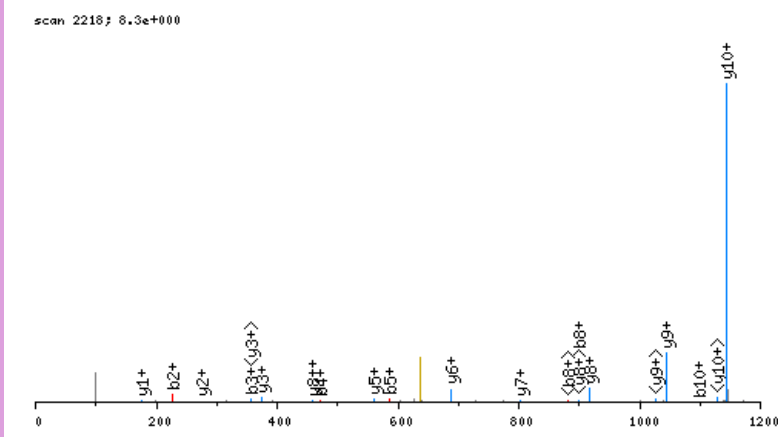
y + 2+ 3+

z + 2+ 3+

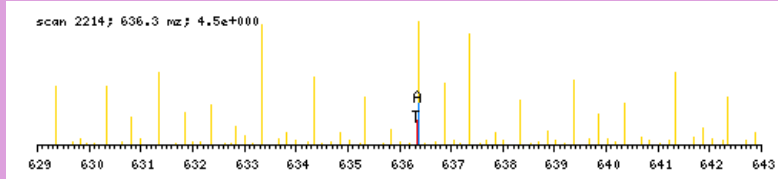
hide H₂O/NH₃

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 11		
227.1759	2	V 10	1144.5598	572.7838
356.2185	3	E 9	1045.4914	523.2496
470.2614	4	N 8	916.4488	458.7283
585.2884	5	D 7	802.4059	401.7069
713.3470	6	Q 6	687.3790	344.1934
770.3684	7	G 5	559.3204	280.1641
899.4110	8	E 4	502.2989	251.6534
998.4794	9	V 3	373.2563	187.1321
1097.5479	10	V 2	274.1879	137.5979
	11	R 1	175.1195	88.0637

N-term:+29.04

VVMTQTPLSLPLVSLGDAQASISCR, MH+ 2493.3268, m/z 831.7805
 H OSG36 P180811 230811-s1.06131.06131.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

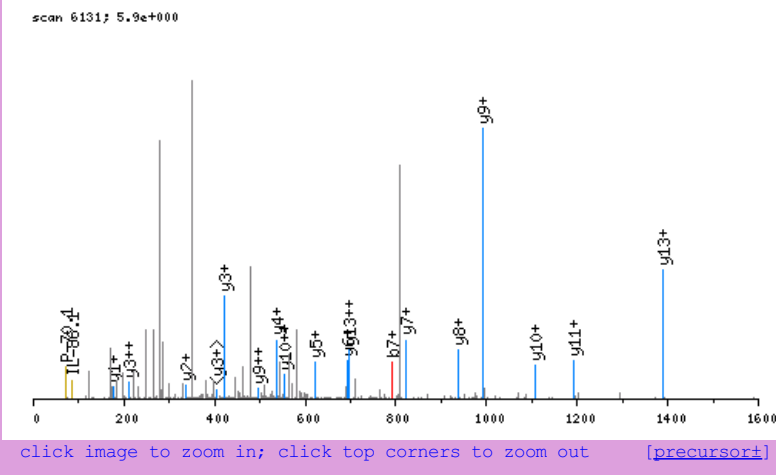
y + 2+ 3+

z + 2+ 3+

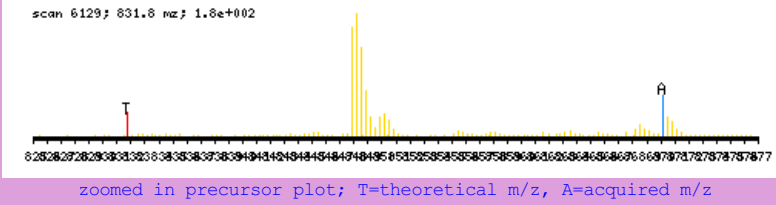
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 23		
233.2077	2	V 22	2360.1953	1180.6016
364.2482	3	M 21	2261.1269	1131.0674
465.2959	4	T 20	2130.0864	1065.5471
593.3545	5	Q 19	2029.0388	1015.0233
694.4021	6	T 18	1900.9802	950.9940
791.4549	7	P 17	1799.9325	900.4702
904.5390	8	L 16	1702.8797	851.9438
991.5710	9	S 15	1589.7957	795.4018
1104.6551	10	L 14	1502.7637	751.8857
1201.7078	11	P 13	1389.6796	695.3437
1300.7762	12	V 12	1292.6268	646.8173
1387.8083	13	S 11	1193.5584	597.2831
1500.8923	14	L 10	1106.5264	553.7671
1557.9138	15	G 9	993.4423	497.2251
1672.9407	16	D 8	936.4209	468.7143
1800.9993	17	Q 7	821.3939	411.2009
1872.0364	18	A 6	693.3353	347.1716
1959.0685	19	S 5	622.2982	311.6530
2072.1525	20	I 4	535.2662	268.1370
2159.1846	21	S 3	422.1821	211.5950
2319.2152	22	C 2	335.1501	168.0790
	23	R 1	175.1195	88.0637

N-term:+35.07 C(22):+160.03

VWVNEEDHLR, MH+ 1330.6967, m/z 444.2371
 H OSG40 P180811 230811-s1.03818.03818.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

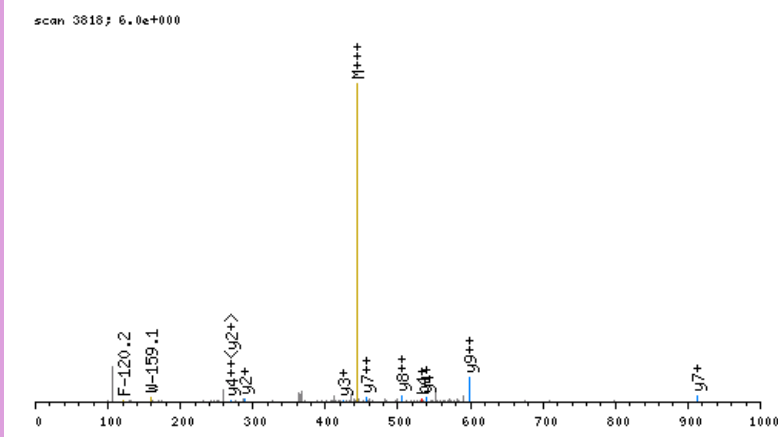
y + 2+ 3+

z + 2+ 3+

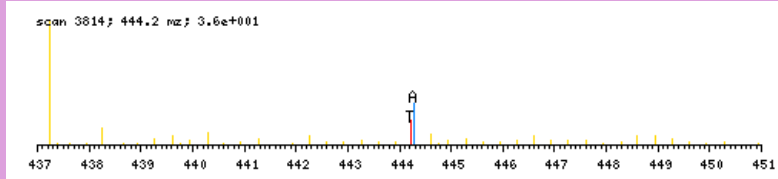
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	
320.2186	2	W	9	1197.5653
419.2870	3	V	8	1011.4859
533.3300	4	N	7	912.4175
662.3726	5	E	6	798.3746
791.4152	6	E	5	669.3320
906.4421	7	D	4	540.2894
1043.5010	8	H	3	425.2625
1156.5851	9	L	2	288.2036
	10	R	1	175.1195

N-term:+35.07

VYILPPPAEQLSR, MH+ 1516.8951, m/z 506.3032
 H OSG37 P180811 230811-s1.06857.06857.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

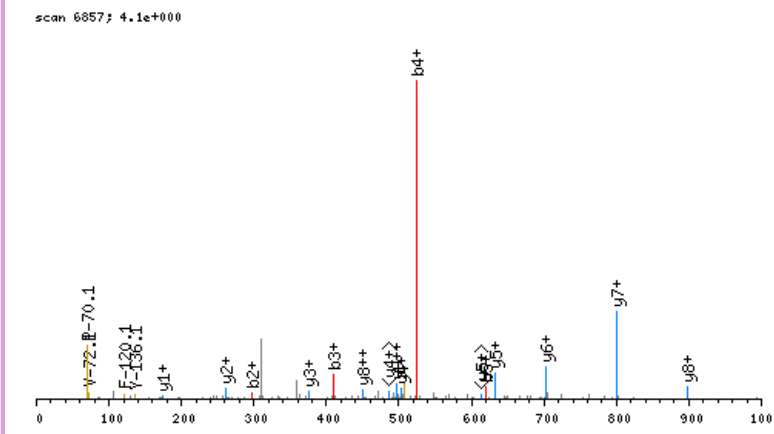
y + 2+ 3+

z + 2+ 3+

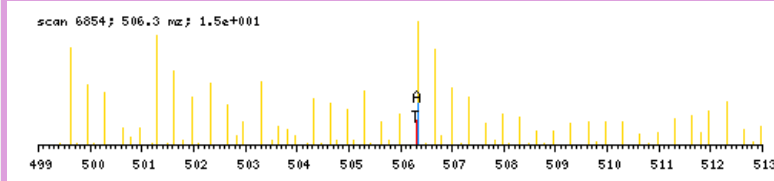
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	
297.2026	2	Y	12	1383.7636 692.3857
410.2867	3	I	11	1220.7003 610.8541
523.3708	4	L	10	1107.6162 554.3120
620.4235	5	P	9	994.5322 497.7700
717.4763	6	P	8	897.4794 449.2436
814.5291	7	P	7	800.4266 400.7172
885.5662	8	A	6	703.3739 352.1909
1014.6088	9	E	5	632.3368 316.6723
1142.6673	10	Q	4	503.2942 252.1510
1255.7514	11	L	3	375.2356 188.1217
1342.7834	12	S	2	262.1515 131.5797
	13	R	1	175.1195 88.0637

N-term:+35.07

WEAADLGNEER, MH+ 1317.6075, m/z 659.3074
 L OSG38 P180811 230811-s1.04432.04432.2.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+

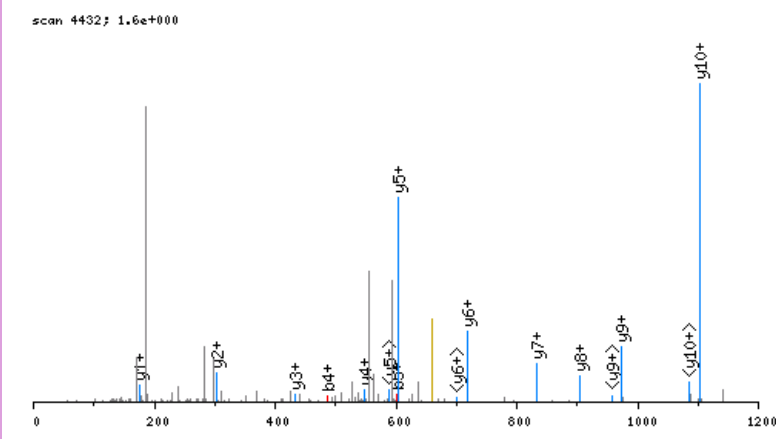
y + 2+ 3+

z + 2+ 3+

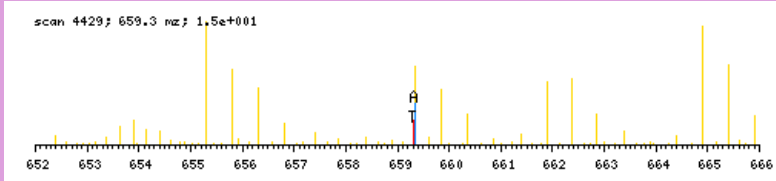
hide H₂O/NH₃

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⁺
215.1184	1	W 11		
344.1610	2	E 10	1103.4969	552.2524
415.1981	3	A 9	974.4543	487.7311
486.2352	4	A 8	903.4172	452.2125
601.2622	5	D 7	832.3801	416.6940
714.3462	6	L 6	717.3531	359.1805
771.3677	7	G 5	604.2691	302.6385
885.4106	8	N 4	547.2476	274.1277
1014.4532	9	E 3	433.2047	217.1063
1143.4958	10	E 2	304.1621	152.5850
	11	R 1	175.1195	88.0637

N-term:+29.04

WGKVNSEVVGGEALGR, MH+ 1741.9509, m/z 581.3218
 H OSG40 P180811 230811-s1.07975.07975.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

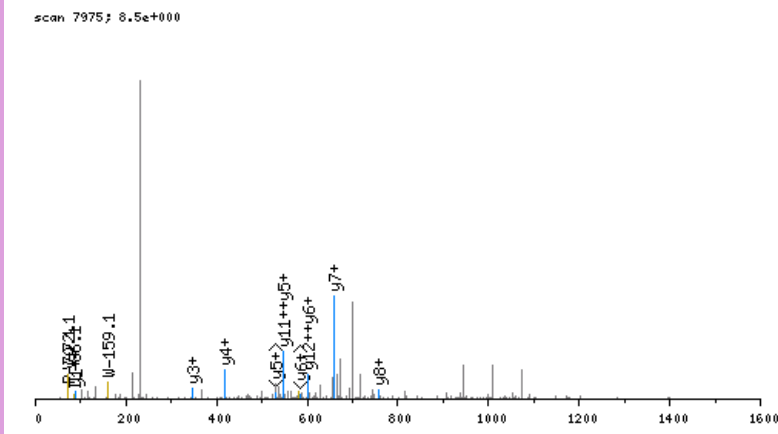
y + 2+ 3+

z + 2+ 3+

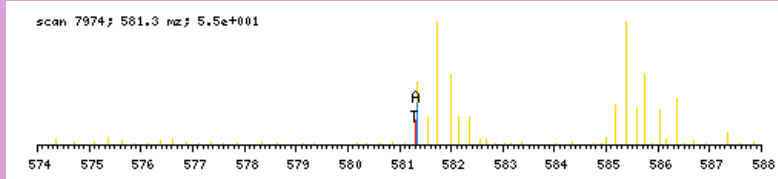
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 16		
278.1717	2	G 15	1521.8085	761.4082
440.3298	3	K 14	1464.7871	732.8975
539.3982	4	V 13	1302.6290	651.8184
653.4411	5	N 12	1203.5606	602.2842
740.4731	6	S 11	1089.5176	545.2627
855.5001	7	D 10	1002.4856	501.7467
984.5427	8	E 9	887.4587	444.2332
1083.6111	9	V 8	758.4161	379.7120
1140.6326	10	G 7	659.3477	330.1777
1197.6540	11	G 6	602.3262	301.6670
1326.6966	12	E 5	545.3047	273.1563
1397.7337	13	A 4	416.2621	208.6350
1510.8178	14	L 3	345.2250	173.1164
1567.8393	15	G 2	232.1410	116.5744
	16	R 1	175.1195	88.0637

N-term:+35.07 K(3):+162.16

WVFEEDIGGR, MH+ 1241.6378, m/z 621.3226
 H OSG38 P180811 230811-s1.06317.06317.2.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+

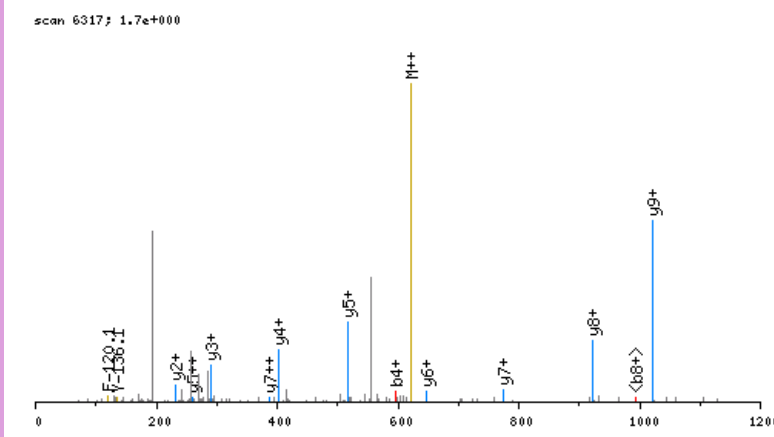
y + 2+ 3+

z + 2+ 3+

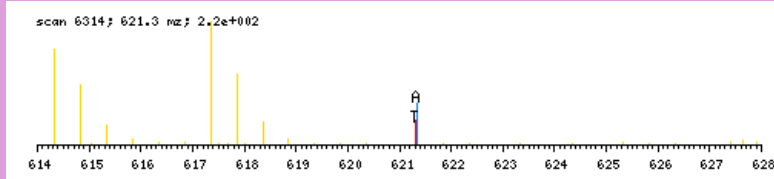
hide H₂O/NH₃

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⁺
221.1502	1	W 10		
320.2186	2	V 9	1021.4954	511.2516
467.2870	3	F 8	922.4270	461.7174
596.3296	4	E 7	775.3586	388.1832
725.3722	5	E 6	646.3160	323.6619
840.3992	6	D 5	517.2734	259.1406
953.4832	7	I 4	402.2465	201.6272
1010.5047	8	G 3	289.1624	145.0851
1067.5262	9	G 2	232.1410	116.5744
	10	R 1	175.1195	88.0637

N-term:+35.07

WYDNEYGYSNR, MH+ 1494.6290, m/z 498.8812
 L OSG38 P180811 230811-s1.04013.04013.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

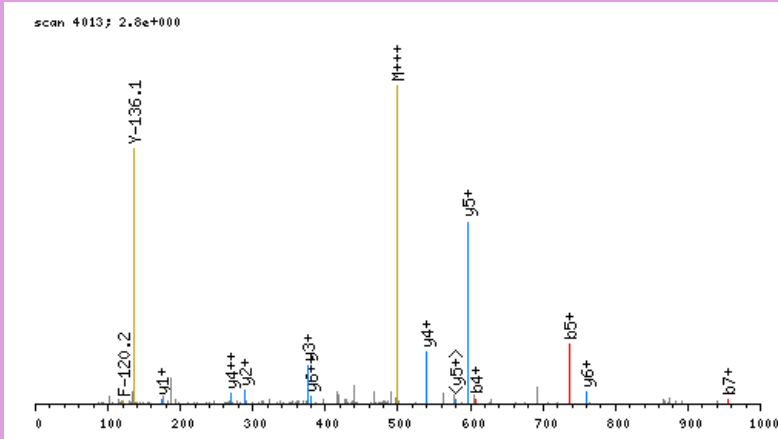
y + 2+ 3+

z + 2+ 3+

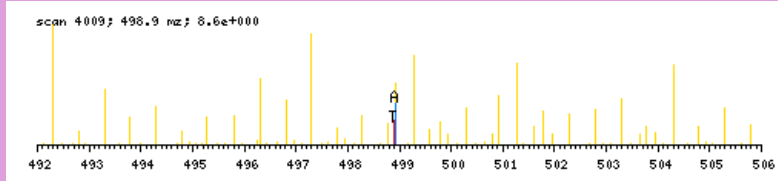
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 11		
378.1817	2	Y 10	1280.5184	640.7631
493.2087	3	D 9	1117.4550	559.2314
607.2516	4	N 8	1002.4281	501.7180
736.2942	5	E 7	888.3852	444.6965
899.3575	6	Y 6	759.3426	380.1752
956.3790	7	G 5	596.2792	298.6435
1119.4423	8	Y 4	539.2578	270.1328
1206.4744	9	S 3	376.1945	188.6011
1320.5173	10	N 2	289.1624	145.0851
	11	R 1	175.1195	88.0637

N-term:+29.04

YDLADQLHAAVGASR, MH+ 1614.8240, m/z 538.9462
 L OSG39 P180811 230811-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+

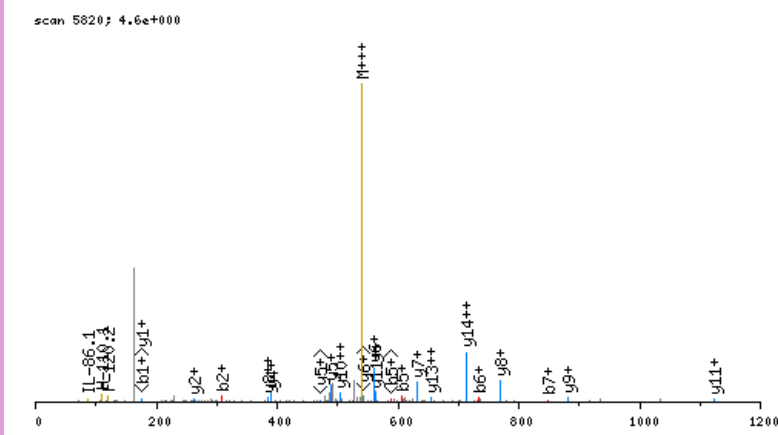
y + 2+ 3+

z + 2+ 3+

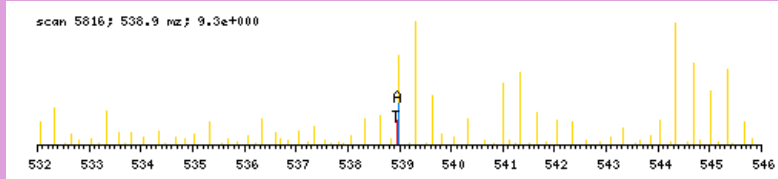
hide H₂O/NH₃

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⁺
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

YDPAGGEDPLGAVHLR, MH+ 1694.8502, m/z 565.6216
 L OSG39 P180811 230811-s1.05488.05488.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

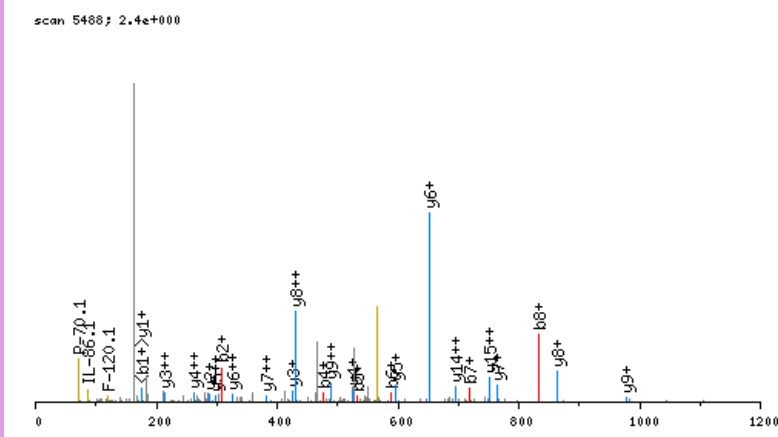
y + 2+ 3+

z + 2+ 3+

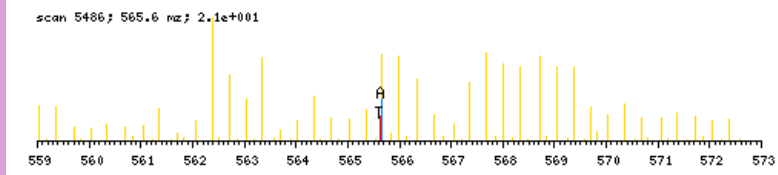
hide H₂O/NH₃

zoom 112-122

GO



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



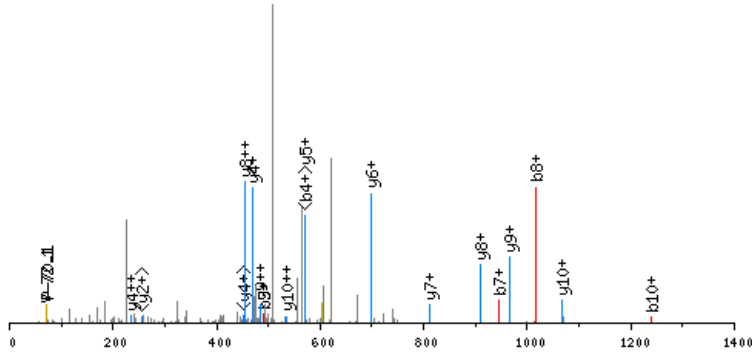
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
192.1024	1	Y	16	
307.1294	2	D	15	1503.7556
404.1821	3	P	14	1388.7286
475.2192	4	A	13	1291.6759
532.2407	5	G	12	1220.6388
589.2622	6	G	11	1163.6173
718.3048	7	E	10	1106.5958
833.3317	8	D	9	977.5532
930.3845	9	P	8	862.5263
1043.4685	10	L	7	765.4735
1100.4900	11	G	6	652.3895
1171.5271	12	A	5	595.3680
1270.5955	13	V	4	524.3309
1407.6544	14	H	3	425.2625
1520.7385	15	L	2	288.2036
	16	R	1	175.1195

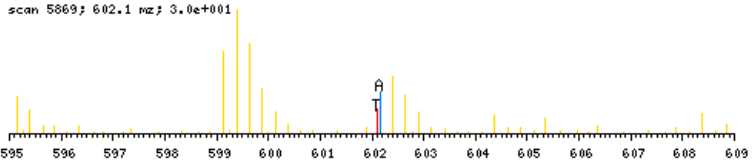
N-term:+29.04

YEKPTQTEAPQVTGPIEVPVVR, MH+ 2405.3716, m/z 602.0984
 H OSG38 P180811 230811-s1.05873.05873.4.dta

scan 5873; 2.1e+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⁺
198.1342	1	Y	21		
327.1768	2	E	20	2208.2452	1104.6265
489.3349	3	K	19	2079.2027	1040.1052
586.3877	4	P	18	1917.0446	959.0262
714.4463	5	Q	17	1819.9918	910.4998
815.4939	6	T	16	1691.9332	846.4705
944.5365	7	E	15	1590.8855	795.9467
1015.5736	8	A	14	1461.8429	731.4254
1112.6264	9	P	13	1390.8058	695.9068
1240.6850	10	Q	12	1293.7531	647.3804
1339.7534	11	V	11	1165.6945	583.3512
1440.8011	12	T	10	1066.6261	533.8169
1497.8225	13	G	9	965.5784	483.2931
1594.8753	14	P	8	908.5569	454.7824
1707.9594	15	I	7	811.5042	406.2560
1837.0020	16	E	6	698.4201	349.7140
1936.0704	17	V	5	569.3775	285.1927
2033.1231	18	P	4	470.3091	235.6585
2132.1916	19	V	3	373.2563	187.1321
2231.2600	20	V	2	274.1879	137.5979
	21	R	1	175.1195	88.0637

N-term:+35.07 K(3):+162.16

YELPDGQVITIGNER, MH+ 1737.9235, m/z 579.9794
 H OSG37 P180811 230811-s1.07172.07172.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

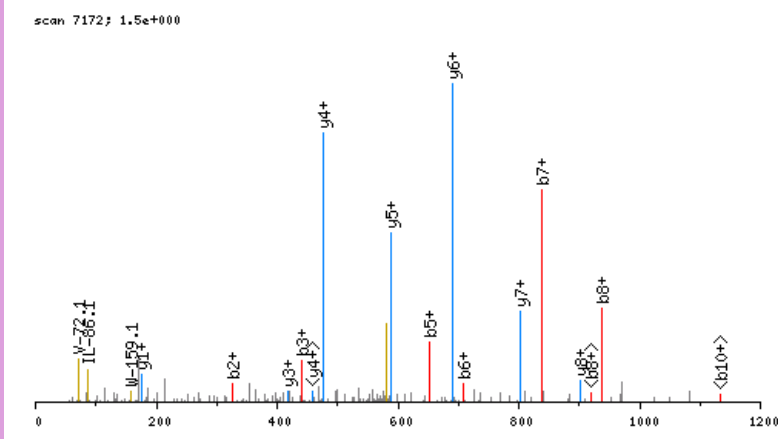
y + 2+ 3+

z + 2+ 3+

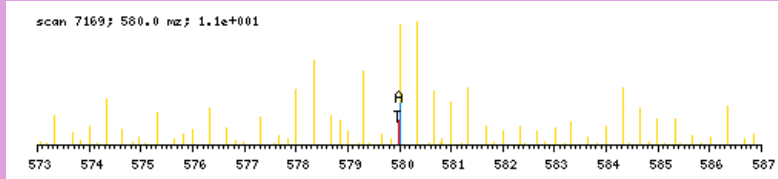
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	
327.1768	2	E	14	1540.7971 770.9025
440.2609	3	L	13	1411.7545 706.3812
537.3136	4	P	12	1298.6705 649.8391
652.3406	5	D	11	1201.6177 601.3128
709.3621	6	G	10	1086.5907 543.7993
837.4206	7	Q	9	1029.5693 515.2886
936.4890	8	V	8	901.5107 451.2593
1049.5731	9	I	7	802.4423 401.7251
1150.6208	10	T	6	689.3582 345.1830
1263.7049	11	I	5	588.3105 294.6592
1320.7263	12	G	4	475.2265 238.1172
1434.7692	13	N	3	418.2050 209.6064
1563.8118	14	E	2	304.1621 152.5850
	15	R	1	175.1195 88.0637

N-term:+35.07

YEPQGGSGYDYSYAGGR, MH+ 1854.7935, m/z 618.9360
 L OSG37 P180811 230811-s1.04076.04076.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

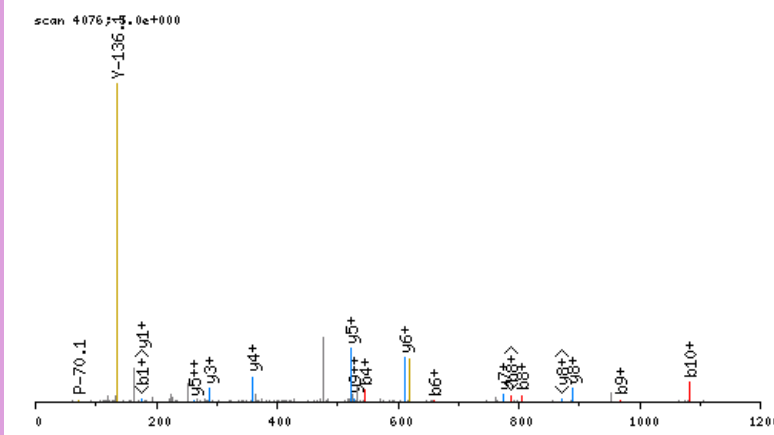
y + 2+ 3+

z + 2+ 3+

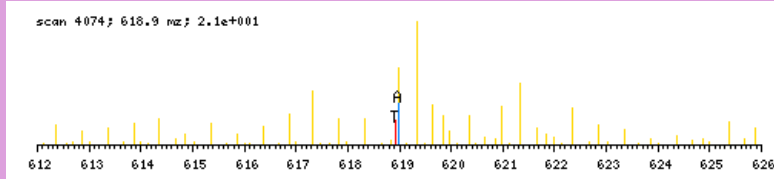
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
321.1450	2	E 16	1663.6989	832.3533
418.1978	3	P 15	1534.6563	767.8320
546.2564	4	Q 14	1437.6035	719.3057
603.2778	5	G 13	1309.5449	655.2764
660.2993	6	G 12	1252.5235	626.7656
747.3313	7	S 11	1195.5020	598.2549
804.3528	8	G 10	1108.4700	554.7389
967.4161	9	Y 9	1051.4485	526.2282
1082.4431	10	D 8	888.3852	444.6965
1245.5064	11	Y 7	773.3582	387.1830
1332.5384	12	S 6	610.2949	305.6514
1495.6017	13	Y 5	523.2629	262.1353
1566.6389	14	A 4	360.1995	180.6037
1623.6603	15	G 3	289.1624	145.0851
1680.6818	16	G 2	232.1410	116.5744
	17	R 1	175.1195	88.0637

N-term:+29.04

YFKEQFLDGDWATNR, MH+ 1958.0084, m/z 653.3410
 H OSG40 P180811 230811-s1.07305.07305.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

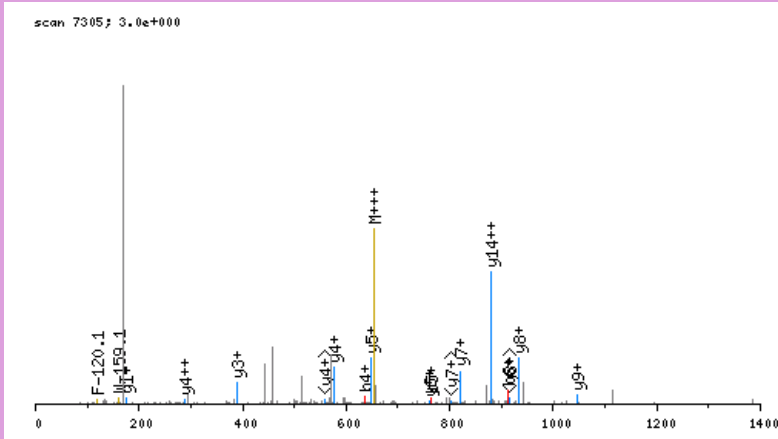
y + 2+ 3+

z + 2+ 3+

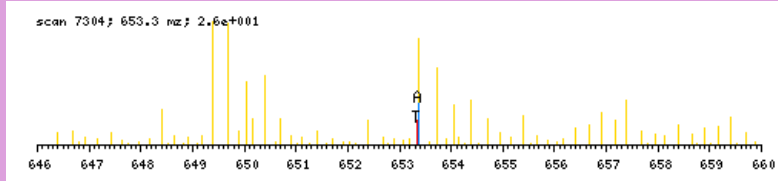
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
345.2026	2	F 14	1760.8820	880.9449
507.3607	3	K 13	1613.8136	807.4107
636.4033	4	E 12	1451.6555	726.3317
764.4619	5	Q 11	1322.6129	661.8104
911.5303	6	F 10	1194.5544	597.7811
1024.6144	7	L 9	1047.4859	524.2469
1139.6413	8	D 8	934.4019	467.7049
1196.6628	9	G 7	819.3749	410.1914
1311.6897	10	D 6	762.3535	381.6807
1382.7269	11	A 5	647.3265	324.1672
1568.8062	12	W 4	576.2894	288.6486
1669.8538	13	T 3	390.2101	195.6090
1783.8968	14	N 2	289.1624	145.0851
	15	R 1	175.1195	88.0637

N-term:+35.07 K(3):+162.16

YGIDNLLHYNR, MH+ 1520.7497, m/z 507.5881
 L OSG40 P180811 230811-s1.06433.06433.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

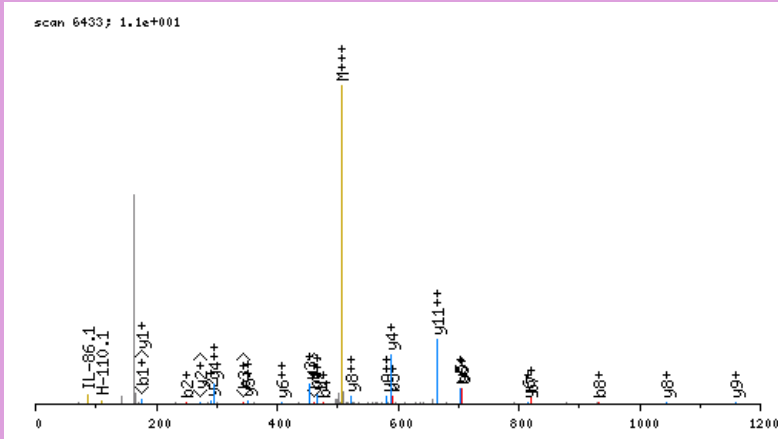
y + 2+ 3+

z + 2+ 3+

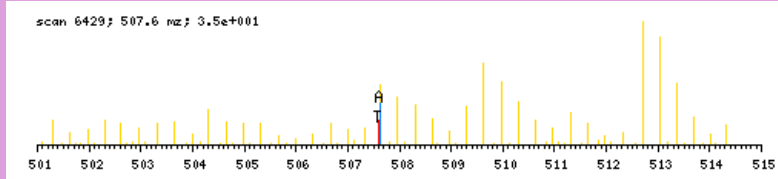
hide H₂O/NH₃

zoom 112-122

GO



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



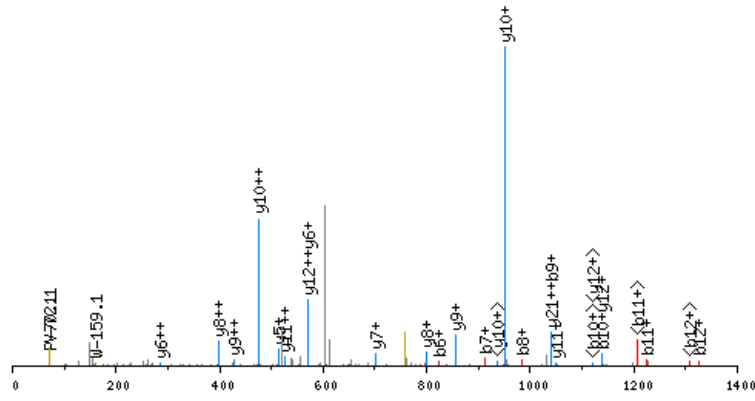
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
192.1024	1	Y 12		
249.1239	2	G 11	1329.6551	665.3315
362.2080	3	I 10	1272.6337	636.8207
477.2349	4	D 9	1159.5496	580.2787
592.2618	5	D 8	1044.5227	522.7652
706.3048	6	N 7	929.4957	465.2518
819.3888	7	L 6	815.4528	408.2303
932.4729	8	L 5	702.3687	351.6883
1069.5318	9	H 4	589.2847	295.1462
1232.5951	10	Y 3	452.2258	226.6168
1346.6381	11	N 2	289.1624	145.0851
	12	R 1	175.1195	88.0637

N-term:+29.04

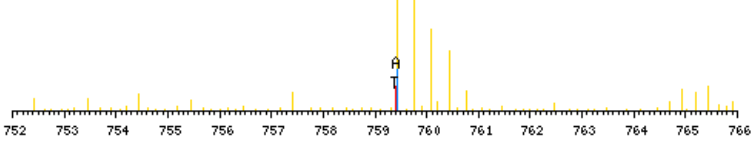
YGYDEKSAGVSPGPMGPGSQR, MH+ 2276.1658, m/z 759.3934
H OSG38 P180811 230811-s1.06437.06437.3.dta

scan 6437; 4.1e+000



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

scan 6434; 759.4 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⁺
198.1342	1	Y	22	
255.1557	2	G	21	2079.0394
418.2190	3	Y	20	2022.0179
533.2460	4	D	19	1858.9546
662.2886	5	E	18	1743.9276
824.4467	6	K	17	1614.8850
911.4787	7	S	16	1452.7269
982.5158	8	A	15	1365.6949
1039.5373	9	G	14	1294.6578
1138.6057	10	V	13	1237.6363
1225.6377	11	S	12	1138.5679
1324.7061	12	V	11	1051.5359
1421.7589	13	P	10	952.4675
1478.7803	14	G	9	855.4147
1575.8331	15	P	8	798.3932
1706.8736	16	M	7	701.3405
1763.8951	17	G	6	570.3000
1860.9478	18	P	5	513.2785
1947.9799	19	S	4	416.2258
2005.0013	20	G	3	329.1937
2102.0541	21	P	2	272.1723
	22	R	1	175.1195

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

YGYTHLSTGDLRL, MH+ 1529.8176, m/z 510.6107
 H OSG40 P180811 230811-s1.06133.06133.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

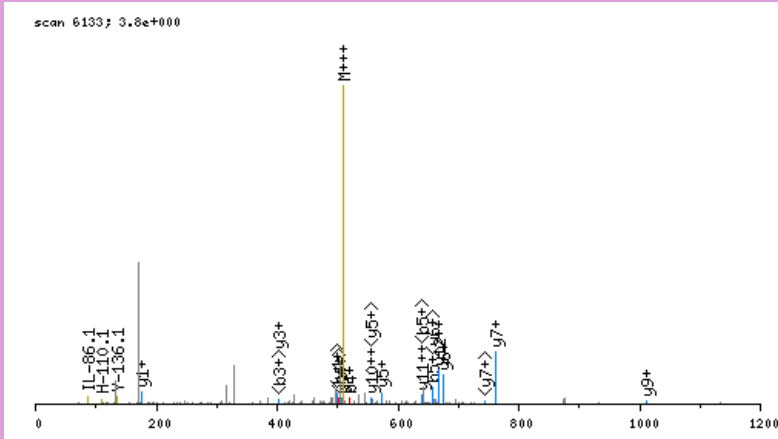
y + 2+ 3+

z + 2+ 3+

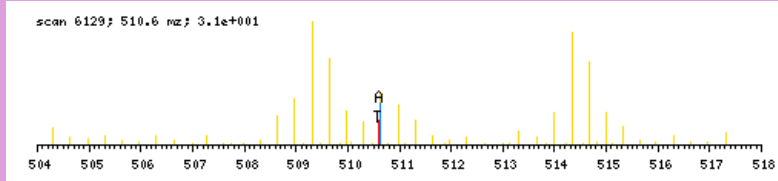
hide H₂O/NH₃

zoom 112-122

GO



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



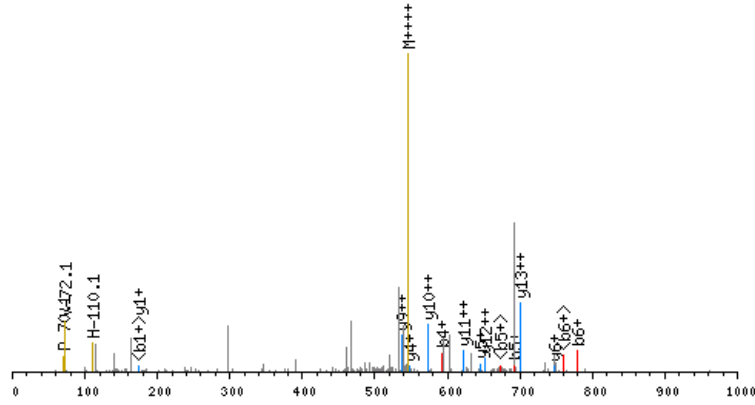
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
198.1342	1	Y 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

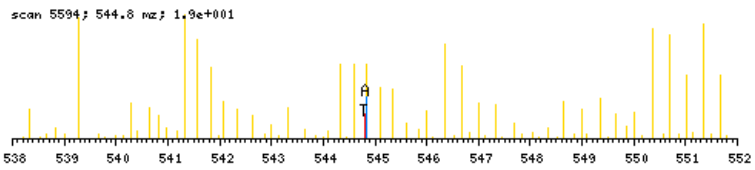
N-term:+35.07

YKEDVSPGTAIGKTPPEMLR, MH+ 2176.1688, m/z 544.7977
 L OSG40 P180811 230811-s1.05598.05598.4.dta

scan 5598; 1.8e+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

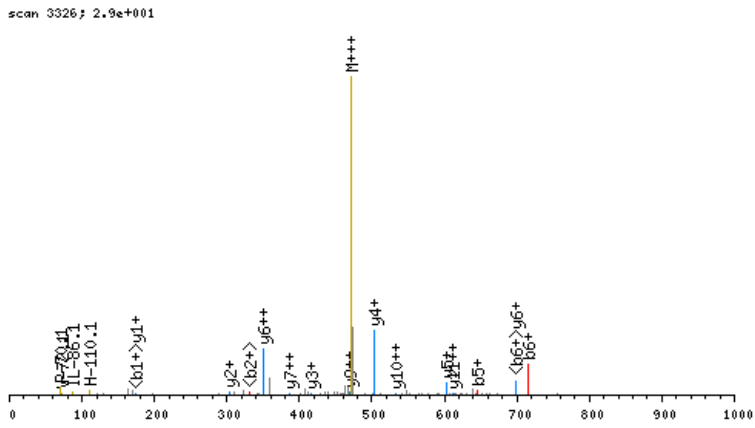
zoom 112-122

GO

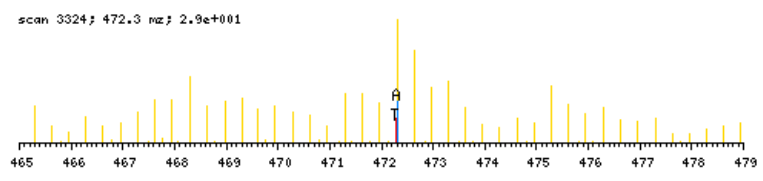
b ⁺	#	AA	#	y ⁺	y ²⁺
192.1024	1	Y	19		
348.2287	2	K	18	1985.0742	993.0410
477.2713	3	E	17	1828.9479	914.9779
592.2983	4	D	16	1699.9053	850.4566
691.3667	5	V	15	1584.8784	792.9431
778.3987	6	S	14	1485.8100	743.4089
875.4515	7	P	13	1398.7779	699.8929
932.4729	8	G	12	1301.7252	651.3665
1033.5206	9	T	11	1244.7037	622.8558
1104.5577	10	A	10	1143.6560	572.3319
1217.6418	11	I	9	1072.6189	536.8134
1274.6633	12	G	8	959.5348	480.2713
1430.7896	13	K	7	902.5134	451.7606
1531.8372	14	T	6	746.3871	373.6975
1628.8900	15	P	5	645.3394	323.1736
1757.9326	16	E	4	548.2866	274.6472
1888.9731	17	M	3	419.2440	210.1259
2002.0571	18	L	2	288.2036	144.6057
	19	R	1	175.1195	88.0637

N-term:+29.04 K(2):+156.13
 K(13):+156.13

YKEPAAPVSIQR, MH+ 1414.8058, m/z 472.2735
 L OSG40 P180811 230811-s1.03326.03326.3.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		
348.2287	2	K	11	1223.7112	612.3595
477.2713	3	E	10	1067.5849	534.2964
574.3241	4	P	9	938.5423	469.7751
645.3612	5	A	8	841.4896	421.2487
716.3983	6	A	7	770.4525	385.7301
813.4511	7	P	6	699.4153	350.2116
912.5195	8	V	5	602.3626	301.6852
999.5515	9	S	4	503.2942	252.1510
1112.6356	10	I	3	416.2621	208.6350
1240.6942	11	Q	2	303.1781	152.0930
	12	R	1	175.1195	88.0637

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

YLPSQVTEMFNQGR, MH+ 1697.8321, m/z 566.6155
 L OSG37 P180811 230811-s1.07770.07770.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

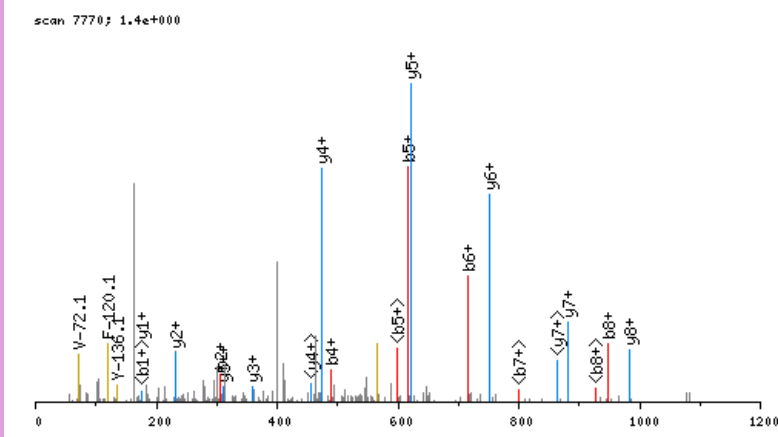
y + 2+ 3+

z + 2+ 3+

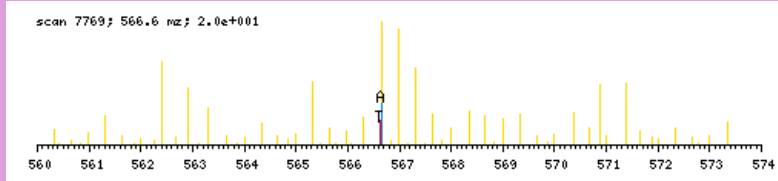
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
305.1865	2	L 13	1506.7375	753.8727
402.2393	3	P 12	1393.6534	697.3306
489.2713	4	S 11	1296.6007	648.8042
617.3299	5	Q 10	1209.5686	605.2882
716.3983	6	V 9	1081.5101	541.2589
817.4460	7	T 8	982.4416	491.7247
946.4885	8	E 7	881.3940	441.2009
1077.5290	9	M 6	752.3514	376.6796
1224.5974	10	F 5	621.3109	311.1594
1338.6404	11	N 4	474.2425	237.6251
1466.6990	12	Q 3	360.1995	180.6037
1523.7204	13	G 2	232.1410	116.5744
	14	R 1	175.1195	88.0637

N-term:+29.04

YMEKNQLEEVPSALPR, MH+ 1960.0214, m/z 654.0120
 L OSG39 P180811 230811-s1.04742.04742.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

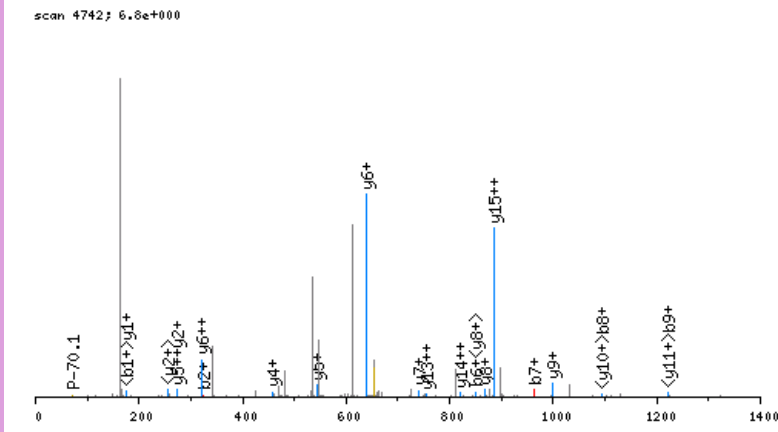
y + 2+ 3+

z + 2+ 3+

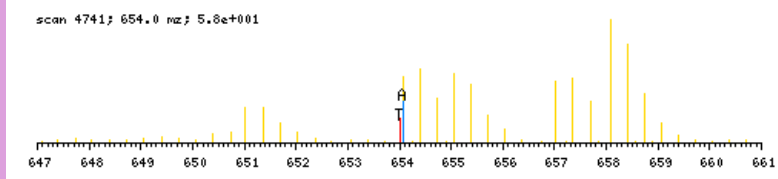
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
323.1429	2	M 15	1768.9268	884.9673
452.1855	3	E 14	1637.8863	819.4471
608.3118	4	K 13	1508.8437	754.9258
722.3547	5	N 12	1352.7174	676.8626
850.4133	6	Q 11	1238.6745	619.8412
963.4974	7	L 10	1110.6159	555.8119
1092.5400	8	E 9	997.5318	499.2698
1221.5826	9	E 8	868.4892	434.7485
1320.6510	10	V 7	739.4466	370.2272
1417.7037	11	P 6	640.3782	320.6930
1504.7358	12	S 5	543.3255	272.1666
1575.7729	13	A 4	456.2934	228.6506
1688.8569	14	L 3	385.2563	193.1321
1785.9097	15	P 2	272.1723	136.5900
	16	R 1	175.1195	88.0637

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

YNLDPQEGGECALMR, MH+ 1786.8316, m/z 596.2820
 H OSG37 P180811 230811-s1.05822.05822.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

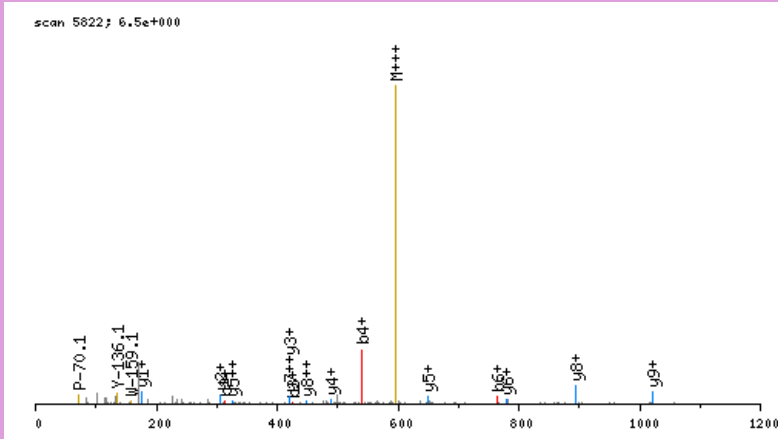
y + 2+ 3+

z + 2+ 3+

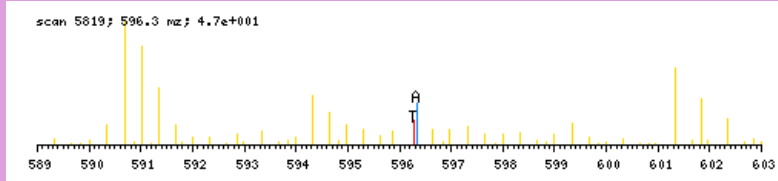
hide H₂O/NH₃

zoom 112-122

GO



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



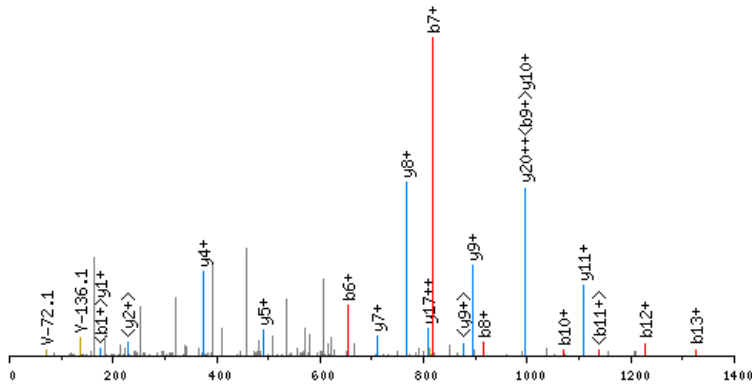
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
198.1342	1	Y	15		
312.1772	2	N	14	1589.7052	795.3565
425.2612	3	L	13	1475.6622	738.3350
540.2882	4	D	12	1362.5782	681.7930
637.3409	5	P	11	1247.5512	624.2795
765.3995	6	Q	10	1150.4985	575.7531
894.4421	7	E	9	1022.4399	511.7239
951.4636	8	G	8	893.3973	447.2026
1008.4850	9	G	7	836.3758	418.6918
1137.5276	10	E	6	779.3544	390.1811
1297.5582	11	C	5	650.3118	325.6598
1368.5953	12	A	4	490.2812	245.6445
1481.6794	13	L	3	419.2440	210.1259
1612.7199	14	M	2	306.1600	153.5839
	15	R	1	175.1195	88.0637

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

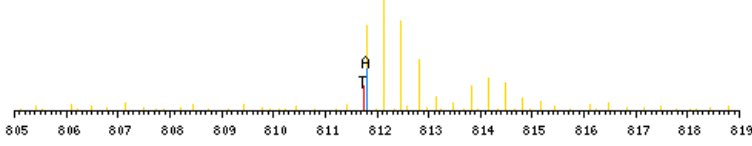
YPVGPPIYPPGSAVLVEGGYDAGAR, MH+ 2433.2454, m/z 811.7533
 L OSG36 P180811 230811-s1.05768.05768.3.dta

scan 5768; 1.9e+000



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

scan 5764; 811.8 mz; 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⁺
192.1024	1	Y 24		
289.1552	2	P 23	2242.1508	1121.5793
388.2236	3	V 22	2145.0980	1073.0529
445.2451	4	G 21	2046.0296	1023.5187
542.2978	5	P 20	1989.0082	995.0080
655.3819	6	I 19	1891.9554	946.4816
818.4452	7	Y 18	1778.8713	889.9396
915.4980	8	P 17	1615.8080	808.4079
1012.5508	9	P 16	1518.7552	759.8815
1069.5722	10	G 15	1421.7025	711.3552
1156.6042	11	S 14	1364.6810	682.8444
1227.6414	12	A 13	1277.6490	639.3284
1326.7098	13	V 12	1206.6119	603.8099
1439.7938	14	L 11	1107.5435	554.2756
1538.8623	15	V 10	994.4594	497.7336
1667.9048	16	E 9	895.3910	448.1994
1724.9263	17	G 8	766.3484	383.6781
1781.9478	18	G 7	709.3269	355.1674
1945.0111	19	Y 6	652.3055	326.6566
2060.0380	20	D 5	489.2421	245.1250
2131.0752	21	A 4	374.2152	187.6115
2188.0966	22	G 3	303.1781	152.0930
2259.1337	23	A 2	246.1566	123.5822
	24	R 1	175.1195	88.0637

N-term:+29.04

YQQPSLLAAPLGLADHR, MH+ 1949.0608, m/z 650.3585
 L OSG39 P180811 230811-s1.06573.06573.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

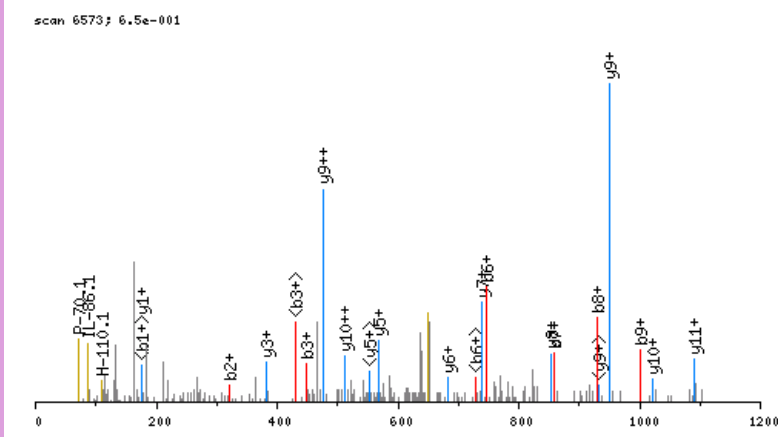
y + 2+ 3+

z + 2+ 3+

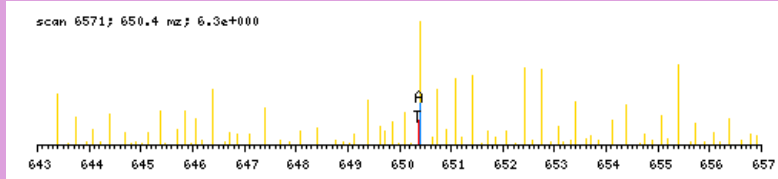
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
320.1610	2	Q	17	1757.9662	879.4870
448.2196	3	Q	16	1629.9077	815.4577
545.2723	4	P	15	1501.8491	751.4285
632.3044	5	S	14	1404.7963	702.9021
745.3884	6	L	13	1317.7643	659.3861
858.4725	7	L	12	1204.6802	602.8440
929.5096	8	A	11	1091.5962	546.3020
1000.5467	9	A	10	1020.5591	510.7834
1097.5995	10	P	9	949.5219	475.2649
1210.6836	11	L	8	852.4692	426.7385
1267.7050	12	G	7	739.3851	370.1965
1380.7891	13	L	6	682.3636	341.6857
1451.8262	14	A	5	569.2796	285.1437
1566.8531	15	D	4	498.2425	249.6251
1637.8903	16	A	3	383.2155	192.1117
1774.9492	17	H	2	312.1784	156.5931
	18	R	1	175.1195	88.0637

N-term:+29.04

YSDKGVSSGPGMGLMGPR, MH+ 1948.9625, m/z 650.3257
 L OSG39 P180811 230811-s1.04790.04790.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

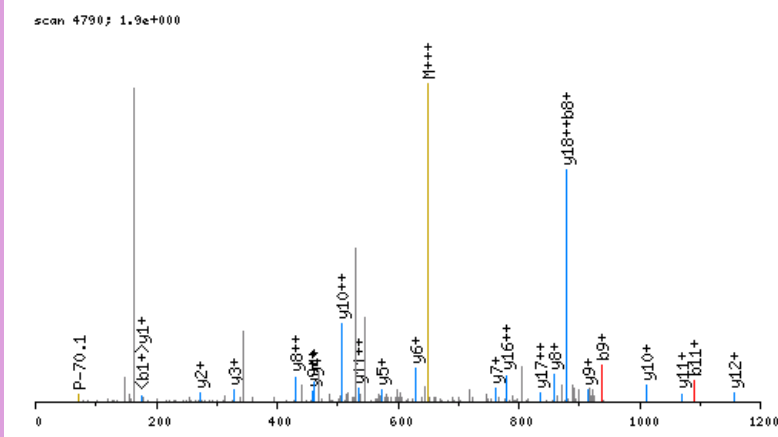
y + 2+ 3+

z + 2+ 3+

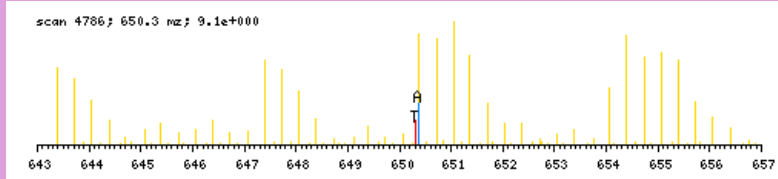
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	879.4379
394.1614	3	D	17	835.9218
550.2877	4	K	16	778.4084
607.3092	5	G	15	700.3452
706.3776	6	V	14	671.8345
793.4096	7	S	13	622.3003
880.4416	8	S	12	578.7843
937.4631	9	G	11	535.2683
1034.5159	10	P	10	506.7575
1091.5373	11	G	9	458.2311
1188.5901	12	P	8	429.7204
1319.6306	13	M	7	381.1940
1376.6520	14	G	6	315.6738
1489.7361	15	L	5	287.1631
1620.7766	16	M	4	230.6210
1677.7981	17	G	3	165.1008
1774.8508	18	P	2	136.5900
	19	R	1	88.0637

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

YSLLPASLLDHR, MH+ 1412.7901, m/z 471.6016
 L OSG39 P180811 230811-s1.06570.06570.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

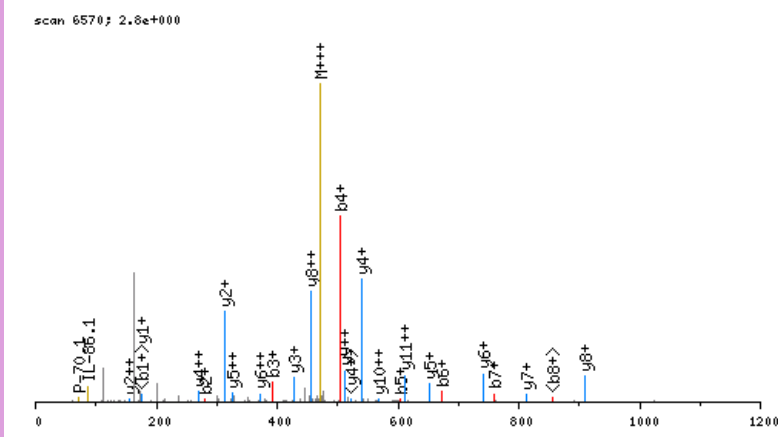
y + 2+ 3+

z + 2+ 3+

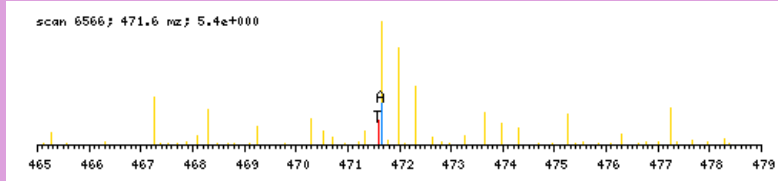
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

YSSSDVIELTPSNFNR, MH+ 1977.9618, m/z 659.9921
 H OSG37 P180811 230811-s1.06780.06780.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

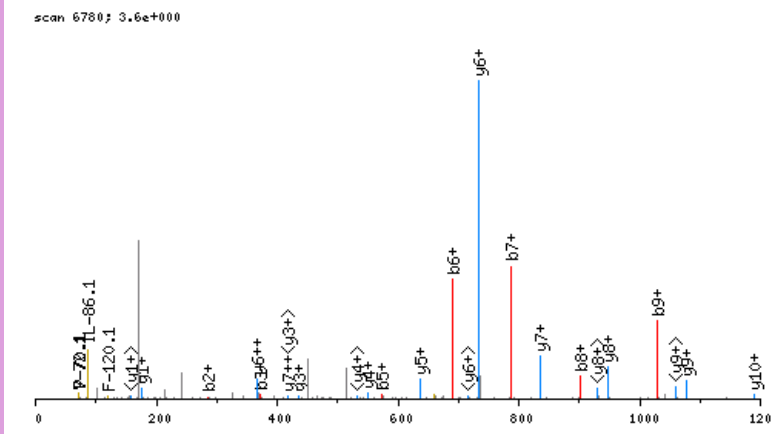
y + 2+ 3+

z + 2+ 3+

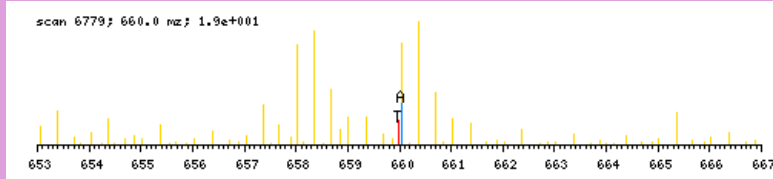
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

YSTSNIQDALHGQLR, MH+ 1736.9143, m/z 579.6430
 H OSG40 P180811 230811-s1.06257.06257.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

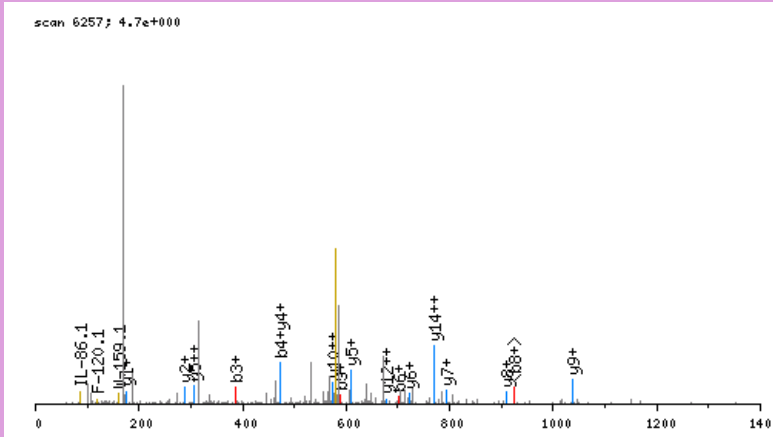
y + 2+ 3+

z + 2+ 3+

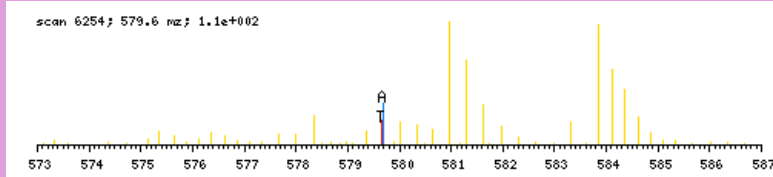
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
285.1663	2	S	14	1539.7879	770.3979
386.2139	3	T	13	1452.7559	726.8819
473.2460	4	S	12	1351.7082	676.3580
587.2889	5	N	11	1264.6762	632.8420
700.3730	6	I	10	1150.6333	575.8206
828.4315	7	Q	9	1037.5492	519.2785
943.4585	8	D	8	909.4906	455.2492
1014.4956	9	A	7	794.4637	397.7358
1127.5797	10	L	6	723.4266	362.2172
1264.6386	11	H	5	610.3425	305.6752
1321.6600	12	G	4	473.2836	237.1457
1449.7186	13	Q	3	416.2621	208.6350
1562.8027	14	L	2	288.2036	144.6057
	15	R	1	175.1195	88.0637

N-term:+35.07

YSVLQATPTAKDEGR, MH+ 1691.8968, m/z 564.6371
 L OSG39 P180811 230811-s1.03143.03143.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

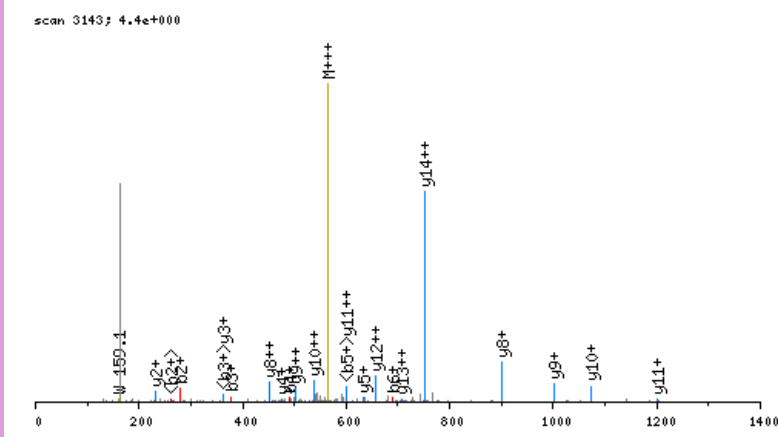
y + 2+ 3+

z + 2+ 3+

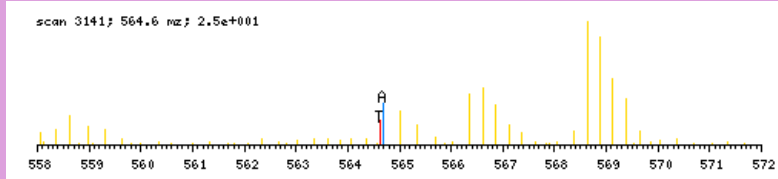
hide H₂O/NH₃

zoom 112-122

GO



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



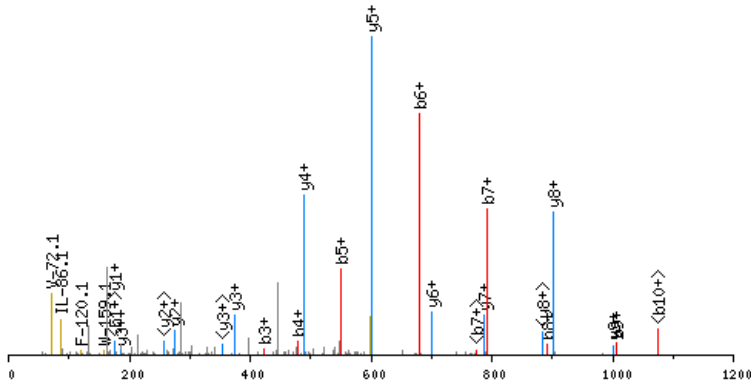
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
192.1024	1	Y	15		
279.1345	2	S	14	1500.8022	750.9050
378.2029	3	V	13	1413.7702	707.3890
491.2869	4	L	12	1314.7018	657.8548
619.3455	5	Q	11	1201.6177	601.3128
690.3826	6	A	10	1073.5591	537.2835
791.4303	7	T	9	1002.5220	501.7649
888.4831	8	P	8	901.4744	451.2411
989.5307	9	T	7	804.4216	402.7147
1060.5679	10	A	6	703.3739	352.1909
1216.6942	11	K	5	632.3368	316.6723
1331.7211	12	D	4	476.2105	238.6092
1460.7637	13	E	3	361.1836	181.0957
1517.7852	14	G	2	232.1410	116.5744
	15	R	1	175.1195	88.0637

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

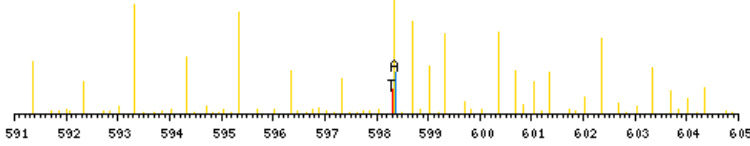
YTEGAEIVDSVLDVVR, MH+ 1792.9332, m/z 598.3159
 L OSG37 P180811 230811-s1.08812.08812.3.dta

scan 8812; 1.9e+000



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

scan 8809; 598.3 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⁺
192.1024	1	Y 16		
293.1501	2	T 15	1601.8386	801.4232
422.1927	3	E 14	1500.7910	750.8994
479.2142	4	G 13	1371.7484	686.3781
550.2513	5	A 12	1314.7269	657.8674
679.2939	6	E 11	1243.6898	622.3488
792.3779	7	L 10	1114.6472	557.8275
891.4463	8	V 9	1001.5631	501.2855
1006.4733	9	D 8	902.4947	451.7513
1093.5053	10	S 7	787.4678	394.2378
1192.5737	11	V 6	700.4357	350.7218
1305.6578	12	L 5	601.3673	301.1876
1420.6847	13	D 4	488.2833	244.6455
1519.7532	14	V 3	373.2563	187.1321
1618.8216	15	V 2	274.1879	137.5979
	16	R 1	175.1195	88.0637

N-term:+29.04

YTPEPNGMASEEVTEKER, MH+ 2122.9967, m/z 708.3371
 L OSG39 P180811 230811-s1.03159.03159.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

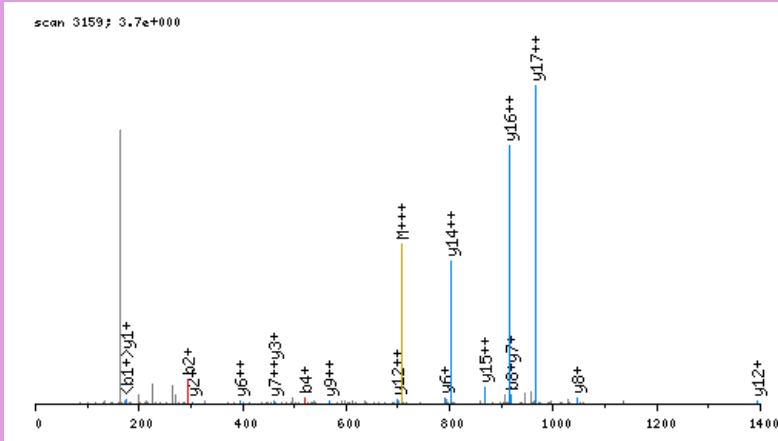
y + 2+ 3+

z + 2+ 3+

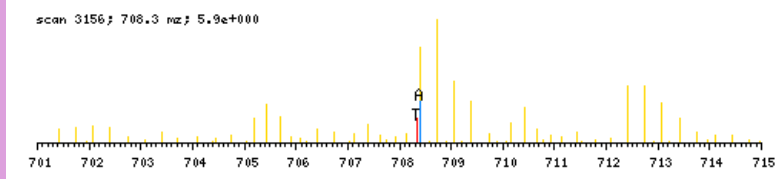
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

YVDAGAETMTQR, MH+ 1375.6740, m/z 459.2295
 H OSG37 P180811 230811-s1.02800.02800.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

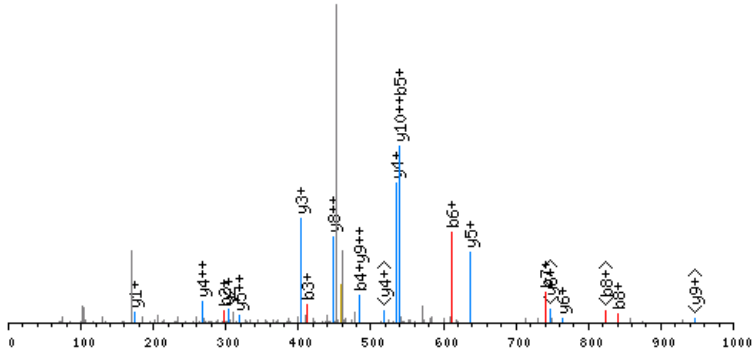
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

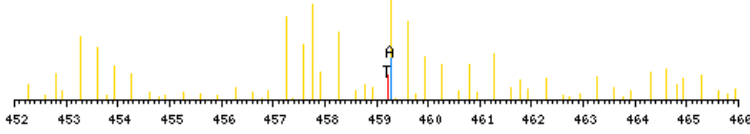
GO

scan 2800; 2.4e+000



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

scan 2799; 459.2 m/z; 2.1e+001



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

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 859.3726
 L OSG37 P180811 230811-s1.04743.04743.2.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+

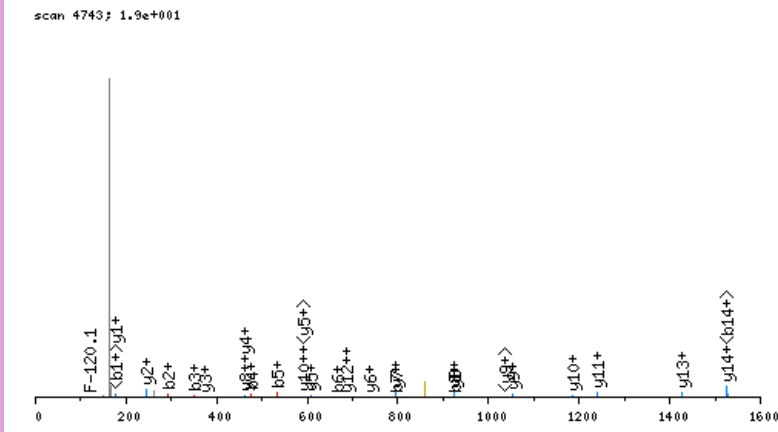
y + 2+ 3+

z + 2+ 3+

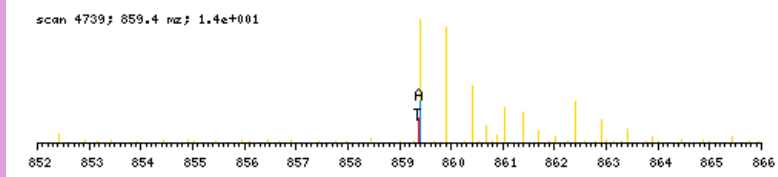
hide H₂O/NH₃

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	15	
291.1708	2	V	14	1526.6433
348.1923	3	G	13	1427.5749
477.2349	4	E	12	1370.5534
534.2564	5	G	11	1241.5108
665.2968	6	M	10	1184.4894
794.3394	7	E	9	1053.4489
923.3820	8	E	8	924.4063
980.4035	9	G	7	795.3637
1109.4461	10	E	6	738.3422
1256.5145	11	F	5	609.2997
1343.5465	12	S	4	462.2312
1472.5891	13	E	3	375.1992
1543.6262	14	A	2	246.1566
	15	R	1	175.1195

N-term:+29.04

YVSPEDLEAQLQSDER, MH+ 1912.9352, m/z 638.3166
 H OSG37 P180811 230811-s1.06941.06941.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

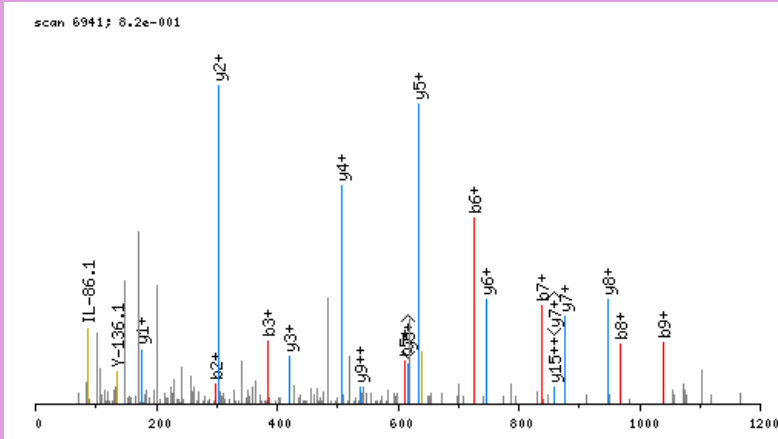
y + 2+ 3+

z + 2+ 3+

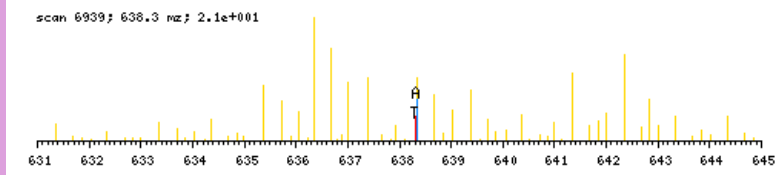
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
297.2026	2	V 15	1715.8088	858.4083
384.2347	3	S 14	1616.7404	808.8741
481.2874	4	P 13	1529.7084	765.3581
610.3300	5	E 12	1432.6556	716.8317
725.3570	6	D 11	1303.6130	652.3104
838.4410	7	L 10	1188.5861	594.7969
967.4836	8	E 9	1075.5020	538.2549
1038.5207	9	A 8	946.4594	473.7336
1166.5793	10	Q 7	875.4223	438.2151
1279.6634	11	L 6	747.3637	374.1858
1407.7220	12	Q 5	634.2796	317.6437
1494.7540	13	S 4	506.2211	253.6144
1609.7809	14	D 3	419.1890	210.0984
1738.8235	15	E 2	304.1621	152.5850
	16	R 1	175.1195	88.0637

N-term:+35.07

YVTIIDAPGHR, MH+ 1275.7273, m/z 425.9140
 H OSG40 P180811 230811-s1.03941.03941.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

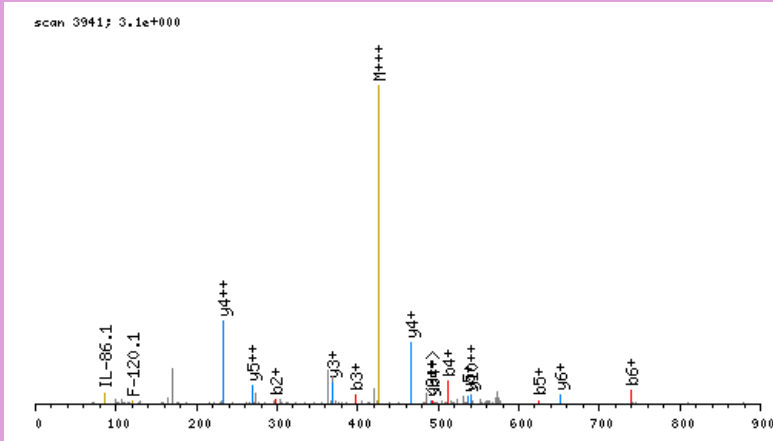
y + 2+ 3+

z + 2+ 3+

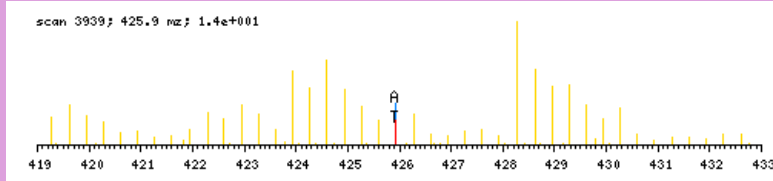
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	11	
297.2026	2	V	10	1078.6009
398.2503	3	T	9	979.5325
511.3344	4	I	8	878.4848
624.4184	5	I	7	765.4008
739.4454	6	D	6	652.3167
810.4825	7	A	5	537.2898
907.5353	8	P	4	466.2526
964.5567	9	G	3	369.1999
1101.6156	10	H	2	312.1784
	11	R	1	175.1195

N-term:+35.07

YYSMKGAGTDDSTLVR, MH+ 1819.8900, m/z 607.3015
 L OSG39 P180811 230811-s1.03329.03329.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

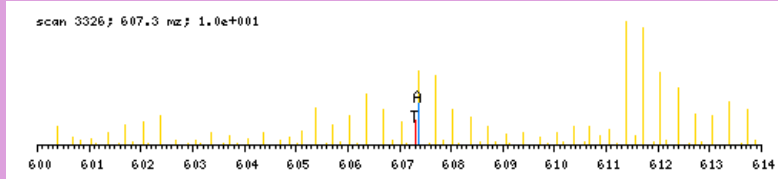
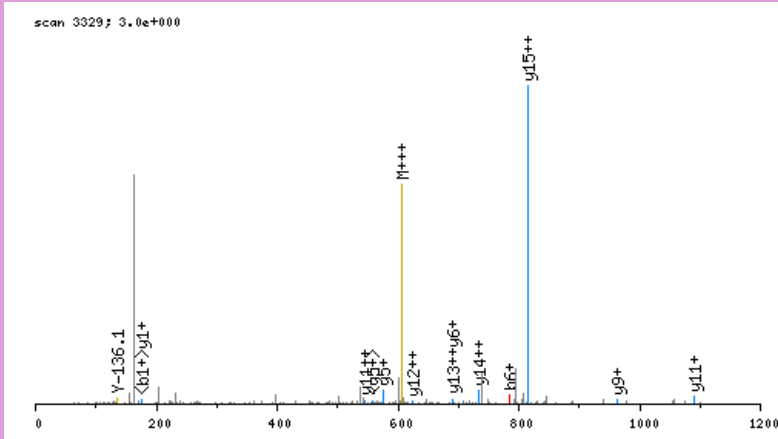
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO



b ⁺	#	AA #	y ⁺	y ²⁺
192.1024	1	Y	16	
355.1658	2	Y	15	1628.7954
442.1978	3	S	14	1465.7321
573.2383	4	M	13	1378.7001
729.3646	5	K	12	1247.6596
786.3860	6	G	11	1091.5333
857.4231	7	A	10	1034.5118
914.4446	8	G	9	963.4747
1015.4923	9	T	8	906.4533
1130.5192	10	D	7	805.4056
1245.5462	11	D	6	690.3786
1332.5782	12	S	5	575.3517
1433.6259	13	T	4	488.3197
1546.7099	14	L	3	387.2720
1645.7784	15	V	2	274.1879
	16	R	1	175.1195

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