

AAAAAAAAAAGAAGGR, MH+ 1240.6398, m/z 620.8236
 H OS G29 P150811 220811-s1.04481.04481.2.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+

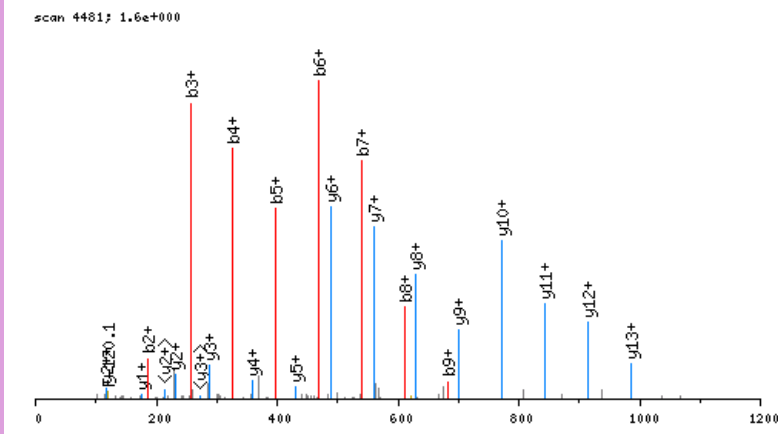
y + 2+ 3+

z + 2+ 3+

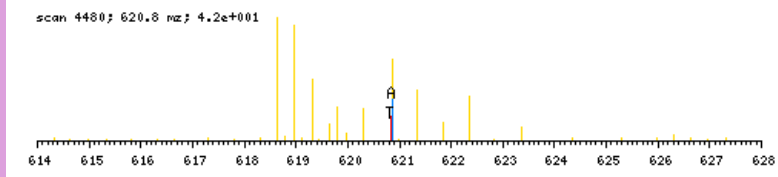
hide H₂O/NH₃

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⁺
114.0555	1	A 16		
185.0926	2	A 15	1127.5921	564.3000
256.1297	3	A 14	1056.5550	528.7814
327.1669	4	A 13	985.5179	493.2629
398.2040	5	A 12	914.4808	457.7443
469.2411	6	A 11	843.4437	422.2258
540.2782	7	A 10	772.4066	386.7072
611.3153	8	A 9	701.3695	351.1886
682.3524	9	A 8	630.3323	315.6701
753.3895	10	A 7	559.2952	280.1515
810.4110	11	G 6	488.2581	244.6330
881.4481	12	A 5	431.2367	216.1222
952.4852	13	A 4	360.1995	180.6037
1009.5067	14	G 3	289.1624	145.0851
1066.5282	15	G 2	232.1410	116.5744
	16	R 1	175.1195	88.0637

N-term:+43.02

AAAAAAAAAAGAAGGR, MH+ 1169.6027, m/z 585.3050
 H OS G29 P150811 220811-s1.04061.04061.2.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+

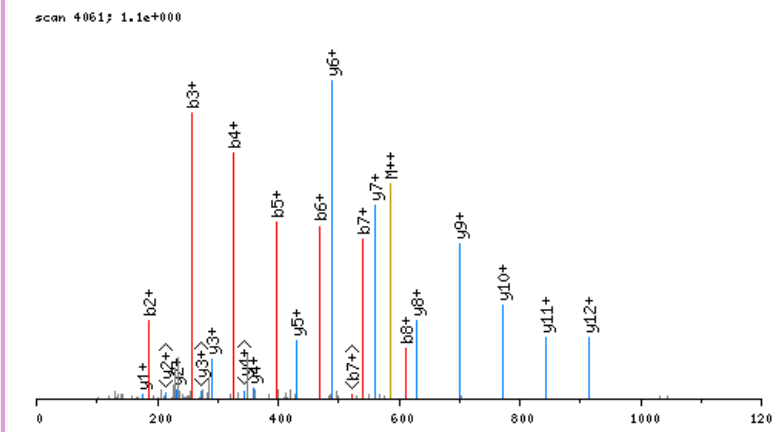
y + 2+ 3+

z + 2+ 3+

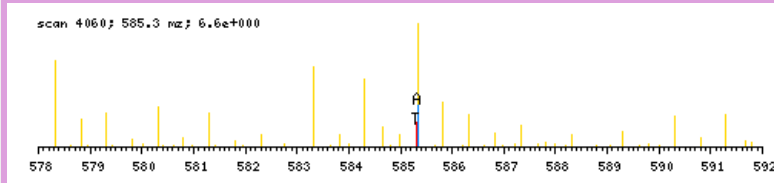
hide H₂O/NH₃

zoom 112-122

GO



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



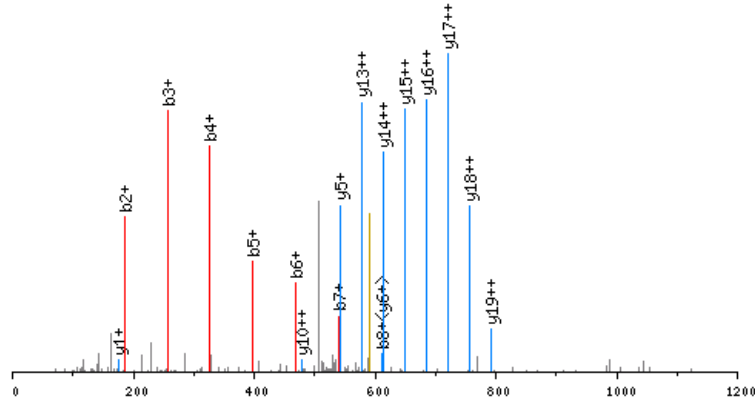
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	15		
185.0926	2	A	14	1056.5550	528.7814
256.1297	3	A	13	985.5179	493.2629
327.1669	4	A	12	914.4808	457.7443
398.2040	5	A	11	843.4437	422.2258
469.2411	6	A	10	772.4066	386.7072
540.2782	7	A	9	701.3695	351.1886
611.3153	8	A	8	630.3323	315.6701
682.3524	9	A	7	559.2952	280.1515
739.3739	10	G	6	488.2581	244.6330
810.4110	11	A	5	431.2367	216.1222
881.4481	12	A	4	360.1995	180.6037
938.4696	13	G	3	289.1624	145.0851
995.4910	14	G	2	232.1410	116.5744
	15	R	1	175.1195	88.0637

N-term:+43.02

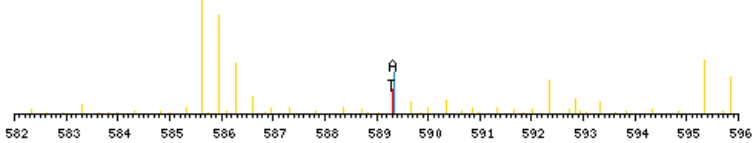
AAAAAAGAAGRGSGPGR, MH+ 1765.9170, m/z 589.3105
 H OS G25 P150811 220811-s1.05661.05661.3.dta

scan 5661; 1.7e+000



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

scan 5657; 589.3 m/z; 9.7e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 21		
185.0926	2	A 20	1652.8693	826.9386
256.1297	3	A 19	1581.8322	791.4200
327.1669	4	A 18	1510.7951	755.9015
398.2040	5	A 17	1439.7580	720.3829
469.2411	6	A 16	1368.7209	684.8643
540.2782	7	A 15	1297.6838	649.3458
611.3153	8	A 14	1226.6466	613.8272
668.3368	9	G 13	1155.6095	578.3087
739.3739	10	A 12	1098.5881	549.7979
810.4110	11	A 11	1027.5509	514.2794
867.4325	12	G 10	956.5138	478.7608
924.4539	13	G 9	899.4924	450.2501
1080.5550	14	R 8	842.4709	421.7394
1137.5765	15	G 7	686.3698	343.6888
1224.6085	16	S 6	629.3483	315.1781
1281.6300	17	G 5	542.3163	271.6621
1378.6828	18	P 4	485.2948	243.1513
1435.7042	19	G 3	388.2421	194.6250
1591.8053	20	R 2	331.2206	166.1142
	21	R 1	175.1195	88.0637

N-term:+43.02

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

AAAAAAGPEMVR, MH+ 1156.5785, m/z 578.7929
 H OS G29 P150811 220811-s1.03488.03488.2.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+

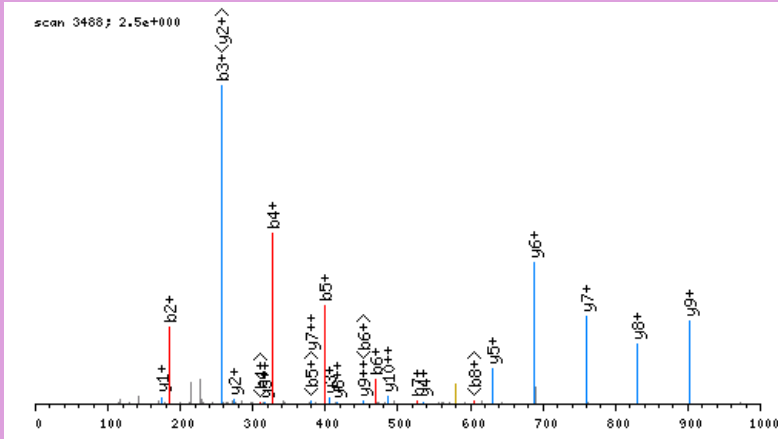
y + 2+ 3+

z + 2+ 3+

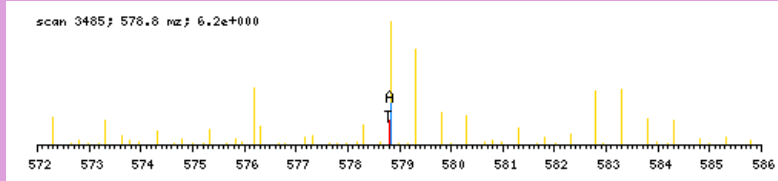
hide H₂O/NH₃

zoom 112-122

GO



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



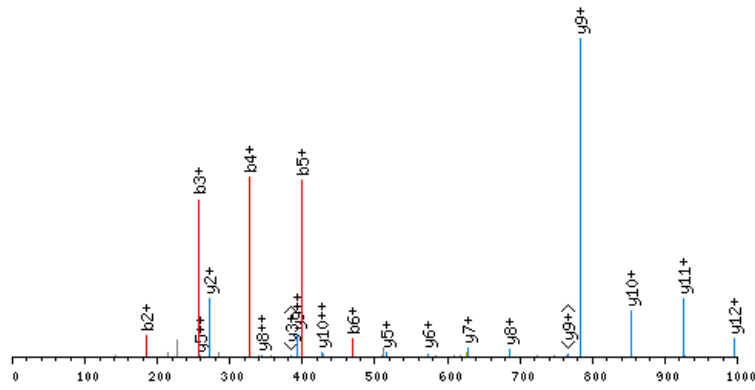
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	12		
185.0926	2	A	11	1043.5308	522.2693
256.1297	3	A	10	972.4937	486.7508
327.1669	4	A	9	901.4566	451.2322
398.2040	5	A	8	830.4194	415.7136
469.2411	6	A	7	759.3823	380.1951
526.2625	7	G	6	688.3452	344.6765
623.3153	8	P	5	631.3238	316.1658
752.3579	9	E	4	534.2710	267.6394
883.3984	10	M	3	405.2284	203.1181
982.4668	11	V	2	274.1879	137.5979
	12	R	1	175.1195	88.0637

N-term:+43.02

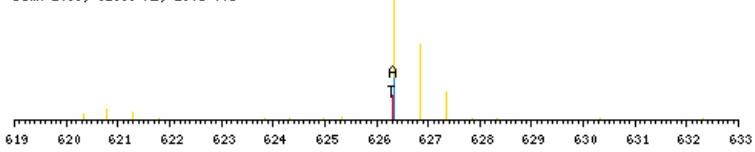
AAAAAAPGGGGGEPR, MH+ 1251.6082, m/z 626.3077
 H OS G29 P150811 220811-s1.02436.02436.2.dta

scan 2436; 3.7e+000



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

scan 2435; 626.3 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⁺
114.0555	1	A 15		
185.0926	2	A 14	1138.5605	569.7842
256.1297	3	A 13	1067.5234	534.2656
327.1669	4	A 12	996.4863	498.7471
398.2040	5	A 11	925.4492	463.2285
469.2411	6	A 10	854.4121	427.7099
566.2938	7	P 9	783.3749	392.1914
623.3153	8	G 8	686.3222	343.6650
680.3368	9	G 7	629.3007	315.1543
737.3582	10	G 6	572.2792	286.6435
794.3797	11	G 5	515.2578	258.1328
851.4012	12	G 4	458.2363	229.6221
980.4438	13	E 3	401.2149	201.1113
1077.4965	14	P 2	272.1723	136.5900
	15	R 1	175.1195	88.0637

N-term:+43.02

AAAAA VAGAGR, MH+ 998.5383, m/z 499.7728
 H OS G29 P150811 220811-s1.03634.03634.2.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+

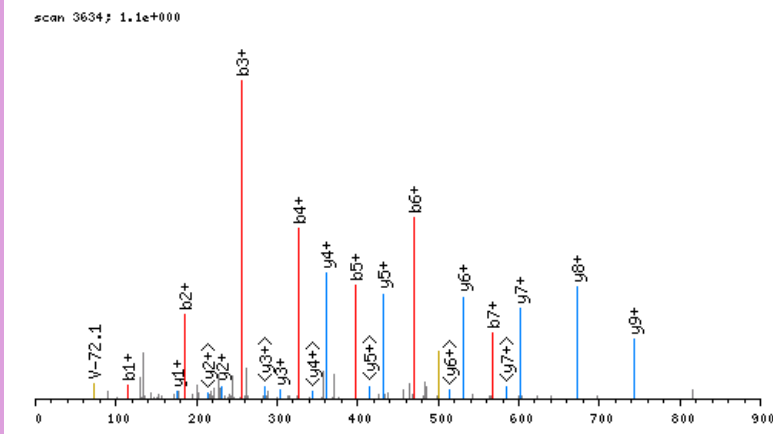
y + 2+ 3+

z + 2+ 3+

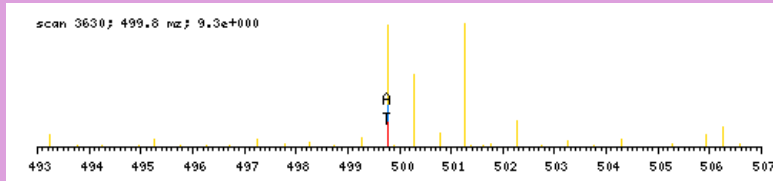
hide H₂O/NH₃

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⁺
114.0555	1	A	12	
185.0926	2	A	11	885.4906 443.2492
256.1297	3	A	10	814.4535 407.7307
327.1669	4	A	9	743.4164 372.2121
398.2040	5	A	8	672.3793 336.6936
469.2411	6	A	7	601.3422 301.1750
568.3095	7	V	6	530.3051 265.6564
639.3466	8	A	5	431.2367 216.1222
696.3681	9	G	4	360.1995 180.6037
767.4052	10	A	3	303.1781 152.0930
824.4267	11	G	2	232.1410 116.5744
	12	R	1	175.1195 88.0637

N-term:+43.02

AAAAAGPASSQR, MH+ 1099.5496, m/z 550.2784
 H OS G29 P150811 220811-s1.02188.02188.2.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+

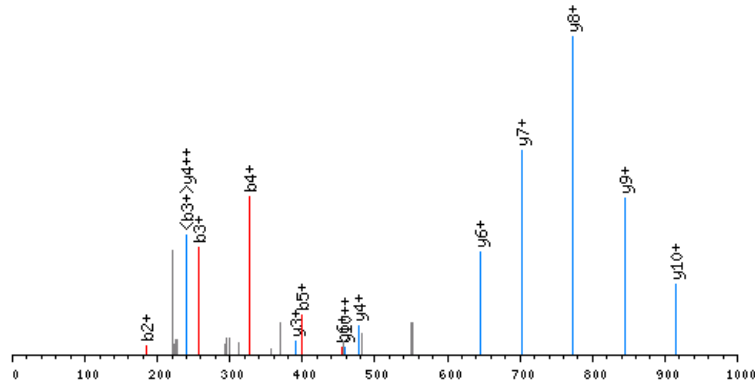
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

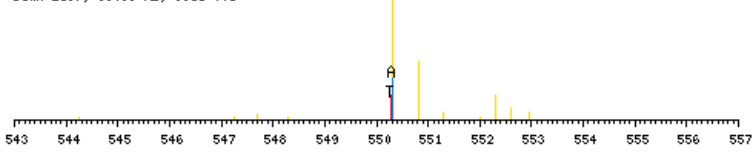
GO

scan 2188; 3.6e-001



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

scan 2187; 550.3 m/z; 8.1e-001



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

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	12		
185.0926	2	A	11	986.5019	493.7549
256.1297	3	A	10	915.4648	458.2363
327.1669	4	A	9	844.4277	422.7178
398.2040	5	A	8	773.3906	387.1992
455.2254	6	G	7	702.3535	351.6807
552.2782	7	P	6	645.3320	323.1699
623.3153	8	A	5	548.2792	274.6435
710.3473	9	S	4	477.2421	239.1250
797.3794	10	S	3	390.2101	195.6090
925.4379	11	Q	2	303.1781	152.0930
	12	R	1	175.1195	88.0637

N-term:+43.02

AAAAAAMAEQEGAR, MH+ 1288.5956, m/z 644.8014
 H OS G29 P150811 220811-s1.03752.03752.2.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+

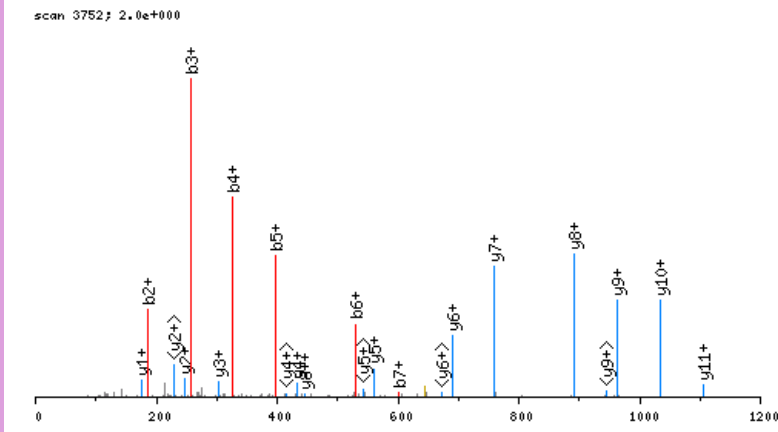
y + 2+ 3+

z + 2+ 3+

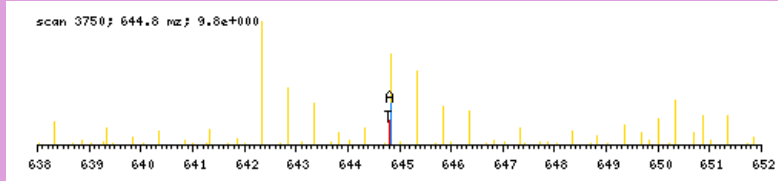
hide H₂O/NH₃

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⁺
114.0555	1	A 13		
185.0926	2	A 12	1175.5479	588.2779
256.1297	3	A 11	1104.5108	552.7593
327.1669	4	A 10	1033.4737	517.2407
398.2040	5	A 9	962.4366	481.7222
529.2445	6	M 8	891.3994	446.2036
600.2816	7	A 7	760.3590	380.6834
729.3242	8	E 6	689.3218	345.1648
857.3827	9	Q 5	560.2792	280.6435
986.4253	10	E 4	432.2207	216.6142
1043.4468	11	G 3	303.1781	152.0930
1114.4839	12	A 2	246.1566	123.5822
	13	R 1	175.1195	88.0637

N-term:+43.02

AAAAASGAGGVAVAGAGGAGPAGR, MH+ 1836.9317, m/z 612.9821
 H OS G29 P150811 220811-s1.03707.03707.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

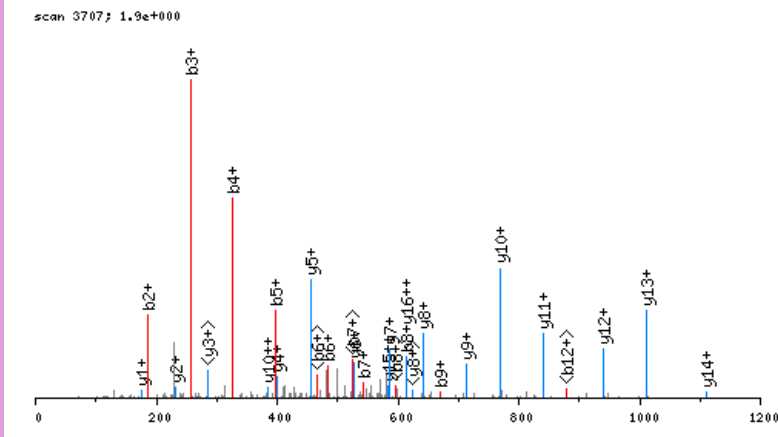
y + 2+ 3+

z + 2+ 3+

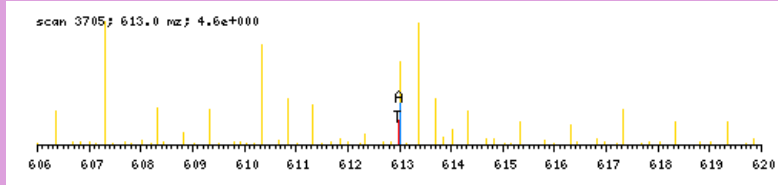
hide H₂O/NH₃

zoom 112-122

GO



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

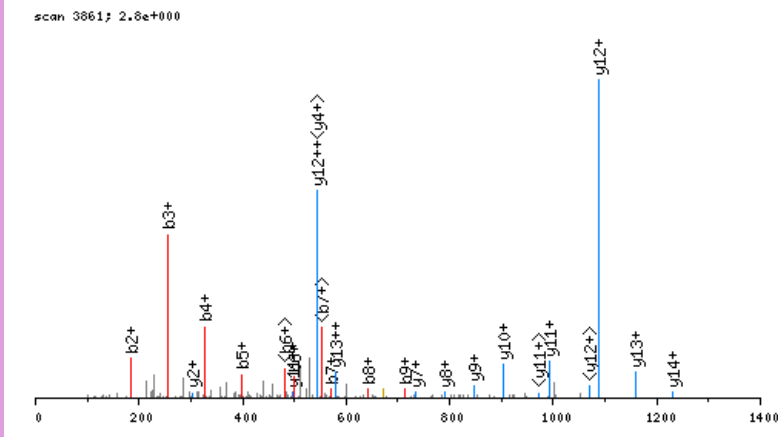


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

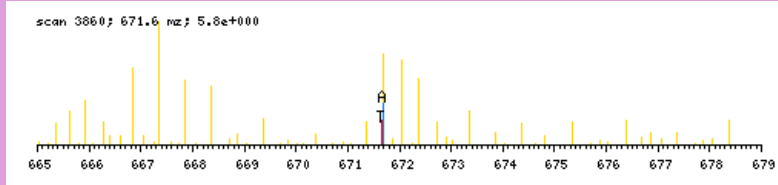
b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 24		
185.0926	2	A 23	1723.8840	862.4459
256.1297	3	A 22	1652.8469	826.9273
327.1669	4	A 21	1581.8097	791.4088
398.2040	5	A 20	1510.7726	755.8902
485.2360	6	S 19	1439.7355	720.3717
542.2575	7	G 18	1352.7035	676.8557
613.2946	8	A 17	1295.6820	648.3449
670.3160	9	G 16	1224.6449	612.8264
727.3375	10	G 15	1167.6234	584.3156
826.4059	11	V 14	1110.6020	555.8049
897.4430	12	A 13	1011.5336	506.2707
996.5114	13	V 12	940.4965	470.7521
1067.5486	14	A 11	841.4280	421.2179
1124.5700	15	G 10	770.3909	385.6994
1195.6071	16	A 9	713.3695	357.1886
1252.6286	17	G 8	642.3323	321.6701
1309.6501	18	G 7	585.3109	293.1594
1380.6872	19	A 6	528.2894	264.6486
1437.7086	20	G 5	457.2523	229.1301
1534.7614	21	P 4	400.2308	200.6193
1605.7985	22	A 3	303.1781	152.0930
1662.8200	23	G 2	232.1410	116.5744
	24	R 1	175.1195	88.0637

N-term:+43.02

AAAAATAAAAAAPSGGGGEEER, MH+ 2012.9274, m/z 671.6473
 H OS G29 P150811 220811-s1.03861.03861.3.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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 24		
185.0926	2	A 23	1899.8797	950.4437
256.1297	3	A 22	1828.8426	914.9252
327.1669	4	A 21	1757.8054	879.4066
398.2040	5	A 20	1686.7683	843.8881
499.2516	6	T 19	1615.7312	808.3695
570.2888	7	A 18	1514.6835	757.8457
641.3259	8	A 17	1443.6464	722.3271
712.3630	9	A 16	1372.6093	686.8086
783.4001	10	A 15	1301.5722	651.2900
854.4372	11	A 14	1230.5351	615.7715
925.4743	12	A 13	1159.4980	580.2529
1022.5271	13	P 12	1088.4609	544.7343
1109.5591	14	S 11	991.4081	496.2080
1166.5806	15	G 10	904.3761	452.6919
1223.6021	16	G 9	847.3546	424.1812
1280.6235	17	G 8	790.3331	395.6705
1337.6450	18	G 7	733.3117	367.1597
1394.6664	19	G 6	676.2902	338.6490
1451.6879	20	G 5	619.2687	310.1383
1580.7305	21	E 4	562.2473	281.6276
1709.7731	22	E 3	433.2047	217.1063
1838.8157	23	E 2	304.1621	152.5850
	24	R 1	175.1195	88.0637

N-term:+43.02

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

AAAAEGVPATR, MH+ 1055.5486, m/z 528.2779
 H OS G29 P150811 220811-s1.02697.02697.2.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+

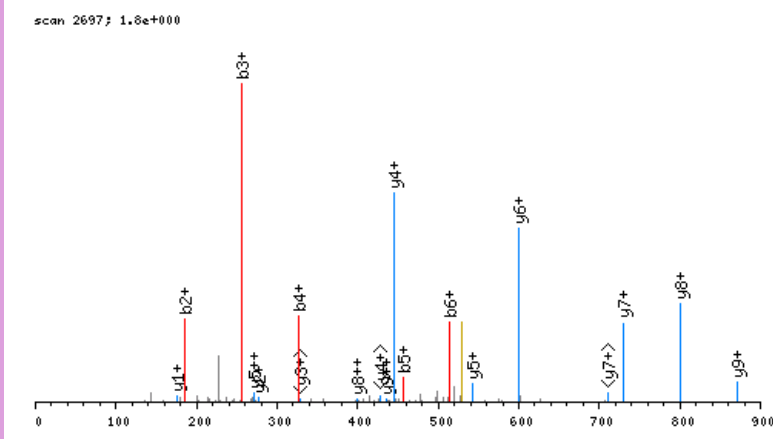
y + 2+ 3+

z + 2+ 3+

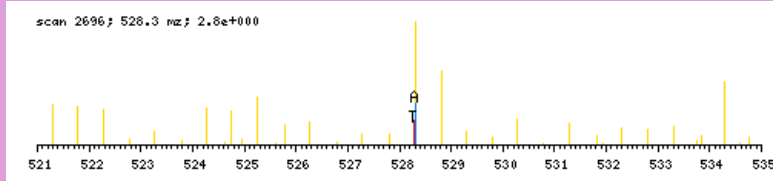
hide H₂O/NH₃

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⁺
114.0555	1	A	11	
185.0926	2	A	10	942.5009 471.7543
256.1297	3	A	9	871.4638 436.2358
327.1669	4	A	8	800.4266 400.7172
456.2094	5	E	7	729.3895 365.1987
513.2309	6	G	6	600.3469 300.6774
612.2993	7	V	5	543.3255 272.1666
709.3521	8	P	4	444.2571 222.6324
780.3892	9	A	3	347.2043 174.1061
881.4369	10	T	2	276.1672 138.5875
	11	R	1	175.1195 88.0637

N-term:+43.02

AAAAGAVVASAASGPAEGKKITELR, MH+ 2394.3357, m/z 599.3394
 H OS G26 P150811 220811-s1.05818.05818.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

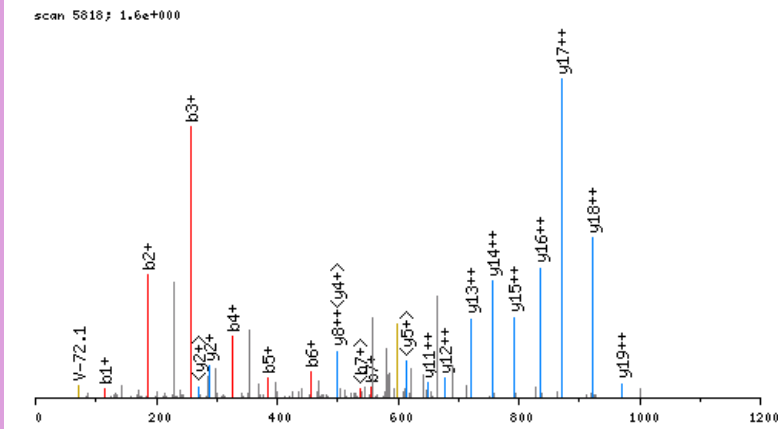
y + 2+ 3+

z + 2+ 3+

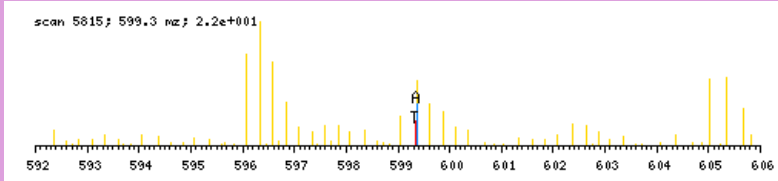
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	25		
185.0926	2	A	24	2281.2880	1141.1479
256.1297	3	A	23	2210.2509	1105.6294
327.1669	4	A	22	2139.2138	1070.1108
384.1883	5	G	21	2068.1767	1034.5923
455.2254	6	A	20	2011.1552	1006.0815
554.2938	7	V	19	1940.1181	970.5630
653.3623	8	V	18	1841.0497	921.0288
724.3994	9	A	17	1741.9813	871.4946
811.4314	10	S	16	1670.9442	835.9760
882.4685	11	A	15	1583.9122	792.4600
953.5056	12	A	14	1512.8750	756.9414
1040.5377	13	S	13	1441.8379	721.4229
1097.5591	14	G	12	1354.8059	677.9069
1194.6119	15	P	11	1297.7844	649.3961
1265.6490	16	A	10	1200.7317	600.8697
1394.6916	17	E	9	1129.6946	565.3512
1451.7131	18	G	8	1000.6520	500.8299
1607.8394	19	K	7	943.6305	472.3192
1763.9657	20	K	6	787.5042	394.2560
1877.0497	21	I	5	631.3779	316.1929
1978.0974	22	T	4	518.2938	259.6508
2107.1400	23	E	3	417.2462	209.1270
2220.2241	24	L	2	288.2036	144.6057
	25	R	1	175.1195	88.0637

N-term: +43.02 K(19) : +156.13
 K(20) : +156.13

AAAAVVEFOR, MH+ 1103.5849, m/z 552.2961
 H OS G29 P150811 220811-s1.04802.04802.2.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+

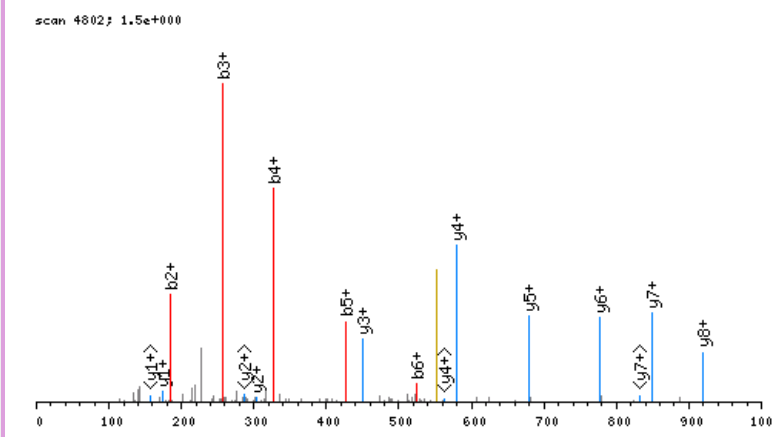
y + 2+ 3+

z + 2+ 3+

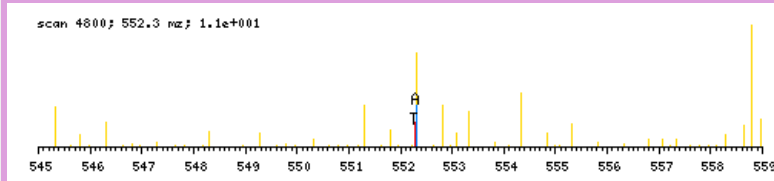
hide H₂O/NH₃

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⁺
114.0555	1	A	10		
185.0926	2	A	9	990.5373	495.7725
256.1297	3	A	8	919.5001	460.2540
327.1669	4	A	7	848.4630	424.7354
426.2353	5	V	6	777.4259	389.2169
525.3037	6	V	5	678.3575	339.6827
654.3463	7	E	4	579.2891	290.1485
801.4147	8	F	3	450.2465	225.6272
929.4733	9	Q	2	303.1781	152.0930
	10	R	1	175.1195	88.0637

N-term: +43.02

AAAEEGCGVGVEDDR, MH+ 1576.6549, m/z 788.8311
 H OS G29 P150811 220811-s1.02942.02942.2.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+

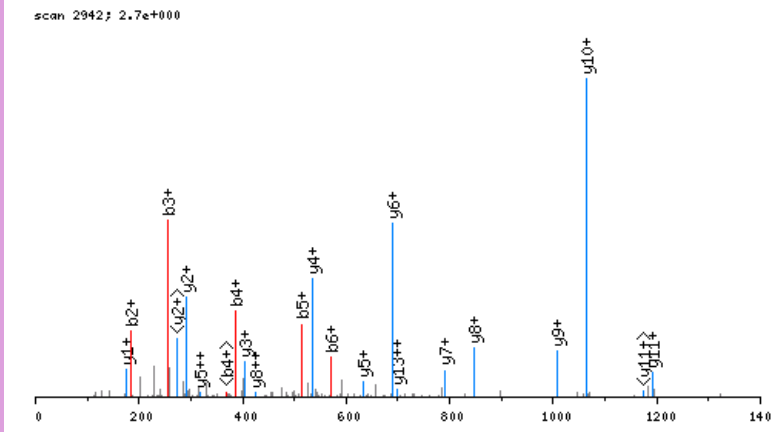
y + 2+ 3+

z + 2+ 3+

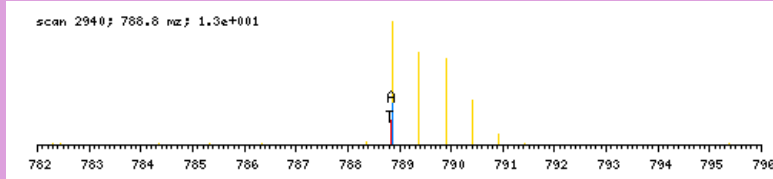
hide H₂O/NH₃

zoom 112-122

GO



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

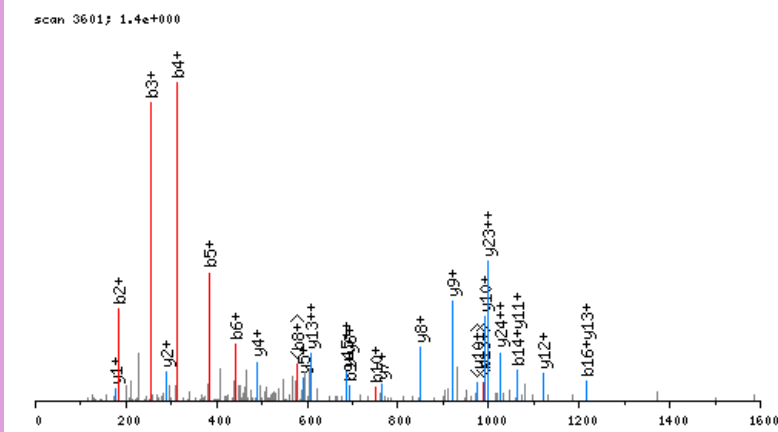


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

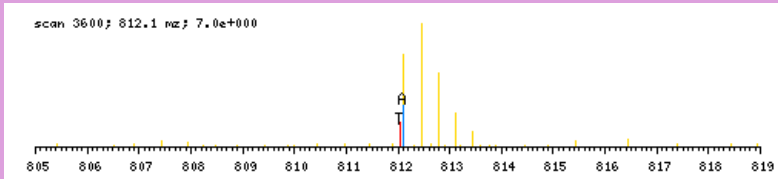
b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 15		
185.0926	2	A 14	1463.6072	732.3075
256.1297	3	A 13	1392.5701	696.7890
385.1723	4	E 12	1321.5330	661.2704
514.2149	5	E 11	1192.4904	596.7491
571.2364	6	G 10	1063.4478	532.2278
731.2670	7	C 9	1006.4263	503.7171
788.2885	8	G 8	846.3957	423.7018
887.3569	9	V 7	789.3743	395.1910
944.3783	10	G 6	690.3059	345.6568
1043.4467	11	V 5	633.2844	317.1461
1172.4893	12	E 4	534.2160	267.6119
1287.5163	13	D 3	405.1734	203.0906
1402.5432	14	D 2	290.1464	145.5771
	15	R 1	175.1195	88.0637

N-term:+43.02 C(7):+160.03

AAAGAGPGVGSAGPGGAAASATTAEDR, MH+ 2434.1599, m/z 812.0581
 H OS G29 P150811 220811-s1.03601.03601.3.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

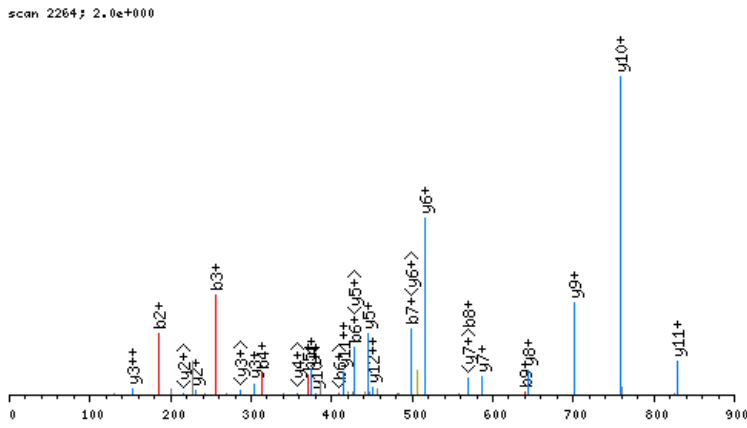
zoom 112-122

GO

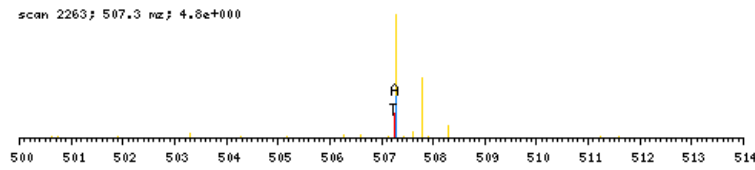
b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	29		
185.0926	2	A	28	2321.1122	1161.0600
256.1297	3	A	27	2250.0751	1125.5415
313.1512	4	G	26	2179.0380	1090.0229
384.1883	5	A	25	2122.0165	1061.5122
441.2098	6	G	24	2050.9794	1025.9936
538.2625	7	P	23	1993.9579	997.4829
595.2840	8	G	22	1896.9052	948.9565
692.3368	9	P	21	1839.8837	920.4458
749.3582	10	G	20	1742.8309	871.9194
848.4267	11	V	19	1685.8095	843.4086
935.4587	12	S	18	1586.7411	793.8744
1006.4958	13	A	17	1499.7090	750.3584
1063.5173	14	G	16	1428.6719	714.8399
1160.5700	15	P	15	1371.6504	686.3291
1217.5915	16	G	14	1274.5977	637.8028
1314.6442	17	P	13	1217.5762	609.2920
1371.6657	18	G	12	1120.5235	560.7656
1442.7028	19	A	11	1063.5020	532.2549
1513.7399	20	A	10	992.4649	496.7364
1584.7771	21	A	9	921.4278	461.2178
1671.8091	22	S	8	850.3907	425.6992
1742.8462	23	A	7	763.3586	382.1832
1843.8939	24	T	6	692.3215	346.6647
1944.9416	25	T	5	591.2738	296.1408
2015.9787	26	A	4	490.2262	245.6170
2145.0213	27	E	3	419.1890	210.0984
2260.0482	28	D	2	290.1464	145.5771
	29	R	1	175.1195	88.0637

N-term:+43.02

AAAGGGAAAAAGR, MH+ 1013.5128, m/z 507.2601
 H OS G29 P150811 220811-s1.02264.02264.2.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⁺
114.0555	1	A	13	
185.0926	2	A	12	900.4652 450.7365
256.1297	3	A	11	829.4280 415.2179
313.1512	4	G	10	758.3909 379.6994
370.1727	5	G	9	701.3695 351.1886
427.1941	6	G	8	644.3480 322.6779
498.2312	7	A	7	587.3265 294.1672
569.2684	8	A	6	516.2894 258.6486
640.3055	9	A	5	445.2523 223.1301
711.3426	10	A	4	374.2152 187.6115
782.3797	11	A	3	303.1781 152.0930
839.4012	12	G	2	232.1410 116.5744
	13	R	1	175.1195 88.0637

N-term:+43.02

AAAGSAAVSGAGTPVAGPTGR, MH+ 1767.8990, m/z 589.9712
 H OS G29 P150811 220811-s1.03421.03421.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

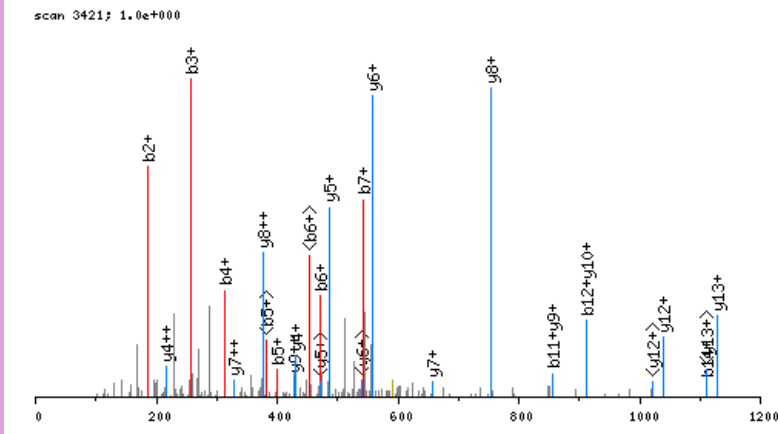
y + 2+ 3+

z + 2+ 3+

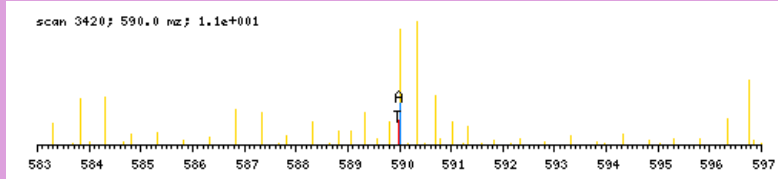
hide H₂O/NH₃

zoom 112-122

GO



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



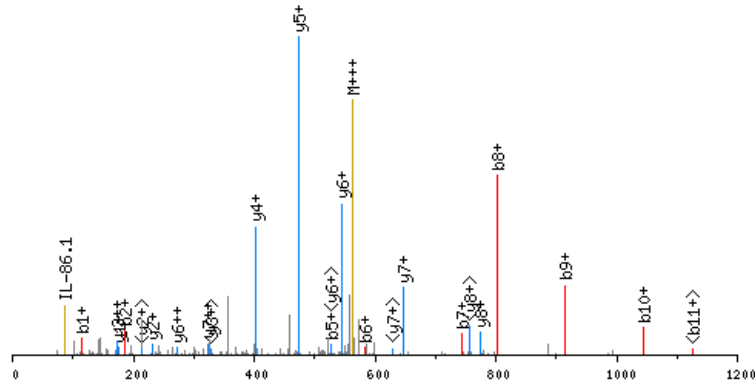
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	21		
185.0926	2	A	20	1654.8513	827.9295
256.1297	3	A	19	1583.8142	792.4110
313.1512	4	G	18	1512.7770	756.8924
400.1832	5	S	17	1455.7556	728.3817
471.2203	6	A	16	1368.7236	684.8657
542.2575	7	A	15	1297.6864	649.3471
641.3259	8	V	14	1226.6493	613.8286
728.3579	9	S	13	1127.5809	564.2944
785.3794	10	G	12	1040.5489	520.7784
856.4165	11	A	11	983.5274	492.2676
913.4379	12	G	10	912.4903	456.7491
1014.4856	13	T	9	855.4688	428.2383
1111.5384	14	P	8	754.4212	377.7145
1210.6068	15	V	7	657.3684	329.1881
1281.6439	16	A	6	558.3000	279.6539
1338.6654	17	G	5	487.2629	244.1353
1435.7181	18	P	4	430.2414	215.6246
1536.7658	19	T	3	333.1886	167.0982
1593.7873	20	G	2	232.1410	116.5744
	21	R	1	175.1195	88.0637

N-term:+43.02

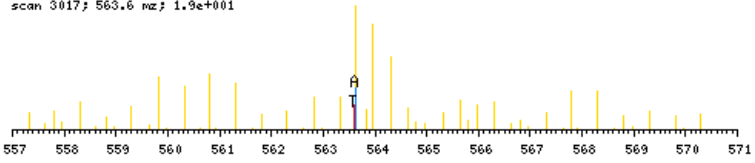
AAAKDGCGLTAAGNGR, MH+ 1688.8026, m/z 563.6057
 H OS G25 P150811 220811-s1.03021.03021.3.dta

scan 3021; 2.7e+000



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

scan 3017; 563.6 mz; 1.9e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 17		
185.0926	2	A 16	1575.7549	788.3814
256.1297	3	A 15	1504.7178	752.8628
412.2560	4	K 14	1433.6807	717.3443
527.2830	5	D 13	1277.5544	639.2811
584.3044	6	G 12	1162.5274	581.7676
744.3350	7	C 11	1105.5060	553.2569
801.3565	8	G 10	945.4754	473.2416
914.4406	9	L 9	888.4539	444.7309
1043.4832	10	E 8	775.3699	388.1888
1144.5308	11	T 7	646.3273	323.6675
1215.5680	12	A 6	545.2796	273.1437
1286.6051	13	A 5	474.2425	237.6251
1343.6265	14	G 4	403.2054	202.1066
1457.6695	15	N 3	346.1839	173.5959
1514.6909	16	G 2	232.1410	116.5744
	17	R 1	175.1195	88.0637

N-term:+43.02 K(4):+156.13
 C(7):+160.03

AAAMDVDTPSGTNSGAGKKR, MH+ 2044.0770, m/z 682.0305
 H OS G27 P150811 220811-s1.03070.03070.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

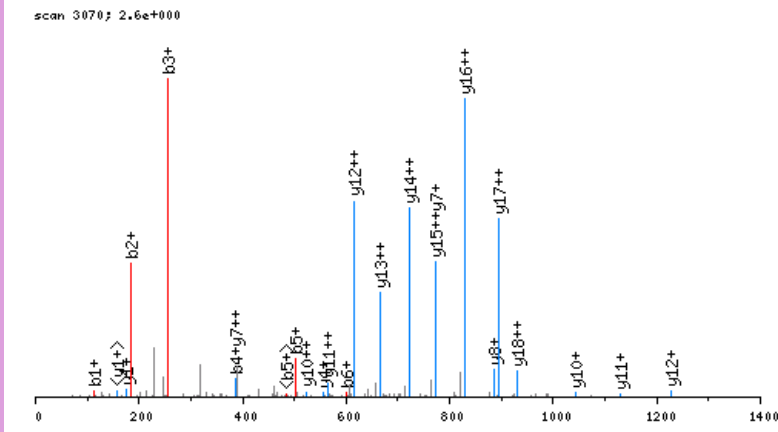
y + 2+ 3+

z + 2+ 3+

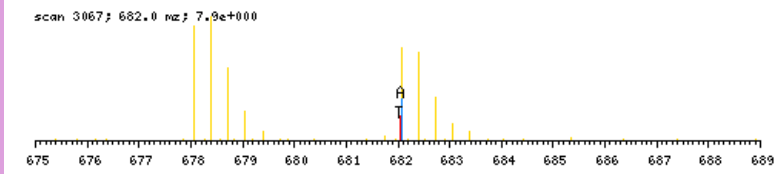
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 20		
185.0926	2	A 19	1931.0293	966.0186
256.1297	3	A 18	1859.9922	930.5000
387.1702	4	M 17	1788.9551	894.9815
502.1972	5	D 16	1657.9146	829.4612
601.2656	6	V 15	1542.8877	771.9477
716.2925	7	D 14	1443.8193	722.4135
817.3402	8	T 13	1328.7923	664.9001
914.3930	9	P 12	1227.7446	614.3762
1001.4250	10	S 11	1130.6919	565.8498
1058.4465	11	G 10	1043.6598	522.3338
1159.4941	12	T 9	986.6384	493.8231
1273.5371	13	N 8	885.5907	443.2993
1360.5691	14	S 7	771.5478	386.2778
1417.5906	15	G 6	684.5157	342.7618
1488.6277	16	A 5	627.4943	314.2511
1545.6491	17	G 4	556.4572	278.7325
1707.8072	18	K 3	499.4357	250.2218
1869.9653	19	K 2	337.2776	169.1427
	20	R 1	175.1195	88.0637

N-term:+43.02 K(18):+162.16
 K(19):+162.16

AAAQAVEEMR, MH+ 1117.5312, m/z 559.2692
 H OS G29 P150811 220811-s1.04103.04103.2.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+

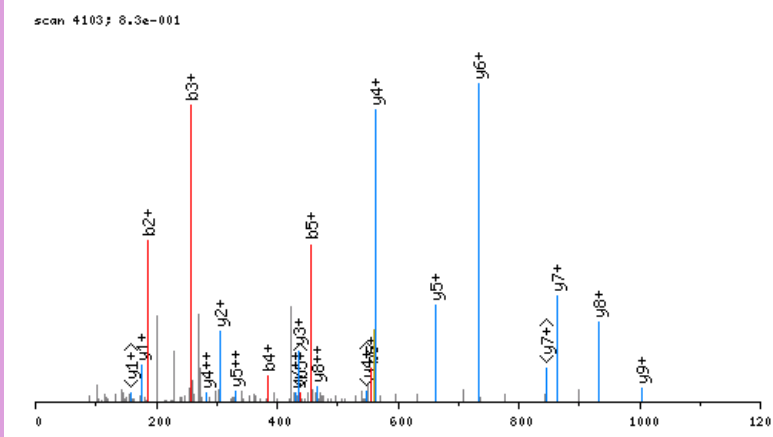
y + 2+ 3+

z + 2+ 3+

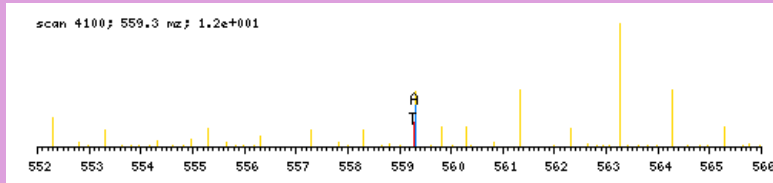
hide H₂O/NH₃

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⁺
114.0555	1	A	10		
185.0926	2	A	9	1004.4835	502.7457
256.1297	3	A	8	933.4464	467.2271
384.1883	4	Q	7	862.4093	431.7086
455.2254	5	A	6	734.3507	367.6793
554.2938	6	V	5	663.3136	332.1607
683.3364	7	E	4	564.2452	282.6265
812.3790	8	E	3	435.2026	218.1052
943.4195	9	M	2	306.1600	153.5839
	10	R	1	175.1195	88.0637

N-term:+43.02

AAASGYTDLR, MH+ 1066.5169, m/z 533.7621
 H OS G29 P150811 220811-s1.03393.03393.2.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+

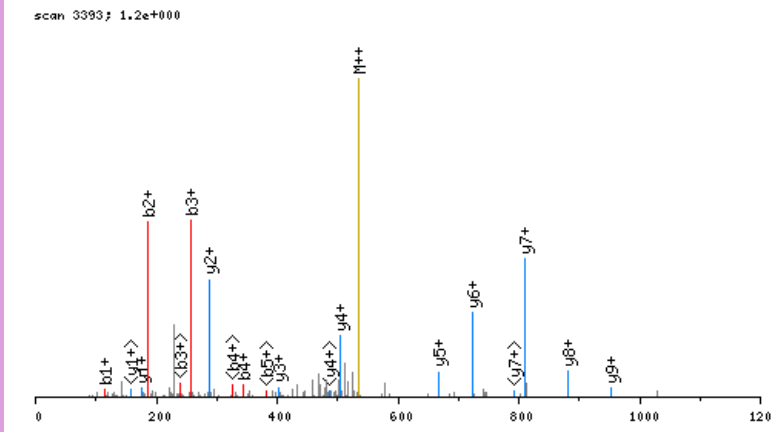
y + 2+ 3+

z + 2+ 3+

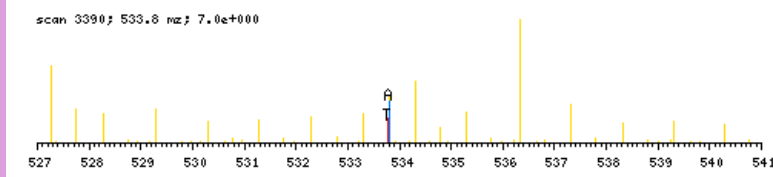
hide H₂O/NH₃

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⁺
114.0555	1	A	10		
185.0926	2	A	9	953.4692	477.2385
256.1297	3	A	8	882.4321	441.7200
343.1618	4	S	7	811.3950	406.2014
400.1832	5	G	6	724.3630	362.6854
563.2466	6	Y	5	667.3415	334.1747
664.2942	7	T	4	504.2782	252.6430
779.3212	8	D	3	403.2305	202.1192
892.4052	9	L	2	288.2036	144.6057
	10	R	1	175.1195	88.0637

N-term: +43.02

AAATLSFGPER, MH+ 1161.5904, m/z 581.2988
 H OS G29 P150811 220811-s1.04722.04722.2.dta

scan 4722; 1.6e+000

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

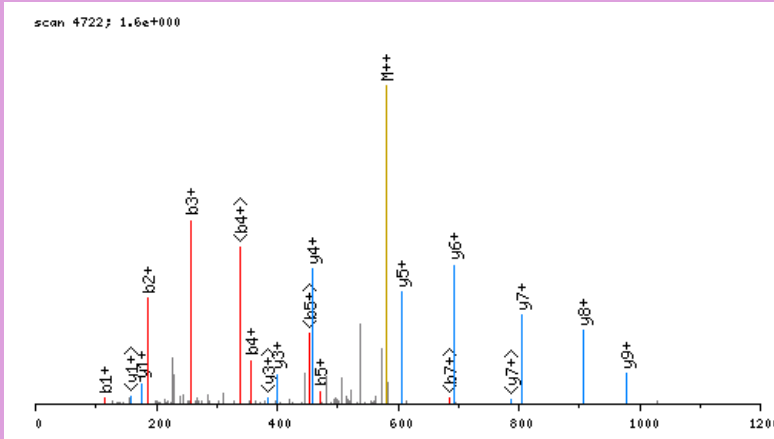
y + 2+ 3+

z + 2+ 3+

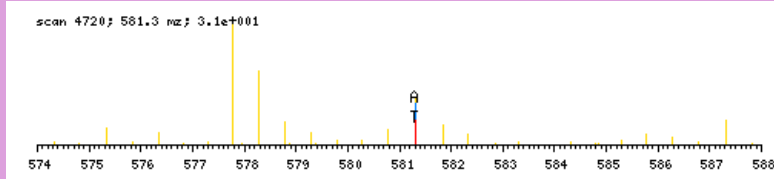
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	11		
185.0926	2	A	10	1048.5427	524.7753
256.1297	3	A	9	977.5056	489.2567
357.1774	4	T	8	906.4685	453.7382
470.2615	5	L	7	805.4208	403.2143
557.2935	6	S	6	692.3368	346.6723
704.3619	7	F	5	605.3047	303.1563
761.3834	8	G	4	458.2363	229.6221
858.4362	9	P	3	401.2149	201.1113
987.4787	10	E	2	304.1621	152.5850
	11	R	1	175.1195	88.0637

N-term:+43.02

AAATPTEPPEGSGLMDAR, MH+ 2041.9501, m/z 681.3215
 H OS G29 P150811 220811-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+

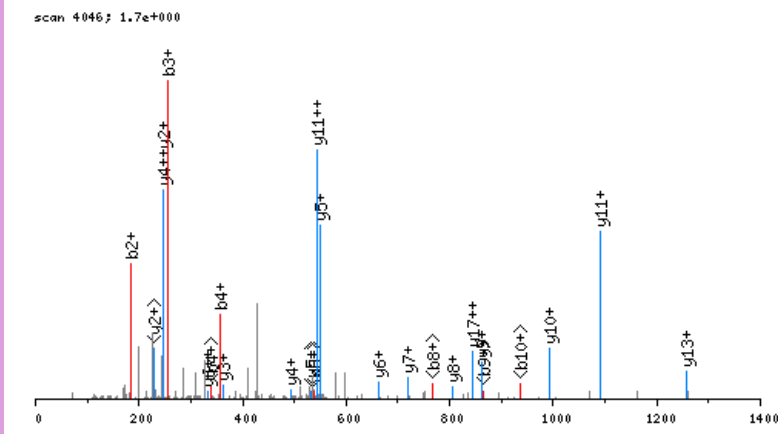
y + 2+ 3+

z + 2+ 3+

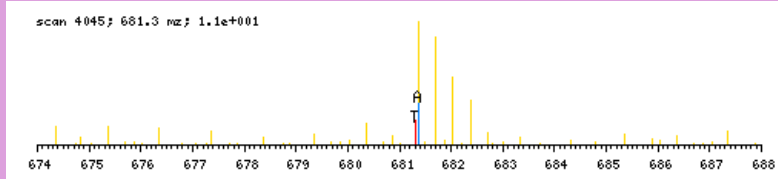
hide H₂O/NH₃

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⁺
114.0555	1	A 21		
185.0926	2	A 20	1928.9024	964.9551
256.1297	3	A 19	1857.8653	929.4365
357.1774	4	T 18	1786.8282	893.9180
454.2302	5	P 17	1685.7805	843.3941
555.2779	6	T 16	1588.7277	794.8678
684.3205	7	E 15	1487.6800	744.3439
785.3681	8	T 14	1358.6374	679.8226
882.4209	9	P 13	1257.5898	629.2988
953.4580	10	A 12	1160.5370	580.7724
1050.5108	11	P 11	1089.4999	545.2539
1179.5534	12	E 10	992.4471	496.7275
1236.5748	13	G 9	863.4045	432.2062
1323.6069	14	S 8	806.3831	403.6954
1380.6283	15	G 7	719.3510	360.1794
1493.7124	16	L 6	662.3296	331.6687
1550.7339	17	G 5	549.2455	275.1267
1681.7743	18	M 4	492.2240	246.6159
1796.8013	19	D 3	361.1836	181.0957
1867.8384	20	A 2	246.1566	123.5822
	21	R 1	175.1195	88.0637

N-term:+43.02

AAAVAVAAASR, MH+ 999.5587, m/z 500.2830
 H OS G29 P150811 220811-s1.04116.04116.2.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+

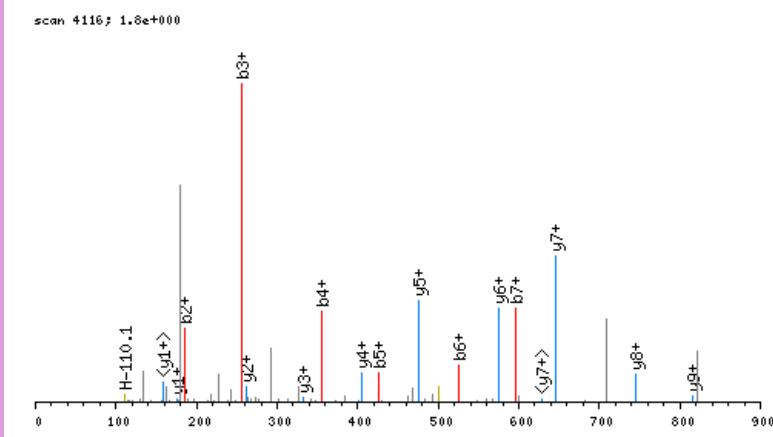
y + 2+ 3+

z + 2+ 3+

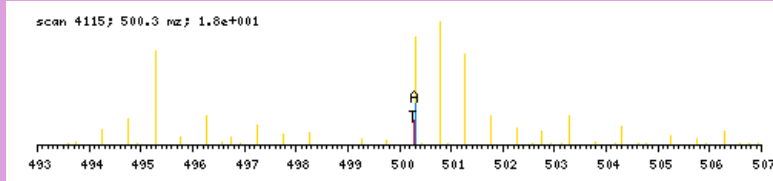
hide H₂O/NH₃

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⁺
114.0555	1	A	11		
185.0926	2	A	10	886.5110	443.7594
256.1297	3	A	9	815.4739	408.2409
355.1982	4	V	8	744.4368	372.7223
426.2353	5	A	7	645.3684	323.1881
525.3037	6	V	6	574.3313	287.6696
596.3408	7	A	5	475.2629	238.1353
667.3779	8	A	4	404.2258	202.6168
738.4150	9	A	3	333.1886	167.0982
825.4471	10	S	2	262.1515	131.5797
	11	R	1	175.1195	88.0637

N-term:+43.02

AAAVVDPQOSVVMR, MH+ 1512.7844, m/z 504.9330
 H OS G29 P150811 220811-s1.04633.04633.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

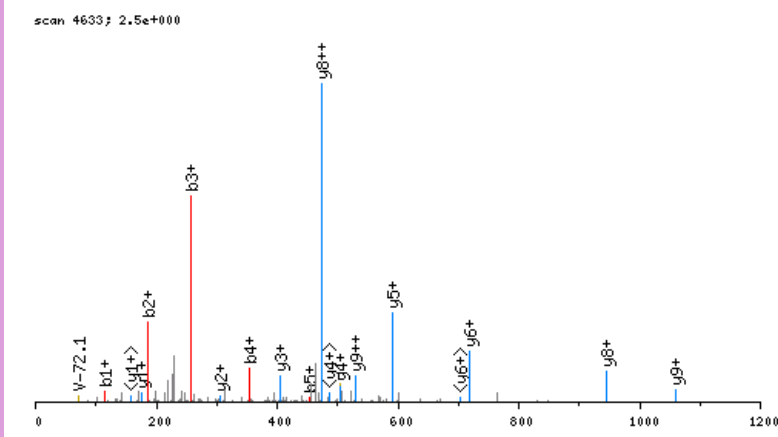
y + 2+ 3+

z + 2+ 3+

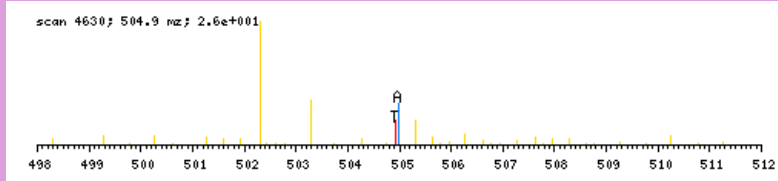
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 14		
185.0926	2	A 13	1399.7368	700.3723
256.1297	3	A 12	1328.6996	664.8537
355.1982	4	V 11	1257.6625	629.3352
454.2666	5	V 10	1158.5941	579.8010
569.2935	6	D 9	1059.5257	530.2668
666.3463	7	P 8	944.4988	472.7533
794.4049	8	Q 7	847.4460	424.2269
922.4634	9	Q 6	719.3874	360.1976
1009.4955	10	S 5	591.3288	296.1683
1108.5639	11	V 4	504.2968	252.6523
1207.6323	12	V 3	405.2284	203.1181
1338.6728	13	M 2	306.1600	153.5839
	14	R 1	175.1195	88.0637

N-term:+43.02

AADIEQVFR, MH+ 1090.5533, m/z 545.7803
 H OS G29 P150811 220811-s1.06032.06032.2.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+

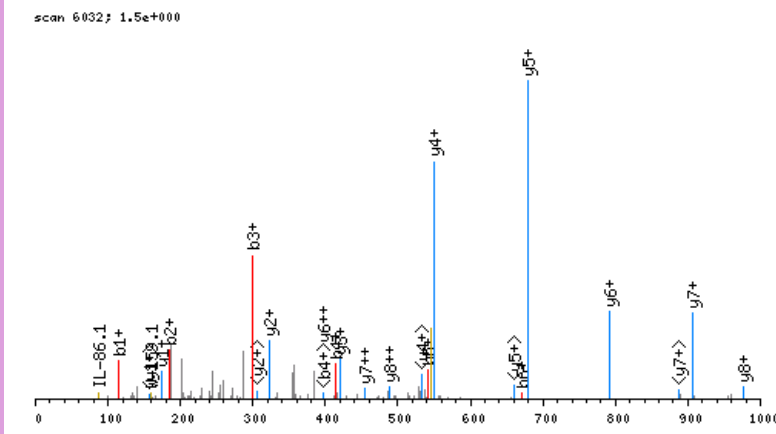
y + 2+ 3+

z + 2+ 3+

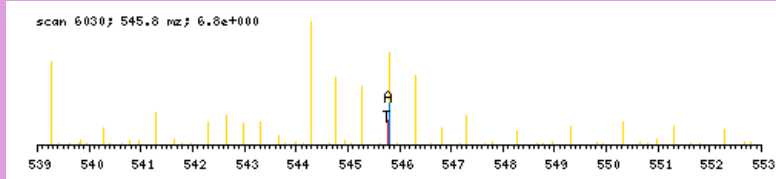
hide H₂O/NH₃

zoom 112-122

GO



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



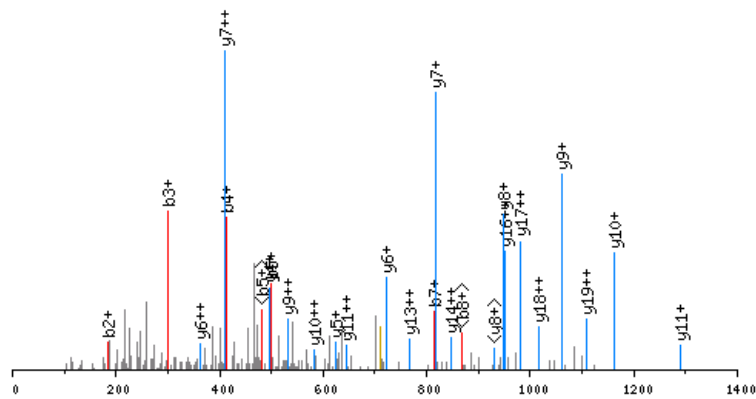
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A	9	
185.0926	2	A	8	977.5056 489.2567
300.1196	3	D	7	906.4685 453.7382
413.2036	4	I	6	791.4416 396.2247
542.2462	5	E	5	678.3575 339.6827
670.3048	6	Q	4	549.3149 275.1614
769.3732	7	V	3	421.2563 211.1321
916.4416	8	F	2	322.1879 161.5979
	9	R	1	175.1195 88.0637

N-term:+43.02

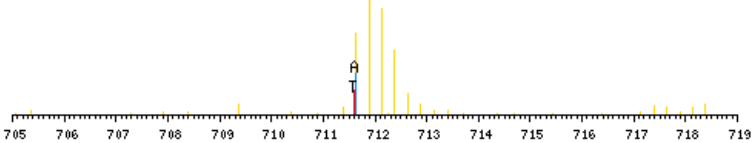
AADISQWAGPLCLQEVDEPPQHALR, MH+ 2843.3786, m/z 711.6001
 H OS G24 P150811 220811-s1.04927.04927.4.dta

scan 4927; 8.8e-001



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

scan 4925; 711.6 nz; 7.5e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	25		
185.0926	2	A	24	2730.3309	1365.6694
300.1196	3	D	23	2659.2938	1330.1508
413.2036	4	I	22	2544.2669	1272.6373
500.2357	5	S	21	2431.1828	1216.0953
628.2942	6	Q	20	2344.1508	1172.5793
814.3736	7	W	19	2216.0922	1108.5500
885.4107	8	A	18	2030.0129	1015.5104
942.4321	9	G	17	1958.9758	979.9918
1039.4849	10	P	16	1901.9543	951.4811
1152.5690	11	L	15	1804.9015	902.9547
1312.5996	12	C	14	1691.8175	846.4127
1425.6836	13	L	13	1531.7869	766.3974
1553.7422	14	Q	12	1418.7028	709.8553
1682.7848	15	E	11	1290.6442	645.8260
1781.8532	16	V	10	1161.6016	581.3047
1896.8802	17	D	9	1062.5332	531.7705
2025.9227	18	E	8	947.5063	474.2571
2122.9755	19	P	7	818.4637	409.7358
2220.0283	20	P	6	721.4109	361.2094
2348.0868	21	Q	5	624.3582	312.6830
2485.1458	22	H	4	496.2996	248.6537
2556.1829	23	A	3	359.2407	180.1243
2669.2669	24	L	2	288.2036	144.6057
	25	R	1	175.1195	88.0637

N-term:+43.02 C(12):+160.03

AEEEEATLTVR, MH+ 1102.5744, m/z 551.7909
 H OS G29 P150811 220811-s1.03638.03638.2.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+

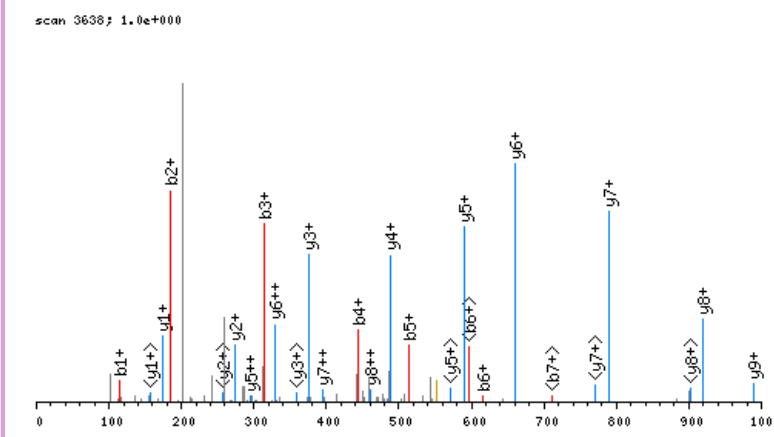
y + 2+ 3+

z + 2+ 3+

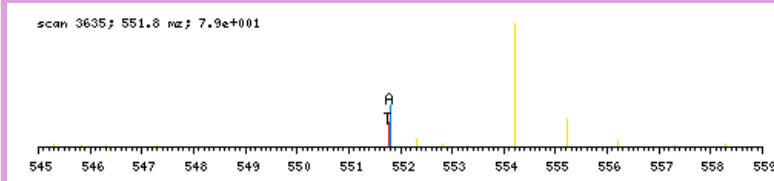
hide H₂O/NH₃

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⁺
114.0555	1	A	10		
185.0926	2	A	9	989.5267	495.2673
314.1352	3	E	8	918.4896	459.7487
443.1778	4	E	7	789.4470	395.2274
514.2149	5	A	6	660.4044	330.7061
615.2626	6	T	5	589.3673	295.1876
728.3467	7	L	4	488.3197	244.6637
829.3943	8	T	3	375.2356	188.1217
928.4628	9	V	2	274.1879	137.5979
	10	R	1	175.1195	88.0637

N-term: +43.02

AAEIQQPLTR, MH+ 1265.6854, m/z 633.3463
 H OS G29 P150811 220811-s1.03817.03817.2.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+

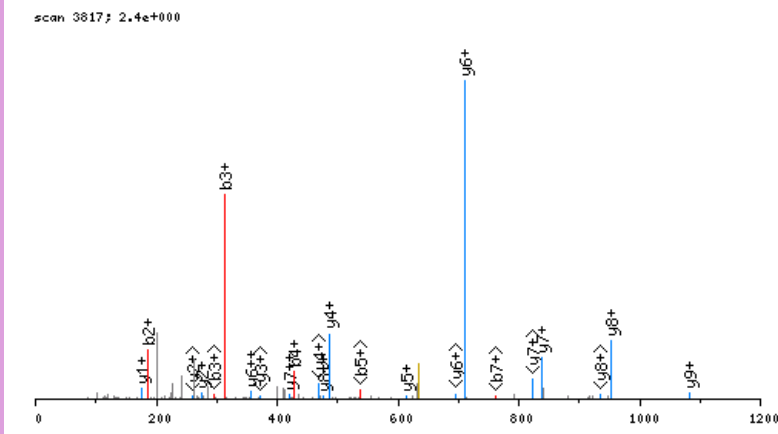
y + 2+ 3+

z + 2+ 3+

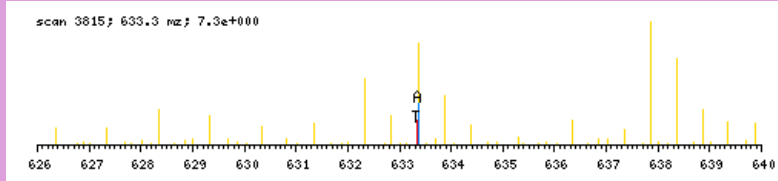
hide H₂O/NH₃

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⁺
114.0555	1	A 11		
185.0926	2	A 10	1152.6377	576.8228
314.1352	3	E 9	1081.6006	541.3042
427.2193	4	I 8	952.5580	476.7829
555.2779	5	Q 7	839.4739	420.2409
652.3306	6	P 6	711.4153	356.2116
780.3892	7	Q 5	614.3626	307.6852
877.4420	8	P 4	486.3040	243.6559
990.5260	9	L 3	389.2512	195.1295
1091.5737	10	T 2	276.1672	138.5875
	11	R 1	175.1195	88.0637

N-term:+43.02

AAETVELHKLKLAELKQECLAR, MH+ 2676.5123, m/z 669.8835
 H OS G28 P150811 220811-s1.07071.07071.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

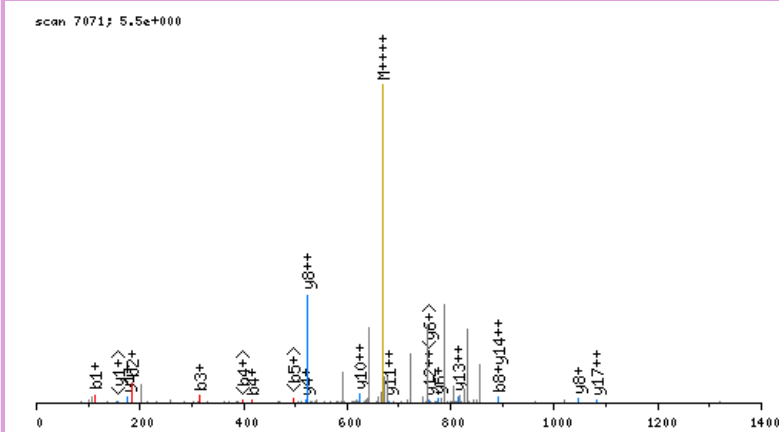
y + 2+ 3+

z + 2+ 3+

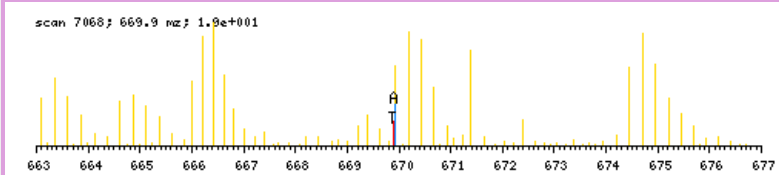
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	22		
185.0926	2	A	21	2563.4646	1282.2362
314.1352	3	E	20	2492.4275	1246.7177
415.1829	4	T	19	2363.3849	1182.1964
514.2513	5	V	18	2262.3372	1131.6725
643.2939	6	E	17	2163.2688	1082.1383
756.3780	7	L	16	2034.2262	1017.6170
893.4369	8	H	15	1921.1422	961.0750
1049.5632	9	K	14	1784.0832	892.5455
1162.6472	10	L	13	1627.9569	814.4824
1318.7735	11	K	12	1514.8729	757.9404
1431.8576	12	L	11	1358.7466	679.8772
1502.8947	13	A	10	1245.6625	623.3352
1631.9373	14	E	9	1174.6254	587.8166
1745.0214	15	L	8	1045.5828	523.2953
1901.1477	16	K	7	932.4987	466.7533
2029.2063	17	Q	6	776.3724	388.6901
2158.2489	18	E	5	648.3139	324.6608
2318.2795	19	C	4	519.2713	260.1396
2431.3635	20	L	3	359.2407	180.1243
2502.4006	21	A	2	246.1566	123.5822
	22	R	1	175.1195	88.0637

N-term:+43.02 K(9):+156.13
 K(11):+156.13 K(16):+156.13
 C(19):+160.03

AAGCEGIAPPTLGER, MH+ 1540.7429, m/z 514.2525
 H OS G29 P150811 220811-s1.04377.04377.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

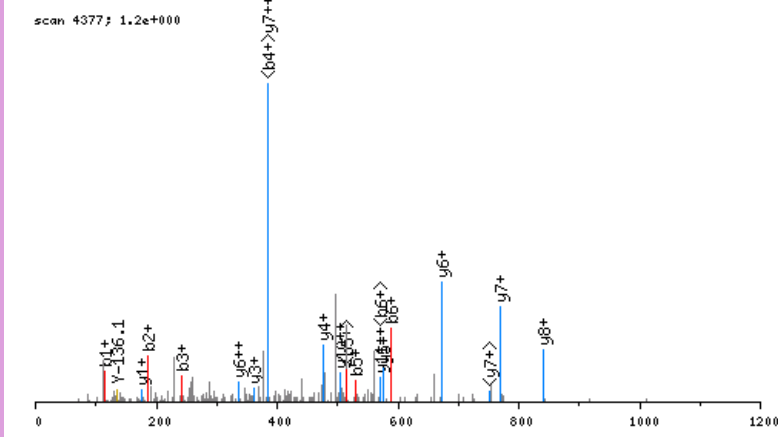
y + 2+ 3+

z + 2+ 3+

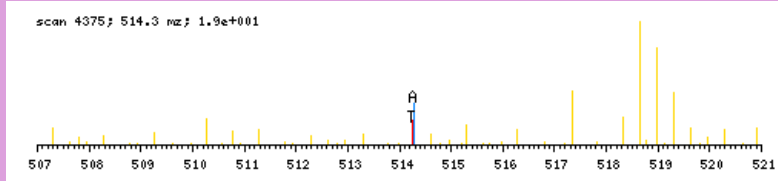
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 15		
185.0926	2	A 14	1427.6952	714.3515
242.1141	3	G 13	1356.6581	678.8330
402.1447	4	C 12	1299.6367	650.3222
531.1873	5	E 11	1139.6061	570.3069
588.2087	6	G 10	1010.5635	505.7856
701.2928	7	I 9	953.5420	477.2749
772.3299	8	A 8	840.4579	420.7329
869.3827	9	P 7	769.4208	385.2143
966.4355	10	P 6	672.3681	336.6879
1067.4831	11	T 5	575.3153	288.1616
1180.5672	12	L 4	474.2676	237.6377
1237.5887	13	G 3	361.1836	181.0957
1366.6313	14	E 2	304.1621	152.5850
	15	R 1	175.1195	88.0637

N-term:+43.02 C(4):+160.03

AAGGAVVAPECR, MH+ 1270.6214, m/z 635.8143
 H OS G29 P150811 220811-s1.03041.03041.2.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+

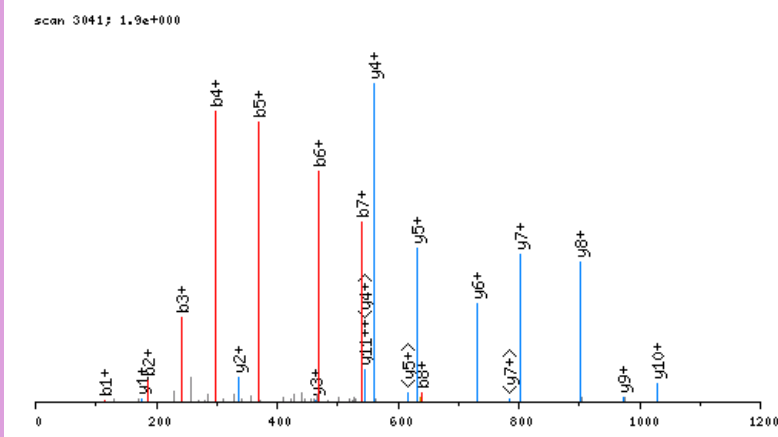
y + 2+ 3+

z + 2+ 3+

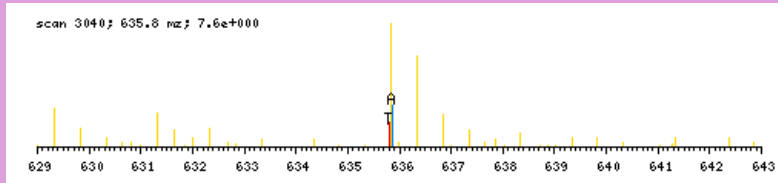
hide H₂O/NH₃

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⁺
114.0555	1	A 13		
185.0926	2	A 12	1157.5737	579.2907
242.1141	3	G 11	1086.5366	543.7722
299.1356	4	G 10	1029.5151	515.2615
370.1727	5	A 9	972.4936	486.7507
469.2411	6	V 8	901.4565	451.2322
540.2782	7	A 7	802.3881	401.6980
639.3466	8	V 6	731.3510	366.1794
710.3837	9	A 5	632.2826	316.6452
807.4365	10	P 4	561.2455	281.1266
936.4791	11	E 3	464.1927	232.6003
1096.5097	12	C 2	335.1501	168.0790
	13	R 1	175.1195	88.0637

N-term:+43.02 C(12):+160.03

AAGTLTYYPENWR, MH+ 1583.7494, m/z 792.3784
 H OS G28 P150811 220811-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+

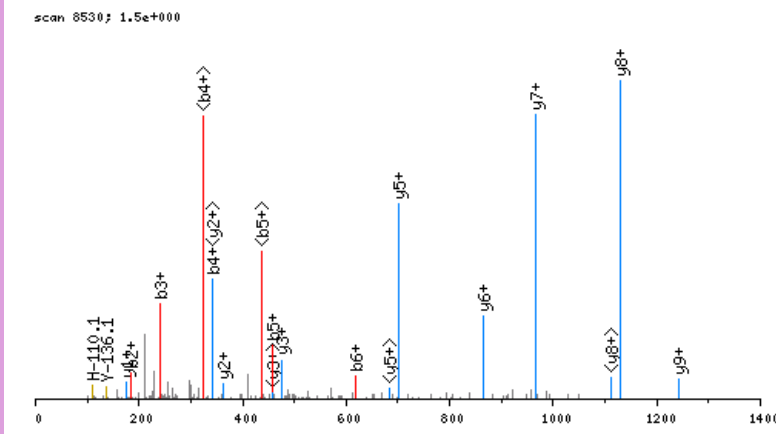
y + 2+ 3+

z + 2+ 3+

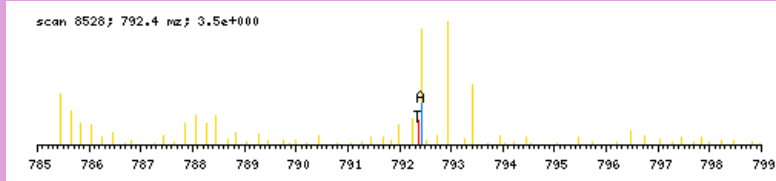
hide H₂O/NH₃

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⁺
114.0555	1	A 13		
185.0926	2	A 12	1470.7018	735.8548
242.1141	3	G 11	1399.6646	700.3362
343.1618	4	T 10	1342.6432	671.8255
456.2458	5	L 9	1241.5955	621.3017
619.3092	6	Y 8	1128.5114	564.7596
720.3568	7	T 7	965.4481	483.2280
883.4202	8	Y 6	864.4004	432.7041
980.4729	9	P 5	701.3371	351.1725
1109.5155	10	E 4	604.2843	302.6461
1223.5585	11	N 3	475.2417	238.1248
1409.6378	12	W 2	361.1988	181.1033
	13	R 1	175.1195	88.0637

N-term:+43.02

AAGTSNYWEDLR, MH+ 1424.6446, m/z 712.8260
 H OS G29 P150811 220811-s1.05289.05289.2.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+

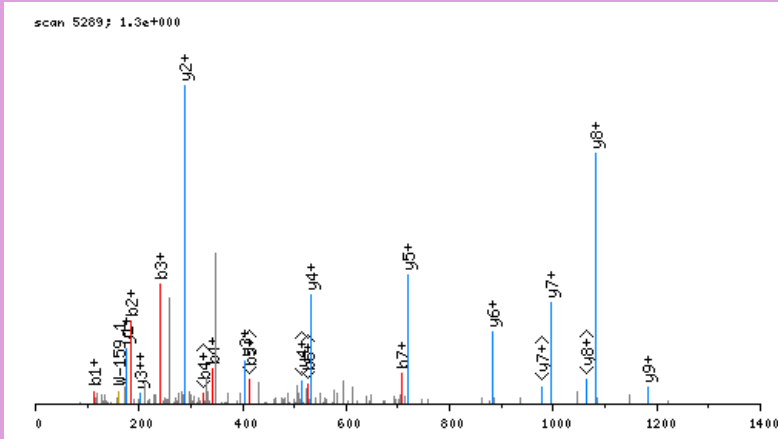
y + 2+ 3+

z + 2+ 3+

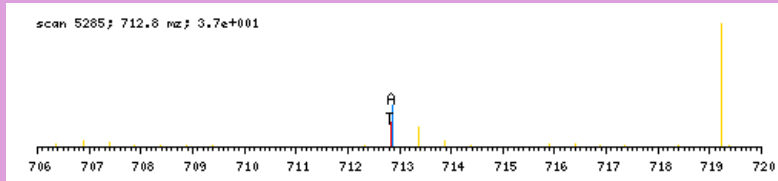
hide H₂O/NH₃

zoom 112-122

GO



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



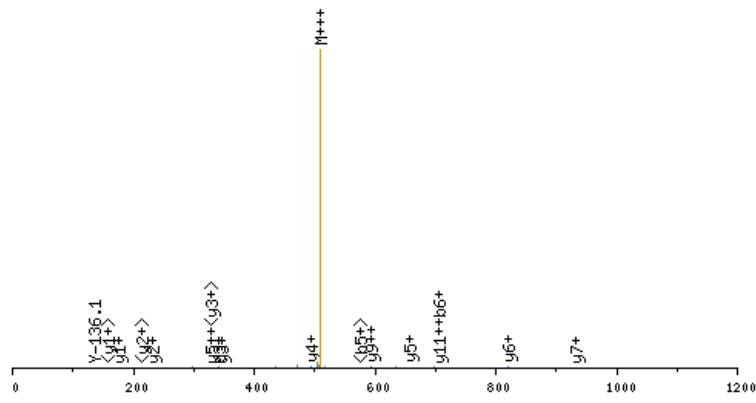
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 12		
185.0926	2	A 11	1311.5970	656.3024
242.1141	3	G 10	1240.5598	620.7838
343.1618	4	T 9	1183.5384	592.2731
430.1938	5	S 8	1082.4907	541.7493
544.2367	6	N 7	995.4587	498.2332
707.3001	7	Y 6	881.4157	441.2118
893.3794	8	W 5	718.3524	359.6801
1022.4220	9	E 4	532.2731	266.6405
1137.4489	10	D 3	403.2305	202.1192
1250.5330	11	L 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+43.02

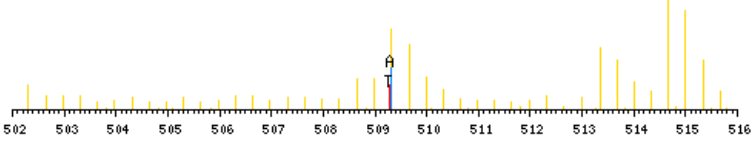
AAKPKLYYFNGR, MH+ 1525.8532, m/z 509.2892
 H OS G27 P150811 220811-s1.04733.04733.3.dta

scan 4733; 5.8e+001



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

scan 4732; 509.3 mz; 2.2e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

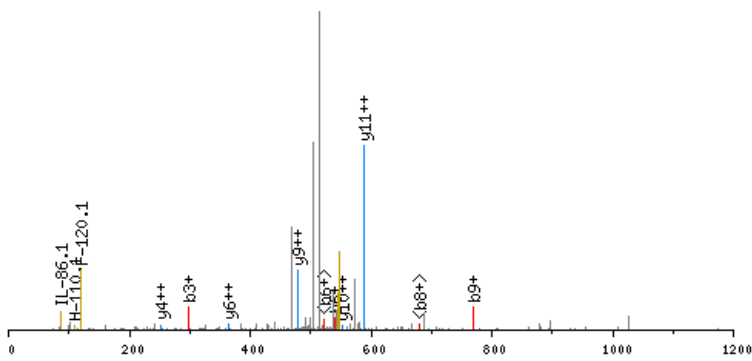
GO

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A	12	
185.0926	2	A	11	1412.8055
341.2189	3	K	10	1341.7684
438.2717	4	P	9	1185.6421
594.3980	5	K	8	1088.5893
707.4821	6	L	7	932.4630
870.5454	7	Y	6	819.3790
1033.6087	8	Y	5	656.3156
1180.6771	9	F	4	493.2523
1294.7201	10	N	3	346.1839
1351.7415	11	G	2	232.1410
	12	R	1	175.1195

N-term:+43.02 K(3):+156.13
 K(5):+156.13

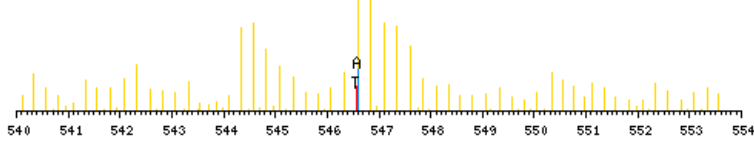
AALALGSAALGAAFATGLLLGKR, MH+ 2183.2916, m/z 546.5784
 H OS G28 P150811 220811-s1.04291.04291.4.dta

scan 4291; 4.8e+000



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

scan 4288; 546.6 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⁺
114.0555	1	A 23		
185.0926	2	A 22	2070.2440	1035.6259
298.1767	3	L 21	1999.2068	1000.1073
369.2138	4	A 20	1886.1228	943.5653
482.2979	5	L 19	1815.0857	908.0467
539.3193	6	G 18	1702.0016	851.5047
626.3514	7	S 17	1644.9801	822.9940
697.3885	8	A 16	1557.9481	779.4780
768.4256	9	A 15	1486.9110	743.9594
881.5097	10	L 14	1415.8739	708.4409
938.5311	11	G 13	1302.7898	651.8988
1009.5682	12	A 12	1245.7684	623.3881
1080.6053	13	A 11	1174.7312	587.8695
1227.6738	14	F 10	1103.6941	552.3510
1298.7109	15	A 9	956.6257	478.8168
1399.7586	16	T 8	885.5886	443.2982
1456.7800	17	G 7	784.5409	392.7744
1569.8641	18	L 6	727.5195	364.2636
1682.9481	19	L 5	614.4354	307.7216
1796.0322	20	L 4	501.3513	251.1796
1853.0537	21	G 3	388.2673	194.6375
2009.1800	22	K 2	331.2458	166.1268
	23	R 1	175.1195	88.0637

N-term:+43.02 K(22):+156.13

AALGSSSQNVTEYVVR, MH+ 1722.8663, m/z 574.9603
 H OS G29 P150811 220811-s1.05167.05167.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

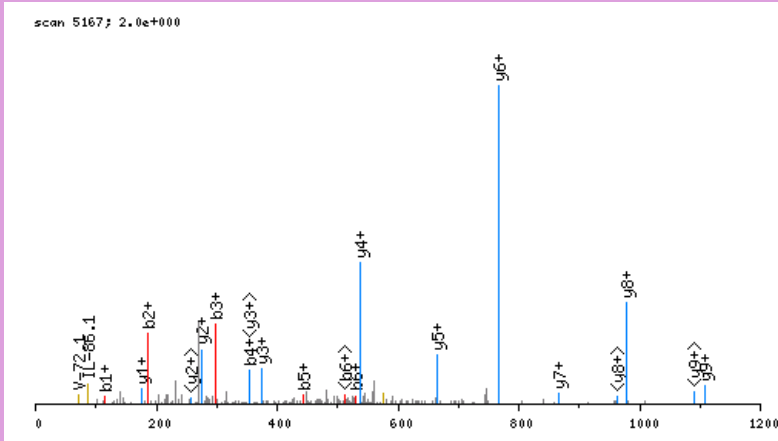
y + 2+ 3+

z + 2+ 3+

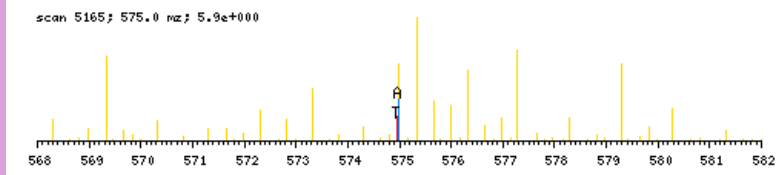
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 16		
185.0926	2	A 15	1609.8186	805.4132
298.1767	3	L 14	1538.7815	769.8946
355.1982	4	G 13	1425.6974	713.3526
442.2302	5	S 12	1368.6759	684.8419
529.2622	6	S 11	1281.6439	641.3259
616.2942	7	S 10	1194.6119	597.8099
744.3528	8	Q 9	1107.5798	554.2938
858.3957	9	N 8	979.5213	490.2645
957.4642	10	V 7	865.4783	433.2431
1058.5118	11	T 6	766.4099	383.7089
1187.5544	12	E 5	665.3623	333.1850
1350.6178	13	Y 4	536.3197	268.6637
1449.6862	14	V 3	373.2563	187.1321
1548.7546	15	V 2	274.1879	137.5979
	16	R 1	175.1195	88.0637

N-term:+43.02

AALVVSETAEPGSR, MH+ 1428.7335, m/z 714.8704
 H OS G29 P150811 220811-s1.04692.04692.2.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+

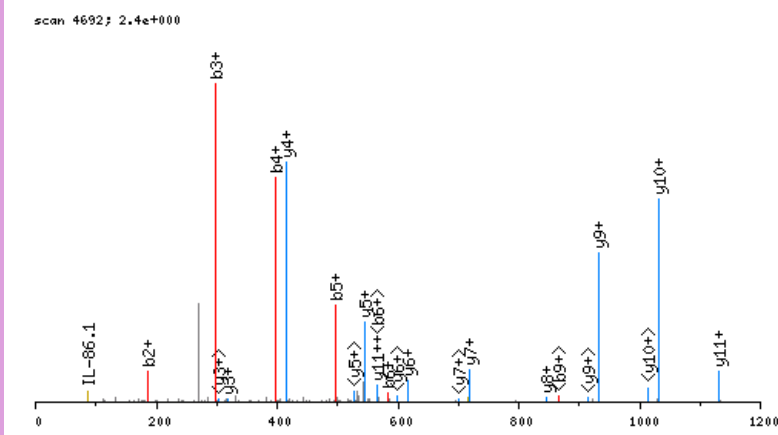
y + 2+ 3+

z + 2+ 3+

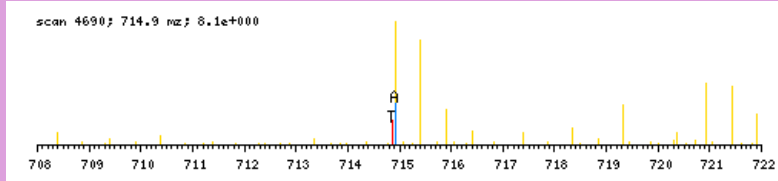
hide H₂O/NH₃

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⁺
114.0555	1	A 14		
185.0926	2	A 13	1315.6858	658.3468
298.1767	3	L 12	1244.6487	622.8282
397.2451	4	V 11	1131.5646	566.2862
496.3135	5	V 10	1032.4962	516.7520
583.3455	6	S 9	933.4278	467.2178
712.3881	7	E 8	846.3957	423.7018
813.4358	8	T 7	717.3531	359.1805
884.4729	9	A 6	616.3055	308.6566
1013.5155	10	E 5	545.2683	273.1381
1110.5683	11	P 4	416.2258	208.6168
1167.5898	12	G 3	319.1730	160.0904
1254.6218	13	S 2	262.1515	131.5797
	14	R 1	175.1195	88.0637

N-term:+43.02

AALYGGVEGGTR, MH+ 1249.6177, m/z 625.3125
 H OS G29 P150811 220811-s1.03934.03934.2.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+

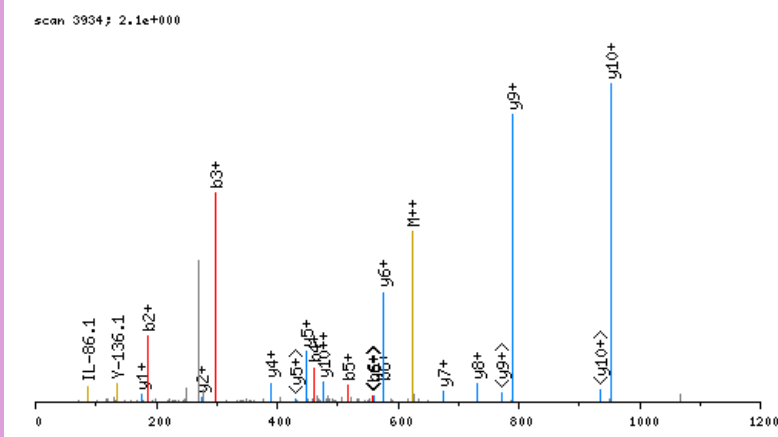
y + 2+ 3+

z + 2+ 3+

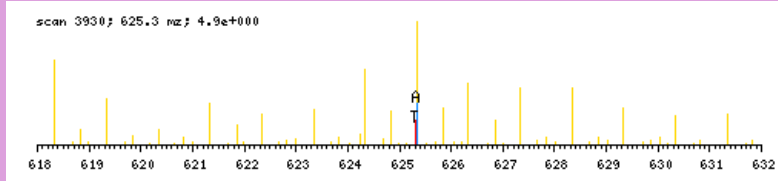
hide H₂O/NH₃

zoom 112-122

GO



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



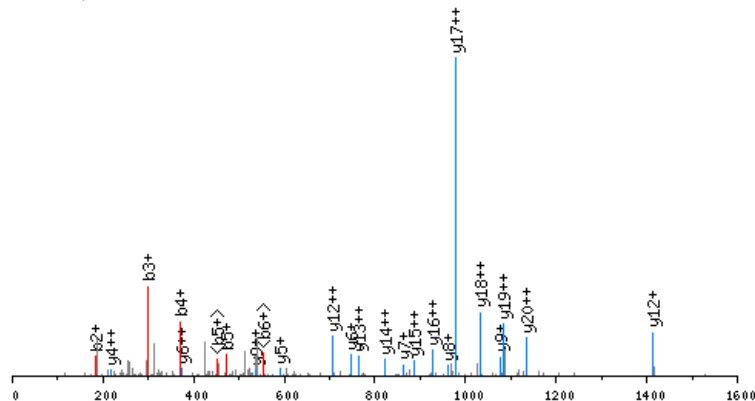
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 13		
185.0926	2	A 12	1136.5700	568.7889
298.1767	3	L 11	1065.5329	533.2704
461.2400	4	Y 10	952.4488	476.7283
518.2615	5	G 9	789.3855	395.1967
575.2829	6	G 8	732.3640	366.6859
674.3514	7	V 7	675.3426	338.1752
803.3940	8	E 6	576.2742	288.6410
860.4154	9	G 5	447.2316	224.1197
917.4369	10	G 4	390.2101	195.6090
974.4583	11	G 3	333.1886	167.0982
1075.5060	12	T 2	276.1672	138.5875
	13	R 1	175.1195	88.0637

N-term:+43.02

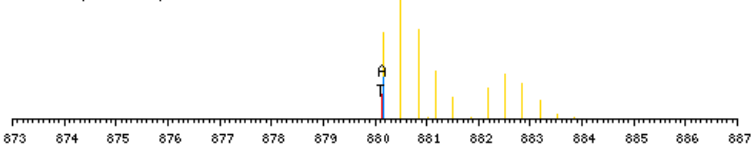
AANATTNPSQLLPLELVDKIGSR, MH+ 2638.3874, m/z 880.1340
 H OS G24 P150811 220811-s1.04966.04966.3.dta

scan 4966; 3.1e+000



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

scan 4965; 880.1 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⁺
114.0555	1	A 24		
185.0926	2	A 23	2525.3397	1263.1738
299.1356	3	N 22	2454.3026	1227.6552
370.1727	4	A 21	2340.2597	1170.6338
471.2203	5	T 20	2269.2226	1135.1152
572.2680	6	T 19	2168.1749	1084.5914
686.3110	7	N 18	2067.1272	1034.0675
783.3637	8	P 17	1953.0843	977.0461
870.3957	9	S 16	1856.0315	928.5197
998.4543	10	Q 15	1768.9995	885.0037
1111.5384	11	L 14	1640.9409	820.9744
1224.6225	12	L 13	1527.8569	764.4323
1321.6752	13	P 12	1414.7728	707.8903
1434.7593	14	L 11	1317.7200	659.3639
1563.8019	15	E 10	1204.6360	602.8219
1676.8859	16	L 9	1075.5934	538.3006
1775.9544	17	V 8	962.5093	481.7586
1890.9813	18	D 7	863.4409	432.2244
2047.1076	19	K 6	748.4140	374.7109
2207.1382	20	C 5	592.2877	296.6477
2320.2223	21	I 4	432.2571	216.6324
2377.2437	22	G 3	319.1730	160.0904
2464.2757	23	S 2	262.1515	131.5797
	24	R 1	175.1195	88.0637

N-term:+43.02 K(19) :+156.13
 C(20) :+160.03

AAPAAPAAGETGPDAR, MH+ 1464.7083, m/z 732.8578
 H OS G29 P150811 220811-s1.02680.02680.2.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+

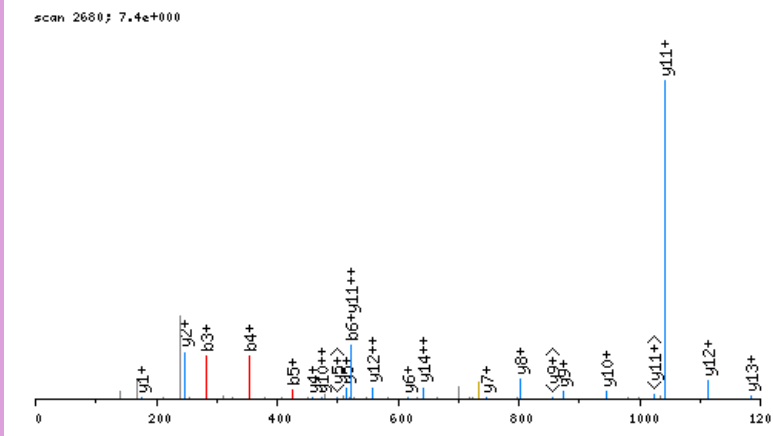
y + 2+ 3+

z + 2+ 3+

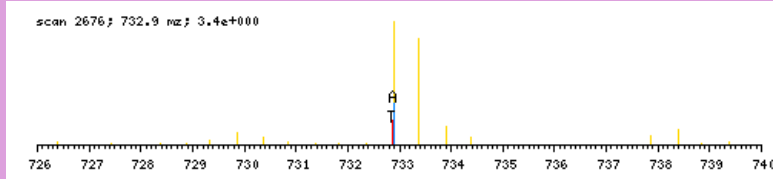
hide H₂O/NH₃

zoom 112-122

GO



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



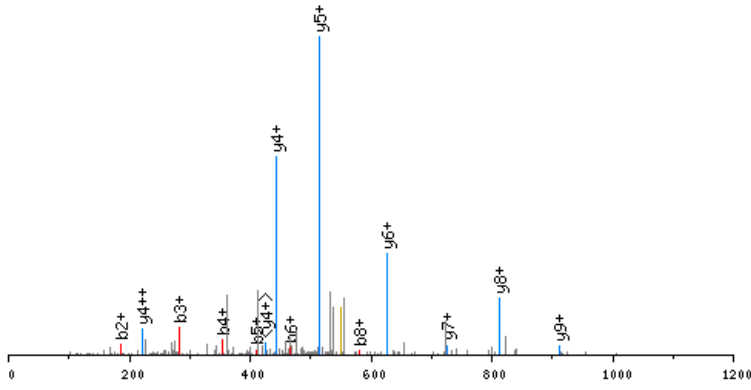
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 16		
185.0926	2	A 15	1351.6606	676.3342
282.1454	3	P 14	1280.6235	640.8157
353.1825	4	A 13	1183.5707	592.2893
424.2196	5	A 12	1112.5336	556.7707
521.2724	6	P 11	1041.4965	521.2522
592.3095	7	A 10	944.4437	472.7258
663.3466	8	A 9	873.4066	437.2072
720.3681	9	G 8	802.3695	401.6887
849.4107	10	E 7	745.3481	373.1779
950.4583	11	T 6	616.3055	308.6566
1007.4798	12	G 5	515.2578	258.1328
1104.5326	13	P 4	458.2363	229.6221
1219.5595	14	D 3	361.1836	181.0957
1290.5966	15	A 2	246.1566	123.5822
	16	R 1	175.1195	88.0637

N-term:+43.02

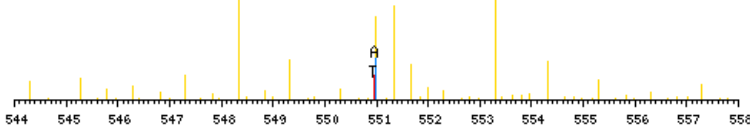
AAPAGGGGSAVSVLAPNGR, MH+ 1650.8564, m/z 550.9570
 H OS G29 P150811 220811-s1.04161.04161.3.dta

scan 4161; 2.3e+000



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

scan 4160; 551.0 m/z; 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⁺
114.0555	1	A 19		
185.0926	2	A 18	1537.8087	769.4083
282.1454	3	P 17	1466.7716	733.8897
353.1825	4	A 16	1369.7188	685.3633
410.2040	5	G 15	1298.6817	649.8448
467.2254	6	G 14	1241.6602	621.3340
524.2469	7	G 13	1184.6388	592.8233
581.2684	8	G 12	1127.6173	564.3126
668.3004	9	S 11	1070.5958	535.8018
739.3375	10	A 10	983.5638	492.2858
838.4059	11	V 9	912.5267	456.7673
925.4379	12	S 8	813.4583	407.2331
1024.5064	13	V 7	726.4262	363.7170
1137.5904	14	L 6	627.3578	314.1828
1208.6275	15	A 5	514.2738	257.6408
1305.6803	16	P 4	443.2367	222.1222
1419.7232	17	N 3	346.1839	173.5959
1476.7447	18	G 2	232.1410	116.5744
	19	R 1	175.1195	88.0637

N-term:+43.02

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

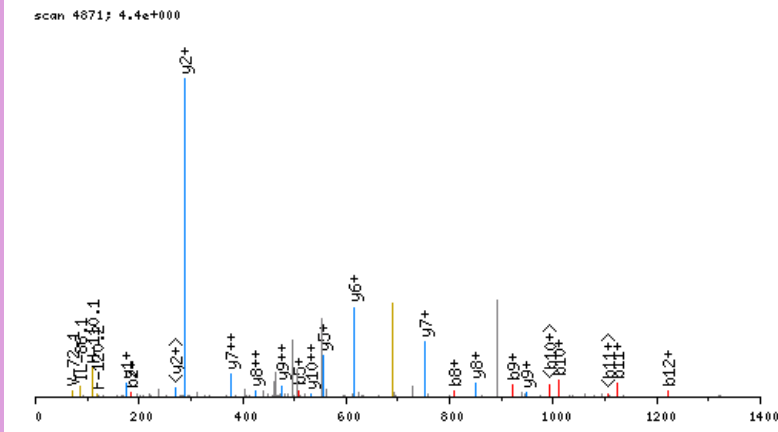
y + 2+ 3+

z + 2+ 3+

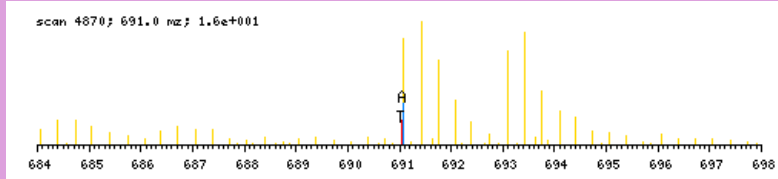
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 20		
185.0926	2	A 19	1958.0824	979.5451
282.1454	3	P 18	1887.0453	944.0265
353.1825	4	A 17	1789.9925	895.5002
509.3088	5	K 16	1718.9554	859.9816
566.3303	6	G 15	1562.8291	781.9185
695.3729	7	E 14	1505.8076	753.4077
809.4158	8	N 13	1376.7650	688.8864
922.4999	9	L 12	1262.7221	631.8650
1009.5319	10	S 11	1149.6380	575.3229
1122.6159	11	L 10	1062.6060	531.8069
1221.6844	12	V 9	949.5219	475.2649
1320.7528	13	V 8	850.4535	425.7307
1457.8117	14	H 7	751.3851	376.1965
1514.8331	15	G 6	614.3262	307.6670
1611.8859	16	P 5	557.3047	279.1563
1668.9074	17	G 4	460.2520	230.6299
1783.9343	18	D 3	403.2305	202.1192
1897.0184	19	I 2	288.2036	144.6057
	20	R 1	175.1195	88.0637

N-term:+43.02 K(5):+156.13

AAPPGYFVSQVSCR, MH+ 1853.8492, m/z 618.6212
 H OS G29 P150811 220811-s1.05066.05066.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

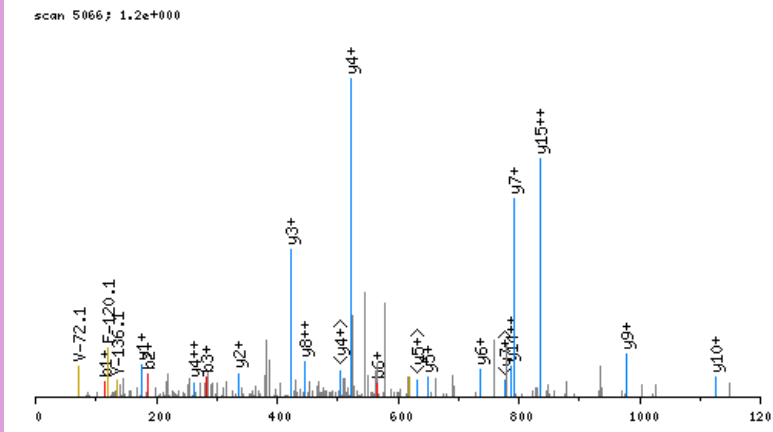
y + 2+ 3+

z + 2+ 3+

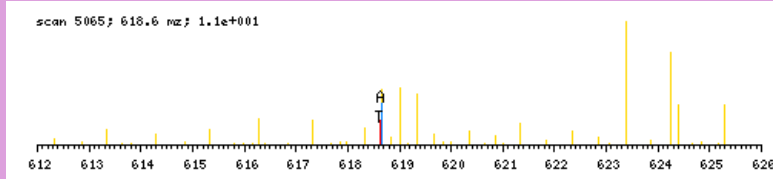
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 17		
185.0926	2	A 16	1740.8015	870.9047
282.1454	3	P 15	1669.7644	835.3861
379.1982	4	P 14	1572.7116	786.8597
436.2196	5	G 13	1475.6589	738.3333
565.2622	6	E 12	1418.6374	709.8226
728.3255	7	Y 11	1289.5948	645.3013
875.3940	8	F 10	1126.5315	563.7696
962.4260	9	S 9	979.4631	490.2354
1061.4944	10	V 8	892.4310	446.7194
1118.5159	11	G 7	793.3626	397.1852
1205.5479	12	S 6	736.3411	368.6745
1333.6065	13	Q 5	649.3091	325.1585
1432.6749	14	V 4	521.2505	261.1292
1519.7069	15	S 3	422.1821	211.5950
1679.7375	16	C 2	335.1501	168.0790
	17	R 1	175.1195	88.0637

N-term:+43.02 C(16):+160.03

AAPQDVHVR, MH+ 1034.5383, m/z 517.7728
 H OS G25 P150811 220811-s1.02603.02603.2.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+

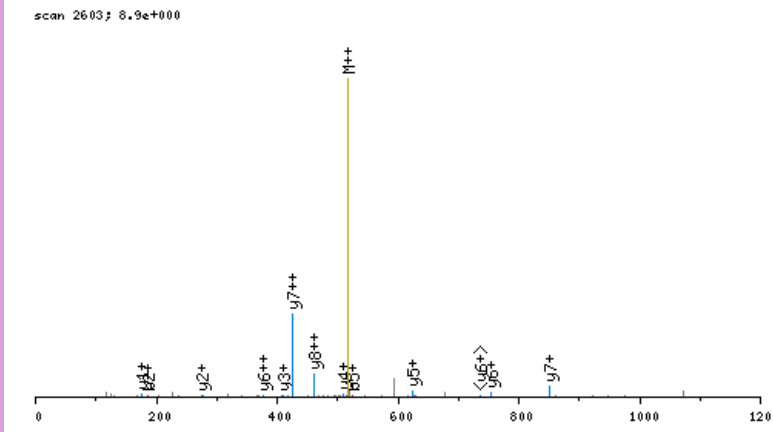
y + 2+ 3+

z + 2+ 3+

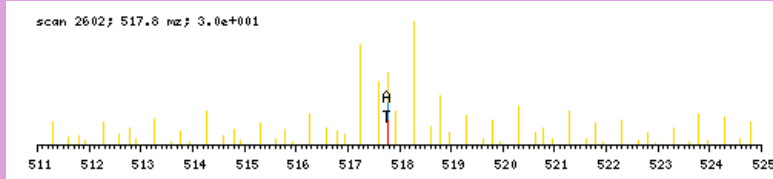
hide H₂O/NH₃

zoom 112-122

GO



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

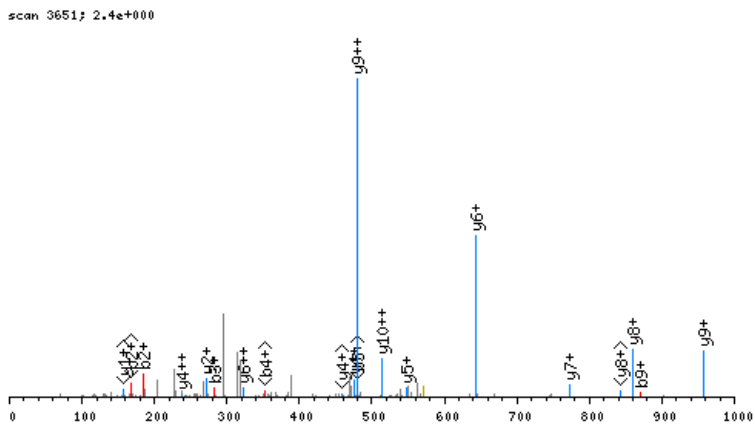


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

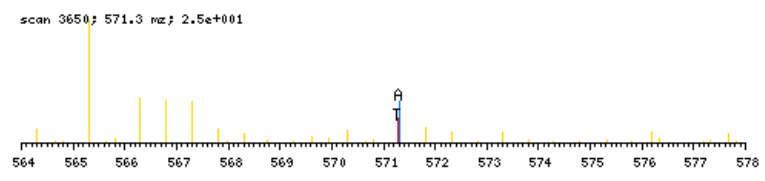
b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 9		
185.0926	2	A 8	921.4906	461.2492
282.1454	3	P 7	850.4535	425.7307
410.2040	4	Q 6	753.4008	377.2043
525.2309	5	D 5	625.3422	313.1750
624.2993	6	V 4	510.3152	255.6615
761.3582	7	H 3	411.2468	206.1273
860.4267	8	V 2	274.1879	137.5979
	9	R 1	175.1195	88.0637

N-term:+43.02

AAPSEPAGEFPR, MH+ 1141.5642, m/z 571.2857
 H OS G29 P150811 220811-s1.03651.03651.2.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⁺
114.0555	1	A	11		
185.0926	2	A	10	1028.5165	514.7622
282.1454	3	P	9	957.4794	479.2436
369.1774	4	S	8	860.4266	430.7172
498.2200	5	E	7	773.3946	387.2012
595.2728	6	P	6	644.3520	322.6799
666.3099	7	A	5	547.2993	274.1535
723.3314	8	G	4	476.2621	238.6350
870.3998	9	F	3	419.2407	210.1243
967.4525	10	P	2	272.1723	136.5900
	11	R	1	175.1195	88.0637

N-term:+43.02

AAPSVPTPLYGHVGR, MH+ 1563.8284, m/z 521.9476
 H OS G25 P150811 220811-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+

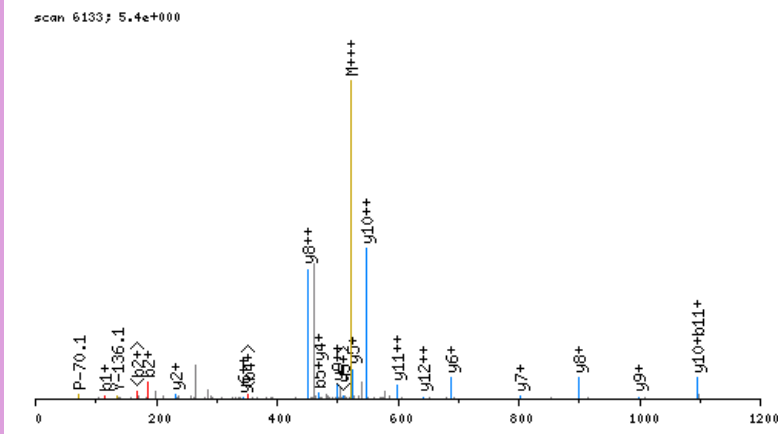
y + 2+ 3+

z + 2+ 3+

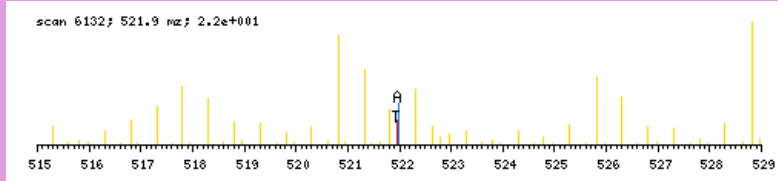
hide H₂O/NH₃

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⁺
114.0555	1	A 15		
185.0926	2	A 14	1450.7807	725.8942
282.1454	3	P 13	1379.7436	690.3757
369.1774	4	S 12	1282.6908	641.8493
468.2458	5	V 11	1195.6588	598.3333
565.2986	6	P 10	1096.5904	548.7991
666.3463	7	T 9	999.5376	500.2727
763.3990	8	P 8	898.4899	449.7489
876.4831	9	L 7	801.4371	401.2225
1039.5464	10	Y 6	688.3531	344.6805
1096.5679	11	G 5	525.2898	263.1488
1233.6268	12	H 4	468.2683	234.6381
1332.6952	13	V 3	331.2094	166.1086
1389.7167	14	G 2	232.1410	116.5744
	15	R 1	175.1195	88.0637

N-term:+43.02

AAQALAAQAVASR, MH+ 1269.6915, m/z 635.3494
 H OS G29 P150811 220811-s1.04679.04679.2.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+

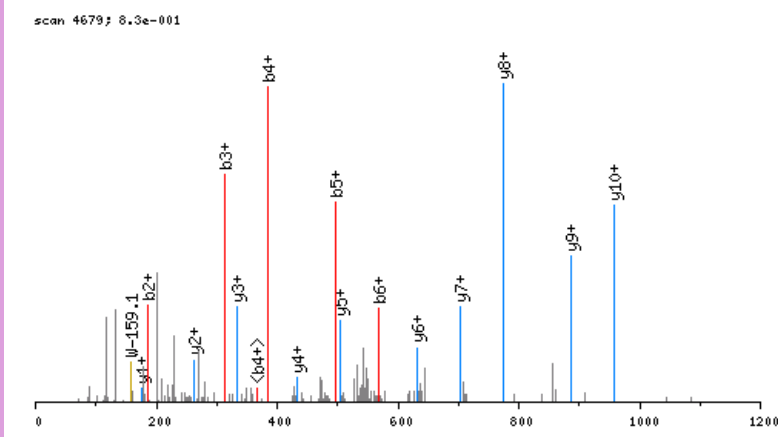
y + 2+ 3+

z + 2+ 3+

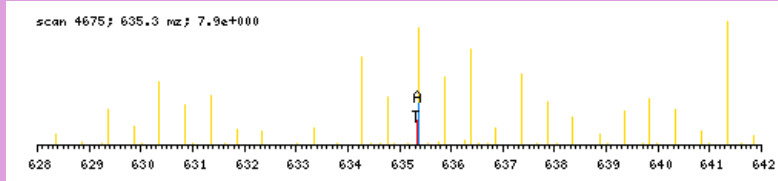
hide H₂O/NH₃

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⁺
114.0555	1	A 13		
185.0926	2	A 12	1156.6438	578.8258
313.1512	3	Q 11	1085.6067	543.3073
384.1883	4	A 10	957.5482	479.2780
497.2724	5	L 9	886.5110	443.7594
568.3095	6	A 8	773.4270	387.2174
639.3466	7	A 7	702.3899	351.6988
767.4052	8	Q 6	631.3527	316.1803
838.4423	9	A 5	503.2942	252.1510
937.5107	10	V 4	432.2571	216.6324
1008.5478	11	A 3	333.1886	167.0982
1095.5799	12	S 2	262.1515	131.5797
	13	R 1	175.1195	88.0637

N-term:+43.02

AAQAVSLLR, MH+ 970.5686, m/z 485.7879
 H OS G29 P150811 220811-s1.05286.05286.2.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+

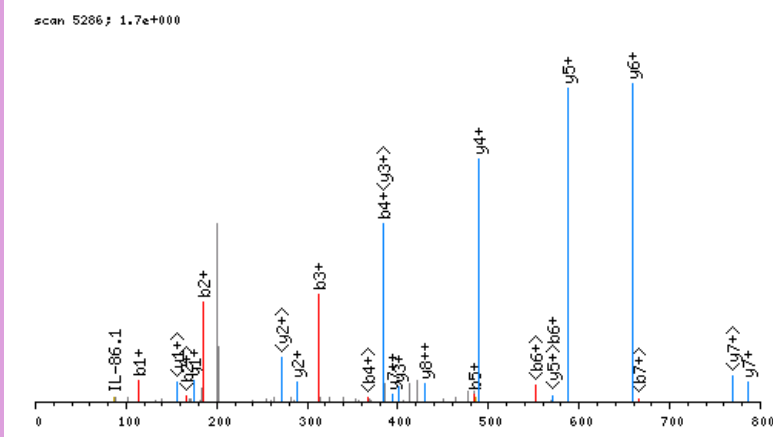
y + 2+ 3+

z + 2+ 3+

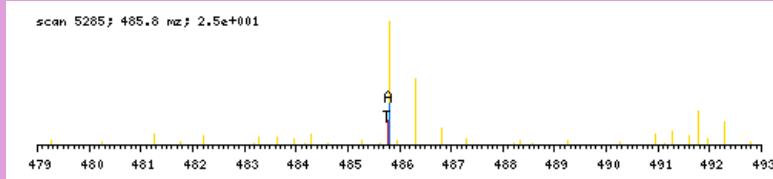
hide H₂O/NH₃

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⁺
114.0555	1	A 9		
185.0926	2	A 8	857.5209	429.2644
313.1512	3	Q 7	786.4838	393.7458
384.1883	4	A 6	658.4252	329.7165
483.2567	5	V 5	587.3881	294.1979
570.2888	6	S 4	488.3197	244.6637
683.3728	7	L 3	401.2876	201.1477
796.4569	8	L 2	288.2036	144.6057
	9	R 1	175.1195	88.0637

N-term:+43.02

AASAASSEHFPEKLHEIFR, MH+ 2100.0515, m/z 525.7683
 H OS G28 P150811 220811-s1.07057.07057.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

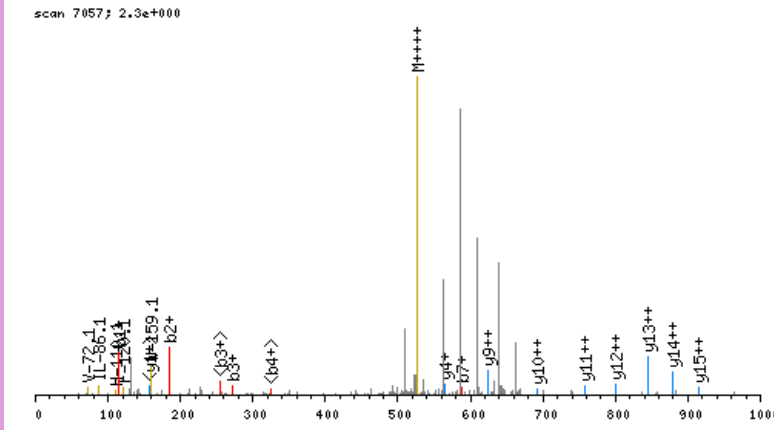
y + 2+ 3+

z + 2+ 3+

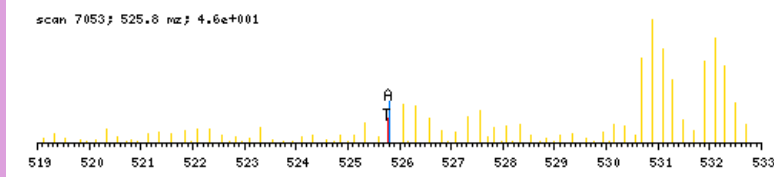
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 18		
185.0926	2	A 17	1987.0038	994.0058
272.1247	3	S 16	1915.9667	958.4872
343.1618	4	A 15	1828.9346	914.9712
414.1989	5	A 14	1757.8975	879.4527
501.2309	6	S 13	1686.8604	843.9341
588.2629	7	S 12	1599.8284	800.4181
717.3055	8	E 11	1512.7964	756.9021
854.3644	9	H 10	1383.7538	692.3808
1001.4329	10	F 9	1246.6949	623.8513
1130.4755	11	E 8	1099.6264	550.3171
1286.6018	12	K 7	970.5838	485.7958
1399.6858	13	L 6	814.4575	407.7327
1536.7447	14	H 5	701.3735	351.1907
1665.7873	15	E 4	564.3146	282.6612
1778.8714	16	I 3	435.2720	218.1399
1925.9398	17	F 2	322.1879	161.5979
	18	R 1	175.1195	88.0637

N-term:+43.02 K(12):+156.13

AASAIKGLSALR, MH+ 1227.7425, m/z 614.3749
 H OS G25 P150811 220811-s1.07003.07003.2.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+

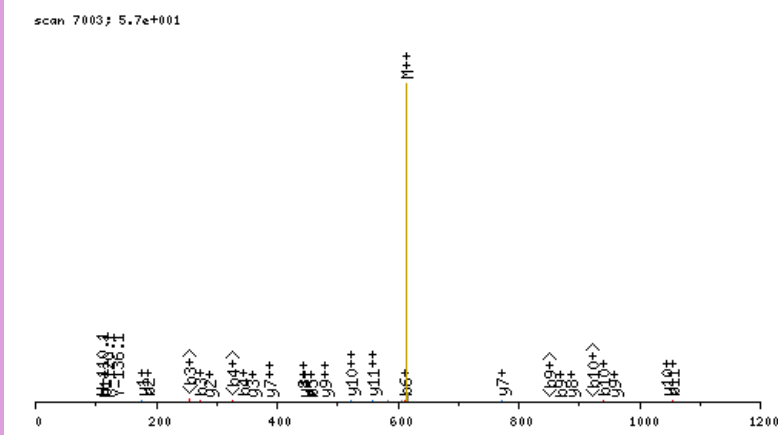
y + 2+ 3+

z + 2+ 3+

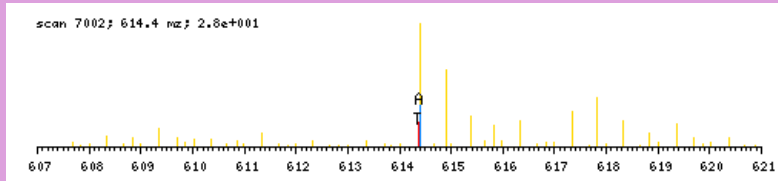
hide H₂O/NH₃

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⁺
114.0555	1	A 12		
185.0926	2	A 11	1114.6949	557.8513
272.1247	3	S 10	1043.6577	522.3328
343.1618	4	A 9	956.6257	478.8168
456.2458	5	I 8	885.5886	443.2982
612.3721	6	K 7	772.5045	386.7562
669.3936	7	G 6	616.3782	308.6930
782.4777	8	L 5	559.3568	280.1823
869.5097	9	S 4	446.2727	223.6403
940.5468	10	A 3	359.2407	180.1243
1053.6309	11	L 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+43.02 K(6):+156.13

AASEDELLLPR, MH+ 1255.6534, m/z 628.3303
 H OS G29 P150811 220811-s1.05287.05287.2.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+

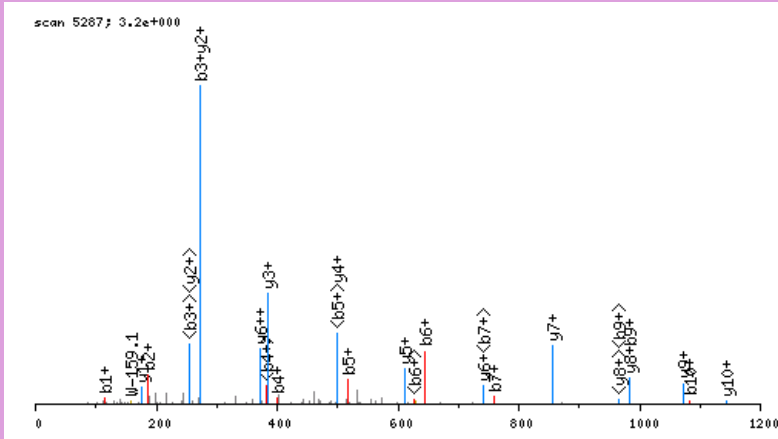
y + 2+ 3+

z + 2+ 3+

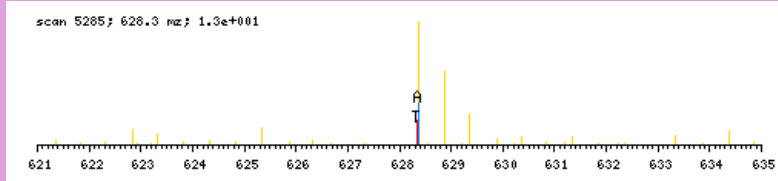
hide H₂O/NH₃

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⁺
114.0555	1	A 11		
185.0926	2	A 10	1142.6057	571.8068
272.1247	3	S 9	1071.5686	536.2882
401.1672	4	E 8	984.5366	492.7722
516.1942	5	D 7	855.4940	428.2509
645.2368	6	E 6	740.4670	370.7374
758.3208	7	L 5	611.4245	306.2161
871.4049	8	L 4	498.3404	249.6741
984.4890	9	L 3	385.2563	193.1321
1081.5417	10	P 2	272.1723	136.5900
	11	R 1	175.1195	88.0637

N-term:+43.02

AASGDPGSAESYR, MH+ 1309.5661, m/z 655.2867
 H OS G29 P150811 220811-s1.02524.02524.2.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+

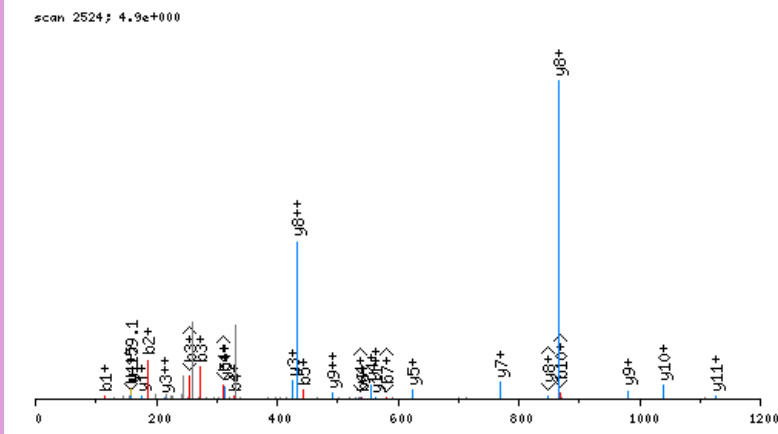
y + 2+ 3+

z + 2+ 3+

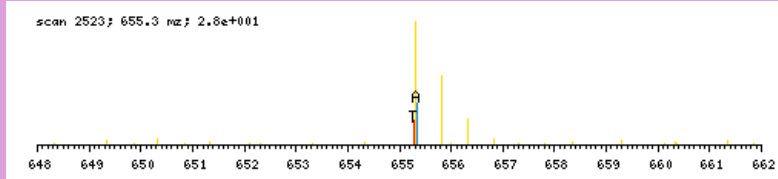
hide H₂O/NH₃

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⁺
114.0555	1	A 13		
185.0926	2	A 12	1196.5184	598.7631
272.1247	3	S 11	1125.4813	563.2445
329.1461	4	G 10	1038.4492	519.7285
444.1731	5	D 9	981.4278	491.2178
541.2258	6	P 8	866.4008	433.7043
598.2473	7	G 7	769.3481	385.1779
685.2793	8	S 6	712.3266	356.6672
756.3164	9	A 5	625.2946	313.1512
885.3590	10	E 4	554.2575	277.6326
972.3911	11	S 3	425.2149	213.1113
1135.4544	12	Y 2	338.1828	169.5953
	13	R 1	175.1195	88.0637

N-term:+43.02

AASPSKTEIQTIFKR, MH+ 1775.0068, m/z 592.3404
 H OS G26 P150811 220811-s1.04677.04677.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

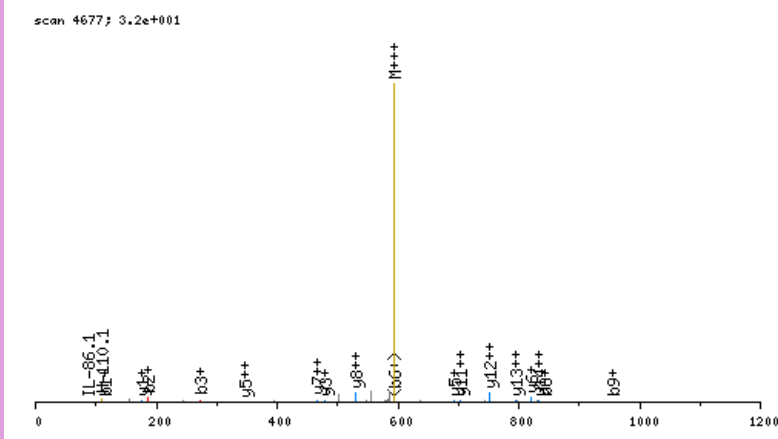
y + 2+ 3+

z + 2+ 3+

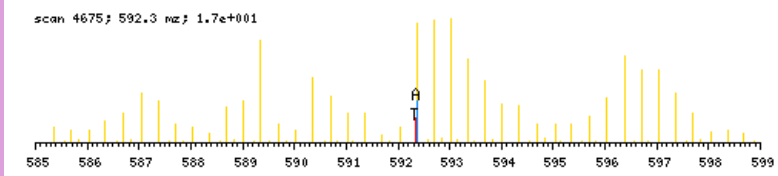
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	15		
185.0926	2	A	14	1661.9591	831.4835
272.1247	3	S	13	1590.9220	795.9649
369.1774	4	P	12	1503.8900	752.4489
456.2094	5	S	11	1406.8372	703.9225
612.3357	6	K	10	1319.8052	660.4065
713.3834	7	T	9	1163.6789	582.3433
842.4260	8	E	8	1062.6312	531.8195
955.5101	9	I	7	933.5886	467.2982
1083.5687	10	Q	6	820.5045	410.7562
1184.6163	11	T	5	692.4460	346.7269
1297.7004	12	I	4	591.3983	296.2031
1444.7688	13	F	3	478.3142	239.6610
1600.8951	14	K	2	331.2458	166.1268
	15	R	1	175.1195	88.0637

N-term:+43.02 K(6):+156.13
 K(14):+156.13

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

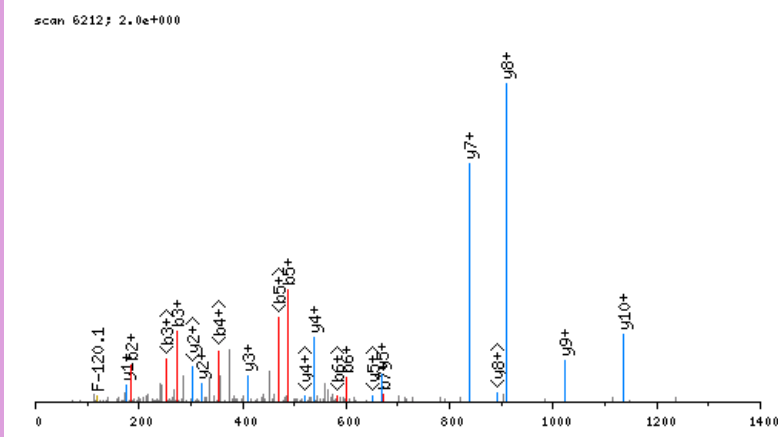
y + 2+ 3+

z + 2+ 3+

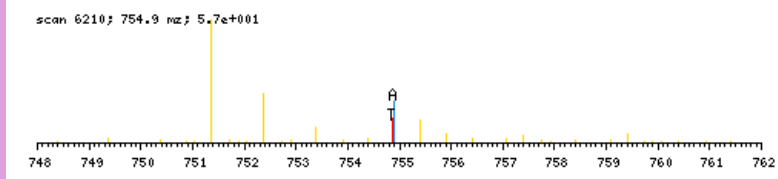
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 14		
185.0926	2	A 13	1395.6756	698.3417
272.1247	3	S 12	1324.6385	662.8232
373.1723	4	T 11	1237.6065	619.3071
488.1993	5	D 10	1136.5588	568.7833
601.2833	6	I 9	1021.5318	511.2698
672.3205	7	A 8	908.4478	454.7278
729.3419	8	G 7	837.4107	419.2092
842.4260	9	L 6	780.3892	390.6985
971.4686	10	E 5	667.3051	334.1565
1100.5112	11	E 4	538.2625	269.6352
1187.5432	12	S 3	409.2199	205.1139
1334.6116	13	F 2	322.1879	161.5979
	14	R 1	175.1195	88.0637

N-term:+43.02

AATAAEVAASGSGEAR, MH+ 1460.6981, m/z 730.8527
 H OS G29 P150811 220811-s1.03546.03546.2.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+

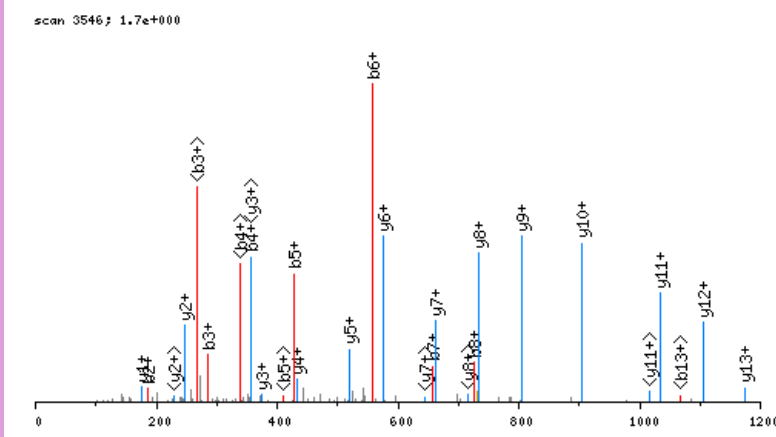
y + 2+ 3+

z + 2+ 3+

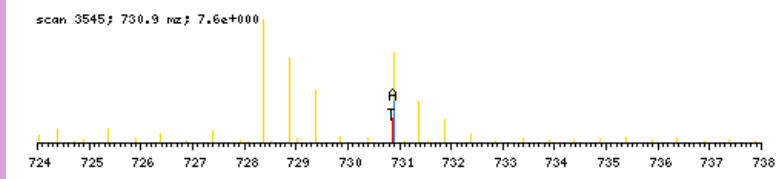
hide H₂O/NH₃

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⁺
114.0555	1	A 16		
185.0926	2	A 15	1347.6504	674.3291
286.1403	3	T 14	1276.6133	638.8106
357.1774	4	A 13	1175.5657	588.2867
428.2145	5	A 12	1104.5285	552.7682
557.2571	6	E 11	1033.4914	517.2496
656.3255	7	V 10	904.4488	452.7283
727.3627	8	A 9	805.3804	403.1941
798.3998	9	A 8	734.3433	367.6756
885.4318	10	S 7	663.3062	332.1570
942.4533	11	G 6	576.2742	288.6410
1029.4853	12	S 5	519.2527	260.1303
1086.5068	13	G 4	432.2207	216.6142
1215.5493	14	E 3	375.1992	188.1035
1286.5865	15	A 2	246.1566	123.5822
	16	R 1	175.1195	88.0637

N-term:+43.02

AATAAVPGAAAGR, MH+ 1125.6017, m/z 563.3045
 H OS G29 P150811 220811-s1.02891.02891.2.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+

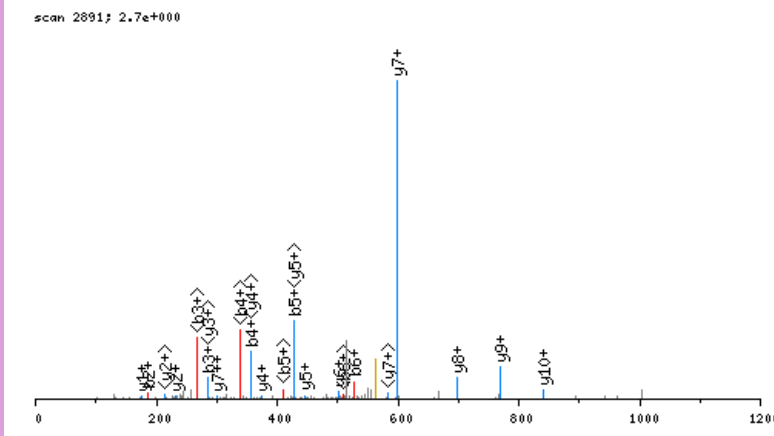
y + 2+ 3+

z + 2+ 3+

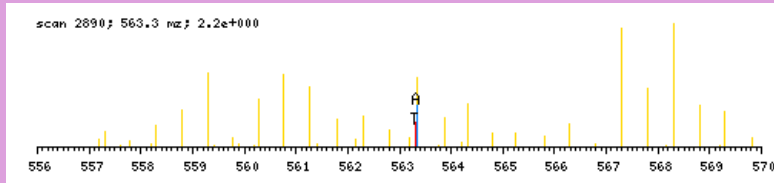
hide H₂O/NH₃

zoom 112-122

GO



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



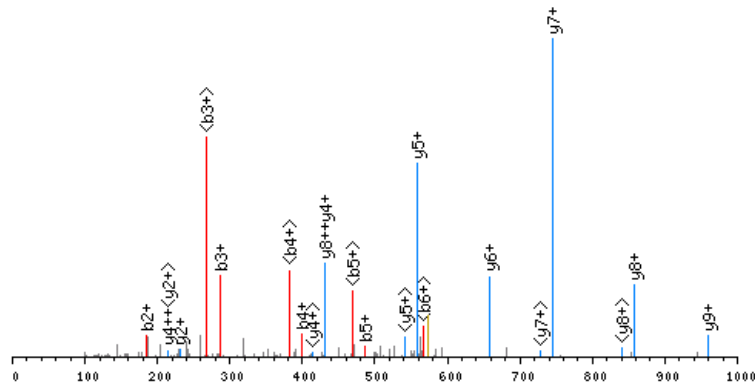
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	13		
185.0926	2	A	12	1012.5540	506.7809
286.1403	3	T	11	941.5169	471.2623
357.1774	4	A	10	840.4692	420.7385
428.2145	5	A	9	769.4321	385.2199
527.2829	6	V	8	698.3949	349.7014
624.3357	7	P	7	599.3265	300.1672
681.3572	8	G	6	502.2738	251.6408
752.3943	9	A	5	445.2523	223.1301
823.4314	10	A	4	374.2152	187.6115
894.4685	11	A	3	303.1781	152.0930
951.4900	12	G	2	232.1410	116.5744
	13	R	1	175.1195	88.0637

N-term:+43.02

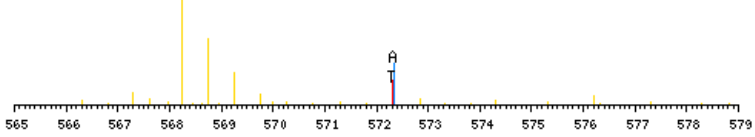
AATLSVEPTGR, MH+ 1143.6010, m/z 572.3041
 H OS G29 P150811 220811-s1.03603.03603.2.dta

scan 3603; 1.6e+000



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

scan 3600; 572.3 m/z; 5.7e+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⁺
114.0555	1	A	11		
185.0926	2	A	10	1030.5533	515.7806
286.1403	3	T	9	959.5162	480.2620
399.2244	4	L	8	858.4685	429.7382
486.2564	5	S	7	745.3844	373.1961
585.3248	6	V	6	658.3524	329.6801
714.3674	7	E	5	559.2840	280.1459
811.4202	8	P	4	430.2414	215.6246
912.4678	9	T	3	333.1886	167.0982
969.4893	10	G	2	232.1410	116.5744
	11	R	1	175.1195	88.0637

N-term:+43.02

AATTAAVVAEEDTELK, MH+ 1688.8343, m/z 844.9208
 H OS G29 P150811 220811-s1.05433.05433.2.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+

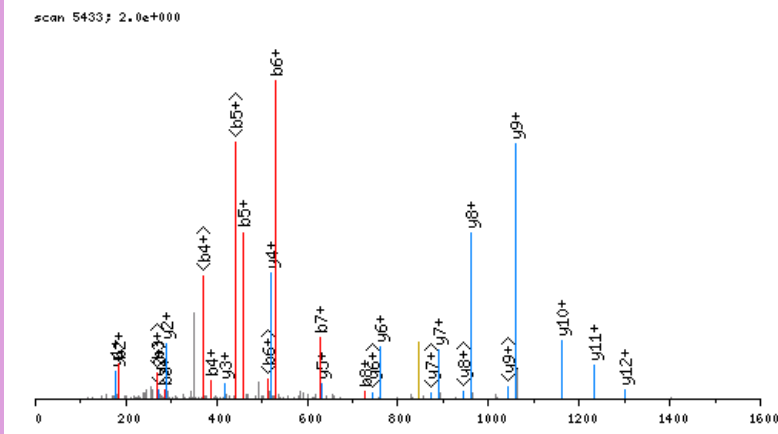
y + 2+ 3+

z + 2+ 3+

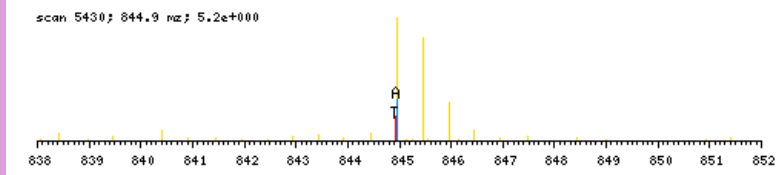
hide H₂O/NH₃

zoom 112-122

GO



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



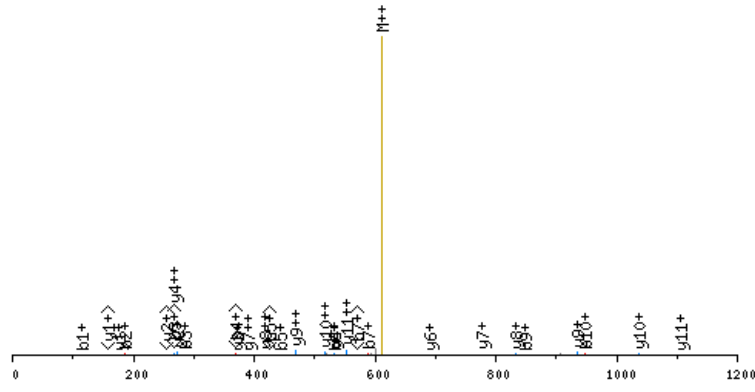
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 16		
185.0926	2	A 15	1575.7866	788.3972
286.1403	3	T 14	1504.7495	752.8787
387.1880	4	T 13	1403.7018	702.3548
458.2251	5	A 12	1302.6541	651.8310
529.2622	6	A 11	1231.6170	616.3124
628.3306	7	V 10	1160.5799	580.7939
727.3990	8	V 9	1061.5115	531.2597
798.4362	9	A 8	962.4431	481.7255
927.4787	10	E 7	891.4060	446.2069
1056.5213	11	E 6	762.3634	381.6856
1171.5483	12	D 5	633.3208	317.1643
1272.5960	13	T 4	518.2938	259.6508
1401.6386	14	E 3	417.2462	209.1270
1514.7226	15	L 2	288.2036	144.6057
	16	R 1	175.1195	88.0637

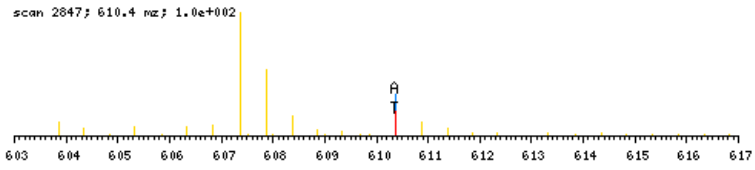
N-term:+43.02

AATTGSGVKVPR, MH+ 1219.7223, m/z 610.3648
 H OS G25 P150811 220811-s1.02850.02850.2.dta

scan 2850; 5.1e+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

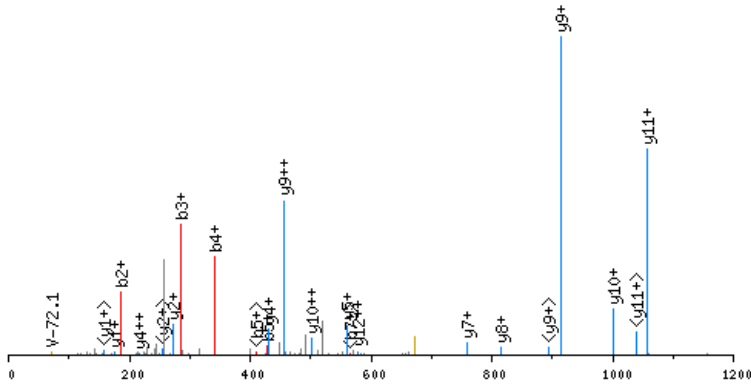
GO

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 12		
185.0926	2	A 11	1106.6746	553.8412
286.1403	3	T 10	1035.6375	518.3227
387.1880	4	T 9	934.5898	467.7988
444.2094	5	G 8	833.5421	417.2750
531.2415	6	S 7	776.5207	388.7643
588.2629	7	G 6	689.4887	345.2482
687.3314	8	V 5	632.4672	316.7375
849.4895	9	K 4	533.3988	267.2033
948.5579	10	V 3	371.2407	186.1243
1045.6106	11	P 2	272.1723	136.5900
	12	R 1	175.1195	88.0637

N-term:+43.02 K(9):+162.16

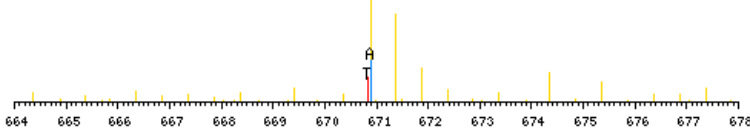
AAVGSPGSLESAPR, MH+ 1340.6810, m/z 670.8442
 H OS G29 P150811 220811-s1.03537.03537.2.dta

scan 3537; 3.1e+000



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

scan 3535; 670.8 m/z; 9.9e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 14		
185.0926	2	A 13	1227.6333	614.3206
284.1610	3	V 12	1156.5962	578.8020
341.1825	4	G 11	1057.5278	529.2678
428.2145	5	S 10	1000.5063	500.7571
525.2673	6	P 9	913.4743	457.2411
582.2888	7	G 8	816.4216	408.7147
669.3208	8	S 7	759.4001	380.2040
782.4049	9	L 6	672.3681	336.6879
911.4474	10	E 5	559.2840	280.1459
998.4795	11	S 4	430.2414	215.6246
1069.5166	12	A 3	343.2094	172.1086
1166.5694	13	P 2	272.1723	136.5900
	14	R 1	175.1195	88.0637

N-term:+43.02

AAVKTLNPKAEVAR, MH+ 1565.9380, m/z 522.6508
 H OS G26 P150811 220811-s1.03106.03106.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

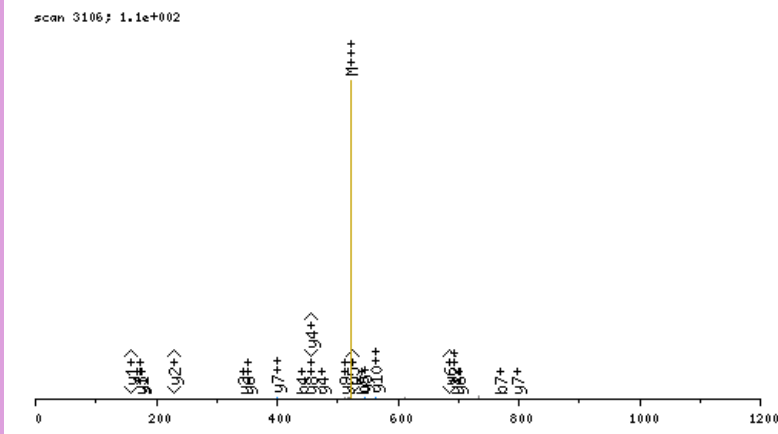
y + 2+ 3+

z + 2+ 3+

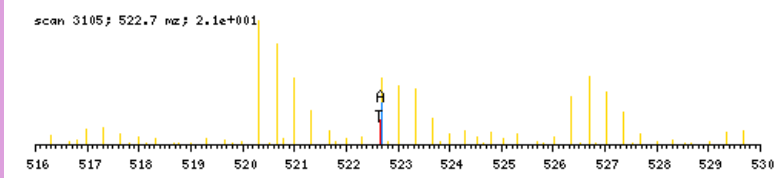
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 14		
185.0926	2	A 13	1452.8903	726.9491
284.1610	3	V 12	1381.8532	691.4305
440.2873	4	K 11	1282.7848	641.8963
541.3350	5	T 10	1126.6585	563.8331
654.4191	6	L 9	1025.6108	513.3093
768.4620	7	N 8	912.5267	456.7673
865.5148	8	P 7	798.4838	399.7458
1021.6411	9	K 6	701.4310	351.2194
1092.6782	10	A 5	545.3047	273.1563
1221.7208	11	E 4	474.2676	237.6377
1320.7892	12	V 3	345.2250	173.1164
1391.8263	13	A 2	246.1566	123.5822
	14	R 1	175.1195	88.0637

N-term:+43.02 K(4):+156.13
 K(9):+156.13

AAVPSAVHLPR, MH+ 1159.6588, m/z 580.3330
 H OS G25 P150811 220811-s1.05498.05498.2.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+

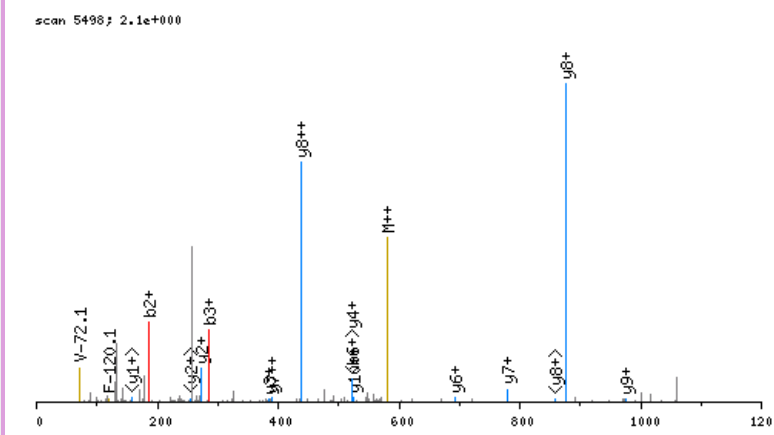
y + 2+ 3+

z + 2+ 3+

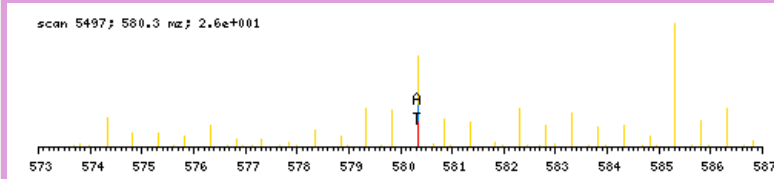
hide H₂O/NH₃

zoom 112-122

GO



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



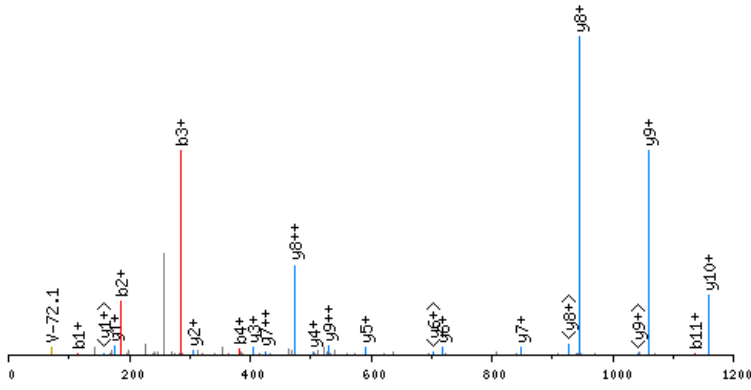
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	11		
185.0926	2	A	10	1046.6111	523.8095
284.1610	3	V	9	975.5740	488.2909
381.2138	4	P	8	876.5056	438.7567
468.2458	5	S	7	779.4528	390.2303
539.2829	6	A	6	692.4208	346.7143
638.3514	7	V	5	621.3837	311.1957
775.4103	8	H	4	522.3152	261.6615
888.4943	9	L	3	385.2563	193.1321
985.5471	10	P	2	272.1723	136.5900
	11	R	1	175.1195	88.0637

N-term:+43.02

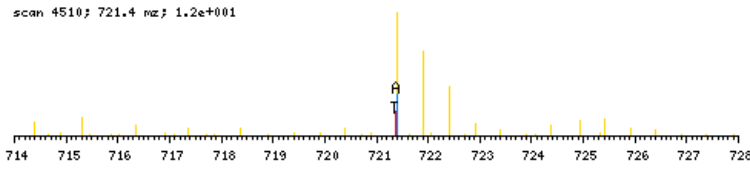
AAVVDPQQSVVMR, MH+ 1441.7473, m/z 721.3773
 H OS G29 P150811 220811-s1.04511.04511.2.dta

scan 4511; 3.9e+000



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

scan 4510; 721.4 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⁺
114.0555	1	A	13		
185.0926	2	A	12	1328.6996	664.8537
284.1610	3	V	11	1257.6625	629.3352
383.2295	4	V	10	1158.5941	579.8010
498.2564	5	D	9	1059.5257	530.2668
595.3092	6	P	8	944.4988	472.7533
723.3677	7	Q	7	847.4460	424.2269
851.4263	8	Q	6	719.3874	360.1976
938.4583	9	S	5	591.3288	296.1683
1037.5268	10	V	4	504.2968	252.6523
1136.5952	11	V	3	405.2284	203.1181
1267.6357	12	M	2	306.1600	153.5839
	13	R	1	175.1195	88.0637

N-term:+43.02

AAVVLGGDTMGPER, MH+ 1414.7000, m/z 707.8537
 H OS G29 P150811 220811-s1.05161.05161.2.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+

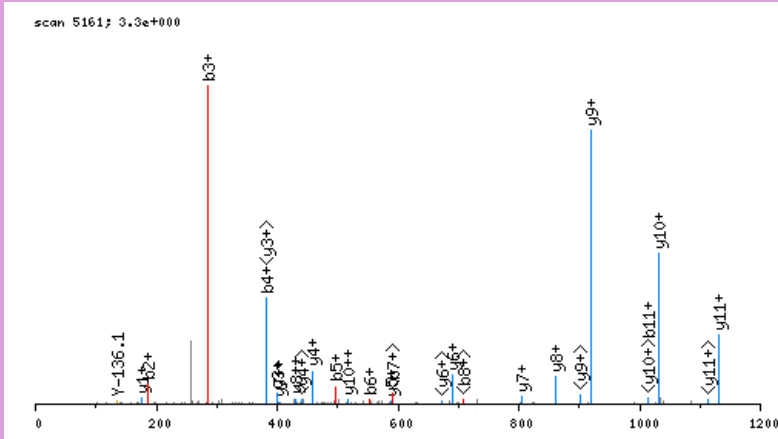
y + 2+ 3+

z + 2+ 3+

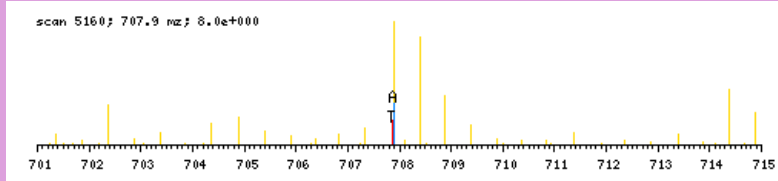
hide H₂O/NH₃

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⁺
114.0555	1	A 14		
185.0926	2	A 13	1301.6524	651.3301
284.1610	3	V 12	1230.6152	615.8115
383.2295	4	V 11	1131.5468	566.2773
496.3135	5	L 10	1032.4784	516.7431
553.3350	6	G 9	919.3944	460.2011
610.3564	7	G 8	862.3729	431.6904
725.3834	8	D 7	805.3514	403.1796
826.4311	9	T 6	690.3245	345.6662
957.4716	10	M 5	589.2768	295.1423
1014.4930	11	G 4	458.2363	229.6221
1111.5458	12	P 3	401.2149	201.1113
1240.5884	13	E 2	304.1621	152.5850
	14	R 1	175.1195	88.0637

N-term:+43.02

AAYKLVLIR, MH+ 1116.7145, m/z 558.8609
 H OS G25 P150811 220811-s1.07303.07303.2.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+

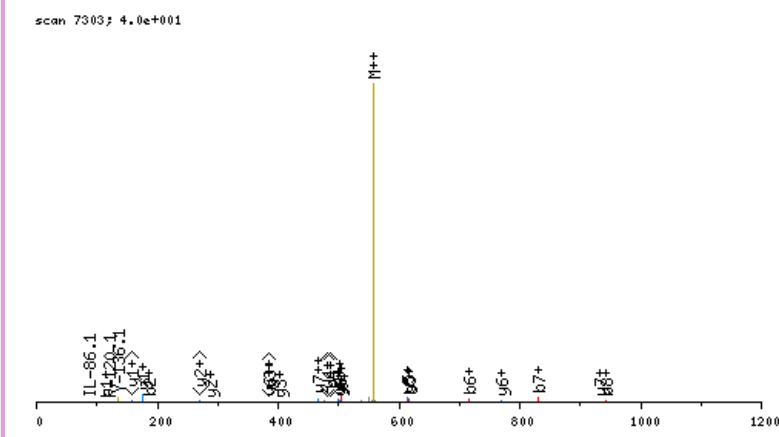
y + 2+ 3+

z + 2+ 3+

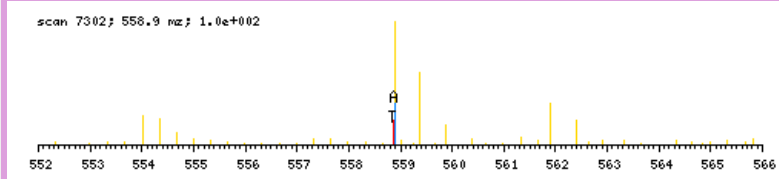
hide H₂O/NH₃

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⁺
114.0555	1	A	9	
185.0926	2	A	8	1003.6668 502.3373
348.1560	3	Y	7	932.6297 466.8188
504.2823	4	K	6	769.5664 385.2871
617.3663	5	L	5	613.4401 307.2240
716.4347	6	V	4	500.3560 250.6819
829.5188	7	L	3	401.2876 201.1477
942.6029	8	I	2	288.2036 144.6057
	9	R	1	175.1195 88.0637

N-term:+43.02 K(4):+156.13

ACGLVASNLNPKPECLKVR, MH+ 2309.3110, m/z 770.4418
 H OS G26 P150811 220811-s1.05927.05927.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

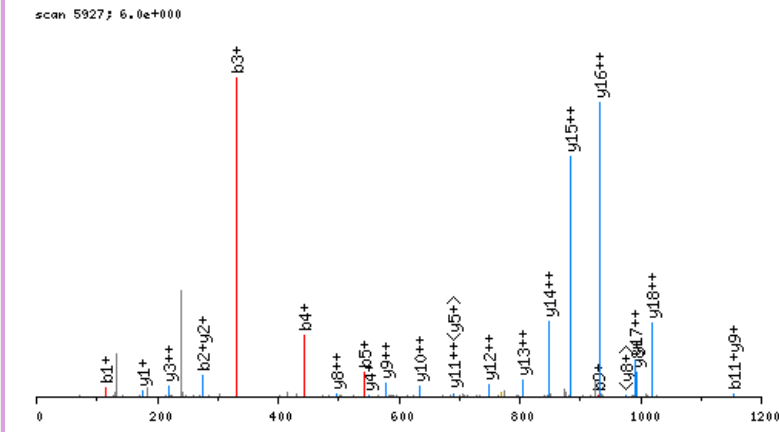
y + 2+ 3+

z + 2+ 3+

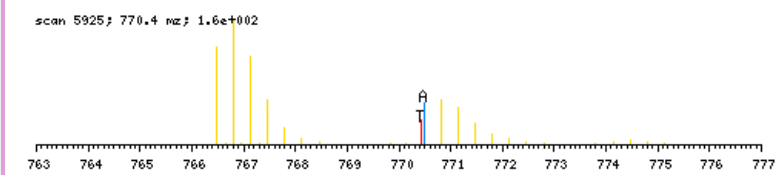
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	20		
274.0861	2	C	19	2196.2633	1098.6355
331.1076	3	G	18	2036.2327	1018.6202
444.1916	4	L	17	1979.2112	990.1095
543.2601	5	V	16	1866.1271	933.5675
614.2972	6	A	15	1767.0587	884.0333
701.3292	7	S	14	1696.0216	848.5147
815.3721	8	N	13	1608.9896	804.9987
928.4562	9	L	12	1494.9467	747.9772
1042.4991	10	N	11	1381.8626	691.4352
1155.5832	11	L	10	1267.8197	634.4137
1317.7413	12	K	9	1154.7356	577.8717
1414.7940	13	P	8	992.5775	496.7927
1471.8155	14	G	7	895.5247	448.2663
1600.8581	15	E	6	838.5033	419.7555
1760.8887	16	C	5	709.4607	355.2343
1873.9728	17	L	4	549.4301	275.2190
2036.1309	18	K	3	436.3460	218.6769
2135.1993	19	V	2	274.1879	137.5979
	20	R	1	175.1195	88.0637

N-term:+43.02 C(2):+160.03
 K(12):+162.16 C(16):+160.03
 K(18):+162.16

ADAAAGEPLPR, MH+ 1109.5591, m/z 555.2832
 H OS G29 P150811 220811-s1.03204.03204.2.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+

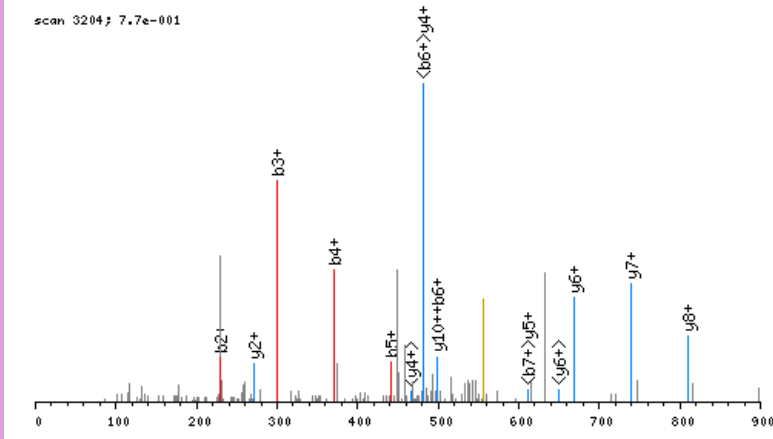
y + 2+ 3+

z + 2+ 3+

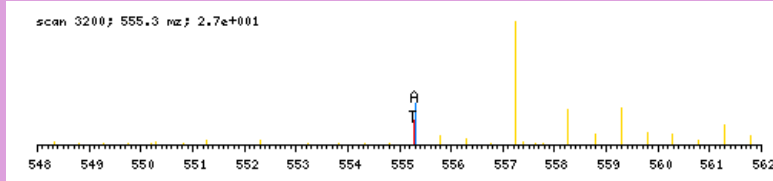
hide H₂O/NH₃

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⁺
114.0555	1	A	11		
229.0825	2	D	10	996.5114	498.7596
300.1196	3	A	9	881.4845	441.2462
371.1567	4	A	8	810.4474	405.7276
442.1938	5	A	7	739.4103	370.2090
499.2153	6	G	6	668.3731	334.6905
628.2579	7	E	5	611.3517	306.1798
725.3106	8	P	4	482.3091	241.6585
838.3947	9	L	3	385.2563	193.1321
935.4474	10	P	2	272.1723	136.5900
	11	R	1	175.1195	88.0637

N-term:+43.02

ADAQMVAPEPTIQMR, MH+ 1799.8784, m/z 600.6310
 H OS G29 P150811 220811-s1.04867.04867.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

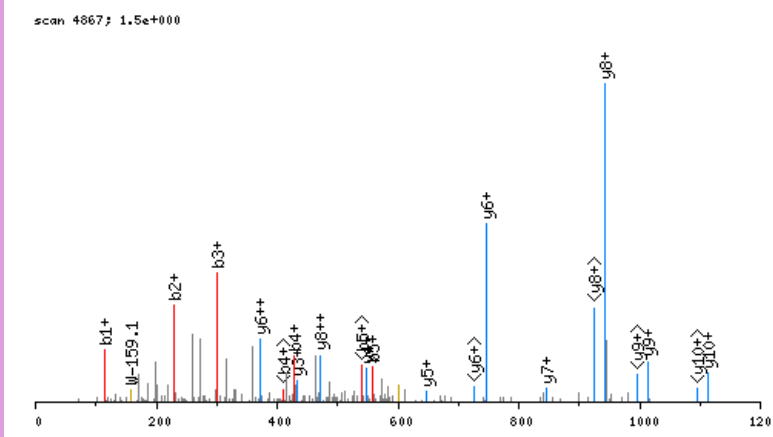
y + 2+ 3+

z + 2+ 3+

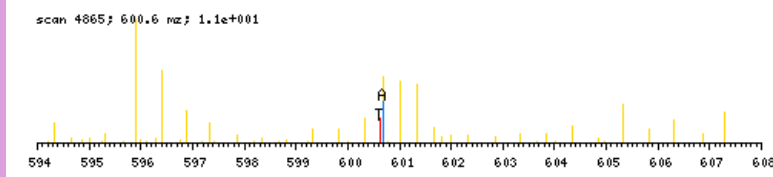
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 16		
229.0825	2	D 15	1686.8307	843.9193
300.1196	3	A 14	1571.8038	786.4058
428.1781	4	Q 13	1500.7667	750.8873
559.2186	5	M 12	1372.7081	686.8580
687.2772	6	Q 11	1241.6676	621.3377
786.3456	7	V 10	1113.6090	557.3084
857.3827	8	A 9	1014.5406	507.7742
954.4355	9	P 8	943.5035	472.2557
1055.4832	10	T 7	846.4507	423.7293
1152.5359	11	P 6	745.4031	373.2054
1253.5836	12	T 5	648.3503	324.6791
1366.6677	13	I 4	547.3026	274.1552
1494.7263	14	Q 3	434.2186	217.6132
1625.7667	15	M 2	306.1600	153.5839
	16	R 1	175.1195	88.0637

N-term:+43.02

ADDVDDQQTTINTVVEEPLDLIR, MH+ 2442.1636, m/z 814.7261
 H OS G29 P150811 220811-s1.06182.06182.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

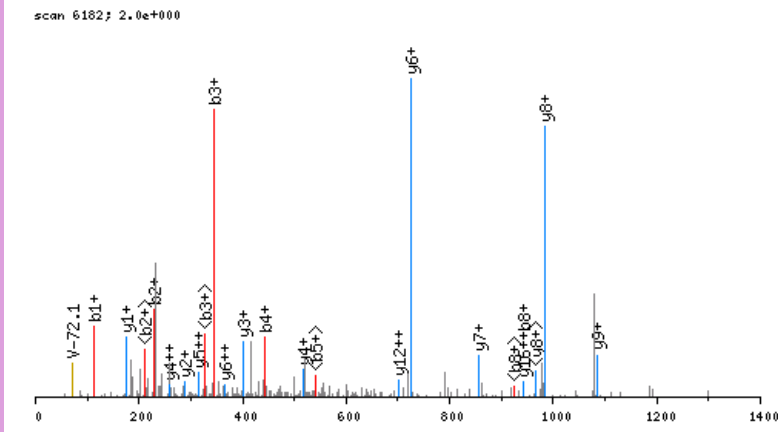
y + 2+ 3+

z + 2+ 3+

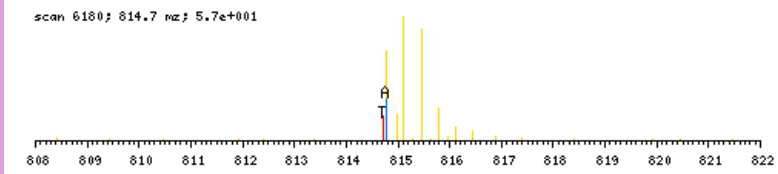
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	21		
229.0825	2	D	20	2329.1159	1165.0619
344.1094	3	D	19	2214.0890	1107.5484
443.1778	4	V	18	2099.0621	1050.0349
558.2048	5	D	17	1999.9936	1000.5007
686.2633	6	Q	16	1884.9667	942.9873
814.3219	7	Q	15	1756.9081	878.9580
942.3805	8	Q	14	1628.8495	814.9287
1043.4282	9	T	13	1500.7910	750.8994
1144.4758	10	T	12	1399.7433	700.3756
1258.5188	11	N	11	1298.6956	649.8517
1359.5665	12	T	10	1184.6527	592.8303
1458.6349	13	V	9	1083.6050	542.3064
1587.6775	14	E	8	984.5366	492.7722
1716.7201	15	E	7	855.4940	428.2509
1813.7728	16	P	6	726.4514	363.7296
1926.8569	17	L	5	629.3986	315.2032
2041.8838	18	D	4	516.3146	258.6612
2154.9679	19	L	3	401.2876	201.1477
2268.0520	20	I	2	288.2036	144.6057
	21	R	1	175.1195	88.0637

N-term:+43.02

ADEALAGLDEGALR, MH+ 1442.7127, m/z 721.8600
 H OS G29 P150811 220811-s1.05847.05847.2.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+

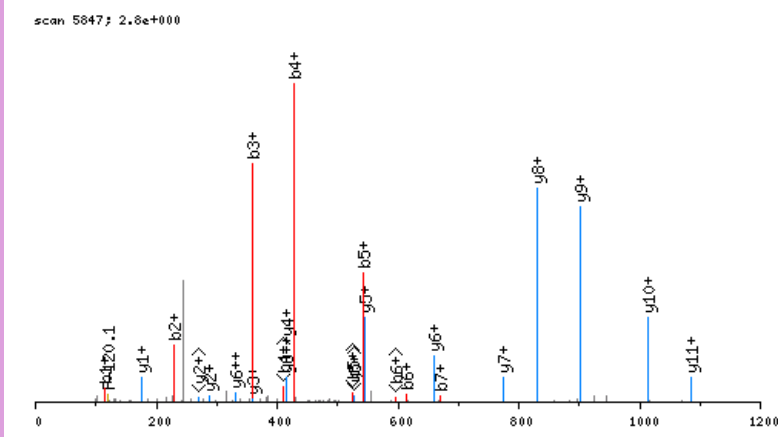
y + 2+ 3+

z + 2+ 3+

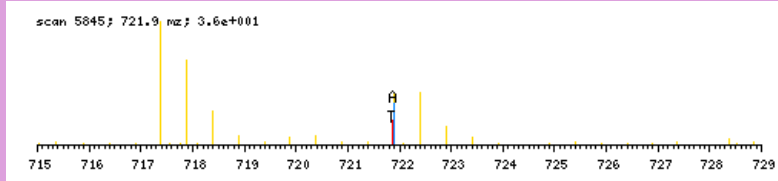
hide H₂O/NH₃

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⁺
114.0555	1	A 14		
229.0825	2	D 13	1329.6650	665.3364
358.1251	3	E 12	1214.6381	607.8230
429.1622	4	A 11	1085.5955	543.3017
542.2462	5	L 10	1014.5584	507.7831
613.2833	6	A 9	901.4743	451.2411
670.3048	7	G 8	830.4372	415.7225
783.3889	8	L 7	773.4157	387.2118
898.4158	9	D 6	660.3317	330.6698
1027.4584	10	E 5	545.3047	273.1563
1084.4799	11	G 4	416.2621	208.6350
1155.5170	12	A 3	359.2407	180.1243
1268.6010	13	L 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+43.02

AEDGEIGHPSAPHR, MH+ 1629.7257, m/z 543.9134
 H OS G27 P150811 220811-s1.02671.02671.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

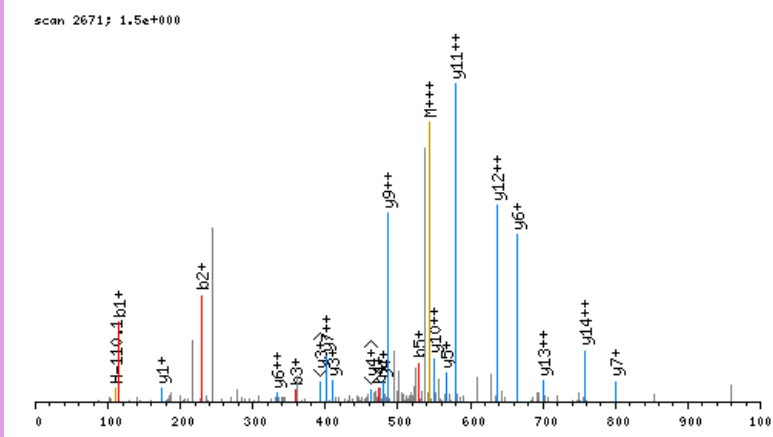
y + 2+ 3+

z + 2+ 3+

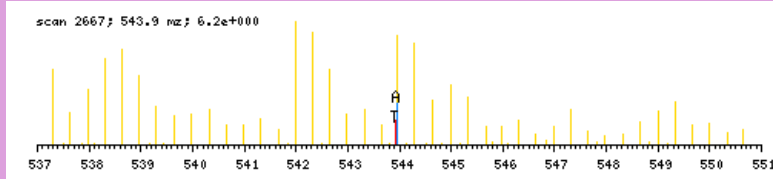
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 15		
229.0825	2	D 14	1516.6781	758.8429
358.1251	3	E 13	1401.6511	701.3295
473.1520	4	D 12	1272.6085	636.8082
530.1735	5	G 11	1157.5816	579.2947
659.2160	6	E 10	1100.5601	550.7840
716.2375	7	G 9	971.5175	486.2627
829.3216	8	I 8	914.4961	457.7519
966.3805	9	H 7	801.4120	401.2099
1063.4333	10	P 6	664.3531	332.6805
1150.4653	11	S 5	567.3003	284.1541
1221.5024	12	A 4	480.2683	240.6381
1318.5552	13	P 3	409.2312	205.1195
1455.6141	14	H 2	312.1784	156.5931
	15	R 1	175.1195	88.0637

N-term:+43.02

ADEEKLPPGWEKR, MH+ 1652.8649, m/z 551.6265
 H OS G26 P150811 220811-s1.03541.03541.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

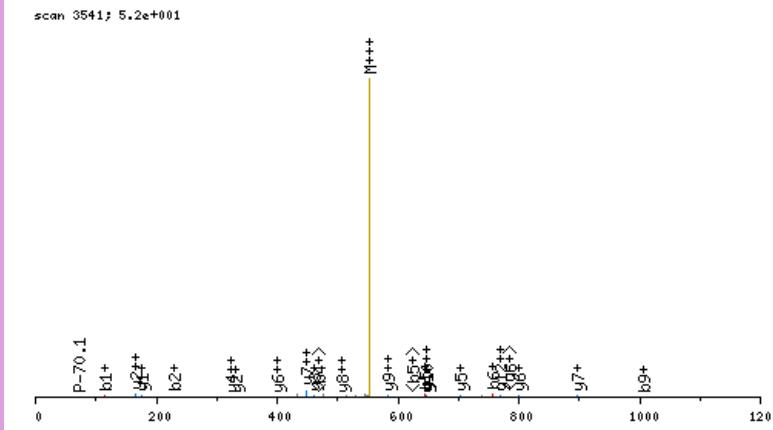
y + 2+ 3+

z + 2+ 3+

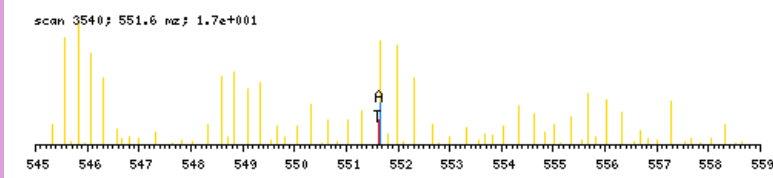
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A	13	
229.0825	2	D	12	1539.8172
358.1251	3	E	11	1424.7902
487.1676	4	E	10	1295.7477
643.2939	5	K	9	1166.7051
756.3780	6	L	8	1010.5788
853.4308	7	P	7	897.4947
950.4835	8	P	6	800.4419
1007.5050	9	G	5	703.3892
1193.5843	10	W	4	646.3677
1322.6269	11	E	3	460.2884
1478.7532	12	K	2	331.2458
	13	R	1	175.1195

N-term:+43.02 K(5):+156.13
 K(12):+156.13

ADEELEALR, MH+ 1087.5272, m/z 544.2672
 H OS G29 P150811 220811-s1.04214.04214.2.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+

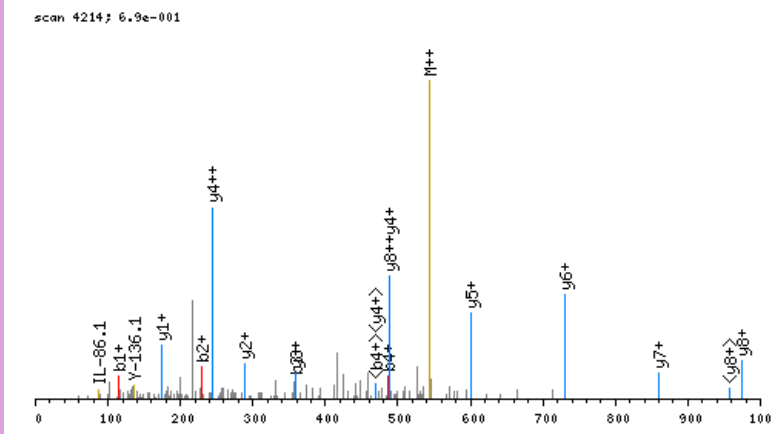
y + 2+ 3+

z + 2+ 3+

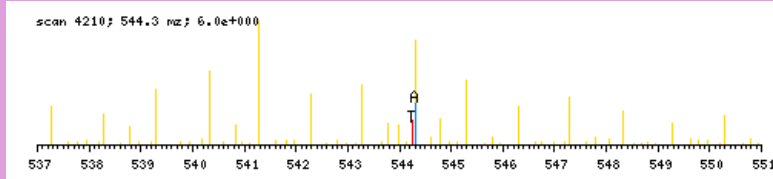
hide H₂O/NH₃

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⁺
114.0555	1	A 9		
229.0825	2	D 8	974.4795	487.7436
358.1251	3	E 7	859.4525	430.2302
487.1676	4	E 6	730.4099	365.7089
600.2517	5	L 5	601.3673	301.1876
729.2943	6	E 4	488.2833	244.6455
800.3314	7	A 3	359.2407	180.1243
913.4155	8	L 2	288.2036	144.6057
	9	R 1	175.1195	88.0637

N-term:+43.02

ADEIAKAQAQPPGGDTIFGKIIR, MH+ 2496.3827, m/z 624.8511
 H OS G27 P150811 220811-s1.07252.07252.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

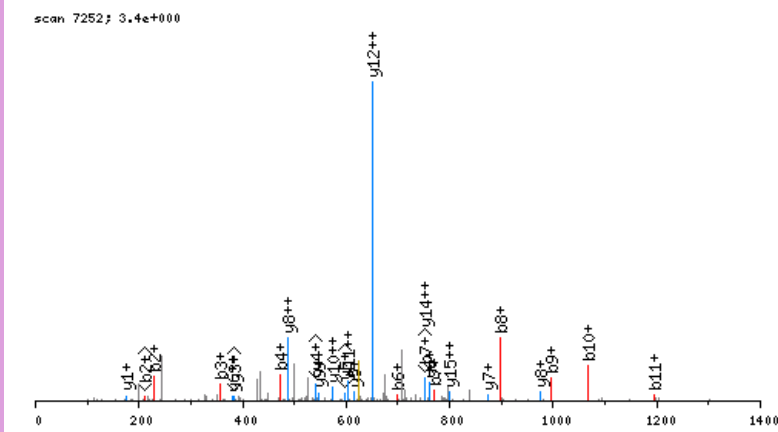
y + 2+ 3+

z + 2+ 3+

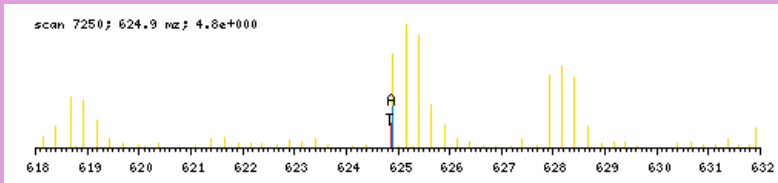
hide H₂O/NH₃

zoom 112-122

GO



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



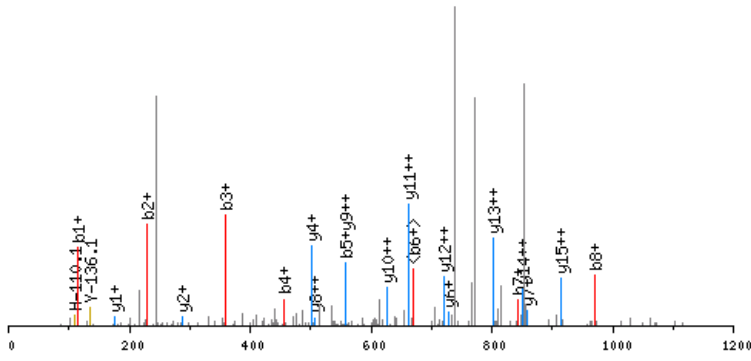
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	23		
229.0825	2	D	22	2383.3350	1192.1714
358.1251	3	E	21	2268.3081	1134.6579
471.2091	4	I	20	2139.2655	1070.1366
542.2462	5	A	19	2026.1814	1013.5946
698.3725	6	K	18	1955.1443	978.0761
769.4096	7	A	17	1799.0180	900.0129
897.4682	8	Q	16	1727.9809	864.4943
996.5366	9	V	15	1599.9223	800.4651
1067.5737	10	A	14	1500.8539	750.9308
1195.6323	11	Q	13	1429.8168	715.4123
1292.6851	12	P	12	1301.7582	651.3830
1349.7066	13	G	11	1204.7054	602.8566
1406.7280	14	G	10	1147.6840	574.3459
1521.7550	15	D	9	1090.6625	545.8352
1622.8026	16	T	8	975.6355	488.3217
1735.8867	17	I	7	874.5879	437.7978
1882.9551	18	F	6	761.5038	381.2558
1939.9766	19	G	5	614.4354	307.7216
2096.1029	20	K	4	557.4139	279.2109
2209.1869	21	I	3	401.2876	201.1477
2322.2710	22	I	2	288.2036	144.6057
	23	R	1	175.1195	88.0637

N-term:+43.02 K(6):+156.13
 K(20):+156.13

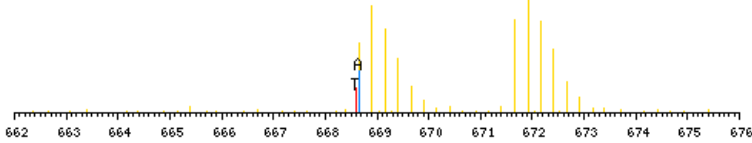
ADEVTEKQVYDAHTKEIDLVR, MH+ 2671.3580, m/z 668.5950
 H OS G27 P150811 220811-s1.05869.05869.4.dta

scan 5869; 1.6e+000



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

scan 5867; 668.6 m/z; 2.2e+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⁺
114.0555	1	A	22		
229.0825	2	D	21	2558.3103	1279.6591
358.1251	3	E	20	2443.2834	1222.1456
457.1935	4	V	19	2314.2408	1157.6243
558.2411	5	T	18	2215.1723	1108.0901
687.2837	6	E	17	2114.1247	1057.5662
843.4100	7	K	16	1985.0821	993.0449
971.4686	8	Q	15	1828.9558	914.9818
1070.5370	9	V	14	1700.8972	850.9525
1233.6004	10	Y	13	1601.8288	801.4183
1348.6273	11	D	12	1438.7655	719.8866
1419.6644	12	A	11	1323.7385	662.3732
1556.7233	13	H	10	1252.7014	626.8546
1657.7710	14	T	9	1115.6425	558.3252
1813.8973	15	K	8	1014.5948	507.8013
1942.9399	16	E	7	858.4685	429.7382
2056.0240	17	I	6	729.4259	365.2169
2171.0509	18	D	5	616.3418	308.6748
2284.1350	19	L	4	501.3149	251.1614
2383.2034	20	V	3	388.2308	194.6193
2497.2463	21	N	2	289.1624	145.0851
	22	R	1	175.1195	88.0637

N-term:+43.02 K(7):+156.13
 K(15):+156.13

ADFDTYDDR, MH+ 1159.4544, m/z 580.2308
 H OS G29 P150811 220811-s1.03669.03669.2.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+

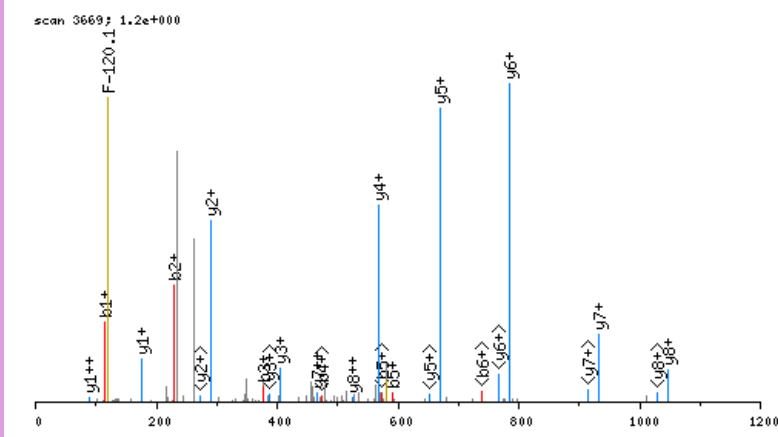
y + 2+ 3+

z + 2+ 3+

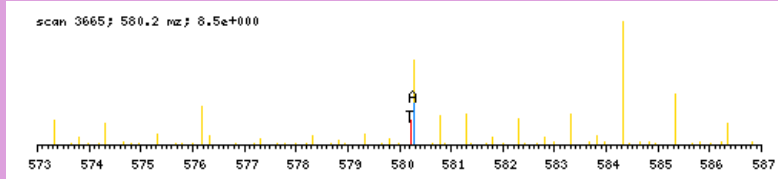
hide H₂O/NH₃

zoom 112-122

GO



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



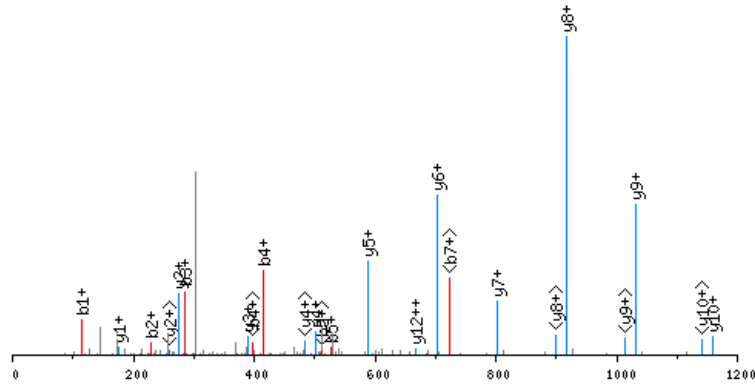
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A	9	
229.0825	2	D	8	1046.4067 523.7073
376.1509	3	F	7	931.3798 466.1938
491.1778	4	D	6	784.3113 392.6596
592.2255	5	T	5	669.2844 335.1461
755.2888	6	Y	4	568.2367 284.6223
870.3158	7	D	3	405.1734 203.0906
985.3427	8	D	2	290.1464 145.5771
	9	R	1	175.1195 88.0637

N-term:+43.02

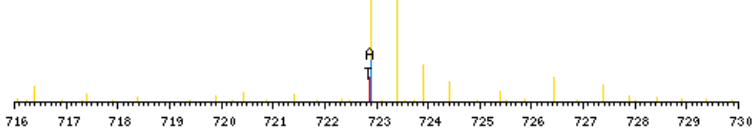
ADGELNVDSLIIR, MH+ 1444.7284, m/z 722.8678
 H OS G29 P150811 220811-s1.05942.05942.2.dta

scan 5942; 2.2e+000



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

scan 5940; 722.9 m/z; 9.5e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

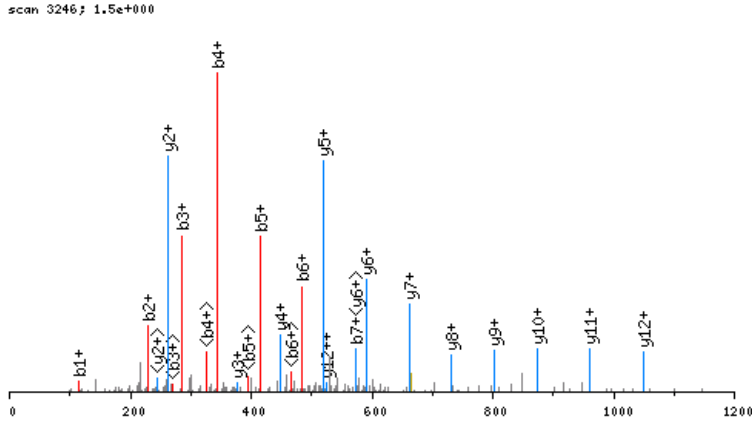
zoom 112-122

GO

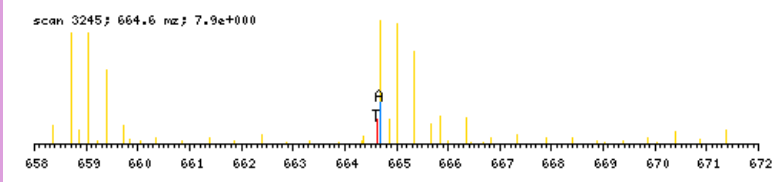
b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	13		
229.0825	2	D	12	1331.6807	666.3443
286.1039	3	G	11	1216.6537	608.8308
415.1465	4	E	10	1159.6323	580.3201
528.2306	5	L	9	1030.5897	515.7988
642.2735	6	N	8	917.5056	459.2567
741.3419	7	V	7	803.4627	402.2353
856.3689	8	D	6	704.3943	352.7011
943.4009	9	S	5	589.3673	295.1876
1056.4850	10	L	4	502.3353	251.6716
1169.5690	11	I	3	389.2512	195.1295
1270.6167	12	T	2	276.1672	138.5875
	13	R	1	175.1195	88.0637

N-term:+43.02

ADGGAASQDESSAAAAAADSR, MH+ 1991.8543, m/z 664.6229
 H OS G29 P150811 220811-s1.03246.03246.3.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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 22		
229.0825	2	D 21	1878.8066	939.9072
286.1039	3	G 20	1763.7796	882.3937
343.1254	4	G 19	1706.7582	853.8830
414.1625	5	A 18	1649.7367	825.3723
485.1996	6	A 17	1578.6996	789.8537
572.2316	7	S 16	1507.6625	754.3351
700.2902	8	Q 15	1420.6304	710.8191
815.3172	9	D 14	1292.5719	646.7898
944.3598	10	E 13	1177.5449	589.2764
1031.3918	11	S 12	1048.5023	524.7551
1118.4238	12	S 11	961.4703	481.2391
1189.4609	13	A 10	874.4383	437.7230
1260.4980	14	A 9	803.4012	402.2045
1331.5352	15	A 8	732.3640	366.6859
1402.5723	16	A 7	661.3269	331.1674
1473.6094	17	A 6	590.2898	295.6488
1544.6465	18	A 5	519.2527	260.1303
1615.6836	19	A 4	448.2156	224.6117
1730.7106	20	D 3	377.1785	189.0931
1817.7426	21	S 2	262.1515	131.5797
	22	R 1	175.1195	88.0637

N-term:+43.02

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

ADIDKLNIDSIIQR, MH+ 1689.9600, m/z 563.9915
 H OS G24 P150811 220811-s1.04863.04863.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

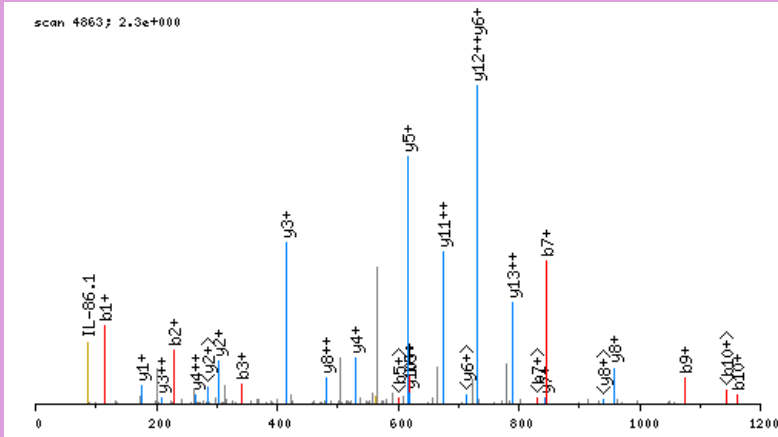
y + 2+ 3+

z + 2+ 3+

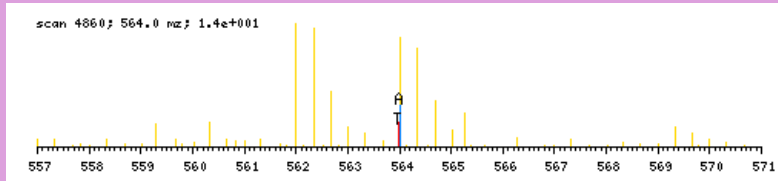
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 14		
229.0825	2	D 13	1576.9123	788.9601
342.1665	3	I 12	1461.8853	731.4466
457.1935	4	D 11	1348.8013	674.9046
619.3516	5	K 10	1233.7743	617.3911
732.4356	6	L 9	1071.6162	536.3120
846.4786	7	N 8	958.5322	479.7700
959.5626	8	I 7	844.4892	422.7485
1074.5896	9	D 6	731.4052	366.2065
1161.6216	10	S 5	616.3782	308.6930
1274.7057	11	I 4	529.3462	265.1770
1387.7897	12	I 3	416.2621	208.6350
1515.8483	13	Q 2	303.1781	152.0930
	14	R 1	175.1195	88.0637

N-term:+43.02 K(5):+162.16

ADKEAAFDDAVEER, MH+ 1641.7821, m/z 547.9322
 H OS G25 P150811 220811-s1.05068.05068.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

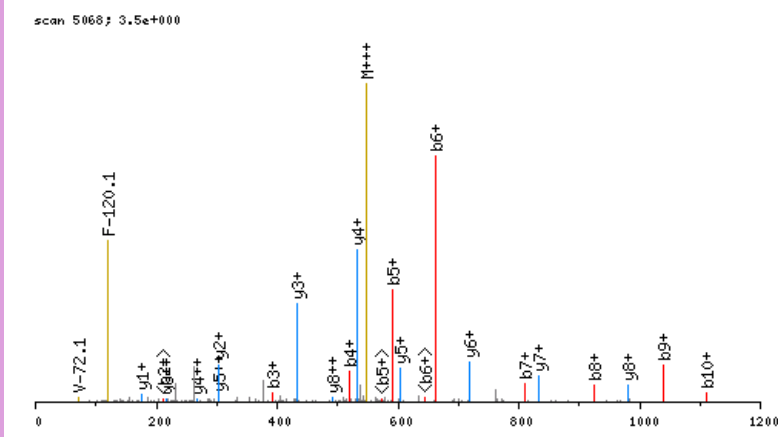
y + 2+ 3+

z + 2+ 3+

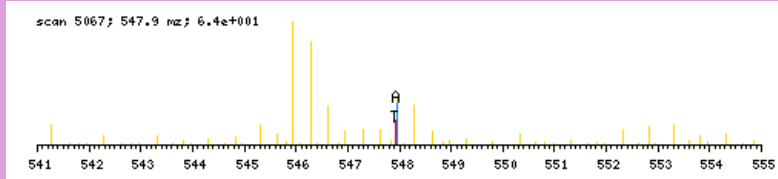
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 14		
229.0825	2	D 13	1528.7344	764.8711
391.2406	3	K 12	1413.7074	707.3576
520.2832	4	E 11	1251.5493	626.2786
591.3203	5	A 10	1122.5067	561.7573
662.3574	6	A 9	1051.4696	526.2387
809.4258	7	F 8	980.4325	490.7202
924.4527	8	D 7	833.3641	417.1860
1039.4797	9	D 6	718.3372	359.6725
1110.5168	10	A 5	603.3102	302.1590
1209.5852	11	V 4	532.2731	266.6405
1338.6278	12	E 3	433.2047	217.1063
1467.6704	13	E 2	304.1621	152.5850
	14	R 1	175.1195	88.0637

N-term:+43.02 K(3):+162.16

ADLEEQLSDEEKVR, MH+ 1736.8767, m/z 579.6304
 H OS G24 P150811 220811-s1.04020.04020.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

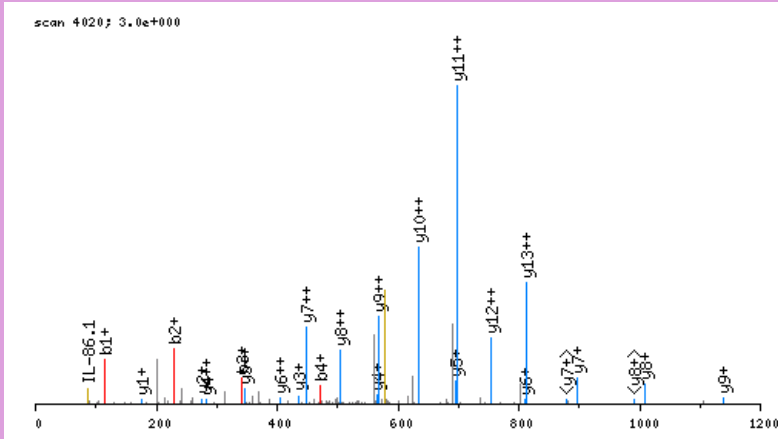
y + 2+ 3+

z + 2+ 3+

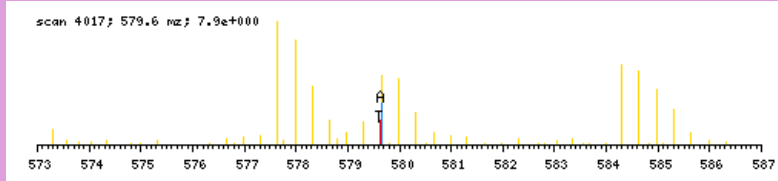
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 14		
229.0825	2	D 13	1623.8290	812.4184
342.1665	3	L 12	1508.8021	754.9049
471.2091	4	E 11	1395.7180	698.3629
600.2517	5	E 10	1266.6754	633.8416
728.3103	6	Q 9	1137.6328	569.3203
841.3943	7	L 8	1009.5742	505.2910
928.4264	8	S 7	896.4902	448.7490
1043.4533	9	D 6	809.4581	405.2330
1172.4959	10	E 5	694.4312	347.7195
1301.5385	11	E 4	565.3886	283.1982
1463.6966	12	K 3	436.3460	218.6769
1562.7650	13	V 2	274.1879	137.5979
	14	R 1	175.1195	88.0637

N-term:+43.02 K(12):+162.16

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

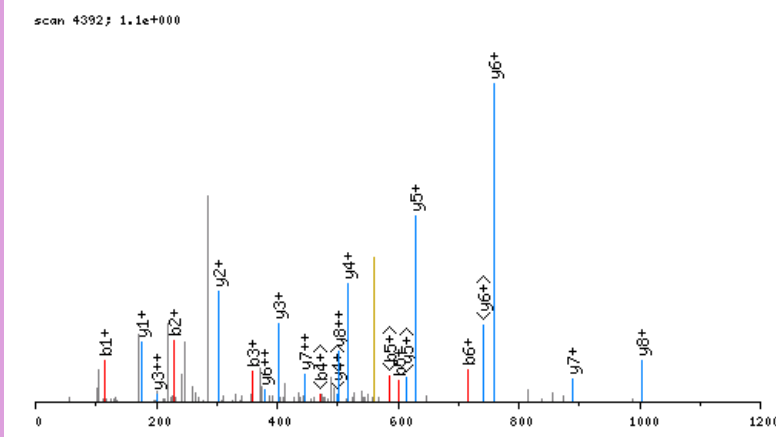
y + 2+ 3+

z + 2+ 3+

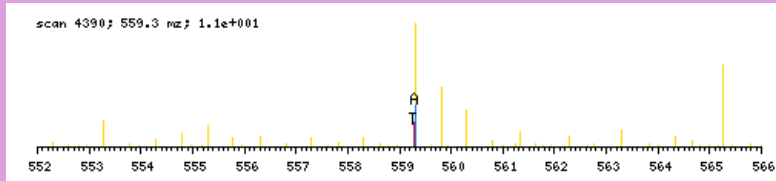
hide H₂O/NH₃

zoom 112-122

GO



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



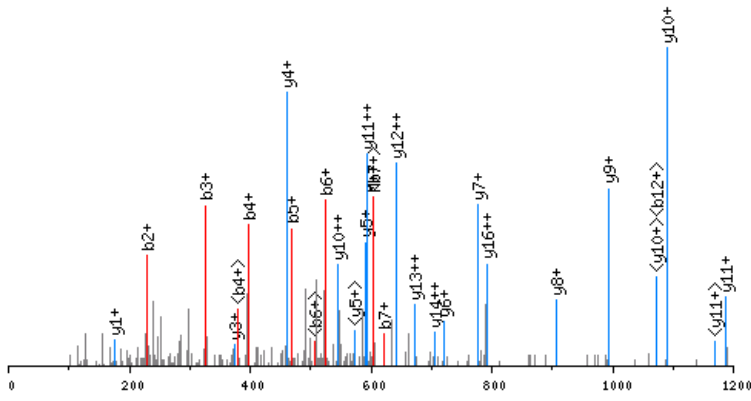
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 9		
229.0825	2	D 8	1004.4835	502.7457
360.1229	3	M 7	889.4566	445.2322
488.1815	4	Q 6	758.4161	379.7120
602.2244	5	N 5	630.3575	315.6827
715.3085	6	L 4	516.3146	258.6612
814.3769	7	V 3	403.2305	202.1192
943.4195	8	E 2	304.1621	152.5850
	9	R 1	175.1195	88.0637

N-term:+43.02

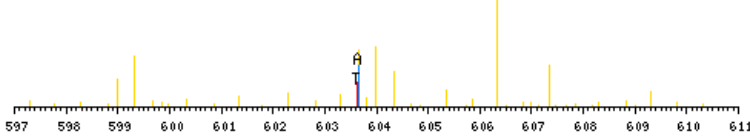
ADPAAGPPPSEGEESTVR, MH+ 1808.8303, m/z 603.6149
 H OS G29 P150811 220811-s1.02949.02949.3.dta

scan 2949; 6.6e-001



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

scan 2945; 603.6 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⁺
114.0555	1	A	18		
229.0825	2	D	17	1695.7826	848.3952
326.1352	3	P	16	1580.7556	790.8817
397.1723	4	A	15	1483.7029	742.3554
468.2094	5	A	14	1412.6658	706.8368
525.2309	6	G	13	1341.6286	671.3182
622.2837	7	P	12	1284.6072	642.8075
719.3364	8	P	11	1187.5544	594.2811
816.3892	9	P	10	1090.5017	545.7547
903.4212	10	S	9	993.4489	497.2284
1032.4638	11	E	8	906.4169	453.7123
1089.4853	12	G	7	777.3743	389.1910
1218.5279	13	E	6	720.3528	360.6803
1347.5705	14	E	5	591.3102	296.1590
1434.6025	15	S	4	462.2676	231.6377
1535.6502	16	T	3	375.2356	188.1217
1634.7186	17	V	2	274.1879	137.5979
	18	R	1	175.1195	88.0637

N-term:+43.02

ADPEPWSQIGR, MH+ 1384.6497, m/z 692.8285
 H OS G29 P150811 220811-s1.05079.05079.2.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+

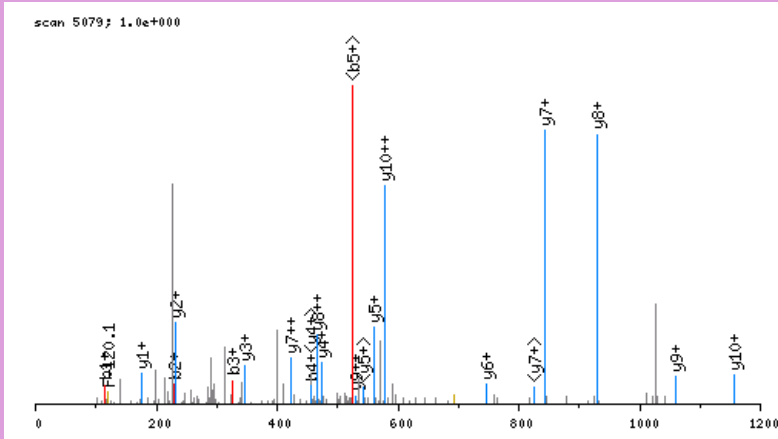
y + 2+ 3+

z + 2+ 3+

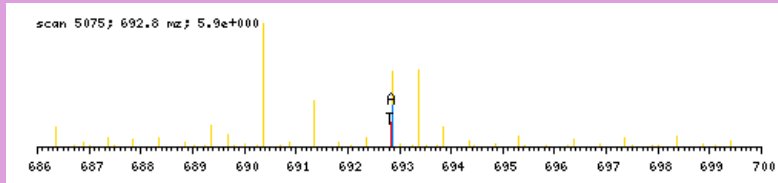
hide H₂O/NH₃

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⁺
114.0555	1	A 12		
229.0825	2	D 11	1271.6020	636.3049
326.1352	3	P 10	1156.5751	578.7915
455.1778	4	E 9	1059.5223	530.2651
542.2098	5	S 8	930.4797	465.7438
639.2626	6	P 7	843.4477	422.2278
825.3419	7	W 6	746.3949	373.7014
912.3739	8	S 5	560.3156	280.6617
1040.4325	9	Q 4	473.2836	237.1457
1153.5166	10	I 3	345.2250	173.1164
1210.5381	11	G 2	232.1410	116.5744
	12	R 1	175.1195	88.0637

N-term:+43.02

ADPKYADLPGIAR, MH+ 1456.7801, m/z 486.2649
 H OS G24 P150811 220811-s1.03829.03829.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

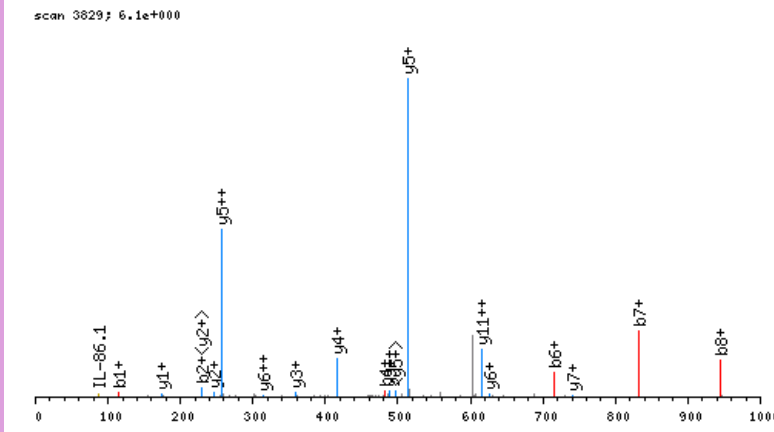
y + 2+ 3+

z + 2+ 3+

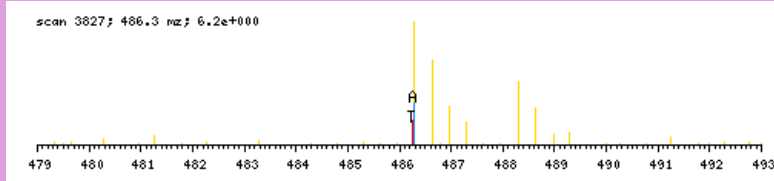
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 13		
229.0825	2	D 12	1343.7324	672.3701
326.1352	3	P 11	1228.7054	614.8566
482.2615	4	K 10	1131.6527	566.3302
645.3248	5	Y 9	975.5264	488.2671
716.3620	6	A 8	812.4630	406.7354
831.3889	7	D 7	741.4259	371.2169
944.4730	8	L 6	626.3990	313.7034
1041.5257	9	P 5	513.3149	257.1614
1098.5472	10	G 4	416.2621	208.6350
1211.6313	11	I 3	359.2407	180.1243
1282.6684	12	A 2	246.1566	123.5822
	13	R 1	175.1195	88.0637

N-term:+43.02 K(4):+156.13

ADQGAMAAADIAR, MH+ 1302.6112, m/z 651.8093
 H OS G29 P150811 220811-s1.04042.04042.2.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+

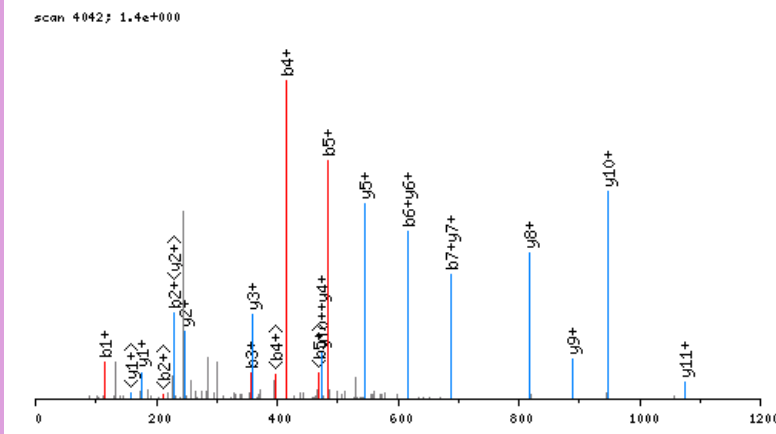
y + 2+ 3+

z + 2+ 3+

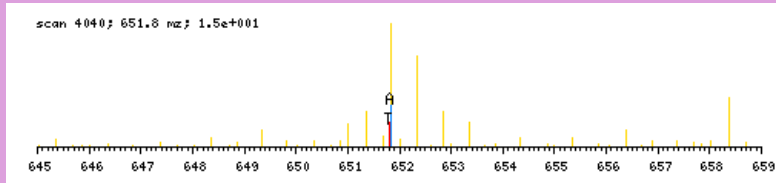
hide H₂O/NH₃

zoom 112-122

GO



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



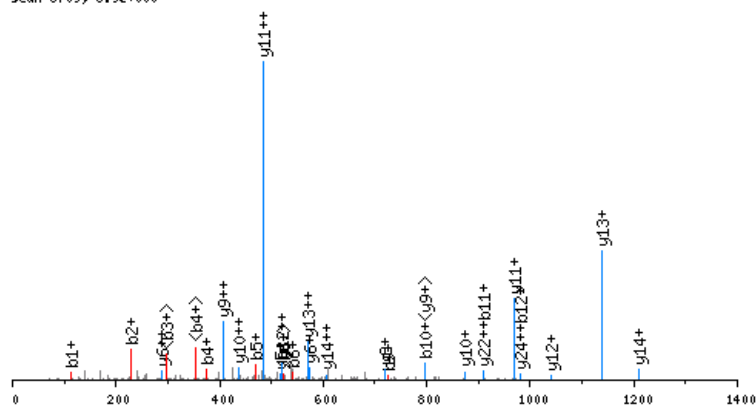
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 13		
229.0825	2	D 12	1189.5635	595.2857
357.1410	3	Q 11	1074.5366	537.7722
414.1625	4	G 10	946.4780	473.7429
485.1996	5	A 9	889.4566	445.2322
616.2401	6	M 8	818.4194	409.7136
687.2772	7	A 7	687.3790	344.1934
758.3143	8	A 6	616.3418	308.6748
829.3514	9	A 5	545.3047	273.1563
944.3784	10	D 4	474.2676	237.6377
1057.4624	11	I 3	359.2407	180.1243
1128.4996	12	A 2	246.1566	123.5822
	13	R 1	175.1195	88.0637

N-term:+43.02

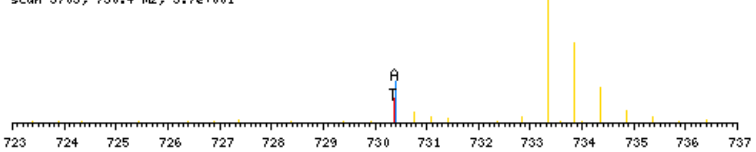
ADSGPAGGAALAAPAPGPGSGSTGPR, MH+ 2189.0587, m/z 730.3578
 H OS G29 P150811 220811-s1.03709.03709.3.dta

scan 3709; 3.9e+000



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

scan 3705; 730.4 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⁺
114.0555	1	A 26		
229.0825	2	D 25	2076.0110	1038.5094
316.1145	3	S 24	1960.9841	980.9960
373.1359	4	G 23	1873.9520	937.4799
470.1887	5	P 22	1816.9306	908.9692
541.2258	6	A 21	1719.8778	860.4428
598.2473	7	G 20	1648.8407	824.9243
655.2688	8	G 19	1591.8192	796.4135
726.3059	9	A 18	1534.7978	767.9028
797.3430	10	A 17	1463.7607	732.3842
910.4270	11	L 16	1392.7236	696.8657
981.4642	12	A 15	1279.6395	640.3237
1052.5013	13	A 14	1208.6024	604.8051
1149.5540	14	P 13	1137.5653	569.2865
1220.5912	15	A 12	1040.5125	520.7602
1317.6439	16	P 11	969.4754	485.2416
1374.6654	17	G 10	872.4226	436.7152
1471.7181	18	P 9	815.4012	408.2045
1528.7396	19	G 8	718.3484	359.6781
1615.7716	20	S 7	661.3269	331.1674
1672.7931	21	G 6	574.2949	287.6514
1759.8251	22	S 5	517.2734	259.1406
1860.8728	23	T 4	430.2414	215.6246
1917.8943	24	G 3	329.1937	165.1008
2014.9470	25	P 2	272.1723	136.5900
	26	R 1	175.1195	88.0637

N-term:+43.02

ADTAPQLKR, MH+ 1069.6006, m/z 535.3040
 H OS G25 P150811 220811-s1.02534.02534.2.dta

scan 2534; 3.0e+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+

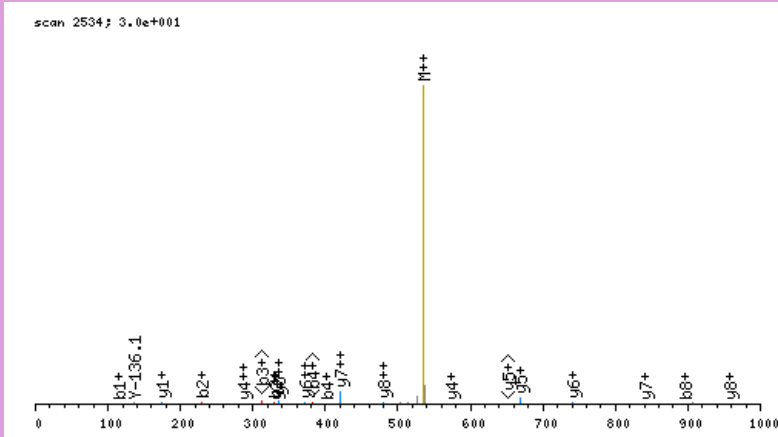
y + 2+ 3+

z + 2+ 3+

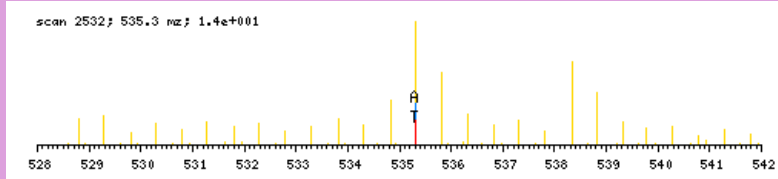
hide H₂O/NH₃

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⁺
114.0555	1	A	9	
229.0825	2	D	8	956.5529 478.7804
330.1301	3	T	7	841.5260 421.2669
401.1672	4	A	6	740.4783 370.7431
498.2200	5	P	5	669.4412 335.2245
626.2786	6	Q	4	572.3884 286.6981
739.3627	7	L	3	444.3299 222.6688
895.4890	8	K	2	331.2458 166.1268
	9	R	1	175.1195 88.0637

N-term: +43.02 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+

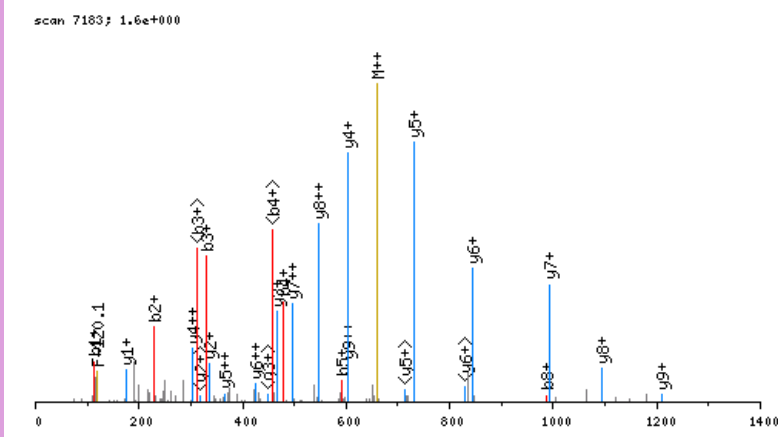
y + 2+ 3+

z + 2+ 3+

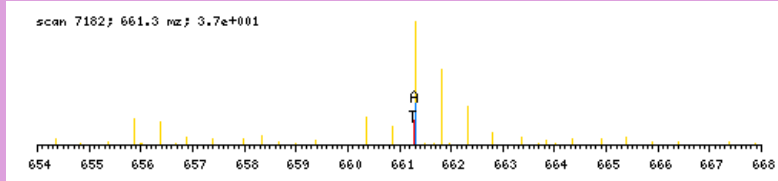
hide H₂O/NH₃

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⁺
114.0555	1	A	10		
229.0825	2	D	9	1208.5192	604.7635
330.1301	3	T	8	1093.4922	547.2500
477.1985	4	F	7	992.4446	496.7262
590.2826	5	L	6	845.3762	423.1920
719.3252	6	E	5	732.2921	366.6500
856.3841	7	H	4	603.2495	302.1287
987.4246	8	M	3	466.1906	233.5992
1147.4552	9	C	2	335.1501	168.0790
	10	R	1	175.1195	88.0637

N-term:+43.02 C(9):+160.03

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

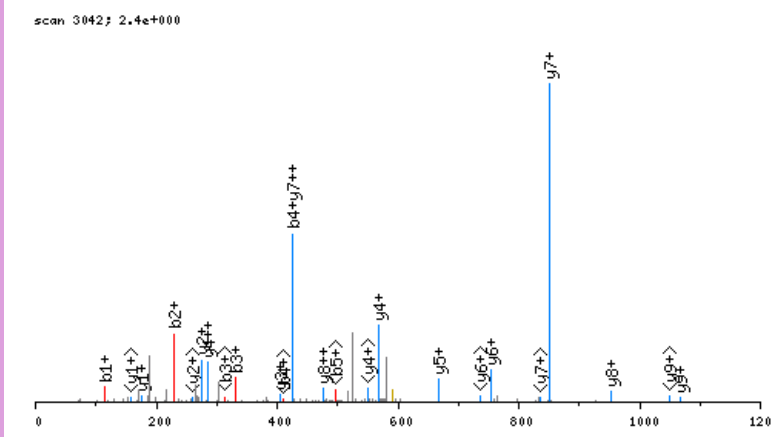
y + 2+ 3+

z + 2+ 3+

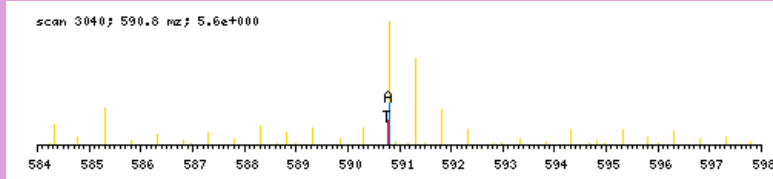
hide H₂O/NH₃

zoom 112-122

GO



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



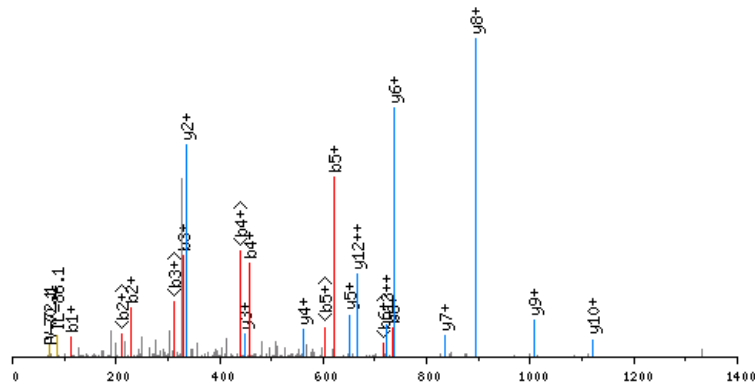
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A	10	
229.0825	2	D	9	1067.5009 534.2544
330.1301	3	T	8	952.4740 476.7409
427.1829	4	P	7	851.4263 426.2171
514.2149	5	S	6	754.3735 377.6907
613.2833	6	V	5	667.3415 334.1747
776.3467	7	Y	4	568.2731 284.6405
905.3893	8	E	3	405.2098 203.1088
1006.4369	9	T	2	276.1672 138.5875
	10	R	1	175.1195 88.0637

N-term:+43.02

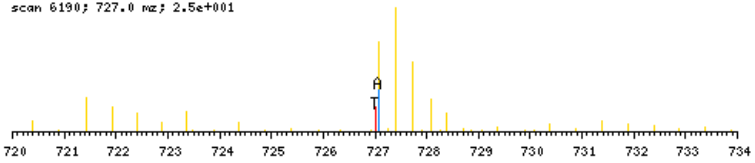
ADTQYILPNDIGVSSLDGR, MH+ 2179.0341, m/z 727.0162
 H OS G29 P150811 220811-s1.06193.06193.3.dta

scan 6193; 3.0e+000



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

scan 6190; 727.0 m/z; 2.5e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	19		
229.0825	2	D	18	2065.9864	1033.4971
330.1301	3	T	17	1950.9595	975.9836
458.1887	4	Q	16	1849.9118	925.4598
621.2520	5	Y	15	1721.8532	861.4305
734.3361	6	I	14	1558.7899	779.8988
847.4202	7	L	13	1445.7058	723.3568
944.4729	8	P	12	1332.6217	666.8148
1058.5159	9	N	11	1235.5690	618.2884
1173.5428	10	D	10	1121.5260	561.2669
1286.6269	11	I	9	1006.4991	503.7535
1343.6483	12	G	8	893.4150	447.2114
1442.7167	13	V	7	836.3936	418.7007
1529.7488	14	S	6	737.3252	369.1665
1616.7808	15	S	5	650.2931	325.6505
1729.8649	16	L	4	563.2611	282.1345
1844.8918	17	D	3	450.1770	225.5924
2004.9224	18	C	2	335.1501	168.0790
	19	R	1	175.1195	88.0637

N-term:+43.02 C(18):+160.03

ADVSVDSKLPVKEVCR, MH+ 2097.1651, m/z 699.7265
 H OS G26 P150811 220811-s1.04429.04429.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

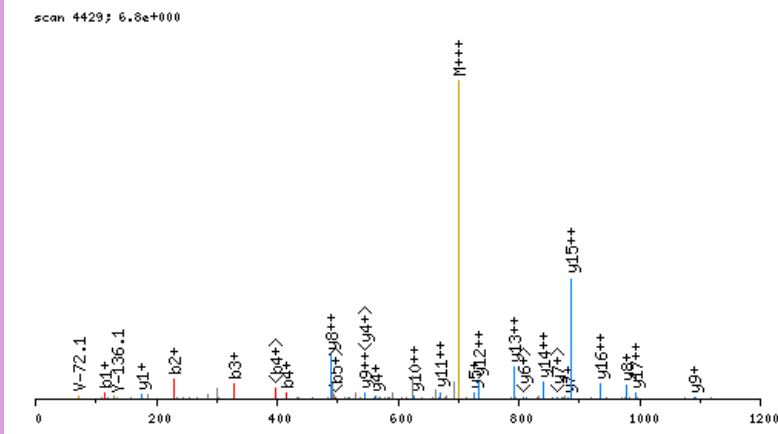
y + 2+ 3+

z + 2+ 3+

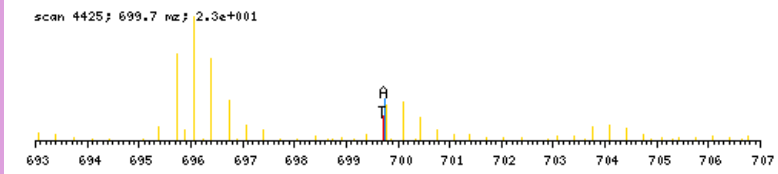
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 18		
229.0825	2	D 17	1984.1174	992.5626
328.1509	3	V 16	1869.0904	935.0491
415.1829	4	S 15	1770.0220	885.5149
514.2513	5	V 14	1682.9900	841.9989
629.2783	6	D 13	1583.9216	792.4647
757.3368	7	Q 12	1468.8946	734.9512
844.3689	8	S 11	1340.8360	670.9219
1006.5270	9	K 10	1253.8040	627.4059
1119.6110	10	L 9	1091.6459	546.3269
1216.6638	11	P 8	978.5618	489.7848
1273.6853	12	G 7	881.5091	441.2585
1372.7537	13	V 6	824.4876	412.7477
1534.9118	14	K 5	725.4192	363.2135
1663.9544	15	E 4	563.2611	282.1345
1763.0228	16	V 3	434.2185	217.6132
1923.0534	17	C 2	335.1501	168.0790
	18	R 1	175.1195	88.0637

N-term:+43.02 K(9):+162.16
 K(14):+162.16 C(17):+160.03

ADVVPANDSTASQDVANR, MH+ 1935.8684, m/z 645.9610
 H OS G29 P150811 220811-s1.03431.03431.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

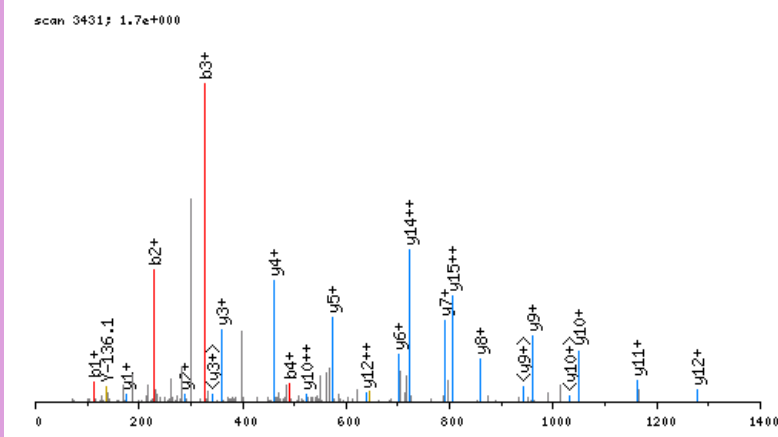
y + 2+ 3+

z + 2+ 3+

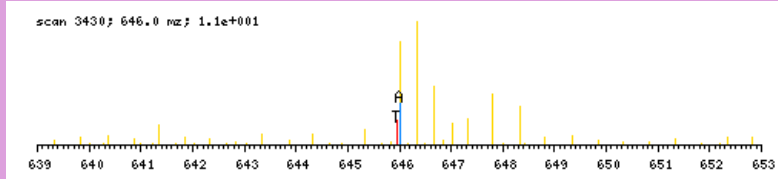
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	18		
229.0825	2	D	17	1822.8208	911.9143
328.1509	3	V	16	1707.7938	854.4008
491.2142	4	Y	15	1608.7254	804.8666
588.2670	5	P	14	1445.6621	723.3349
659.3041	6	A	13	1348.6093	674.8086
773.3470	7	N	12	1277.5722	639.2900
888.3739	8	D	11	1163.5293	582.2685
975.4060	9	S	10	1048.5023	524.7551
1076.4537	10	T	9	961.4703	481.2391
1147.4908	11	A	8	860.4226	430.7152
1234.5228	12	S	7	789.3855	395.1967
1362.5814	13	Q	6	702.3535	351.6807
1477.6083	14	D	5	574.2949	287.6514
1576.6767	15	V	4	459.2680	230.1379
1647.7138	16	A	3	360.1995	180.6037
1761.7568	17	N	2	289.1624	145.0851
	18	R	1	175.1195	88.0637

N-term:+43.02

AEAAIDPR, MH+ 884.4478, m/z 442.7275
 H OS G29 P150811 220811-s1.02883.02883.2.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+

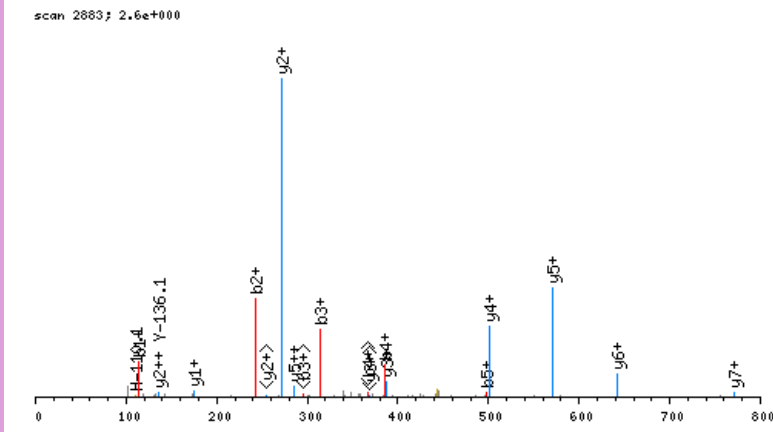
y + 2+ 3+

z + 2+ 3+

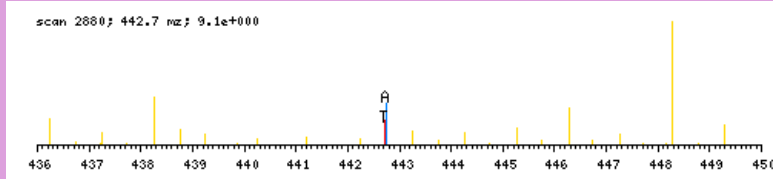
hide H₂O/NH₃

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⁺
114.0555	1	A 8		
243.0981	2	E 7	771.4001	386.2040
314.1352	3	A 6	642.3575	321.6827
385.1723	4	A 5	571.3204	286.1641
498.2564	5	I 4	500.2833	250.6455
613.2833	6	D 3	387.1992	194.1035
710.3361	7	P 2	272.1723	136.5900
	8	R 1	175.1195	88.0637

N-term:+43.02

AEAALLLPPEAAAER, MH+ 1563.8383, m/z 782.4228
 H OS G29 P150811 220811-s1.06142.06142.2.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+

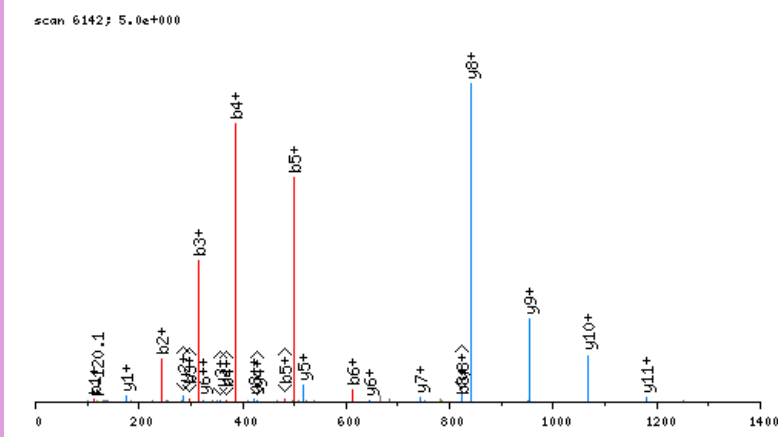
y + 2+ 3+

z + 2+ 3+

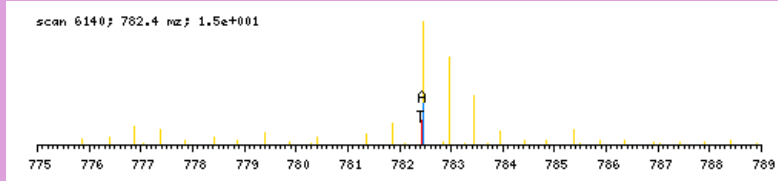
hide H₂O/NH₃

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⁺
114.0555	1	A	15	
243.0981	2	E	14	1450.7906
314.1352	3	A	13	1321.7480
385.1723	4	A	12	1250.7109
498.2564	5	L	11	1179.6737
611.3405	6	L	10	1066.5897
724.4245	7	L	9	953.5056
821.4773	8	P	8	840.4216
918.5301	9	P	7	743.3688
1047.5726	10	E	6	646.3160
1118.6098	11	A	5	517.2734
1189.6469	12	A	4	446.2363
1260.6840	13	A	3	375.1992
1389.7266	14	E	2	304.1621
	15	R	1	175.1195

N-term:+43.02

AEAEAAQLKEEGNR, MH+ 1585.7822, m/z 529.2656
 H OS G25 P150811 220811-s1.04056.04056.3.dta

scan 4056; 8.5e+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+

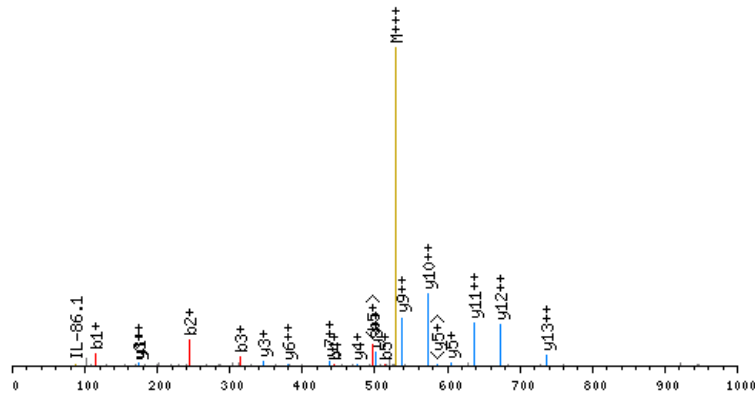
y + 2+ 3+

z + 2+ 3+

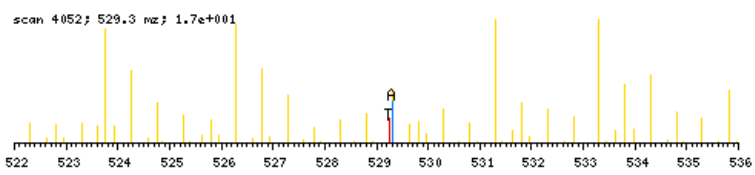
hide H₂O/NH₃

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⁺
114.0555	1	A 14		
243.0981	2	E 13	1472.7345	736.8712
314.1352	3	A 12	1343.6920	672.3499
443.1778	4	E 11	1272.6548	636.8313
514.2149	5	A 10	1143.6122	572.3100
585.2520	6	A 9	1072.5751	536.7915
713.3106	7	Q 8	1001.5380	501.2729
826.3947	8	L 7	873.4794	437.2436
982.5210	9	K 6	760.3954	380.7016
1111.5636	10	E 5	604.2691	302.6385
1240.6062	11	E 4	475.2265	238.1172
1297.6276	12	G 3	346.1839	173.5959
1411.6706	13	N 2	289.1624	145.0851
	14	R 1	175.1195	88.0637

N-term:+43.02 K(9):+156.13

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

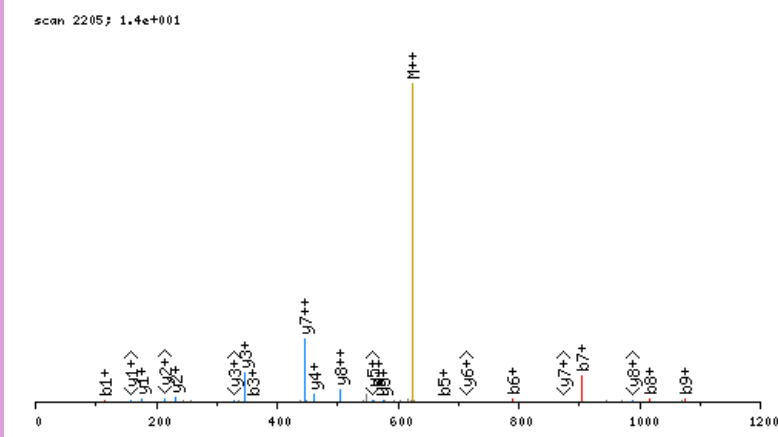
y + 2+ 3+

z + 2+ 3+

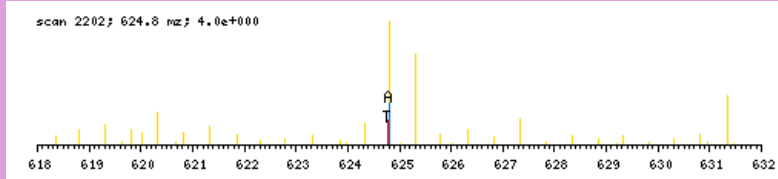
hide H₂O/NH₃

zoom 112-122

GO



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



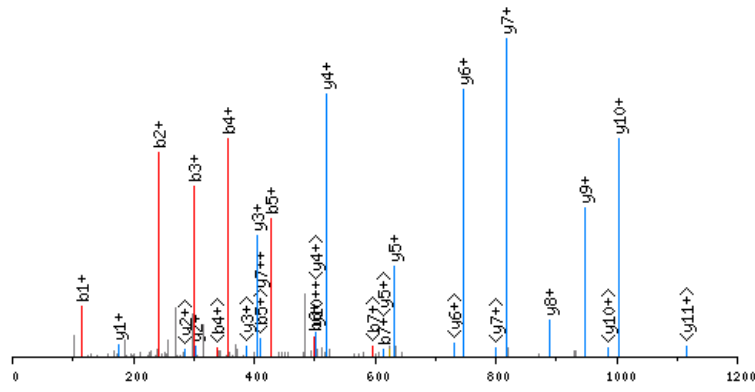
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 10		
243.0981	2	E 9	1135.4802	568.2440
358.1251	3	D 8	1006.4376	503.7227
518.1557	4	C 7	891.4106	446.2092
674.2568	5	R 6	731.3800	366.1939
789.2837	6	D 5	575.2789	288.1434
904.3106	7	D 4	460.2520	230.6299
1017.3947	8	I 3	345.2250	173.1164
1074.4162	9	G 2	232.1410	116.5744
	10	R 1	175.1195	88.0637

N-term:+43.02 C(4):+160.03

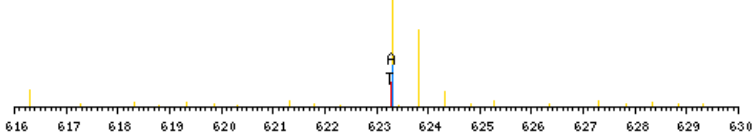
AEGGAADLDTQR, MH+ 1245.5711, m/z 623.2892
 H OS G29 P150811 220811-s1.02727.02727.2.dta

scan 2727; 1.2e+000



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

scan 2726; 623.3 m/z; 3.8e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	12		
243.0981	2	E	11	1132.5235	566.7656
300.1196	3	G	10	1003.4809	502.2443
357.1410	4	G	9	946.4594	473.7336
428.1781	5	A	8	889.4379	445.2229
499.2153	6	A	7	818.4008	409.7043
614.2422	7	D	6	747.3637	374.1858
727.3263	8	L	5	632.3368	316.6723
842.3532	9	D	4	519.2527	260.1303
943.4009	10	T	3	404.2258	202.6168
1071.4595	11	Q	2	303.1781	152.0930
	12	R	1	175.1195	88.0637

N-term:+43.02

AEGQVLVLDGR, MH+ 1198.6432, m/z 599.8252
 H OS G29 P150811 220811-s1.04882.04882.2.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+

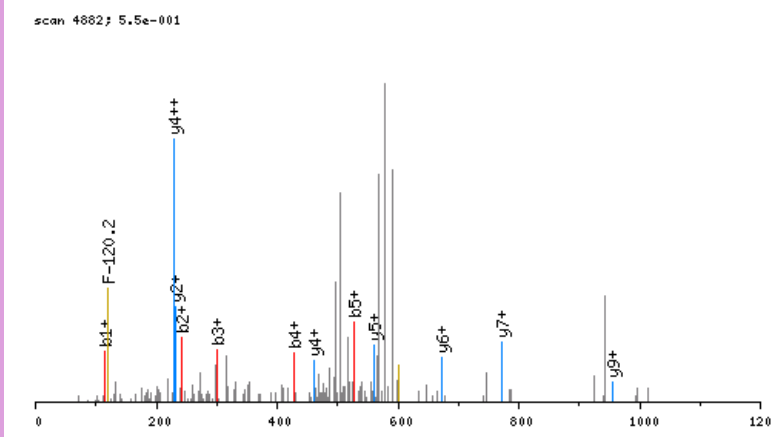
y + 2+ 3+

z + 2+ 3+

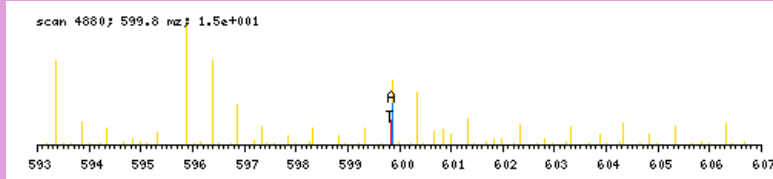
hide H₂O/NH₃

zoom 112-122

GO



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



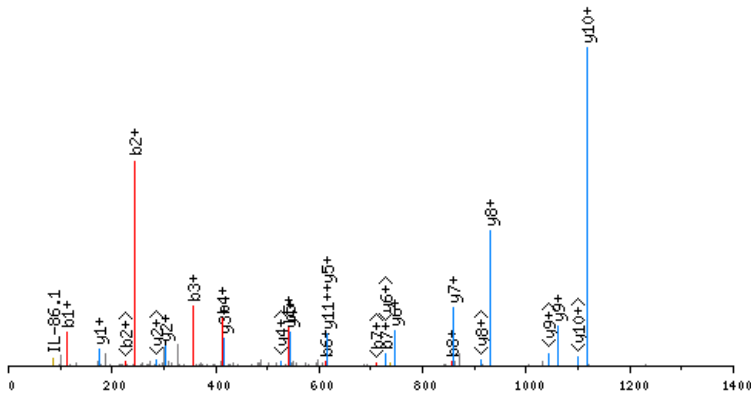
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 11		
243.0981	2	E 10	1085.5955	543.3017
300.1196	3	G 9	956.5529	478.7804
428.1781	4	Q 8	899.5314	450.2696
527.2466	5	V 7	771.4729	386.2403
640.3306	6	L 6	672.4044	336.7061
739.3990	7	V 5	559.3204	280.1641
852.4831	8	L 4	460.2520	230.6299
967.5100	9	D 3	347.1679	174.0879
1024.5315	10	G 2	232.1410	116.5744
	11	R 1	175.1195	88.0637

N-term:+43.02

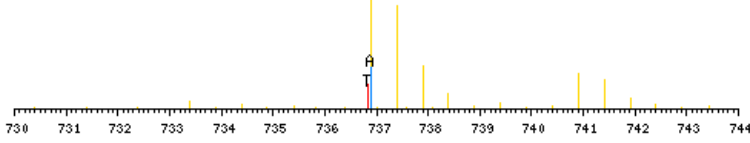
AELGEADEAELQR, MH+ 1472.6869, m/z 736.8471
 H OS G29 P150811 220811-s1.04143.04143.2.dta

scan 4143; 3.6e+000



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

scan 4140; 736.8 m/z; 1.9e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

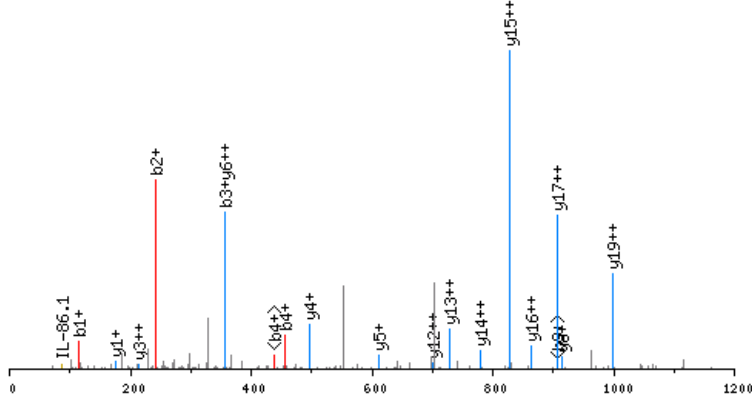
GO

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 13		
243.0981	2	E 12	1359.6392	680.3235
356.1822	3	L 11	1230.5966	615.8022
413.2036	4	G 10	1117.5126	559.2602
542.2462	5	E 9	1060.4911	530.7495
613.2833	6	A 8	931.4485	466.2282
728.3103	7	D 7	860.4114	430.7096
857.3529	8	E 6	745.3844	373.1961
928.3900	9	A 5	616.3418	308.6748
1057.4326	10	E 4	545.3047	273.1563
1170.5166	11	L 3	416.2621	208.6350
1298.5752	12	Q 2	303.1781	152.0930
	13	R 1	175.1195	88.0637

N-term:+43.02

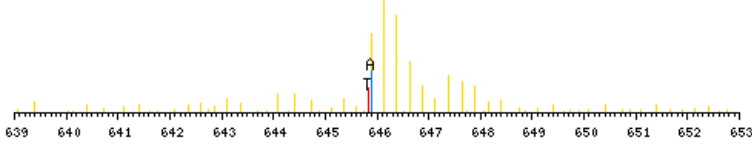
AELVQGSAPVGMKAEGFVDALHR, MH+ 2580.3245, m/z 645.8366
 H OS G26 P150811 220811-s1.06674.06674.4.dta

scan 6674; 2.7e+000



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

scan 6670; 645.8 mz; 7.9e+000



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

X-range:

0 - 0

MassTol: Y-zoom:

0. 1.

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 24		
243.0981	2	E 23	2467.2768	1234.1423
356.1822	3	L 22	2338.2342	1169.6210
455.2506	4	V 21	2225.1501	1113.0790
583.3092	5	Q 20	2126.0817	1063.5448
640.3306	6	G 19	1998.0231	999.5155
768.3892	7	Q 18	1941.0017	971.0048
855.4212	8	S 17	1812.9431	906.9755
926.4583	9	A 16	1725.9111	863.4594
1023.5111	10	P 15	1654.8740	827.9409
1122.5795	11	V 14	1557.8212	779.4145
1179.6010	12	G 13	1458.7528	729.8803
1310.6415	13	M 12	1401.7313	701.3696
1466.7678	14	K 11	1270.6908	635.8493
1537.8049	15	A 10	1114.5645	557.7862
1666.8475	16	E 9	1043.5274	522.2676
1723.8689	17	G 8	914.4848	457.7463
1870.9374	18	F 7	857.4634	429.2356
1970.0058	19	V 6	710.3949	355.7014
2085.0327	20	D 5	611.3265	306.1672
2156.0698	21	A 4	496.2996	248.6537
2269.1539	22	L 3	425.2625	213.1352
2406.2128	23	H 2	312.1784	156.5931
	24	R 1	175.1195	88.0637

N-term:+43.02 K(14):+156.13

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

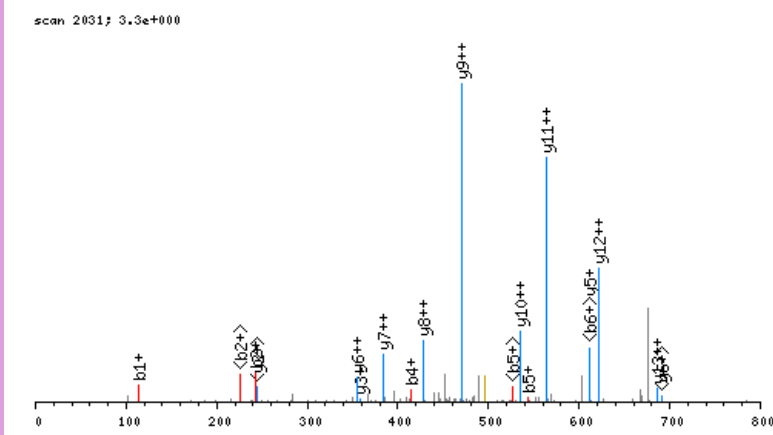
y + 2+ 3+

z + 2+ 3+

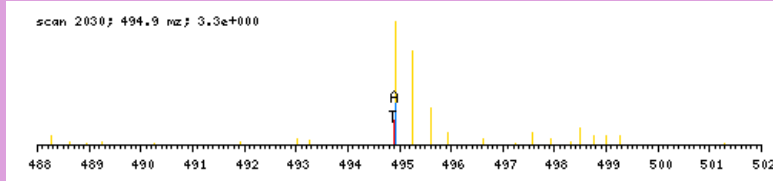
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 14		
243.0981	2	E 13	1369.6460	685.3269
357.1410	3	N 12	1240.6034	620.8056
414.1625	4	G 11	1126.5605	563.7842
543.2051	5	E 10	1069.5390	535.2734
630.2371	6	S 9	940.4965	470.7521
717.2691	7	S 8	853.4644	427.2361
774.2906	8	G 7	766.4324	383.7201
871.3434	9	P 6	709.4109	355.2094
968.3961	10	P 5	612.3582	306.6830
1124.4973	11	R 4	515.3054	258.1566
1221.5500	12	P 3	359.2043	180.1061
1308.5820	13	S 2	262.1515	131.5797
	14	R 1	175.1195	88.0637

N-term:+43.02

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

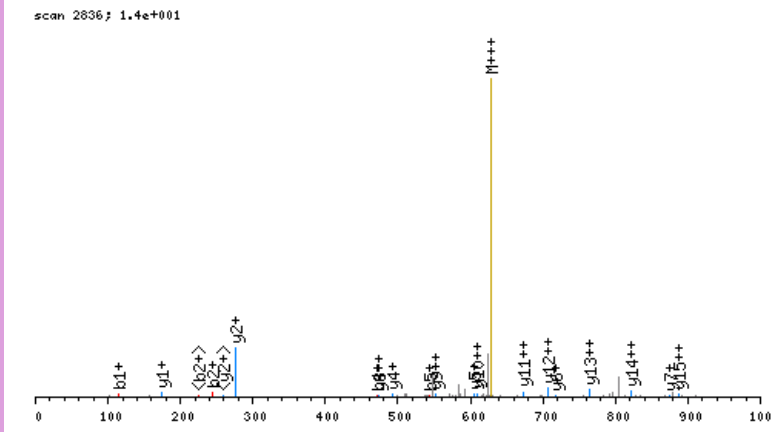
y + 2+ 3+

z + 2+ 3+

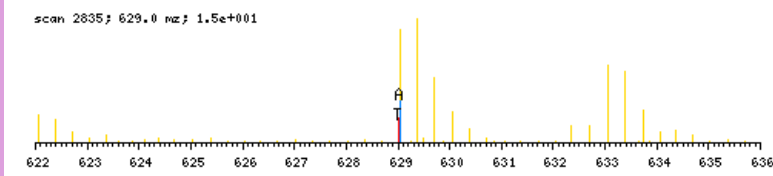
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 16		
243.0981	2	E 15	1771.9667	886.4873
357.1410	3	N 14	1642.9241	821.9660
471.1840	4	N 13	1528.8812	764.9445
542.2211	5	A 12	1414.8383	707.9230
670.2797	6	Q 11	1343.8011	672.4045
784.3226	7	N 10	1215.7426	608.3752
940.4489	8	K 9	1101.6996	551.3537
1011.4860	9	A 8	945.5733	473.2906
1167.6123	10	K 7	874.5362	437.7720
1280.6964	11	L 6	718.4099	359.7089
1393.7804	12	I 5	605.3259	303.1668
1480.8125	13	S 4	492.2418	246.6248
1609.8550	14	E 3	405.2098	203.1088
1710.9027	15	T 2	276.1672	138.5875
	16	R 1	175.1195	88.0637

N-term:+43.02 K(8):+156.13
 K(10):+156.13

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

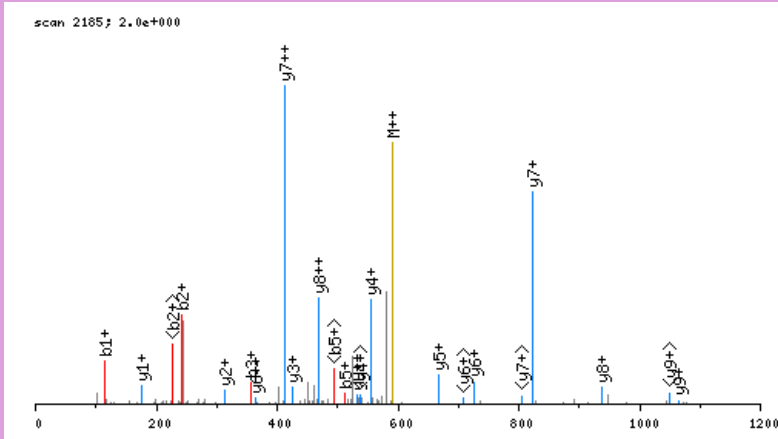
y + 2+ 3+

z + 2+ 3+

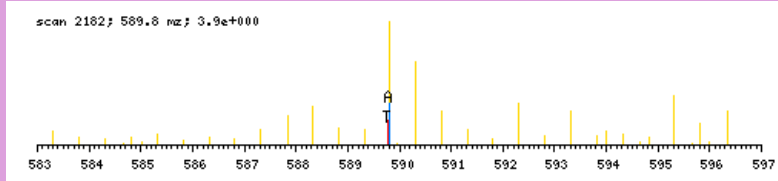
hide H₂O/NH₃

zoom 112-122

GO



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



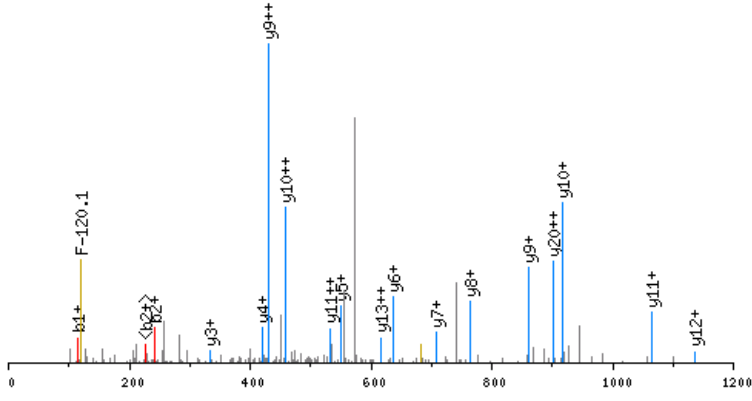
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A	10	
243.0981	2	E	9	1065.5077 533.2578
357.1410	3	N	8	936.4652 468.7365
454.1938	4	P	7	822.4222 411.7150
511.2153	5	G	6	725.3695 363.1886
624.2993	6	L	5	668.3480 334.6779
753.3419	7	E	4	555.2639 278.1359
867.3848	8	N	3	426.2213 213.6146
1004.4438	9	H	2	312.1784 156.5931
	10	R	1	175.1195 88.0637

N-term:+43.02

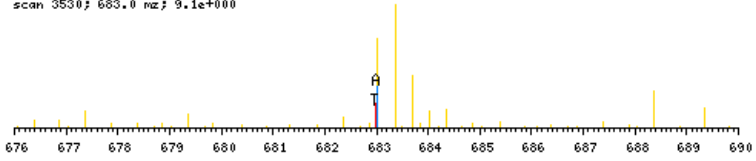
AEPGTGSGDPAFGPGASESGTR, MH+ 2046.9005, m/z 682.9717
 H OS G29 P150811 220811-s1.03531.03531.3.dta

scan 3531; 1.8e+000



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

scan 3530; 683.0 m/z; 9.1e+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⁺
114.0555	1	A 22		
243.0981	2	E 21	1933.8528	967.4303
340.1509	3	P 20	1804.8102	902.9090
397.1723	4	G 19	1707.7574	854.3826
498.2200	5	T 18	1650.7360	825.8719
555.2415	6	G 17	1549.6883	775.3481
642.2735	7	S 16	1492.6668	746.8373
699.2950	8	G 15	1405.6348	703.3213
814.3219	9	D 14	1348.6133	674.8106
911.3747	10	P 13	1233.5864	617.2971
982.4118	11	A 12	1136.5336	568.7707
1129.4802	12	F 11	1065.4965	533.2522
1186.5017	13	G 10	918.4281	459.7180
1283.5544	14	P 9	861.4066	431.2072
1340.5759	15	G 8	764.3539	382.6808
1411.6130	16	A 7	707.3324	354.1701
1498.6450	17	S 6	636.2953	318.6516
1627.6876	18	E 5	549.2633	275.1355
1714.7197	19	S 4	420.2207	210.6142
1771.7411	20	G 3	333.1886	167.0982
1872.7888	21	T 2	276.1672	138.5875
	22	R 1	175.1195	88.0637

N-term:+43.02

AEPWGNELASAAAR, MH+ 1484.7134, m/z 742.8603
 H OS G29 P150811 220811-s1.05464.05464.2.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+

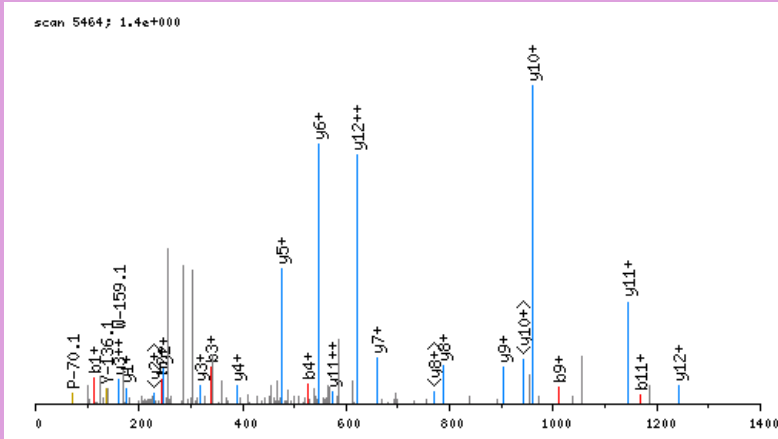
y + 2+ 3+

z + 2+ 3+

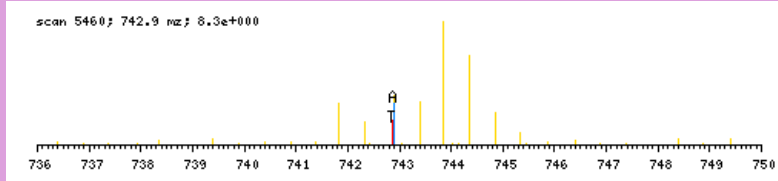
hide H₂O/NH₃

zoom 112-122

GO



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



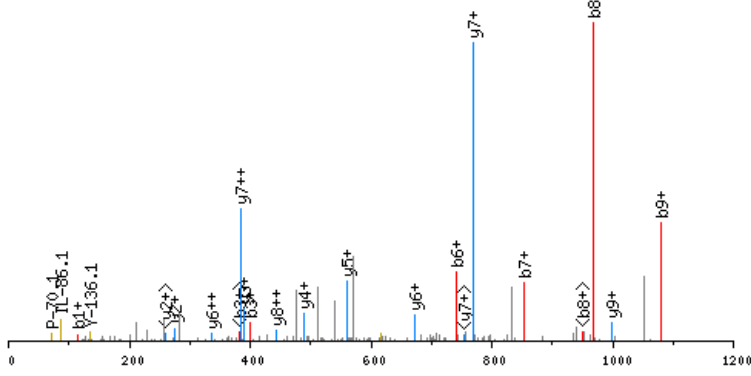
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 14		
243.0981	2	E 13	1371.6657	686.3368
340.1509	3	P 12	1242.6231	621.8155
526.2302	4	W 11	1145.5703	573.2891
583.2516	5	G 10	959.4910	480.2494
697.2946	6	N 9	902.4696	451.7387
826.3372	7	E 8	788.4266	394.7172
939.4212	8	L 7	659.3840	330.1959
1010.4583	9	A 6	546.3000	273.6539
1097.4904	10	S 5	475.2629	238.1353
1168.5275	11	A 4	388.2308	194.6193
1239.5646	12	A 3	317.1937	159.1008
1310.6017	13	A 2	246.1566	123.5822
	14	R 1	175.1195	88.0637

N-term:+43.02

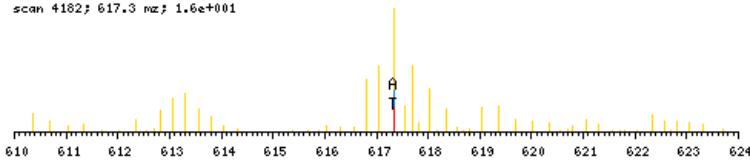
AERPEDLNLPNAVITR, MH+ 1849.9772, m/z 617.3306
 H OS G24 P150811 220811-s1.04184.04184.3.dta

scan 4184; 2.5e+000



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

scan 4182; 617.3 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⁺
114.0555	1	A 16		
243.0981	2	E 15	1736.9295	868.9687
399.1992	3	R 14	1607.8869	804.4474
496.2520	4	P 13	1451.7858	726.3968
625.2946	5	E 12	1354.7331	677.8704
740.3215	6	D 11	1225.6905	613.3491
853.4056	7	L 10	1110.6635	555.8357
967.4485	8	N 9	997.5795	499.2936
1080.5326	9	L 8	883.5365	442.2722
1177.5853	10	P 7	770.4525	385.7301
1291.6283	11	N 6	673.3997	337.2038
1362.6654	12	A 5	559.3568	280.1823
1461.7338	13	V 4	488.3197	244.6637
1574.8179	14	I 3	389.2512	195.1295
1675.8655	15	T 2	276.1672	138.5875
	16	R 1	175.1195	88.0637

N-term:+43.02

AESDWDTVTVLR, MH+ 1433.6913, m/z 717.3493
 H OS G29 P150811 220811-s1.05878.05878.2.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+

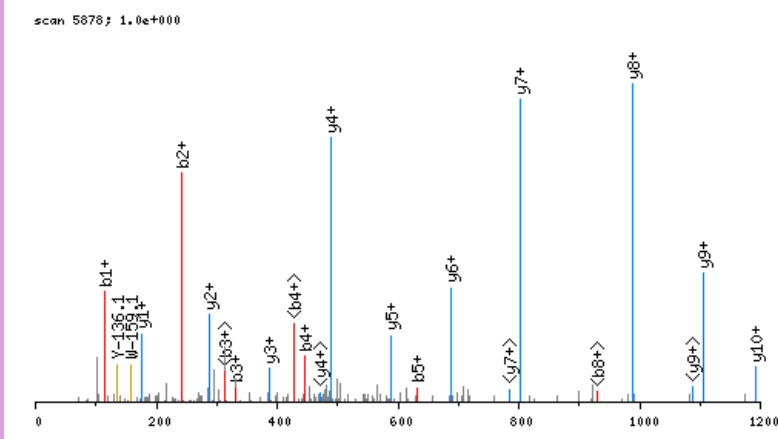
y + 2+ 3+

z + 2+ 3+

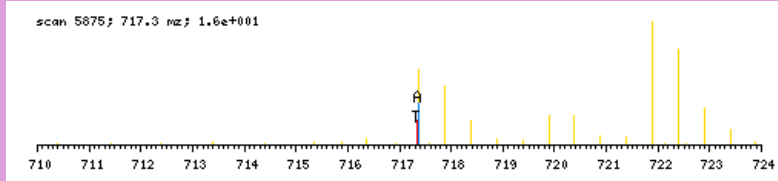
hide H₂O/NH₃

zoom 112-122

GO



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

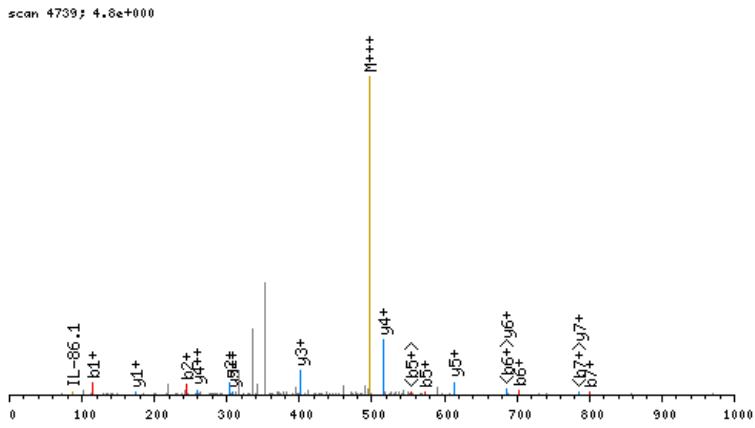


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

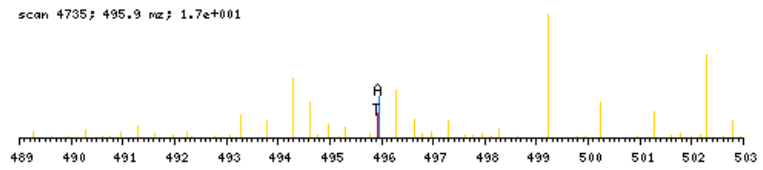
b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 12		
243.0981	2	E 11	1320.6436	660.8257
330.1301	3	S 10	1191.6010	596.3044
445.1571	4	D 9	1104.5689	552.7884
631.2364	5	W 8	989.5420	495.2749
746.2633	6	D 7	803.4627	402.2353
847.3110	7	T 6	688.4357	344.7218
946.3794	8	V 5	587.3881	294.1979
1047.4271	9	T 4	488.3197	244.6637
1146.4955	10	V 3	387.2720	194.1399
1259.5796	11	L 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+43.02

AESNEEVAVLVQR, MH+ 1485.7549, m/z 495.9232
 H OS G29 P150811 220811-s1.04739.04739.3.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⁺
114.0555	1	A 13		
243.0981	2	E 12	1372.7072	686.8575
330.1301	3	S 11	1243.6646	622.3362
444.1731	4	N 10	1156.6326	578.8202
573.2157	5	E 9	1042.5897	521.7988
702.2582	6	E 8	913.5471	457.2775
801.3267	7	V 7	784.5045	392.7562
872.3638	8	A 6	685.4361	343.2220
971.4322	9	V 5	614.3990	307.7034
1084.5163	10	L 4	515.3306	258.1692
1183.5847	11	V 3	402.2465	201.6272
1311.6432	12	Q 2	303.1781	152.0930
	13	R 1	175.1195	88.0637

N-term:+43.02

AESPAPGAAAESCQEER, MH+ 1987.8303, m/z 663.2816
 H OS G29 P150811 220811-s1.02708.02708.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

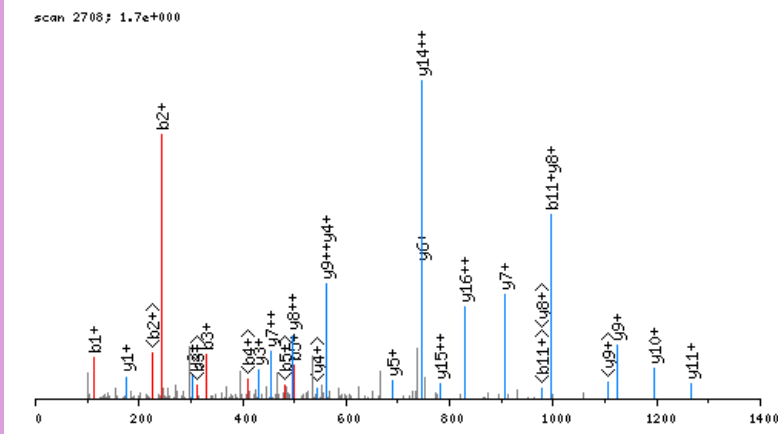
y + 2+ 3+

z + 2+ 3+

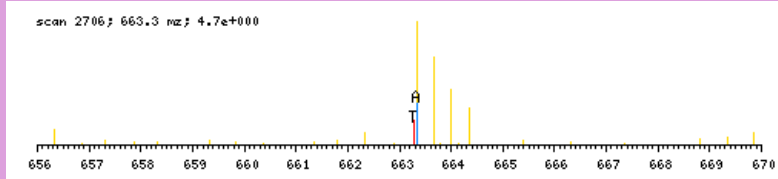
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	19		
243.0981	2	E	18	1874.7826	937.8952
330.1301	3	S	17	1745.7400	873.3739
427.1829	4	P	16	1658.7080	829.8579
498.2200	5	A	15	1561.6552	781.3315
595.2728	6	P	14	1490.6181	745.8130
652.2942	7	G	13	1393.5653	697.2866
723.3314	8	A	12	1336.5439	668.7759
794.3685	9	A	11	1265.5068	633.2573
865.4056	10	A	10	1194.4697	597.7387
994.4482	11	E	9	1123.4325	562.2202
1081.4802	12	S	8	994.3899	497.6989
1241.5108	13	C	7	907.3579	454.1829
1298.5323	14	G	6	747.3273	374.1676
1427.5749	15	E	5	690.3059	345.6568
1556.6175	16	E	4	561.2633	281.1355
1684.6760	17	Q	3	432.2207	216.6142
1813.7186	18	E	2	304.1621	152.5850
	19	R	1	175.1195	88.0637

N-term:+43.02 C(13):+160.03

AESSELSASSPAR, MH+ 1420.6556, m/z 710.8314
 H OS G29 P150811 220811-s1.02728.02728.2.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+

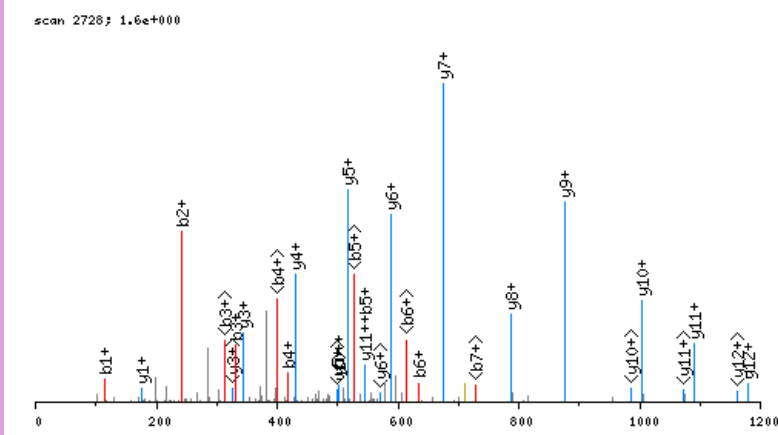
y + 2+ 3+

z + 2+ 3+

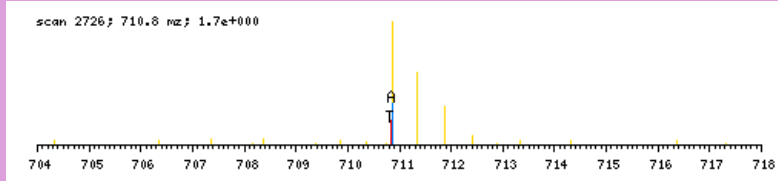
hide H₂O/NH₃

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⁺
114.0555	1	A 14		
243.0981	2	E 13	1307.6079	654.3079
330.1301	3	S 12	1178.5653	589.7866
417.1622	4	S 11	1091.5333	546.2706
546.2048	5	E 10	1004.5013	502.7545
633.2368	6	S 9	875.4587	438.2332
746.3208	7	L 8	788.4266	394.7172
833.3529	8	S 7	675.3426	338.1752
904.3900	9	A 6	588.3105	294.6592
991.4220	10	S 5	517.2734	259.1406
1078.4540	11	S 4	430.2414	215.6246
1175.5068	12	P 3	343.2094	172.1086
1246.5439	13	A 2	246.1566	123.5822
	14	R 1	175.1195	88.0637

N-term:+43.02

AETAAESGGGDSGVGACER, MH+ 1879.7728, m/z 627.2624
 H OS G29 P150811 220811-s1.02587.02587.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

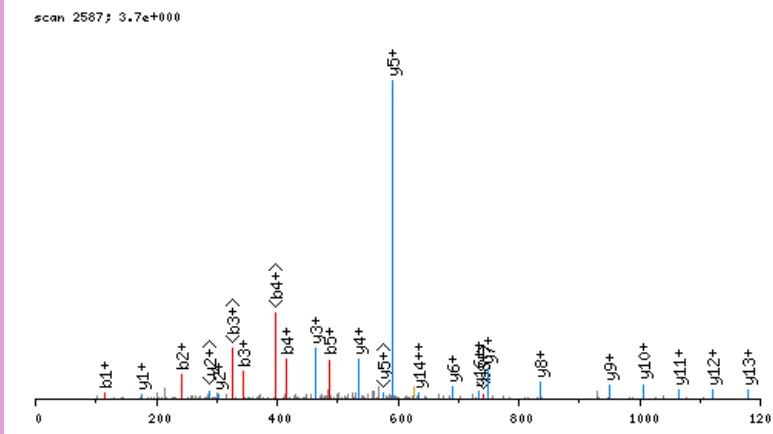
y + 2+ 3+

z + 2+ 3+

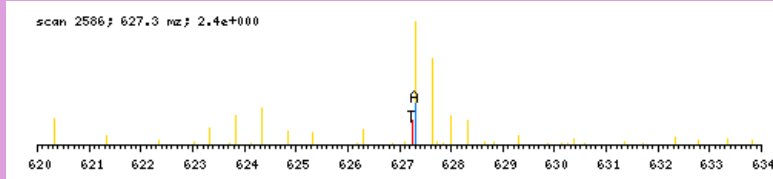
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	20		
243.0981	2	E	19	1766.7251	883.8665
344.1458	3	T	18	1637.6825	819.3452
415.1829	4	A	17	1536.6348	768.8213
486.2200	5	A	16	1465.5977	733.3028
615.2626	6	E	15	1394.5606	697.7842
702.2946	7	S	14	1265.5180	633.2629
759.3161	8	G	13	1178.4860	589.7469
816.3376	9	G	12	1121.4645	561.2362
873.3590	10	G	11	1064.4430	532.7254
930.3805	11	G	10	1007.4216	504.2147
1045.4074	12	D	9	950.4001	475.7040
1132.4395	13	S	8	835.3732	418.1905
1189.4609	14	G	7	748.3411	374.6745
1288.5293	15	V	6	691.3197	346.1638
1345.5508	16	G	5	592.2513	296.6295
1416.5879	17	A	4	535.2298	268.1188
1576.6185	18	C	3	464.1927	232.6003
1705.6611	19	E	2	304.1621	152.5850
	20	R	1	175.1195	88.0637

N-term:+43.02 C(18):+160.03

AETLSGLGDASAAGAAVSSAASETGTR, MH+ 2521.2018, m/z 841.0721
 H_OS_G29_P150811_220811-s1.06168.06168.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

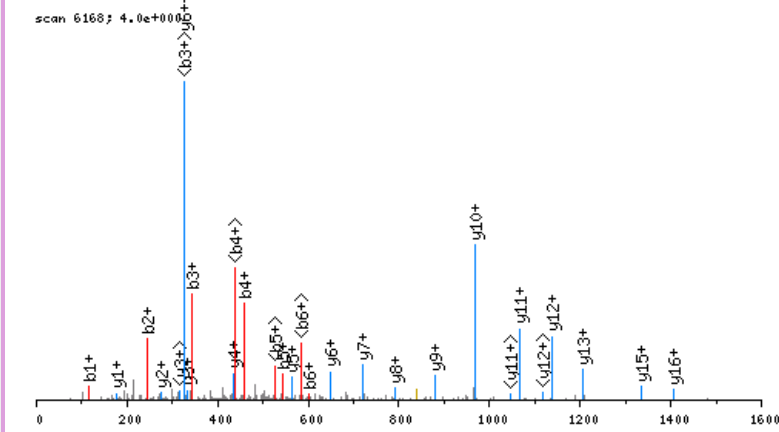
y + 2+ 3+

z + 2+ 3+

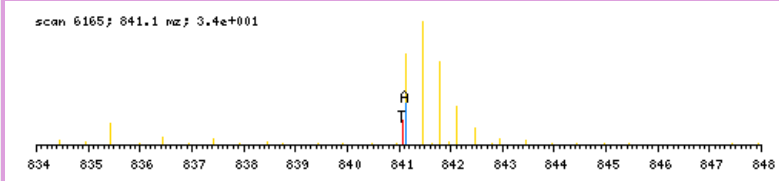
hide H₂O/NH₃

zoom 112-122

GO



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



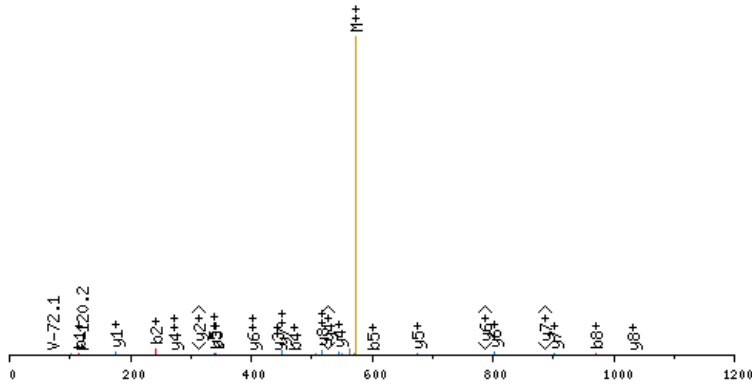
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 28		
243.0981	2	E 27	2408.1541	1204.5810
344.1458	3	T 26	2279.1115	1140.0597
457.2298	4	L 25	2178.0638	1089.5358
544.2619	5	S 24	2064.9798	1032.9938
601.2833	6	G 23	1977.9478	989.4778
714.3674	7	L 22	1920.9263	960.9671
771.3889	8	G 21	1807.8422	904.4250
886.4158	9	D 20	1750.8208	875.9143
957.4529	10	A 19	1635.7938	818.4008
1044.4850	11	S 18	1564.7567	782.8823
1115.5221	12	A 17	1477.7247	739.3662
1186.5592	13	A 16	1406.6876	703.8477
1243.5806	14	G 15	1335.6504	668.3291
1314.6178	15	A 14	1278.6290	639.8184
1385.6549	16	A 13	1207.5919	604.2998
1456.6920	17	A 12	1136.5548	568.7813
1555.7604	18	V 11	1065.5176	533.2627
1642.7924	19	S 10	966.4492	483.7285
1729.8245	20	S 9	879.4172	440.2125
1800.8616	21	A 8	792.3852	396.6965
1871.8987	22	A 7	721.3481	361.1779
1958.9307	23	S 6	650.3109	325.6594
2087.9733	24	E 5	563.2789	282.1434
2189.0210	25	T 4	434.2363	217.6221
2246.0424	26	G 3	333.1886	167.0982
2347.0901	27	T 2	276.1672	138.5875
	28	R 1	175.1195	88.0637

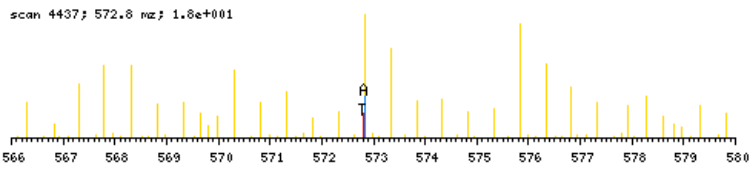
N-term:+43.02

AEVEETLKR, MH+ 1144.6214, m/z 572.8144
 H OS G25 P150811 220811-s1.04439.04439.2.dta

scan 4439; 4.1e+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⁺
114.0555	1	A	9	
243.0981	2	E	8	1031.5737 516.2908
342.1665	3	V	7	902.5311 451.7695
471.2091	4	E	6	803.4627 402.2353
600.2517	5	E	5	674.4201 337.7140
701.2994	6	T	4	545.3775 273.1927
814.3834	7	L	3	444.3299 222.6688
970.5097	8	K	2	331.2458 166.1268
	9	R	1	175.1195 88.0637

N-term:+43.02 K(8):+156.13

AEVGEIIEGCR, MH+ 1274.6050, m/z 637.8062
 H OS G29 P150811 220811-s1.05423.05423.2.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+

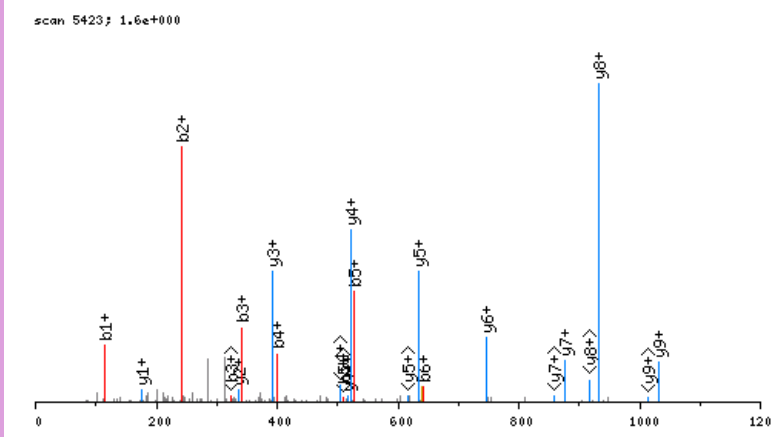
y + 2+ 3+

z + 2+ 3+

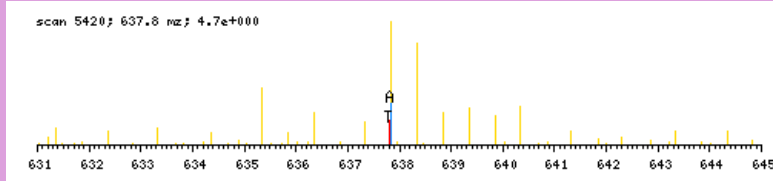
hide H₂O/NH₃

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⁺
114.0555	1	A 11		
243.0981	2	E 10	1161.5573	581.2826
342.1665	3	V 9	1032.5148	516.7613
399.1880	4	G 8	933.4463	467.2271
528.2306	5	E 7	876.4249	438.7164
641.3146	6	I 6	747.3823	374.1951
754.3987	7	I 5	634.2982	317.6530
883.4413	8	E 4	521.2142	261.1110
940.4628	9	G 3	392.1716	196.5897
1100.4934	10	C 2	335.1501	168.0790
	11	R 1	175.1195	88.0637

N-term:+43.02 C(10):+160.03

AEVLSAGPESVAGCR, MH+ 1544.7378, m/z 772.8726
 H OS G29 P150811 220811-s1.04849.04849.2.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+

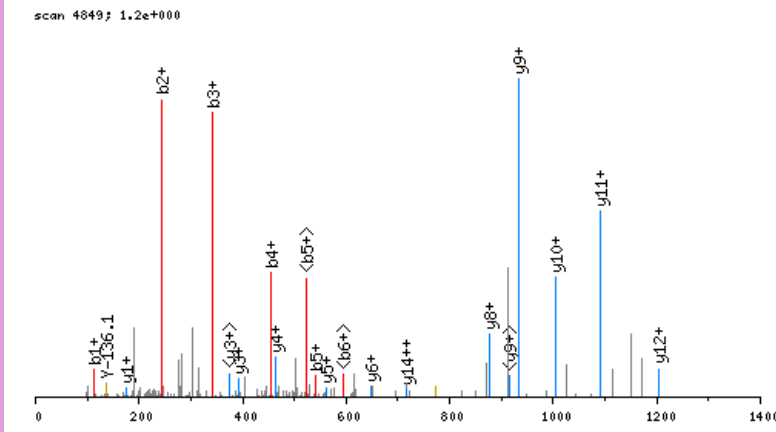
y + 2+ 3+

z + 2+ 3+

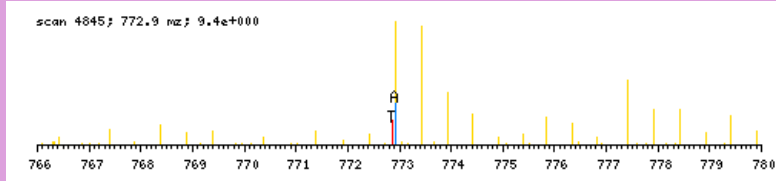
hide H₂O/NH₃

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⁺
114.0555	1	A	15	
243.0981	2	E	14	1431.6902
342.1665	3	V	13	1302.6476
455.2506	4	L	12	1203.5791
542.2826	5	S	11	1090.4951
613.3197	6	A	10	1003.4631
670.3412	7	G	9	932.4259
767.3940	8	P	8	875.4045
896.4365	9	E	7	778.3517
983.4686	10	S	6	649.3091
1082.5370	11	V	5	562.2771
1153.5741	12	A	4	463.2087
1210.5956	13	G	3	392.1716
1370.6262	14	C	2	335.1501
	15	R	1	175.1195

N-term:+43.02 C(14):+160.03

AEYDLTTR, MH+ 1010.4795, m/z 505.7434
 H OS G29 P150811 220811-s1.03397.03397.2.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+

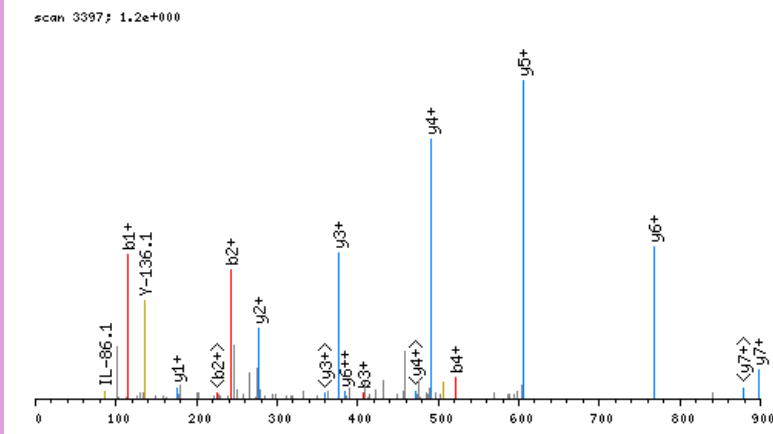
y + 2+ 3+

z + 2+ 3+

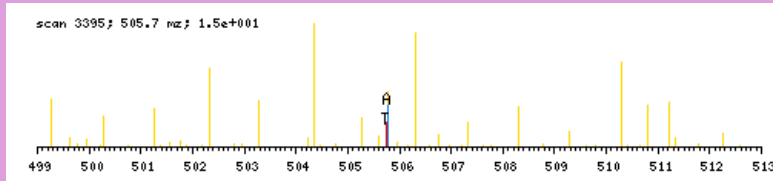
hide H₂O/NH₃

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⁺
114.0555	1	A 8		
243.0981	2	E 7	897.4318	449.2198
406.1614	3	Y 6	768.3892	384.6985
521.1884	4	D 5	605.3259	303.1668
634.2724	5	L 4	490.2989	245.6534
735.3201	6	T 3	377.2149	189.1113
836.3678	7	T 2	276.1672	138.5875
	8	R 1	175.1195	88.0637

N-term:+43.02

AFCAPPAYLTHQQKVLK, MH+ 2070.0959, m/z 690.7035
 H OS G26 P150811 220811-s1.05223.05223.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

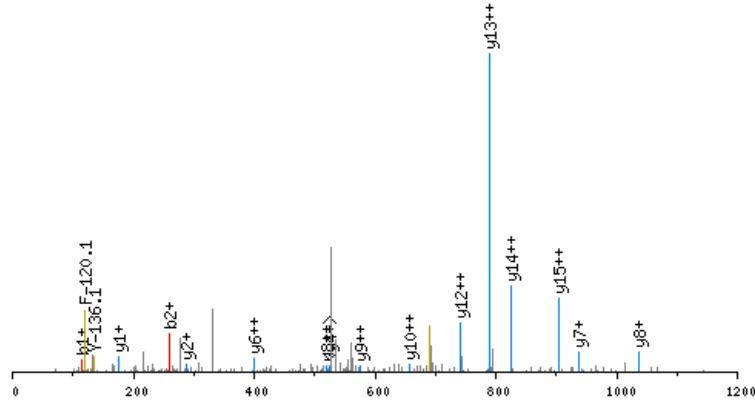
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

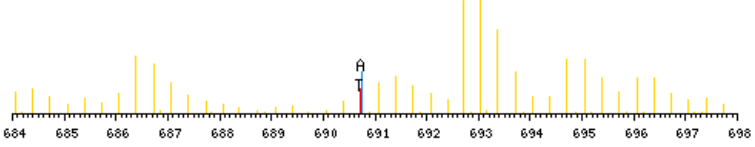
GO

scan 5223; 2.2e+000



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

scan 5220; 690.7 mz; 3.0e+001



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

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	17		
261.1239	2	F	16	1957.0482	979.0280
421.1545	3	C	15	1809.9798	905.4938
492.1916	4	A	14	1649.9492	825.4785
589.2444	5	P	13	1578.9121	789.9599
686.2972	6	P	12	1481.8593	741.4336
757.3343	7	A	11	1384.8065	692.9072
920.3976	8	Y	10	1313.7694	657.3886
1033.4817	9	L	9	1150.7061	575.8570
1134.5294	10	T	8	1037.6220	519.3149
1271.5883	11	H	7	936.5743	468.7911
1399.6468	12	Q	6	799.5154	400.2616
1527.7054	13	Q	5	671.4569	336.2323
1683.8317	14	K	4	543.3983	272.2031
1782.9001	15	V	3	387.2720	194.1399
1895.9842	16	L	2	288.2036	144.6057
	17	R	1	175.1195	88.0637

N-term:+43.02 C(3):+160.03
 K(14):+156.13

AFKDTGKTPVEPEVAIHR, MH+ 2105.2032, m/z 527.0563
 H OS G27 P150811 220811-s1.04813.04813.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

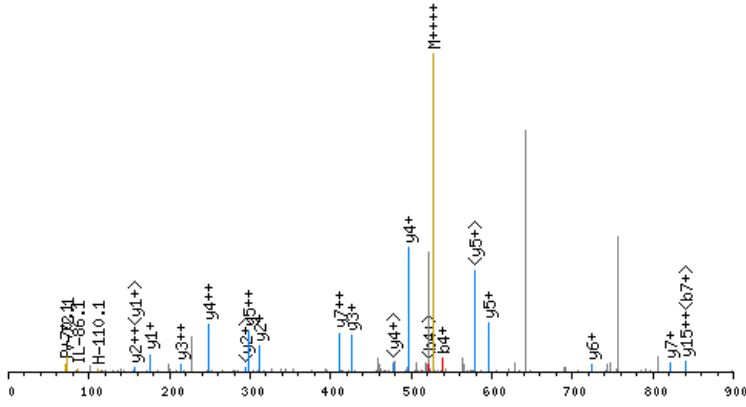
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

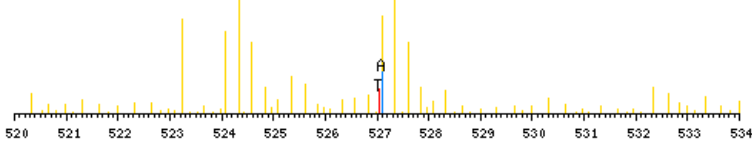
GO

scan 4813; 3.6e+000



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

scan 4812; 527.1 Hz; 2.2e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 18		
261.1239	2	F 17	1992.1555	996.5817
423.2820	3	K 16	1845.0871	923.0475
538.3090	4	D 15	1682.9290	841.9684
639.3566	5	T 14	1567.9021	784.4549
696.3781	6	G 13	1466.8544	733.9311
858.5362	7	K 12	1409.8329	705.4204
959.5839	8	T 11	1247.6748	624.3413
1056.6367	9	P 10	1146.6271	573.8175
1155.7051	10	V 9	1049.5744	525.2911
1284.7477	11	E 8	950.5060	475.7569
1381.8004	12	P 7	821.4634	411.2356
1510.8430	13	E 6	724.4106	362.7092
1609.9114	14	V 5	595.3680	298.1879
1680.9485	15	A 4	496.2996	248.6537
1794.0326	16	I 3	425.2625	213.1352
1931.0915	17	H 2	312.1784	156.5931
	18	R 1	175.1195	88.0637

N-term:+43.02 K(3):+162.16
 K(7):+162.16

AGAACCFSEQFR, MH+ 1560.6211, m/z 520.8785
 H OS G29 P150811 220811-s1.04379.04379.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

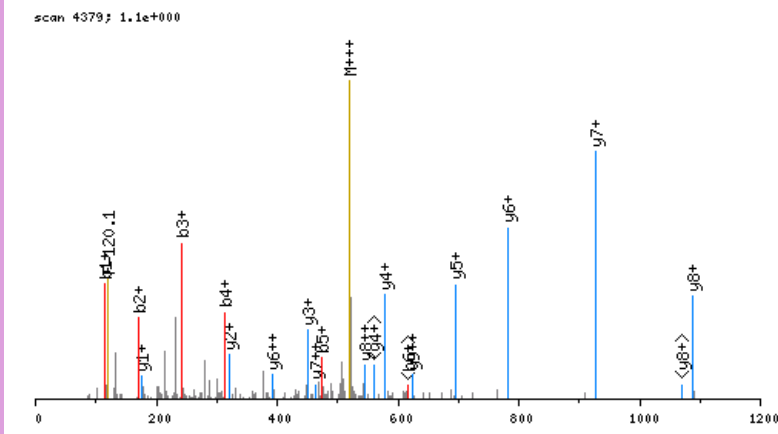
y + 2+ 3+

z + 2+ 3+

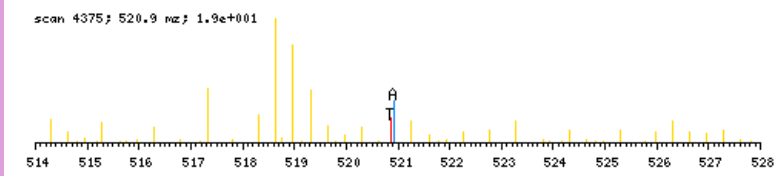
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A	13	
171.0770	2	G	12	1447.5734 724.2906
242.1141	3	A	11	1390.5519 695.7799
313.1512	4	A	10	1319.5148 660.2613
473.1818	5	C	9	1248.4777 624.7427
633.2124	6	C	8	1088.4471 544.7274
780.2808	7	F	7	928.4165 464.7121
867.3128	8	S	6	781.3481 391.1779
982.3398	9	D	5	694.3160 347.6619
1111.3824	10	E	4	579.2891 290.1485
1239.4410	11	Q	3	450.2465 225.6272
1386.5094	12	F	2	322.1879 161.5979
	13	R	1	175.1195 88.0637

N-term:+43.02 C(5):+160.03
 C(6):+160.03

AGDAVQSEPR, MH+ 1071.5071, m/z 536.2572
 H OS G29 P150811 220811-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+

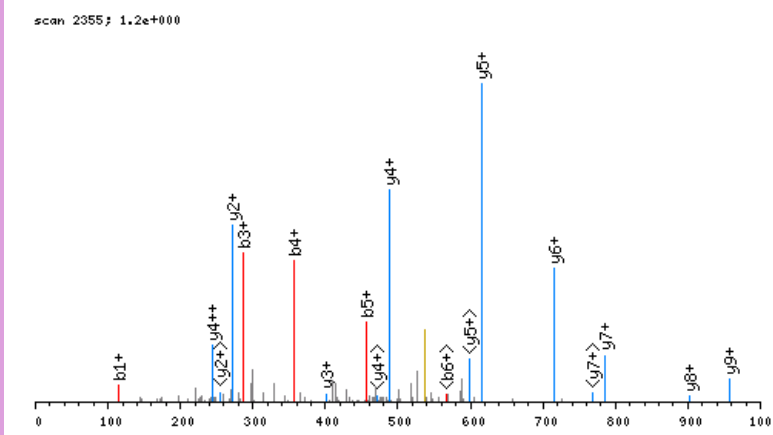
y + 2+ 3+

z + 2+ 3+

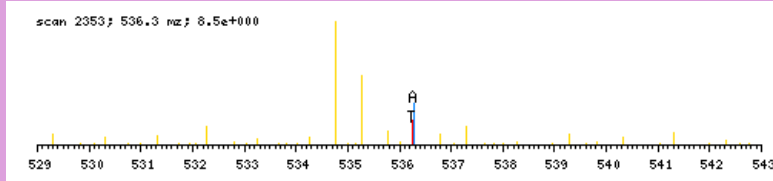
hide H₂O/NH₃

zoom 112-122

GO



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



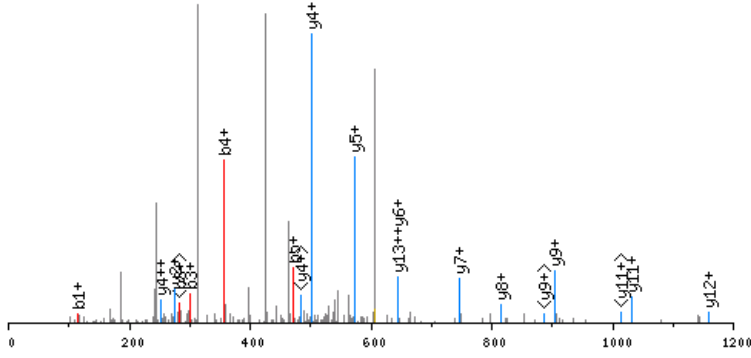
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	10		
171.0770	2	G	9	958.4594	479.7336
286.1039	3	D	8	901.4379	451.2229
357.1410	4	A	7	786.4110	393.7094
456.2094	5	V	6	715.3739	358.1909
584.2680	6	Q	5	616.3055	308.6566
671.3001	7	S	4	488.2469	244.6274
800.3426	8	E	3	401.2149	201.1113
897.3954	9	P	2	272.1723	136.5900
	10	R	1	175.1195	88.0637

N-term: +43.02

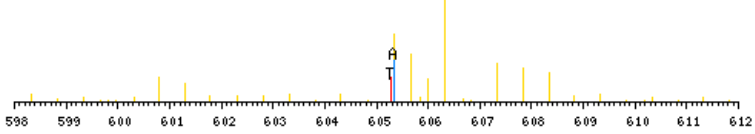
AGEGLGQQGASATAAPETR, MH+ 1813.8681, m/z 605.2942
 H OS G29 P150811 220811-s1.03026.03026.3.dta

scan 3026; 1.5e+000



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

scan 3025; 605.3 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⁺
114.0555	1	A	19		
171.0770	2	G	18	1700.8204	850.9141
300.1196	3	E	17	1643.7989	822.4034
357.1410	4	G	16	1514.7563	757.8821
470.2251	5	L	15	1457.7348	729.3713
527.2466	6	G	14	1344.6508	672.8293
655.3051	7	Q	13	1287.6293	644.3186
783.3637	8	Q	12	1159.5707	580.2893
840.3852	9	G	11	1031.5122	516.2600
911.4223	10	A	10	974.4907	487.7493
998.4543	11	S	9	903.4536	452.2307
1069.4914	12	A	8	816.4216	408.7147
1170.5391	13	T	7	745.3844	373.1961
1241.5762	14	A	6	644.3368	322.6723
1312.6133	15	A	5	573.2997	287.1537
1409.6661	16	P	4	502.2625	251.6352
1538.7087	17	E	3	405.2098	203.1088
1639.7564	18	T	2	276.1672	138.5875
	19	R	1	175.1195	88.0637

N-term:+43.02

AGGEAGVTLGQPHLSR, MH+ 1591.8193, m/z 531.2779
 H OS G25 P150811 220811-s1.04985.04985.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

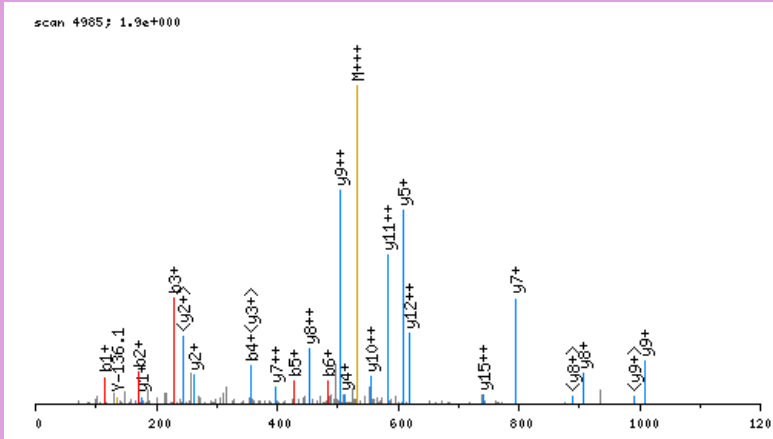
y + 2+ 3+

z + 2+ 3+

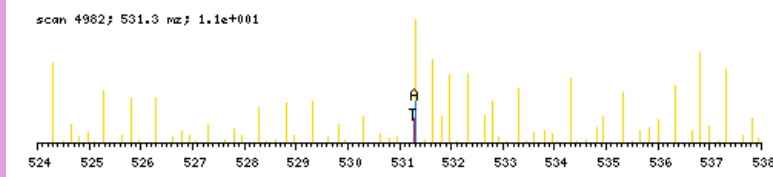
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 16		
171.0770	2	G 15	1478.7716	739.8897
228.0984	3	G 14	1421.7501	711.3790
357.1410	4	E 13	1364.7286	682.8682
428.1781	5	A 12	1235.6860	618.3469
485.1996	6	G 11	1164.6489	582.8284
584.2680	7	V 10	1107.6275	554.3176
685.3157	8	T 9	1008.5591	504.7834
798.3998	9	L 8	907.5114	454.2596
855.4212	10	G 7	794.4273	397.7176
983.4798	11	Q 6	737.4058	369.2068
1080.5326	12	P 5	609.3473	305.1775
1217.5915	13	H 4	512.2945	256.6512
1330.6755	14	L 3	375.2356	188.1217
1417.7076	15	S 2	262.1515	131.5797
	16	R 1	175.1195	88.0637

N-term:+43.02

AGGEGGVTLGQPHLSR, MH+ 1577.8036, m/z 526.6061
 H OS G25 P150811 220811-s1.04778.04778.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

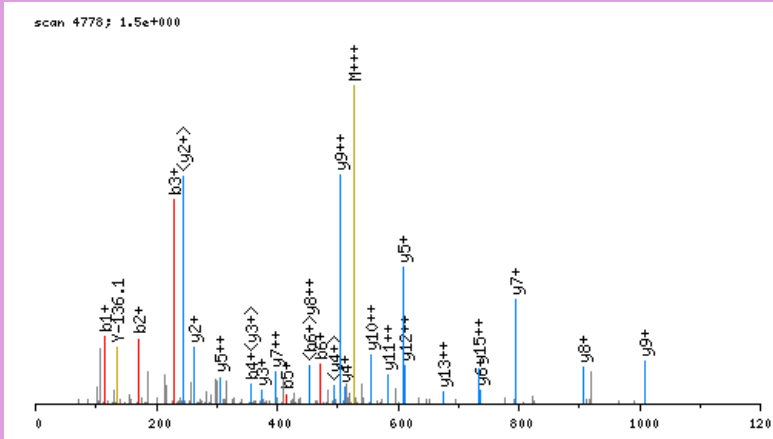
y + 2+ 3+

z + 2+ 3+

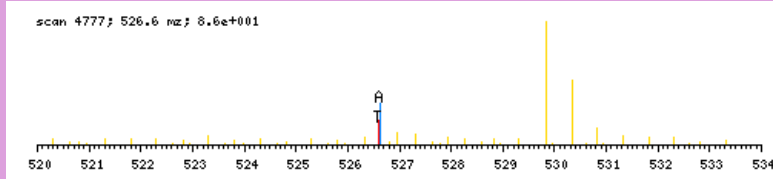
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 16		
171.0770	2	G 15	1464.7559	732.8819
228.0984	3	G 14	1407.7345	704.3711
357.1410	4	E 13	1350.7130	675.8604
414.1625	5	G 12	1221.6704	611.3391
471.1840	6	G 11	1164.6489	582.8284
570.2524	7	V 10	1107.6275	554.3176
671.3001	8	T 9	1008.5591	504.7834
784.3841	9	L 8	907.5114	454.2596
841.4056	10	G 7	794.4273	397.7176
969.4642	11	Q 6	737.4058	369.2068
1066.5169	12	P 5	609.3473	305.1775
1203.5758	13	H 4	512.2945	256.6512
1316.6599	14	L 3	375.2356	188.1217
1403.6919	15	S 2	262.1515	131.5797
	16	R 1	175.1195	88.0637

N-term:+43.02

AGGPPKALPSTGPOSLR, MH+ 1703.9445, m/z 568.6530
 H OS G24 P150811 220811-s1.03266.03266.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

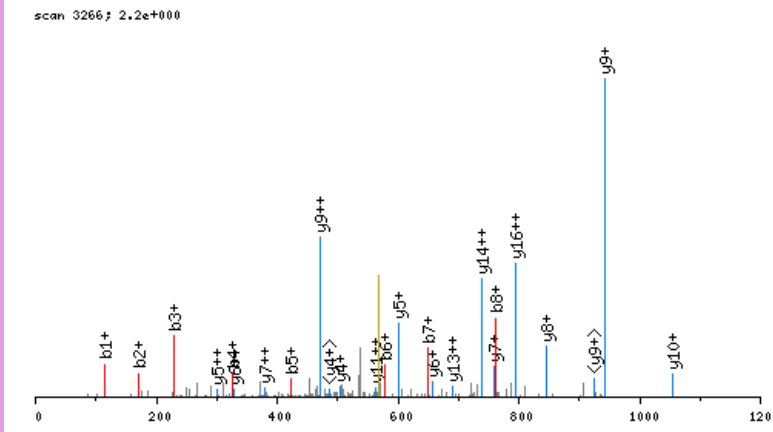
y + 2+ 3+

z + 2+ 3+

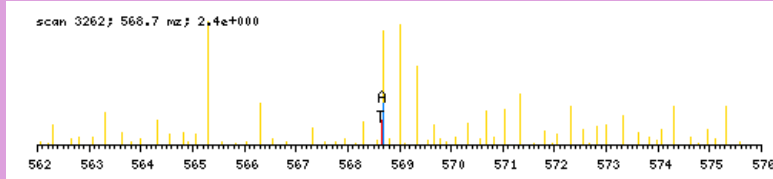
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 17		
171.0770	2	G 16	1590.8968	795.9523
228.0984	3	G 15	1533.8753	767.4416
325.1512	4	P 14	1476.8539	738.9308
422.2040	5	P 13	1379.8011	690.4045
578.3303	6	K 12	1282.7483	641.8781
649.3674	7	A 11	1126.6220	563.8149
762.4514	8	L 10	1055.5849	528.2964
859.5042	9	P 9	942.5009	471.7543
946.5362	10	S 8	845.4481	423.2280
1047.5839	11	T 7	758.4161	379.7120
1104.6054	12	G 6	657.3684	329.1881
1201.6581	13	P 5	600.3469	300.6774
1329.7167	14	Q 4	503.2942	252.1510
1416.7488	15	S 3	375.2356	188.1217
1529.8328	16	L 2	288.2036	144.6057
	17	R 1	175.1195	88.0637

N-term:+43.02 K(6):+156.13

AGKPVLYHYFDGR, MH+ 1435.7911, m/z 479.2685
 H OS G27 P150811 220811-s1.05420.05420.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

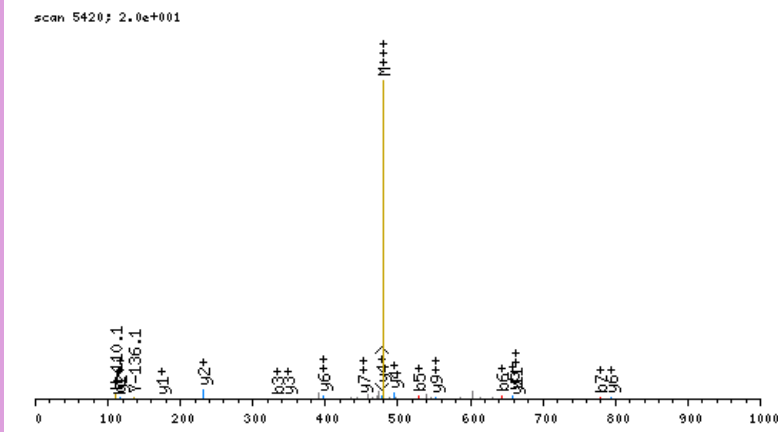
y + 2+ 3+

z + 2+ 3+

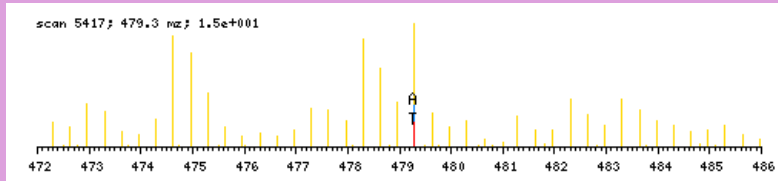
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 12		
171.0770	2	G 11	1322.7434	661.8756
333.2351	3	K 10	1265.7219	633.3649
430.2878	4	P 9	1103.5638	552.2858
529.3563	5	V 8	1006.5110	503.7594
642.4403	6	L 7	907.4426	454.2252
779.4992	7	H 6	794.3586	397.6832
942.5626	8	Y 5	657.2997	329.1537
1089.6310	9	F 4	494.2363	247.6221
1204.6579	10	D 3	347.1679	174.0879
1261.6794	11	G 2	232.1410	116.5744
	12	R 1	175.1195	88.0637

N-term:+43.02 K(3):+162.16

AGKPVLYHFNAR, MH+ 1442.7909, m/z 481.6018
 H OS G27 P150811 220811-s1.04988.04988.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

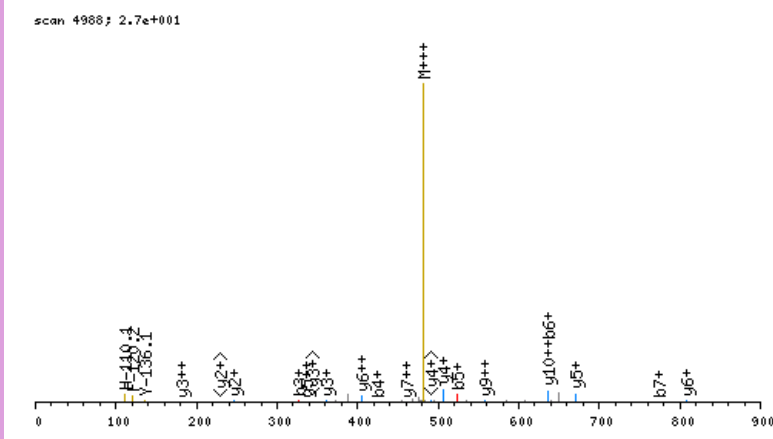
y + 2+ 3+

z + 2+ 3+

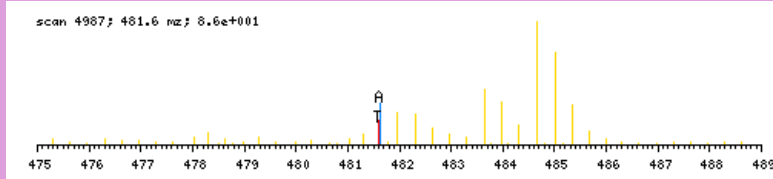
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 12		
171.0770	2	G 11	1329.7432	665.3755
327.2033	3	K 10	1272.7217	636.8648
424.2560	4	P 9	1116.5954	558.8016
523.3245	5	V 8	1019.5427	510.2752
636.4085	6	L 7	920.4743	460.7410
773.4674	7	H 6	807.3902	404.1990
936.5308	8	Y 5	670.3313	335.6696
1083.5992	9	F 4	507.2680	254.1379
1197.6421	10	N 3	360.1995	180.6037
1268.6792	11	A 2	246.1566	123.5822
	12	R 1	175.1195	88.0637

N-term:+43.02 K(3):+156.13

AGLELLSDQGYR, MH+ 1363.6858, m/z 682.3465
 H OS G29 P150811 220811-s1.06047.06047.2.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+

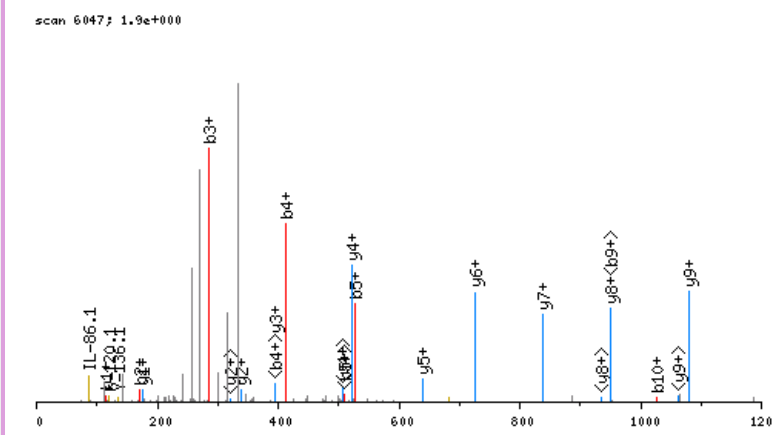
y + 2+ 3+

z + 2+ 3+

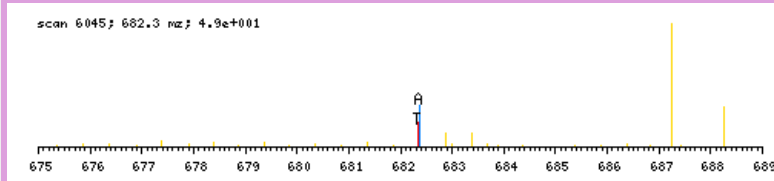
hide H₂O/NH₃

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⁺
114.0555	1	A	12		
171.0770	2	G	11	1250.6381	625.8230
284.1610	3	L	10	1193.6166	597.3122
413.2036	4	E	9	1080.5326	540.7702
526.2877	5	L	8	951.4900	476.2489
639.3718	6	L	7	838.4059	419.7069
726.4038	7	S	6	725.3218	363.1648
841.4307	8	D	5	638.2898	319.6488
969.4893	9	Q	4	523.2629	262.1353
1026.5108	10	G	3	395.2043	198.1061
1189.5741	11	Y	2	338.1828	169.5953
	12	R	1	175.1195	88.0637

N-term:+43.02

AGLGHPSAFGR, MH+ 1111.5649, m/z 556.2861
 H OS G25 P150811 220811-s1.04263.04263.2.dta

scan 4263; 1.4e+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+

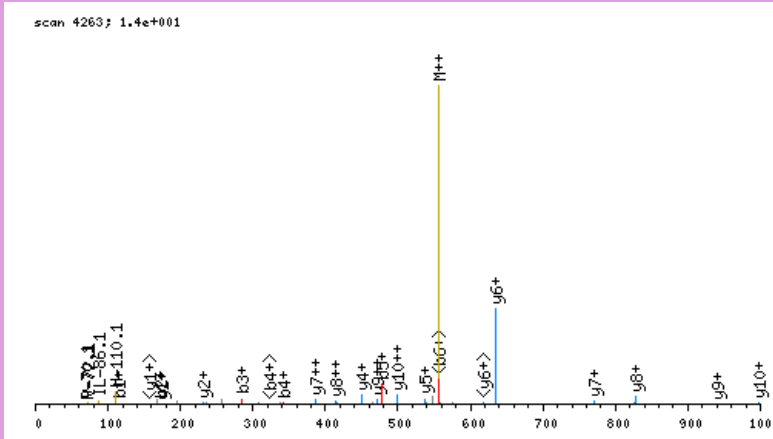
y + 2+ 3+

z + 2+ 3+

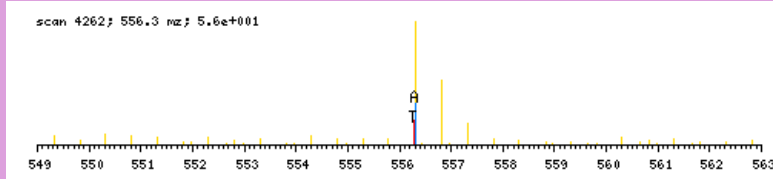
hide H₂O/NH₃

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⁺
114.0555	1	A	11		
171.0770	2	G	10	998.5172	499.7625
284.1610	3	L	9	941.4957	471.2518
341.1825	4	G	8	828.4117	414.7097
478.2414	5	H	7	771.3902	386.1990
575.2942	6	P	6	634.3313	317.6696
662.3262	7	S	5	537.2785	269.1432
733.3633	8	A	4	450.2465	225.6272
880.4317	9	F	3	379.2094	190.1086
937.4532	10	G	2	232.1410	116.5744
	11	R	1	175.1195	88.0637

N-term: +43.02

AGLNSLEAVKR, MH+ 1227.7062, m/z 614.3567
 H OS G25 P150811 220811-s1.05199.05199.2.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+

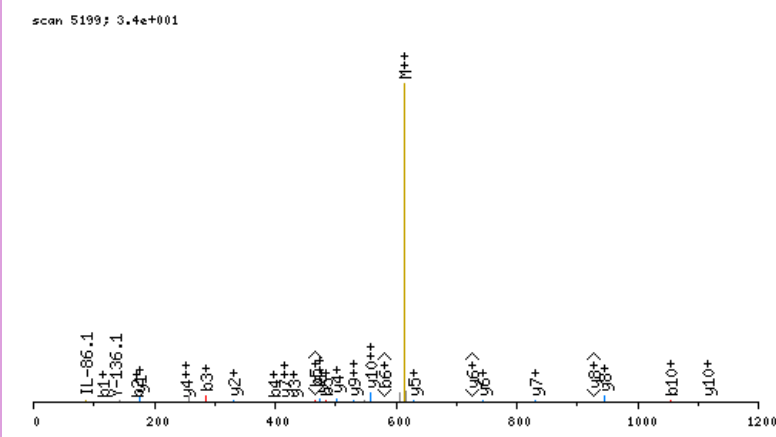
y + 2+ 3+

z + 2+ 3+

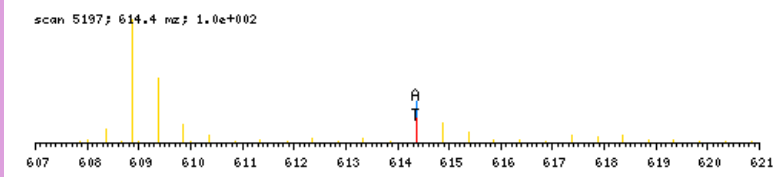
hide H₂O/NH₃

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⁺
114.0555	1	A 11		
171.0770	2	G 10	1114.6585	557.8331
284.1610	3	L 9	1057.6370	529.3224
398.2040	4	N 8	944.5529	472.7804
485.2360	5	S 7	830.5100	415.7589
598.3201	6	L 6	743.4780	372.2429
727.3627	7	E 5	630.3939	315.7009
798.3998	8	A 4	501.3513	251.1796
897.4682	9	V 3	430.3142	215.6610
1053.5945	10	K 2	331.2458	166.1268
	11	R 1	175.1195	88.0637

N-term:+43.02 K(10):+156.13

AGNKVPPALASHQPDR, MH+ 1727.9193, m/z 576.6446
 H OS G26 P150811 220811-s1.02814.02814.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

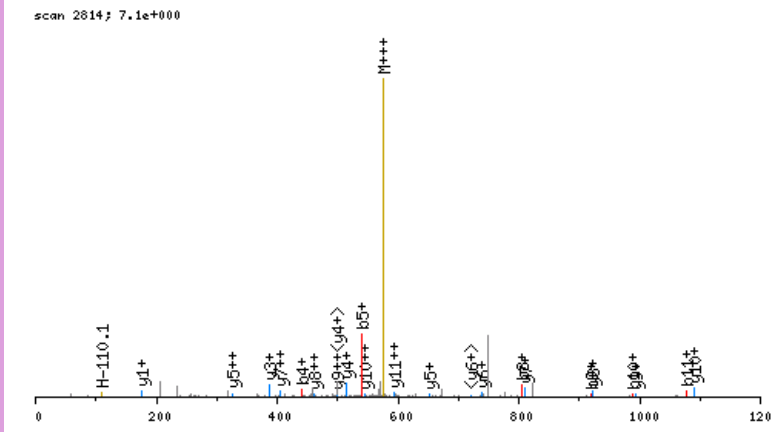
y + 2+ 3+

z + 2+ 3+

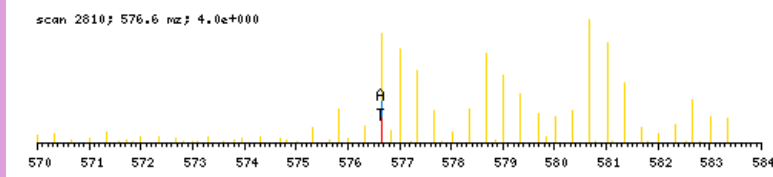
hide H₂O/NH₃

zoom 112-122

GO



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



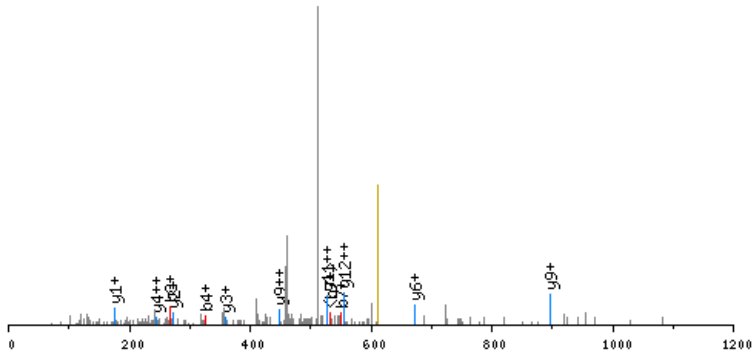
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 16		
171.0770	2	G 15	1614.8717	807.9397
285.1199	3	N 14	1557.8502	779.4290
441.2462	4	K 13	1443.8073	722.4075
540.3146	5	V 12	1287.6810	644.3444
637.3674	6	P 11	1188.6125	594.8102
734.4201	7	P 10	1091.5598	546.2838
805.4573	8	A 9	994.5070	497.7574
918.5413	9	L 8	923.4699	462.2389
989.5784	10	A 7	810.3858	405.6968
1076.6105	11	S 6	739.3487	370.1783
1213.6694	12	H 5	652.3167	326.6623
1341.7280	13	Q 4	515.2578	258.1328
1438.7807	14	P 3	387.1992	194.1035
1553.8077	15	D 2	290.1464	145.5771
	16	R 1	175.1195	88.0637

N-term:+43.02 K(4):+156.13

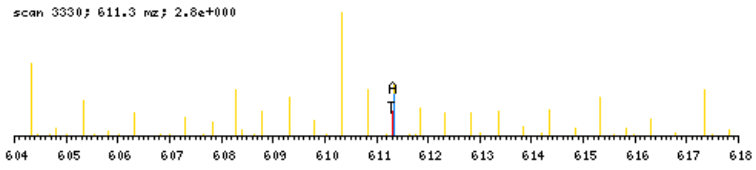
AGPFGAALLESPR, MH+ 1221.6228, m/z 611.3150
 H OS G29 P150811 220811-s1.03333.03333.2.dta

scan 3333; 9.6e-001



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

scan 3330; 611.3 m/z; 2.8e+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⁺
114.0555	1	A 13		
171.0770	2	G 12	1108.5751	554.7915
268.1297	3	P 11	1051.5536	526.2807
325.1512	4	G 10	954.5009	477.7543
422.2040	5	P 9	897.4794	449.2436
479.2254	6	G 8	800.4266	400.7172
550.2625	7	A 7	743.4052	372.2065
621.2997	8	A 6	672.3681	336.6879
734.3837	9	L 5	601.3310	301.1694
863.4263	10	E 4	488.2469	244.6274
950.4583	11	S 3	359.2043	180.1061
1047.5111	12	P 2	272.1723	136.5900
	13	R 1	175.1195	88.0637

N-term:+43.02

AGQEDPVQR, MH+ 1041.4965, m/z 521.2519
 H OS G29 P150811 220811-s1.02345.02345.2.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+

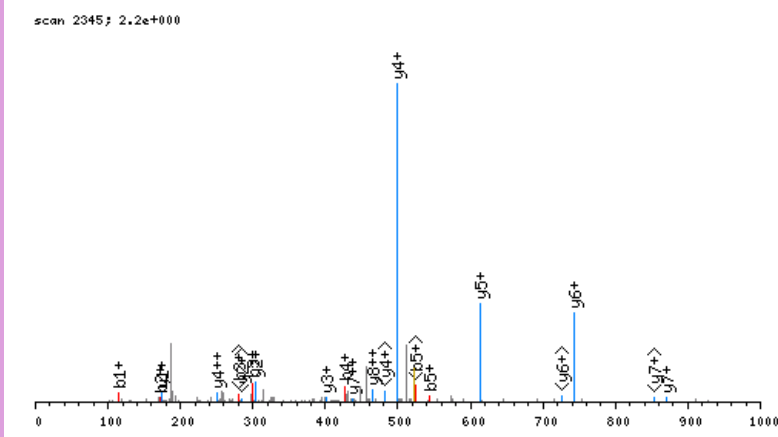
y + 2+ 3+

z + 2+ 3+

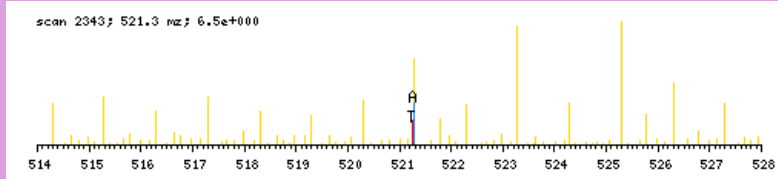
hide H₂O/NH₃

zoom 112-122

GO



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



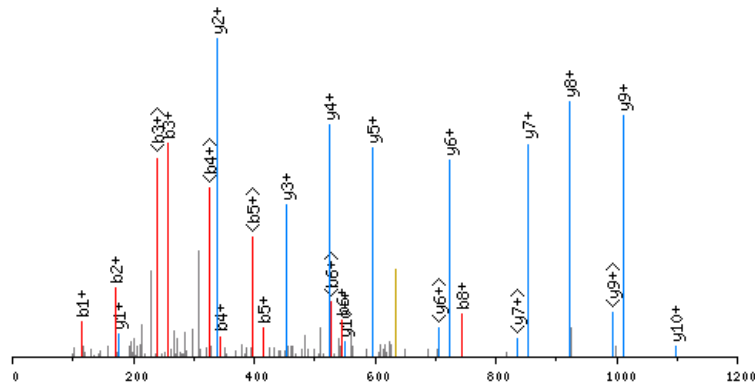
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 9		
171.0770	2	G 8	928.4488	464.7283
299.1356	3	Q 7	871.4274	436.2176
428.1781	4	E 6	743.3688	372.1883
543.2051	5	D 5	614.3262	307.6670
640.2579	6	P 4	499.2993	250.1535
739.3263	7	V 3	402.2465	201.6272
867.3848	8	Q 2	303.1781	152.0930
	9	R 1	175.1195	88.0637

N-term:+43.02

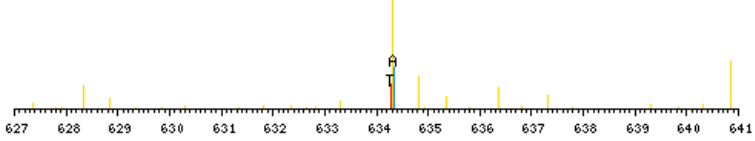
AGSSAEQAADYR, MH+ 1267.5555, m/z 634.2814
 H OS G29 P150811 220811-s1.02689.02689.2.dta

scan 2689; 7.6e-001



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

scan 2686; 634.3 m/z; 4.1e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	12		
171.0770	2	G	11	1154.5078	577.7578
258.1090	3	S	10	1097.4863	549.2471
345.1410	4	S	9	1010.4543	505.7311
416.1781	5	A	8	923.4223	462.2151
545.2207	6	E	7	852.3852	426.6965
673.2793	7	Q	6	723.3426	362.1752
744.3164	8	A	5	595.2840	298.1459
815.3535	9	A	4	524.2469	262.6274
930.3805	10	D	3	453.2098	227.1088
1093.4438	11	Y	2	338.1828	169.5953
	12	R	1	175.1195	88.0637

N-term:+43.02

AGTSSEAEAEALAAAR, MH+ 1546.7349, m/z 516.2498
 H OS G29 P150811 220811-s1.04477.04477.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

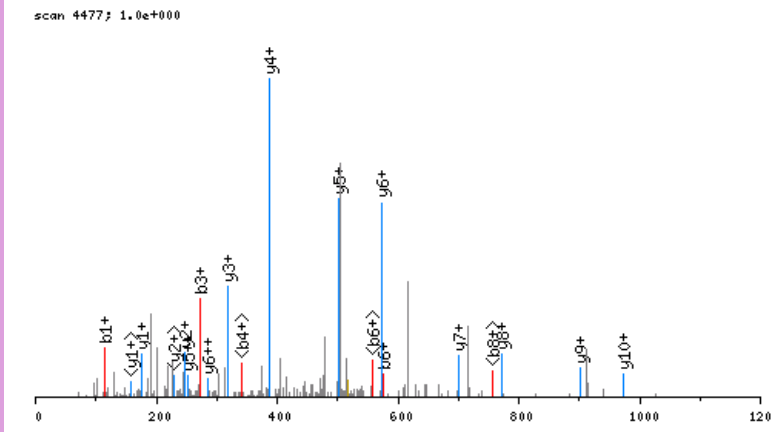
y + 2+ 3+

z + 2+ 3+

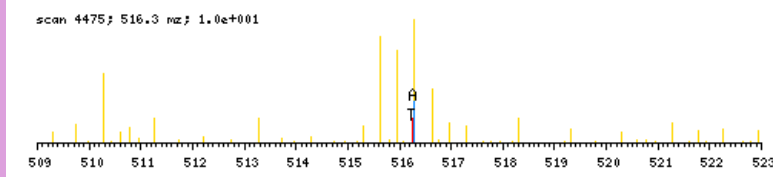
hide H₂O/NH₃

zoom 112-122

GO



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



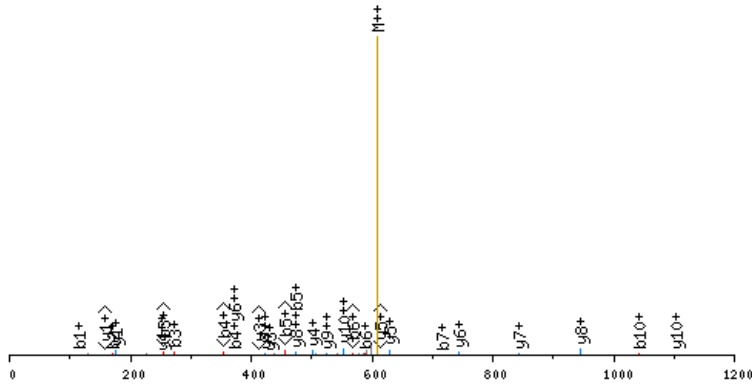
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 16		
171.0770	2	G 15	1433.6872	717.3475
272.1247	3	T 14	1376.6658	688.8368
359.1567	4	S 13	1275.6181	638.3130
446.1887	5	S 12	1188.5861	594.7969
575.2313	6	E 11	1101.5540	551.2809
646.2684	7	A 10	972.5114	486.7596
775.3110	8	E 9	901.4743	451.2411
846.3481	9	A 8	772.4317	386.7198
975.3907	10	E 7	701.3946	351.2012
1046.4278	11	A 6	572.3520	286.6799
1159.5119	12	L 5	501.3149	251.1614
1230.5490	13	A 4	388.2308	194.6193
1301.5861	14	A 3	317.1937	159.1008
1372.6232	15	A 2	246.1566	123.5822
	16	R 1	175.1195	88.0637

N-term:+43.02

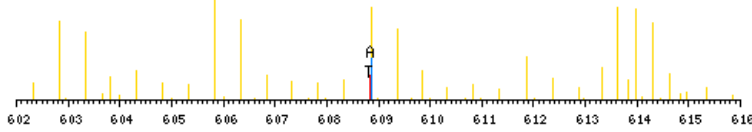
AGTTTIEAVKR, MH+ 1216.6902, m/z 608.8487
 H OS G25 P150811 220811-s1.03413.03413.2.dta

scan 3413; 2.6e+001



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

scan 3412; 608.8 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⁺
114.0555	1	A 11		
171.0770	2	G 10	1103.6425	552.3252
272.1247	3	T 9	1046.6210	523.8144
373.1723	4	T 8	945.5733	473.2906
474.2200	5	T 7	844.5257	422.7667
587.3041	6	I 6	743.4780	372.2429
716.3467	7	E 5	630.3939	315.7009
787.3838	8	A 4	501.3513	251.1796
886.4522	9	V 3	430.3142	215.6610
1042.5785	10	K 2	331.2458	166.1268
	11	R 1	175.1195	88.0637

N-term:+43.02 K(10):+156.13

AGTVVLDVDEL, MH+ 1328.7062, m/z 664.8567
 H OS G29 P150811 220811-s1.06038.06038.2.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+

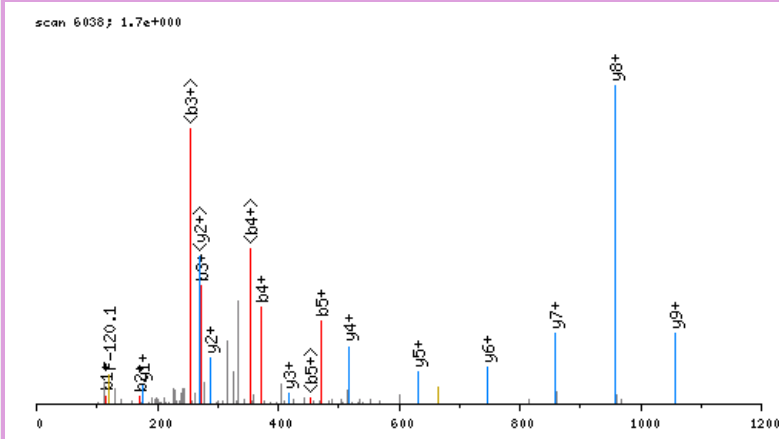
y + 2+ 3+

z + 2+ 3+

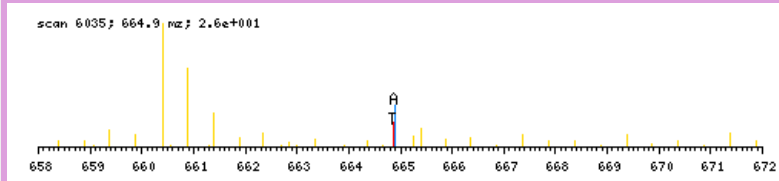
hide H₂O/NH₃

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⁺
114.0555	1	A 12		
171.0770	2	G 11	1215.6585	608.3332
272.1247	3	T 10	1158.6370	579.8224
371.1931	4	V 9	1057.5893	529.2986
470.2615	5	V 8	958.5209	479.7644
583.3455	6	L 7	859.4525	430.2302
698.3725	7	D 6	746.3685	373.6881
813.3994	8	D 5	631.3415	316.1747
912.4678	9	V 4	516.3146	258.6612
1041.5104	10	E 3	417.2462	209.1270
1154.5945	11	L 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+43.02

AGVDQHEGTIQVQGQNLFFR, MH+ 2286.1267, m/z 762.7138
 H OS G24 P150811 220811-s1.04595.04595.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

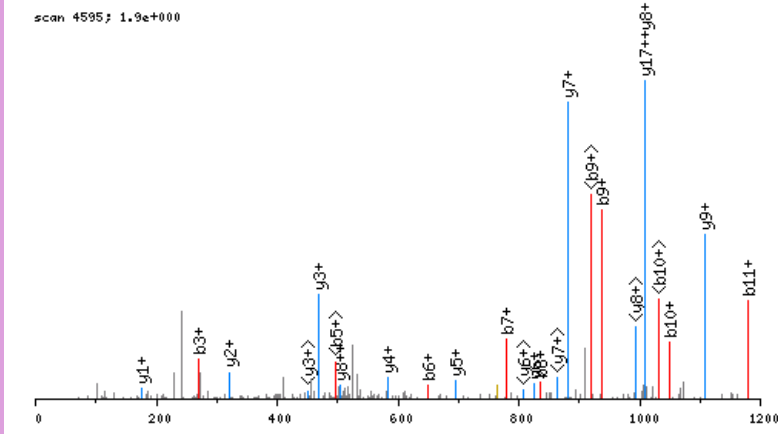
y + 2+ 3+

z + 2+ 3+

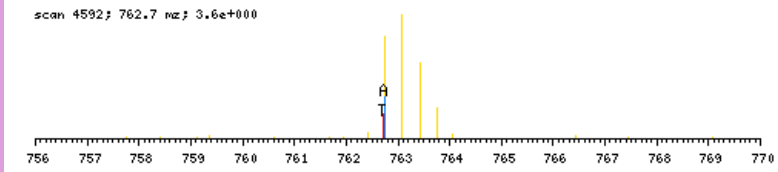
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 20		
171.0770	2	G 19	2173.0790	1087.0434
270.1454	3	V 18	2116.0576	1058.5327
385.1723	4	D 17	2016.9892	1008.9985
513.2309	5	Q 16	1901.9622	951.4850
650.2898	6	H 15	1773.9036	887.4557
779.3324	7	E 14	1636.8447	818.9263
836.3539	8	G 13	1507.8021	754.4050
937.4016	9	T 12	1450.7807	725.8942
1050.4856	10	I 11	1349.7330	675.3704
1178.5442	11	Q 10	1236.6489	618.8284
1277.6126	12	V 9	1108.5904	554.7991
1405.6712	13	Q 8	1009.5219	505.2649
1462.6927	14	G 7	881.4634	441.2356
1590.7512	15	Q 6	824.4419	412.7249
1704.7942	16	N 5	696.3833	348.6956
1817.8782	17	L 4	582.3404	291.6741
1964.9466	18	F 3	469.2563	235.1321
2112.0151	19	F 2	322.1879	161.5979
	20	R 1	175.1195	88.0637

N-term:+43.02

AGVRPDNVAEVVAGAR, MH+ 1622.8615, m/z 541.6253
 H OS G24 P150811 220811-s1.03999.03999.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

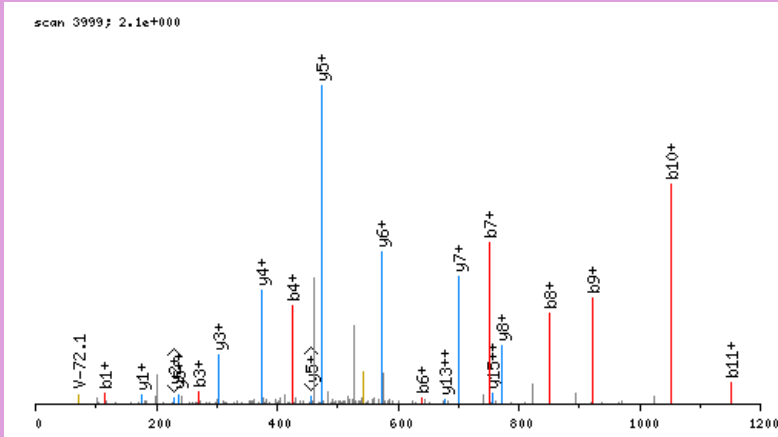
y + 2+ 3+

z + 2+ 3+

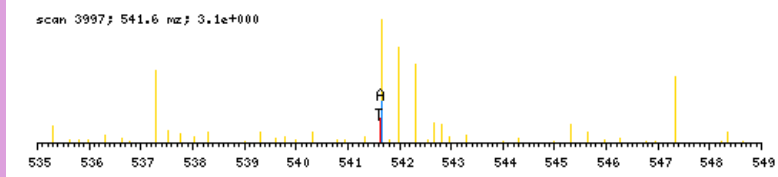
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 16		
171.0770	2	G 15	1509.8138	755.4108
270.1454	3	V 14	1452.7923	726.9001
426.2465	4	R 13	1353.7239	677.3659
523.2993	5	P 12	1197.6228	599.3153
638.3262	6	D 11	1100.5700	550.7889
752.3691	7	N 10	985.5431	493.2754
851.4376	8	V 9	871.5001	436.2540
922.4747	9	A 8	772.4317	386.7198
1051.5173	10	E 7	701.3946	351.2012
1150.5857	11	V 6	572.3520	286.6799
1249.6541	12	V 5	473.2836	237.1457
1320.6912	13	A 4	374.2152	187.6115
1377.7127	14	G 3	303.1781	152.0930
1448.7498	15	A 2	246.1566	123.5822
	16	R 1	175.1195	88.0637

N-term:+43.02

AHATPPSALEQGGPIR, MH+ 1643.8506, m/z 548.6217
 H OS G24 P150811 220811-s1.03273.03273.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

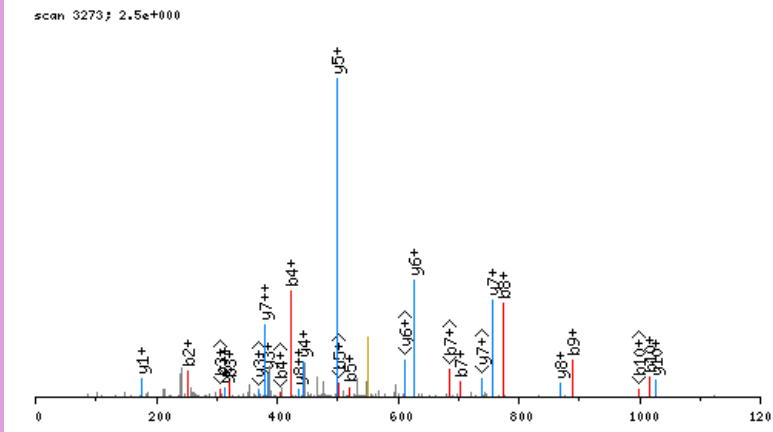
y + 2+ 3+

z + 2+ 3+

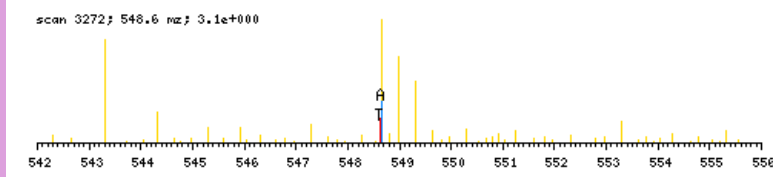
hide H₂O/NH₃

zoom 112-122

GO



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



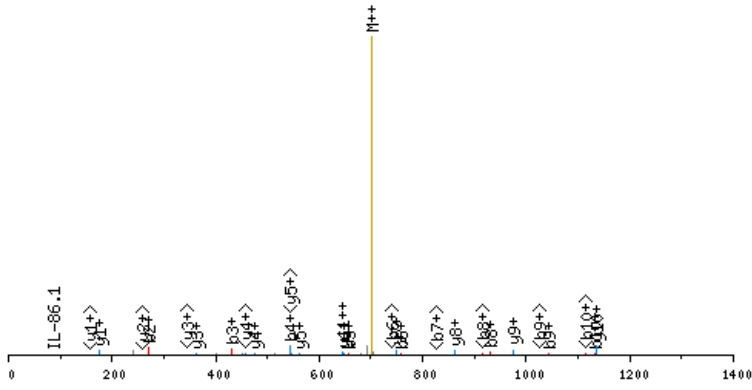
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 16		
251.1144	2	H 15	1530.8029	765.9053
322.1515	3	A 14	1393.7440	697.3759
423.1992	4	T 13	1322.7068	661.8573
520.2520	5	P 12	1221.6592	611.3335
617.3047	6	P 11	1124.6064	562.8071
704.3368	7	S 10	1027.5536	514.2807
775.3739	8	A 9	940.5216	470.7647
888.4580	9	L 8	869.4845	435.2462
1017.5005	10	E 7	756.4004	378.7041
1145.5591	11	Q 6	627.3578	314.1828
1202.5806	12	G 5	499.2993	250.1535
1259.6021	13	G 4	442.2778	221.6428
1356.6548	14	P 3	385.2563	193.1321
1469.7389	15	I 2	288.2036	144.6057
	16	R 1	175.1195	88.0637

N-term:+43.02

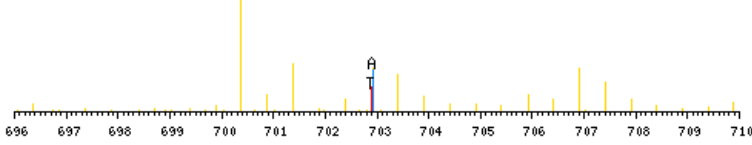
AKCLLTSSLSVR, MH+ 1404.7885, m/z 702.8979
 H OS G25 P150811 220811-s1.06701.06701.2.dta

scan 6701; 2.1e+001



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

scan 6697; 702.9 mz; 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⁺
114.0555	1	A	12	
270.1818	2	K	11	1291.7408
430.2124	3	C	10	1135.6145
543.2965	4	L	9	975.5839
656.3805	5	L	8	862.4998
757.4282	6	T	7	749.4157
844.4602	7	S	6	648.3681
931.4923	8	S	5	561.3360
1044.5763	9	L	4	474.3040
1131.6084	10	S	3	361.2199
1230.6768	11	V	2	274.1879
	12	R	1	175.1195

N-term:+43.02 K(2):+156.13
 C(3):+160.03

AKIAKTHEIEAQIR, MH+ 1833.0871, m/z 459.0272
 H OS G28 P150811 220811-s1.04292.04292.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

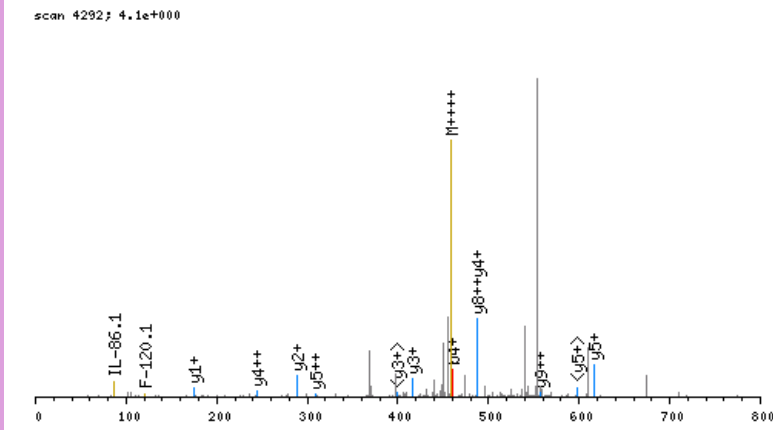
y + 2+ 3+

z + 2+ 3+

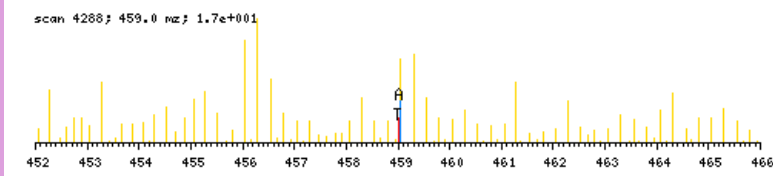
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	15		
276.2136	2	K	14	1720.0394	860.5236
389.2977	3	I	13	1557.8813	779.4446
460.3348	4	A	12	1444.7973	722.9025
622.4929	5	K	11	1373.7601	687.3840
723.5406	6	T	10	1211.6020	606.3049
860.5995	7	H	9	1110.5544	555.7811
989.6421	8	E	8	973.4954	487.2516
1104.6690	9	D	7	844.4529	422.7303
1217.7531	10	I	6	729.4259	365.2169
1346.7957	11	E	5	616.3418	308.6748
1417.8328	12	A	4	487.2993	244.1535
1545.8914	13	Q	3	416.2621	208.6350
1658.9754	14	I	2	288.2036	144.6057
	15	R	1	175.1195	88.0637

N-term:+43.02 K(2):+162.16
 K(5):+162.16

AKIAQGAMYR, MH+ 1184.6674, m/z 592.8374
 H OS G25 P150811 220811-s1.04019.04019.2.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+

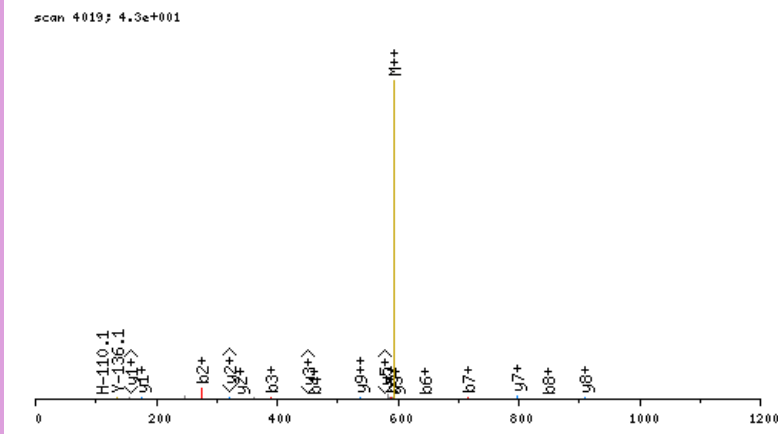
y + 2+ 3+

z + 2+ 3+

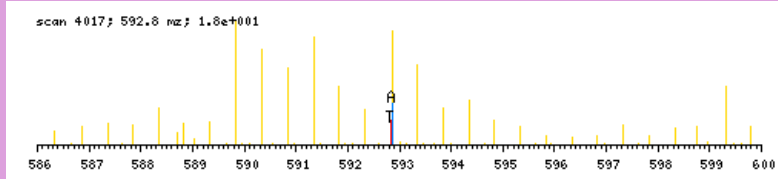
hide H₂O/NH₃

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⁺
114.0555	1	A 10		
276.2136	2	K 9	1071.6197	536.3138
389.2977	3	I 8	909.4616	455.2347
460.3348	4	A 7	796.3776	398.6927
588.3934	5	Q 6	725.3405	363.1741
645.4148	6	G 5	597.2819	299.1449
716.4519	7	A 4	540.2604	270.6341
847.4924	8	M 3	469.2233	235.1156
1010.5558	9	Y 2	338.1828	169.5953
	10	R 1	175.1195	88.0637

N-term:+43.02 K(2):+162.16

AKNGSEADIDESLYSR, MH+ 1024.8616, m/z 608.9587
 H OS G25 P150811 220811-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+

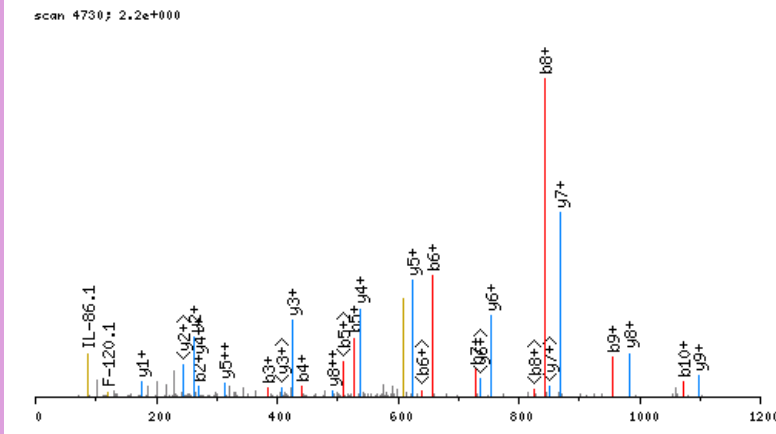
y + 2+ 3+

z + 2+ 3+

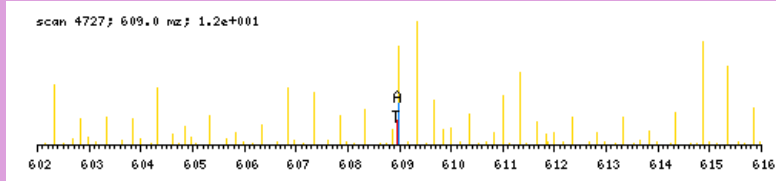
hide H₂O/NH₃

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⁺
114.0555	1	A 16		
270.1818	2	K 15	1711.8139	856.4109
384.2247	3	N 14	1555.6876	778.3477
441.2462	4	G 13	1441.6447	721.3263
528.2782	5	S 12	1384.6232	692.8155
657.3208	6	E 11	1297.5912	649.2995
728.3579	7	A 10	1168.5486	584.7782
843.3849	8	D 9	1097.5115	549.2597
956.4689	9	I 8	982.4846	491.7462
1071.4959	10	D 7	869.4005	435.2042
1200.5385	11	E 6	754.3735	377.6907
1287.5705	12	S 5	625.3310	313.1694
1400.6546	13	L 4	538.2989	269.6534
1563.7179	14	Y 3	425.2149	213.1113
1650.7499	15	S 2	262.1515	131.5797
	16	R 1	175.1195	88.0637

N-term:+43.02 K(2):+156.13

AKTEEMVQTEEMETPR, MH+ 1984.9420, m/z 662.3189
 H OS G24 P150811 220811-s1.03419.03419.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

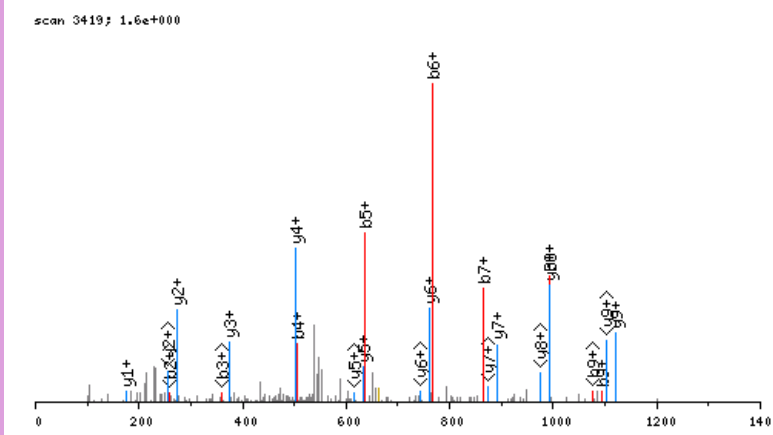
y + 2+ 3+

z + 2+ 3+

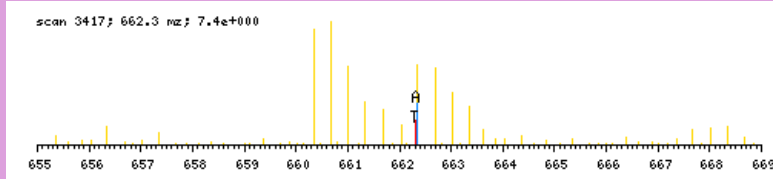
hide H₂O/NH₃

zoom 112-122

GO



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



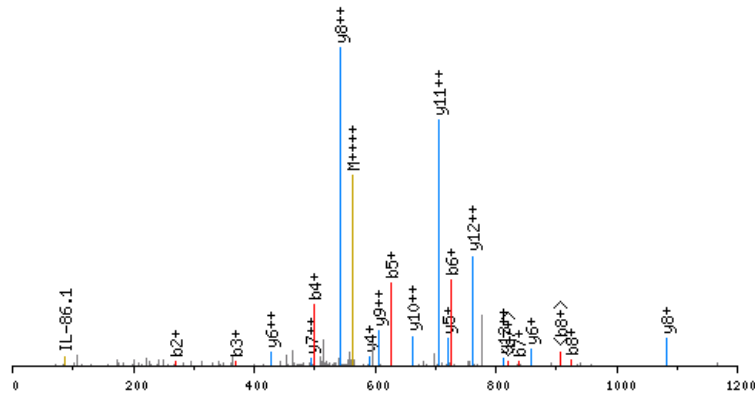
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 16		
276.2136	2	K 15	1871.8943	936.4511
377.2613	3	T 14	1709.7362	855.3720
506.3039	4	E 13	1608.6885	804.8482
635.3465	5	E 12	1479.6460	740.3269
766.3870	6	M 11	1350.6034	675.8056
865.4554	7	V 10	1219.5629	610.2854
993.5140	8	Q 9	1120.4945	560.7511
1094.5616	9	T 8	992.4359	496.7219
1223.6042	10	E 7	891.3882	446.1980
1352.6468	11	E 6	762.3456	381.6767
1483.6873	12	M 5	633.3030	317.1554
1612.7299	13	E 4	502.2625	251.6352
1713.7776	14	T 3	373.2199	187.1139
1810.8303	15	P 2	272.1723	136.5900
	16	R 1	175.1195	88.0637

N-term:+43.02 K(2):+162.16

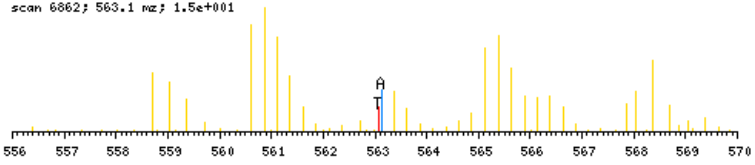
AKVEQVLSLEPQHELKFR, MH+ 2249.2659, m/z 563.0719
 H OS G27 P150811 220811-s1.06865.06865.4.dta

scan 6865; 3.0e+000



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

scan 6862; 563.1 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⁺
114.0555	1	A	18		
270.1818	2	K	17	2136.2182	1068.6130
369.2502	3	V	16	1980.0919	990.5498
498.2928	4	E	15	1881.0235	941.0156
626.3514	5	Q	14	1751.9809	876.4943
725.4198	6	V	13	1623.9223	812.4651
838.5039	7	L	12	1524.8539	762.9308
925.5359	8	S	11	1411.7698	706.3888
1038.6200	9	L	10	1324.7378	662.8728
1167.6626	10	E	9	1211.6537	606.3308
1264.7153	11	P	8	1082.6111	541.8095
1392.7739	12	Q	7	985.5584	493.2831
1529.8328	13	H	6	857.4998	429.2538
1658.8754	14	E	5	720.4409	360.7243
1771.9595	15	L	4	591.3983	296.2031
1928.0858	16	K	3	478.3142	239.6610
2075.1542	17	F	2	322.1879	161.5979
	18	R	1	175.1195	88.0637

N-term: +43.02 K(2): +156.13
 K(16): +156.13

ALDGPEQMELEEGKAGSGLR, MH+ 2157.0498, m/z 719.6881
 H OS G24 P150811 220811-s1.04119.04119.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

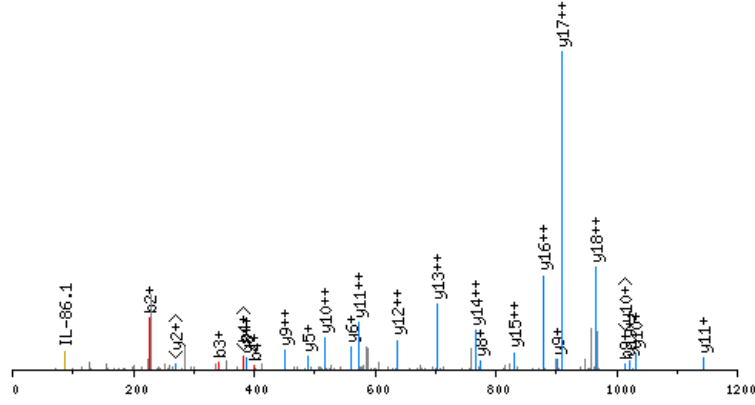
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

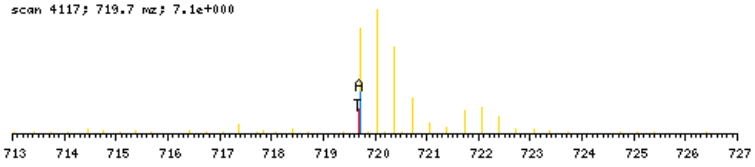
GO

scan 4119; 3.5e+000



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

scan 4117; 719.7 nz; 7.1e+000



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 20		
227.1396	2	L 19	2044.0021	1022.5050
342.1665	3	D 18	1930.9181	965.9629
399.1880	4	G 17	1815.8911	908.4495
496.2407	5	P 16	1758.8697	879.9387
625.2833	6	E 15	1661.8169	831.4124
753.3419	7	Q 14	1532.7743	766.8911
884.3824	8	M 13	1404.7157	702.8618
1013.4250	9	E 12	1273.6752	637.3415
1126.5091	10	L 11	1144.6326	572.8202
1255.5517	11	E 10	1031.5486	516.2782
1384.5942	12	E 9	902.5060	451.7569
1441.6157	13	G 8	773.4634	387.2356
1597.7420	14	K 7	716.4419	358.7249
1668.7791	15	A 6	560.3156	280.6617
1725.8006	16	G 5	489.2785	245.1432
1812.8326	17	S 4	432.2571	216.6324
1869.8541	18	G 3	345.2250	173.1164
1982.9381	19	L 2	288.2036	144.6057
	20	R 1	175.1195	88.0637

N-term:+43.02 K(14):+156.13

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

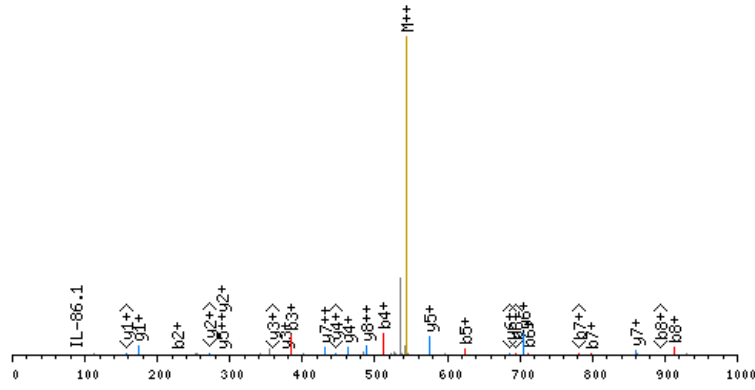
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

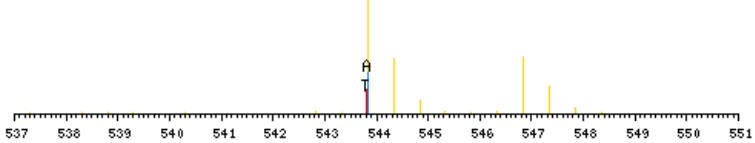
GO

scan 3078; 5.8e+001



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

scan 3077; 543.8 m/z; 6.0e+002



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A	9	
227.1396	2	L	8	973.5795
383.2659	3	K	7	860.4954
511.3245	4	Q	6	704.3691
624.4085	5	I	5	576.3105
711.4405	6	S	4	463.2265
798.4726	7	S	3	376.1945
912.5155	8	N	2	289.1624
	9	R	1	175.1195

N-term:+43.02 K(3):+156.13

ALLAEHLKPLPADR, MH+ 1733.0538, m/z 578.3561
 H OS G26 P150811 220811-s1.06832.06832.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

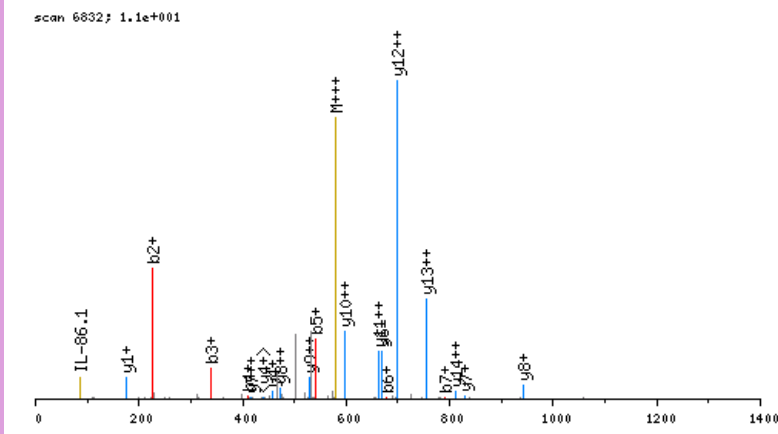
y + 2+ 3+

z + 2+ 3+

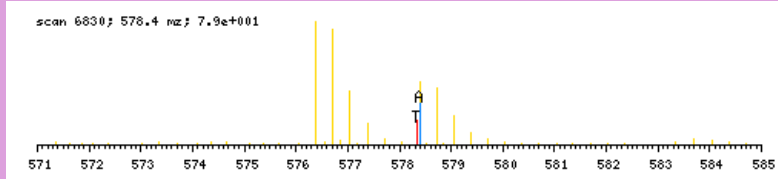
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 15		
227.1396	2	L 14	1620.0061	810.5070
340.2236	3	L 13	1506.9221	753.9649
411.2608	4	A 12	1393.8380	697.4229
540.3033	5	E 11	1322.8009	661.9044
677.3623	6	H 10	1193.7583	597.3831
790.4463	7	L 9	1056.6994	528.8536
903.5304	8	L 8	943.6153	472.3116
1065.6885	9	K 7	830.5312	415.7695
1162.7413	10	P 6	668.3731	334.6905
1275.8253	11	L 5	571.3204	286.1641
1372.8781	12	P 4	458.2363	229.6221
1443.9152	13	A 3	361.1836	181.0957
1558.9421	14	D 2	290.1464	145.5771
	15	R 1	175.1195	88.0637

N-term:+43.02 K(9):+162.16

ALPGPAVFGPGSR, MH+ 1267.6799, m/z 634.3436
 H OS G29 P150811 220811-s1.05481.05481.2.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+

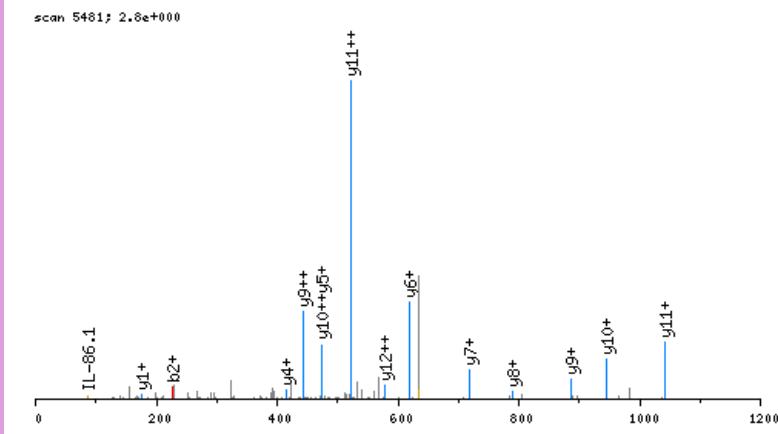
y + 2+ 3+

z + 2+ 3+

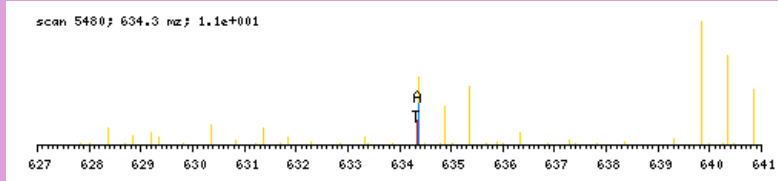
hide H₂O/NH₃

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⁺
114.0555	1	A 13		
227.1396	2	L 12	1154.6322	577.8200
324.1923	3	P 11	1041.5482	521.2780
381.2138	4	G 10	944.4954	472.7516
478.2666	5	P 9	887.4739	444.2409
549.3037	6	A 8	790.4212	395.7145
648.3721	7	V 7	719.3840	360.1959
795.4405	8	F 6	620.3156	310.6617
852.4620	9	G 5	473.2472	237.1275
949.5147	10	P 4	416.2258	208.6168
1006.5362	11	G 3	319.1730	160.0904
1093.5682	12	S 2	262.1515	131.5797
	13	R 1	175.1195	88.0637

N-term:+43.02

ALQALHSSGVGLR, MH+ 1350.7494, m/z 675.8783
 H OS G25 P150811 220811-s1.06501.06501.2.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+

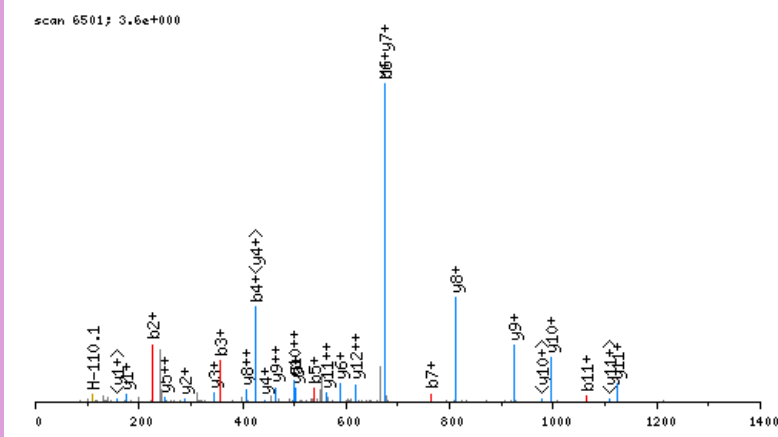
y + 2+ 3+

z + 2+ 3+

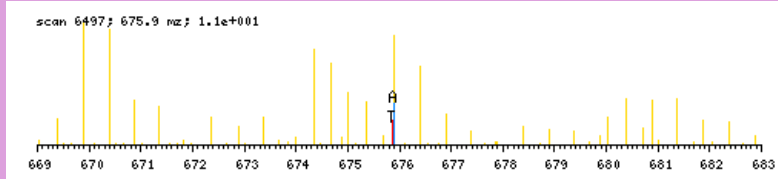
hide H₂O/NH₃

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⁺
114.0555	1	A 13		
227.1396	2	L 12	1237.7017	619.3548
355.1982	3	Q 11	1124.6176	562.8127
426.2353	4	A 10	996.5591	498.7834
539.3193	5	L 9	925.5219	463.2649
676.3782	6	H 8	812.4379	406.7228
763.4103	7	S 7	675.3790	338.1934
850.4423	8	S 6	588.3469	294.6774
907.4638	9	G 5	501.3149	251.1614
1006.5322	10	V 4	444.2934	222.6506
1063.5536	11	G 3	345.2250	173.1164
1176.6377	12	L 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+43.02

ALSHSEALEAEER, MH+ 1483.7029, m/z 495.2391
 H OS G27 P150811 220811-s1.04534.04534.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

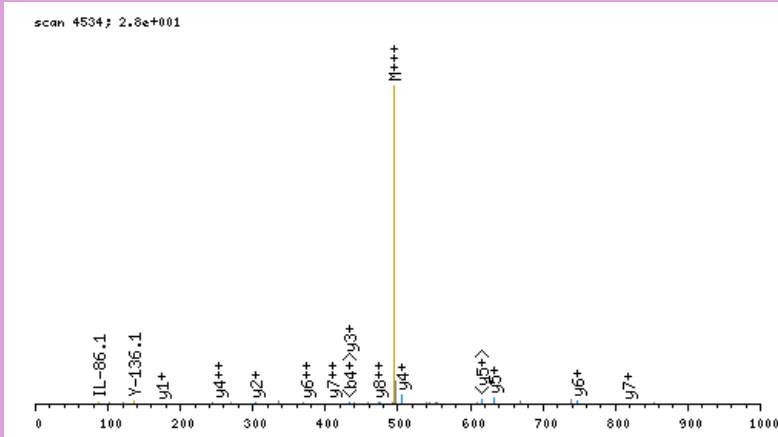
y + 2+ 3+

z + 2+ 3+

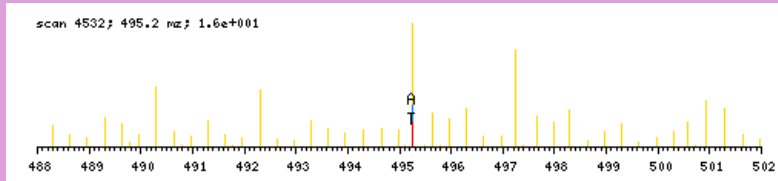
hide H₂O/NH₃

zoom 112-122

GO



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



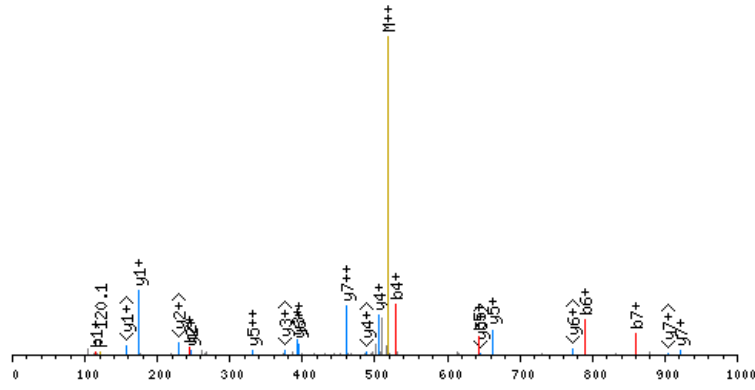
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 13		
227.1396	2	L 12	1370.6552	685.8315
314.1716	3	S 11	1257.5711	629.2895
451.2305	4	H 10	1170.5391	585.7735
538.2625	5	S 9	1033.4802	517.2440
667.3051	6	E 8	946.4482	473.7280
738.3423	7	A 7	817.4056	409.2067
851.4263	8	L 6	746.3685	373.6881
980.4689	9	E 5	633.2844	317.1461
1051.5060	10	A 4	504.2418	252.6248
1180.5486	11	E 3	433.2047	217.1063
1309.5912	12	E 2	304.1621	152.5850
	13	R 1	175.1195	88.0637

N-term:+43.02

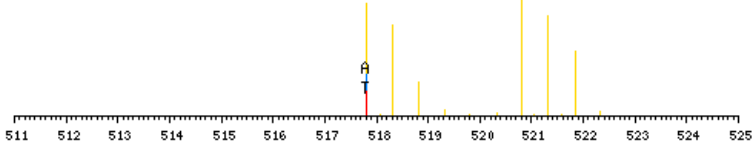
AMQKIFAR, MH+ 1034.5821, m/z 517.7947
 H OS G25 P150811 220811-s1.05778.05778.2.dta

scan 5778; 4.8e+001



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

scan 5777; 517.8 m/z; 2.1e+003



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A	8	
245.0960	2	M	7	921.5345 461.2711
373.1546	3	Q	6	790.4940 395.7509
529.2809	4	K	5	662.4354 331.7216
642.3649	5	I	4	506.3091 253.6585
789.4334	6	F	3	393.2250 197.1164
860.4705	7	A	2	246.1566 123.5822
	8	R	1	175.1195 88.0637

N-term:+43.02 K(4):+156.13

AMRRLFAR, MH+ 1062.5995, m/z 531.8034
 H OS G25 P150811 220811-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+

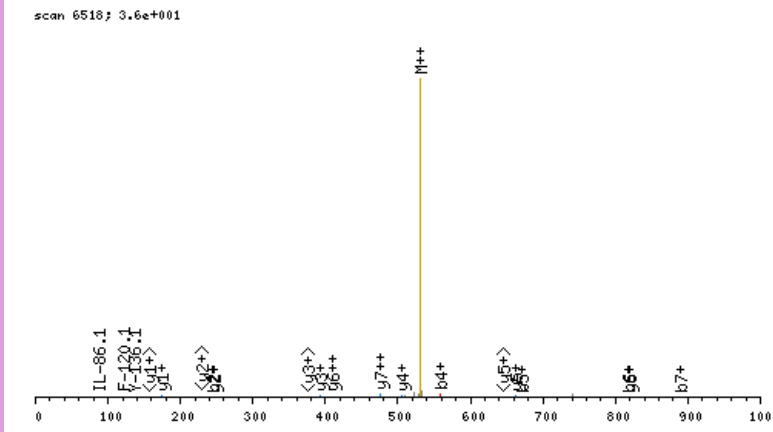
y + 2+ 3+

z + 2+ 3+

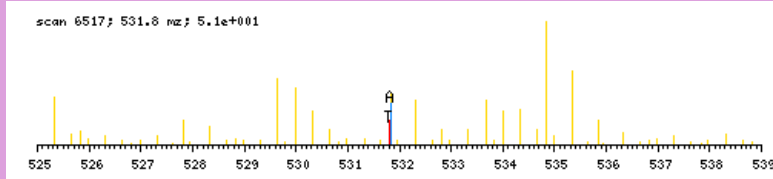
hide H₂O/NH₃

zoom 112-122

GO



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



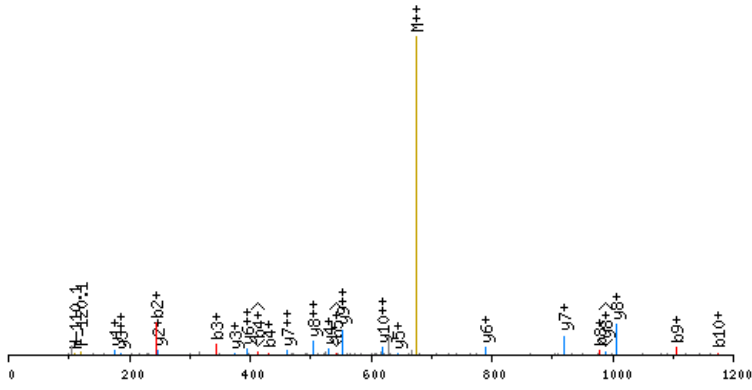
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 8		
245.0960	2	M 7	949.5518	475.2798
401.1971	3	R 6	818.5113	409.7596
557.2982	4	R 5	662.4102	331.7090
670.3823	5	L 4	506.3091	253.6585
817.4507	6	F 3	393.2250	197.1164
888.4878	7	A 2	246.1566	123.5822
	8	R 1	175.1195	88.0637

N-term:+43.02

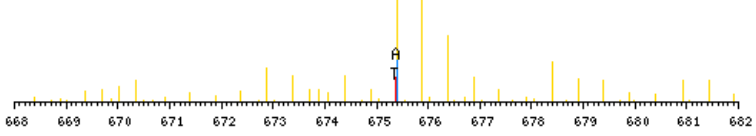
AMVSEFLKQAR, MH+ 1349.7252, m/z 675.3662
 H OS G25 P150811 220811-s1.07416.07416.2.dta

scan 7416; 7.8e+000



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

scan 7412; 675.4 m/z; 9.1e+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⁺
114.0555	1	A	11	
245.0960	2	M	10	1236.6775 618.8427
344.1644	3	V	9	1105.6370 553.3224
431.1964	4	S	8	1006.5686 503.7882
560.2390	5	E	7	919.5366 460.2722
707.3074	6	F	6	790.4940 395.7509
820.3915	7	L	5	643.4256 322.2167
976.5178	8	K	4	530.3415 265.6747
1104.5764	9	Q	3	374.2152 187.6115
1175.6135	10	A	2	246.1566 123.5822
	11	R	1	175.1195 88.0637

N-term:+43.02 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+

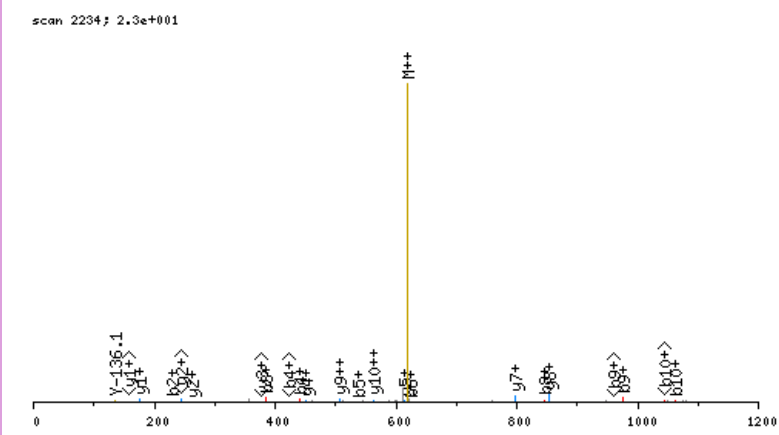
y + 2+ 3+

z + 2+ 3+

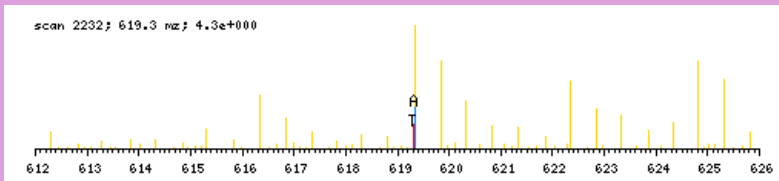
hide H₂O/NH₃

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⁺
114.0555	1	A 11		
228.0984	2	N 10	1124.5523	562.7801
384.2247	3	K 9	1010.5094	505.7586
441.2462	4	G 8	854.3831	427.6954
538.2990	5	P 7	797.3616	399.1847
625.3310	6	S 6	700.3088	350.6583
788.3943	7	Y 5	613.2768	307.1423
845.4158	8	G 4	450.2135	225.6107
976.4563	9	M 3	393.1920	197.0999
1063.4883	10	S 2	262.1515	131.5797
	11	R 1	175.1195	88.0637

N-term:+43.02 K(3):+156.13

ANSANTNTVPKLYR, MH+ 1618.8553, m/z 540.2900
 H OS G25 P150811 220811-s1.04351.04351.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

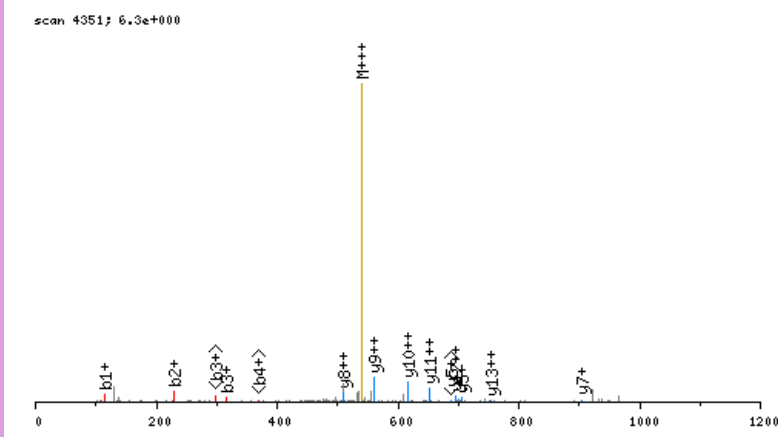
y + 2+ 3+

z + 2+ 3+

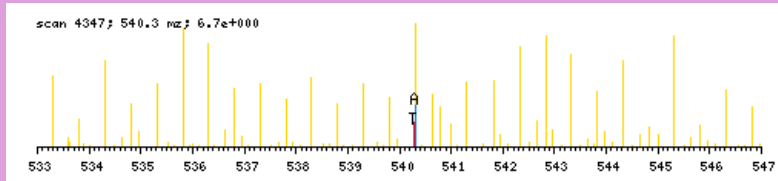
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 14		
228.0984	2	N 13	1505.8077	753.4077
315.1305	3	S 12	1391.7647	696.3863
386.1676	4	A 11	1304.7327	652.8703
500.2105	5	N 10	1233.6956	617.3517
601.2582	6	T 9	1119.6527	560.3302
715.3011	7	N 8	1018.6050	509.8064
816.3488	8	T 7	904.5620	452.7849
915.4172	9	V 6	803.5144	402.2611
1012.4700	10	P 5	704.4460	352.7269
1168.5963	11	K 4	607.3932	304.2005
1281.6803	12	L 3	451.2669	226.1374
1444.7437	13	Y 2	338.1828	169.5953
	14	R 1	175.1195	88.0637

N-term:+43.02 K(11):+156.13

AQALSEEEFQR, MH+ 1349.6337, m/z 675.3205
 H OS G29 P150811 220811-s1.04269.04269.2.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+

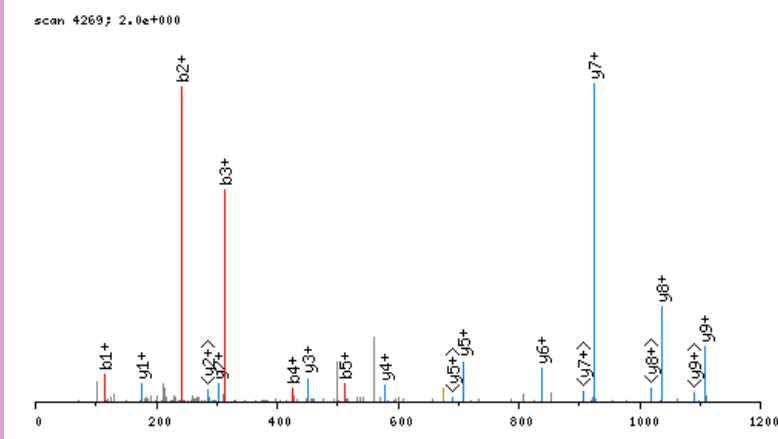
y + 2+ 3+

z + 2+ 3+

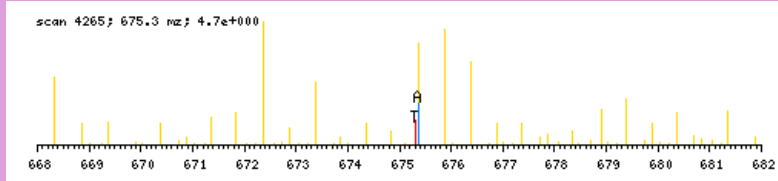
hide H₂O/NH₃

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⁺
114.0555	1	A 11		
242.1141	2	Q 10	1236.5861	618.7969
313.1512	3	A 9	1108.5275	554.7677
426.2353	4	L 8	1037.4904	519.2491
513.2673	5	S 7	924.4063	462.7071
642.3099	6	E 6	837.3743	419.1910
771.3525	7	E 5	708.3317	354.6698
900.3951	8	E 4	579.2891	290.1485
1047.4635	9	F 3	450.2465	225.6272
1175.5221	10	Q 2	303.1781	152.0930
	11	R 1	175.1195	88.0637

N-term:+43.02

AQAPAKCPSYPGSGDGEMGKLR, MH+ 2375.1488, m/z 594.5427
 H OS G26 P150811 220811-s1.03462.03462.4.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+

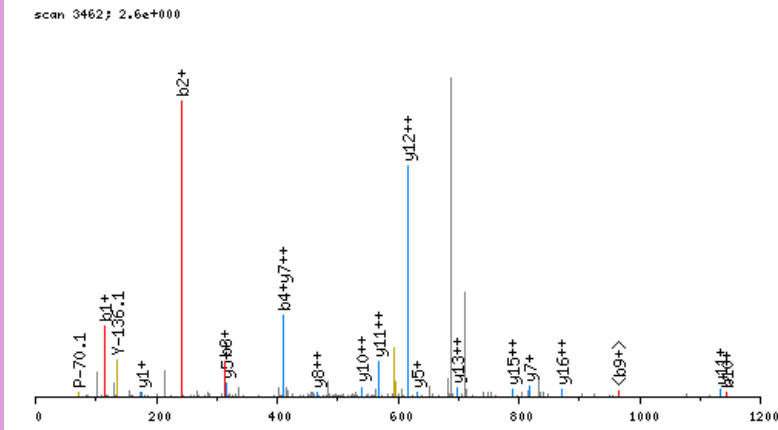
y + 2+ 3+

z + 2+ 3+

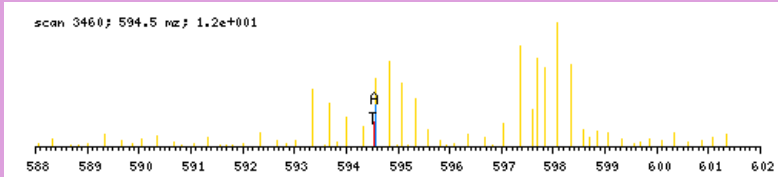
hide H₂O/NH₃

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⁺
114.0555	1	A	22		
242.1141	2	Q	21	2262.1011	1131.5545
313.1512	3	A	20	2134.0425	1067.5252
410.2040	4	P	19	2063.0054	1032.0066
481.2411	5	A	18	1965.9527	983.4802
637.3674	6	K	17	1894.9156	947.9617
797.3980	7	C	16	1738.7893	869.8985
894.4507	8	P	15	1578.7587	789.8832
981.4828	9	S	14	1481.7059	741.3569
1144.5461	10	Y	13	1394.6739	697.8408
1241.5989	11	P	12	1231.6105	616.3092
1298.6203	12	G	11	1134.5578	567.7828
1385.6524	13	S	10	1077.5363	539.2721
1442.6738	14	G	9	990.5043	495.7561
1557.7008	15	D	8	933.4828	467.2453
1614.7222	16	G	7	818.4559	409.7318
1743.7648	17	E	6	761.4344	381.2211
1874.8053	18	M	5	632.3918	316.6998
1931.8268	19	G	4	501.3513	251.1796
2087.9531	20	K	3	444.3299	222.6688
2201.0371	21	L	2	288.2036	144.6057
	22	R	1	175.1195	88.0637

N-term:+43.02 K(6):+156.13
 C(7):+160.03 K(20):+156.13

AQAPTIVIVTQPGFVR, MH+ 1625.9015, m/z 542.6387
 H OS G29 P150811 220811-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+

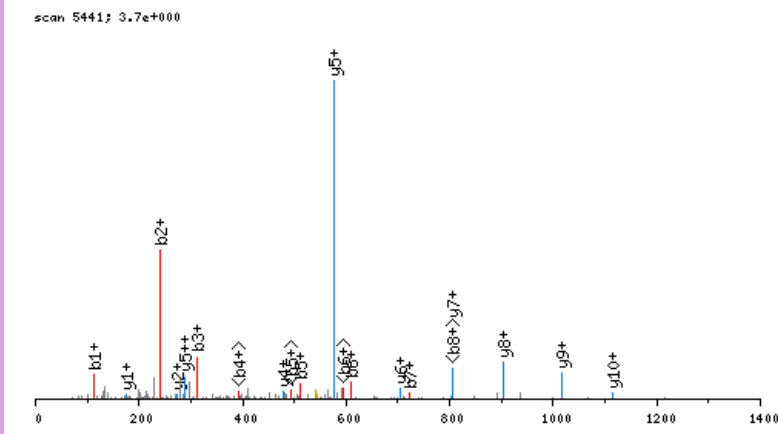
y + 2+ 3+

z + 2+ 3+

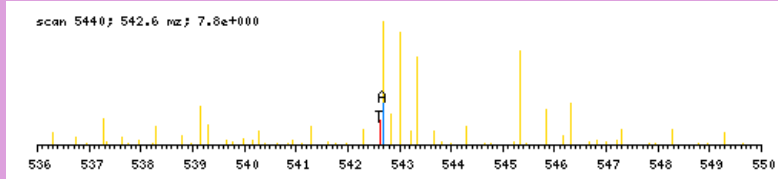
hide H₂O/NH₃

zoom 112-122

GO



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



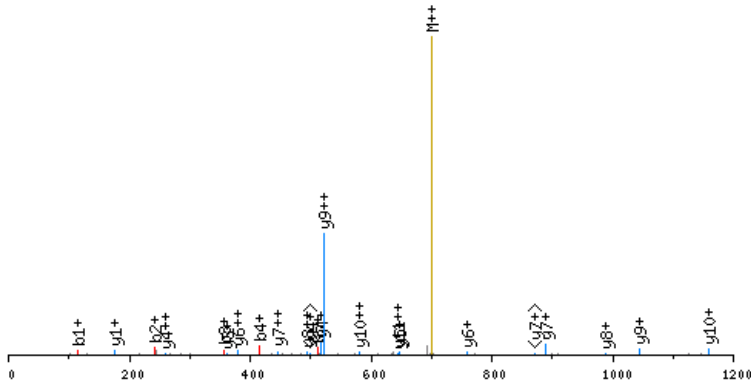
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 15		
242.1141	2	Q 14	1512.8538	756.9308
313.1512	3	A 13	1384.7953	692.9015
410.2040	4	P 12	1313.7581	657.3830
511.2516	5	T 11	1216.7054	608.8566
610.3201	6	V 10	1115.6577	558.3328
723.4041	7	I 9	1016.5893	508.7986
822.4725	8	V 8	903.5052	452.2565
923.5202	9	T 7	804.4368	402.7223
1051.5788	10	Q 6	703.3891	352.1985
1148.6316	11	P 5	575.3306	288.1692
1205.6530	12	G 4	478.2778	239.6428
1352.7214	13	F 3	421.2563	211.1321
1451.7899	14	V 2	274.1879	137.5979
	15	R 1	175.1195	88.0637

N-term:+43.02

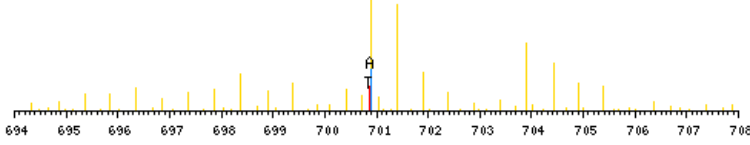
AQDGVLEKSVR, MH+ 1400.7386, m/z 700.8729
 H OS G25 P150811 220811-s1.04375.04375.2.dta

scan 4375; 1.2e+001



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

scan 4372; 700.9 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

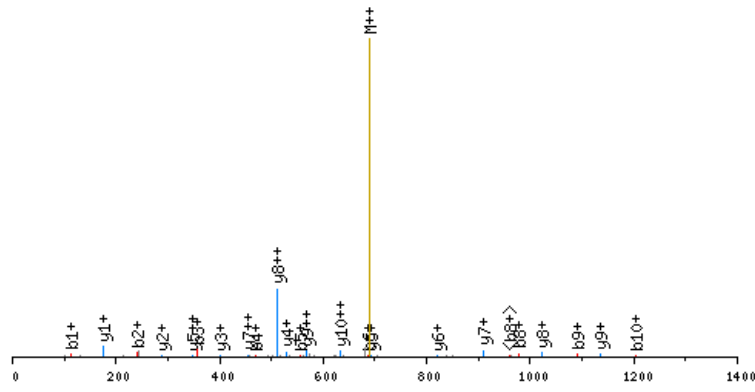
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	12		
242.1141	2	Q	11	1287.6909	644.3494
357.1410	3	D	10	1159.6323	580.3201
414.1625	4	G	9	1044.6054	522.8066
513.2309	5	V	8	987.5839	494.2959
642.2735	6	E	7	888.5155	444.7617
755.3576	7	L	6	759.4729	380.2404
884.4002	8	E	5	646.3888	323.6983
1040.5265	9	K	4	517.3462	259.1770
1127.5585	10	S	3	361.2199	181.1139
1226.6269	11	V	2	274.1879	137.5979
	12	R	1	175.1195	88.0637

N-term:+43.02 K(9):+156.13

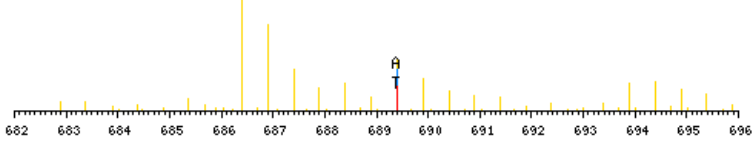
AQDLSEKELLR, MH+ 1377.7802, m/z 689.3937
 H OS G25 P150811 220811-s1.05610.05610.2.dta

scan 5610; 1.2e+001



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

scan 5607; 689.4 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⁺
114.0555	1	A 11		
242.1141	2	Q 10	1264.7325	632.8702
357.1410	3	D 9	1136.6740	568.8409
470.2251	4	L 8	1021.6470	511.3274
557.2571	5	S 7	908.5629	454.7854
686.2997	6	E 6	821.5309	411.2694
848.4578	7	K 5	692.4883	346.7481
977.5004	8	E 4	530.3302	265.6690
1090.5845	9	L 3	401.2876	201.1477
1203.6685	10	L 2	288.2036	144.6057
	11	R 1	175.1195	88.0637

N-term:+43.02 K(7):+162.16

AQDQGEKENPMR, MH+ 1472.6804, m/z 491.5650
 H OS G25 P150811 220811-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+

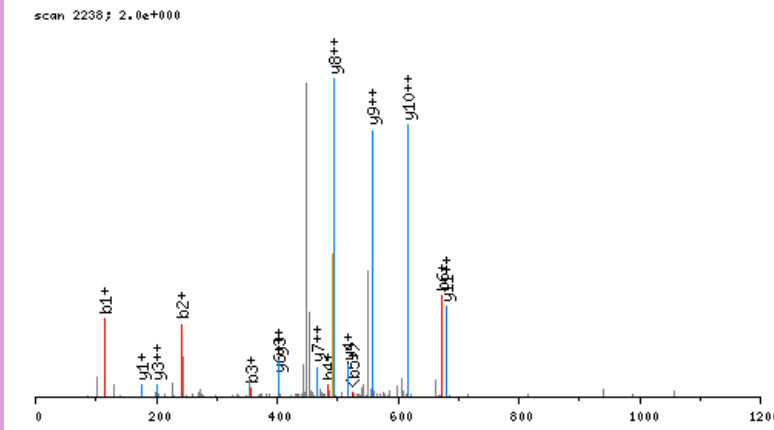
y + 2+ 3+

z + 2+ 3+

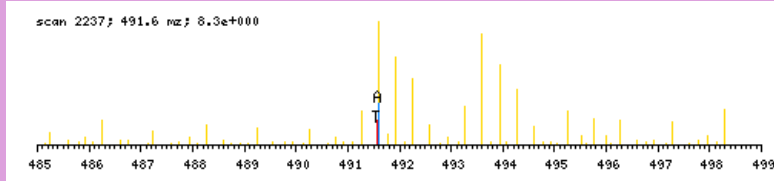
hide H₂O/NH₃

zoom 112-122

GO



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



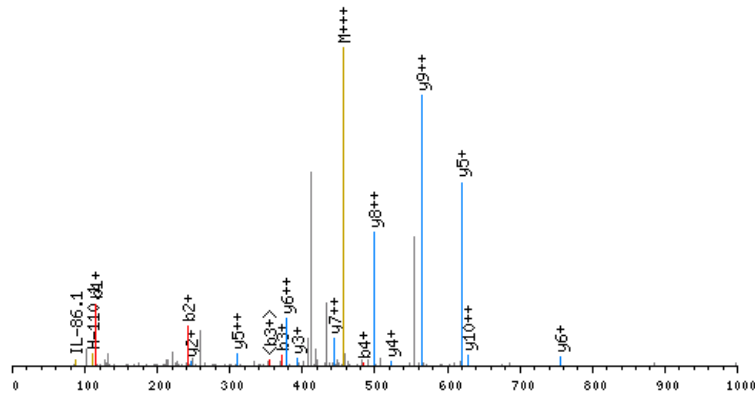
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	12		
242.1141	2	Q	11	1359.6327	680.3203
357.1410	3	D	10	1231.5741	616.2910
485.1996	4	Q	9	1116.5472	558.7775
542.2211	5	G	8	988.4886	494.7482
671.2637	6	E	7	931.4672	466.2375
827.3900	7	K	6	802.4246	401.7162
956.4326	8	E	5	646.2983	323.6530
1070.4755	9	N	4	517.2557	259.1318
1167.5283	10	P	3	403.2127	202.1103
1298.5687	11	M	2	306.1600	153.5839
	12	R	1	175.1195	88.0637

N-term:+43.02 K(7):+156.13

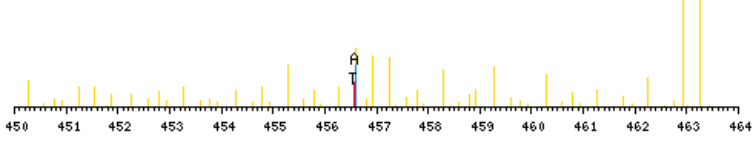
AQELQHPEFAR, MH+ 1367.6708, m/z 456.5618
 H OS G25 P150811 220811-s1.04868.04868.3.dta

scan 4868; 2.2e+000



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

scan 4867; 456.6 m/z; 1.9e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

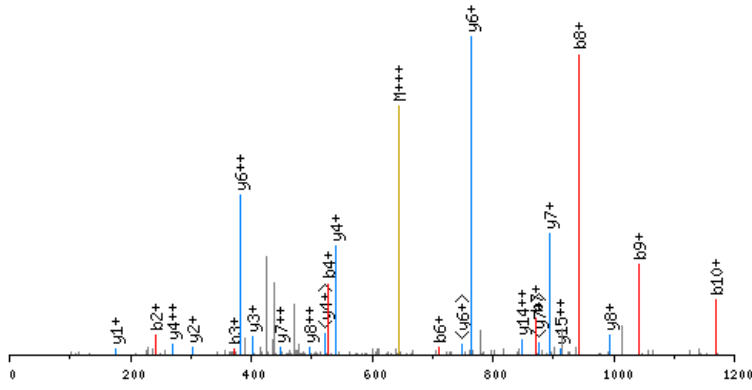
GO

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 11		
242.1141	2	Q 10	1254.6231	627.8155
371.1567	3	E 9	1126.5645	563.7862
484.2407	4	L 8	997.5219	499.2649
612.2993	5	Q 7	884.4379	442.7228
749.3582	6	H 6	756.3793	378.6936
846.4110	7	P 5	619.3204	310.1641
975.4536	8	E 4	522.2676	261.6377
1122.5220	9	F 3	393.2250	197.1164
1193.5591	10	A 2	246.1566	123.5822
	11	R 1	175.1195	88.0637

N-term:+43.02

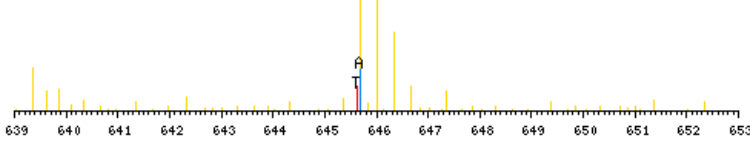
AQERPSCAVEPEHVQR, MH+ 1934.9142, m/z 645.6429
 H OS G26 P150811 220811-s1.02391.02391.3.dta

scan 2391; 2.6e+000



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

scan 2390; 645.6 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⁺
114.0555	1	A 16		
242.1141	2	Q 15	1821.8666	911.4372
371.1567	3	E 14	1693.8080	847.4079
527.2578	4	R 13	1564.7654	782.8866
624.3106	5	P 12	1408.6643	704.8360
711.3426	6	S 11	1311.6115	656.3097
871.3732	7	C 10	1224.5795	612.7937
942.4103	8	A 9	1064.5489	532.7784
1041.4787	9	V 8	993.5118	497.2598
1170.5213	10	E 7	894.4434	447.7256
1267.5741	11	P 6	765.4008	383.2043
1396.6167	12	E 5	668.3480	334.6779
1533.6756	13	H 4	539.3054	270.1566
1632.7440	14	V 3	402.2465	201.6272
1760.8026	15	Q 2	303.1781	152.0930
	16	R 1	175.1195	88.0637

N-term:+43.02 C(7):+160.03

AQEVSEYLSQNPR, MH+ 1562.7451, m/z 521.5865
 H OS G29 P150811 220811-s1.05396.05396.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

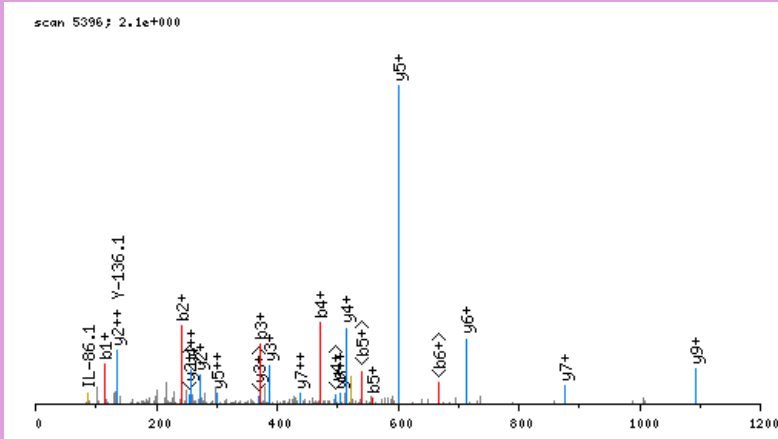
y + 2+ 3+

z + 2+ 3+

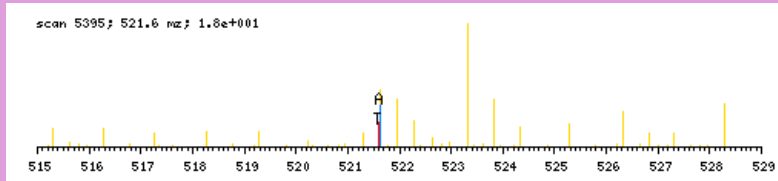
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 13		
242.1141	2	Q 12	1449.6974	725.3526
371.1567	3	E 11	1321.6388	661.3233
470.2251	4	V 10	1192.5962	596.8020
557.2571	5	S 9	1093.5278	547.2678
686.2997	6	E 8	1006.4958	503.7518
849.3630	7	Y 7	877.4532	439.2305
962.4471	8	L 6	714.3899	357.6988
1049.4791	9	S 5	601.3058	301.1568
1177.5377	10	Q 4	514.2738	257.6408
1291.5806	11	N 3	386.2152	193.6115
1388.6334	12	P 2	272.1723	136.5900
	13	R 1	175.1195	88.0637

N-term:+43.02

AQGLIEVER, MH+ 1056.5690, m/z 528.7881
 H OS G29 P150811 220811-s1.04426.04426.2.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+

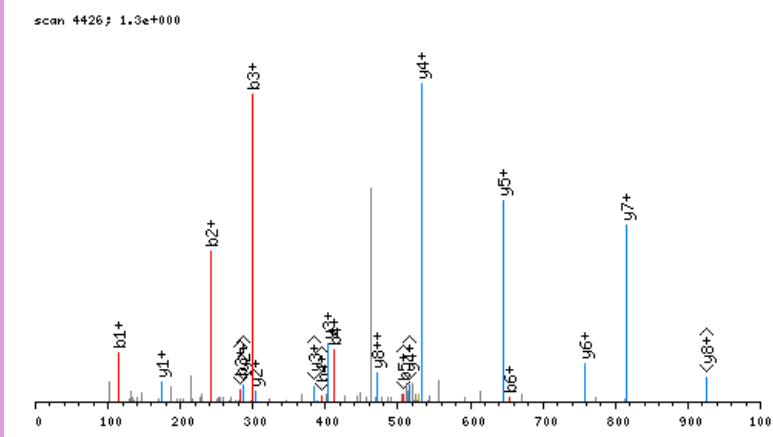
y + 2+ 3+

z + 2+ 3+

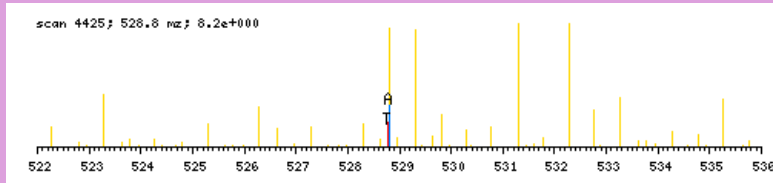
hide H₂O/NH₃

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⁺
114.0555	1	A	9	
242.1141	2	Q	8	943.5213
299.1356	3	G	7	815.4627
412.2196	4	L	6	758.4412
525.3037	5	I	5	645.3572
654.3463	6	E	4	532.2731
753.4147	7	V	3	403.2305
882.4573	8	E	2	304.1621
	9	R	1	175.1195

N-term:+43.02

AQGSHQIDFQVLHDLR, MH+ 1905.9571, m/z 635.9906
 H OS G27 P150811 220811-s1.06691.06691.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

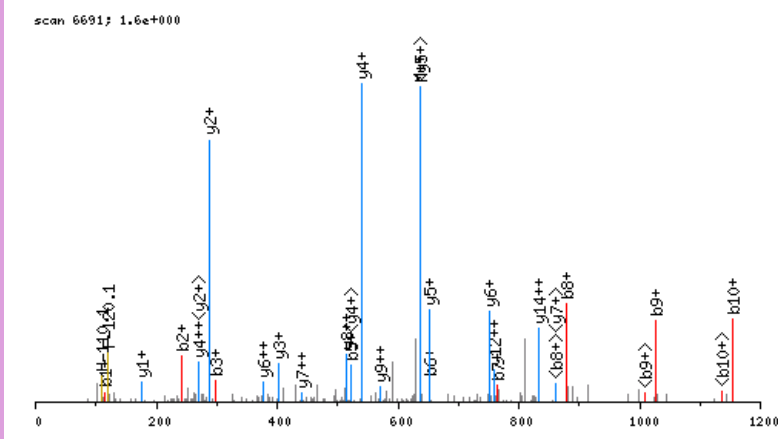
y + 2+ 3+

z + 2+ 3+

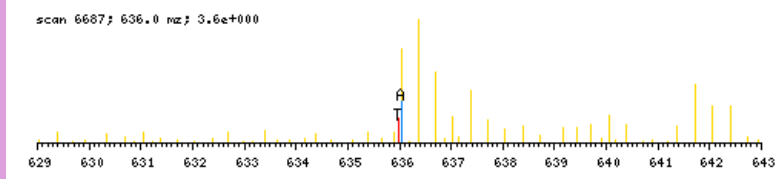
hide H₂O/NH₃

zoom 112-122

GO



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



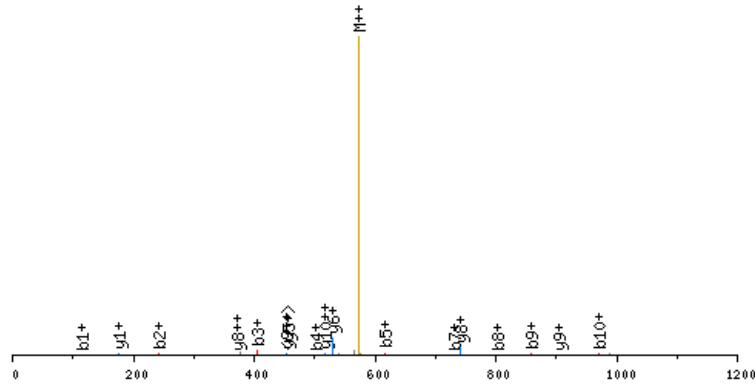
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 16		
242.1141	2	Q 15	1792.9095	896.9586
299.1356	3	G 14	1664.8509	832.9294
386.1676	4	S 13	1607.8294	804.4186
523.2265	5	H 12	1520.7974	760.9026
651.2851	6	Q 11	1383.7385	692.3731
764.3691	7	I 10	1255.6799	628.3439
879.3961	8	D 9	1142.5958	571.8018
1026.4645	9	F 8	1027.5689	514.2884
1154.5231	10	Q 7	880.5005	440.7542
1253.5915	11	V 6	752.4419	376.7249
1366.6755	12	L 5	653.3735	327.1907
1503.7345	13	H 4	540.2894	270.6486
1618.7614	14	D 3	403.2305	202.1192
1731.8455	15	L 2	288.2036	144.6057
	16	R 1	175.1195	88.0637

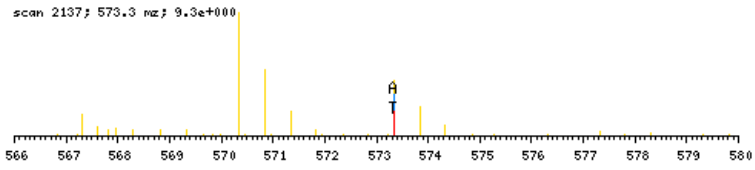
N-term:+43.02

AQKPDGGAGLR, MH+ 1145.6491, m/z 573.3282
 H OS G25 P150811 220811-s1.02139.02139.2.dta

scan 2139; 3.5e+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:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	11		
242.1141	2	Q	10	1032.6015	516.8046
404.2722	3	K	9	904.5429	452.7754
501.3250	4	P	8	742.3848	371.6963
616.3519	5	D	7	645.3320	323.1699
673.3734	6	G	6	530.3051	265.6564
730.3948	7	G	5	473.2836	237.1457
801.4319	8	A	4	416.2621	208.6350
858.4534	9	G	3	345.2250	173.1164
971.5375	10	L	2	288.2036	144.6057
	11	R	1	175.1195	88.0637

N-term:+43.02 K(3):+162.16

AQNLIKDLAGR, MH+ 1161.6804, m/z 581.3439
 H OS G25 P150811 220811-s1.04760.04760.2.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+

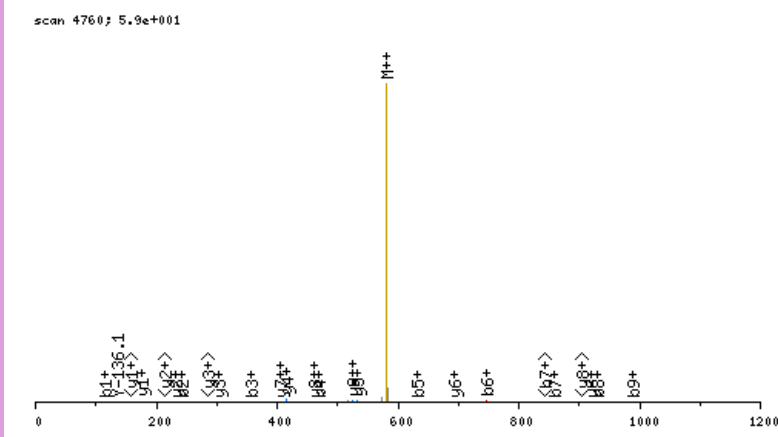
y + 2+ 3+

z + 2+ 3+

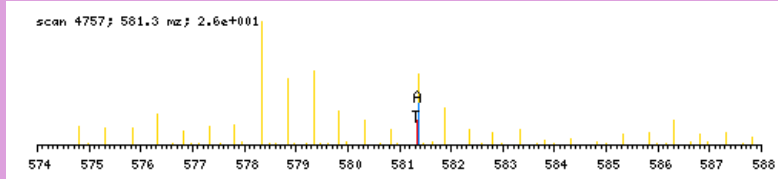
hide H₂O/NH₃

zoom 112-122

GO



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



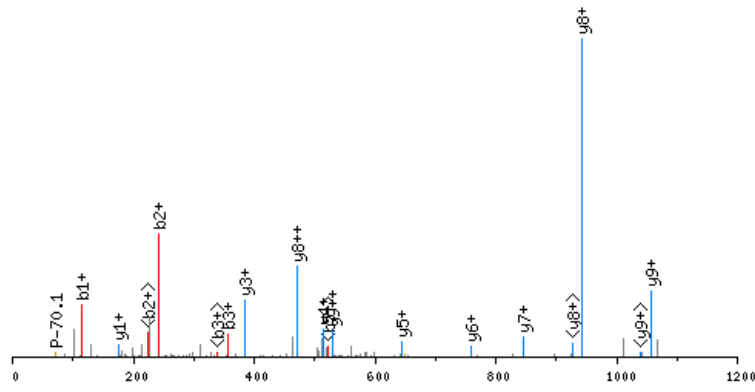
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	10		
242.1141	2	Q	9	1048.6328	524.8203
356.1570	3	N	8	920.5742	460.7910
469.2411	4	L	7	806.5312	403.7695
631.3992	5	K	6	693.4472	347.2275
746.4261	6	D	5	531.2891	266.1485
859.5102	7	L	4	416.2621	208.6350
930.5473	8	A	3	303.1781	152.0930
987.5688	9	G	2	232.1410	116.5744
	10	R	1	175.1195	88.0637

N-term:+43.02 K(5):+162.16

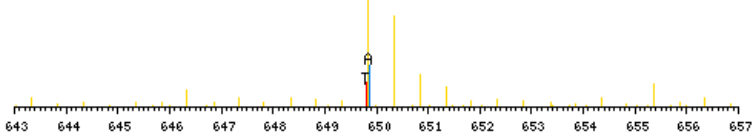
AQNPSNMEPLR, MH+ 1298.6163, m/z 649.8118
 H OS G29 P150811 220811-s1.03478.03478.2.dta

scan 3478; 2.7e+000



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

scan 3475; 649.8 m/z; 9.3e+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⁺
114.0555	1	A 11		
242.1141	2	Q 10	1185.5686	593.2882
356.1570	3	N 9	1057.5101	529.2589
453.2098	4	P 8	943.4671	472.2375
540.2418	5	S 7	846.4144	423.7111
654.2847	6	N 6	759.3823	380.1951
785.3252	7	M 5	645.3394	323.1736
914.3678	8	E 4	514.2989	257.6534
1011.4206	9	P 3	385.2563	193.1321
1124.5046	10	L 2	288.2036	144.6057
	11	R 1	175.1195	88.0637

N-term:+43.02

AQPGPAPQPDVSLQQR, MH+ 1730.8826, m/z 577.6324
 H OS G29 P150811 220811-s1.03619.03619.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

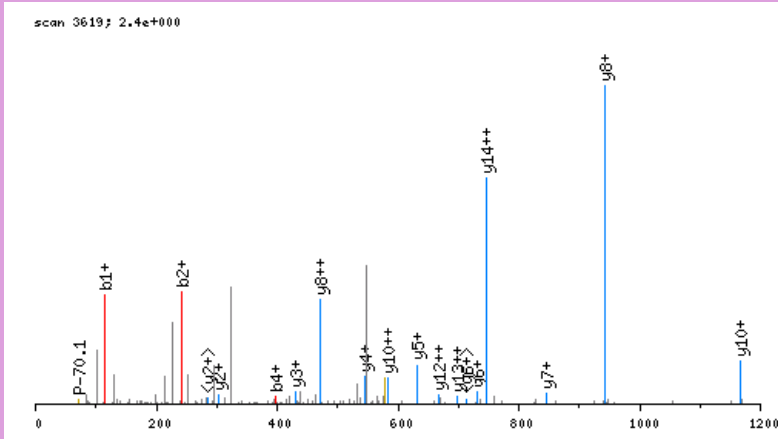
y + 2+ 3+

z + 2+ 3+

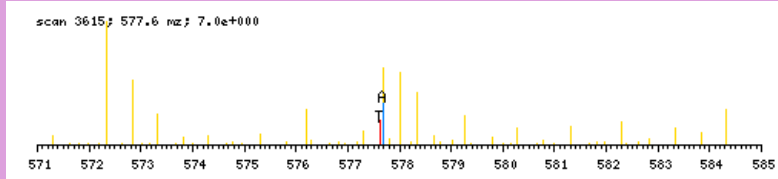
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 16		
242.1141	2	Q 15	1617.8349	809.4214
339.1669	3	P 14	1489.7763	745.3921
396.1883	4	G 13	1392.7236	696.8657
493.2411	5	P 12	1335.7021	668.3550
564.2782	6	A 11	1238.6493	619.8286
661.3310	7	P 10	1167.6122	584.3100
789.3895	8	Q 9	1070.5594	535.7836
886.4423	9	P 8	942.5009	471.7543
1001.4692	10	D 7	845.4481	423.2280
1100.5377	11	V 6	730.4212	365.7145
1187.5697	12	S 5	631.3527	316.1803
1300.6538	13	L 4	544.3207	272.6643
1428.7123	14	Q 3	431.2367	216.1222
1556.7709	15	Q 2	303.1781	152.0930
	16	R 1	175.1195	88.0637

N-term:+43.02

AQTASPPAR, MH+ 1068.5438, m/z 534.7755
 H OS G29 P150811 220811-s1.02339.02339.2.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+

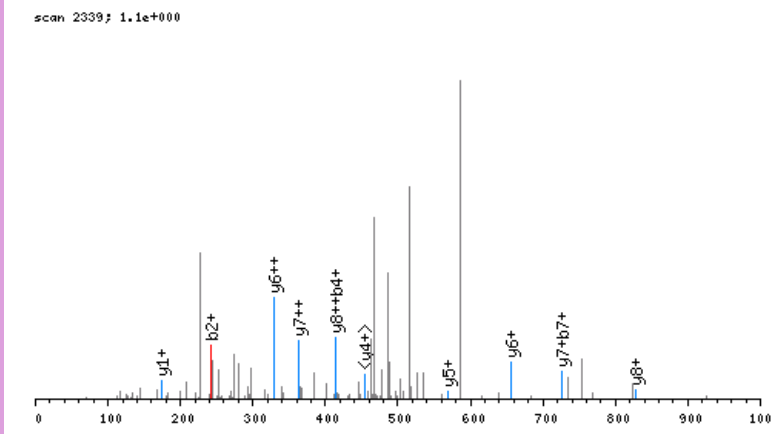
y + 2+ 3+

z + 2+ 3+

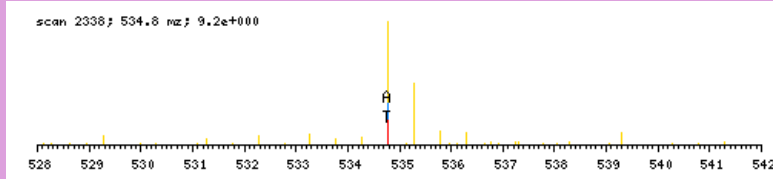
hide H₂O/NH₃

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⁺
114.0555	1	A	10		
242.1141	2	Q	9	955.4961	478.2520
343.1618	3	T	8	827.4375	414.2227
414.1989	4	A	7	726.3899	363.6988
501.2309	5	S	6	655.3527	328.1803
598.2837	6	P	5	568.3207	284.6643
726.3423	7	Q	4	471.2680	236.1379
823.3950	8	P	3	343.2094	172.1086
894.4321	9	A	2	246.1566	123.5822
	10	R	1	175.1195	88.0637

N-term:+43.02

ASALEQFVNSVR, MH+ 1362.7018, m/z 681.8545
 H OS G29 P150811 220811-s1.06537.06537.2.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+

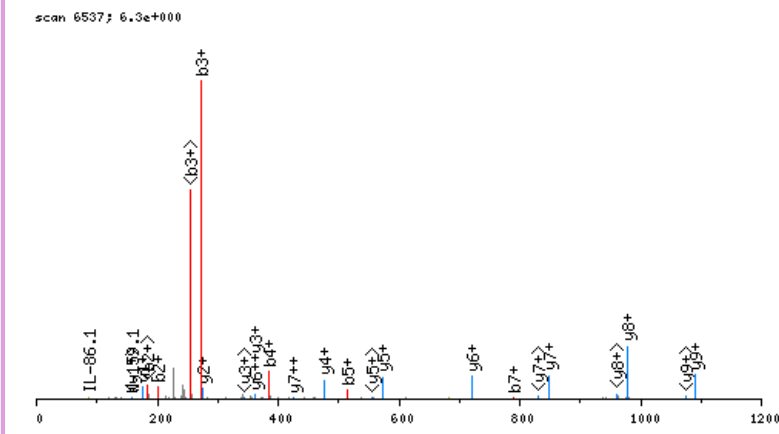
y + 2+ 3+

z + 2+ 3+

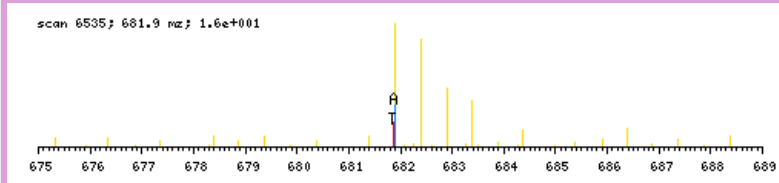
hide H₂O/NH₃

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⁺
114.0555	1	A 12		
201.0875	2	S 11	1249.6541	625.3310
272.1247	3	A 10	1162.6220	581.8149
385.2087	4	L 9	1091.5849	546.2964
514.2513	5	E 8	978.5009	489.7543
642.3099	6	Q 7	849.4583	425.2331
789.3783	7	F 6	721.3997	361.2038
888.4467	8	V 5	574.3313	287.6696
1002.4896	9	N 4	475.2629	238.1353
1089.5217	10	S 3	361.2199	181.1139
1188.5901	11	V 2	274.1879	137.5979
	12	R 1	175.1195	88.0637

N-term:+43.02

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

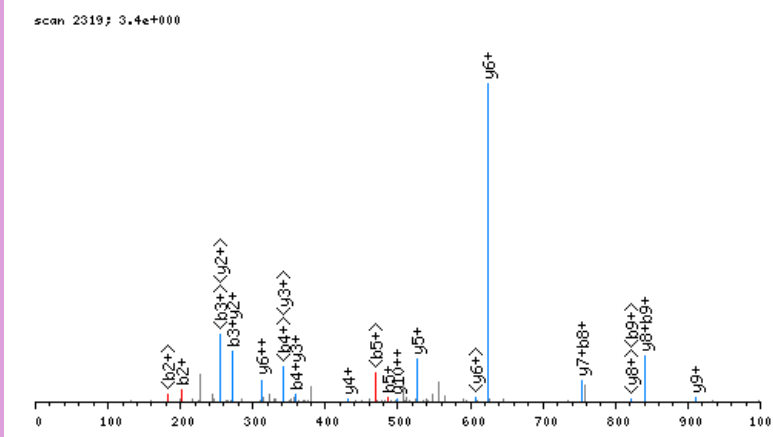
y + 2+ 3+

z + 2+ 3+

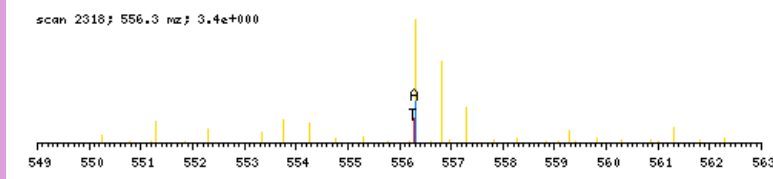
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 11		
201.0875	2	S 10	998.4907	499.7493
272.1247	3	A 9	911.4587	456.2332
359.1567	4	S 8	840.4216	420.7147
488.1993	5	E 7	753.3895	377.1987
585.2520	6	P 6	624.3469	312.6774
682.3048	7	P 5	527.2942	264.1510
753.3419	8	A 4	430.2414	215.6246
840.3739	9	S 3	359.2043	180.1061
937.4267	10	P 2	272.1723	136.5900
	11	R 1	175.1195	88.0637

N-term:+43.02

ASAVSPANLPAVLLQPR, MH+ 1745.9914, m/z 582.6687
 H OS G29 P150811 220811-s1.06388.06388.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

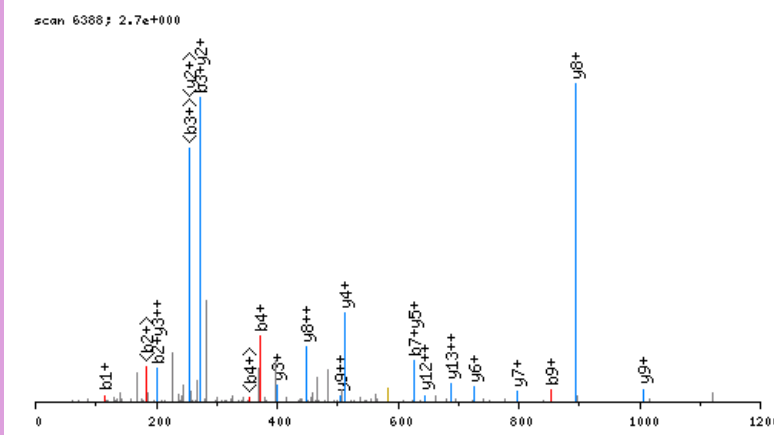
y + 2+ 3+

z + 2+ 3+

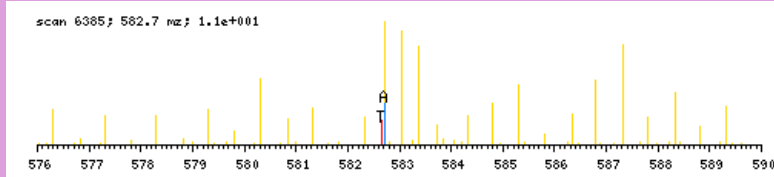
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 17		
201.0875	2	S 16	1632.9437	816.9758
272.1247	3	A 15	1545.9117	773.4598
371.1931	4	V 14	1474.8746	737.9412
458.2251	5	S 13	1375.8062	688.4070
555.2779	6	P 12	1288.7741	644.8910
626.3150	7	A 11	1191.7214	596.3646
740.3579	8	N 10	1120.6843	560.8460
853.4420	9	L 9	1006.6413	503.8246
950.4947	10	P 8	893.5573	447.2825
1021.5318	11	A 7	796.5045	398.7562
1120.6003	12	V 6	725.4674	363.2376
1233.6843	13	L 5	626.3990	313.7034
1346.7684	14	L 4	513.3149	257.1614
1474.8270	15	Q 3	400.2308	200.6193
1571.8797	16	P 2	272.1723	136.5900
	17	R 1	175.1195	88.0637

N-term:+43.02

ASCASIDIEDATQHLLR, MH+ 1828.8499, m/z 610.2882
 H OS G25 P150811 220811-s1.07298.07298.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

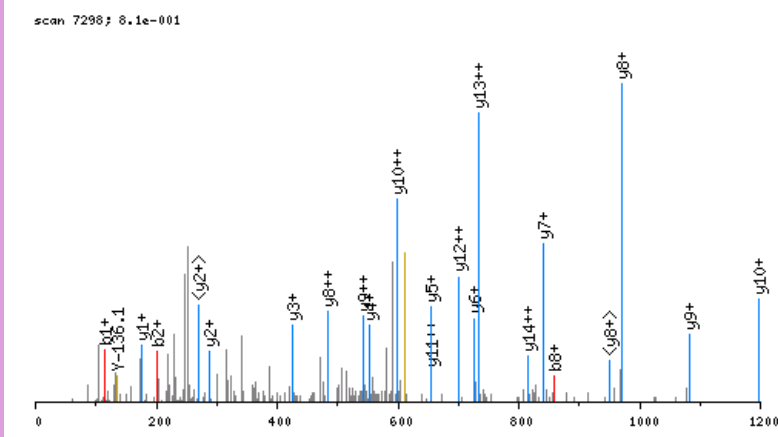
y + 2+ 3+

z + 2+ 3+

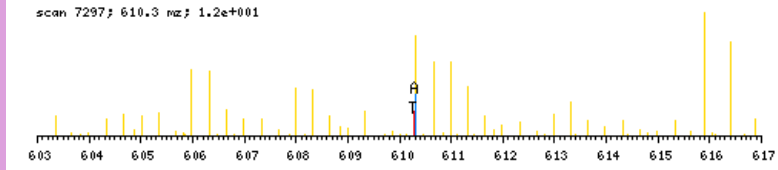
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 16		
201.0875	2	S 15	1715.8022	858.4050
361.1181	3	C 14	1628.7702	814.8890
432.1553	4	A 13	1468.7396	734.8737
519.1873	5	S 12	1397.7025	699.3552
632.2713	6	I 11	1310.6705	655.8391
747.2983	7	D 10	1197.5864	599.2971
860.3824	8	I 9	1082.5594	541.7836
989.4249	9	E 8	969.4754	485.2416
1104.4519	10	D 7	840.4328	420.7203
1175.4890	11	A 6	725.4058	363.2068
1276.5367	12	T 5	654.3687	327.6883
1404.5953	13	Q 4	553.3211	277.1644
1541.6542	14	H 3	425.2625	213.1352
1654.7382	15	L 2	288.2036	144.6057
	16	R 1	175.1195	88.0637

N-term:+43.02 C(3):+160.03

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

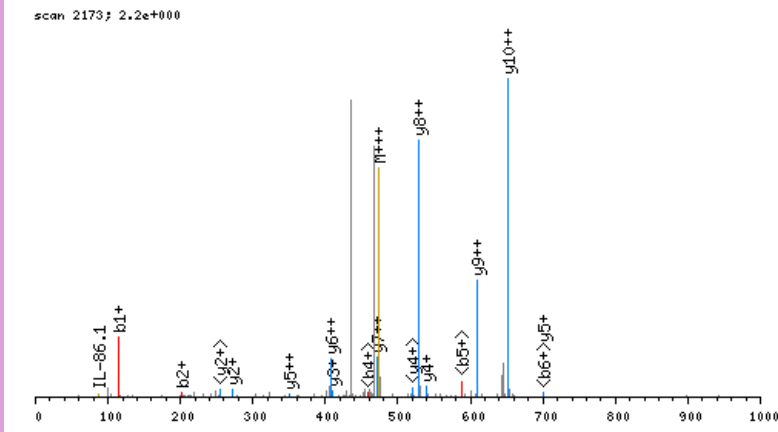
y + 2+ 3+

z + 2+ 3+

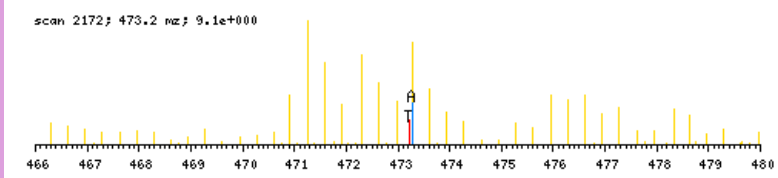
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A	11	
201.0875	2	S	10	1304.6481
361.1181	3	C	9	1217.6161
476.1451	4	D	8	1057.5855
605.1877	5	E	7	942.5585
718.2717	6	I	6	813.5159
880.4298	7	K	5	700.4319
1009.4724	8	E	4	538.2738
1146.5313	9	H	3	409.2312
1243.5841	10	P	2	272.1723
	11	R	1	175.1195

N-term:+43.02 C(3):+160.03
 K(7):+162.16

ASDSGGPGVLSASER, MH+ 1431.6716, m/z 716.3394
 H OS G29 P150811 220811-s1.03278.03278.2.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+

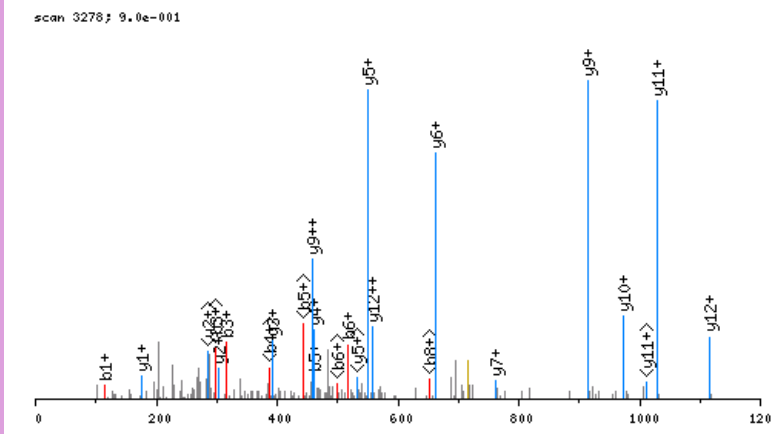
y + 2+ 3+

z + 2+ 3+

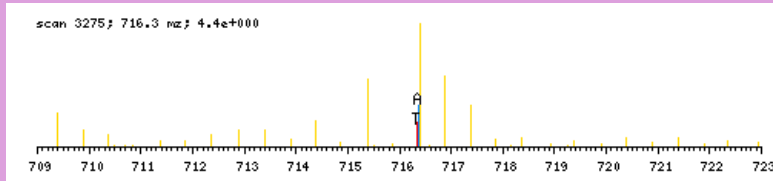
hide H₂O/NH₃

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⁺
114.0555	1	A 15		
201.0875	2	S 14	1318.6239	659.8159
316.1145	3	D 13	1231.5919	616.2998
403.1465	4	S 12	1116.5649	558.7864
460.1680	5	G 11	1029.5329	515.2704
517.1894	6	G 10	972.5114	486.7596
614.2422	7	P 9	915.4900	458.2489
671.2637	8	G 8	818.4372	409.7225
770.3321	9	V 7	761.4157	381.2118
883.4161	10	L 6	662.3473	331.6776
970.4482	11	S 5	549.2633	275.1355
1041.4853	12	A 4	462.2312	231.6195
1128.5173	13	S 3	391.1941	196.1010
1257.5599	14	E 2	304.1621	152.5850
	15	R 1	175.1195	88.0637

N-term:+43.02

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

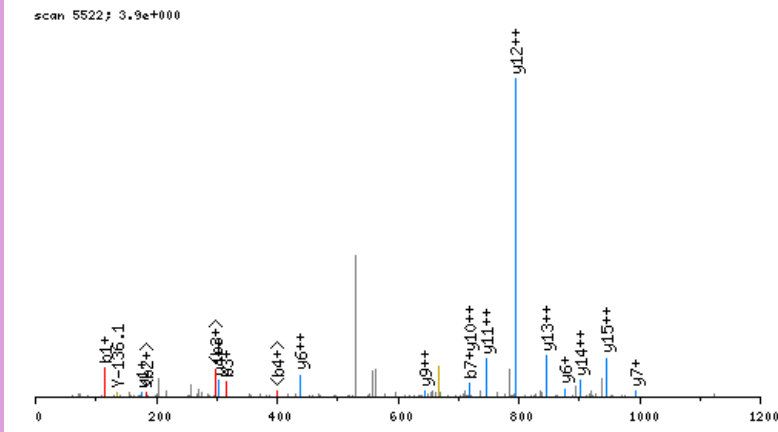
y + 2+ 3+

z + 2+ 3+

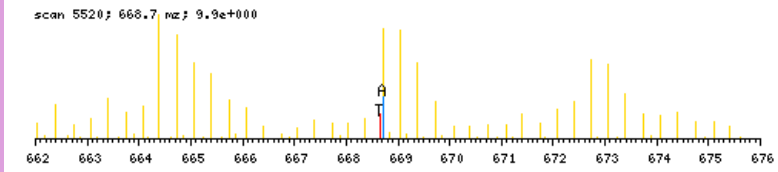
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A	16	
201.0875	2	S	15	1890.9425
316.1145	3	D	14	1803.9104
417.1622	4	T	13	1688.8835
514.2149	5	P	12	1587.8358
571.2364	6	G	11	1490.7831
718.3048	7	F	10	1433.7616
881.3681	8	Y	9	1286.6932
1012.4086	9	M	8	1123.6298
1127.4356	10	D	7	992.5894
1283.5619	11	K	6	877.5624
1396.6459	12	L	5	721.4361
1510.6889	13	N	4	608.3521
1666.8152	14	K	3	494.3091
1829.8785	15	Y	2	338.1828
	16	R	1	175.1195

N-term:+43.02 K(11):+156.13
 K(14):+156.13

ASESGKLWGR, MH+ 1217.6279, m/z 609.3176
 H OS G25 P150811 220811-s1.04300.04300.2.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+

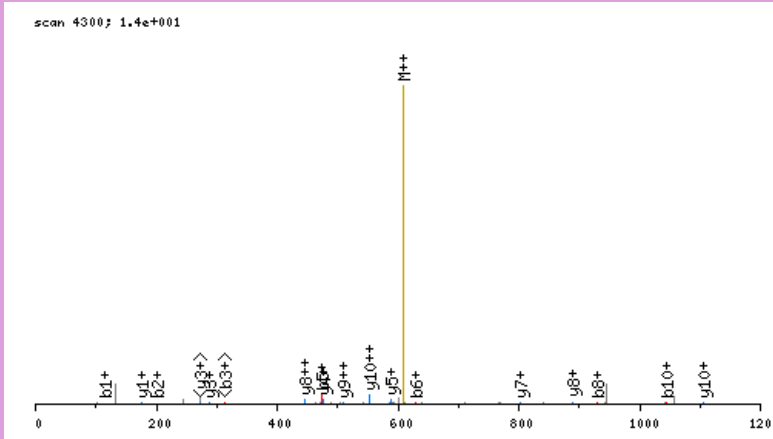
y + 2+ 3+

z + 2+ 3+

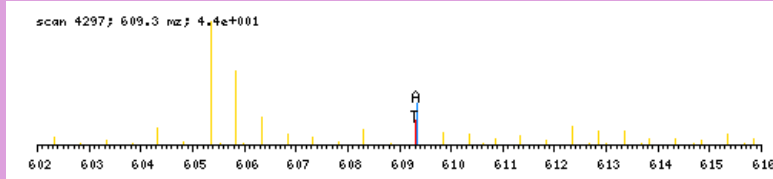
hide H₂O/NH₃

zoom 112-122

GO



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

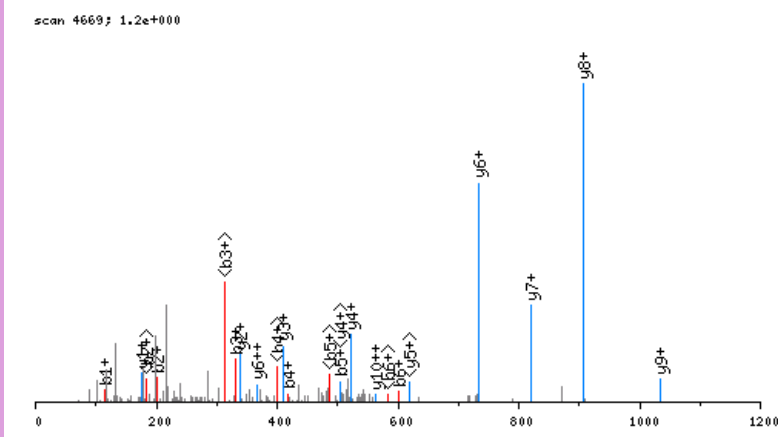


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

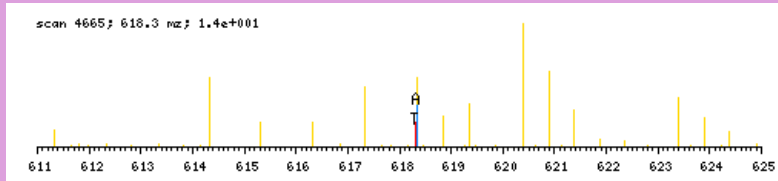
b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 11		
201.0875	2	S 10	1104.5802	552.7940
330.1301	3	E 9	1017.5482	509.2780
417.1622	4	S 8	888.5056	444.7567
474.1836	5	G 7	801.4736	401.2407
630.3099	6	K 6	744.4521	372.7300
743.3940	7	L 5	588.3258	294.6668
929.4733	8	W 4	475.2417	238.1248
986.4948	9	G 3	289.1624	145.0851
1043.5162	10	G 2	232.1410	116.5744
	11	R 1	175.1195	88.0637

N-term:+43.02 K(6):+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



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 11		
201.0875	2	S 10	1122.5795	561.7937
330.1301	3	E 9	1035.5475	518.2777
417.1622	4	S 8	906.5049	453.7564
504.1942	5	S 7	819.4729	410.2403
601.2470	6	P 6	732.4408	366.7243
714.3310	7	L 5	635.3881	318.1979
827.4151	8	L 4	522.3040	261.6559
898.4522	9	A 3	409.2199	205.1139
1061.5155	10	Y 2	338.1828	169.5953
	11	R 1	175.1195	88.0637

N-term:+43.02

ASEVEEQIPVR, MH+ 1298.6592, m/z 649.8333
 H OS G29 P150811 220811-s1.04469.04469.2.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+

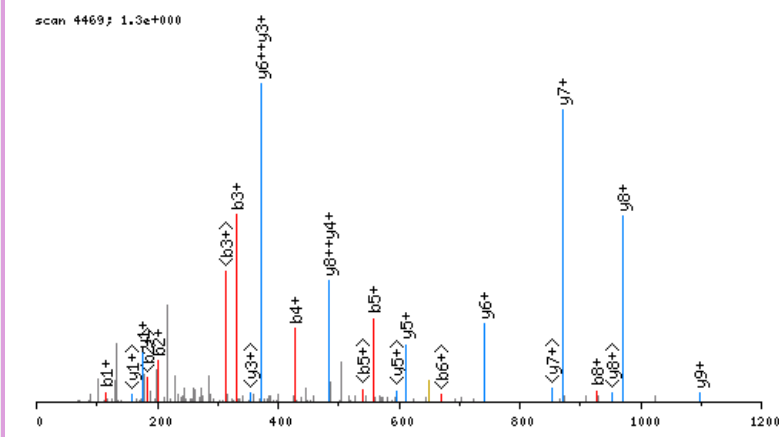
y + 2+ 3+

z + 2+ 3+

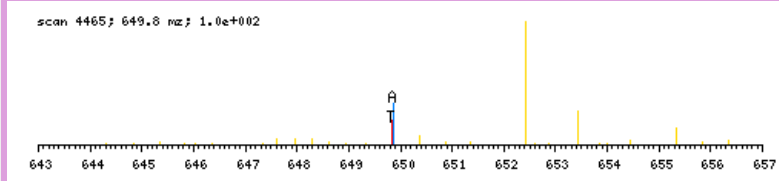
hide H₂O/NH₃

zoom 112-122

GO



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



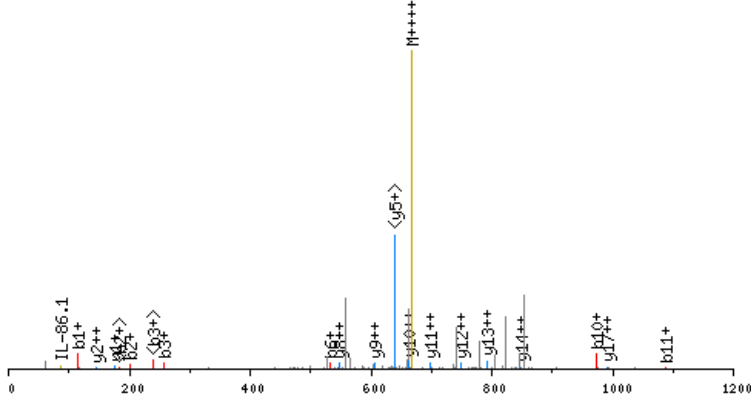
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 11		
201.0875	2	S 10	1185.6115	593.3097
330.1301	3	E 9	1098.5795	549.7937
429.1985	4	V 8	969.5369	485.2724
558.2411	5	E 7	870.4685	435.7382
687.2837	6	E 6	741.4259	371.2169
815.3423	7	Q 5	612.3833	306.6956
928.4264	8	I 4	484.3247	242.6663
1025.4791	9	P 3	371.2407	186.1243
1124.5476	10	V 2	274.1879	137.5979
	11	R 1	175.1195	88.0637

N-term:+43.02

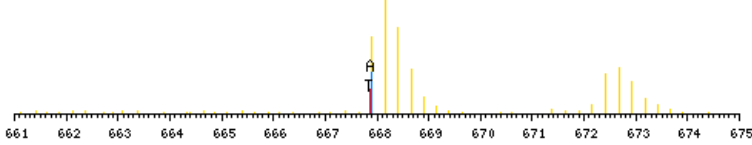
ASGADSKGDDLSTAILKQKNRPNR, MH+ 2668.4383, m/z 667.8650
 H OS G28 P150811 220811-s1.04561.04561.4.dta

scan 4561; 1.3e+001



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

scan 4558; 667.9 nz; 4.4e+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

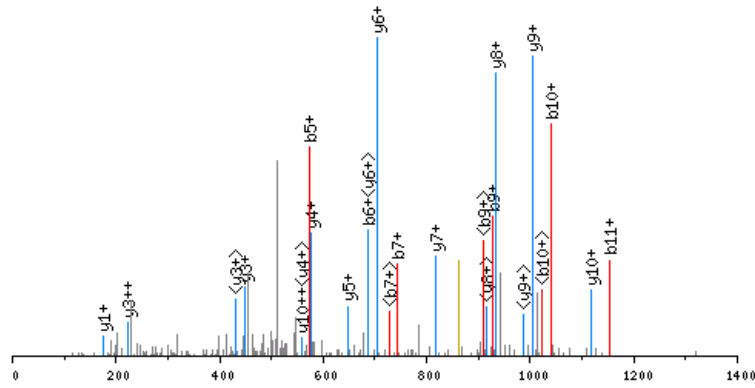
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	24		
201.0875	2	S	23	2555.3906	1278.1992
258.1090	3	G	22	2468.3586	1234.6832
329.1461	4	A	21	2411.3372	1206.1725
444.1731	5	D	20	2340.3000	1170.6539
531.2051	6	S	19	2225.2731	1113.1405
687.3314	7	K	18	2138.2411	1069.6244
744.3529	8	G	17	1982.1148	991.5613
859.3798	9	D	16	1925.0933	963.0506
974.4067	10	D	15	1810.0664	905.5371
1087.4908	11	L	14	1695.0394	848.0236
1174.5228	12	S	13	1581.9554	791.4816
1275.5705	13	T	12	1494.9233	747.9656
1346.6076	14	A	11	1393.8757	697.4417
1459.6917	15	I	10	1322.8385	661.9232
1572.7758	16	L	9	1209.7545	605.3811
1728.9021	17	K	8	1096.6704	548.8391
1856.9606	18	Q	7	940.5441	470.7760
2013.0869	19	K	6	812.4855	406.7467
2127.1299	20	N	5	656.3592	328.6835
2283.2310	21	R	4	542.3163	271.6621
2380.2837	22	P	3	386.2152	193.6115
2494.3267	23	N	2	289.1624	145.0851
	24	R	1	175.1195	88.0637

N-term:+43.02 K(7):+156.13
 K(17):+156.13 K(19):+156.13

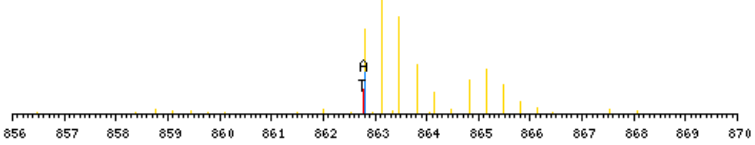
ASGCKIGPSILNSDLANLGAELR, MH+ 2586.3019, m/z 862.7722
 H OS G24 P150811 220811-s1.04912.04912.3.dta

scan 4912; 1.1e+000



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

scan 4910; 862.8 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⁺
114.0555	1	A	24		
201.0875	2	S	23	2473.2542	1237.1310
258.1090	3	G	22	2386.2222	1193.6150
418.1396	4	C	21	2329.2008	1165.1043
574.2659	5	K	20	2169.1702	1085.0890
687.3500	6	I	19	2013.0439	1007.0258
744.3714	7	G	18	1899.9598	950.4838
841.4242	8	P	17	1842.9383	921.9731
928.4562	9	S	16	1745.8856	873.4467
1041.5403	10	I	15	1658.8535	829.9307
1154.6244	11	L	14	1545.7695	773.3886
1268.6673	12	N	13	1432.6854	716.8466
1355.6993	13	S	12	1318.6425	659.8252
1470.7263	14	D	11	1231.6104	616.3091
1583.8103	15	L	10	1116.5835	558.7957
1654.8474	16	A	9	1003.4994	502.2536
1768.8904	17	N	8	932.4623	466.7351
1881.9744	18	L	7	818.4194	409.7136
1938.9959	19	G	6	705.3353	353.1716
2010.0330	20	A	5	648.3139	324.6608
2139.0756	21	E	4	577.2768	289.1423
2299.1062	22	C	3	448.2342	224.6210
2412.1903	23	L	2	288.2036	144.6057
	24	R	1	175.1195	88.0637

N-term:+43.02 C(4):+160.03
 K(5):+156.13 C(22):+160.03

ASGSMATSEEEER, MH+ 1296.5378, m/z 648.7725
 H OS G29 P150811 220811-s1.02424.02424.2.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+

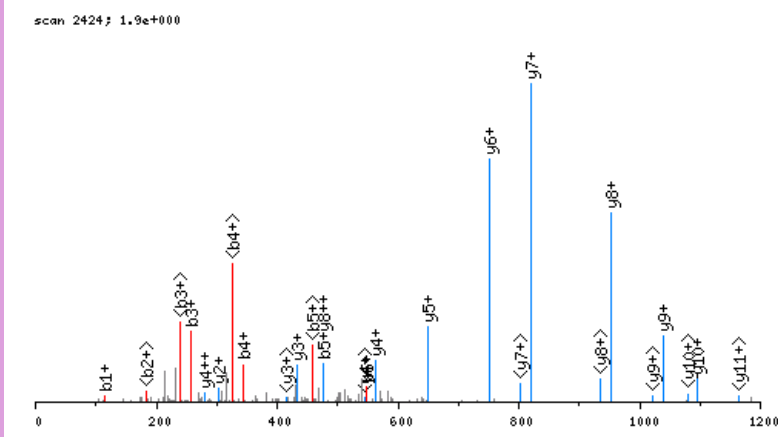
y + 2+ 3+

z + 2+ 3+

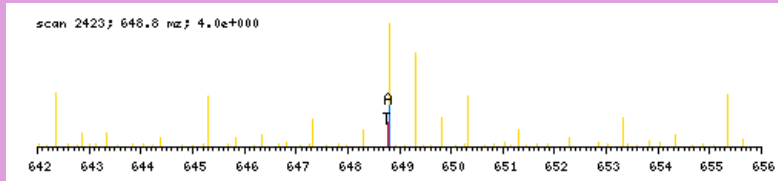
hide H₂O/NH₃

zoom 112-122

GO



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



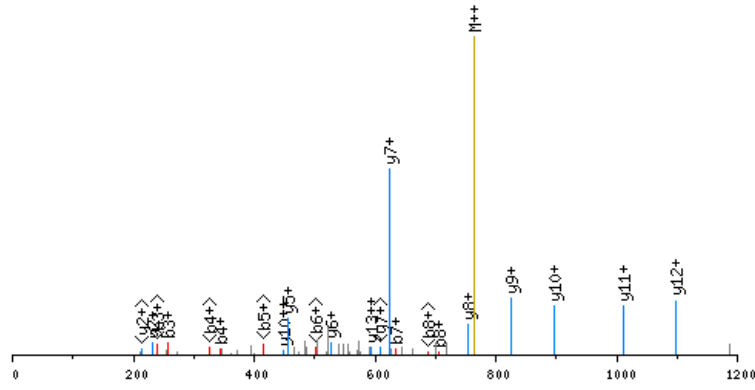
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 12		
201.0875	2	S 11	1183.4901	592.2490
258.1090	3	G 10	1096.4581	548.7330
345.1410	4	S 9	1039.4366	520.2222
476.1815	5	M 8	952.4046	476.7062
547.2186	6	A 7	821.3641	411.1860
648.2663	7	T 6	750.3270	375.6674
735.2983	8	S 5	649.2793	325.1436
864.3409	9	E 4	562.2473	281.6276
993.3835	10	E 3	433.2047	217.1063
1122.4261	11	E 2	304.1621	152.5850
	12	R 1	175.1195	88.0637

N-term:+43.02

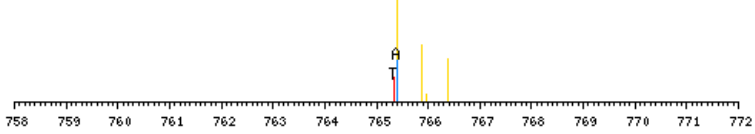
ASGSSSDAAEPAGPAGR, MH+ 1529.6832, m/z 765.3452
 H OS G29 P150811 220811-s1.02316.02316.2.dta

scan 2316; 1.1e+000



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

scan 2313; 765.3 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⁺
114.0555	1	A 17		
201.0875	2	S 16	1416.6355	708.8217
258.1090	3	G 15	1329.6035	665.3057
345.1410	4	S 14	1272.5820	636.7949
432.1731	5	S 13	1185.5500	593.2789
519.2051	6	S 12	1098.5180	549.7629
634.2320	7	D 11	1011.4859	506.2469
705.2691	8	A 10	896.4590	448.7334
776.3063	9	A 9	825.4219	413.2149
905.3489	10	E 8	754.3848	377.6963
1002.4016	11	P 7	625.3422	313.1750
1073.4387	12	A 6	528.2894	264.6486
1130.4602	13	G 5	457.2523	229.1301
1227.5130	14	P 4	400.2308	200.6193
1298.5501	15	A 3	303.1781	152.0930
1355.5715	16	G 2	232.1410	116.5744
	17	R 1	175.1195	88.0637

N-term:+43.02

ASGVAVSDGVIKVFNDMKVR, MH+ 2202.2593, m/z 734.7580
 H OS G26 P150811 220811-s1.06889.06889.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

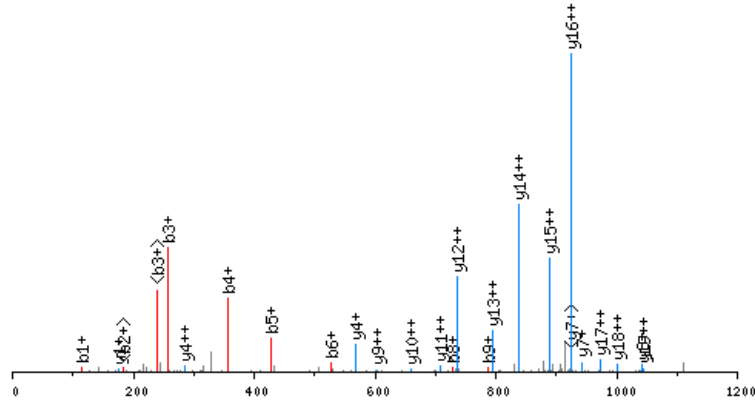
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

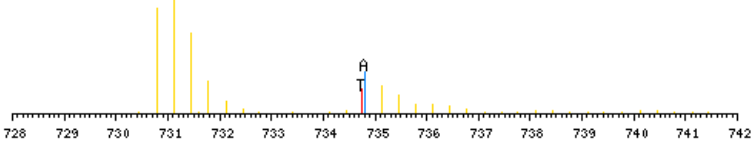
GO

scan 6889; 4.1e+000



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

scan 6885; 734.8 m/z; 5.7e+001



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

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	20		
201.0875	2	S	19	2089.2116	1045.1097
258.1090	3	G	18	2002.1796	1001.5937
357.1774	4	V	17	1945.1582	973.0830
428.2145	5	A	16	1846.0897	923.5488
527.2829	6	V	15	1775.0526	888.0302
614.3150	7	S	14	1675.9842	838.4960
729.3419	8	D	13	1588.9522	794.9800
786.3634	9	G	12	1473.9252	737.4665
885.4318	10	V	11	1416.9038	708.9558
998.5159	11	I	10	1317.8354	659.4216
1160.6740	12	K	9	1204.7513	602.8796
1259.7424	13	V	8	1042.5932	521.8005
1406.8108	14	F	7	943.5248	472.2663
1520.8537	15	N	6	796.4564	398.7321
1635.8807	16	D	5	682.4134	341.7106
1766.9211	17	M	4	567.3865	284.1972
1929.0792	18	K	3	436.3460	218.6769
2028.1477	19	V	2	274.1879	137.5979
	20	R	1	175.1195	88.0637

N-term:+43.02 K(12):+162.16
 K(18):+162.16

ASGVQVADEVCR, MH+ 1332.6218, m/z 666.8145
 H OS G29 P150811 220811-s1.03583.03583.2.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+

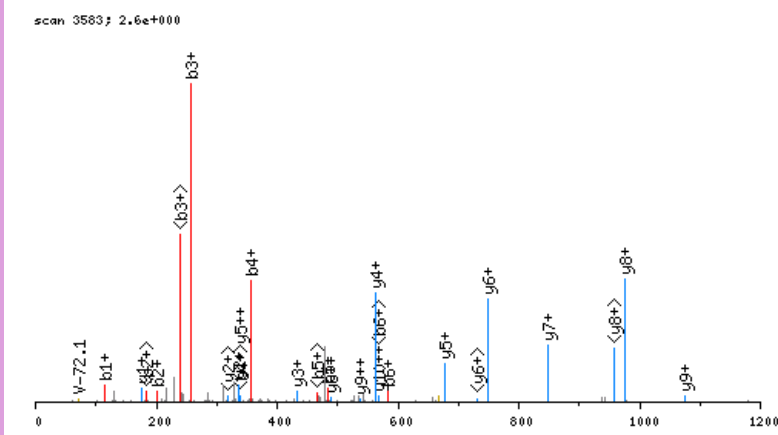
y + 2+ 3+

z + 2+ 3+

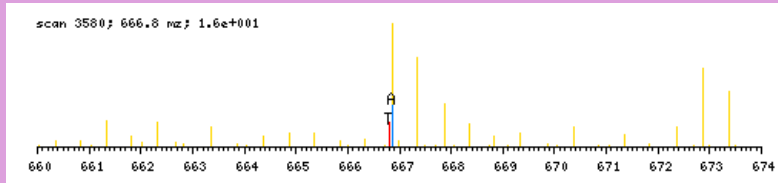
hide H₂O/NH₃

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⁺
114.0555	1	A 12		
201.0875	2	S 11	1219.5741	610.2909
258.1090	3	G 10	1132.5420	566.7749
357.1774	4	V 9	1075.5206	538.2642
485.2360	5	Q 8	976.4522	488.7300
584.3044	6	V 7	848.3936	424.7007
655.3415	7	A 6	749.3252	375.1665
770.3685	8	D 5	678.2881	339.6479
899.4111	9	E 4	563.2611	282.1345
998.4795	10	V 3	434.2185	217.6132
1158.5101	11	C 2	335.1501	168.0790
	12	R 1	175.1195	88.0637

N-term:+43.02 C(11):+160.03

ASGVIVNDEVIKVFNDMKVR, MH+ 2319.2383, m/z 773.7510
 H OS G26 P150811 220811-s1.06936.06936.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

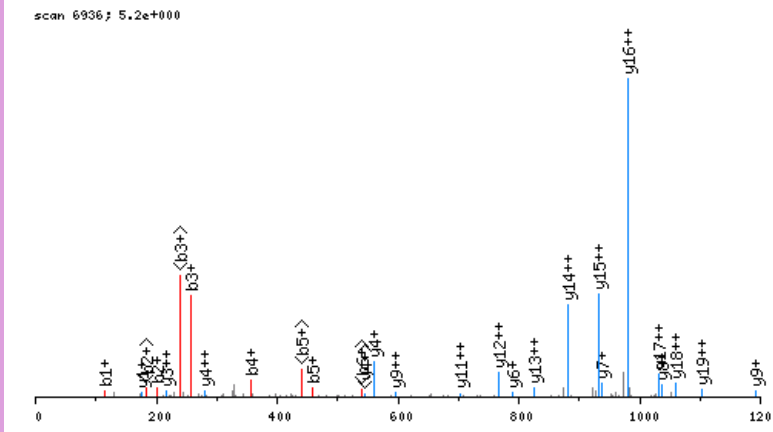
y + 2+ 3+

z + 2+ 3+

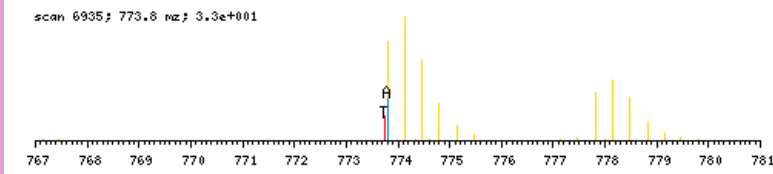
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	20		
201.0875	2	S	19	2206.1906	1103.5992
258.1090	3	G	18	2119.1586	1060.0832
357.1774	4	V	17	2062.1371	1031.5725
458.2251	5	T	16	1963.0687	982.0383
557.2935	6	V	15	1862.0211	931.5144
671.3364	7	N	14	1762.9526	881.9802
786.3634	8	D	13	1648.9097	824.9588
915.4060	9	E	12	1533.8828	767.4453
1014.4744	10	V	11	1404.8402	702.9240
1127.5585	11	I	10	1305.7718	653.3898
1283.6848	12	K	9	1192.6877	596.8478
1382.7532	13	V	8	1036.5614	518.7846
1529.8216	14	F	7	937.4930	469.2504
1643.8645	15	N	6	790.4246	395.7162
1758.8915	16	D	5	676.3816	338.6947
1889.9319	17	M	4	561.3547	281.1813
2046.0582	18	K	3	430.3142	215.6610
2145.1267	19	V	2	274.1879	137.5979
	20	R	1	175.1195	88.0637

N-term:+43.02 K(12):+156.13
 K(18):+156.13

ASKEMFEDTVEER, MH+ 1640.7478, m/z 547.5875
 H OS G25 P150811 220811-s1.05578.05578.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

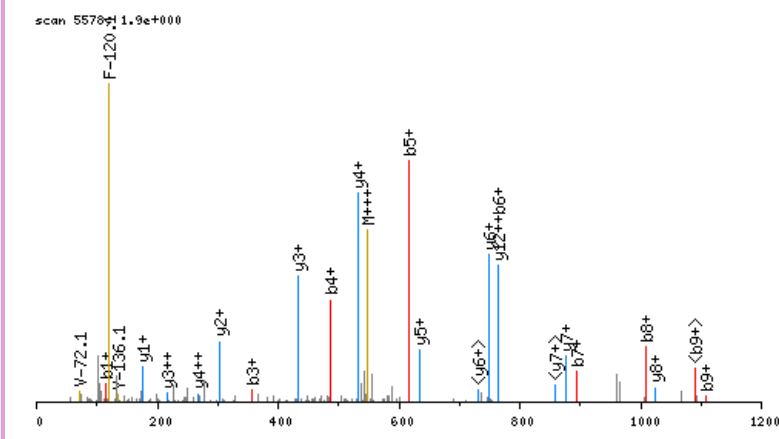
y + 2+ 3+

z + 2+ 3+

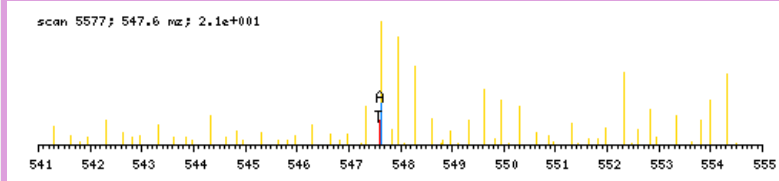
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 13		
201.0875	2	S 12	1527.7001	764.3540
357.2138	3	K 11	1440.6681	720.8380
486.2564	4	E 10	1284.5418	642.7748
617.2969	5	M 9	1155.4992	578.2535
764.3653	6	F 8	1024.4587	512.7333
893.4079	7	E 7	877.3903	439.1991
1008.4349	8	D 6	748.3477	374.6778
1109.4825	9	T 5	633.3208	317.1643
1208.5510	10	V 4	532.2731	266.6405
1337.5936	11	E 3	433.2047	217.1063
1466.6361	12	E 2	304.1621	152.5850
	13	R 1	175.1195	88.0637

N-term:+43.02 K(3):+156.13

ASLKDLEGKWR, MH+ 1412.8539, m/z 706.9306
 H OS G27 P150811 220811-s1.06114.06114.2.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+

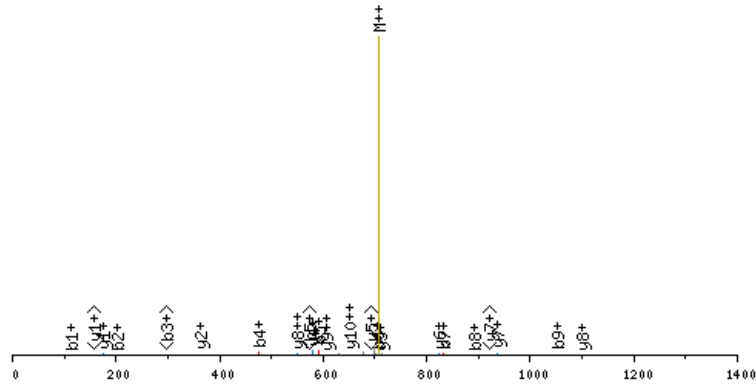
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

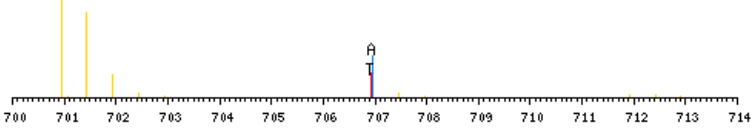
GO

scan 6114; 6.8e+001



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

scan 6112; 706.9 m/z; 5.1e+002



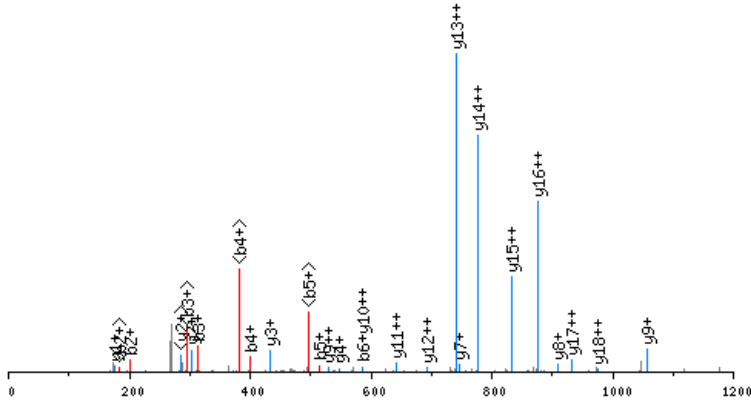
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A	11	
201.0875	2	S	10	1299.8062
314.1716	3	L	9	1212.7741
476.3297	4	K	8	1099.6901
591.3566	5	D	7	937.5320
704.4407	6	L	6	822.5050
833.4833	7	E	5	709.4210
890.5048	8	G	4	580.3784
1052.6629	9	K	3	523.3569
1238.7422	10	W	2	361.1988
	11	R	1	175.1195

N-term:+43.02 K(4):+162.16
 K(9):+162.16

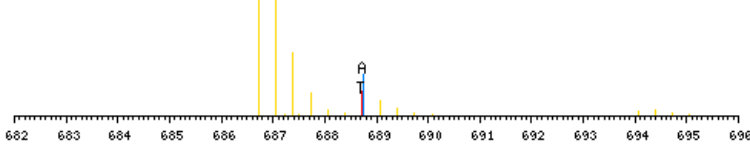
ASLSLAPVNIKFAGADEER, MH+ 2064.1190, m/z 688.7112
 H OS G24 P150811 220811-s1.04936.04936.3.dta

scan 4936; 4.4e+000



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

scan 4935; 688.7 m/z; 1.5e+002



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	19		
201.0875	2	S	18	1951.0713	976.0396
314.1716	3	L	17	1864.0393	932.5236
401.2036	4	S	16	1750.9552	875.9815
514.2877	5	L	15	1663.9232	832.4655
585.3248	6	A	14	1550.8391	775.9235
682.3776	7	P	13	1479.8020	740.4049
781.4460	8	V	12	1382.7492	691.8785
895.4889	9	N	11	1283.6808	642.3443
1008.5730	10	I	10	1169.6379	585.3229
1155.6414	11	F	9	1056.5538	528.7808
1317.7995	12	K	8	909.4854	455.2466
1388.8366	13	A	7	747.3273	374.1676
1445.8581	14	G	6	676.2902	338.6490
1516.8952	15	A	5	619.2687	310.1383
1631.9221	16	D	4	548.2316	274.6197
1760.9647	17	E	3	433.2047	217.1063
1890.0073	18	E	2	304.1621	152.5850
	19	R	1	175.1195	88.0637

N-term:+43.02 K(12);+162.16

ASNEKKTMASSAQR, MH+ 1725.8959, m/z 575.9701
 H OS G26 P150811 220811-s1.02453.02453.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

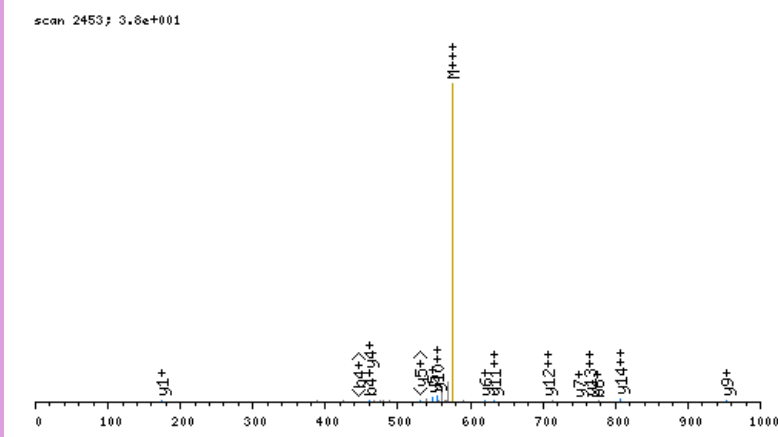
y + 2+ 3+

z + 2+ 3+

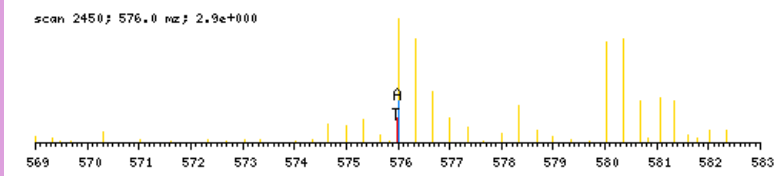
hide H₂O/NH₃

zoom 112-122

GO



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



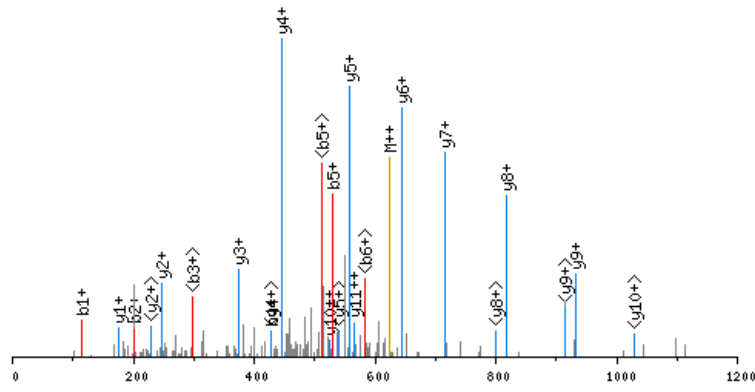
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	15		
201.0875	2	S	14	1612.8482	806.9280
315.1305	3	N	13	1525.8161	763.4120
462.1989	4	F	12	1411.7732	706.3905
618.3252	5	K	11	1264.7048	632.8563
774.4515	6	K	10	1108.5785	554.7932
875.4992	7	T	9	952.4522	476.7300
976.5468	8	T	8	851.4045	426.2062
1107.5873	9	M	7	750.3568	375.6823
1178.6244	10	A	6	619.3164	310.1621
1265.6565	11	S	5	548.2792	274.6435
1352.6885	12	S	4	461.2472	231.1275
1423.7256	13	A	3	374.2152	187.6115
1551.7842	14	Q	2	303.1781	152.0930
	15	R	1	175.1195	88.0637

N-term:+43.02 K(5):+156.13
 K(6):+156.13

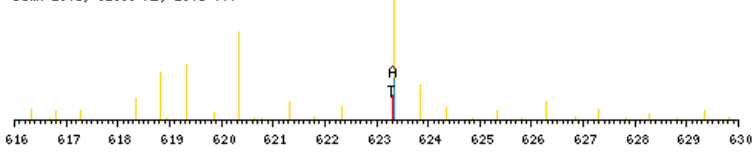
ASNNTASIAQAR, MH+ 1245.6188, m/z 623.3130
 H OS G29 P150811 220811-s1.02543.02543.2.dta

scan 2543; 6.6e-001



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

scan 2541; 623.3 m/z; 2.4e+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

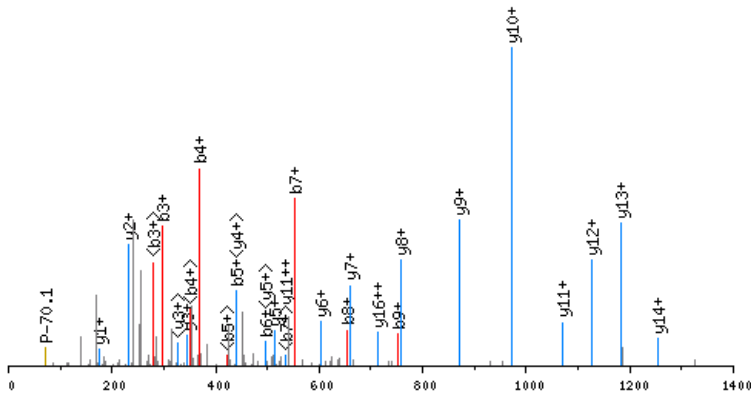
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	12		
201.0875	2	S	11	1132.5711	566.7894
315.1305	3	N	10	1045.5390	523.2734
429.1734	4	N	9	931.4961	466.2520
530.2211	5	T	8	817.4532	409.2305
601.2582	6	A	7	716.4055	358.7067
688.2902	7	S	6	645.3684	323.1881
801.3743	8	I	5	558.3364	279.6721
872.4114	9	A	4	445.2523	223.1301
1000.4700	10	Q	3	374.2152	187.6115
1071.5071	11	A	2	246.1566	123.5822
	12	R	1	175.1195	88.0637

N-term:+43.02

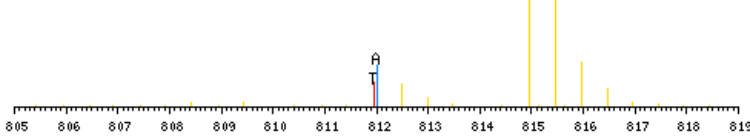
ASPAAGVVIVGSLIGR, MH+ 1622.9230, m/z 811.9651
 H OS G29 P150811 220811-s1.06127.06127.2.dta

scan 6127; 1.5e+000



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

scan 6125; 812.0 m/z; 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⁺
114.0555	1	A	18		
201.0875	2	S	17	1509.8753	755.4416
298.1403	3	P	16	1422.8433	711.9255
369.1774	4	A	15	1325.7905	663.3992
440.2145	5	A	14	1254.7534	627.8806
497.2360	6	G	13	1183.7163	592.3621
554.2575	7	G	12	1126.6948	563.8513
653.3259	8	V	11	1069.6734	535.3406
752.3943	9	V	10	970.6049	485.8064
865.4784	10	I	9	871.5365	436.2722
964.5468	11	V	8	758.4525	379.7301
1021.5682	12	G	7	659.3840	330.1959
1108.6003	13	S	6	602.3626	301.6852
1165.6217	14	G	5	515.3306	258.1692
1278.7058	15	L	4	458.3091	229.6585
1391.7899	16	I	3	345.2250	173.1164
1448.8113	17	G	2	232.1410	116.5744
	18	R	1	175.1195	88.0637

N-term:+43.02

ASQSQGIQQLLQAEKR, MH+ 1855.0038, m/z 619.0061
 H OS G25 P150811 220811-s1.06793.06793.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

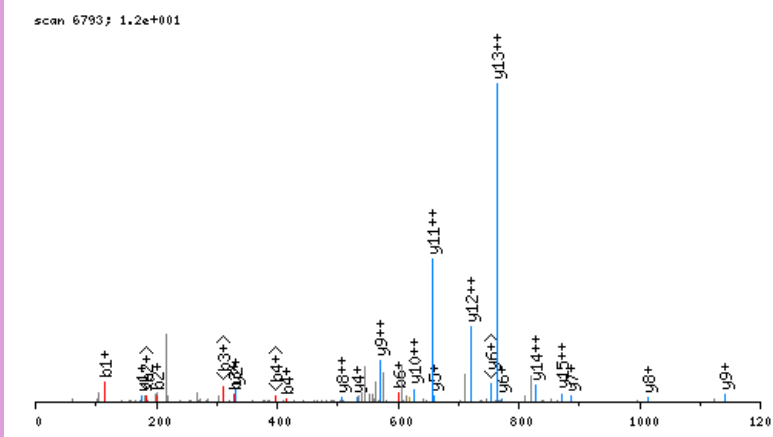
y + 2+ 3+

z + 2+ 3+

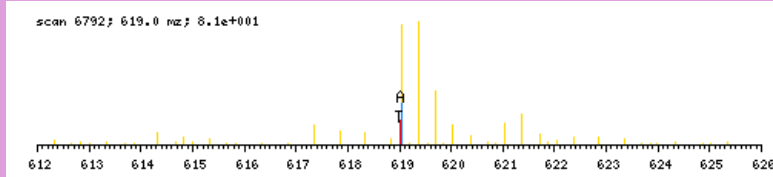
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 16		
201.0875	2	S 15	1741.9561	871.4820
329.1461	3	Q 14	1654.9241	827.9660
416.1781	4	S 13	1526.8655	763.9367
544.2367	5	Q 12	1439.8335	720.4206
601.2582	6	G 11	1311.7749	656.3914
714.3423	7	I 10	1254.7534	627.8806
842.4008	8	Q 9	1141.6694	571.3386
970.4594	9	Q 8	1013.6108	507.3093
1083.5435	10	L 7	885.5522	443.2800
1196.6275	11	L 6	772.4681	386.7380
1324.6861	12	Q 5	659.3841	330.1960
1395.7232	13	A 4	531.3255	266.1667
1524.7658	14	E 3	460.2884	230.6481
1680.8921	15	K 2	331.2458	166.1268
	16	R 1	175.1195	88.0637

N-term:+43.02 K(15):+156.13

ASSAQSSTSGSGGPAVPTVQR, MH+ 1872.9052, m/z 624.9732
 H OS G29 P150811 220811-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+

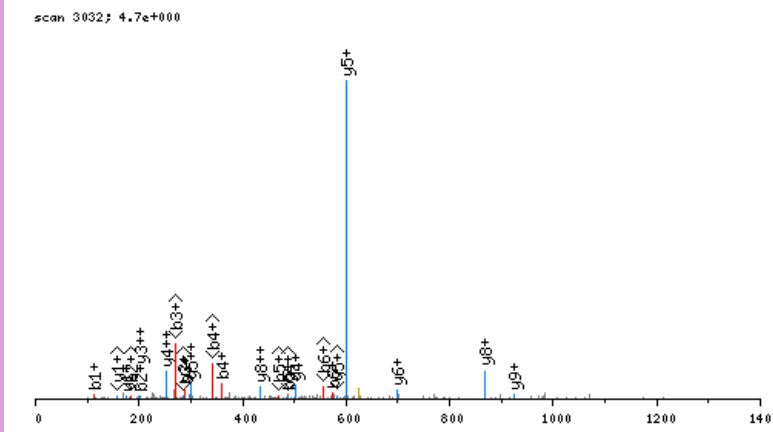
y + 2+ 3+

z + 2+ 3+

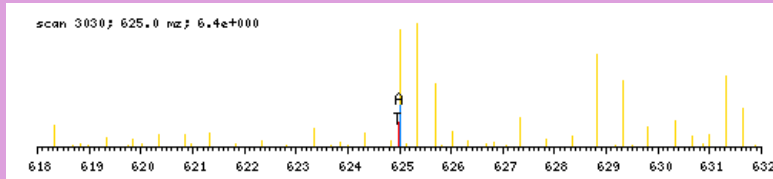
hide H₂O/NH₃

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⁺
114.0555	1	A 20		
201.0875	2	S 19	1759.8575	880.4327
288.1196	3	S 18	1672.8255	836.9166
359.1567	4	A 17	1585.7934	793.4006
487.2153	5	Q 16	1514.7563	757.8821
574.2473	6	S 15	1386.6977	693.8528
661.2793	7	S 14	1299.6657	650.3368
718.3008	8	G 13	1212.6337	606.8207
805.3328	9	S 12	1155.6122	578.3100
892.3648	10	S 11	1068.5802	534.7940
949.3863	11	G 10	981.5482	491.2780
1006.4078	12	G 9	924.5267	462.7673
1103.4605	13	P 8	867.5052	434.2565
1174.4976	14	A 7	770.4525	385.7301
1273.5661	15	V 6	699.4153	350.2116
1370.6188	16	P 5	600.3469	300.6774
1471.6665	17	T 4	503.2942	252.1510
1570.7349	18	V 3	402.2465	201.6272
1698.7935	19	Q 2	303.1781	152.0930
	20	R 1	175.1195	88.0637

N-term:+43.02

ASSDIQVKELEKR, MH+ 1600.8911, m/z 534.3019
 H OS G27 P150811 220811-s1.04168.04168.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

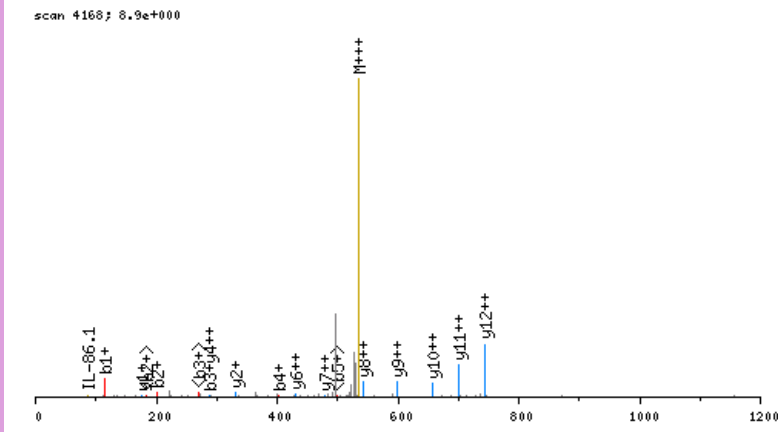
y + 2+ 3+

z + 2+ 3+

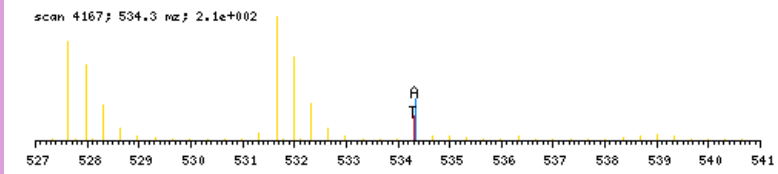
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A	13	
201.0875	2	S	12	1487.8434
288.1196	3	S	11	1400.8114
403.1465	4	D	10	1313.7793
516.2306	5	I	9	1198.7524
644.2892	6	Q	8	1085.6683
743.3576	7	V	7	957.6098
899.4839	8	K	6	858.5414
1028.5265	9	E	5	702.4151
1141.6105	10	L	4	573.3725
1270.6531	11	E	3	460.2884
1426.7794	12	K	2	331.2458
	13	R	1	175.1195

N-term:+43.02 K(8):+156.13
 K(12):+156.13

ASSGNYPYVEIIEQPR, MH+ 1864.9081, m/z 622.3076
 H OS G29 P150811 220811-s1.06036.06036.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

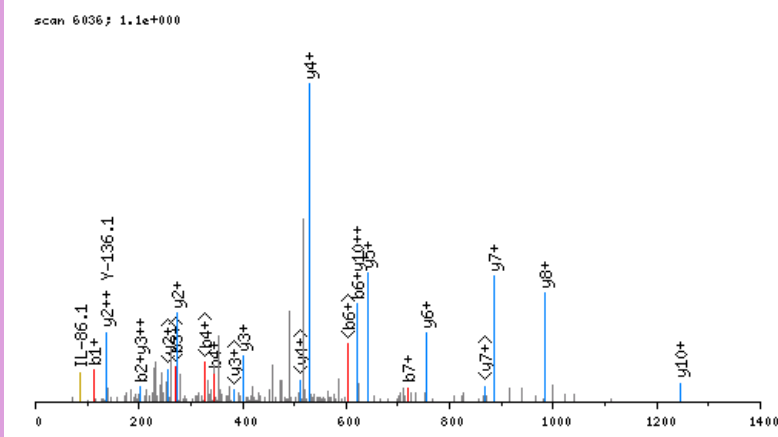
y + 2+ 3+

z + 2+ 3+

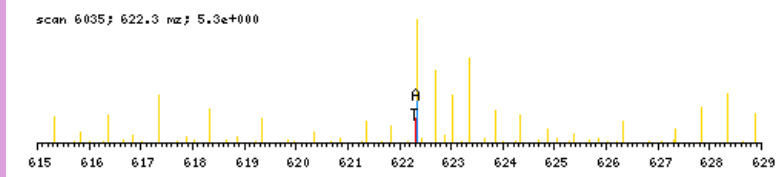
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 16		
201.0875	2	S 15	1751.8604	876.4341
288.1196	3	S 14	1664.8284	832.9181
345.1410	4	G 13	1577.7964	789.4021
508.2044	5	Y 12	1520.7749	760.8914
622.2473	6	N 11	1357.7116	679.3597
719.3001	7	P 10	1243.6687	622.3382
882.3634	8	Y 9	1146.6159	573.8119
981.4318	9	V 8	983.5526	492.2802
1110.4744	10	E 7	884.4842	442.7460
1223.5585	11	I 6	755.4416	378.2247
1336.6425	12	I 5	642.3575	321.6827
1465.6851	13	E 4	529.2734	265.1406
1593.7437	14	Q 3	400.2308	200.6193
1690.7965	15	P 2	272.1723	136.5900
	16	R 1	175.1195	88.0637

N-term:+43.02

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

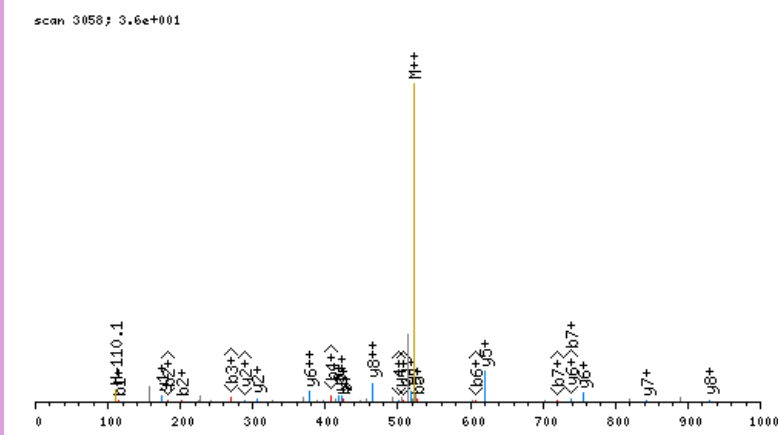
y + 2+ 3+

z + 2+ 3+

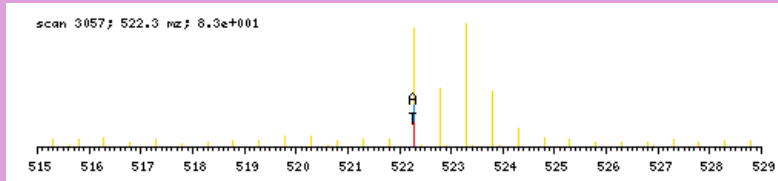
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A	9	
201.0875	2	S	8	930.4831
288.1196	3	S	7	843.4511
425.1785	4	H	6	756.4191
526.2262	5	T	5	619.3601
625.2946	6	V	4	518.3125
738.3786	7	L	3	419.2440
869.4191	8	M	2	306.1600
	9	R	1	175.1195

N-term:+43.02

ASSKKVTLSVLSR, MH+ 1485.9641, m/z 495.9929
 H OS G26 P150811 220811-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+

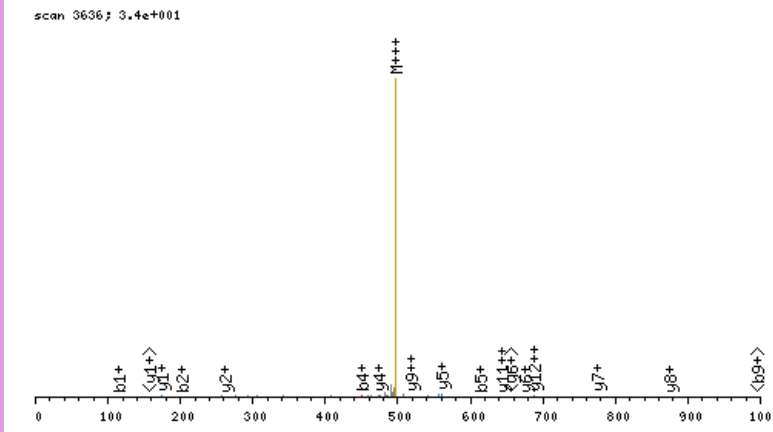
y + 2+ 3+

z + 2+ 3+

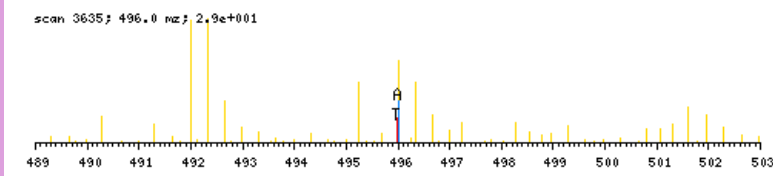
hide H₂O/NH₃

zoom 112-122

GO



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



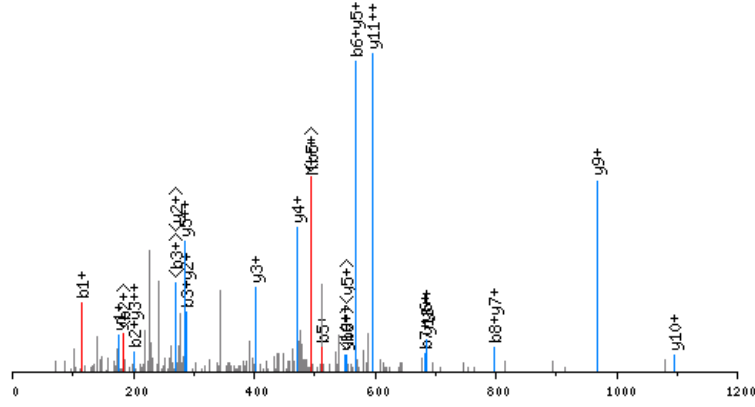
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A	13	
201.0875	2	S	12	1372.9164
288.1196	3	S	11	1285.8844
450.2777	4	K	10	1198.8524
612.4358	5	K	9	1036.6943
711.5042	6	V	8	874.5362
812.5519	7	T	7	775.4678
925.6359	8	L	6	674.4201
1012.6680	9	S	5	561.3360
1111.7364	10	V	4	474.3040
1224.8204	11	L	3	375.2356
1311.8525	12	S	2	262.1515
	13	R	1	175.1195

N-term:+43.02 K(4):+162.16
 K(5):+162.16

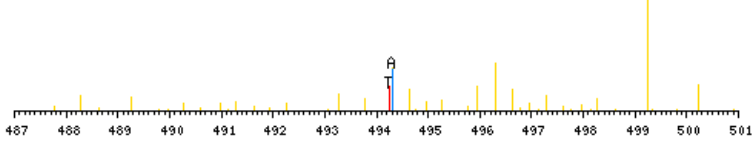
ASSPQGLDNPALLR, MH+ 1480.7760, m/z 494.2635
 H OS G29 P150811 220811-s1.04731.04731.3.dta

scan 4731; 6.8e-001



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

scan 4730; 494.3 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⁺
114.0555	1	A 14		
201.0875	2	S 13	1367.7283	684.3681
288.1196	3	S 12	1280.6963	640.8520
385.1723	4	P 11	1193.6642	597.3360
513.2309	5	Q 10	1096.6115	548.8097
570.2524	6	G 9	968.5529	484.7804
683.3364	7	L 8	911.5314	456.2696
798.3634	8	D 7	798.4474	399.7276
912.4063	9	N 6	683.4204	342.2141
1009.4591	10	P 5	569.3775	285.1927
1080.4962	11	A 4	472.3247	236.6663
1193.5803	12	L 3	401.2876	201.1477
1306.6643	13	L 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+43.02

ASSSGNDDDLTIPR, MH+ 1489.6771, m/z 745.3422
 H OS G29 P150811 220811-s1.03779.03779.2.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+

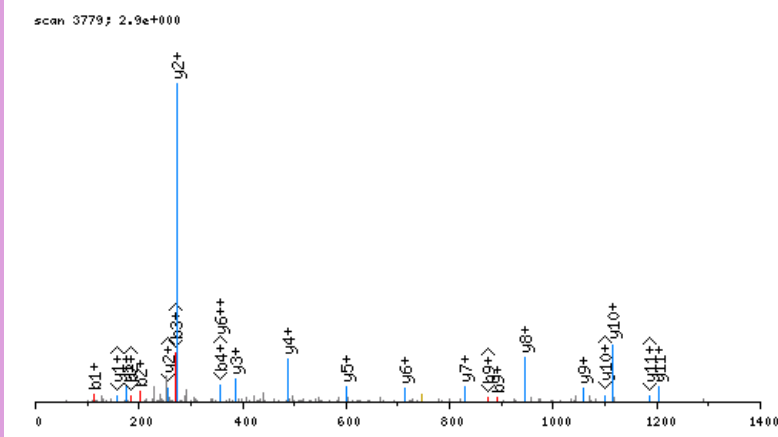
y + 2+ 3+

z + 2+ 3+

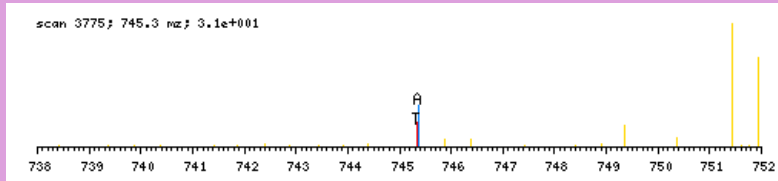
hide H₂O/NH₃

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⁺
114.0555	1	A 14		
201.0875	2	S 13	1376.6294	688.8186
288.1196	3	S 12	1289.5973	645.3026
375.1516	4	S 11	1202.5653	601.7866
432.1731	5	G 10	1115.5333	558.2706
546.2160	6	N 9	1058.5118	529.7598
661.2429	7	D 8	944.4689	472.7384
776.2699	8	D 7	829.4420	415.2249
891.2968	9	D 6	714.4150	357.7114
1004.3809	10	L 5	599.3881	300.1979
1105.4286	11	T 4	486.3040	243.6559
1218.5126	12	I 3	385.2563	193.1321
1315.5654	13	P 2	272.1723	136.5900
	14	R 1	175.1195	88.0637

N-term:+43.02

ASTDIAGLEESFR, MH+ 1437.6862, m/z 719.3467
 H OS G29 P150811 220811-s1.06081.06081.2.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+

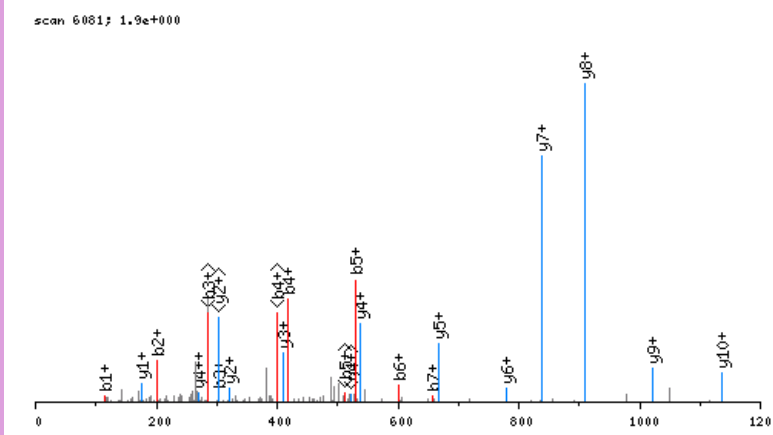
y + 2+ 3+

z + 2+ 3+

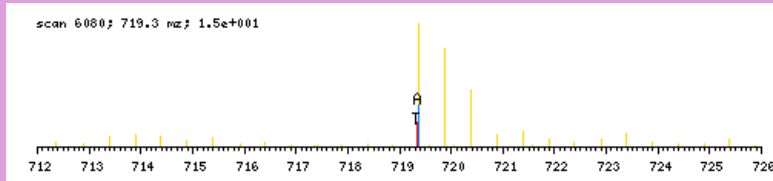
hide H₂O/NH₃

zoom 112-122

GO



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



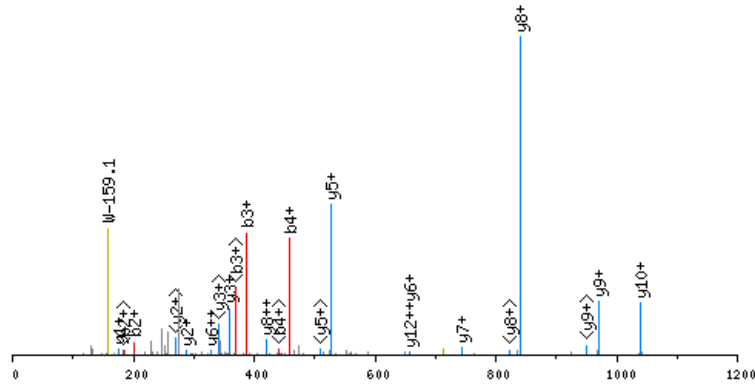
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 13		
201.0875	2	S 12	1324.6385	662.8232
302.1352	3	T 11	1237.6065	619.3071
417.1622	4	D 10	1136.5588	568.7833
530.2462	5	I 9	1021.5318	511.2698
601.2833	6	A 8	908.4478	454.7278
658.3048	7	G 7	837.4107	419.2092
771.3889	8	L 6	780.3892	390.6985
900.4315	9	E 5	667.3051	334.1565
1029.4741	10	E 4	538.2625	269.6352
1116.5061	11	S 3	409.2199	205.1139
1263.5745	12	F 2	322.1879	161.5979
	13	R 1	175.1195	88.0637

N-term:+43.02

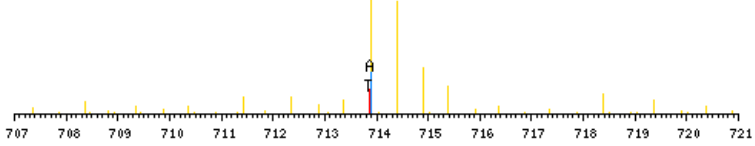
ASWAEPSEPAALR, MH+ 1426.6967, m/z 713.8520
 H OS G29 P150811 220811-s1.04916.04916.2.dta

scan 4916; 2.6e+000



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

scan 4915; 713.9 m/z; 9.8e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 13		
201.0875	2	S 12	1313.6490	657.3284
387.1669	3	W 11	1226.6170	613.8124
458.2040	4	A 10	1040.5376	520.7727
587.2466	5	E 9	969.5005	485.2542
684.2993	6	P 8	840.4579	420.7329
771.3314	7	S 7	743.4052	372.2065
900.3739	8	E 6	656.3731	328.6905
997.4267	9	P 5	527.3306	264.1692
1068.4638	10	A 4	430.2778	215.6428
1139.5009	11	A 3	359.2407	180.1243
1252.5850	12	L 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+43.02

ASYFDEHDCEPLNPER, MH+ 2020.8347, m/z 674.2831
 H OS G24 P150811 220811-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+

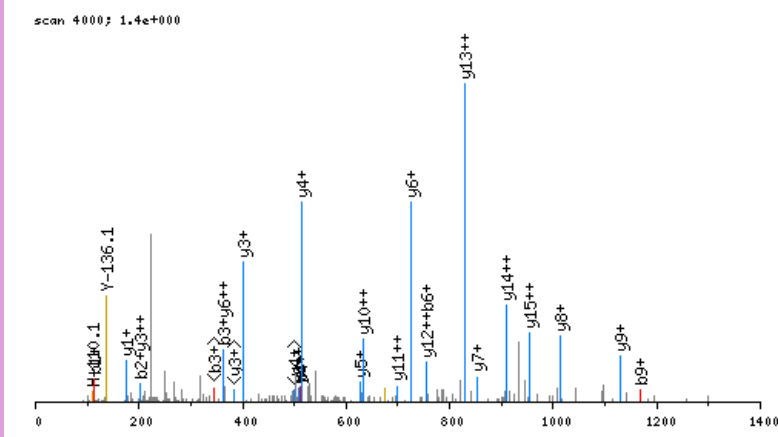
y + 2+ 3+

z + 2+ 3+

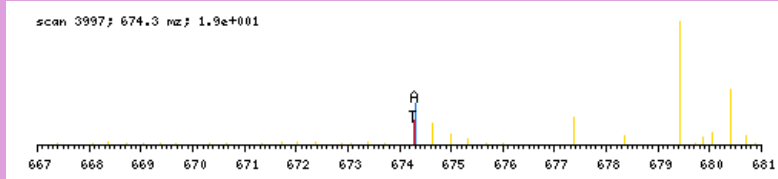
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 16		
201.0875	2	S 15	1907.7870	954.3974
364.1509	3	Y 14	1820.7549	910.8814
511.2193	4	F 13	1657.6916	829.3497
626.2462	5	D 12	1510.6232	755.8155
755.2888	6	E 11	1395.5963	698.3020
892.3477	7	H 10	1266.5537	633.7807
1007.3747	8	D 9	1129.4947	565.2513
1167.4053	9	C 8	1014.4678	507.7378
1296.4479	10	E 7	854.4372	427.7225
1393.5006	11	P 6	725.3946	363.2012
1506.5847	12	L 5	628.3418	314.6748
1620.6276	13	N 4	515.2578	258.1328
1717.6804	14	P 3	401.2149	201.1113
1846.7230	15	E 2	304.1621	152.5850
	16	R 1	175.1195	88.0637

N-term:+43.02 C(9):+160.03

ASYYEILDVPR, MH+ 1367.6847, m/z 684.3460
 H OS G29 P150811 220811-s1.06227.06227.2.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+

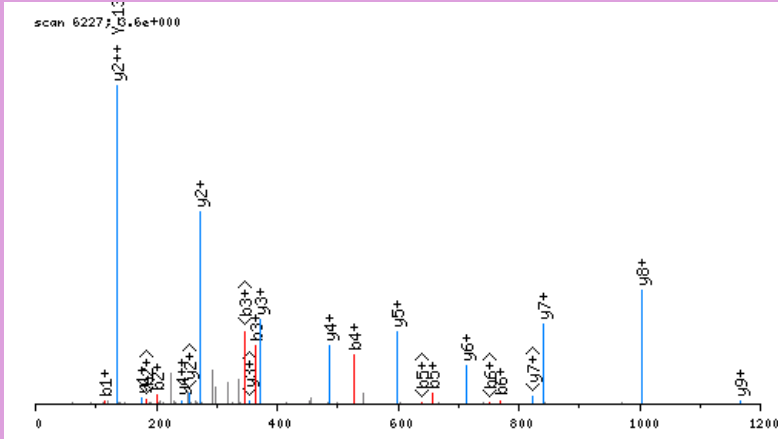
y + 2+ 3+

z + 2+ 3+

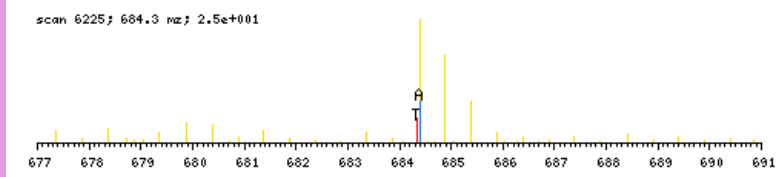
hide H₂O/NH₃

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⁺
114.0555	1	A 11		
201.0875	2	S 10	1254.6370	627.8224
364.1509	3	Y 9	1167.6050	584.3064
527.2142	4	Y 8	1004.5417	502.7747
656.2568	5	E 7	841.4783	421.2431
769.3409	6	I 6	712.4357	356.7218
882.4249	7	L 5	599.3517	300.1798
997.4519	8	D 4	486.2676	243.6377
1096.5203	9	V 3	371.2407	186.1243
1193.5730	10	P 2	272.1723	136.5900
	11	R 1	175.1195	88.0637

N-term:+43.02

ATCPVLQKETLFR, MH+ 1632.8783, m/z 544.9643
 H OS G24 P150811 220811-s1.04248.04248.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

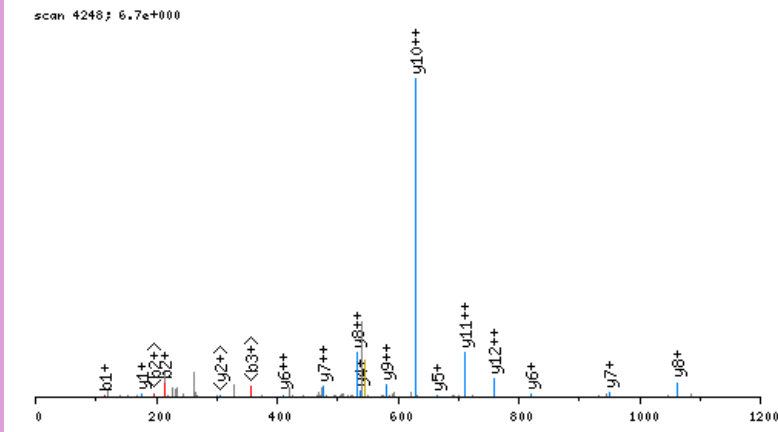
y + 2+ 3+

z + 2+ 3+

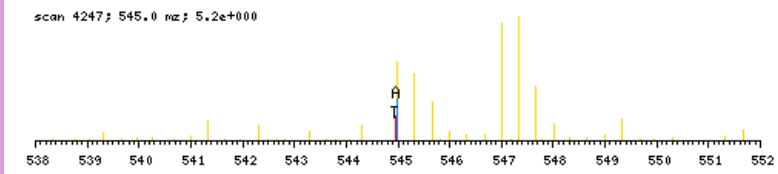
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 13		
215.1032	2	T 12	1519.8306	760.4192
375.1338	3	C 11	1418.7830	709.8954
472.1866	4	P 10	1258.7524	629.8801
571.2550	5	V 9	1161.6996	581.3537
684.3390	6	L 8	1062.6312	531.8195
812.3976	7	Q 7	949.5471	475.2775
968.5239	8	K 6	821.4886	411.2482
1097.5665	9	E 5	665.3623	333.1850
1198.6142	10	T 4	536.3197	268.6637
1311.6982	11	L 3	435.2720	218.1399
1458.7667	12	F 2	322.1879	161.5979
	13	R 1	175.1195	88.0637

N-term:+43.02 C(3):+160.03
 K(8):+156.13

ATDDKSSPTLDSANDLPR, MH+ 1972.9464, m/z 658.3203
 H OS G24 P150811 220811-s1.03296.03296.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

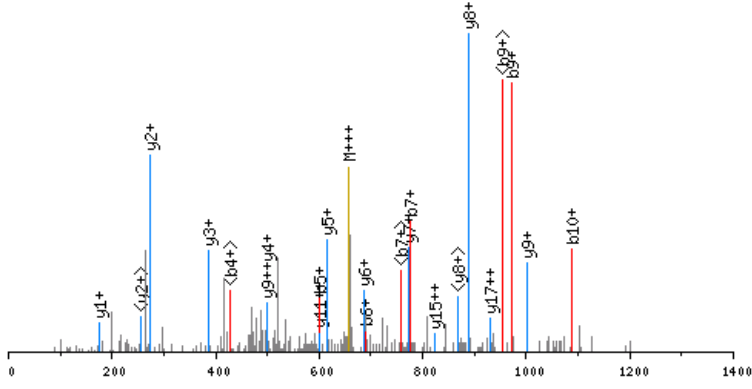
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

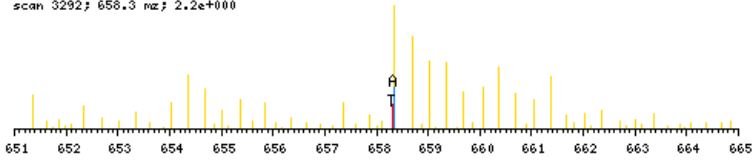
GO

scan 3296; 7.7e-001



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

scan 3292; 658.3 m/z; 2.2e+000



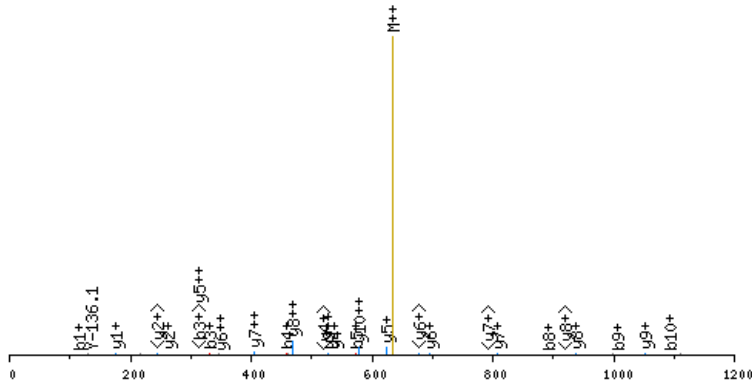
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 18		
215.1032	2	T 17	1859.8987	930.4533
330.1301	3	D 16	1758.8510	879.9294
445.1571	4	D 15	1643.8241	822.4160
601.2834	5	K 14	1528.7971	764.9025
688.3154	6	S 13	1372.6708	686.8393
775.3474	7	S 12	1285.6388	643.3233
872.4002	8	P 11	1198.6068	599.8073
973.4479	9	T 10	1101.5540	551.2809
1086.5319	10	L 9	1000.5063	500.7571
1201.5589	11	D 8	887.4223	444.2151
1288.5909	12	S 7	772.3953	386.7016
1359.6280	13	A 6	685.3633	343.1856
1473.6710	14	N 5	614.3262	307.6670
1588.6979	15	D 4	500.2833	250.6455
1701.7820	16	L 3	385.2563	193.1321
1798.8347	17	P 2	272.1723	136.5900
	18	R 1	175.1195	88.0637

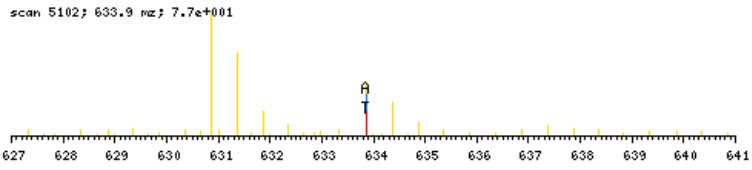
N-term:+43.02 K(5):+156.13

ATDELASKLSR, MH+ 1266.7118, m/z 633.8595
 H OS G25 P150811 220811-s1.05103.05103.2.dta

scan 5103; 3.6e+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⁺
114.0555	1	A 11		
215.1032	2	T 10	1153.6641	577.3360
330.1301	3	D 9	1052.6164	526.8121
459.1727	4	E 8	937.5895	469.2987
572.2568	5	L 7	808.5469	404.7774
643.2939	6	A 6	695.4628	348.2353
730.3259	7	S 5	624.4257	312.7168
892.4840	8	K 4	537.3937	269.2008
1005.5681	9	L 3	375.2356	188.1217
1092.6001	10	S 2	262.1515	131.5797
	11	R 1	175.1195	88.0637

N-term:+43.02 K(8):+162.16

ATEGMILTNDHQIR, MH+ 1777.8656, m/z 593.2934
 H OS G27 P150811 220811-s1.04811.04811.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

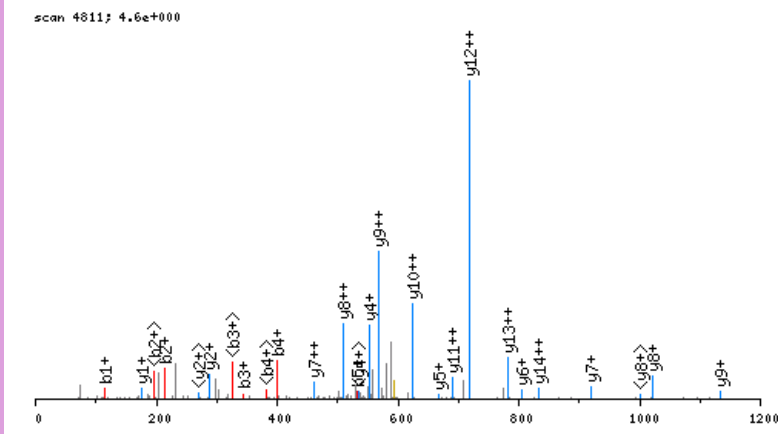
y + 2+ 3+

z + 2+ 3+

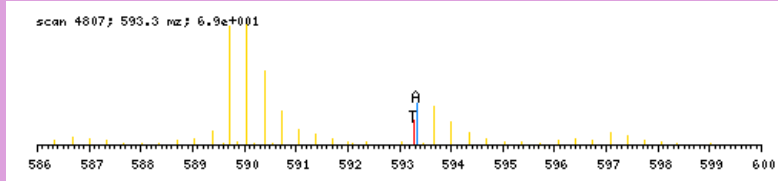
hide H₂O/NH₃

zoom 112-122

GO



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



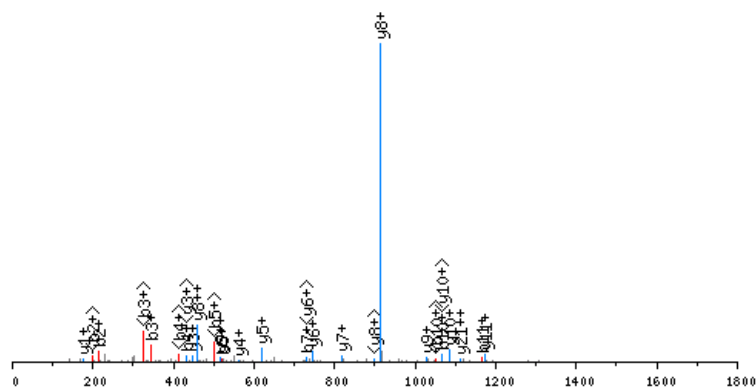
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 15		
215.1032	2	T 14	1664.8179	832.9128
344.1458	3	E 13	1563.7702	782.3890
401.1672	4	G 12	1434.7276	717.8677
532.2077	5	M 11	1377.7061	689.3570
645.2918	6	I 10	1246.6656	623.8367
758.3759	7	L 9	1133.5816	567.2947
859.4235	8	T 8	1020.4975	510.7527
973.4665	9	N 7	919.4498	460.2288
1110.5254	10	H 6	805.4069	403.2074
1225.5523	11	D 5	668.3480	334.6779
1362.6112	12	H 4	553.3211	277.1644
1490.6698	13	Q 3	416.2621	208.6350
1603.7539	14	I 2	288.2036	144.6057
	15	R 1	175.1195	88.0637

N-term:+43.02

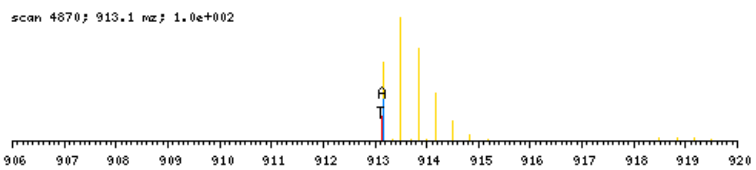
ATESSPLTHVLDTASGLPAQGLCLR, MH+ 2737.3830, m/z 913.1325
 H OS G24 P150811 220811-s1.04871.04871.3.dta

scan 4871: 1.7e+001



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

scan 4870: 913.1 m/z; 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⁺
114.0555	1	A 26		
215.1032	2	T 25	2624.3353	1312.6716
344.1458	3	E 24	2523.2877	1262.1477
431.1778	4	S 23	2394.2451	1197.6264
518.2098	5	S 22	2307.2130	1154.1104
615.2626	6	P 21	2220.1810	1110.5944
728.3467	7	L 20	2123.1283	1062.0680
829.3943	8	T 19	2010.0442	1005.5260
930.4420	9	T 18	1908.9965	955.0022
1067.5009	10	H 17	1807.9488	904.4783
1166.5694	11	V 16	1670.8899	835.9489
1279.6534	12	L 15	1571.8215	786.4147
1394.6804	13	D 14	1458.7374	729.8726
1495.7280	14	T 13	1343.7105	672.3592
1566.7652	15	A 12	1242.6628	621.8353
1653.7972	16	S 11	1171.6257	586.3168
1710.8186	17	G 10	1084.5937	542.8008
1823.9027	18	L 9	1027.5722	514.2900
1920.9555	19	P 8	914.4881	457.7480
1991.9926	20	A 7	817.4354	409.2216
2120.0512	21	Q 6	746.3983	373.7030
2177.0726	22	G 5	618.3397	309.6738
2290.1567	23	L 4	561.3182	281.1630
2450.1873	24	C 3	448.2342	224.6210
2563.2714	25	L 2	288.2036	144.6057
	26	R 1	175.1195	88.0637

N-term:+43.02 C(24):+160.03

ATGANATPLDFPSKKR, MH+ 1784.0343, m/z 595.3496
 H OS G26 P150811 220811-s1.03597.03597.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

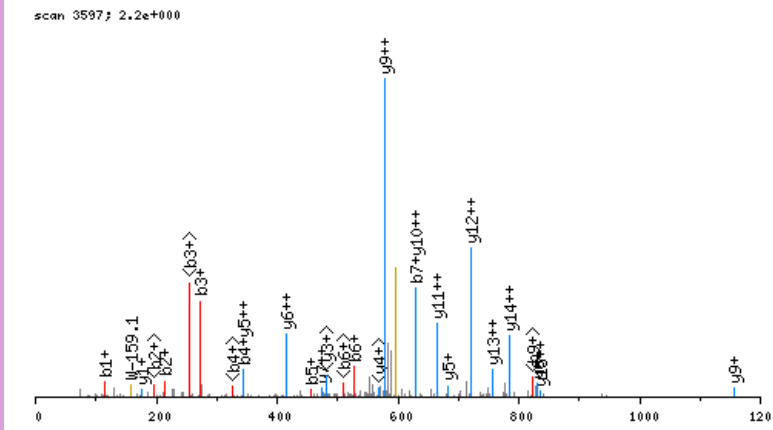
y + 2+ 3+

z + 2+ 3+

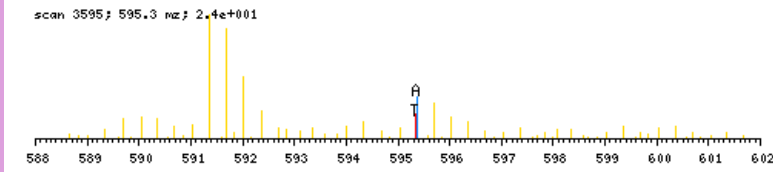
hide H₂O/NH₃

zoom 112-122

GO



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



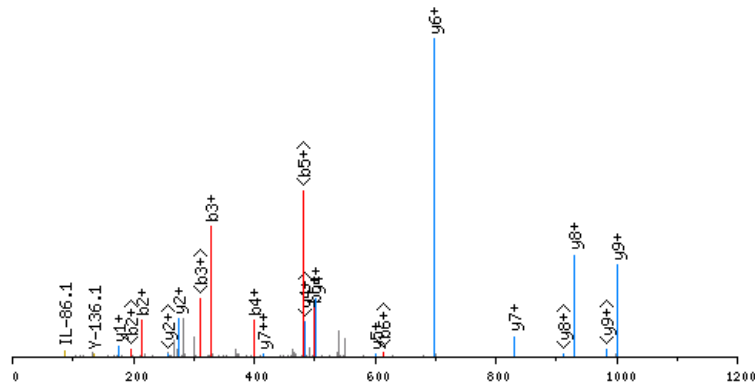
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	16		
215.1032	2	T	15	1670.9867	835.9972
272.1247	3	G	14	1569.9390	785.4734
343.1618	4	A	13	1512.9175	756.9627
457.2047	5	N	12	1441.8804	721.4441
528.2418	6	A	11	1327.8375	664.4226
629.2895	7	T	10	1256.8004	628.9041
726.3423	8	P	9	1155.7527	578.3803
839.4263	9	L	8	1058.6999	529.8539
954.4533	10	D	7	945.6159	473.3118
1101.5217	11	F	6	830.5889	415.7984
1198.5744	12	P	5	683.5205	342.2642
1285.6065	13	S	4	586.4677	293.7378
1447.7646	14	K	3	499.4357	250.2218
1609.9227	15	K	2	337.2776	169.1427
	16	R	1	175.1195	88.0637

N-term:+43.02 K(14):+162.16
 K(15):+162.16

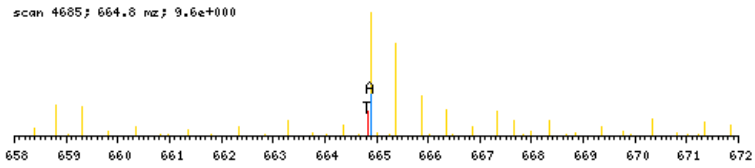
ATIATMPVPETR, MH+ 1328.6884, m/z 664.8478
 H OS G29 P150811 220811-s1.04687.04687.2.dta

scan 4637; 2.8e+000



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

scan 4685; 664.8 m/z; 9.6e+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⁺
114.0555	1	A	12		
215.1032	2	T	11	1215.6407	608.3243
328.1873	3	I	10	1114.5931	557.8004
399.2244	4	A	9	1001.5090	501.2584
500.2720	5	T	8	930.4719	465.7399
631.3125	6	M	7	829.4242	415.2160
728.3653	7	P	6	698.3837	349.6958
827.4337	8	V	5	601.3310	301.1694
924.4865	9	P	4	502.2625	251.6352
1053.5291	10	E	3	405.2098	203.1088
1154.5767	11	T	2	276.1672	138.5875
	12	R	1	175.1195	88.0637

N-term:+43.02

ATIGPSGLHPGER, MH+ 1333.6864, m/z 667.3469
 H OS G25 P150811 220811-s1.04299.04299.2.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+

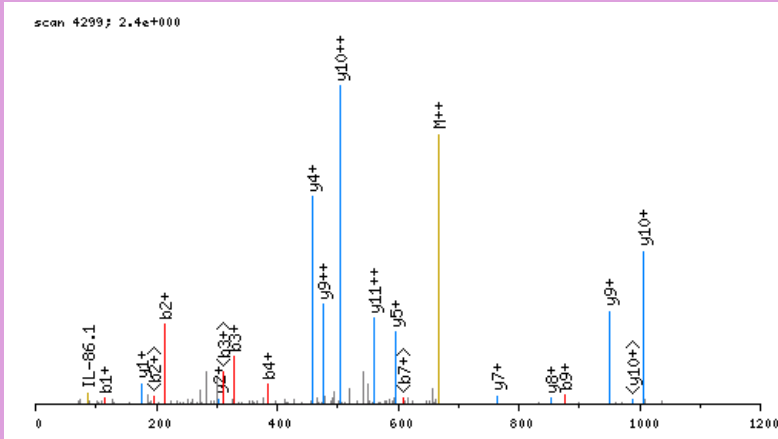
y + 2+ 3+

z + 2+ 3+

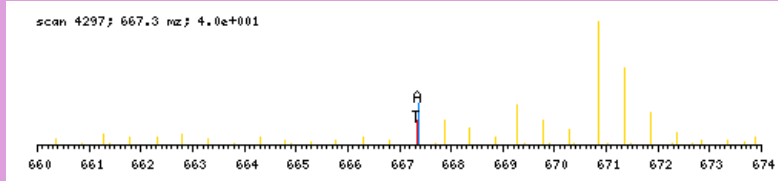
hide H₂O/NH₃

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⁺
114.0555	1	A 13		
215.1032	2	T 12	1220.6388	610.8233
328.1873	3	I 11	1119.5911	560.2995
385.2087	4	G 10	1006.5070	503.7574
482.2615	5	P 9	949.4856	475.2467
569.2935	6	S 8	852.4328	426.7203
626.3150	7	G 7	765.4008	383.2043
739.3990	8	L 6	708.3793	354.6936
876.4580	9	H 5	595.2952	298.1515
973.5107	10	P 4	458.2363	229.6221
1030.5322	11	G 3	361.1836	181.0957
1159.5748	12	E 2	304.1621	152.5850
	13	R 1	175.1195	88.0637

N-term:+43.02

ATKCTKCGPGYSTPLEAMKGPR, MH+ 2554.3680, m/z 639.3475
 H OS G27 P150811 220811-s1.04455.04455.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

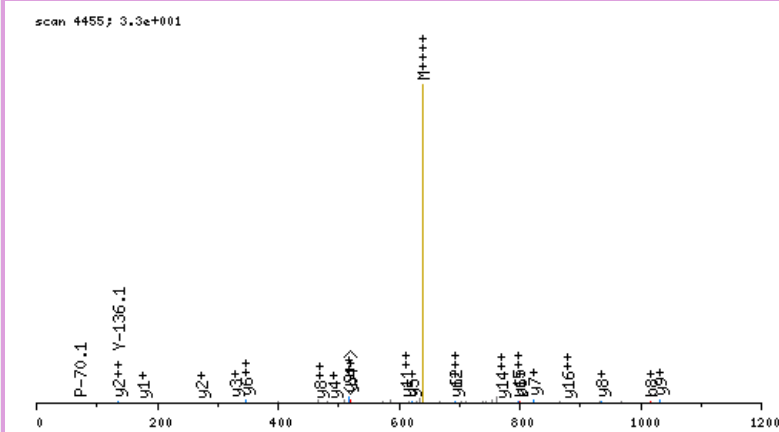
y + 2+ 3+

z + 2+ 3+

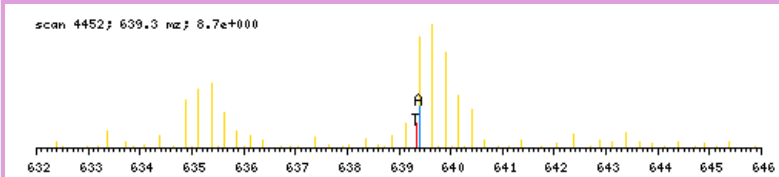
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 22		
215.1032	2	T 21	2441.3203	1221.1641
377.2613	3	K 20	2340.2727	1170.6402
537.2919	4	C 19	2178.1146	1089.5612
638.3396	5	T 18	2018.0840	1009.5459
800.4977	6	K 17	1917.0363	959.0220
960.5283	7	C 16	1754.8782	877.9430
1017.5497	8	G 15	1594.8476	797.9277
1114.6025	9	P 14	1537.8261	769.4170
1171.6240	10	G 13	1440.7733	720.8906
1334.6873	11	Y 12	1383.7519	692.3799
1421.7193	12	S 11	1220.6886	610.8482
1522.7670	13	T 10	1133.6565	567.3322
1619.8198	14	P 9	1032.6088	516.8083
1732.9038	15	L 8	935.5561	468.2820
1861.9464	16	E 7	822.4720	411.7399
1932.9835	17	A 6	693.4294	347.2186
2064.0240	18	M 5	622.3923	311.7001
2226.1821	19	K 4	491.3518	246.1798
2283.2036	20	G 3	329.1937	165.1008
2380.2563	21	P 2	272.1723	136.5900
	22	R 1	175.1195	88.0637

N-term:+43.02 K(3):+162.16
 C(4):+160.03 K(6):+162.16 C(7):+160.03
 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+

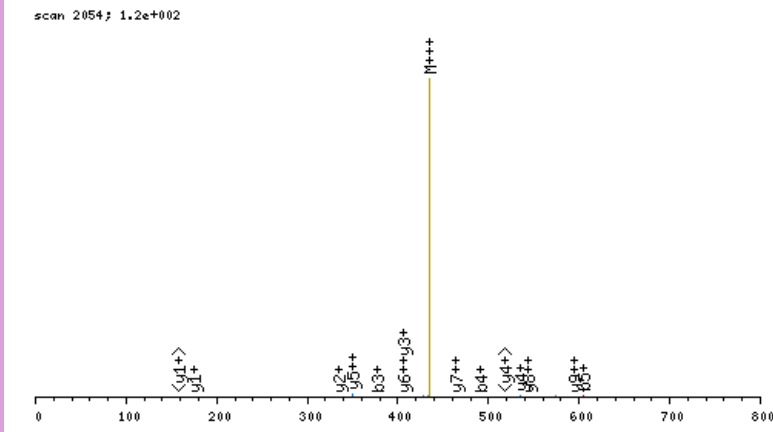
y + 2+ 3+

z + 2+ 3+

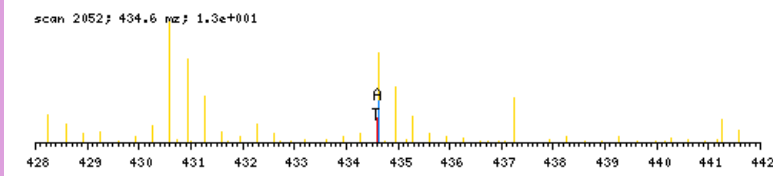
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 10		
215.1032	2	T 9	1188.7047	594.8563
377.2613	3	K 8	1087.6570	544.3324
490.3454	4	I 7	925.4989	463.2534
605.3723	5	D 6	812.4149	406.7113
767.5304	6	K 5	697.3879	349.1979
896.5730	7	E 4	535.2298	268.1188
967.6101	8	A 3	406.1872	203.5975
1127.6407	9	C 2	335.1501	168.0790
	10	R 1	175.1195	88.0637

N-term:+43.02 K(3):+162.16
K(6):+162.16 C(9):+160.03

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

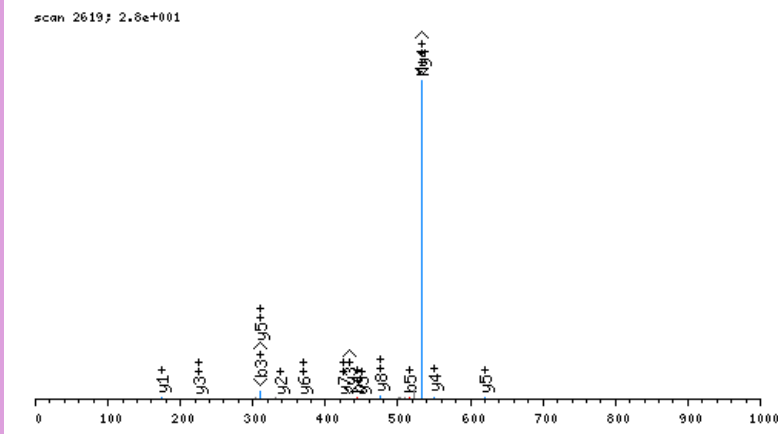
y + 2+ 3+

z + 2+ 3+

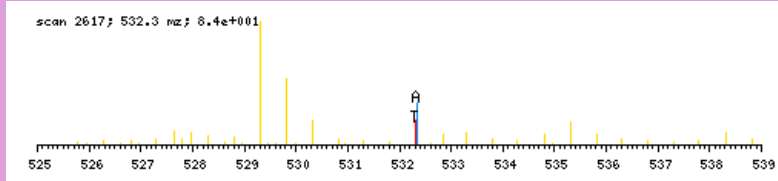
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A	9	
215.1032	2	T	8	950.5847
329.1461	3	N	7	849.5371
444.1731	4	D	6	735.4941
515.2102	5	A	5	620.4672
614.2786	6	V	4	549.4301
727.3627	7	L	3	450.3617
889.5208	8	K	2	337.2776
	9	R	1	175.1195

N-term:+43.02 K(8):+162.16

ATPAAPASGVR, MH+ 1039.5536, m/z 520.2805
 H OS G29 P150811 220811-s1.02522.02522.2.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+

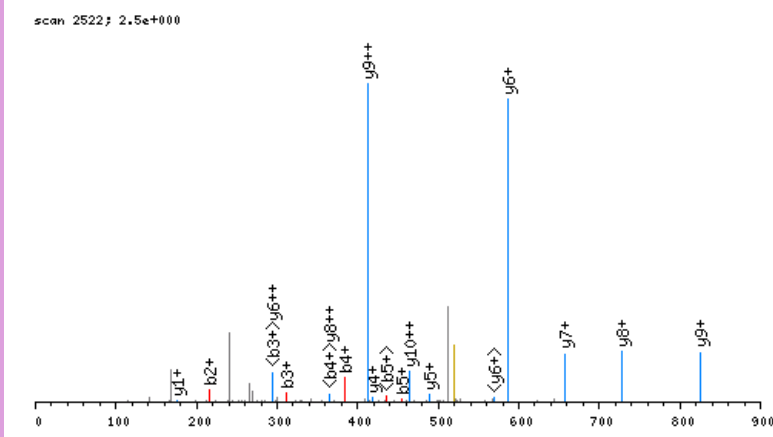
y + 2+ 3+

z + 2+ 3+

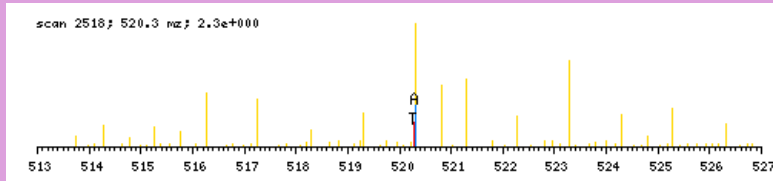
hide H₂O/NH₃

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⁺
114.0555	1	A	11		
215.1032	2	T	10	926.5060	463.7569
312.1560	3	P	9	825.4583	413.2331
383.1931	4	A	8	728.4055	364.7067
454.2302	5	A	7	657.3684	329.1881
551.2829	6	P	6	586.3313	293.6696
622.3201	7	A	5	489.2785	245.1432
709.3521	8	S	4	418.2414	209.6246
766.3736	9	G	3	331.2094	166.1086
865.4420	10	V	2	274.1879	137.5979
	11	R	1	175.1195	88.0637

N-term:+43.02

ATPEASGSGEKVEGSEPSVTYYR, MH+ 2477.1897, m/z 826.4014
 H OS G24 P150811 220811-s1.03265.03265.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

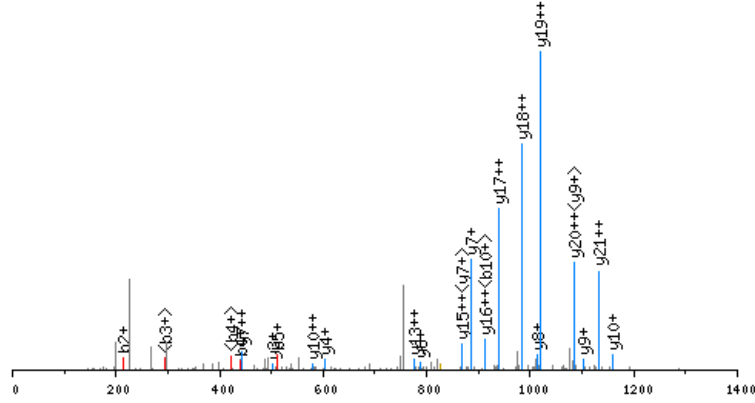
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

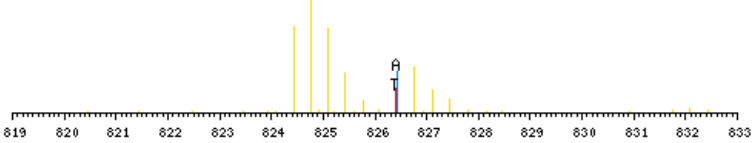
GO

scan 3265; 2.9e+000



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

scan 3262; 826.4 Hz; 1.2e+001



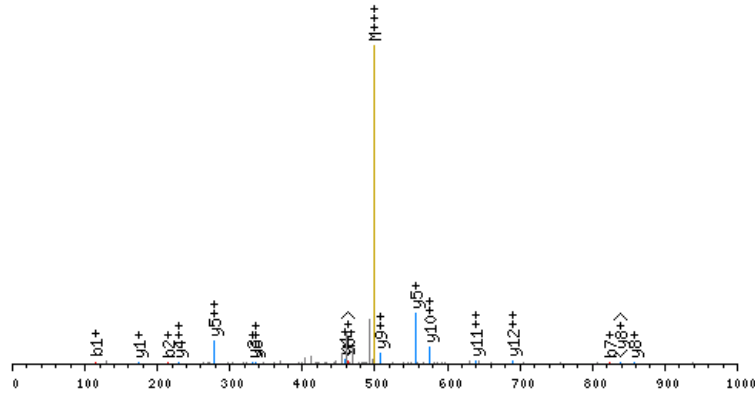
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 23		
215.1032	2	T 22	2364.1420	1182.5749
312.1560	3	P 21	2263.0943	1132.0511
441.1985	4	E 20	2166.0415	1083.5247
512.2357	5	A 19	2036.9989	1019.0034
599.2677	6	S 18	1965.9618	983.4848
656.2892	7	G 17	1878.9298	939.9688
743.3212	8	S 16	1821.9083	911.4581
800.3426	9	G 15	1734.8763	867.9421
929.3852	10	E 14	1677.8548	839.4313
1091.5433	11	K 13	1548.8122	774.9100
1190.6118	12	V 12	1386.6541	693.8310
1319.6543	13	E 11	1287.5857	644.2968
1376.6758	14	G 10	1158.5431	579.7755
1463.7078	15	S 9	1101.5217	551.2647
1592.7504	16	E 8	1014.4896	507.7487
1689.8032	17	P 7	885.4470	443.2274
1776.8352	18	S 6	788.3943	394.7011
1875.9036	19	V 5	701.3623	351.1850
1976.9513	20	T 4	602.2938	301.6508
2140.0146	21	Y 3	501.2462	251.1270
2303.0780	22	Y 2	338.1828	169.5953
	23	R 1	175.1195	88.0637

N-term:+43.02 K(11):+162.16

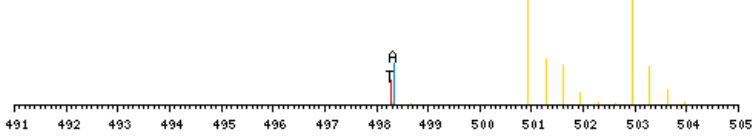
ATQHKTSLPQGV, MH+ 1492.8236, m/z 498.2794
 H OS G27 P150811 220811-s1.02411.02411.3.dta

scan 2411; 9.7e+000



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

scan 2407; 498.3 m/z; 1.9e+003



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 13		
215.1032	2	T 12	1379.7760	690.3919
343.1618	3	Q 11	1278.7283	639.8681
480.2207	4	H 10	1150.6697	575.8388
636.3470	5	K 9	1013.6108	507.3093
737.3947	6	T 8	857.4845	429.2462
824.4267	7	S 7	756.4368	378.7223
937.5108	8	L 6	669.4048	335.2063
1034.5635	9	P 5	556.3207	278.6643
1162.6221	10	Q 4	459.2680	230.1379
1219.6436	11	G 3	331.2094	166.1086
1318.7120	12	V 2	274.1879	137.5979
	13	R 1	175.1195	88.0637

N-term:+43.02 K(5):+156.13

ATRGTVTDFPGFDGR, MH+ 1638.7876, m/z 546.9341
 H OS G25 P150811 220811-s1.06431.06431.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

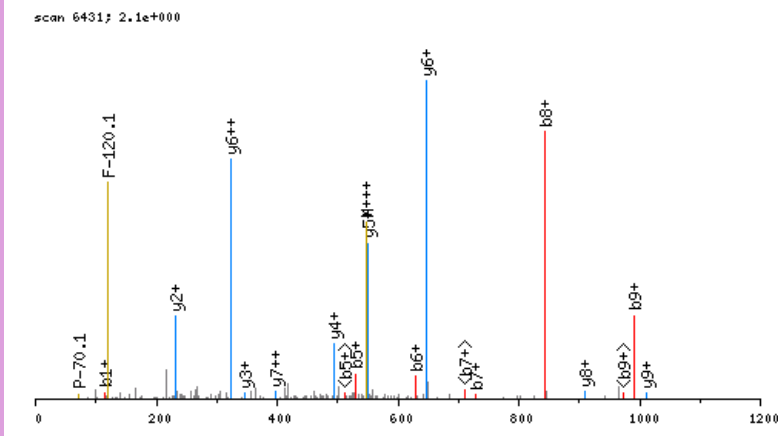
y + 2+ 3+

z + 2+ 3+

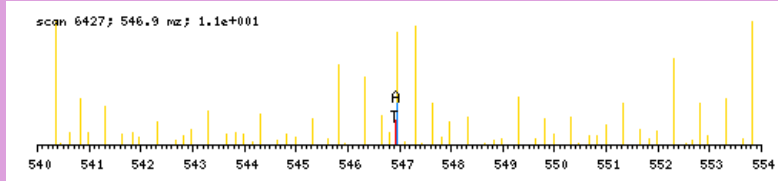
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 15		
215.1032	2	T 14	1525.7399	763.3739
371.2043	3	R 13	1424.6923	712.8500
428.2258	4	G 12	1268.5911	634.7995
529.2734	5	T 11	1211.5697	606.2888
628.3419	6	V 10	1110.5220	555.7649
729.3895	7	T 9	1011.4536	506.2307
844.4165	8	D 8	910.4059	455.7069
991.4849	9	F 7	795.3790	398.1934
1088.5377	10	P 6	648.3105	324.6592
1145.5591	11	G 5	551.2578	276.1328
1292.6275	12	F 4	494.2363	247.6221
1407.6545	13	D 3	347.1679	174.0879
1464.6759	14	G 2	232.1410	116.5744
	15	R 1	175.1195	88.0637

N-term:+43.02

ATSELSQVSEENQER, MH+ 1908.8245, m/z 636.9463
 H OS G29 P150811 220811-s1.03523.03523.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

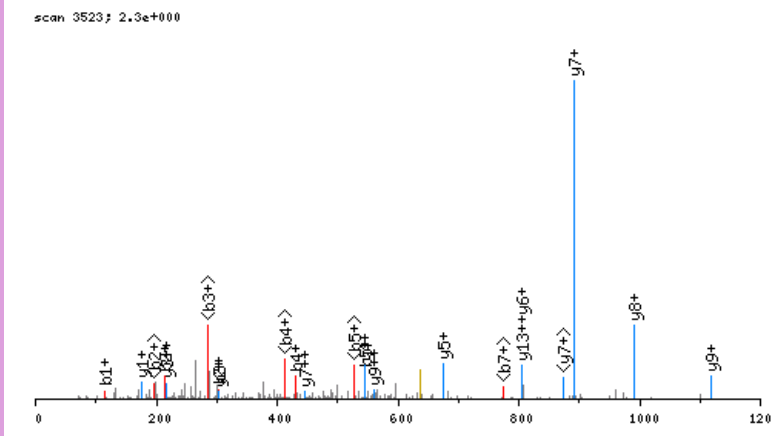
y + 2+ 3+

z + 2+ 3+

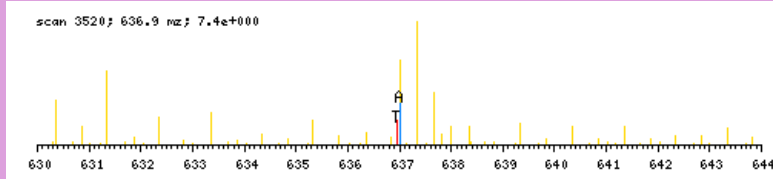
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 16		
215.1032	2	T 15	1795.7768	898.3923
302.1352	3	S 14	1694.7291	847.8685
431.1778	4	E 13	1607.6971	804.3525
544.2619	5	L 12	1478.6545	739.8312
631.2939	6	S 11	1365.5704	683.2891
791.3245	7	C 10	1278.5384	639.7731
919.3831	8	Q 9	1118.5078	559.7578
1018.4515	9	V 8	990.4492	495.7285
1105.4835	10	S 7	891.3808	446.1943
1234.5261	11	E 6	804.3488	402.6783
1363.5687	12	E 5	675.3062	338.1570
1477.6116	13	N 4	546.2636	273.6357
1605.6702	14	Q 3	432.2207	216.6142
1734.7128	15	E 2	304.1621	152.5850
	16	R 1	175.1195	88.0637

N-term:+43.02 C(7):+160.03

ATTAQQSPQPVAGKR, MH+ 1609.8662, m/z 537.2936
 H OS G25 P150811 220811-s1.02174.02174.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

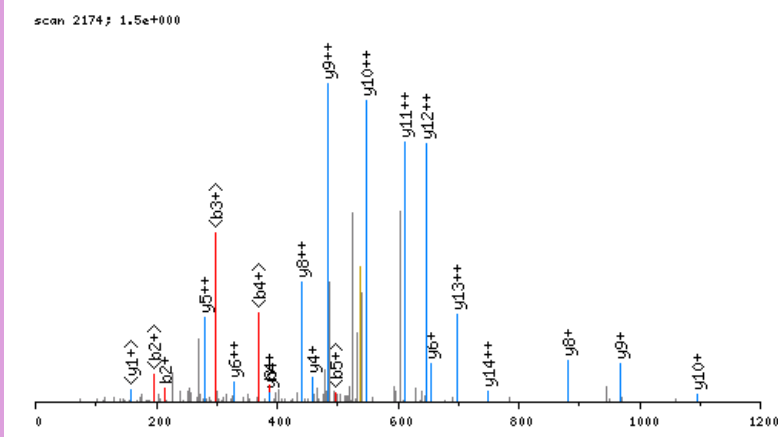
y + 2+ 3+

z + 2+ 3+

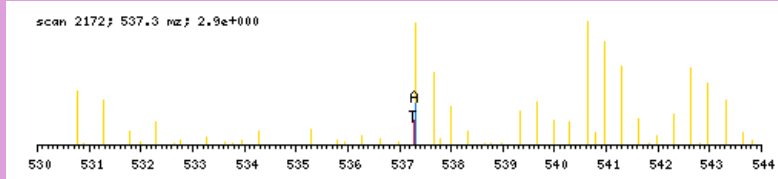
hide H₂O/NH₃

zoom 112-122

GO



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



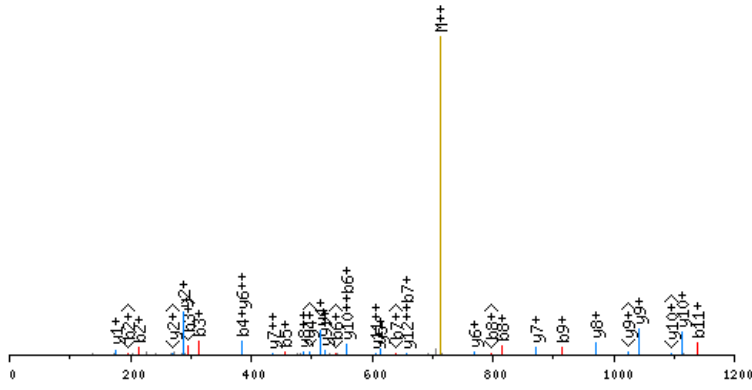
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 15		
215.1032	2	T 14	1496.8186	748.9132
316.1509	3	T 13	1395.7709	698.3893
387.1880	4	A 12	1294.7232	647.8655
515.2466	5	Q 11	1223.6861	612.3470
643.3051	6	Q 10	1095.6275	548.3177
730.3372	7	S 9	967.5689	484.2884
827.3899	8	P 8	880.5369	440.7724
955.4485	9	Q 7	783.4841	392.2460
1052.5013	10	P 6	655.4256	328.2167
1151.5697	11	V 5	558.3728	279.6903
1222.6068	12	A 4	459.3044	230.1561
1279.6283	13	G 3	388.2673	194.6375
1435.7546	14	K 2	331.2458	166.1268
	15	R 1	175.1195	88.0637

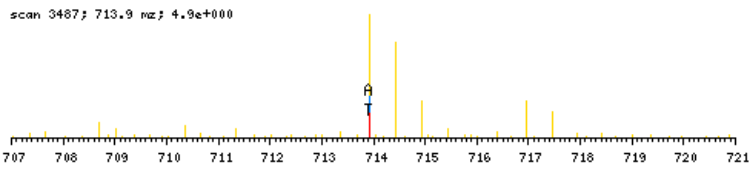
N-term:+43.02 K(14):+156.13

ATVAATTKVPEIR, MH+ 1426.8270, m/z 713.9171
 H OS G24 P150811 220811-s1.03489.03489.2.dta

scan 3489; 1.1e+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⁺
114.0555	1	A 13		
215.1032	2	T 12	1313.7793	657.3936
314.1716	3	V 11	1212.7316	606.8697
385.2087	4	A 10	1113.6632	557.3355
456.2458	5	A 9	1042.6261	521.8170
557.2935	6	T 8	971.5890	486.2984
658.3412	7	T 7	870.5413	435.7746
814.4675	8	K 6	769.4936	385.2507
913.5359	9	V 5	613.3673	307.1876
1010.5887	10	P 4	514.2989	257.6534
1139.6313	11	E 3	417.2462	209.1270
1252.7153	12	I 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+43.02 K(8):+156.13

ATVDLEKLR, MH+ 1114.6472, m/z 557.8273
 H OS G25 P150811 220811-s1.05669.05669.2.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+

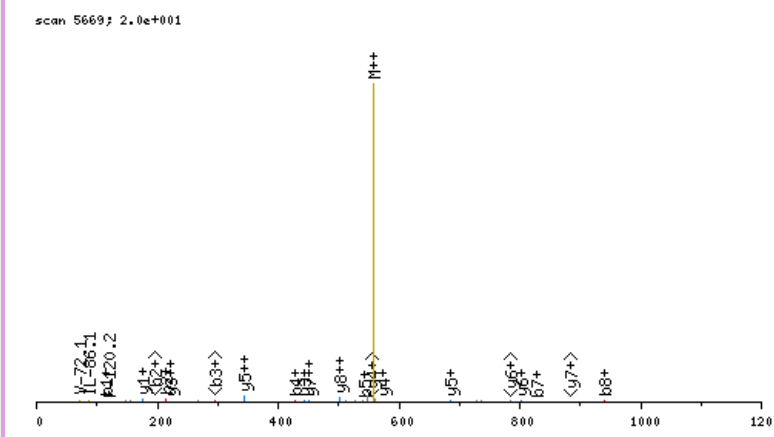
y + 2+ 3+

z + 2+ 3+

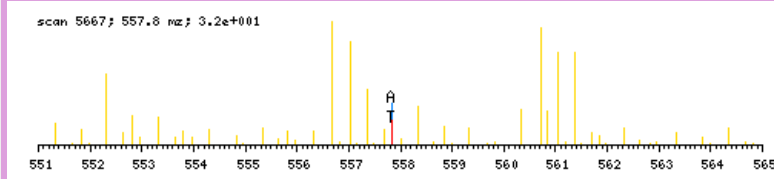
hide H₂O/NH₃

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⁺
114.0555	1	A	9	
215.1032	2	T	8	1001.5996
314.1716	3	V	7	900.5519
429.1985	4	D	6	801.4835
542.2826	5	L	5	686.4565
671.3252	6	E	4	573.3725
827.4515	7	K	3	444.3299
940.5356	8	L	2	288.2036
	9	R	1	175.1195

N-term:+43.02 K(7):+156.13

ATYLEFIQQNEER, MH+ 1682.8026, m/z 841.9049
 H OS G29 P150811 220811-s1.06338.06338.2.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+

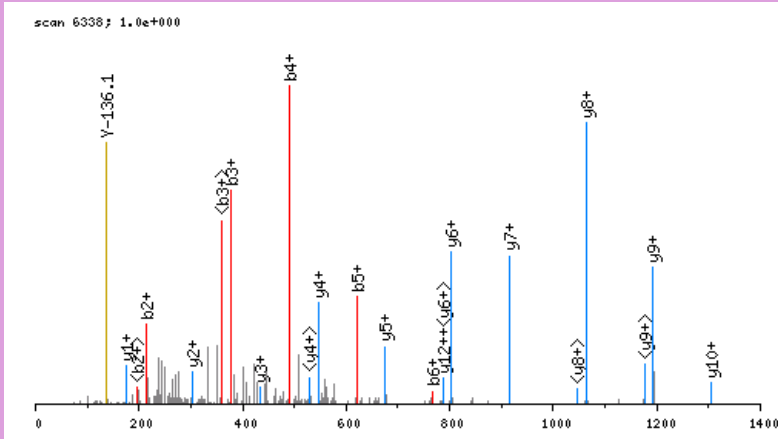
y + 2+ 3+

z + 2+ 3+

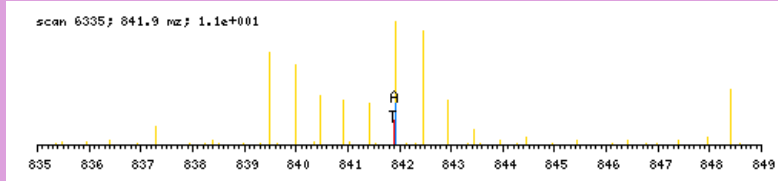
hide H₂O/NH₃

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⁺
114.0555	1	A 13		
215.1032	2	T 12	1569.7549	785.3814
378.1665	3	Y 11	1468.7072	734.8575
491.2506	4	L 10	1305.6439	653.3259
620.2932	5	E 9	1192.5598	596.7838
767.3616	6	F 8	1063.5172	532.2625
880.4457	7	I 7	916.4488	458.7283
1008.5042	8	Q 6	803.3648	402.1863
1136.5628	9	Q 5	675.3062	338.1570
1250.6057	10	N 4	547.2476	274.1277
1379.6483	11	E 3	433.2047	217.1063
1508.6909	12	E 2	304.1621	152.5850
	13	R 1	175.1195	88.0637

N-term:+43.02

AVAAAAATAMSAAGGGGASAAR, MH+ 1873.9190, m/z 625.3112
 H OS G29 P150811 220811-s1.06128.06128.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

I M C

Label:

I M C

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

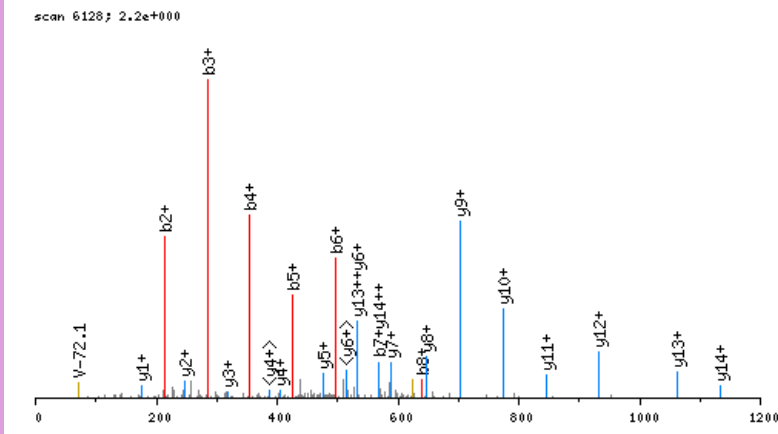
y + 2+ 3+

z + 2+ 3+

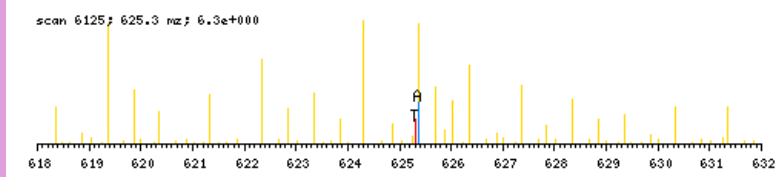
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 23		
213.1239	2	V 22	1760.8714	880.9396
284.1610	3	A 21	1661.8029	831.4054
355.1982	4	A 20	1590.7658	795.8868
426.2353	5	A 19	1519.7287	760.3683
497.2724	6	A 18	1448.6916	724.8497
568.3095	7	A 17	1377.6545	689.3312
639.3466	8	A 16	1306.6174	653.8126
740.3943	9	T 15	1235.5803	618.2940
811.4314	10	A 14	1134.5326	567.7702
942.4719	11	M 13	1063.4955	532.2516
1029.5039	12	S 12	932.4550	466.7314
1100.5410	13	A 11	845.4230	423.2154
1171.5781	14	A 10	774.3858	387.6968
1228.5996	15	G 9	703.3487	352.1783
1285.6211	16	G 8	646.3273	323.6675
1342.6425	17	G 7	589.3058	295.1568
1399.6640	18	G 6	532.2843	266.6461
1470.7011	19	A 5	475.2629	238.1353
1557.7331	20	S 4	404.2258	202.6168
1628.7703	21	A 3	317.1937	159.1008
1699.8074	22	A 2	246.1566	123.5822
	23	R 1	175.1195	88.0637

N-term:+43.02

AVAAAVAAPAGGGGAR, MH+ 1379.7395, m/z 690.3734
 H OS G29 P150811 220811-s1.03667.03667.2.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+

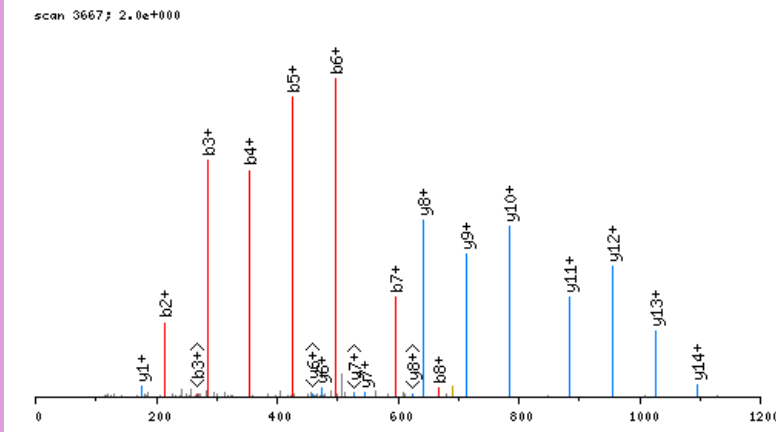
y + 2+ 3+

z + 2+ 3+

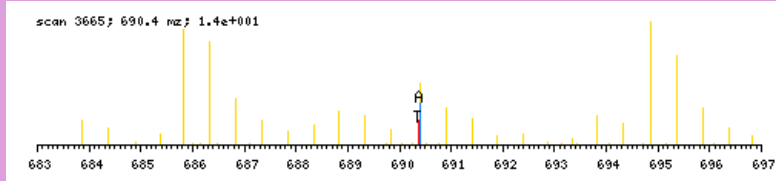
hide H₂O/NH₃

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⁺
114.0555	1	A 17		
213.1239	2	V 16	1266.6919	633.8498
284.1610	3	A 15	1167.6234	584.3156
355.1982	4	A 14	1096.5863	548.7971
426.2353	5	A 13	1025.5492	513.2785
497.2724	6	A 12	954.5121	477.7600
596.3408	7	V 11	883.4750	442.2414
667.3779	8	A 10	784.4066	392.7072
738.4150	9	A 9	713.3695	357.1886
835.4678	10	P 8	642.3323	321.6701
906.5049	11	A 7	545.2796	273.1437
963.5264	12	G 6	474.2425	237.6251
1020.5478	13	G 5	417.2210	209.1144
1077.5693	14	G 4	360.1995	180.6037
1134.5908	15	G 3	303.1781	152.0930
1205.6279	16	A 2	246.1566	123.5822
	17	R 1	175.1195	88.0637

N-term:+43.02

AVAVGRPSNEELR, MH+ 1439.7607, m/z 720.3840
 H OS G25 P150811 220811-s1.03900.03900.2.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+

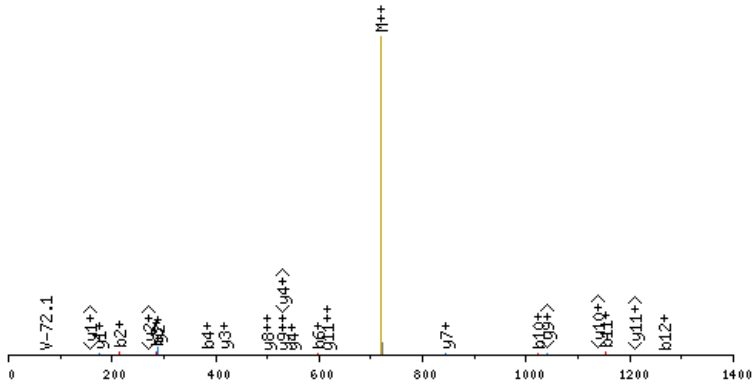
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

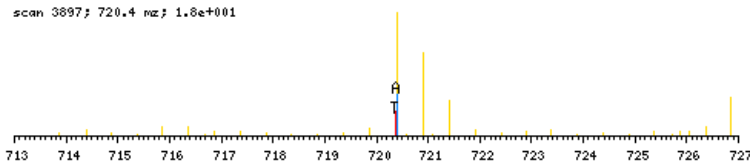
GO

scan 3900; 8.5e+001



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

scan 3897; 720.4 m/z; 1.8e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 13		
213.1239	2	V 12	1326.7130	663.8604
284.1610	3	A 11	1227.6446	614.3262
383.2295	4	V 10	1156.6075	578.8076
440.2509	5	G 9	1057.5390	529.2734
596.3520	6	R 8	1000.5176	500.7627
693.4048	7	P 7	844.4165	422.7121
780.4368	8	S 6	747.3637	374.1858
894.4798	9	N 5	660.3317	330.6698
1023.5223	10	E 4	546.2888	273.6483
1152.5649	11	E 3	417.2462	209.1270
1265.6490	12	L 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+43.02

AVDGGCGDTGDWEGR, MH+ 1593.6239, m/z 797.3156
 H OS G29 P150811 220811-s1.03446.03446.2.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+

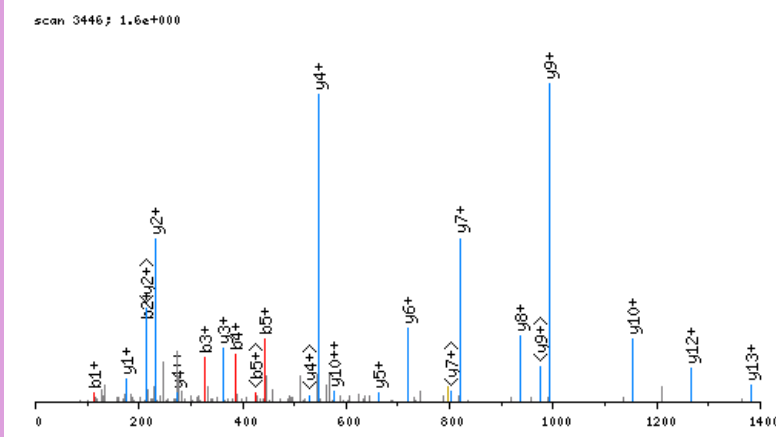
y + 2+ 3+

z + 2+ 3+

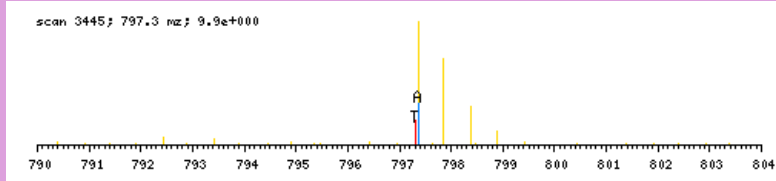
hide H₂O/NH₃

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⁺
114.0555	1	A 15		
213.1239	2	V 14	1480.5762	740.7920
328.1509	3	D 13	1381.5078	691.2578
385.1723	4	G 12	1266.4809	633.7444
442.1938	5	G 11	1209.4594	605.2336
602.2244	6	C 10	1152.4380	576.7229
659.2459	7	G 9	992.4074	496.7076
774.2728	8	D 8	935.3859	468.1969
875.3205	9	T 7	820.3590	410.6834
932.3419	10	G 6	719.3113	360.1596
1047.3689	11	D 5	662.2898	331.6488
1233.4482	12	W 4	547.2629	274.1353
1362.4908	13	E 3	361.1836	181.0957
1419.5123	14	G 2	232.1410	116.5744
	15	R 1	175.1195	88.0637

N-term:+43.02 C(6):+160.03

AVLVDLEPGTMSVR, MH+ 1643.8315, m/z 548.6153
 H OS G24 P150811 220811-s1.04576.04576.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

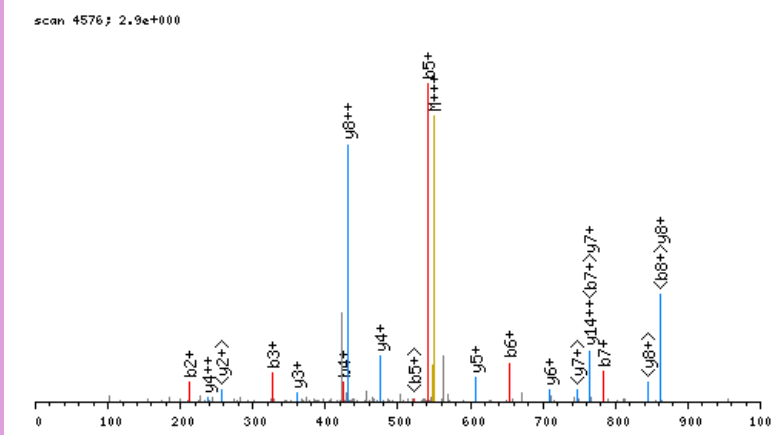
y + 2+ 3+

z + 2+ 3+

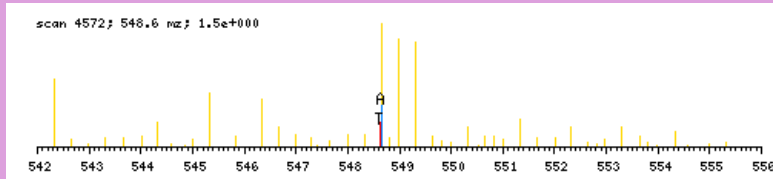
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 15		
213.1239	2	V 14	1530.7838	765.8958
326.2080	3	L 13	1431.7154	716.3616
425.2764	4	V 12	1318.6313	659.8196
540.3033	5	D 11	1219.5629	610.2854
653.3874	6	L 10	1104.5359	552.7719
782.4300	7	E 9	991.4519	496.2298
879.4828	8	P 8	862.4093	431.7086
936.5042	9	G 7	765.3565	383.1822
1037.5519	10	T 6	708.3350	354.6714
1168.5924	11	M 5	607.2874	304.1476
1283.6193	12	D 4	476.2469	238.6274
1370.6514	13	S 3	361.2199	181.1139
1469.7198	14	V 2	274.1879	137.5979
	15	R 1	175.1195	88.0637

N-term:+43.02

AVNVYSTSVTSDNLSR, MH+ 1754.8561, m/z 585.6235
 H OS G29 P150811 220811-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+

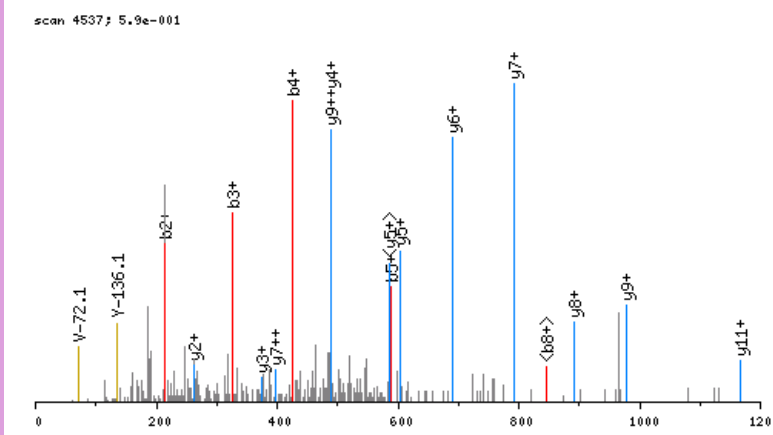
y + 2+ 3+

z + 2+ 3+

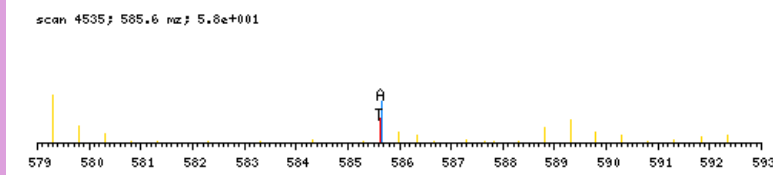
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 16		
213.1239	2	V 15	1641.8084	821.4081
327.1669	3	N 14	1542.7400	771.8739
426.2353	4	V 13	1428.6971	714.8524
589.2986	5	Y 12	1329.6286	665.3182
676.3306	6	S 11	1166.5653	583.7866
777.3783	7	T 10	1079.5333	540.2706
864.4103	8	S 9	978.4856	489.7467
963.4787	9	V 8	891.4536	446.2307
1064.5264	10	T 7	792.3852	396.6965
1151.5585	11	S 6	691.3375	346.1727
1266.5854	12	D 5	604.3055	302.6566
1380.6283	13	N 4	489.2785	245.1432
1493.7124	14	L 3	375.2356	188.1217
1580.7444	15	S 2	262.1515	131.5797
	16	R 1	175.1195	88.0637

N-term:+43.02

AVSTGVKVPK, MH+ 1083.6527, m/z 542.3300
 H OS G25 P150811 220811-s1.03619.03619.2.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+

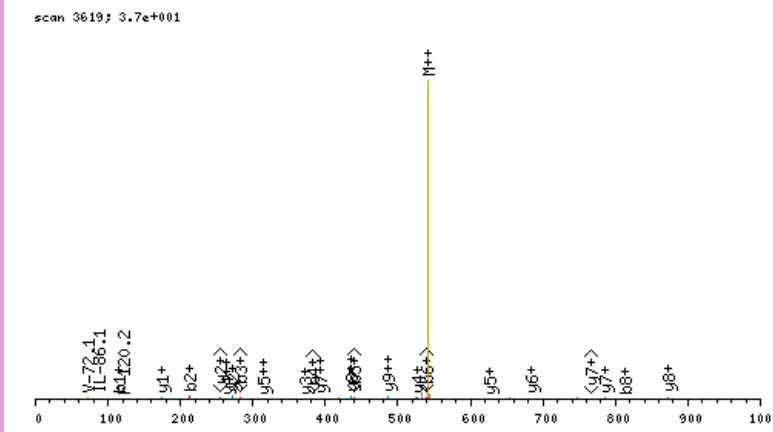
y + 2+ 3+

z + 2+ 3+

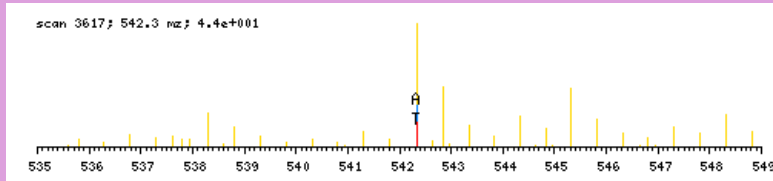
hide H₂O/NH₃

zoom 112-122

GO



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



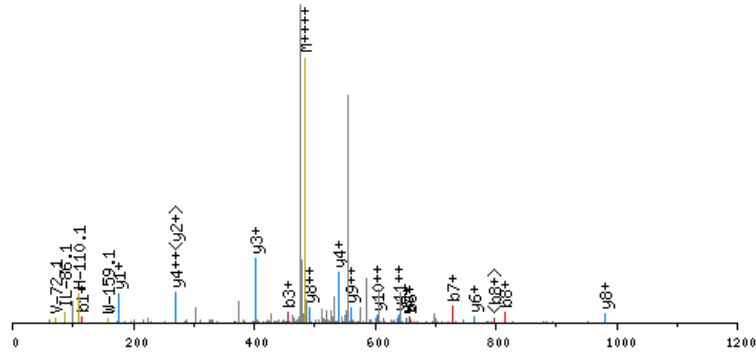
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	10		
213.1239	2	V	9	970.6050	485.8064
300.1560	3	S	8	871.5366	436.2722
401.2036	4	T	7	784.5045	392.7562
458.2251	5	G	6	683.4569	342.2323
557.2935	6	V	5	626.4354	313.7216
713.4198	7	K	4	527.3670	264.1874
812.4882	8	V	3	371.2407	186.1243
909.5410	9	P	2	272.1723	136.5900
	10	R	1	175.1195	88.0637

N-term:+43.02 K(7):+156.13

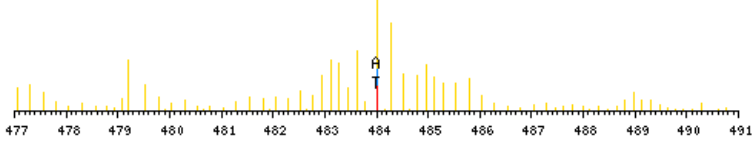
AWKSGGASHSELIHNLR, MH+ 1933.0045, m/z 484.0066
 H OS G28 P150811 220811-s1.04884.04884.4.dta

scan 4884; 1.8e+001



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

scan 4883; 484.0 m/z; 7.2e+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⁺
114.0555	1	A 17		
300.1348	2	W 16	1819.9568	910.4823
456.2611	3	K 15	1633.8775	817.4426
543.2932	4	S 14	1477.7512	739.3795
600.3146	5	G 13	1390.7191	695.8635
657.3361	6	G 12	1333.6977	667.3527
728.3732	7	A 11	1276.6762	638.8420
815.4052	8	S 10	1205.6391	603.3235
952.4641	9	H 9	1118.6071	559.8074
1039.4962	10	S 8	981.5482	491.2780
1168.5388	11	E 7	894.5161	447.7620
1281.6228	12	L 6	765.4735	383.2407
1394.7069	13	I 5	652.3895	326.6986
1531.7658	14	H 4	539.3054	270.1566
1645.8087	15	N 3	402.2465	201.6272
1758.8928	16	L 2	288.2036	144.6057
	17	R 1	175.1195	88.0637

N-term:+43.02 K(3):+156.13

AYHSFLVEPISCHAWNKDR, MH+ 2406.1877, m/z 602.3024
 H OS G28 P150811 220811-s1.07894.07894.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

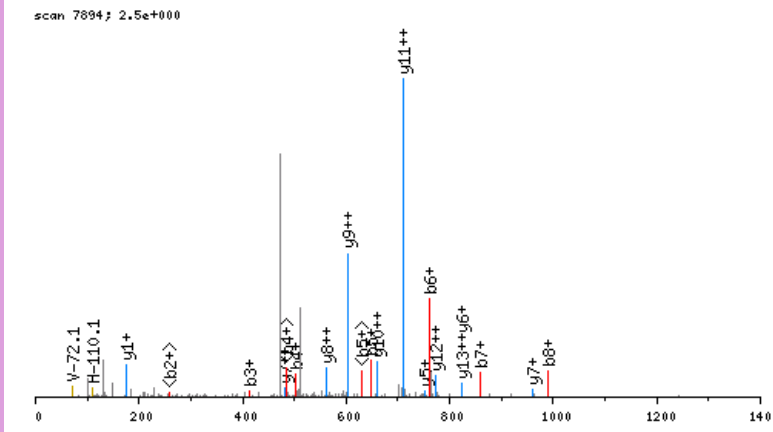
y + 2+ 3+

z + 2+ 3+

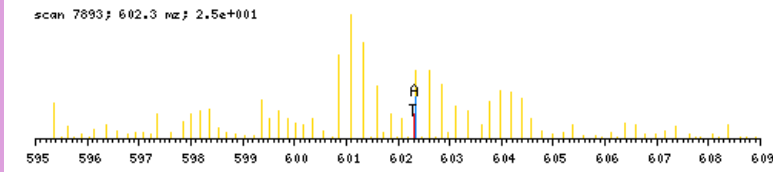
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	19		
277.1188	2	Y	18	2293.1400	1147.0739
414.1778	3	H	17	2130.0767	1065.5423
501.2098	4	S	16	1993.0178	997.0128
648.2782	5	F	15	1905.9858	953.4968
761.3623	6	L	14	1758.9173	879.9626
860.4307	7	V	13	1645.8333	823.4205
989.4733	8	E	12	1546.7649	773.8863
1086.5260	9	P	11	1417.7223	709.3650
1199.6101	10	I	10	1320.6695	660.8387
1286.6421	11	S	9	1207.5854	604.2966
1446.6727	12	C	8	1120.5534	560.7806
1583.7316	13	H	7	960.5228	480.7653
1654.7687	14	A	6	823.4639	412.2359
1840.8481	15	W	5	752.4268	376.7173
1954.8910	16	N	4	566.3475	283.6776
2117.0491	17	K	3	452.3045	226.6562
2232.0760	18	D	2	290.1464	145.5771
	19	R	1	175.1195	88.0637

N-term: +43.02 C(12): +160.03
 K(17): +162.16

AYKLVLR, MH+ 1045.6774, m/z 523.3424
 H OS G25 P150811 220811-s1.07153.07153.2.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+

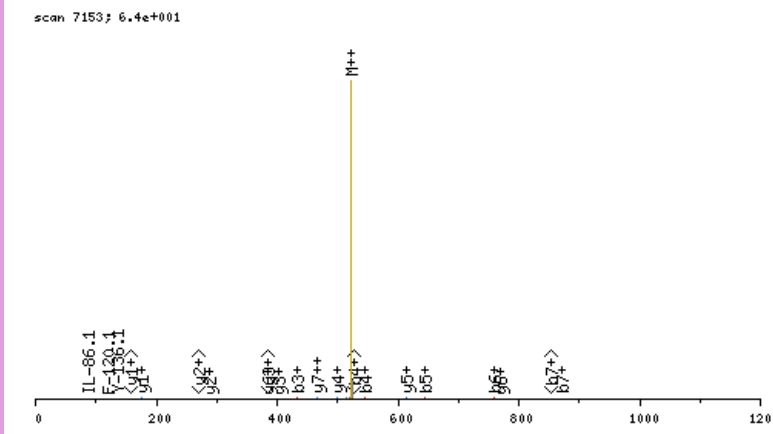
y + 2+ 3+

z + 2+ 3+

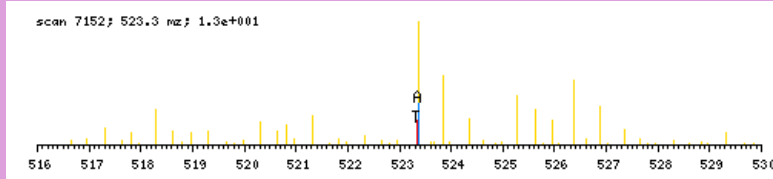
hide H₂O/NH₃

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⁺
114.0555	1	A 8		
277.1188	2	Y 7	932.6297	466.8188
433.2451	3	K 6	769.5664	385.2871
546.3292	4	L 5	613.4401	307.2240
645.3976	5	V 4	500.3560	250.6819
758.4817	6	L 3	401.2876	201.1477
871.5657	7	I 2	288.2036	144.6057
	8	R 1	175.1195	88.0637

N-term:+43.02 K(3):+156.13

DAATLTYDTRL, MH+ 1281.6327, m/z 641.3200
 H OS G29 P150811 220811-s1.06136.06136.2.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+

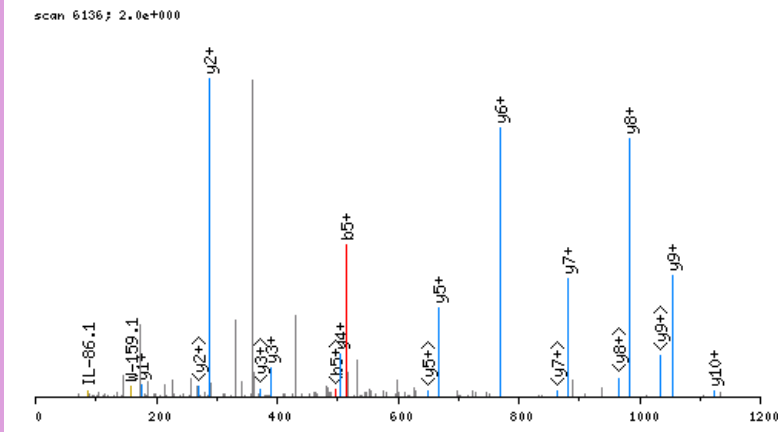
y + 2+ 3+

z + 2+ 3+

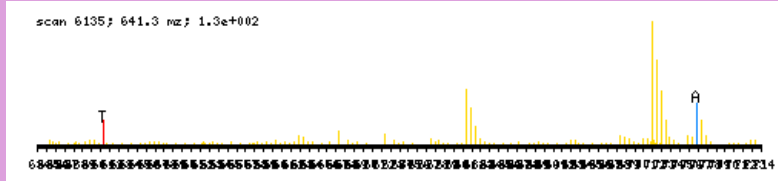
hide H₂O/NH₃

zoom 112-122

GO



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

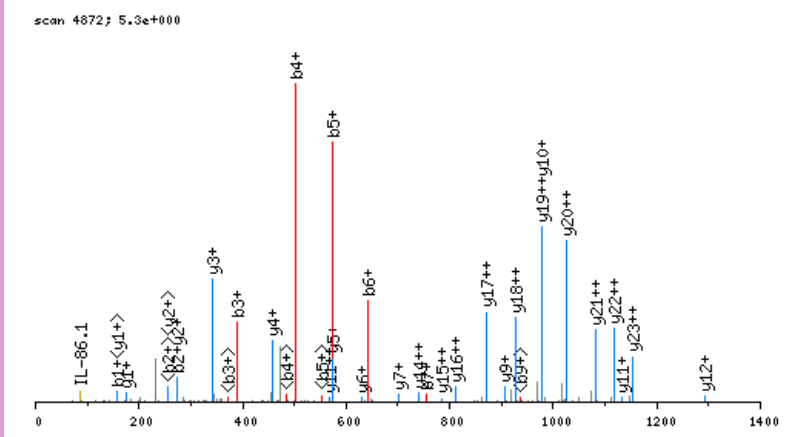


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

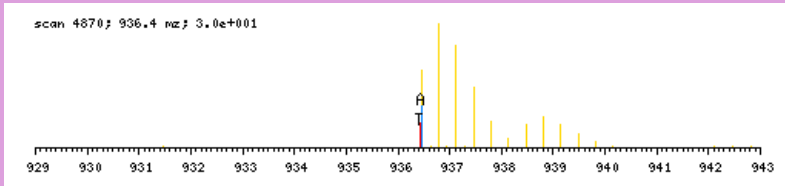
b ⁺	#	AA #	y ⁺	y ²⁺
158.0453	1	D 11		
229.0825	2	A 10	1124.5952	562.8015
300.1196	3	A 9	1053.5580	527.2829
401.1672	4	T 8	982.5209	491.7644
514.2513	5	L 7	881.4733	441.2405
615.2990	6	T 6	768.3892	384.6985
778.3623	7	Y 5	667.3415	334.1747
893.3893	8	D 4	504.2782	252.6430
994.4369	9	T 3	389.2512	195.1295
1107.5210	10	L 2	288.2036	144.6057
	11	R 1	175.1195	88.0637

N-term:+43.02

DDDI AALVVDN GSGMCKAGFAGDDAPR, MH+ 2807.2616, m/z 936.4254
 H OS G24 P150811 220811-s1.04872.04872.3.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

b ⁺	#	AA	#	y ⁺	y ²⁺
158.0453	1	D	27		
273.0723	2	D	26	2650.2241	1325.6160
388.0992	3	D	25	2535.1972	1268.1025
501.1833	4	I	24	2420.1702	1210.5890
572.2204	5	A	23	2307.0862	1154.0470
643.2575	6	A	22	2236.0491	1118.5284
756.3416	7	L	21	2165.0119	1083.0099
855.4100	8	V	20	2051.9279	1026.4678
954.4784	9	V	19	1952.8595	976.9336
1069.5054	10	D	18	1853.7910	927.3994
1183.5483	11	N	17	1738.7641	869.8860
1240.5697	12	G	16	1624.7212	812.8645
1327.6018	13	S	15	1567.6997	784.3538
1384.6232	14	G	14	1480.6677	740.8378
1515.6637	15	M	13	1423.6462	712.3270
1675.6943	16	C	12	1292.6057	646.8068
1831.8206	17	K	11	1132.5751	566.7915
1902.8577	18	A	10	976.4488	488.7283
1959.8792	19	G	9	905.4117	453.2098
2106.9476	20	F	8	848.3903	424.6990
2177.9847	21	A	7	701.3218	351.1648
2235.0062	22	G	6	630.2847	315.6463
2350.0331	23	D	5	573.2633	287.1355
2465.0601	24	D	4	458.2363	229.6221
2536.0972	25	A	3	343.2094	172.1086
2633.1500	26	P	2	272.1723	136.5900
	27	R	1	175.1195	88.0637

N-term: +43.02 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

DDEEETYSR, MH+ 1098.4227, m/z 549.7150
 H OS G29 P150811 220811-s1.02944.02944.2.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+

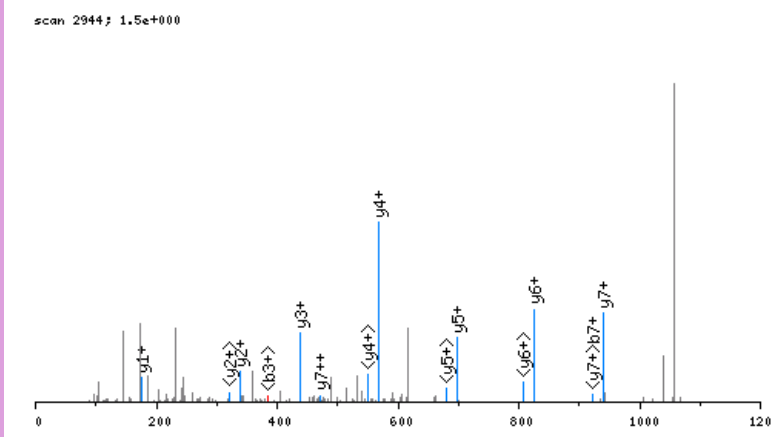
y + 2+ 3+

z + 2+ 3+

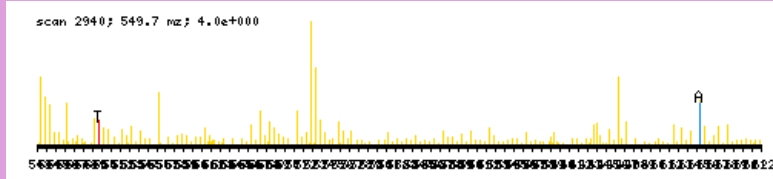
hide H₂O/NH₃

zoom 112-122

GO



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



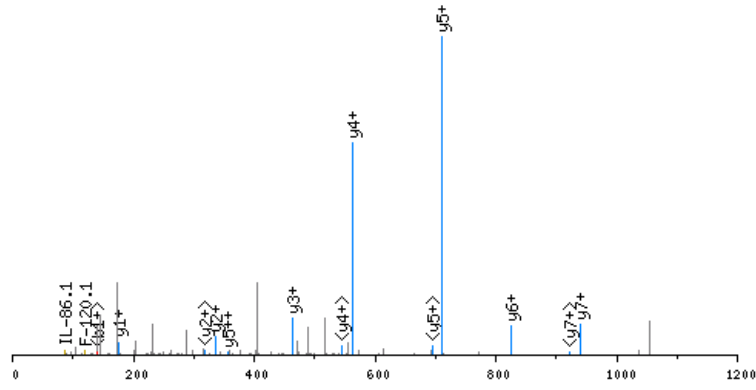
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0453	1	D 8		
273.0723	2	D 7	941.3852	471.1965
402.1149	3	E 6	826.3583	413.6831
531.1575	4	E 5	697.3157	349.1618
660.2001	5	E 4	568.2731	284.6405
761.2477	6	T 3	439.2305	220.1192
924.3111	7	Y 2	338.1828	169.5953
	8	R 1	175.1195	88.0637

N-term:+43.02

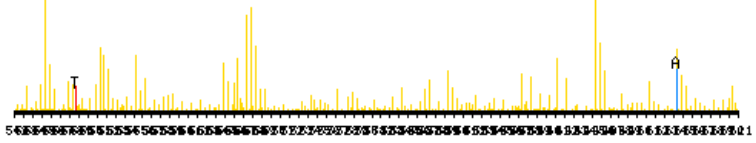
DDI FTQCR, MH+ 1096.4733, m/z 548.7403
 H OS G29 P150811 220811-s1.05553.05553.2.dta

scan 5553; 2.7e+000



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

scan 5550; 548.7 m/z; 1.1e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
158.0453	1	D 8		
273.0723	2	D 7	939.4358	470.2218
386.1564	3	I 6	824.4088	412.7083
533.2248	4	F 5	711.3248	356.1663
634.2724	5	T 4	564.2564	282.6321
762.3310	6	Q 3	463.2087	232.1083
922.3616	7	C 2	335.1501	168.0790
	8	R 1	175.1195	88.0637

N-term:+43.02 C(7):+160.03

DDREDLVYQAKLAEQAER, MH+ 2225.1263, m/z 742.3803
 H OS G26 P150811 220811-s1.05442.05442.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

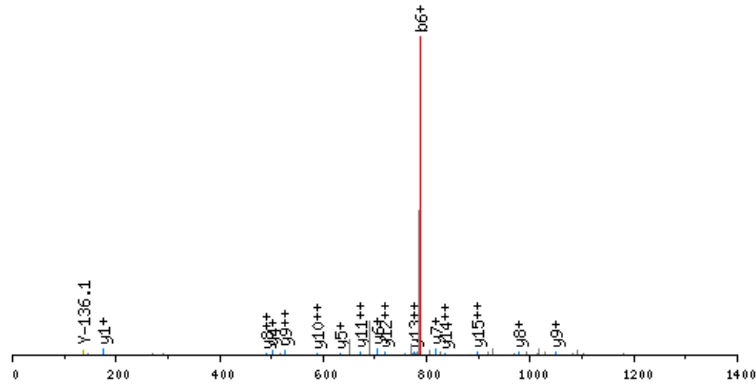
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

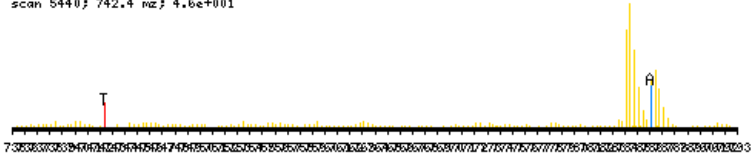
GO

scan 5442: 2.0e+001



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

scan 5440: 742.4 nz: 4.6e+001

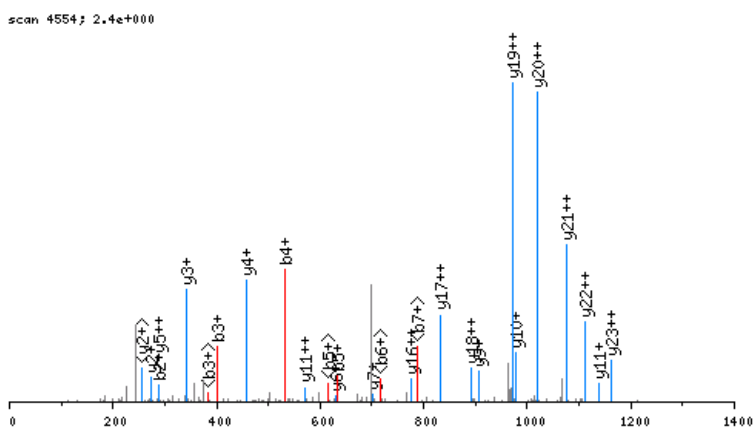


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

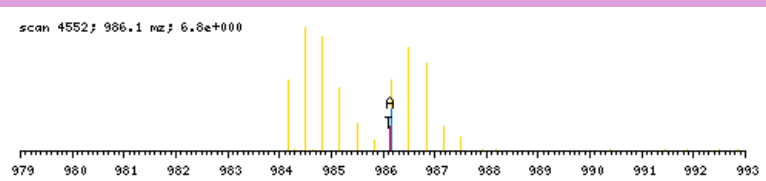
b ⁺	#	AA #	y ⁺	y ²⁺
158.0453	1	D 18		
273.0723	2	D 17	2068.0887	1034.5483
429.1734	3	R 16	1953.0618	977.0348
558.2160	4	E 15	1796.9607	898.9843
673.2429	5	D 14	1667.9181	834.4630
786.3270	6	L 13	1552.8912	776.9495
885.3954	7	V 12	1439.8071	720.4075
1048.4587	8	Y 11	1340.7387	670.8733
1176.5173	9	Q 10	1177.6753	589.3416
1247.5544	10	A 9	1049.6168	525.3123
1409.7125	11	K 8	978.5797	489.7937
1522.7966	12	L 7	816.4216	408.7147
1593.8337	13	A 6	703.3375	352.1727
1722.8763	14	E 5	632.3004	316.6541
1850.9349	15	Q 4	503.2578	252.1328
1921.9720	16	A 3	375.1992	188.1035
2051.0146	17	E 2	304.1621	152.5850
	18	R 1	175.1195	88.0637

N-term:+43.02 K(11):+162.16

DEDETTALVCDNNGSLVKAGFAGDDAPR, MH+ 2956.3694, m/z 986.1280
 H OS G24 P150811 220811-s1.04554.04554.3.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

b ⁺	#	AA #	y ⁺	y ²⁺
158.0453	1	D 28		
287.0879	2	E 27	2799.3319	1400.1699
402.1149	3	D 26	2670.2893	1335.6486
531.1575	4	E 25	2555.2624	1278.1351
632.2052	5	T 24	2426.2198	1213.6138
733.2528	6	T 23	2325.1721	1163.0900
804.2899	7	A 22	2224.1244	1112.5661
917.3740	8	L 21	2153.0873	1077.0476
1016.4424	9	V 20	2040.0033	1020.5055
1176.4730	10	C 19	1940.9348	970.9713
1291.5000	11	D 18	1780.9042	890.9560
1405.5429	12	N 17	1665.8773	833.4426
1462.5644	13	G 16	1551.8344	776.4211
1549.5964	14	S 15	1494.8129	747.9104
1606.6178	15	G 14	1407.7809	704.3944
1719.7019	16	L 13	1350.7594	675.8836
1818.7703	17	V 12	1237.6753	619.3416
1980.9284	18	K 11	1138.6069	569.8074
2051.9655	19	A 10	976.4488	488.7283
2108.9870	20	G 9	905.4117	453.2098
2256.0554	21	F 8	848.3903	424.6990
2327.0925	22	A 7	701.3218	351.1648
2384.1140	23	G 6	630.2847	315.6463
2499.1409	24	D 5	573.2633	287.1355
2614.1679	25	D 4	458.2363	229.6221
2685.2050	26	A 3	343.2094	172.1086
2782.2578	27	P 2	272.1723	136.5900
	28	R 1	175.1195	88.0637

N-term: +43.02 C(10) : +160.03
 K(18) : +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+

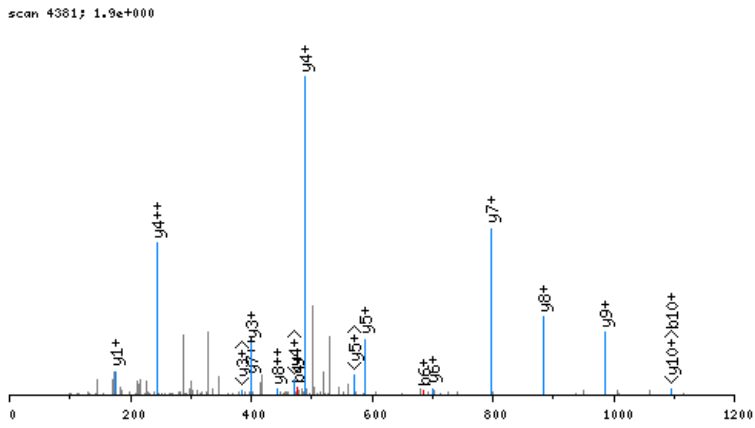
z + 2+ 3+

hide H₂O/NH₃

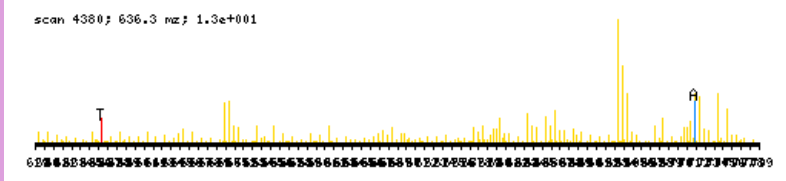
zoom 112-122

GO

DETSPLVSPER, MH+ 1271.6119, m/z 636.3096
 H OS G29 P150811 220811-s1.04381.04381.2.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⁺
158.0453	1	D 11		
287.0879	2	E 10	1114.5744	557.7911
388.1356	3	T 9	985.5318	493.2698
475.1676	4	S 8	884.4842	442.7460
572.2204	5	P 7	797.4521	399.2300
685.3045	6	L 6	700.3994	350.7036
784.3729	7	V 5	587.3153	294.1616
871.4049	8	S 4	488.2469	244.6274
968.4577	9	P 3	401.2149	201.1113
1097.5003	10	E 2	304.1621	152.5850
	11	R 1	175.1195	88.0637

N-term:+43.02

DFSKLPK, MH+ 932.5458, m/z 466.7765
 H OS G25 P150811 220811-s1.06454.06454.2.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+

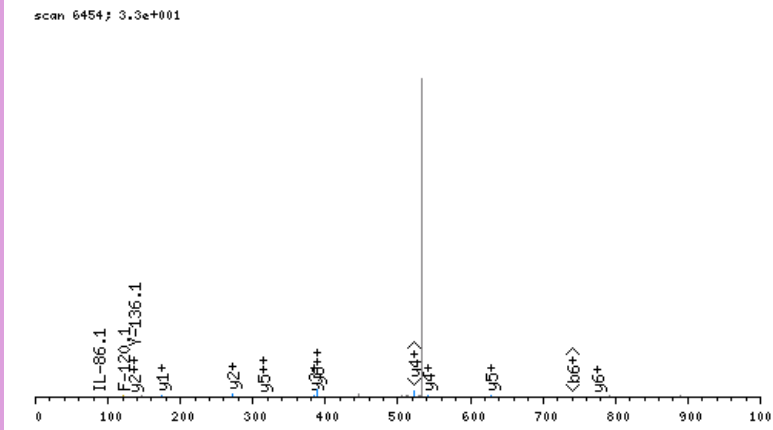
y + 2+ 3+

z + 2+ 3+

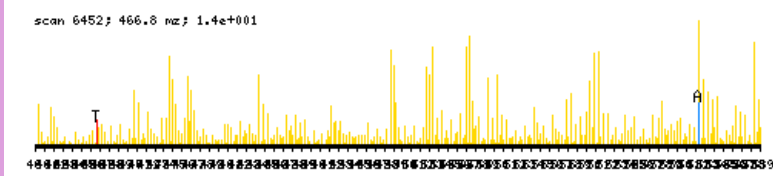
hide H₂O/NH₃

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⁺
158.0453	1	D	7	
305.1138	2	F	6	775.5083 388.2580
392.1458	3	S	5	628.4398 314.7238
548.2721	4	K	4	541.4078 271.2078
661.3561	5	L	3	385.2815 193.1447
758.4089	6	P	2	272.1975 136.6026
	7	K	1	175.1447 88.0763

N-term:+43.02 K(4):+156.13
 K(7):+156.13

DFSKLPKIR, MH+ 1213.7946, m/z 405.2697
 H OS G27 P150811 220811-s1.06615.06615.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

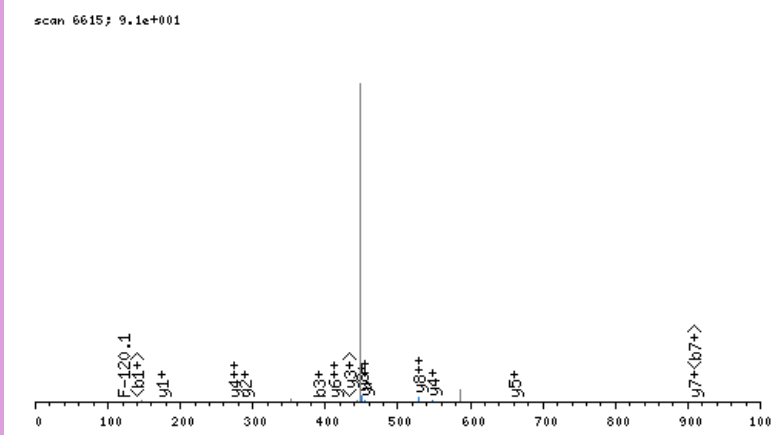
y + 2+ 3+

z + 2+ 3+

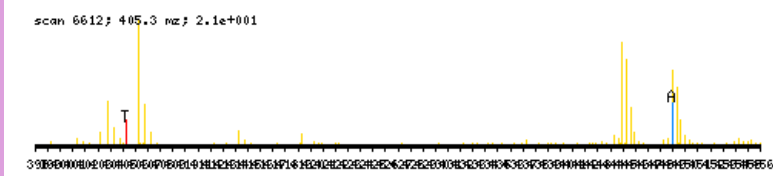
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
158.0453	1	D	9	
305.1138	2	F	8	1056.7570
392.1458	3	S	7	909.6886
554.3039	4	K	6	822.6566
667.3879	5	L	5	660.4985
764.4407	6	P	4	547.4144
926.5988	7	K	3	450.3617
1039.6829	8	I	2	288.2036
	9	R	1	175.1195

N-term:+43.02 K(4):+162.16
 K(7):+162.16

DGDKLVVECVMKGVTSR, MH+ 2092.0783, m/z 523.7750
 H OS G27 P150811 220811-s1.06684.06684.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

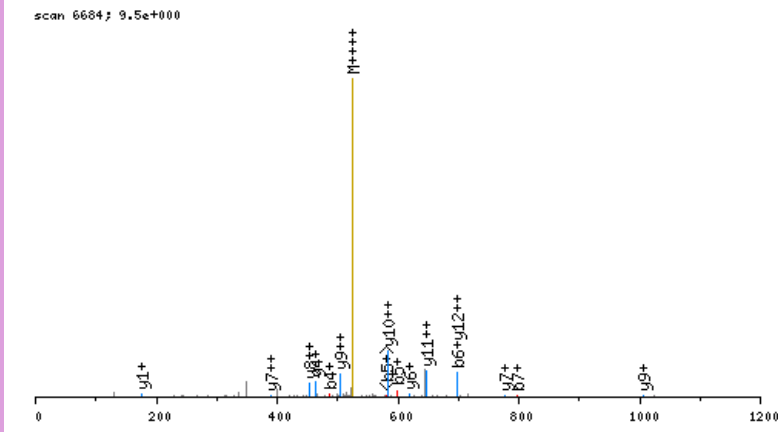
y + 2+ 3+

z + 2+ 3+

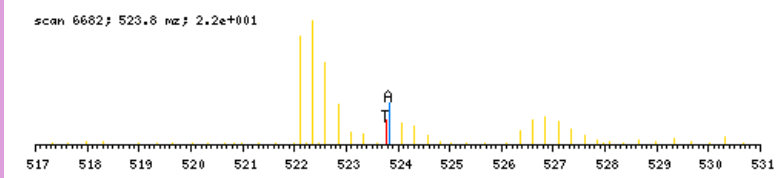
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
158.0453	1	D	18		
215.0668	2	G	17	1935.0408	968.0243
330.0937	3	D	16	1878.0193	939.5136
486.2200	4	K	15	1762.9923	882.0001
599.3041	5	L	14	1606.8660	803.9369
698.3725	6	V	13	1493.7820	747.3949
797.4409	7	V	12	1394.7136	697.8607
926.4835	8	E	11	1295.6452	648.3265
1086.5141	9	C	10	1166.6026	583.8052
1185.5825	10	V	9	1006.5720	503.7899
1316.6230	11	M	8	907.5035	454.2557
1472.7493	12	K	7	776.4631	388.7354
1529.7708	13	G	6	620.3368	310.6723
1628.8392	14	V	5	563.3153	282.1616
1729.8869	15	T	4	464.2469	232.6274
1816.9189	16	S	3	363.1992	182.1035
1917.9666	17	T	2	276.1672	138.5875
	18	R	1	175.1195	88.0637

N-term:+43.02 K(4):+156.13
 C(9):+160.03 K(12):+156.13

DGEDDSNLVIKKR, MH+ 1586.8391, m/z 529.6179
 H OS G27 P150811 220811-s1.04419.04419.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

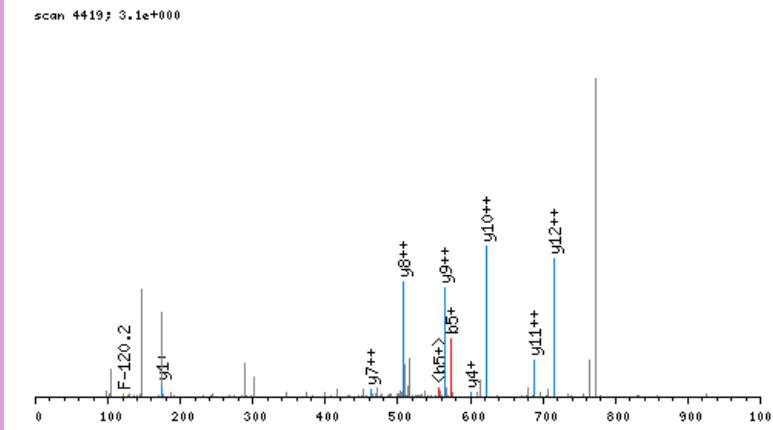
y + 2+ 3+

z + 2+ 3+

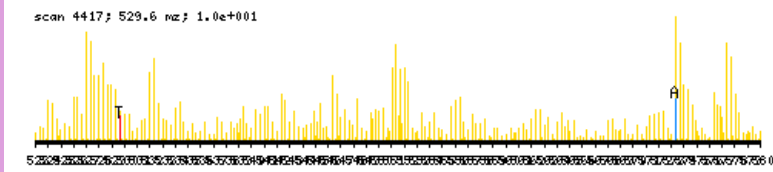
hide H₂O/NH₃

zoom 112-122

GO



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



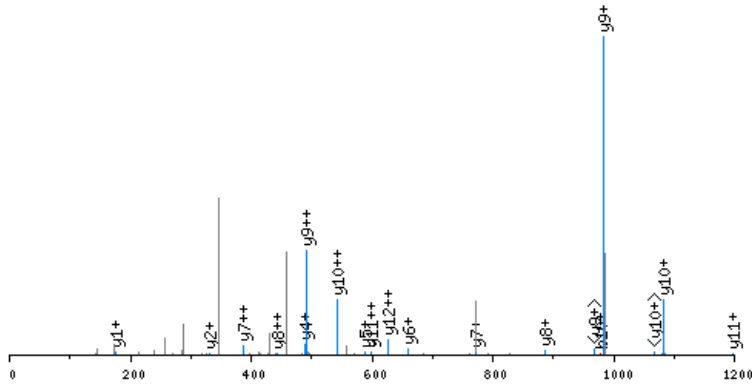
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0453	1	D	13	
215.0668	2	G	12	1429.8015
344.1094	3	E	11	1372.7801
459.1363	4	D	10	1243.7375
574.1633	5	D	9	1128.7105
661.1953	6	S	8	1013.6836
775.2382	7	N	7	926.6516
888.3223	8	L	6	812.6086
987.3907	9	V	5	699.5246
1100.4748	10	I	4	600.4562
1256.6011	11	K	3	487.3721
1412.7274	12	K	2	331.2458
	13	R	1	175.1195

N-term:+43.02 K(11):+156.13
 K(12):+156.13

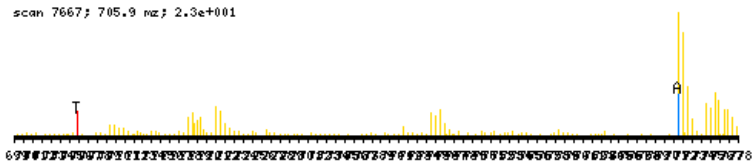
DGIVPDIAVGTKR, MH+ 1410.7957, m/z 705.9015
 H OS G25 P150811 220811-s1.07668.07668.2.dta

scan 7668; 7.4e+000



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

scan 7667; 705.9 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⁺
158.0453	1	D	13		
215.0668	2	G	12	1253.7582	627.3830
328.1509	3	I	11	1196.7367	598.8723
427.2193	4	V	10	1083.6527	542.3302
524.2720	5	P	9	984.5842	492.7960
639.2990	6	D	8	887.5315	444.2697
752.3831	7	I	7	772.5045	386.7562
823.4202	8	A	6	659.4205	330.2141
922.4886	9	V	5	588.3834	294.6956
979.5100	10	G	4	489.3149	245.1614
1080.5577	11	T	3	432.2935	216.6507
1236.6840	12	K	2	331.2458	166.1268
	13	R	1	175.1195	88.0637

N-term:+43.02 K(12):+156.13

DGLVAQCSAR, MH+ 1118.5264, m/z 559.7668
 H OS G29 P150811 220811-s1.04196.04196.2.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+

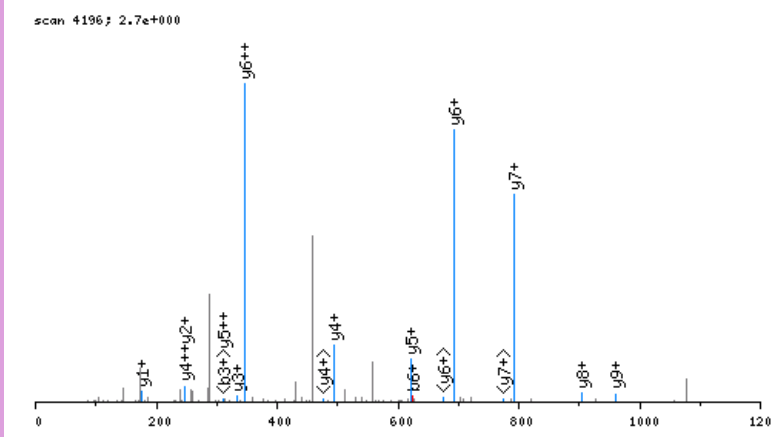
y + 2+ 3+

z + 2+ 3+

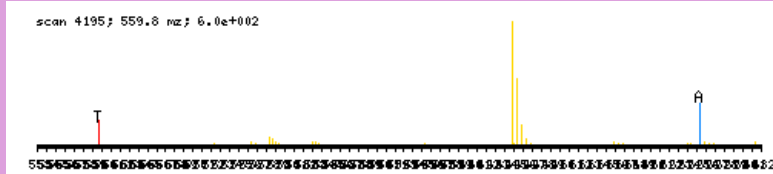
hide H₂O/NH₃

zoom 112-122

GO



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



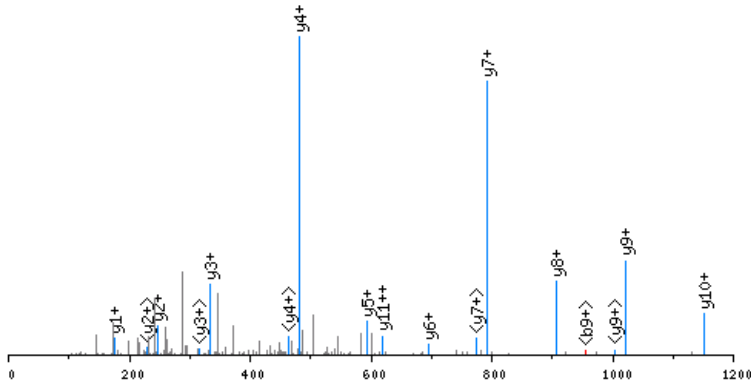
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
158.0453	1	D	10		
215.0668	2	G	9	961.4889	481.2484
328.1509	3	L	8	904.4674	452.7376
427.2193	4	V	7	791.3833	396.1956
498.2564	5	A	6	692.3149	346.6614
626.3150	6	Q	5	621.2778	311.1428
786.3456	7	C	4	493.2192	247.1135
873.3776	8	S	3	333.1886	167.0982
944.4147	9	A	2	246.1566	123.5822
	10	R	1	175.1195	88.0637

N-term:+43.02 C(7):+160.03

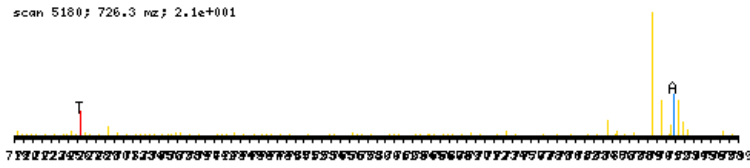
DGSEDDPTIFSAR, MH+ 1451.6291, m/z 726.3182
 H OS G29 P150811 220811-s1.05181.05181.2.dta

scan 5181; 2.2e+000



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

scan 5180; 726.3 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⁺
158.0453	1	D 13		
215.0668	2	G 12	1294.5915	647.7997
302.0988	3	S 11	1237.5701	619.2889
431.1414	4	E 10	1150.5380	575.7729
546.1684	5	D 9	1021.4954	511.2516
661.1953	6	D 8	906.4685	453.7382
758.2481	7	P 7	791.4416	396.2247
859.2958	8	T 6	694.3888	347.6983
972.3798	9	I 5	593.3411	297.1745
1119.4482	10	F 4	480.2571	240.6324
1206.4803	11	S 3	333.1886	167.0982
1277.5174	12	A 2	246.1566	123.5822
	13	R 1	175.1195	88.0637

N-term:+43.02

DHGKFLDCVVR, MH+ 1421.7423, m/z 474.5856
 H OS G27 P150811 220811-s1.05418.05418.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

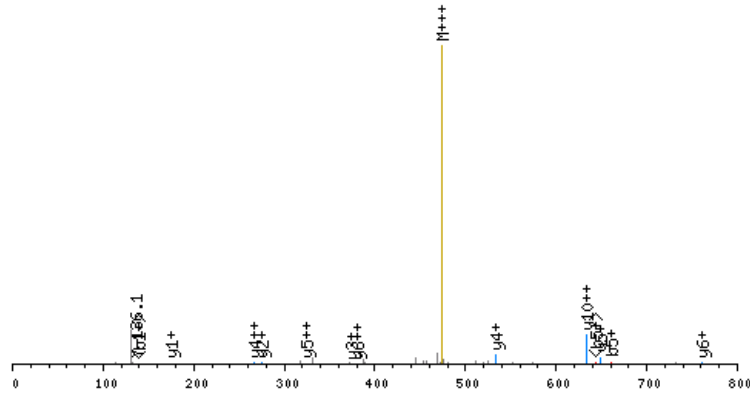
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

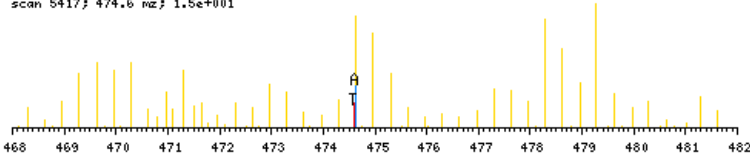
GO

scan 5418; 1.9e+001



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

scan 5417; 474.6 mz; 1.5e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
158.0453	1	D 11		
295.1043	2	H 10	1264.7048	632.8563
352.1257	3	G 9	1127.6459	564.3269
514.2838	4	K 8	1070.6244	535.8161
661.3522	5	F 7	908.4663	454.7371
774.4363	6	L 6	761.3979	381.2029
889.4632	7	D 5	648.3139	324.6608
1049.4938	8	C 4	533.2869	267.1474
1148.5623	9	V 3	373.2563	187.1321
1247.6307	10	V 2	274.1879	137.5979
	11	R 1	175.1195	88.0637

N-term:+43.02 K(4):+162.16
 C(8):+160.03

DIAIHHPWIR, MH+ 1299.6962, m/z 433.9036
 H OS G27 P150811 220811-s1.06713.06713.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

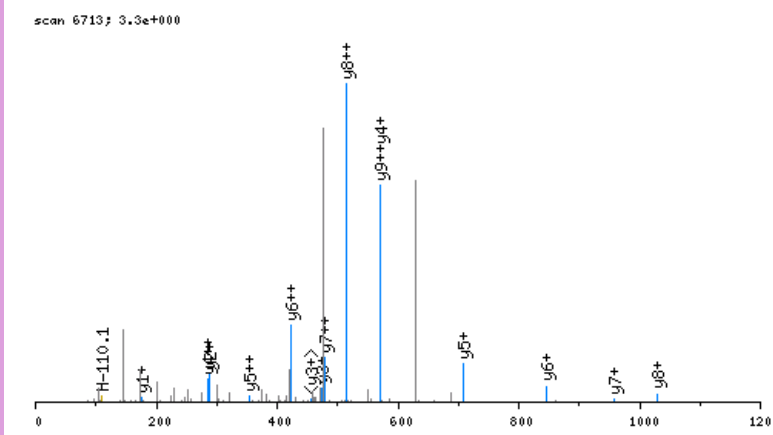
y + 2+ 3+

z + 2+ 3+

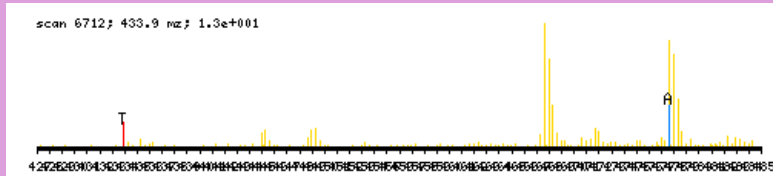
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
158.0453	1	D 10		
271.1294	2	I 9	1142.6587	571.8333
342.1665	3	A 8	1029.5746	515.2912
455.2506	4	I 7	958.5375	479.7727
592.3095	5	H 6	845.4535	423.2306
729.3684	6	H 5	708.3946	354.7012
826.4212	7	P 4	571.3356	286.1717
1012.5005	8	W 3	474.2829	237.6454
1125.5845	9	I 2	288.2036	144.6057
	10	R 1	175.1195	88.0637

N-term:+43.02

DIDLPEFDAR, MH+ 1333.6276, m/z 667.3174
 H OS G24 P150811 220811-s1.04441.04441.2.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+

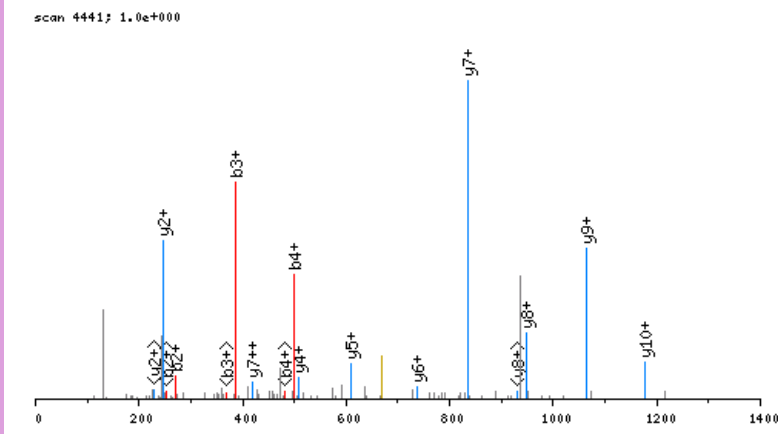
y + 2+ 3+

z + 2+ 3+

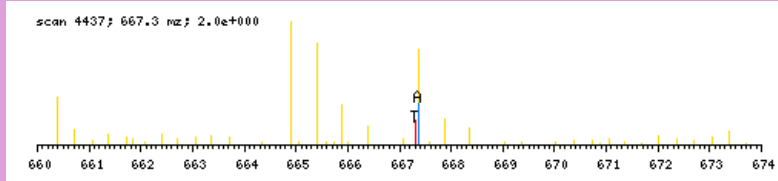
hide H₂O/NH₃

zoom 112-122

GO



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



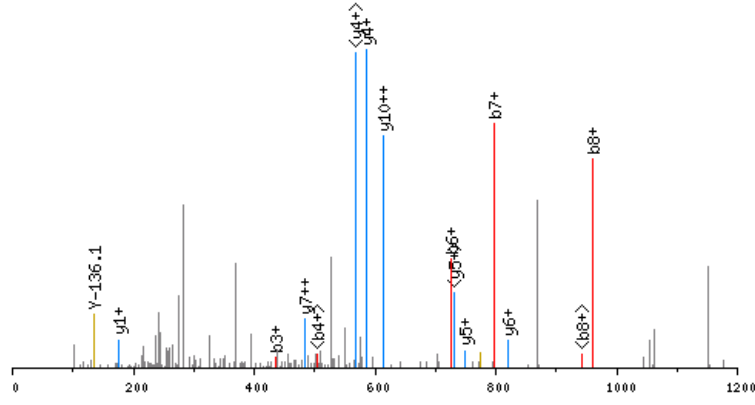
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0453	1	D 11		
271.1294	2	I 10	1176.5901	588.7990
386.1564	3	D 9	1063.5060	532.2569
499.2404	4	L 8	948.4791	474.7434
596.2932	5	P 7	835.3950	418.2014
725.3358	6	E 6	738.3422	369.6750
826.3834	7	T 5	609.2997	305.1537
973.4519	8	F 4	508.2520	254.6299
1088.4788	9	D 3	361.1836	181.0957
1159.5159	10	A 2	246.1566	123.5822
	11	R 1	175.1195	88.0637

N-term:+43.02

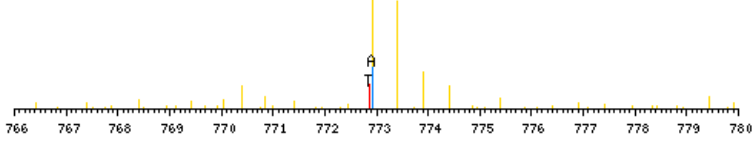
DKDSGFAYSWHR, MH+ 1544.7347, m/z 772.8710
 H OS G29 P150811 220811-s1.04171.04171.2.dta

scan 4171; 1.1e+000



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

scan 4170; 772.9 m/z; 7.4e+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⁺
158.0453	1	D 12		
320.2034	2	K 11	1387.6971	694.3525
435.2304	3	D 10	1225.5390	613.2734
522.2624	4	S 9	1110.5121	555.7600
579.2839	5	G 8	1023.4801	512.2439
726.3523	6	F 7	966.4586	483.7332
797.3894	7	A 6	819.3902	410.1990
960.4527	8	Y 5	748.3531	374.6805
1047.4848	9	S 4	585.2898	293.1488
1233.5641	10	W 3	498.2577	249.6328
1370.6230	11	H 2	312.1784	156.5931
	12	R 1	175.1195	88.0637

N-term:+43.02 K(2):+162.16

DKNELVQKAK, MH+ 1316.8639, m/z 439.6261
 H OS G26 P150811 220811-s1.02801.02801.3.dta

scan 2801; 8.0e+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+

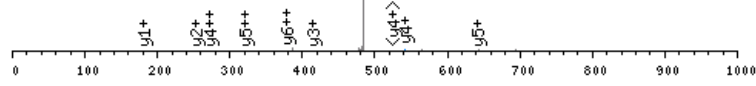
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

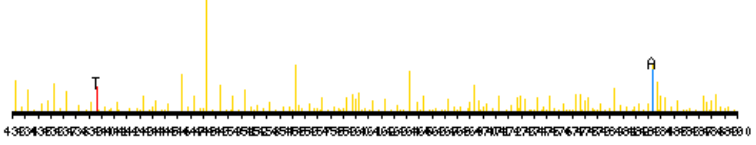
zoom 112-122

GO



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

scan 2800; 439.6 mz; 1.5e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
158.0453	1	D 10		
320.2034	2	K 9	1159.8264	580.4171
434.2464	3	N 8	997.6683	499.3381
563.2890	4	E 7	883.6254	442.3166
676.3730	5	L 6	754.5828	377.7953
775.4414	6	V 5	641.4987	321.2533
903.5000	7	Q 4	542.4303	271.7191
1065.6581	8	K 3	414.3717	207.6898
1136.6952	9	A 2	252.2136	126.6107
	10	K 1	181.1765	91.0922

N-term:+43.02 K(2):+162.16
 K(8):+162.16 K(10):+162.16

DKNELVQKAKLAEQAER, MH+ 2114.2671, m/z 705.4272
 H OS G28 P150811 220811-s1.06269.06269.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

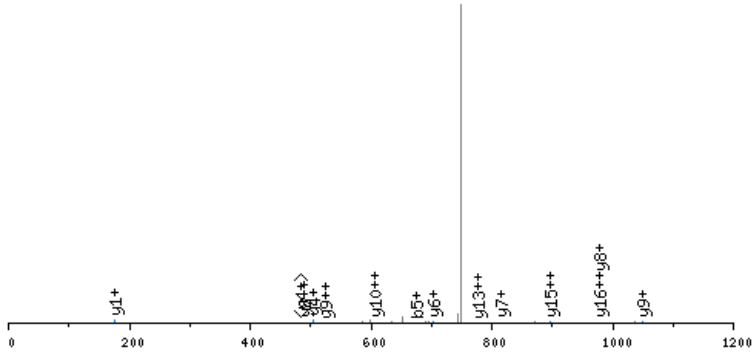
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

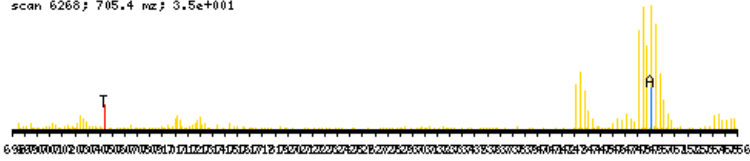
GO

scan 6269; 5.4e+001



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

scan 6268; 705.4 mz; 3.5e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
158.0453	1	D 17		
320.2034	2	K 16	1957.2295	979.1187
434.2464	3	N 15	1795.0714	898.0396
563.2890	4	E 14	1681.0285	841.0182
676.3730	5	L 13	1551.9859	776.4969
775.4414	6	V 12	1438.9019	719.9548
903.5000	7	Q 11	1339.8334	670.4206
1065.6581	8	K 10	1211.7749	606.3913
1136.6952	9	A 9	1049.6168	525.3123
1298.8533	10	K 8	978.5797	489.7937
1411.9374	11	L 7	816.4216	408.7147
1482.9745	12	A 6	703.3375	352.1727
1612.0171	13	E 5	632.3004	316.6541
1740.0757	14	Q 4	503.2578	252.1328
1811.1128	15	A 3	375.1992	188.1035
1940.1554	16	E 2	304.1621	152.5850
	17	R 1	175.1195	88.0637

N-term:+43.02 K(2):+162.16
 K(8):+162.16 K(10):+162.16

DLAAAAEPGAGSQHPEVR, MH+ 1817.8782, m/z 606.6309
 H OS G24 P150811 220811-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+

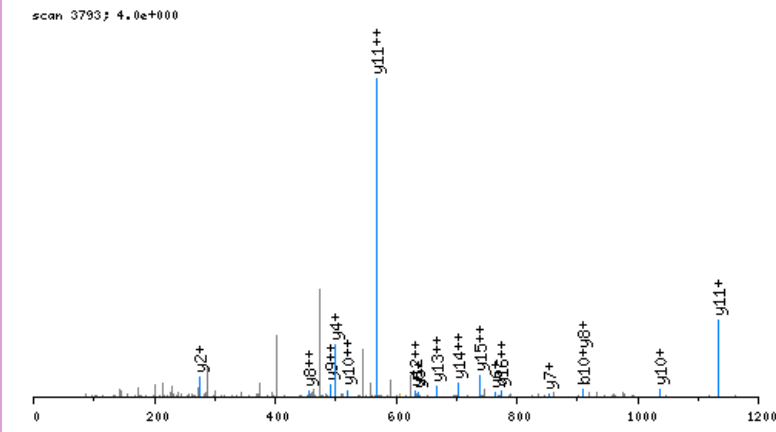
y + 2+ 3+

z + 2+ 3+

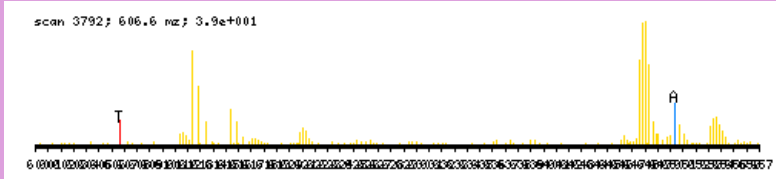
hide H₂O/NH₃

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⁺
158.0453	1	D 18		
271.1294	2	L 17	1660.8407	830.9243
342.1665	3	A 16	1547.7566	774.3822
413.2036	4	A 15	1476.7195	738.8637
484.2407	5	A 14	1405.6824	703.3451
555.2779	6	A 13	1334.6453	667.8266
684.3205	7	E 12	1263.6082	632.3080
781.3732	8	P 11	1134.5656	567.7867
838.3947	9	G 10	1037.5128	519.2603
909.4318	10	A 9	980.4914	490.7496
966.4533	11	G 8	909.4543	455.2310
1053.4853	12	S 7	852.4328	426.7203
1181.5439	13	Q 6	765.4008	383.2043
1318.6028	14	H 5	637.3422	319.1750
1415.6555	15	P 4	500.2833	250.6455
1544.6981	16	E 3	403.2305	202.1192
1643.7665	17	V 2	274.1879	137.5979
	18	R 1	175.1195	88.0637

N-term:+43.02

DLEAVCKR, MH+ 1060.5461, m/z 530.7767
 H OS G25 P150811 220811-s1.05296.05296.2.dta

scan 5296; 2.7e+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+

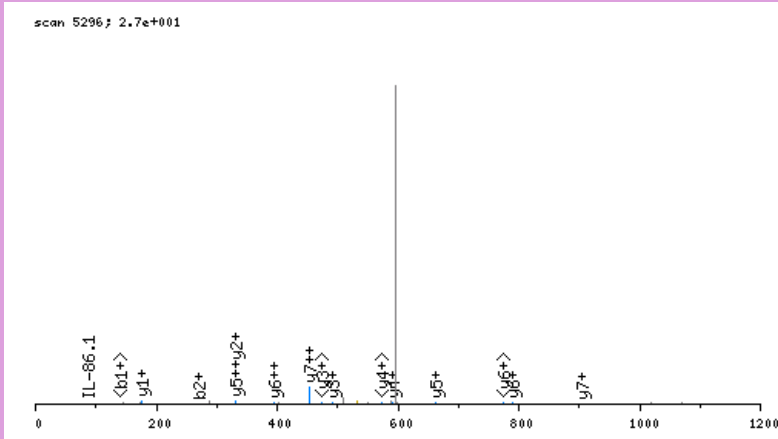
y + 2+ 3+

z + 2+ 3+

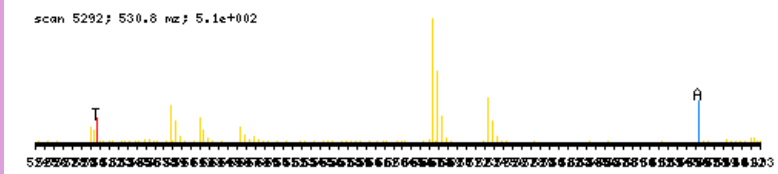
hide H₂O/NH₃

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⁺
158.0453	1	D	8	
271.1294	2	L	7	903.5086 452.2582
400.1720	3	E	6	790.4245 395.7162
471.2091	4	A	5	661.3819 331.1949
570.2775	5	V	4	590.3448 295.6763
730.3081	6	C	3	491.2764 246.1421
886.4344	7	K	2	331.2458 166.1268
	8	R	1	175.1195 88.0637

N-term:+43.02 C(6):+160.03
 K(7):+156.13

DLGLAGR, MH+ 743.4052, m/z 372.2062
 H OS G29 P150811 220811-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+

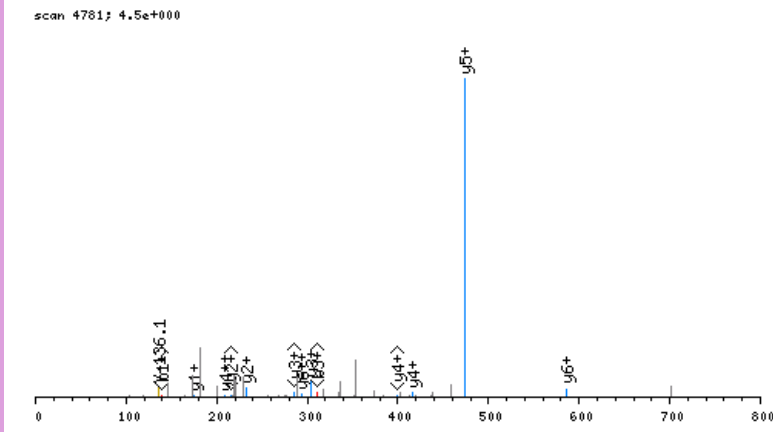
y + 2+ 3+

z + 2+ 3+

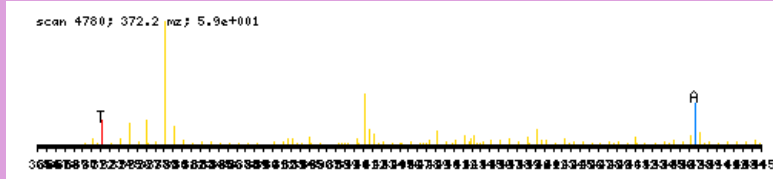
hide H₂O/NH₃

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⁺
158.0453	1	D	7	
271.1294	2	L	6	586.3677 293.6877
328.1509	3	G	5	473.2836 237.1457
441.2349	4	L	4	416.2621 208.6350
512.2720	5	A	3	303.1781 152.0930
569.2935	6	G	2	232.1410 116.5744
	7	R	1	175.1195 88.0637

N-term:+43.02

DLLFGR, MH+ 762.4150, m/z 381.7112
 H OS G29 P150811 220811-s1.06527.06527.2.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+

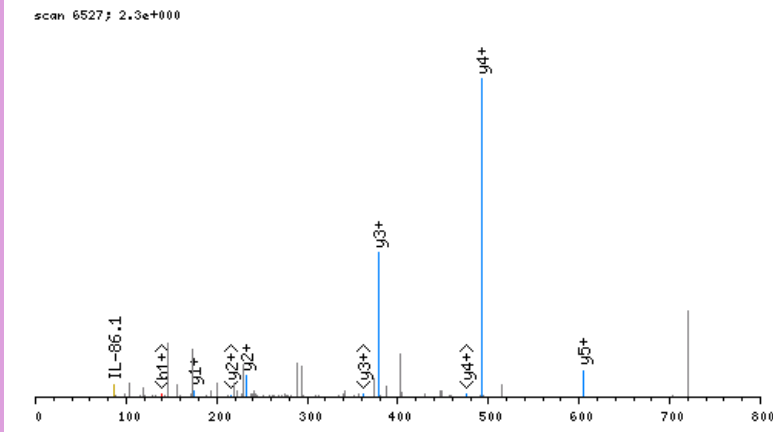
y + 2+ 3+

z + 2+ 3+

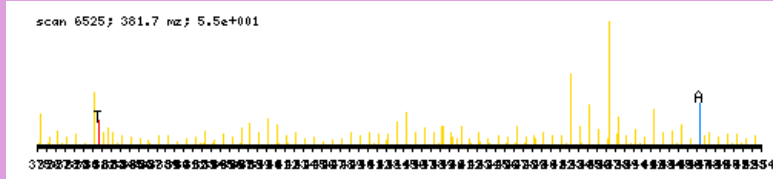
hide H₂O/NH₃

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⁺
158.0453	1	D 6		
271.1294	2	L 5	605.3775	303.1927
384.2135	3	L 4	492.2934	246.6506
531.2819	4	F 3	379.2094	190.1086
588.3033	5	G 2	232.1410	116.5744
	6	R 1	175.1195	88.0637

N-term:+43.02

DLSELER, MH+ 903.4424, m/z 452.2248
 H OS G29 P150811 220811-s1.05431.05431.2.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+

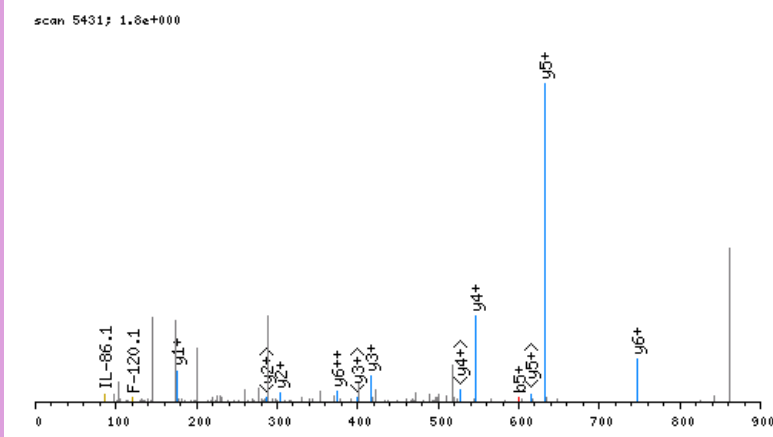
y + 2+ 3+

z + 2+ 3+

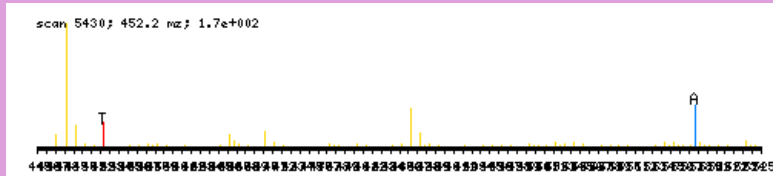
hide H₂O/NH₃

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⁺
158.0453	1	D 7		
271.1294	2	L 6	746.4048	373.7063
358.1614	3	S 5	633.3208	317.1643
487.2040	4	E 4	546.2888	273.6483
600.2881	5	L 3	417.2462	209.1270
729.3307	6	E 2	304.1621	152.5850
	7	R 1	175.1195	88.0637

N-term:+43.02

DLSSDLSTASKIVK, MH+ 1648.9010, m/z 550.3052
 H OS G26 P150811 220811-s1.04717.04717.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

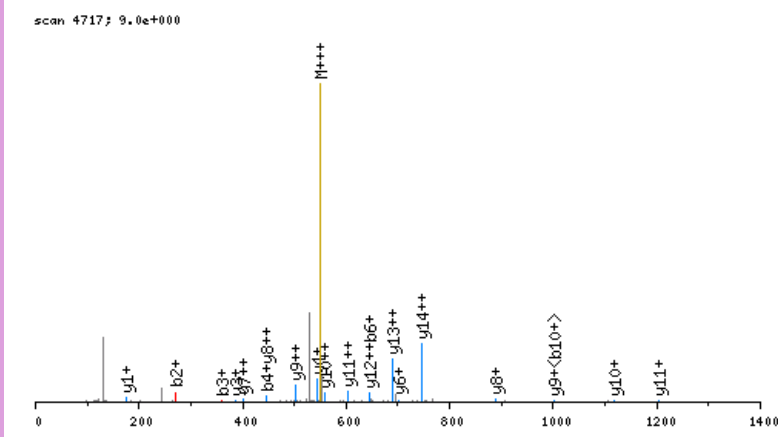
y + 2+ 3+

z + 2+ 3+

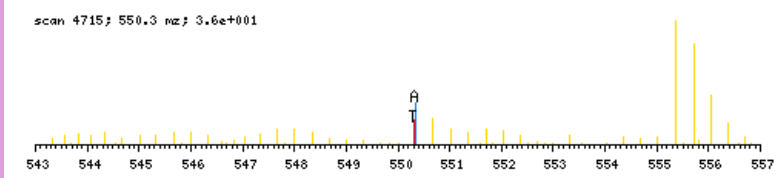
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
158.0453	1	D	15		
271.1294	2	L	14	1491.8635	746.4356
358.1614	3	S	13	1378.7794	689.8936
445.1935	4	S	12	1291.7474	646.3776
532.2255	5	S	11	1204.7154	602.8616
647.2524	6	D	10	1117.6833	559.3456
760.3365	7	L	9	1002.6564	501.8321
847.3685	8	S	8	889.5723	445.2901
948.4162	9	T	7	802.5403	401.7741
1019.4533	10	A	6	701.4926	351.2502
1106.4853	11	S	5	630.4555	315.7317
1262.6116	12	K	4	543.4235	272.2156
1375.6957	13	I	3	387.2972	194.1525
1474.7641	14	V	2	274.2131	137.6105
	15	K	1	175.1447	88.0763

N-term:+43.02 K(12):+156.13
 K(15):+156.13

DMGNQHPSISR, MH+ 1283.5803, m/z 642.2938
 H OS G25 P150811 220811-s1.04146.04146.2.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+

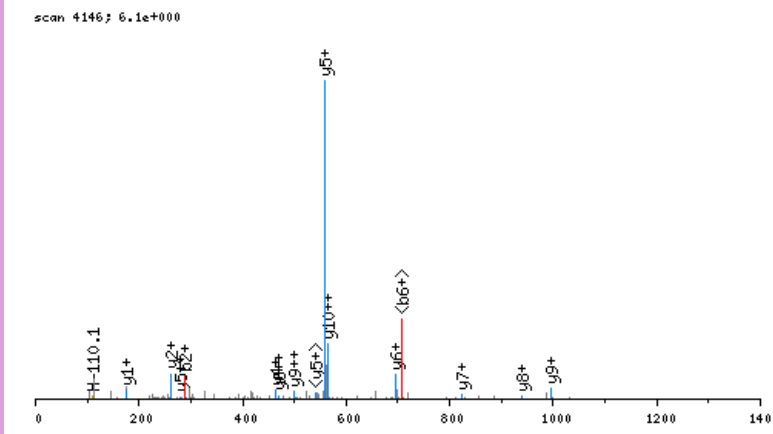
y + 2+ 3+

z + 2+ 3+

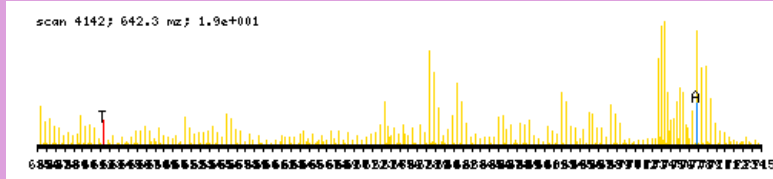
hide H₂O/NH₃

zoom 112-122

GO



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

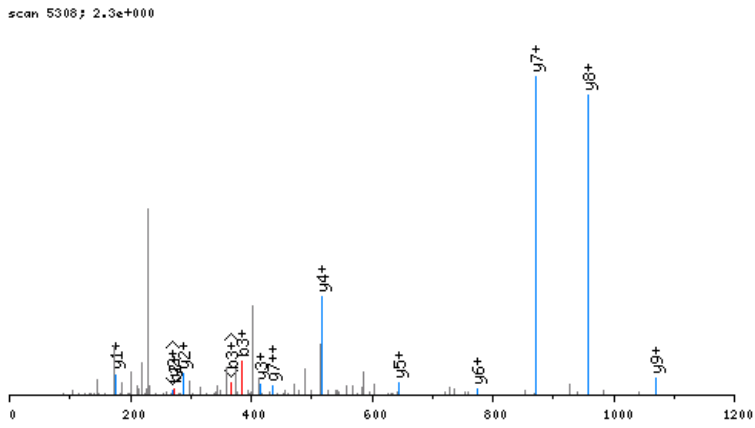


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

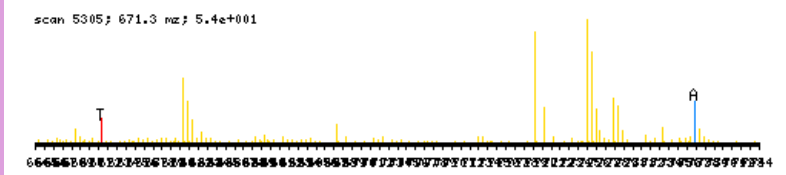
b ⁺	#	AA #	y ⁺	y ²⁺
158.0453	1	D 11		
289.0858	2	M 10	1126.5428	563.7753
346.1073	3	G 9	995.5023	498.2550
460.1502	4	N 8	938.4808	469.7443
588.2088	5	Q 7	824.4379	412.7228
725.2677	6	H 6	696.3793	348.6936
822.3205	7	P 5	559.3204	280.1641
909.3525	8	S 4	462.2676	231.6377
1022.4366	9	I 3	375.2356	188.1217
1109.4686	10	S 2	262.1515	131.5797
	11	R 1	175.1195	88.0637

N-term:+43.02

DNLSPPEEVQLR, MH+ 1341.6650, m/z 671.3362
 H OS G29 P150811 220811-s1.05308.05308.2.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

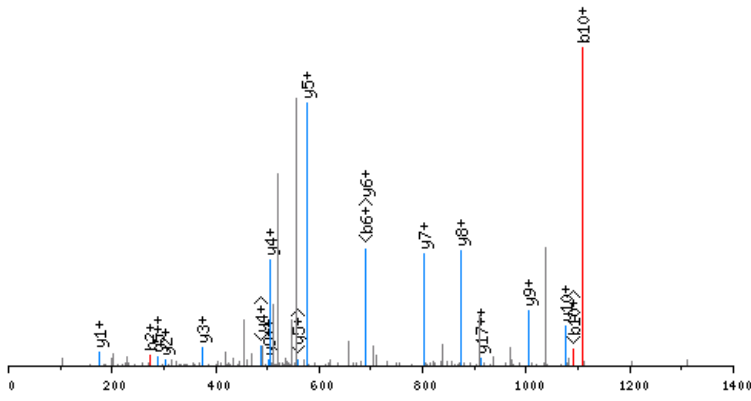
GO

b ⁺	#	AA #	y ⁺	y ²⁺
158.0453	1	D 11		
272.0883	2	N 10	1184.6275	592.8177
385.1723	3	L 9	1070.5846	535.7962
472.2044	4	S 8	957.5005	479.2542
569.2571	5	P 7	870.4685	435.7382
698.2997	6	E 6	773.4157	387.2118
827.3423	7	E 5	644.3731	322.6905
926.4107	8	V 4	515.3306	258.1692
1054.4693	9	Q 3	416.2621	208.6350
1167.5534	10	L 2	288.2036	144.6057
	11	R 1	175.1195	88.0637

N-term:+43.02

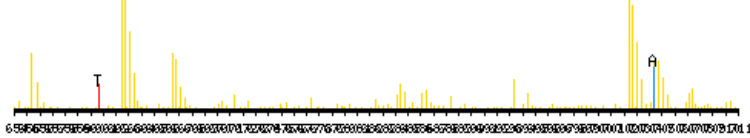
DNSGKQAEAMALLAEAER, MH+ 1979.9921, m/z 660.6689
 H OS G24 P150811 220811-s1.04781.04781.3.dta

scan 4781; 2.1e+000



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

scan 4780; 660.7 m/z; 5.6e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
158.0453	1	D 18		
272.0883	2	N 17	1822.9546	911.9812
359.1203	3	S 16	1708.9116	854.9597
416.1418	4	G 15	1621.8796	811.4437
578.2999	5	K 14	1564.8581	782.9330
706.3584	6	Q 13	1402.7000	701.8539
777.3956	7	A 12	1274.6415	637.8246
906.4381	8	E 11	1203.6043	602.3061
977.4753	9	A 10	1074.5618	537.7848
1108.5157	10	M 9	1003.5246	502.2662
1179.5529	11	A 8	872.4842	436.7460
1292.6369	12	L 7	801.4470	401.2274
1405.7210	13	L 6	688.3630	344.6854
1476.7581	14	A 5	575.2789	288.1434
1605.8007	15	E 4	504.2418	252.6248
1676.8378	16	A 3	375.1992	188.1035
1805.8804	17	E 2	304.1621	152.5850
	18	R 1	175.1195	88.0637

N-term:+43.02 K(5):+162.16

DPNTIIEALR, MH+ 1183.6323, m/z 592.3198
 H OS G29 P150811 220811-s1.06507.06507.2.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+

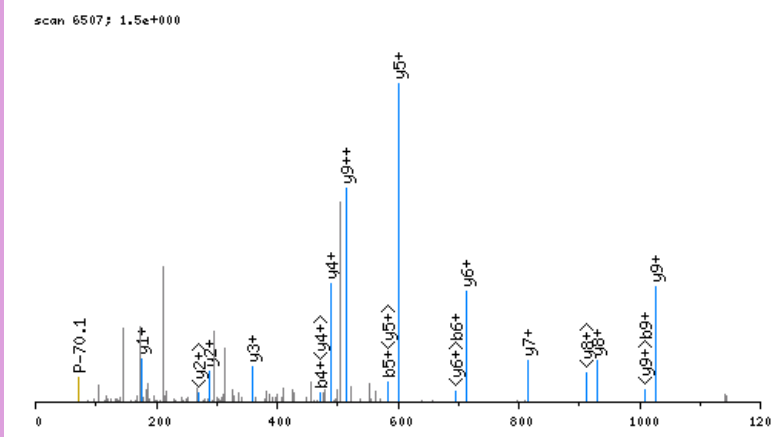
y + 2+ 3+

z + 2+ 3+

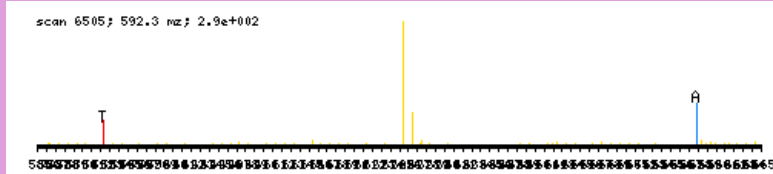
hide H₂O/NH₃

zoom 112-122

GO



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



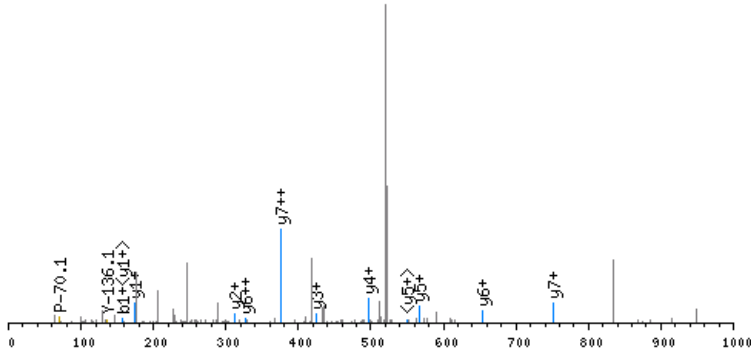
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0453	1	D 10		
255.0981	2	P 9	1026.5948	513.8013
369.1410	3	N 8	929.5420	465.2749
470.1887	4	T 7	815.4991	408.2535
583.2728	5	I 6	714.4514	357.7296
696.3568	6	I 5	601.3673	301.1876
825.3994	7	E 4	488.2833	244.6455
896.4365	8	A 3	359.2407	180.1243
1009.5206	9	L 2	288.2036	144.6057
	10	R 1	175.1195	88.0637

N-term:+43.02

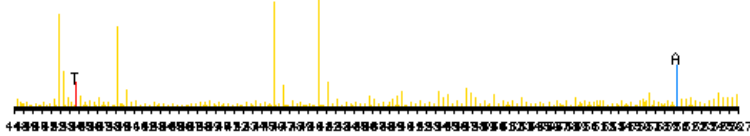
DPSAALHR, MH+ 908.4590, m/z 454.7331
 H OS G25 P150811 220811-s1.04500.04500.2.dta

scan 4500; 2.2e+000



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

scan 4497; 454.7 m/z; 1.1e+002



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
158.0453	1	D 8		
255.0981	2	P 7	751.4215	376.2147
342.1301	3	S 6	654.3687	327.6883
413.1672	4	A 5	567.3367	284.1723
484.2044	5	A 4	496.2996	248.6537
597.2884	6	L 3	425.2625	213.1352
734.3473	7	H 2	312.1784	156.5931
	8	R 1	175.1195	88.0637

N-term:+43.02

DPSGVKLVLETAEDIQER, MH+ 1962.0244, m/z 654.6797
 H OS G24 P150811 220811-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+

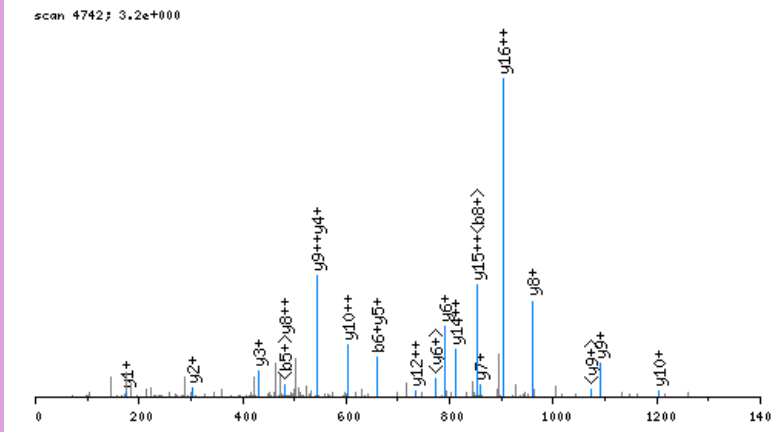
y + 2+ 3+

z + 2+ 3+

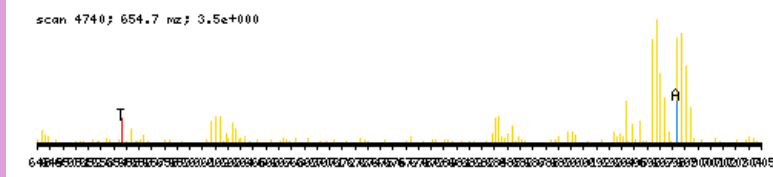
hide H₂O/NH₃

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⁺
158.0453	1	D 17		
255.0981	2	P 16	1804.9869	902.9974
342.1301	3	S 15	1707.9341	854.4710
399.1516	4	G 14	1620.9021	810.9550
498.2200	5	V 13	1563.8806	782.4442
660.3781	6	K 12	1464.8122	732.9100
759.4465	7	V 11	1302.6541	651.8310
872.5306	8	L 10	1203.5857	602.2968
1001.5732	9	E 9	1090.5017	545.7547
1102.6209	10	T 8	961.4591	481.2334
1173.6580	11	A 7	860.4114	430.7096
1302.7006	12	E 6	789.3743	395.1910
1417.7275	13	D 5	660.3317	330.6698
1530.8116	14	I 4	545.3047	273.1563
1658.8702	15	Q 3	432.2207	216.6142
1787.9127	16	E 2	304.1621	152.5850
	17	R 1	175.1195	88.0637

N-term:+43.02 K(6):+162.16

DQVMQFVEPSR, MH+ 1377.6473, m/z 689.3273
H OS G29 P150811 220811-s1.06406.06406.2.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+

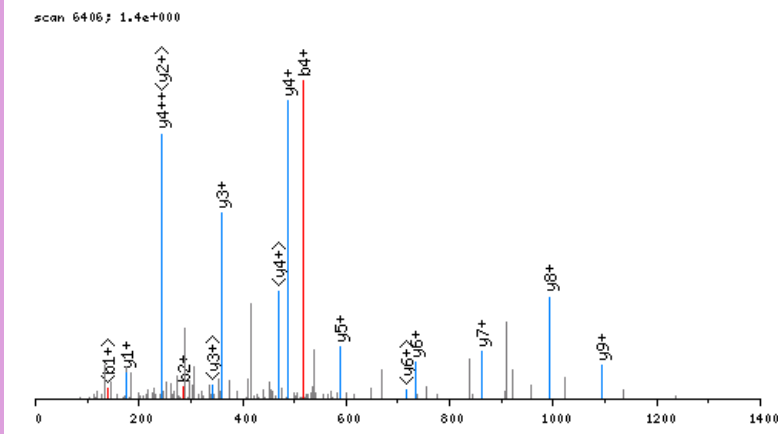
y + 2+ 3+

z + 2+ 3+

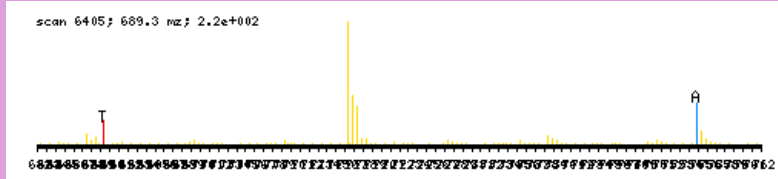
hide H₂O/NH₃

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⁺
158.0453	1	D 11		
286.1039	2	Q 10	1220.6098	610.8088
385.1723	3	V 9	1092.5512	546.7795
516.2128	4	M 8	993.4828	497.2453
644.2714	5	Q 7	862.4423	431.7251
791.3398	6	F 6	734.3837	367.6958
890.4082	7	V 5	587.3153	294.1616
1019.4508	8	E 4	488.2469	244.6274
1116.5036	9	P 3	359.2043	180.1061
1203.5356	10	S 2	262.1515	131.5797
	11	R 1	175.1195	88.0637

N-term:+43.02

DSEAFQHAR, MH+ 1102.4918, m/z 551.7495
 H OS G25 P150811 220811-s1.04091.04091.2.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+

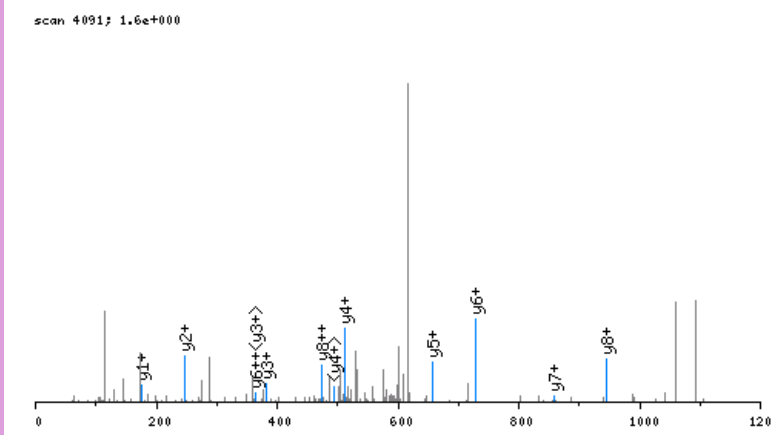
y + 2+ 3+

z + 2+ 3+

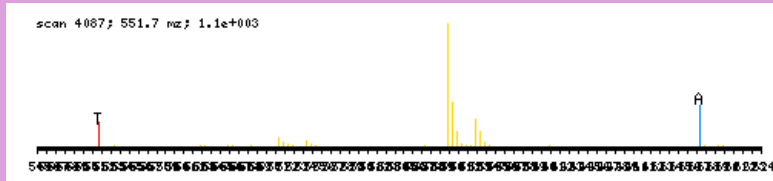
hide H₂O/NH₃

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⁺
158.0453	1	D	9	
245.0774	2	S	8	945.4543 473.2310
374.1200	3	E	7	858.4222 429.7150
445.1571	4	A	6	729.3796 365.1937
592.2255	5	F	5	658.3425 329.6752
720.2841	6	Q	4	511.2741 256.1410
857.3430	7	H	3	383.2155 192.1117
928.3801	8	A	2	246.1566 123.5822
	9	R	1	175.1195 88.0637

N-term:+43.02

DSFEDKLLQQLR, MH+ 1454.7704, m/z 485.5950
 H OS G25 P150811 220811-s1.07968.07968.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

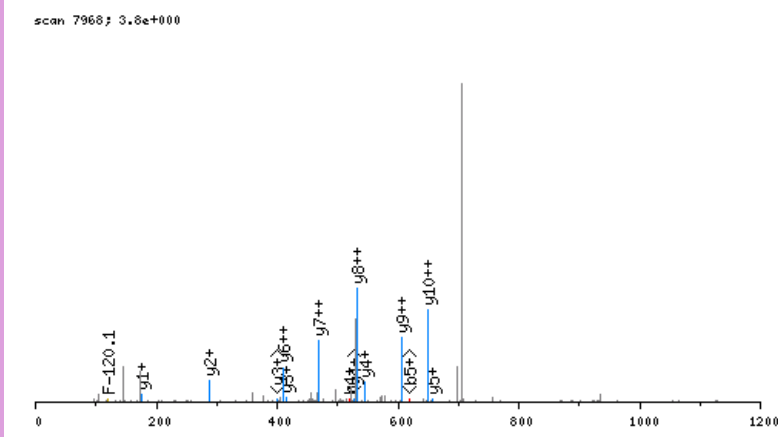
y + 2+ 3+

z + 2+ 3+

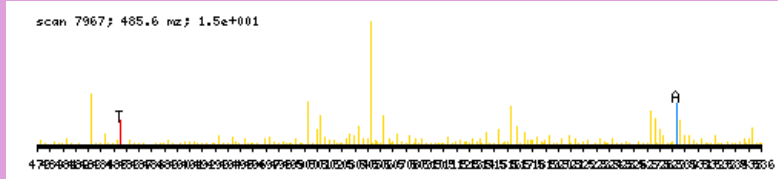
hide H₂O/NH₃

zoom 112-122

GO



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



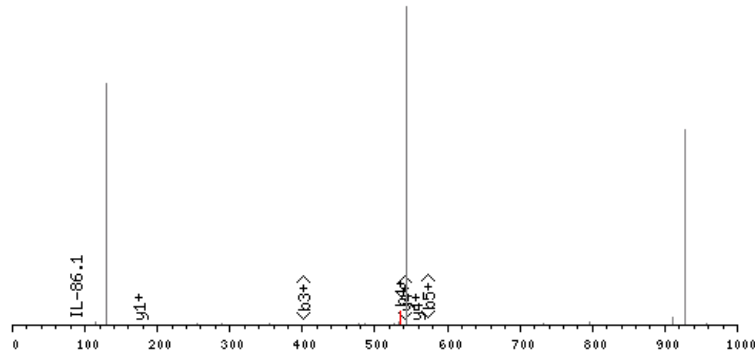
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0453	1	D 11		
245.0774	2	S 10	1297.7329	649.3703
392.1458	3	F 9	1210.7008	605.8543
521.1884	4	E 8	1063.6324	532.3201
636.2153	5	D 7	934.5898	467.7988
798.3734	6	K 6	819.5629	410.2854
911.4575	7	L 5	657.4048	329.2063
1039.5161	8	Q 4	544.3207	272.6643
1167.5746	9	Q 3	416.2621	208.6350
1280.6587	10	L 2	288.2036	144.6057
	11	R 1	175.1195	88.0637

N-term:+43.02 K(6):+162.16

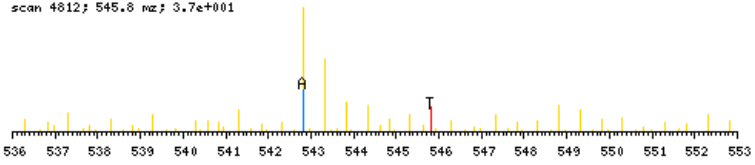
DVKDGGKYR, MH+ 1090.6534, m/z 545.8303
 H OS G25 P150811 220811-s1.04814.04814.2.dta

scan 4814; 1.2e+001



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

scan 4812; 545.8 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⁺
158.0453	1	D	8	
257.1138	2	V	7	933.6159 467.3118
419.2719	3	K	6	834.5474 417.7776
534.2988	4	D	5	672.3893 336.6986
591.3203	5	G	4	557.3624 279.1851
753.4784	6	K	3	500.3409 250.6744
916.5417	7	Y	2	338.1828 169.5953
	8	R	1	175.1195 88.0637

N-term:+43.02 K(3):+162.16
 K(6):+162.16

DVNLAPLR, MH+ 939.5264, m/z 470.2668
 H OS G29 P150811 220811-s1.05696.05696.2.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+

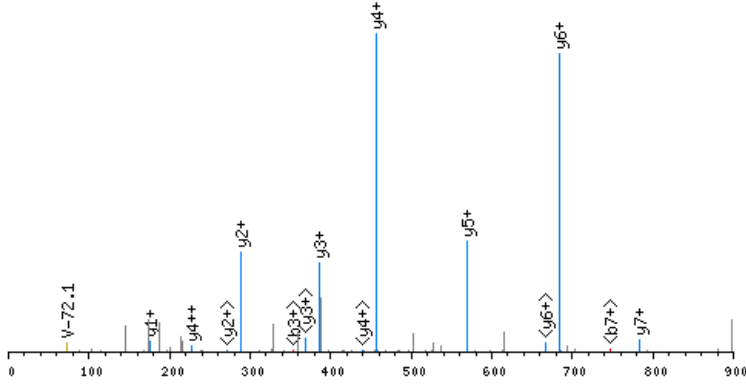
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

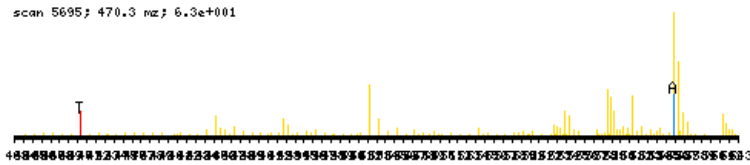
GO

scan 5696; 5.5e+000



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

scan 5695; 470.3 m/z; 6.3e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
158.0453	1	D 8		
257.1138	2	V 7	782.4888	391.7483
371.1567	3	N 6	683.4204	342.2141
484.2407	4	L 5	569.3775	285.1927
555.2779	5	A 4	456.2934	228.6506
652.3306	6	P 3	385.2563	193.1321
765.4147	7	L 2	288.2036	144.6057
	8	R 1	175.1195	88.0637

N-term:+43.02

DVSGQETDWR, MH+ 1234.5340, m/z 617.7707
 H OS G29 P150811 220811-s1.04388.04388.2.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+

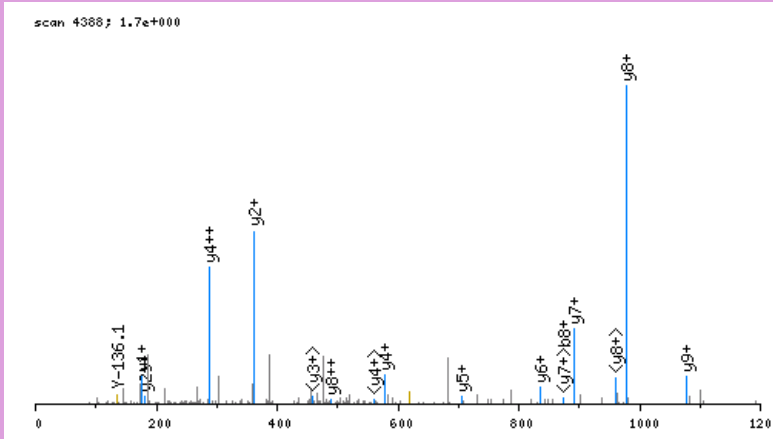
y + 2+ 3+

z + 2+ 3+

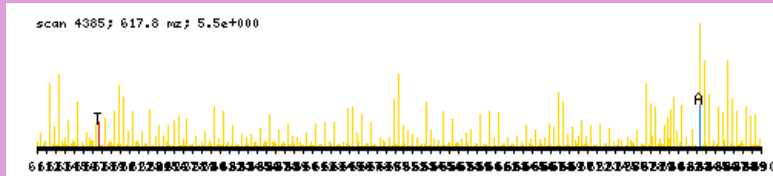
hide H₂O/NH₃

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⁺
158.0453	1	D	10	
257.1138	2	V	9	1077.4965
344.1458	3	S	8	978.4281
401.1672	4	G	7	891.3961
529.2258	5	Q	6	834.3746
658.2684	6	E	5	706.3160
759.3161	7	T	4	577.2734
874.3430	8	D	3	476.2258
1060.4224	9	W	2	361.1988
	10	R	1	175.1195

N-term:+43.02

DWLMGKSK, MH+ 1062.5659, m/z 531.7866
 H OS G25 P150811 220811-s1.07984.07984.2.dta

scan 7984; 5.6e+000

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

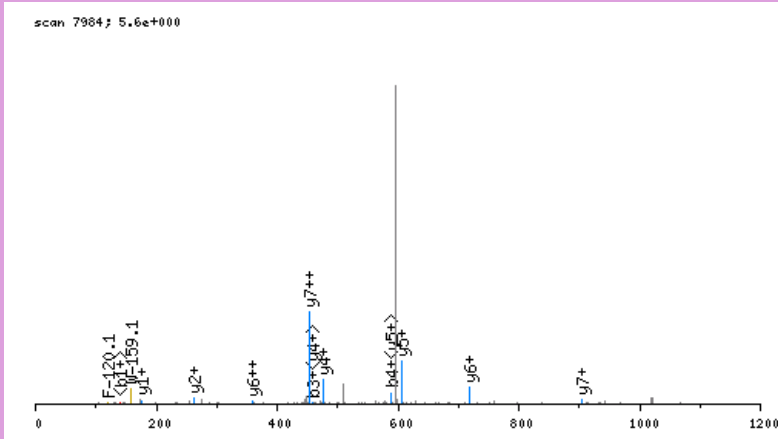
y + 2+ 3+

z + 2+ 3+

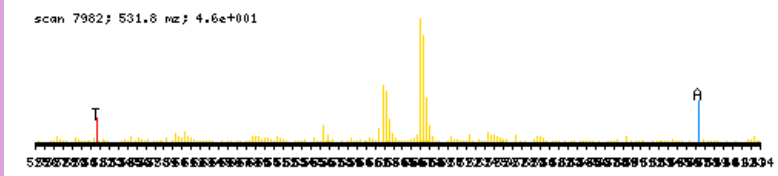
hide H₂O/NH₃

zoom 112-122

GO



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



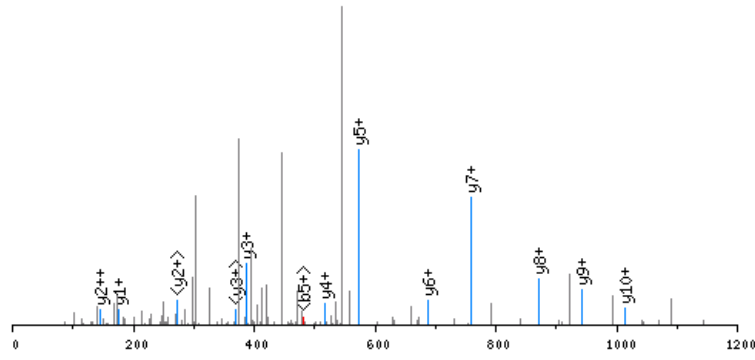
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
158.0453	1	D	8	
344.1247	2	W	7	905.5283 453.2681
457.2087	3	L	6	719.4490 360.2284
588.2492	4	M	5	606.3650 303.6864
645.2707	5	G	4	475.3245 238.1662
801.3970	6	K	3	418.3030 209.6554
888.4290	7	S	2	262.1767 131.5923
	8	K	1	175.1447 88.0763

N-term:+43.02 K(6):+156.13
 K(8):+156.13

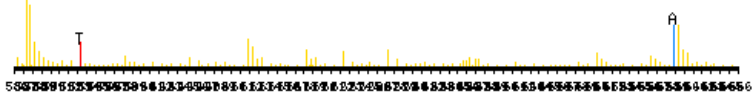
EAALADGEPDR, MH+ 1185.5388, m/z 593.2730
 H OS G29 P150811 220811-s1.04331.04331.2.dta

scan 4331; 1.6e+000



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

scan 4330; 593.3 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⁺
172.0610	1	E 11		
243.0981	2	A 10	1014.4856	507.7467
314.1352	3	A 9	943.4485	472.2282
427.2193	4	L 8	872.4114	436.7096
498.2564	5	A 7	759.3273	380.1676
613.2833	6	D 6	688.2902	344.6490
670.3048	7	G 5	573.2633	287.1355
799.3474	8	E 4	516.2418	258.6248
896.4002	9	P 3	387.1992	194.1035
1011.4271	10	D 2	290.1464	145.5771
	11	R 1	175.1195	88.0637

N-term:+43.02

EAAALAVTR, MH+ 872.4842, m/z 436.7457
 H OS G29 P150811 220811-s1.05192.05192.2.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+

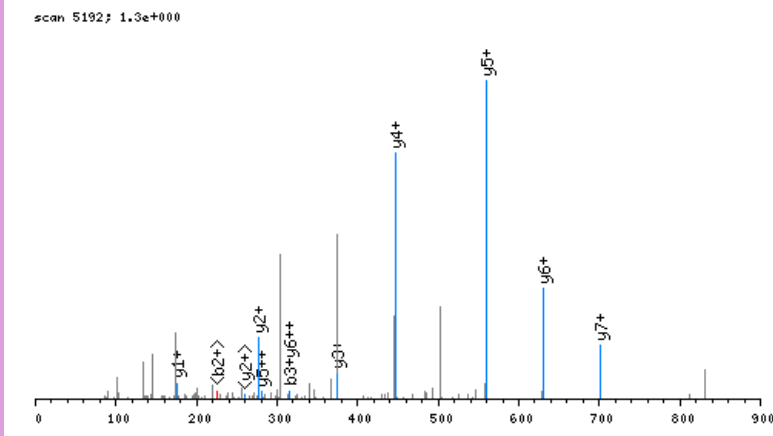
y + 2+ 3+

z + 2+ 3+

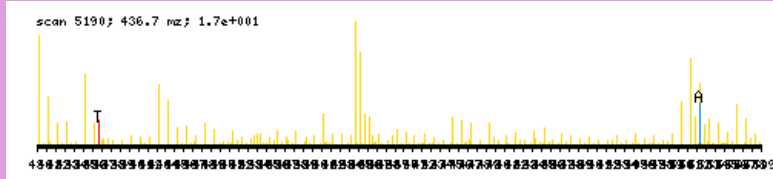
hide H₂O/NH₃

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⁺
172.0610	1	E 8		
243.0981	2	A 7	701.4310	351.2194
314.1352	3	A 6	630.3939	315.7009
427.2193	4	L 5	559.3568	280.1823
498.2564	5	A 4	446.2727	223.6403
597.3248	6	V 3	375.2356	188.1217
698.3725	7	T 2	276.1672	138.5875
	8	R 1	175.1195	88.0637

N-term:+43.02

EAATHQVGMAGPR, MH+ 1366.6538, m/z 456.2228
 H OS G25 P150811 220811-s1.04766.04766.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

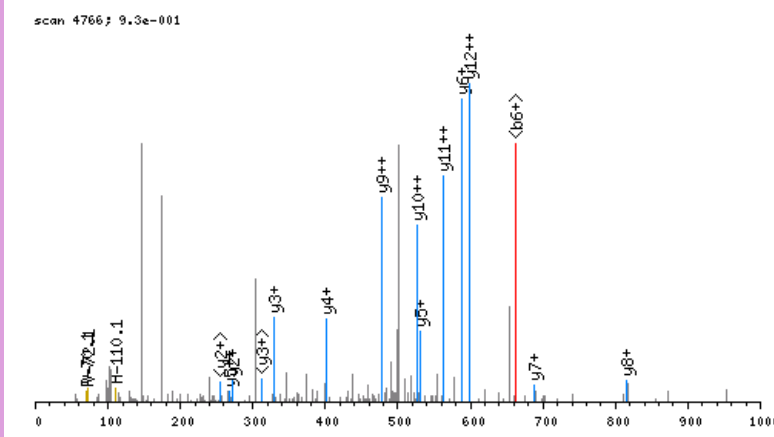
y + 2+ 3+

z + 2+ 3+

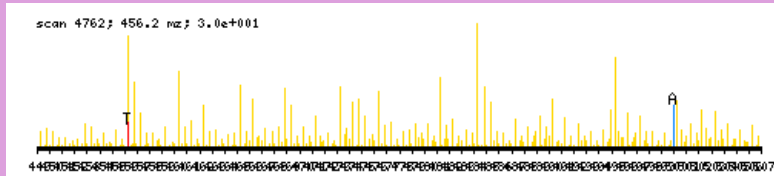
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 13		
243.0981	2	A 12	1195.6006	598.3042
314.1352	3	A 11	1124.5635	562.7857
415.1829	4	T 10	1053.5264	527.2671
552.2418	5	H 9	952.4787	476.7433
680.3004	6	Q 8	815.4198	408.2138
779.3688	7	V 7	687.3612	344.1845
836.3903	8	G 6	588.2928	294.6503
967.4308	9	M 5	531.2713	266.1396
1038.4679	10	A 4	400.2308	200.6193
1095.4893	11	G 3	329.1937	165.1008
1192.5421	12	P 2	272.1723	136.5900
	13	R 1	175.1195	88.0637

N-term:+43.02

EAEAADAPPGR, MH+ 1125.5177, m/z 563.2625
 H OS G29 P150811 220811-s1.02983.02983.2.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+

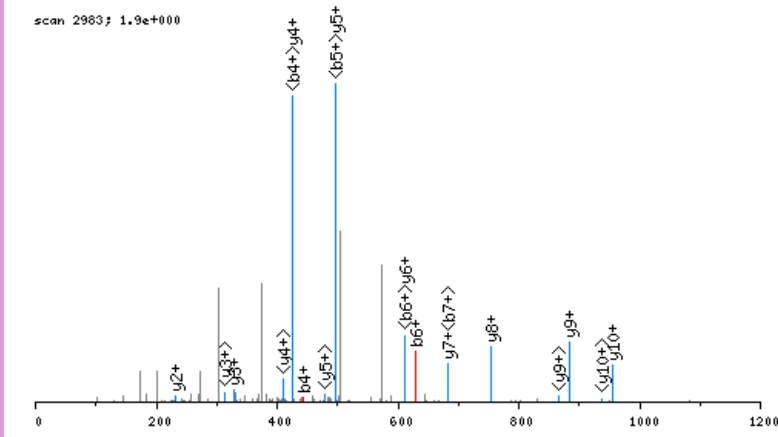
y + 2+ 3+

z + 2+ 3+

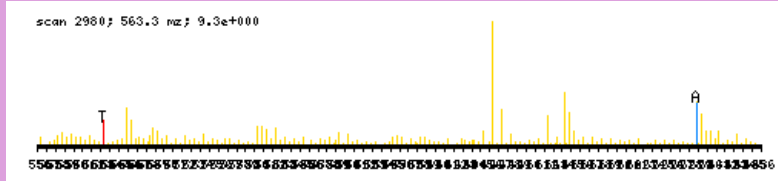
hide H₂O/NH₃

zoom 112-122

GO



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



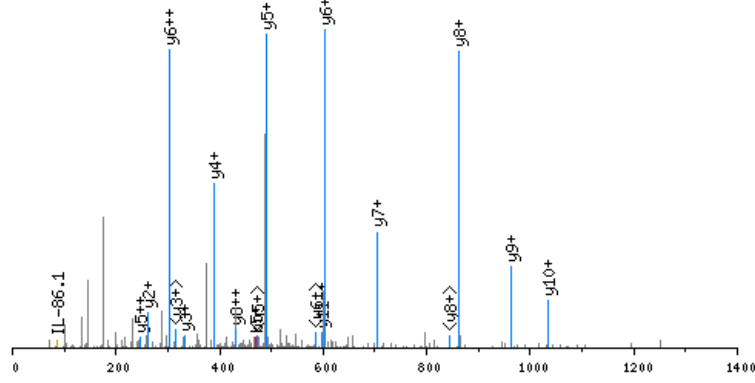
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
172.0610	1	E	11		
243.0981	2	A	10	954.4645	477.7362
372.1407	3	E	9	883.4274	442.2176
443.1778	4	A	8	754.3848	377.6963
514.2149	5	A	7	683.3477	342.1777
629.2419	6	D	6	612.3105	306.6592
700.2790	7	A	5	497.2836	249.1457
797.3317	8	P	4	426.2465	213.6272
894.3845	9	P	3	329.1937	165.1008
951.4060	10	G	2	232.1410	116.5744
	11	R	1	175.1195	88.0637

N-term:+43.02

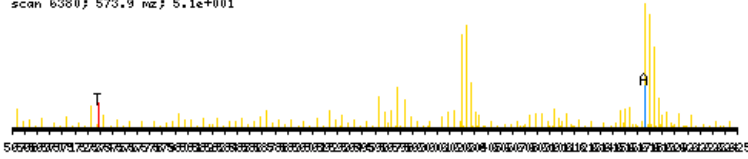
EAGGLGCAVCLTGASR, MH+ 1719.8157, m/z 573.9434
 H OS G29 P150811 220811-s1.06381.06381.3.dta

scan 6381; 3.2e+000



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

scan 6380; 573.9 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⁺
172.0610	1	E 17		
243.0981	2	A 16	1548.7626	774.8852
300.1196	3	G 15	1477.7254	739.3666
357.1410	4	G 14	1420.7040	710.8559
470.2251	5	L 13	1363.6825	682.3452
527.2466	6	G 12	1250.5985	625.8031
687.2772	7	C 11	1193.5770	597.2924
758.3143	8	A 10	1033.5464	517.2771
857.3827	9	V 9	962.5093	481.7586
1017.4133	10	C 8	863.4409	432.2243
1116.4817	11	V 7	703.4103	352.2090
1229.5658	12	L 6	604.3418	302.6748
1330.6134	13	T 5	491.2578	246.1328
1387.6349	14	G 4	390.2101	195.6090
1458.6720	15	A 3	333.1886	167.0982
1545.7041	16	S 2	262.1515	131.5797
	17	R 1	175.1195	88.0637

N-term:+43.02 C(7):+160.03
 C(10):+160.03

EAKGGTVKAASGFNATEDAQTLR, MH+ 2432.3058, m/z 608.8319
 H OS G26 P150811 220811-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+

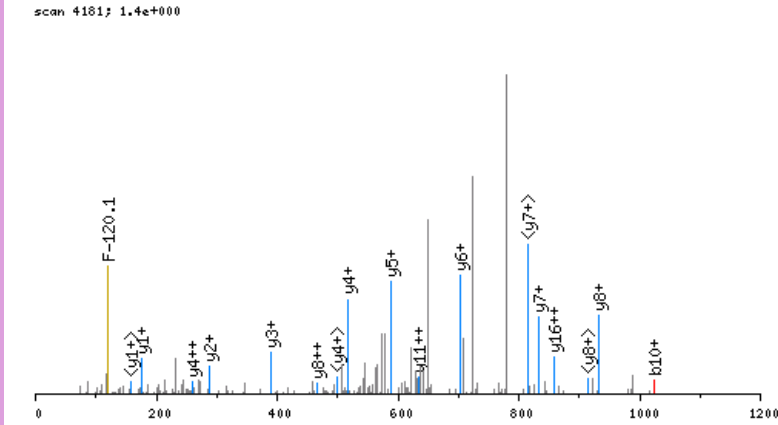
y + 2+ 3+

z + 2+ 3+

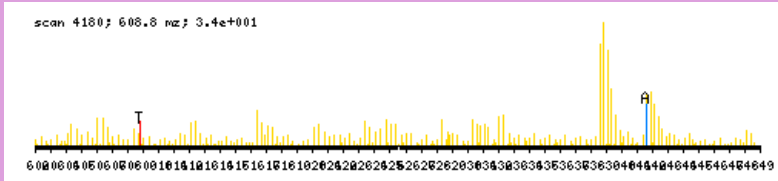
hide H₂O/NH₃

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⁺
172.0610	1	E 23		
243.0981	2	A 22	2261.2527	1131.1302
405.2562	3	K 21	2190.2155	1095.6117
462.2777	4	G 20	2028.0574	1014.5326
519.2991	5	G 19	1971.0360	986.0219
620.3468	6	T 18	1914.0145	957.5112
719.4152	7	V 17	1812.9668	906.9873
881.5733	8	K 16	1713.8984	857.4531
952.6104	9	A 15	1551.7403	776.3741
1023.6476	10	A 14	1480.7032	740.8555
1110.6796	11	S 13	1409.6661	705.3370
1167.7010	12	G 12	1322.6341	661.8209
1314.7695	13	F 11	1265.6126	633.3102
1428.8124	14	N 10	1118.5442	559.7760
1499.8495	15	A 9	1004.5013	502.7545
1600.8972	16	T 8	933.4641	467.2360
1729.9398	17	E 7	832.4165	416.7121
1844.9667	18	D 6	703.3739	352.1909
1916.0038	19	A 5	588.3469	294.6774
2044.0624	20	Q 4	517.3098	259.1588
2145.1101	21	T 3	389.2512	195.1295
2258.1942	22	L 2	288.2036	144.6057
	23	R 1	175.1195	88.0637

N-term:+43.02 K(3):+162.16
 K(8):+162.16

EAPELGPGGLVER, MH+ 1308.6800, m/z 654.8436
 H OS G29 P150811 220811-s1.05703.05703.2.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+

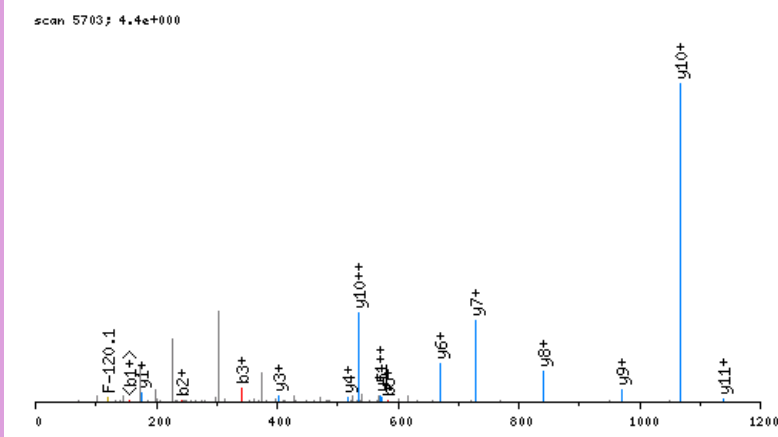
y + 2+ 3+

z + 2+ 3+

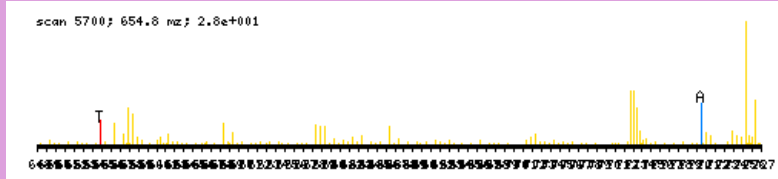
hide H₂O/NH₃

zoom 112-122

GO



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



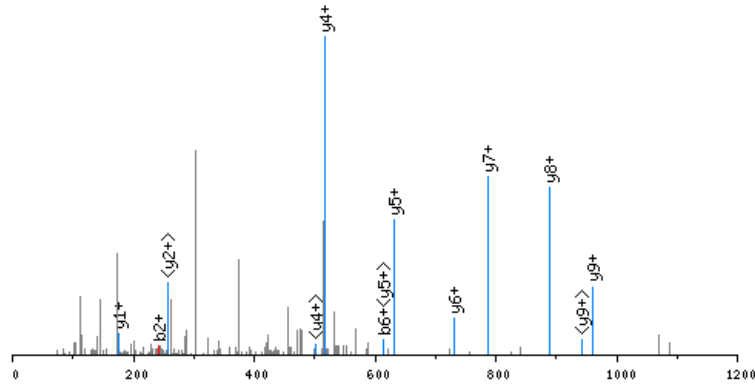
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 12		
243.0981	2	A 11	1137.6268	569.3173
340.1509	3	P 10	1066.5897	533.7988
469.1935	4	E 9	969.5369	485.2724
582.2775	5	L 8	840.4943	420.7511
639.2990	6	G 7	727.4103	364.2090
736.3518	7	P 6	670.3888	335.6983
793.3732	8	G 5	573.3360	287.1719
906.4573	9	L 4	516.3146	258.6612
1005.5257	10	V 3	403.2305	202.1192
1134.5683	11	E 2	304.1621	152.5850
	12	R 1	175.1195	88.0637

N-term:+43.02

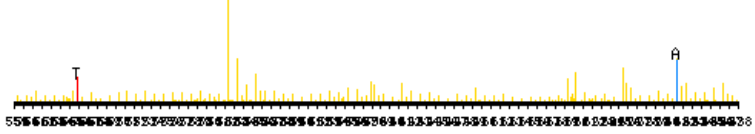
EATGVLPFVR, MH+ 1130.6210, m/z 565.8141
 H OS G29 P150811 220811-s1.06367.06367.2.dta

scan 6367; 9.8e-001



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

scan 6365; 565.8 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⁺
172.0610	1	E	10		
243.0981	2	A	9	959.5678	480.2878
344.1458	3	T	8	888.5307	444.7693
401.1672	4	G	7	787.4830	394.2454
500.2357	5	V	6	730.4616	365.7347
613.3197	6	L	5	631.3932	316.2005
710.3725	7	P	4	518.3091	259.6585
857.4409	8	F	3	421.2563	211.1321
956.5093	9	V	2	274.1879	137.5979
	10	R	1	175.1195	88.0637

N-term:+43.02

EATLNLEPSGR, MH+ 1228.6174, m/z 614.8123
 H OS G29 P150811 220811-s1.04106.04106.2.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+

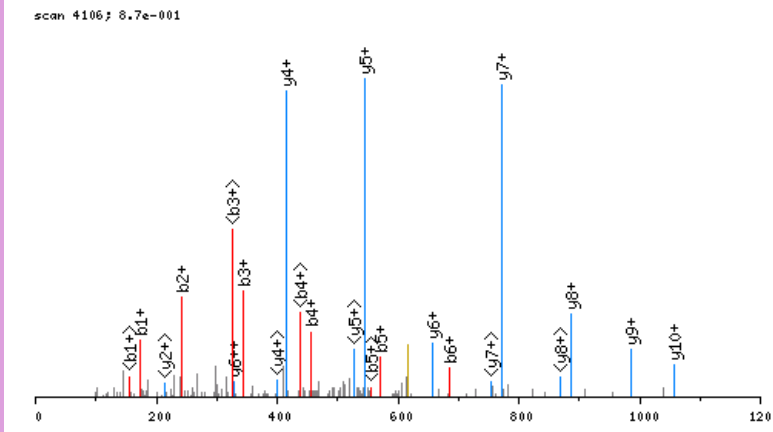
y + 2+ 3+

z + 2+ 3+

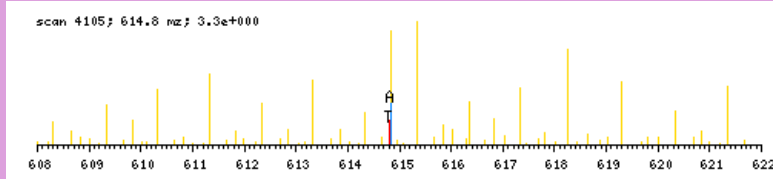
hide H₂O/NH₃

zoom 112-122

GO



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



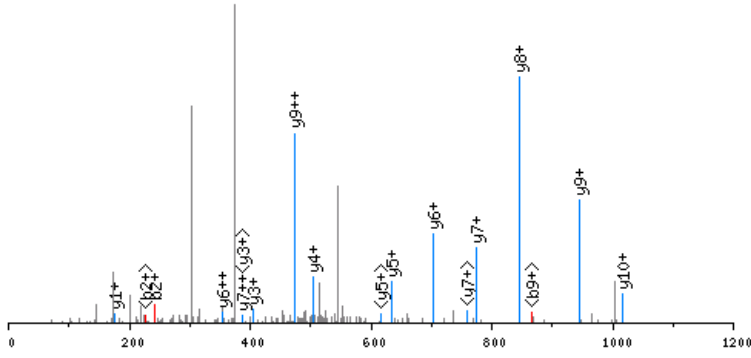
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 11		
243.0981	2	A 10	1057.5642	529.2860
344.1458	3	T 9	986.5271	493.7675
457.2298	4	L 8	885.4794	443.2436
571.2728	5	N 7	772.3953	386.7016
684.3568	6	L 6	658.3524	329.6801
813.3994	7	E 5	545.2683	273.1381
910.4522	8	P 4	416.2258	208.6168
997.4842	9	S 3	319.1730	160.0904
1054.5057	10	G 2	232.1410	116.5744
	11	R 1	175.1195	88.0637

N-term:+43.02

EAVAAAEVTER, MH+ 1187.5908, m/z 594.2990
 H OS G29 P150811 220811-s1.05129.05129.2.dta

scan 5129; 1.3e+000



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

scan 5125; 594.3 m/z; 9.2e+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⁺
172.0610	1	E 11		
243.0981	2	A 10	1016.5376	508.7727
342.1665	3	V 9	945.5005	473.2542
413.2036	4	A 8	846.4321	423.7200
484.2407	5	A 7	775.3950	388.2014
555.2779	6	A 6	704.3579	352.6829
684.3205	7	E 5	633.3208	317.1643
783.3889	8	V 4	504.2782	252.6430
884.4365	9	T 3	405.2098	203.1088
1013.4791	10	E 2	304.1621	152.5850
	11	R 1	175.1195	88.0637

N-term:+43.02

EDDQELER, MH+ 1075.4544, m/z 538.2308
 H OS G29 P150811 220811-s1.03191.03191.2.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+

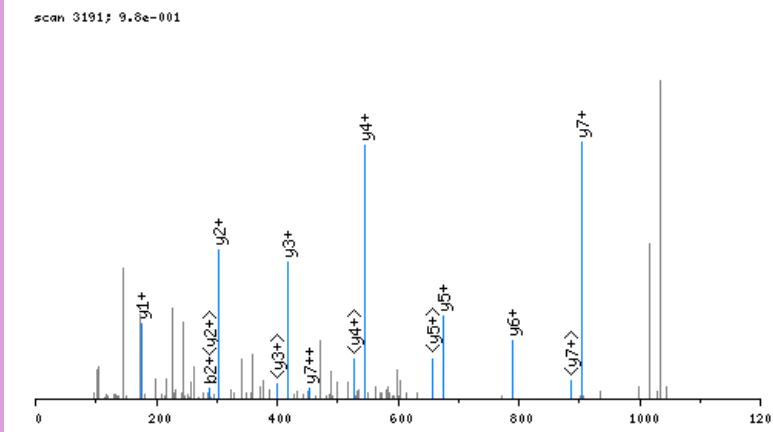
y + 2+ 3+

z + 2+ 3+

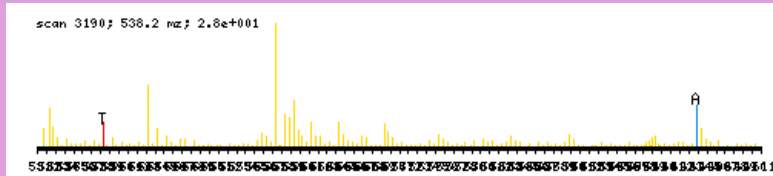
hide H₂O/NH₃

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⁺
172.0610	1	E 8		
287.0879	2	D 7	904.4012	452.7045
402.1149	3	D 6	789.3743	395.1910
530.1735	4	Q 5	674.3473	337.6776
659.2160	5	E 4	546.2888	273.6483
772.3001	6	L 3	417.2462	209.1270
901.3427	7	E 2	304.1621	152.5850
	8	R 1	175.1195	88.0637

N-term:+43.02

EDEVVR, MH+ 788.3790, m/z 394.6932
 H OS G29 P150811 220811-s1.03321.03321.2.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+

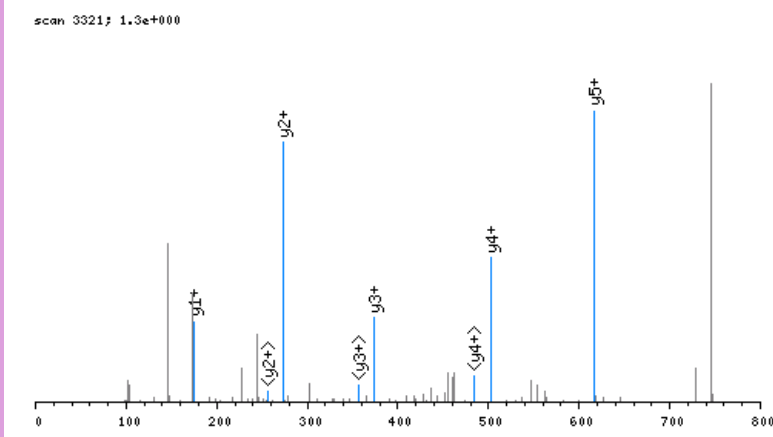
y + 2+ 3+

z + 2+ 3+

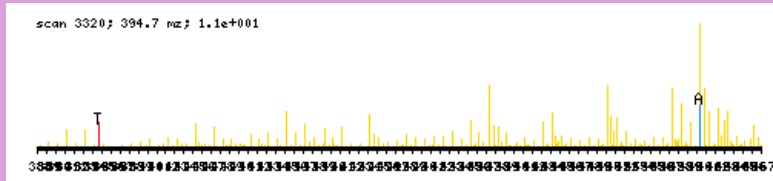
hide H₂O/NH₃

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⁺
172.0610	1	E 6		
287.0879	2	D 5	617.3259	309.1668
416.1305	3	E 4	502.2989	251.6534
515.1989	4	V 3	373.2563	187.1321
614.2674	5	V 2	274.1879	137.5979
	6	R 1	175.1195	88.0637

N-term:+43.02

EDGVAGPR, MH+ 842.4008, m/z 421.7041
 H OS G29 P150811 220811-s1.02918.02918.2.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+

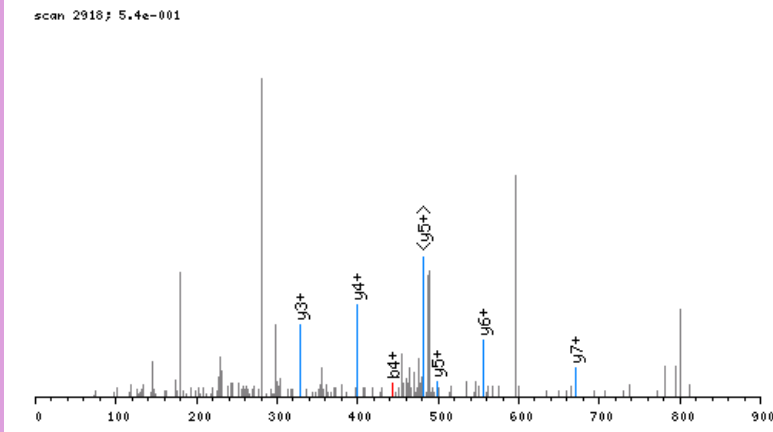
y + 2+ 3+

z + 2+ 3+

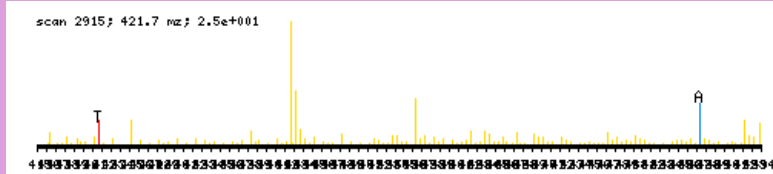
hide H₂O/NH₃

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⁺
172.0610	1	E 8		
287.0879	2	D 7	671.3477	336.1777
344.1094	3	G 6	556.3207	278.6643
443.1778	4	V 5	499.2993	250.1535
514.2149	5	A 4	400.2308	200.6193
571.2364	6	G 3	329.1937	165.1008
668.2892	7	P 2	272.1723	136.5900
	8	R 1	175.1195	88.0637

N-term:+43.02

EDIMQLPKAR, MH+ 1270.6830, m/z 424.2325
 H OS G25 P150811 220811-s1.07509.07509.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

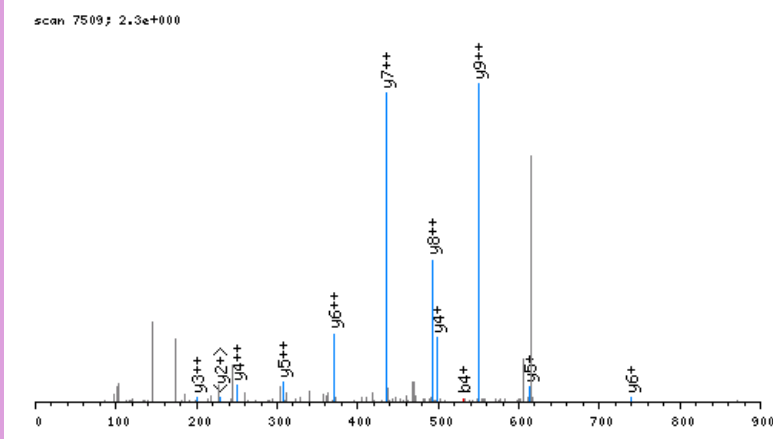
y + 2+ 3+

z + 2+ 3+

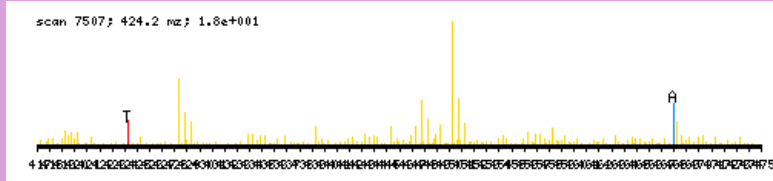
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 10		
287.0879	2	D 9	1099.6298	550.3188
400.1720	3	I 8	984.6029	492.8053
531.2125	4	M 7	871.5188	436.2633
659.2711	5	Q 6	740.4783	370.7431
772.3551	6	L 5	612.4197	306.7138
869.4079	7	P 4	499.3357	250.1718
1025.5342	8	K 3	402.2829	201.6454
1096.5713	9	A 2	246.1566	123.5822
	10	R 1	175.1195	88.0637

N-term:+43.02 K(8):+156.13

EDKPLVVSK, MH+ 1112.6568, m/z 556.8320
H OS G24 P150811 220811-s1.03199.03199.2.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+

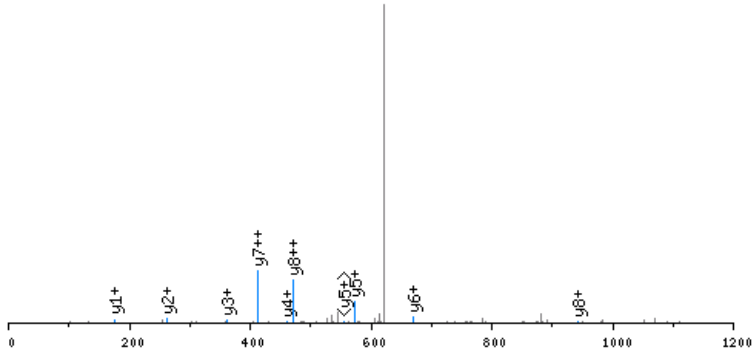
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

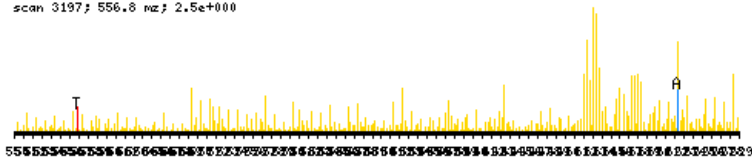
GO

scan 3199; 8.3e+000



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

scan 3197; 556.8 mz; 2.5e+000



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

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E	9	
287.0879	2	D	8	941.6036 471.3057
443.2142	3	K	7	826.5767 413.7922
540.2670	4	P	6	670.4504 335.7291
653.3511	5	L	5	573.3976 287.2027
752.4195	6	V	4	460.3135 230.6607
851.4879	7	V	3	361.2451 181.1265
938.5199	8	S	2	262.1767 131.5923
	9	K	1	175.1447 88.0763

N-term:+43.02 K(3):+156.13
K(9):+156.13

EDPGEDTSIHR, MH+ 1297.5661, m/z 649.2867
 H OS G25 P150811 220811-s1.03578.03578.2.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+

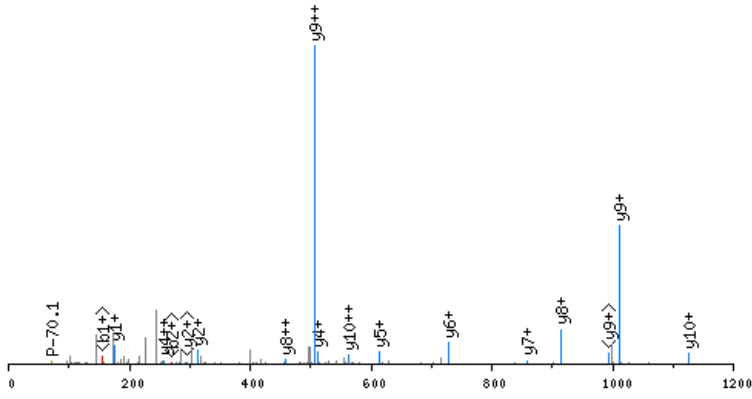
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

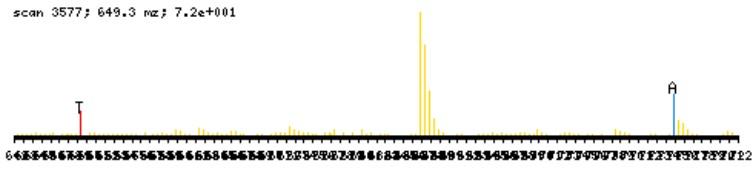
GO

scan 3578; 4.7e+000



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

scan 3577; 649.3 m/z; 7.2e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 11		
287.0879	2	D 10	1126.5129	563.7604
384.1407	3	P 9	1011.4859	506.2469
441.1622	4	G 8	914.4332	457.7205
570.2048	5	E 7	857.4117	429.2098
685.2317	6	D 6	728.3691	364.6885
786.2794	7	T 5	613.3422	307.1750
873.3114	8	S 4	512.2945	256.6512
986.3955	9	I 3	425.2625	213.1352
1123.4544	10	H 2	312.1784	156.5931
	11	R 1	175.1195	88.0637

N-term:+43.02

EDVNSNVNADQEVK, MH+ 1630.7309, m/z 544.2485
 H OS G29 P150811 220811-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+

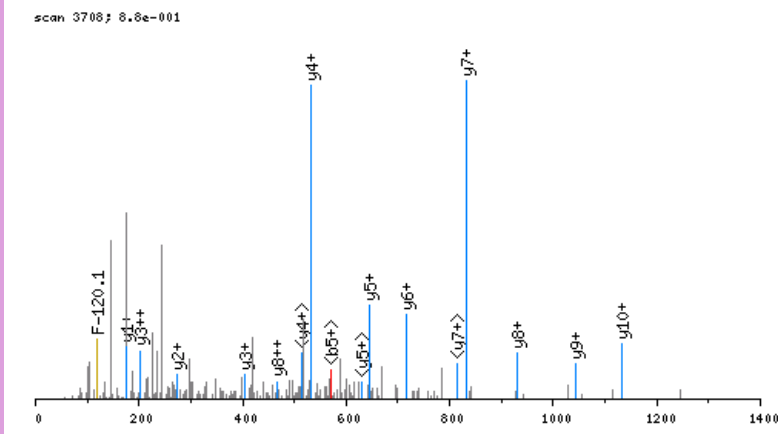
y + 2+ 3+

z + 2+ 3+

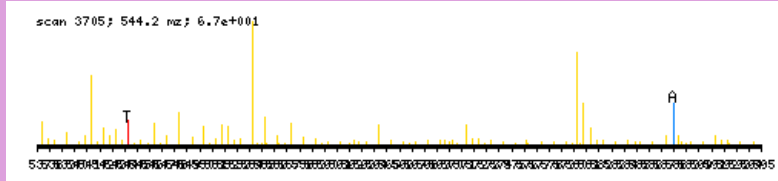
hide H₂O/NH₃

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⁺
172.0610	1	E 14		
287.0879	2	D 13	1459.6777	730.3428
386.1564	3	V 12	1344.6508	672.8293
500.1993	4	N 11	1245.5824	623.2951
587.2313	5	S 10	1131.5394	566.2736
701.2742	6	N 9	1044.5074	522.7576
800.3426	7	V 8	930.4645	465.7362
914.3856	8	N 7	831.3961	416.2019
985.4227	9	A 6	717.3531	359.1805
1100.4496	10	D 5	646.3160	323.6619
1228.5082	11	Q 4	531.2891	266.1485
1357.5508	12	E 3	403.2305	202.1192
1456.6192	13	V 2	274.1879	137.5979
	14	R 1	175.1195	88.0637

N-term:+43.02

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

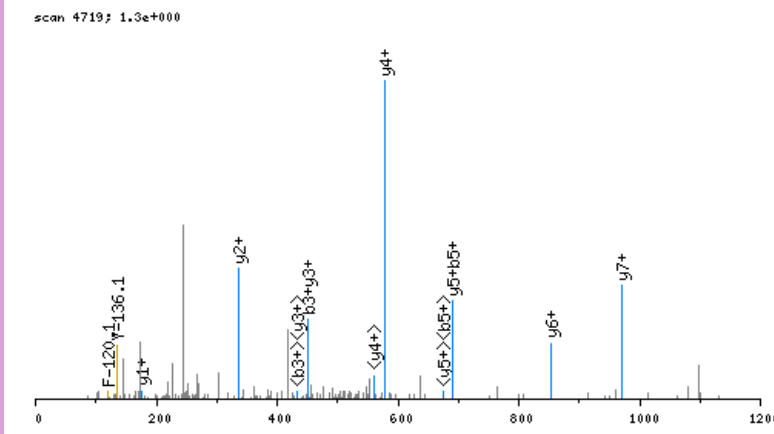
y + 2+ 3+

z + 2+ 3+

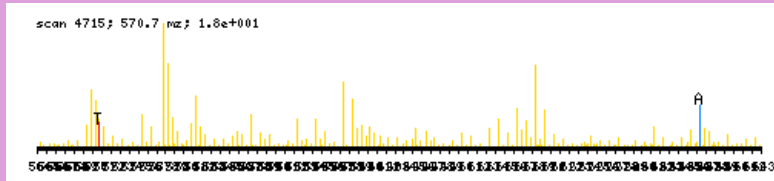
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 8		
287.0879	2	D 7	969.4100	485.2089
450.1513	3	Y 6	854.3830	427.6954
563.2353	4	L 5	691.3197	346.1638
691.2939	5	Q 4	578.2356	289.6217
806.3208	6	D 3	450.1770	225.5924
966.3514	7	C 2	335.1501	168.0790
	8	R 1	175.1195	88.0637

N-term:+43.02 C(7):+160.03

EEAELVKGR, MH+ 1106.6270, m/z 553.8171
 H OS G25 P150811 220811-s1.05073.05073.2.dta

scan 5073; 3.1e+001

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

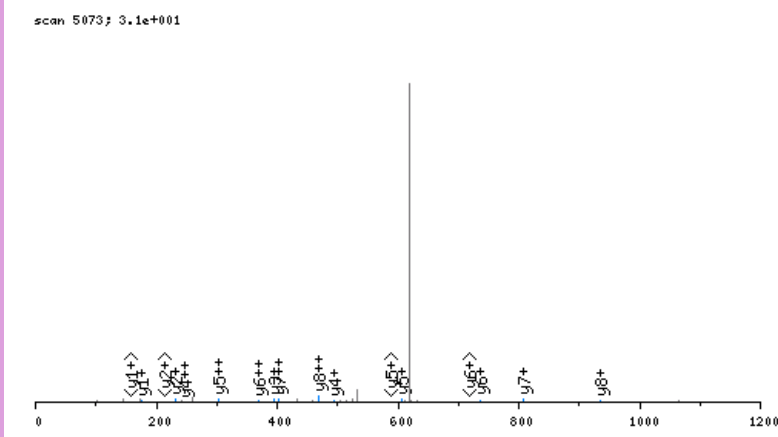
y + 2+ 3+

z + 2+ 3+

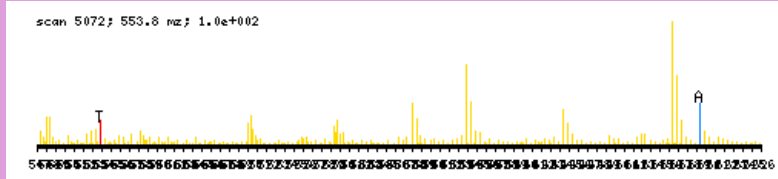
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 9		
301.1036	2	E 8	935.5738	468.2908
372.1407	3	A 7	806.5312	403.7695
501.1833	4	E 6	735.4941	368.2510
614.2674	5	L 5	606.4515	303.7297
713.3358	6	V 4	493.3675	247.1877
875.4939	7	K 3	394.2991	197.6534
932.5153	8	G 2	232.1410	116.5744
	9	R 1	175.1195	88.0637

N-term:+43.02 K(7):+162.16

EEAPHGCPGADSAQAGR, MH+ 1751.7407, m/z 584.5851
 H OS G25 P150811 220811-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+

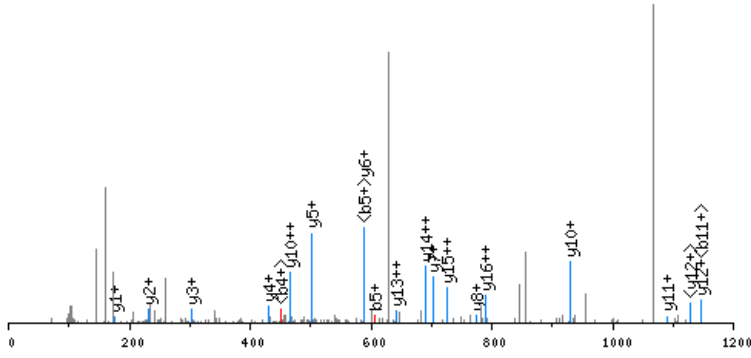
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

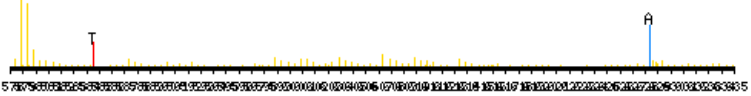
GO

scan 3068; 2.3e+000



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

scan 3067; 584.6 m/z; 1.5e+002



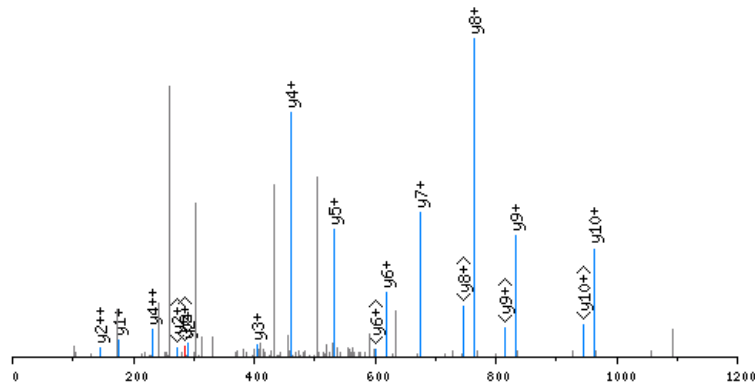
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 17		
301.1036	2	E 16	1580.6875	790.8477
372.1407	3	A 15	1451.6449	726.3264
469.1935	4	P 14	1380.6078	690.8078
606.2524	5	H 13	1283.5551	642.2814
663.2738	6	G 12	1146.4961	573.7520
823.3044	7	C 11	1089.4747	545.2413
920.3572	8	P 10	929.4441	465.2260
977.3787	9	G 9	832.3913	416.6996
1048.4158	10	A 8	775.3699	388.1888
1163.4427	11	D 7	704.3327	352.6703
1250.4748	12	S 6	589.3058	295.1568
1321.5119	13	A 5	502.2738	251.6408
1449.5704	14	Q 4	431.2367	216.1222
1520.6076	15	A 3	303.1781	152.0930
1577.6290	16	G 2	232.1410	116.5744
	17	R 1	175.1195	88.0637

N-term:+43.02 C(7):+160.03

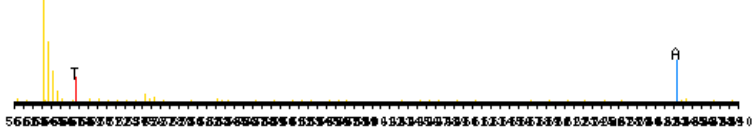
EEASGSAGNDR, MH+ 1134.4663, m/z 567.7368
 H OS G29 P150811 220811-s1.02386.02386.2.dta

scan 2386; 1.2e+000



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

scan 2383; 567.7 m/z; 7.4e+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

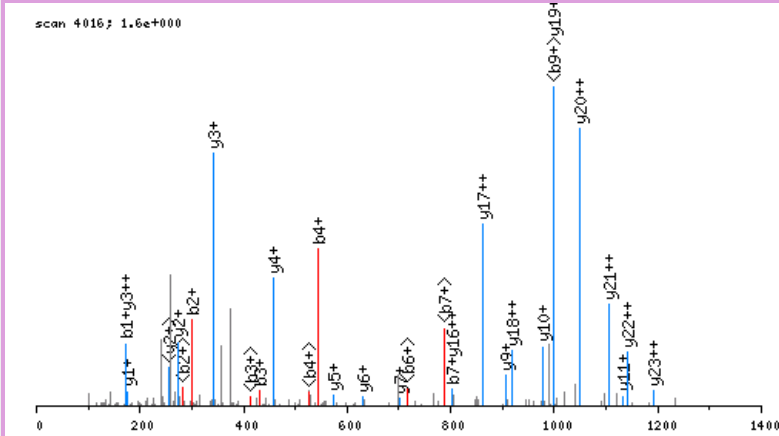
zoom 112-122

GO

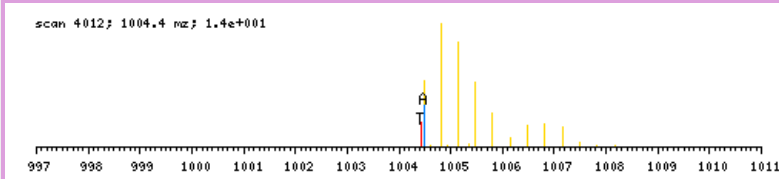
b ⁺	#	AA	#	y ⁺	y ²⁺
172.0610	1	E	11		
301.1036	2	E	10	963.4132	482.2105
372.1407	3	A	9	834.3706	417.6892
459.1727	4	S	8	763.3335	382.1706
516.1942	5	G	7	676.3014	338.6546
603.2262	6	S	6	619.2800	310.1439
674.2633	7	A	5	532.2479	266.6279
731.2848	8	G	4	461.2108	231.1093
845.3277	9	N	3	404.1894	202.5986
960.3547	10	D	2	290.1464	145.5771
	11	R	1	175.1195	88.0637

N-term:+43.02

EEDSTALVCDNGSGLCKAGFAGDDAPR, MH+ 3011.2998, m/z 1004.4381
 H OS G24 P150811 220811-s1.04016.04016.3.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

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 28		
301.1036	2	E 27	2840.2467	1420.6272
430.1462	3	E 26	2711.2041	1356.1059
545.1731	4	D 25	2582.1615	1291.5846
632.2052	5	S 24	2467.1345	1234.0712
733.2528	6	T 23	2380.1025	1190.5552
804.2899	7	A 22	2279.0548	1140.0313
917.3740	8	L 21	2208.0177	1104.5128
1016.4424	9	V 20	2094.9336	1047.9707
1176.4730	10	C 19	1995.8652	998.4365
1291.5000	11	D 18	1835.8346	918.4212
1405.5429	12	N 17	1720.8077	860.9078
1462.5644	13	G 16	1606.7648	803.8863
1549.5964	14	S 15	1549.7433	775.3756
1606.6178	15	G 14	1462.7113	731.8595
1719.7019	16	L 13	1405.6898	703.3488
1879.7325	17	C 12	1292.6057	646.8068
2035.8588	18	K 11	1132.5751	566.7915
2106.8959	19	A 10	976.4488	488.7283
2163.9174	20	G 9	905.4117	453.2098
2310.9858	21	F 8	848.3903	424.6990
2382.0229	22	A 7	701.3218	351.1648
2439.0444	23	G 6	630.2847	315.6463
2554.0713	24	D 5	573.2633	287.1355
2669.0983	25	D 4	458.2363	229.6221
2740.1354	26	A 3	343.2094	172.1086
2837.1881	27	P 2	272.1723	136.5900
	28	R 1	175.1195	88.0637

N-term:+43.02 C(10):+160.03
 C(17):+160.03 K(18):+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+

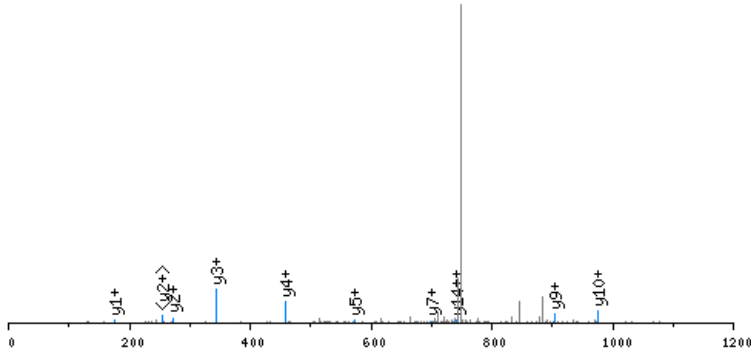
hide H₂O/NH₃

zoom 112-122

GO

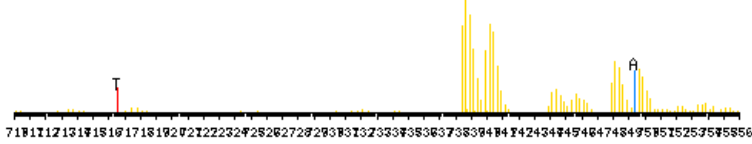
EEEEIAALVIDNGSGMCKAGFAGDDAPR, MH+ 2863.3242, m/z 716.5865
 H OS G24 P150811 220811-s1.04559.04559.4.dta

scan 4559; 7.0e+000



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

scan 4557; 716.6 mz; 1.6e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 27		
301.1036	2	E 26	2692.2711	1346.6394
430.1462	3	E 25	2563.2285	1282.1181
543.2302	4	I 24	2434.1859	1217.5969
614.2674	5	A 23	2321.1018	1161.0548
685.3045	6	A 22	2250.0647	1125.5363
798.3885	7	L 21	2179.0276	1090.0177
897.4569	8	V 20	2065.9435	1033.4757
1010.5410	9	I 19	1966.8751	983.9415
1125.5680	10	D 18	1853.7910	927.3994
1239.6109	11	N 17	1738.7641	869.8860
1296.6323	12	G 16	1624.7212	812.8645
1383.6644	13	S 15	1567.6997	784.3538
1440.6858	14	G 14	1480.6677	740.8378
1571.7263	15	M 13	1423.6462	712.3270
1731.7569	16	C 12	1292.6057	646.8068
1887.8832	17	K 11	1132.5751	566.7915
1958.9203	18	A 10	976.4488	488.7283
2015.9418	19	G 9	905.4117	453.2098
2163.0102	20	F 8	848.3903	424.6990
2234.0473	21	A 7	701.3218	351.1648
2291.0688	22	G 6	630.2847	315.6463
2406.0957	23	D 5	573.2633	287.1355
2521.1227	24	D 4	458.2363	229.6221
2592.1598	25	A 3	343.2094	172.1086
2689.2126	26	P 2	272.1723	136.5900
	27	R 1	175.1195	88.0637

N-term: +43.02 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

EESIKEGSEKPR, MH+ 1615.8180, m/z 539.2775
 H OS G26 P150811 220811-s1.02596.02596.3.dta

scan 2596; 8.7e+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+

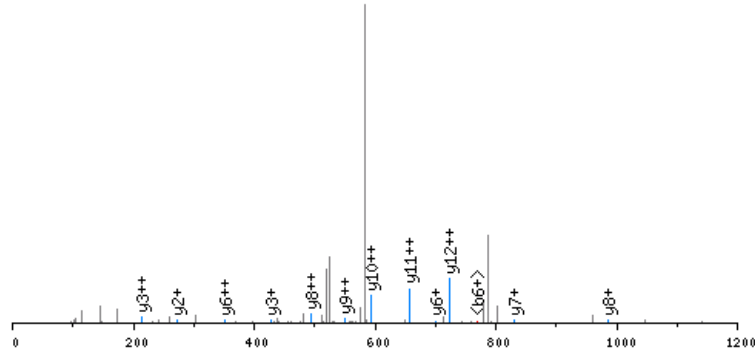
y + 2+ 3+

z + 2+ 3+

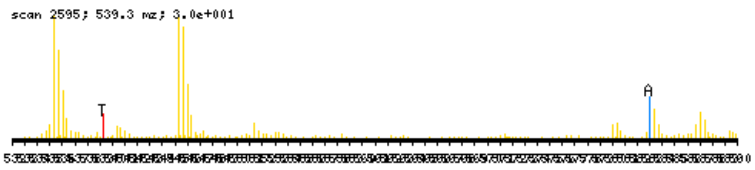
hide H₂O/NH₃

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⁺
172.0610	1	E	13		
301.1036	2	E	12	1444.7648	722.8863
430.1462	3	E	11	1315.7222	658.3650
517.1782	4	S	10	1186.6796	593.8437
630.2623	5	I	9	1099.6476	550.3277
786.3886	6	K	8	986.5635	493.7857
915.4312	7	E	7	830.4372	415.7225
972.4526	8	G	6	701.3946	351.2012
1059.4847	9	S	5	644.3732	322.6905
1188.5273	10	E	4	557.3412	279.1745
1344.6536	11	K	3	428.2986	214.6532
1441.7063	12	P	2	272.1723	136.5900
	13	R	1	175.1195	88.0637

N-term:+43.02 K(6):+156.13
 K(11):+156.13

EEGPAVGTLSR, MH+ 1157.5803, m/z 579.2938
 H OS G29 P150811 220811-s1.04133.04133.2.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+

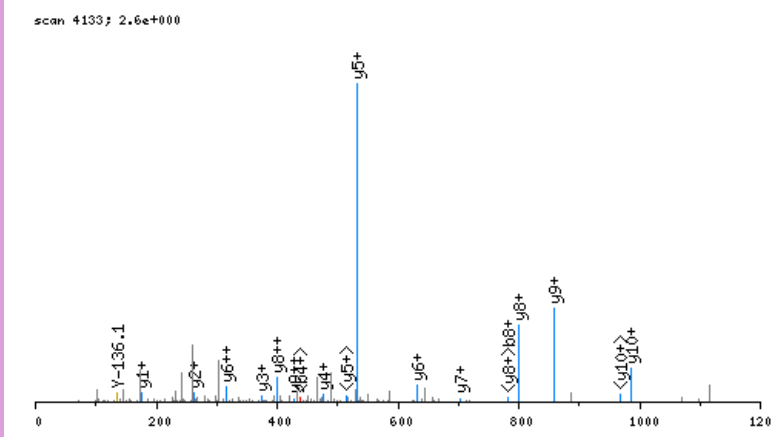
y + 2+ 3+

z + 2+ 3+

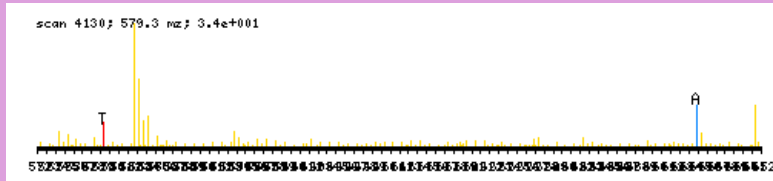
hide H₂O/NH₃

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⁺
172.0610	1	E	11		
301.1036	2	E	10	986.5271	493.7675
358.1251	3	G	9	857.4845	429.2462
455.1778	4	P	8	800.4630	400.7354
526.2149	5	A	7	703.4103	352.2090
625.2833	6	V	6	632.3731	316.6905
682.3048	7	G	5	533.3047	267.1563
783.3525	8	T	4	476.2833	238.6455
896.4365	9	L	3	375.2356	188.1217
983.4686	10	S	2	262.1515	131.5797
	11	R	1	175.1195	88.0637

N-term:+43.02

EELSADEIR, MH+ 1103.5221, m/z 552.2647
 H OS G29 P150811 220811-s1.04992.04992.2.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+

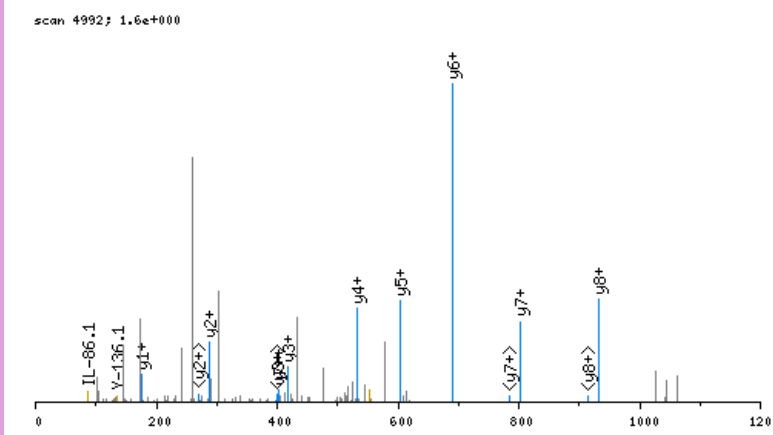
y + 2+ 3+

z + 2+ 3+

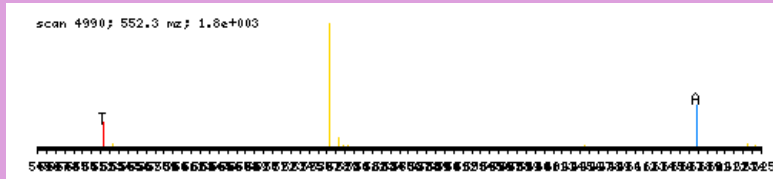
hide H₂O/NH₃

zoom 112-122

GO



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



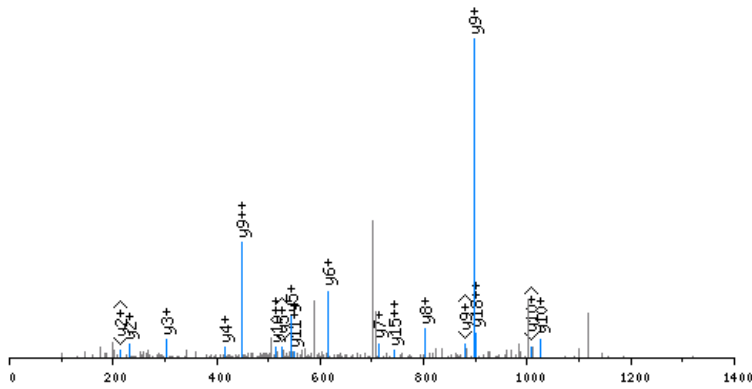
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 9		
301.1036	2	E 8	932.4689	466.7384
414.1877	3	L 7	803.4263	402.2171
501.2197	4	S 6	690.3422	345.6750
572.2568	5	A 5	603.3102	302.1590
687.2837	6	D 4	532.2731	266.6405
816.3263	7	E 3	417.2462	209.1270
929.4104	8	I 2	288.2036	144.6057
	9	R 1	175.1195	88.0637

N-term:+43.02

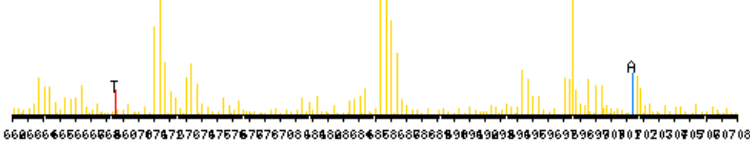
EERPSETNSNVDSQAQPSVAQLAGR, MH+ 2671.2560, m/z 668.5694
 H OS G24 P150811 220811-s1.03644.03644.4.dta

scan 3644; 2.0e+000



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

scan 3642; 668.6 m/z; 4.5e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 25		
301.1036	2	E 24	2500.2028	1250.6053
457.2047	3	R 23	2371.1602	1186.0840
554.2575	4	P 22	2215.0591	1108.0335
641.2895	5	S 21	2118.0063	1059.5071
770.3321	6	E 20	2030.9743	1015.9911
871.3798	7	T 19	1901.9317	951.4698
985.4227	8	N 18	1800.8840	900.9459
1072.4547	9	S 17	1686.8411	843.9245
1186.4976	10	N 16	1599.8091	800.4084
1285.5661	11	V 15	1485.7661	743.3870
1400.5930	12	D 14	1386.6977	693.8528
1487.6250	13	S 13	1271.6708	636.3393
1574.6571	14	S 12	1184.6388	592.8233
1645.6942	15	A 11	1097.6067	549.3073
1773.7527	16	Q 10	1026.5696	513.7887
1870.8055	17	P 9	898.5110	449.7594
1957.8375	18	S 8	801.4583	401.2331
2056.9060	19	V 7	714.4262	357.7170
2127.9431	20	A 6	615.3578	308.1828
2256.0016	21	Q 5	544.3207	272.6643
2369.0857	22	L 4	416.2621	208.6350
2440.1228	23	A 3	303.1781	152.0930
2497.1443	24	G 2	232.1410	116.5744
	25	R 1	175.1195	88.0637

N-term:+43.02

EFAELIKTPR, MH+ 1273.7157, m/z 637.3615
 H OS G25 P150811 220811-s1.08200.08200.2.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+

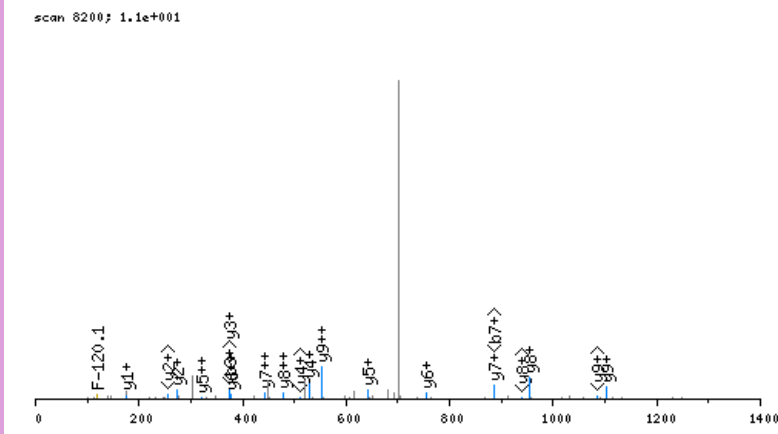
y + 2+ 3+

z + 2+ 3+

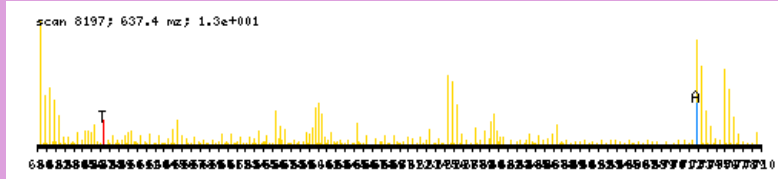
hide H₂O/NH₃

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⁺
172.0610	1	E	10	
319.1294	2	F	9	1102.6625 551.8352
390.1665	3	A	8	955.5941 478.3010
519.2091	4	E	7	884.5570 442.7824
632.2932	5	L	6	755.5144 378.2611
745.3772	6	I	5	642.4303 321.7191
901.5035	7	K	4	529.3462 265.1770
1002.5512	8	T	3	373.2199 187.1139
1099.6040	9	P	2	272.1723 136.5900
	10	R	1	175.1195 88.0637

N-term:+43.02 K(7):+156.13

EFPDLGAHCSEPSQR, MH+ 1931.8015, m/z 644.6054
 H OS G25 P150811 220811-s1.06896.06896.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

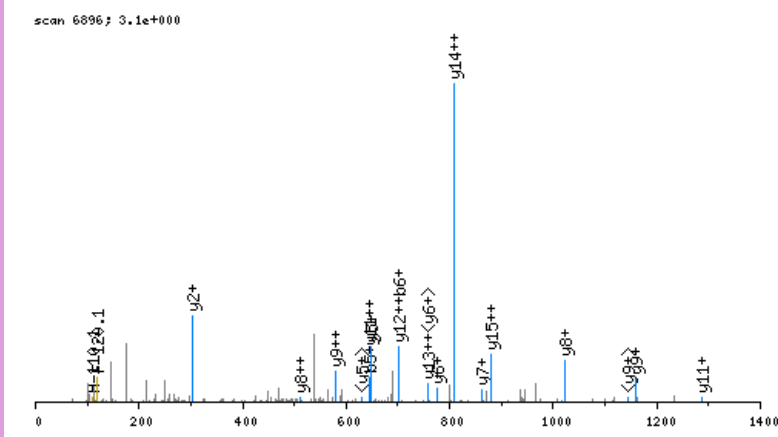
y + 2+ 3+

z + 2+ 3+

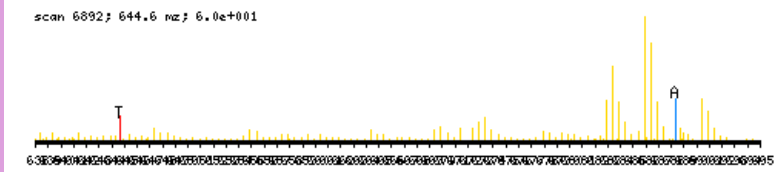
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 16		
319.1294	2	F 15	1760.7484	880.8781
416.1822	3	P 14	1613.6800	807.3439
531.2091	4	D 13	1516.6272	758.8175
644.2932	5	L 12	1401.6002	701.3040
701.3146	6	G 11	1288.5162	644.7620
772.3518	7	A 10	1231.4947	616.2513
909.4107	8	H 9	1160.4576	580.7327
1069.4413	9	C 8	1023.3987	512.2033
1156.4733	10	S 7	863.3681	432.1880
1285.5159	11	E 6	776.3361	388.6719
1382.5687	12	P 5	647.2935	324.1506
1469.6007	13	S 4	550.2407	275.6243
1629.6313	14	C 3	463.2087	232.1083
1757.6899	15	Q 2	303.1781	152.0930
	16	R 1	175.1195	88.0637

N-term:+43.02 C(9):+160.03
 C(14):+160.03

EGDGPAAATAPQYQPVCPTR, MH+ 2056.9398, m/z 686.3181
 H OS G29 P150811 220811-s1.04206.04206.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

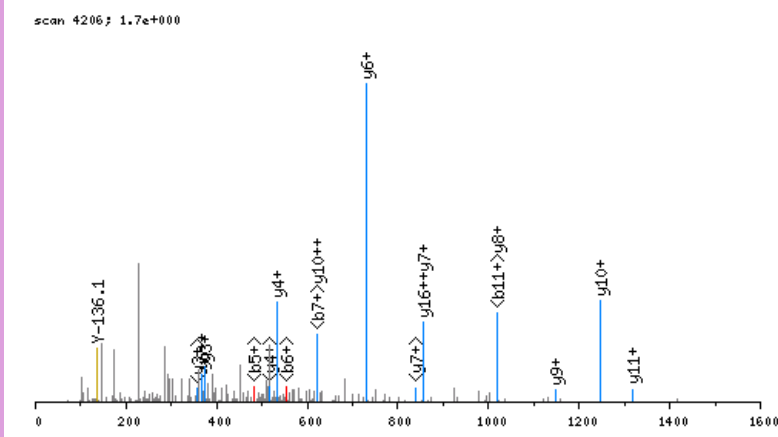
y + 2+ 3+

z + 2+ 3+

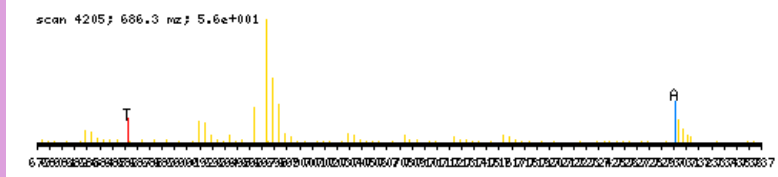
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 19		
229.0825	2	G 18	1885.8866	943.4472
344.1094	3	D 17	1828.8652	914.9365
401.1309	4	G 16	1713.8382	857.4230
498.1836	5	P 15	1656.8168	828.9123
569.2207	6	A 14	1559.7640	780.3859
640.2579	7	A 13	1488.7269	744.8673
741.3055	8	T 12	1417.6898	709.3488
812.3426	9	A 11	1316.6421	658.8250
909.3954	10	P 10	1245.6050	623.3064
1037.4540	11	Q 9	1148.5522	574.7800
1200.5173	12	Y 8	1020.4936	510.7507
1328.5759	13	Q 7	857.4303	429.2191
1425.6287	14	P 6	729.3717	365.1898
1524.6971	15	V 5	632.3190	316.6634
1684.7277	16	C 4	533.2505	267.1292
1781.7804	17	P 3	373.2199	187.1139
1882.8281	18	T 2	276.1672	138.5875
	19	R 1	175.1195	88.0637

N-term:+43.02 C(16):+160.03

EGDSTISVAGR, MH+ 1190.5653, m/z 595.7863
 H OS G29 P150811 220811-s1.03689.03689.2.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+

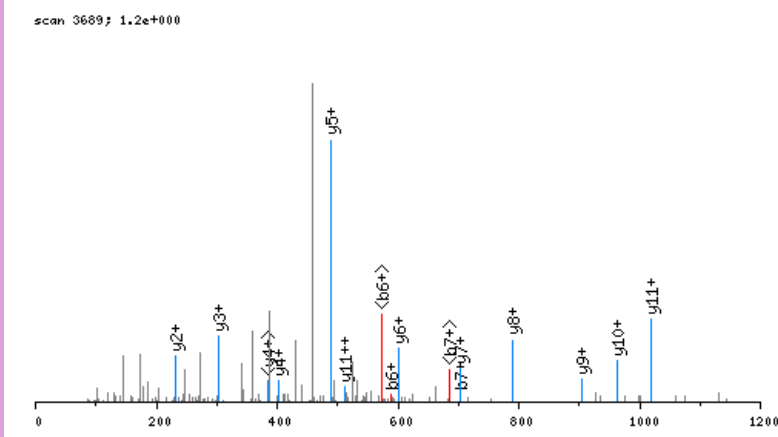
y + 2+ 3+

z + 2+ 3+

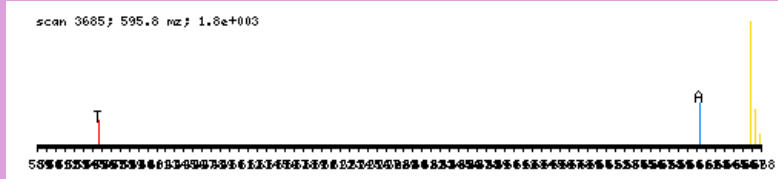
hide H₂O/NH₃

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⁺
172.0610	1	E 12		
229.0825	2	G 11	1019.5122	510.2600
286.1039	3	G 10	962.4907	481.7493
401.1309	4	D 9	905.4692	453.2385
488.1629	5	S 8	790.4423	395.7251
589.2106	6	T 7	703.4103	352.2090
702.2946	7	I 6	602.3626	301.6852
789.3267	8	S 5	489.2785	245.1432
888.3951	9	V 4	402.2465	201.6272
959.4322	10	A 3	303.1781	152.0930
1016.4537	11	G 2	232.1410	116.5744
	12	R 1	175.1195	88.0637

N-term:+43.02

EGPLSVFGDR, MH+ 1118.5482, m/z 559.7777
 H OS G29 P150811 220811-s1.06369.06369.2.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+

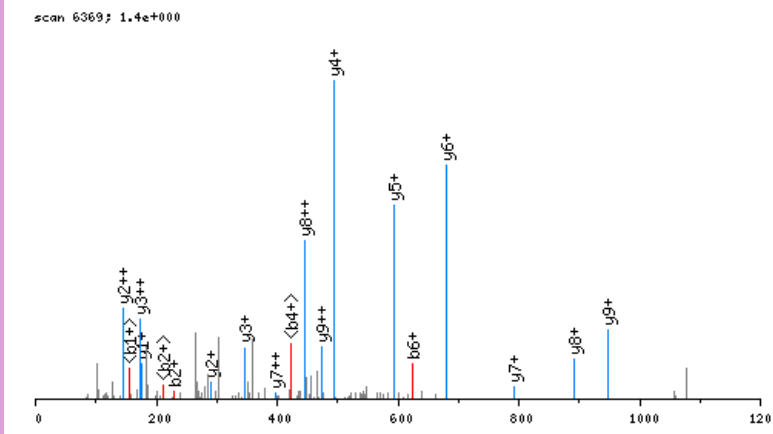
y + 2+ 3+

z + 2+ 3+

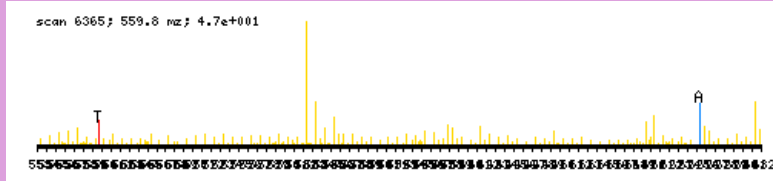
hide H₂O/NH₃

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⁺
172.0610	1	E	10		
229.0825	2	G	9	947.4951	474.2514
326.1352	3	P	8	890.4736	445.7407
439.2193	4	L	7	793.4208	397.2143
526.2513	5	S	6	680.3368	340.6723
625.3197	6	V	5	593.3047	297.1563
772.3881	7	F	4	494.2363	247.6221
829.4096	8	G	3	347.1679	174.0879
944.4365	9	D	2	290.1464	145.5771
	10	R	1	175.1195	88.0637

N-term:+43.02

EGVDCSMALADAAAGSPR, MH+ 1819.7954, m/z 607.2700
 H OS G29 P150811 220811-s1.06048.06048.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

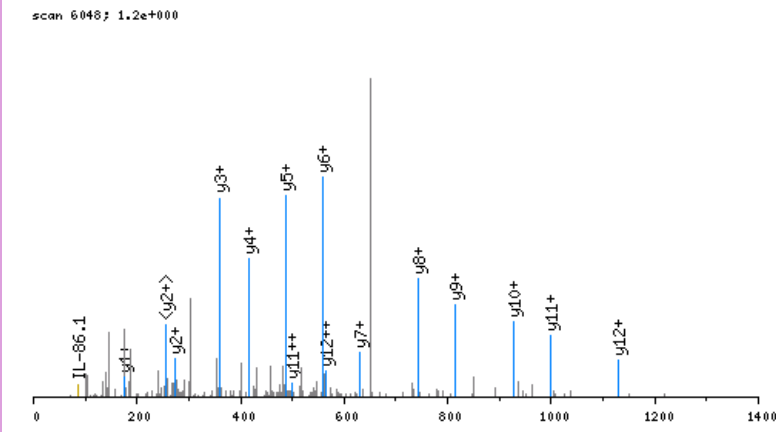
y + 2+ 3+

z + 2+ 3+

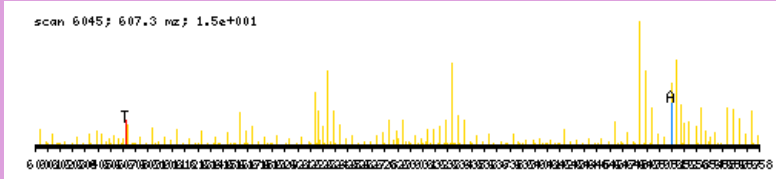
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 18		
229.0825	2	G 17	1648.7423	824.8750
328.1509	3	V 16	1591.7208	796.3643
443.1778	4	D 15	1492.6524	746.8301
603.2084	5	C 14	1377.6254	689.3166
690.2404	6	S 13	1217.5948	609.3013
821.2809	7	M 12	1130.5628	565.7853
892.3180	8	A 11	999.5223	500.2651
1005.4021	9	L 10	928.4852	464.7465
1076.4392	10	A 9	815.4012	408.2045
1191.4662	11	D 8	744.3640	372.6859
1262.5033	12	A 7	629.3371	315.1725
1333.5404	13	A 6	558.3000	279.6539
1404.5775	14	A 5	487.2629	244.1353
1461.5990	15	G 4	416.2258	208.6168
1548.6310	16	S 3	359.2043	180.1061
1645.6838	17	P 2	272.1723	136.5900
	18	R 1	175.1195	88.0637

N-term:+43.02 C(5):+160.03

EGYHKPDQQLQALKDTANR, MH+ 2466.3106, m/z 617.3331
 H OS G28 P150811 220811-s1.04600.04600.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

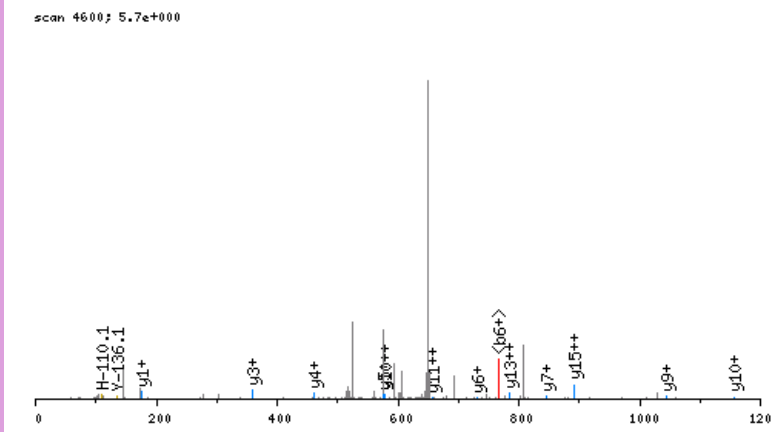
y + 2+ 3+

z + 2+ 3+

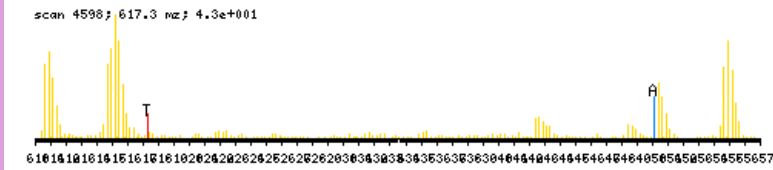
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
172.0610	1	E	20		
229.0825	2	G	19	2295.2574	1148.1326
392.1458	3	Y	18	2238.2360	1119.6219
529.2047	4	H	17	2075.1727	1038.0902
685.3310	5	K	16	1938.1137	969.5608
782.3838	6	P	15	1781.9874	891.4976
897.4107	7	D	14	1684.9347	842.9713
1025.4693	8	Q	13	1569.9077	785.4578
1153.5279	9	Q	12	1441.8492	721.4285
1309.6542	10	K	11	1313.7906	657.3992
1422.7382	11	L	10	1157.6643	579.3361
1550.7968	12	Q	9	1044.5802	522.7940
1621.8339	13	A	8	916.5216	458.7647
1734.9180	14	L	7	845.4845	423.2462
1891.0443	15	K	6	732.4005	366.7041
2006.0712	16	D	5	576.2742	288.6410
2107.1189	17	T	4	461.2472	231.1275
2178.1560	18	A	3	360.1995	180.6037
2292.1989	19	N	2	289.1624	145.0851
	20	R	1	175.1195	88.0637

N-term: +43.02 K(5): +156.13
 K(10): +156.13 K(15): +156.13

EHSPEGASPEPSGQPPATDSTR, MH+ 2405.0493, m/z 802.3546
 H OS G24 P150811 220811-s1.02900.02900.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

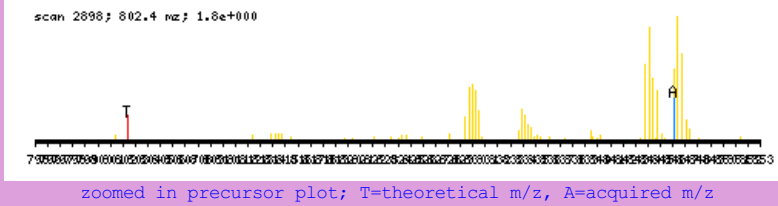
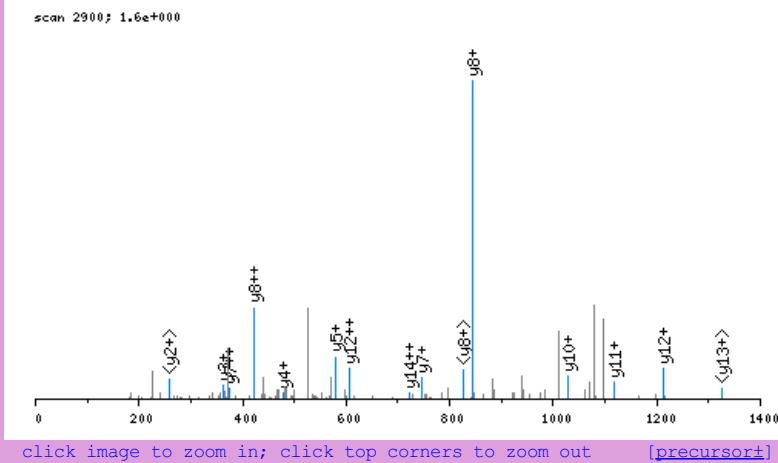
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

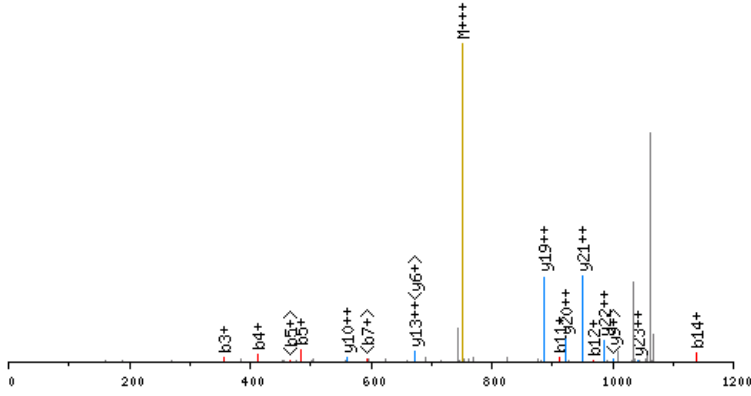


b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 23		
309.1199	2	H 22	2233.9962	1117.5020
396.1519	3	S 21	2096.9372	1048.9725
493.2047	4	P 20	2009.9052	1005.4565
622.2473	5	E 19	1912.8525	956.9301
751.2899	6	E 18	1783.8099	892.4088
808.3113	7	G 17	1654.7673	827.8875
879.3485	8	A 16	1597.7458	799.3768
966.3805	9	S 15	1526.7087	763.8583
1063.4333	10	P 14	1439.6767	720.3422
1192.4758	11	E 13	1342.6239	671.8159
1289.5286	12	P 12	1213.5813	607.2946
1376.5606	13	S 11	1116.5285	558.7682
1433.5821	14	G 10	1029.4965	515.2522
1561.6407	15	Q 9	972.4750	486.7414
1658.6934	16	P 8	844.4165	422.7121
1755.7462	17	P 7	747.3637	374.1858
1826.7833	18	A 6	650.3109	325.6594
1927.8310	19	T 5	579.2738	290.1408
2042.8579	20	D 4	478.2262	239.6170
2129.8900	21	S 3	363.1992	182.1035
2230.9377	22	T 2	276.1672	138.5875
	23	R 1	175.1195	88.0637

N-term:+43.02

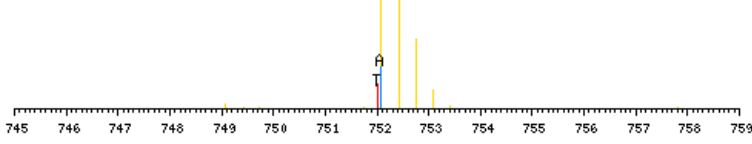
EIAGAAGADGGGAPVAEEQLSGER, MH+ 2254.0588, m/z 752.0244
 H OS G26 P150811 220811-s1.02110.02110.3.dta

scan 2110; 3.4e+000



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

scan 2106; 752.0 m/z; 2.1e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 24		
285.1451	2	I 23	2083.0056	1042.0067
356.1822	3	A 22	1969.9215	985.4647
413.2036	4	G 21	1898.8844	949.9461
484.2407	5	A 20	1841.8630	921.4354
555.2779	6	A 19	1770.8258	885.9168
612.2993	7	G 18	1699.7887	850.3983
683.3364	8	A 17	1642.7673	821.8875
798.3634	9	D 16	1571.7302	786.3690
855.3848	10	G 15	1456.7032	728.8555
912.4063	11	G 14	1399.6817	700.3448
969.4278	12	G 13	1342.6603	671.8341
1040.4649	13	A 12	1285.6388	643.3233
1137.5177	14	P 11	1214.6017	607.8048
1236.5861	15	V 10	1117.5489	559.2784
1307.6232	16	A 9	1018.4805	509.7442
1436.6658	17	E 8	947.4434	474.2256
1565.7084	18	E 7	818.4008	409.7043
1693.7669	19	Q 6	689.3582	345.1830
1806.8510	20	L 5	561.2997	281.1537
1893.8830	21	S 4	448.2156	224.6117
1950.9045	22	G 3	361.1836	181.0957
2079.9471	23	E 2	304.1621	152.5850
	24	R 1	175.1195	88.0637

N-term:+43.02

EIGTEISR, MH+ 946.4846, m/z 473.7459
 H OS G29 P150811 220811-s1.04556.04556.2.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+

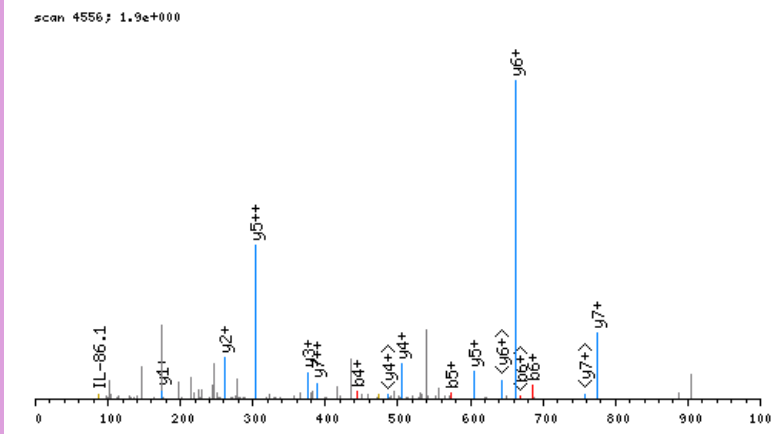
y + 2+ 3+

z + 2+ 3+

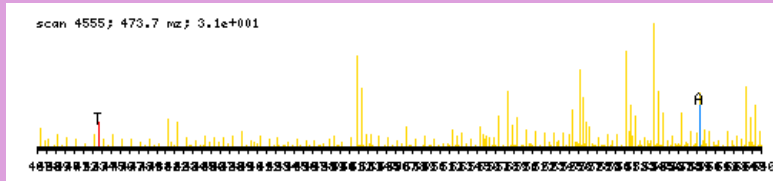
hide H₂O/NH₃

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⁺
172.0610	1	E 8		
285.1451	2	I 7	775.4314	388.2196
342.1665	3	G 6	662.3473	331.6776
443.2142	4	T 5	605.3259	303.1668
572.2568	5	E 4	504.2782	252.6430
685.3409	6	I 3	375.2356	188.1217
772.3729	7	S 2	262.1515	131.5797
	8	R 1	175.1195	88.0637

N-term:+43.02

EIQSGPQPGSPGR, MH+ 1351.6606, m/z 676.3340
 H OS G29 P150811 220811-s1.03458.03458.2.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+

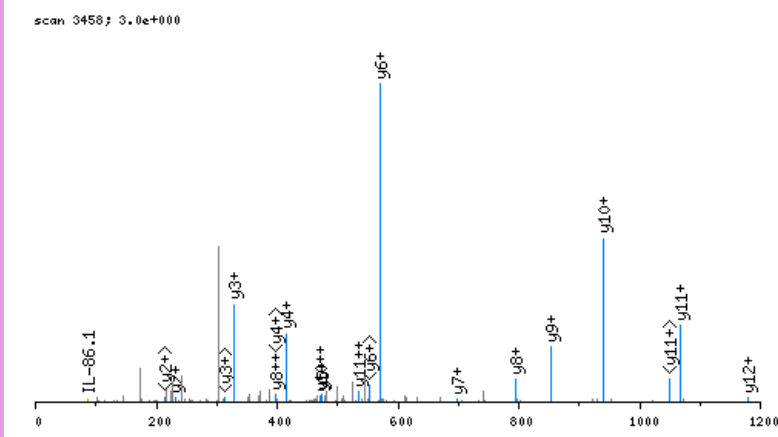
y + 2+ 3+

z + 2+ 3+

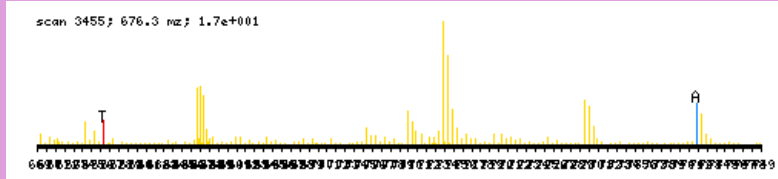
hide H₂O/NH₃

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⁺
172.0610	1	E 13		
285.1451	2	I 12	1180.6075	590.8076
413.2036	3	Q 11	1067.5234	534.2656
500.2357	4	S 10	939.4648	470.2363
557.2571	5	G 9	852.4328	426.7203
654.3099	6	P 8	795.4113	398.2096
782.3685	7	Q 7	698.3586	349.6832
879.4212	8	P 6	570.3000	285.6539
936.4427	9	G 5	473.2472	237.1275
1023.4747	10	S 4	416.2258	208.6168
1120.5275	11	P 3	329.1937	165.1008
1177.5490	12	G 2	232.1410	116.5744
	13	R 1	175.1195	88.0637

N-term:+43.02

EKEEETTR, MH+ 1097.5539, m/z 549.2806
 H OS G25 P150811 220811-s1.02101.02101.2.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+

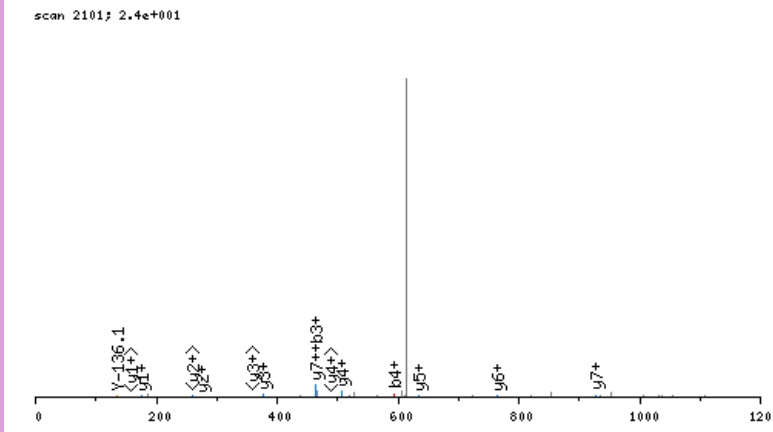
y + 2+ 3+

z + 2+ 3+

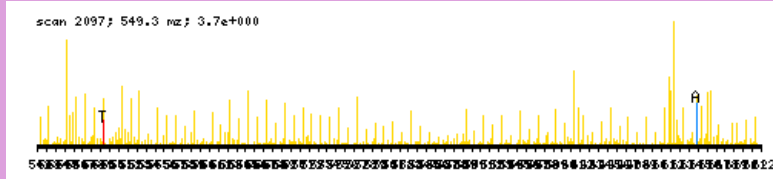
hide H₂O/NH₃

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⁺
172.0610	1	E 8		
334.2191	2	K 7	926.5007	463.7543
463.2617	3	E 6	764.3426	382.6752
592.3043	4	E 5	635.3000	318.1539
721.3469	5	E 4	506.2575	253.6326
822.3946	6	T 3	377.2149	189.1113
923.4422	7	T 2	276.1672	138.5875
	8	R 1	175.1195	88.0637

N-term:+43.02 K(2):+162.16

EKPAASTEPPQGSRPALGR, MH+ 1928.0414, m/z 643.3520
 H OS G26 P150811 220811-s1.02833.02833.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

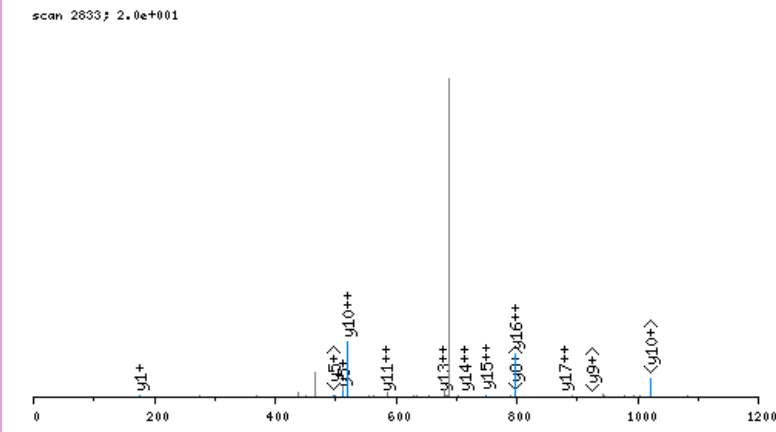
y + 2+ 3+

z + 2+ 3+

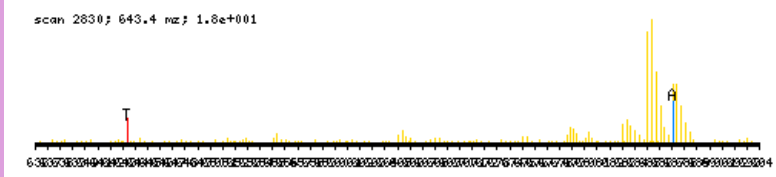
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 18		
334.2191	2	K 17	1756.9882	878.9980
431.2719	3	P 16	1594.8301	797.9190
502.3090	4	A 15	1497.7774	749.3926
573.3461	5	A 14	1426.7403	713.8740
660.3781	6	S 13	1355.7032	678.3555
761.4258	7	T 12	1268.6711	634.8395
890.4684	8	E 11	1167.6234	584.3156
987.5211	9	P 10	1038.5809	519.7943
1115.5797	10	Q 9	941.5281	471.2680
1172.6012	11	G 8	813.4695	407.2387
1259.6332	12	S 7	756.4480	378.7279
1415.7343	13	R 6	669.4160	335.2119
1512.7871	14	P 5	513.3149	257.1614
1583.8242	15	A 4	416.2621	208.6350
1696.9083	16	L 3	345.2250	173.1164
1753.9297	17	G 2	232.1410	116.5744
	18	R 1	175.1195	88.0637

N-term:+43.02 K(2):+162.16

EKTELIQKAK, MH+ 1331.8999, m/z 444.6382
 H OS G26 P150811 220811-s1.03116.03116.3.dta

scan 3116; 7.3e+001

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

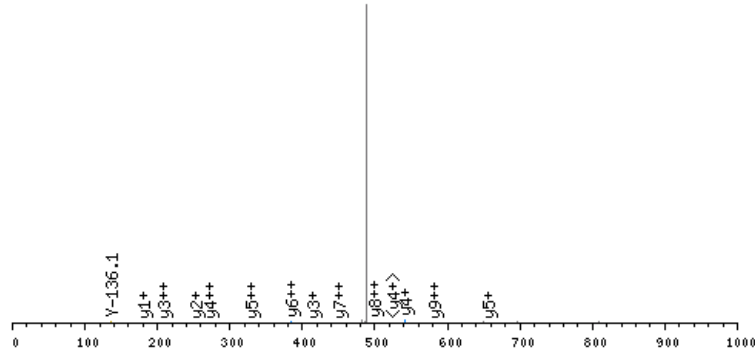
y + 2+ 3+

z + 2+ 3+

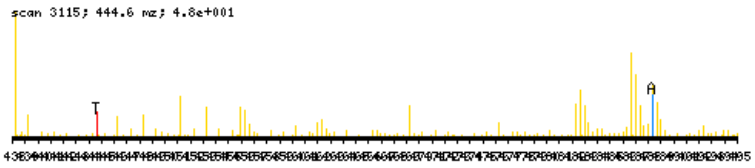
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 10		
334.2191	2	K 9	1160.8468	580.9273
435.2668	3	T 8	998.6887	499.8483
564.3094	4	E 7	897.6410	449.3244
677.3934	5	L 6	768.5984	384.8031
790.4775	6	I 5	655.5143	328.2611
918.5361	7	Q 4	542.4303	271.7191
1080.6942	8	K 3	414.3717	207.6898
1151.7313	9	A 2	252.2136	126.6107
	10	K 1	181.1765	91.0922

N-term:+43.02 K(2):+162.16
 K(8):+162.16 K(10):+162.16

EKTELIQKAKLAEQAER, MH+ 2111.2077, m/z 704.4074
 H OS G28 P150811 220811-s1.06235.06235.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

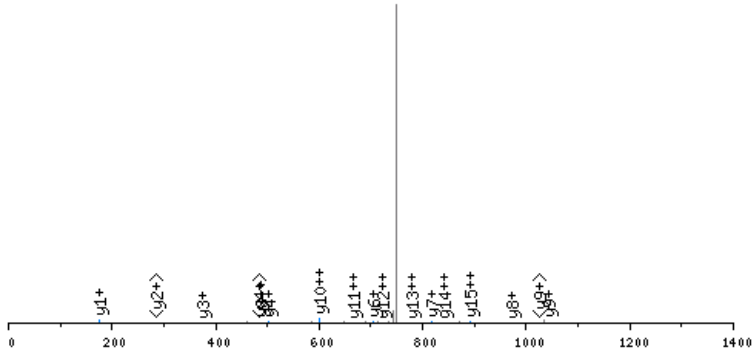
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

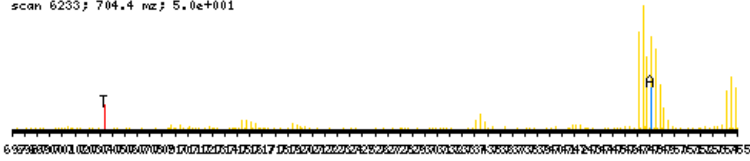
GO

scan 6235; 5.1e+001



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

scan 6233; 704.4 nz; 5.0e+001



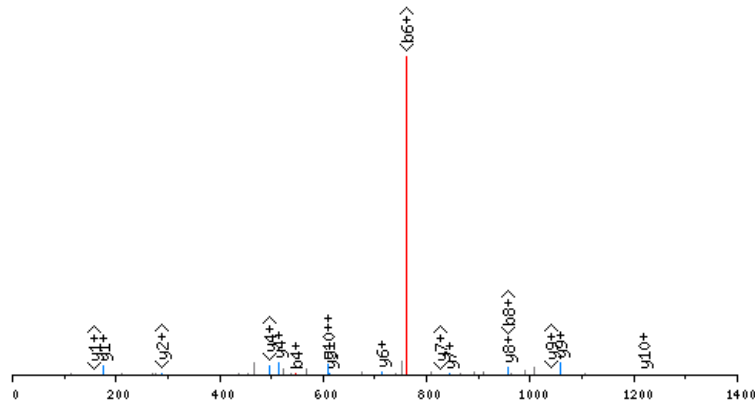
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
172.0610	1	E	17		
328.1873	2	K	16	1940.1545	970.5812
429.2350	3	T	15	1784.0282	892.5180
558.2776	4	E	14	1682.9806	841.9942
671.3616	5	L	13	1553.9380	777.4729
784.4457	6	I	12	1440.8539	720.9309
912.5043	7	Q	11	1327.7698	664.3888
1068.6306	8	K	10	1199.7113	600.3595
1139.6677	9	A	9	1043.5850	522.2964
1295.7940	10	K	8	972.5479	486.7778
1408.8780	11	L	7	816.4216	408.7147
1479.9152	12	A	6	703.3375	352.1727
1608.9578	13	E	5	632.3004	316.6541
1737.0163	14	Q	4	503.2578	252.1328
1808.0534	15	A	3	375.1992	188.1035
1937.0960	16	E	2	304.1621	152.5850
	17	R	1	175.1195	88.0637

N-term:+43.02 K(2):+156.13
 K(8):+156.13 K(10):+156.13

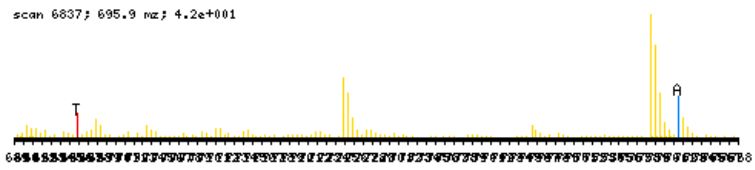
EKTLETVPLER, MH+ 1390.8006, m/z 695.9039
 H OS G25 P150811 220811-s1.06840.06840.2.dta

scan 6840; 2.0e+001



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

scan 6837; 695.9 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⁺
172.0610	1	E 11		
334.2191	2	K 10	1219.7474	610.3776
435.2668	3	T 9	1057.5893	529.2986
548.3508	4	L 8	956.5417	478.7747
677.3934	5	E 7	843.4576	422.2327
778.4411	6	T 6	714.4150	357.7114
877.5095	7	V 5	613.3673	307.1876
974.5623	8	P 4	514.2989	257.6534
1087.6463	9	L 3	417.2462	209.1270
1216.6889	10	E 2	304.1621	152.5850
	11	R 1	175.1195	88.0637

N-term:+43.02 K(2):+162.16

EKVPGDMEIER, MH+ 1378.7101, m/z 689.8587
 H OS G25 P150811 220811-s1.05779.05779.2.dta

scan 5779; 1.0e+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+

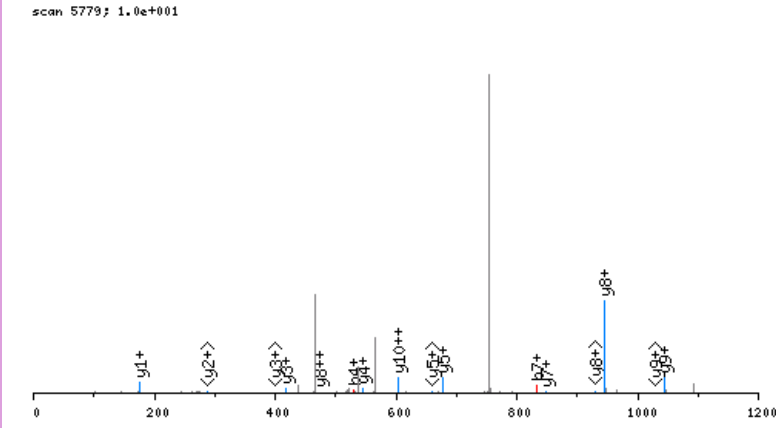
y + 2+ 3+

z + 2+ 3+

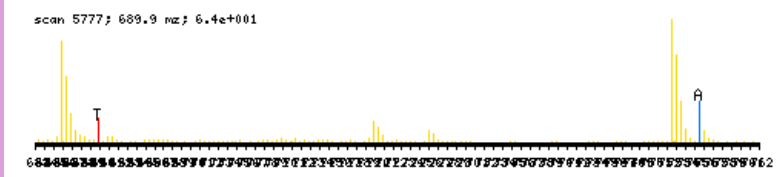
hide H₂O/NH₃

zoom 112-122

GO



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



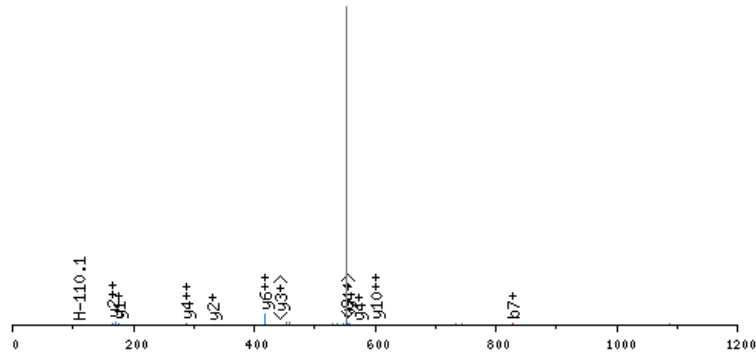
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 11		
334.2191	2	K 10	1207.6569	604.3324
433.2875	3	V 9	1045.4988	523.2533
530.3403	4	P 8	946.4304	473.7191
587.3617	5	G 7	849.3776	425.1927
702.3887	6	D 6	792.3562	396.6820
833.4292	7	M 5	677.3292	339.1685
962.4718	8	E 4	546.2888	273.6483
1075.5558	9	I 3	417.2462	209.1270
1204.5984	10	E 2	304.1621	152.5850
	11	R 1	175.1195	88.0637

N-term:+43.02 K(2):+162.16

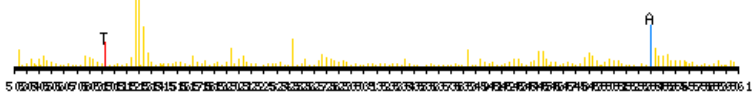
EKVPGDMEIERR, MH+ 1528.7794, m/z 510.2647
 H OS G27 P150811 220811-s1.05014.05014.3.dta

scan 5014; 5.7e+001



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

scan 5012; 510.3 m/z; 6.9e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 12		
328.1873	2	K 11	1357.7262	679.3670
427.2557	3	V 10	1201.5999	601.3039
524.3085	4	P 9	1102.5315	551.7697
581.3299	5	G 8	1005.4788	503.2433
696.3569	6	D 7	948.4573	474.7326
827.3974	7	M 6	833.4303	417.2191
956.4400	8	E 5	702.3899	351.6988
1069.5240	9	I 4	573.3473	287.1775
1198.5666	10	E 3	460.2632	230.6355
1354.6677	11	R 2	331.2206	166.1142
	12	R 1	175.1195	88.0637

N-term:+43.02 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+

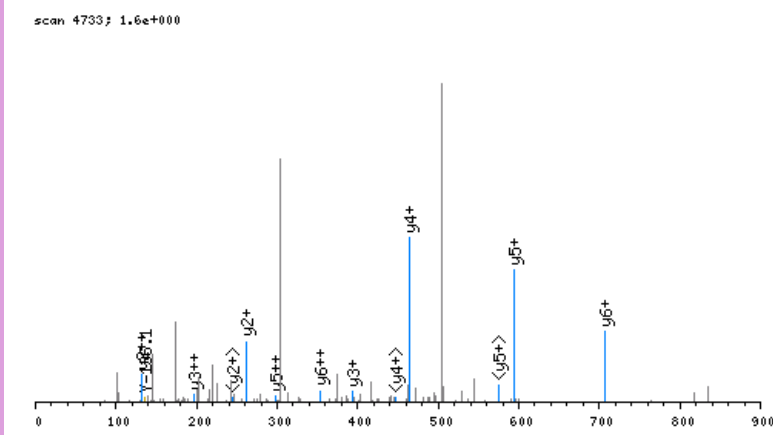
y + 2+ 3+

z + 2+ 3+

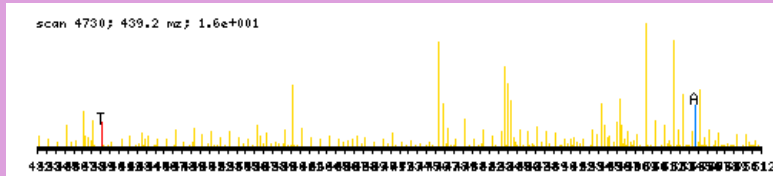
hide H₂O/NH₃

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⁺
172.0610	1	E 7		
285.1451	2	L 6	706.3558	353.6818
414.1877	3	E 5	593.2717	297.1398
485.2248	4	A 4	464.2291	232.6185
616.2652	5	M 3	393.1920	197.0999
703.2973	6	S 2	262.1515	131.5797
	7	R 1	175.1195	88.0637

N-term:+43.02

ELISNASDALDKIR, MH+ 1614.8703, m/z 538.9616
 H OS G26 P150811 220811-s1.05452.05452.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

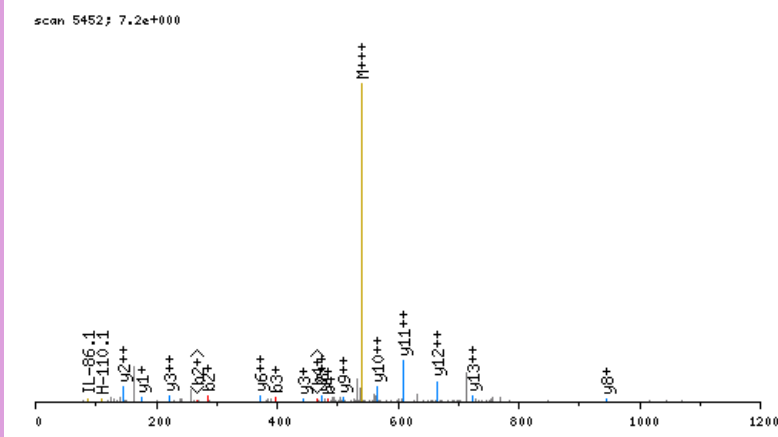
y + 2+ 3+

z + 2+ 3+

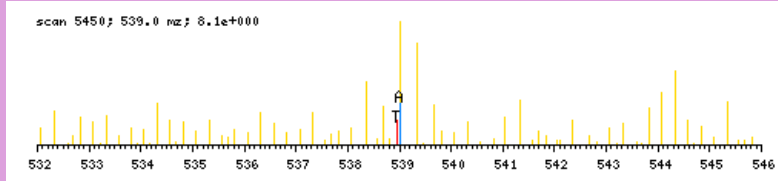
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 14		
285.1451	2	L 13	1443.8172	722.4125
398.2291	3	I 12	1330.7331	665.8705
485.2611	4	S 11	1217.6490	609.3284
599.3041	5	N 10	1130.6170	565.8124
670.3412	6	A 9	1016.5741	508.7909
757.3732	7	S 8	945.5370	473.2724
872.4002	8	D 7	858.5049	429.7564
943.4373	9	A 6	743.4780	372.2429
1056.5213	10	L 5	672.4409	336.7243
1171.5483	11	D 4	559.3568	280.1823
1327.6746	12	K 3	444.3299	222.6688
1440.7586	13	I 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+43.02 K(12):+156.13

ELSADYLR, MH+ 1008.5002, m/z 504.7537
 H OS G29 P150811 220811-s1.05726.05726.2.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+

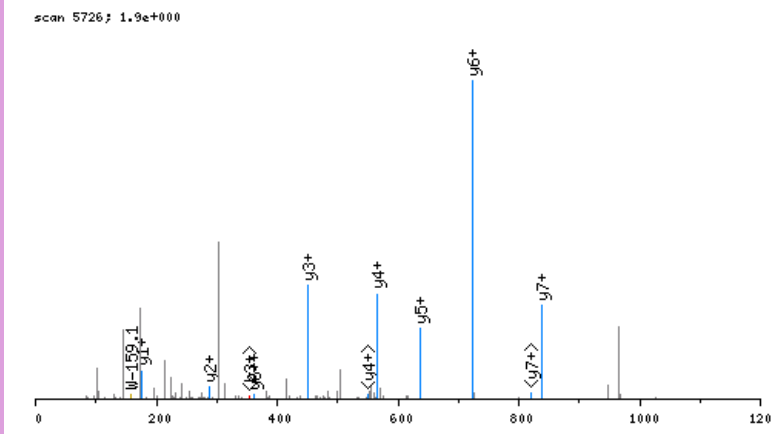
y + 2+ 3+

z + 2+ 3+

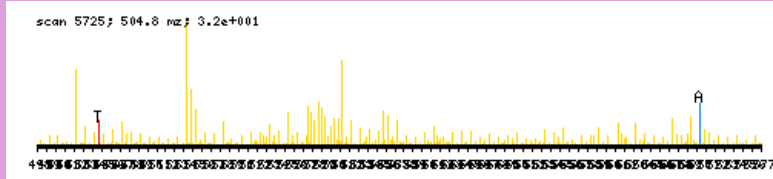
hide H₂O/NH₃

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⁺
172.0610	1	E 8		
285.1451	2	L 7	837.4470	419.2274
372.1771	3	S 6	724.3630	362.6854
443.2142	4	A 5	637.3310	319.1694
558.2411	5	D 4	566.2938	283.6508
721.3045	6	Y 3	451.2669	226.1374
834.3885	7	L 2	288.2036	144.6057
	8	R 1	175.1195	88.0637

N-term:+43.02

ELSESVQR, MH+ 989.4904, m/z 495.2488
 H OS G29 P150811 220811-s1.03963.03963.2.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+

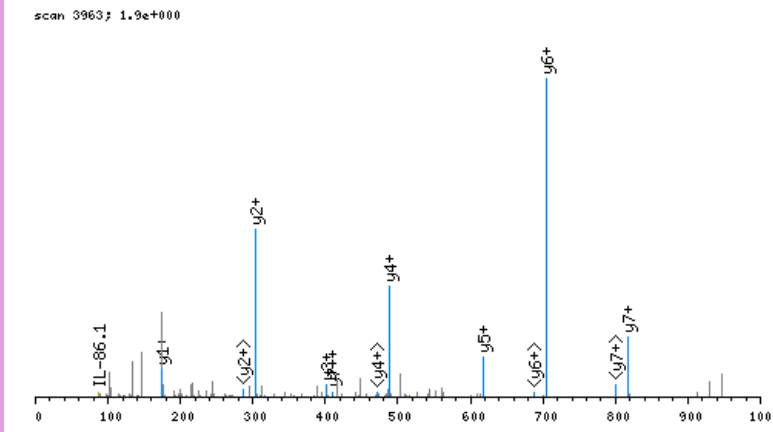
y + 2+ 3+

z + 2+ 3+

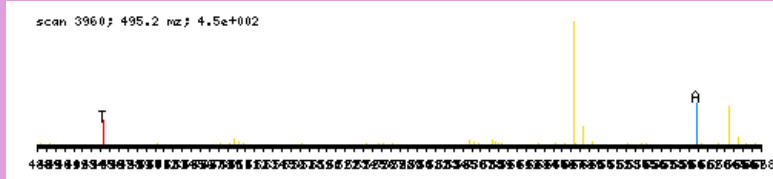
hide H₂O/NH₃

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⁺
172.0610	1	E 8		
285.1451	2	L 7	818.4372	409.7225
372.1771	3	S 6	705.3531	353.1805
501.2197	4	E 5	618.3211	309.6645
588.2517	5	S 4	489.2785	245.1432
687.3201	6	V 3	402.2465	201.6272
815.3787	7	Q 2	303.1781	152.0930
	8	R 1	175.1195	88.0637

N-term:+43.02

ELSGEYVGCDEPQR, MH+ 1737.7390, m/z 579.9178
 H OS G29 P150811 220811-s1.04766.04766.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

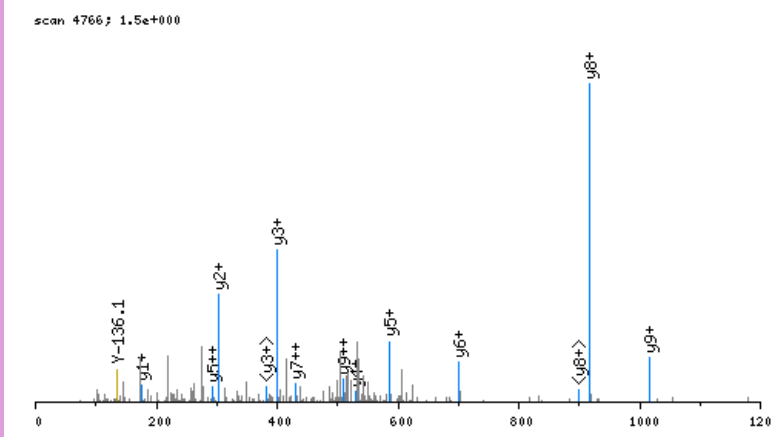
y + 2+ 3+

z + 2+ 3+

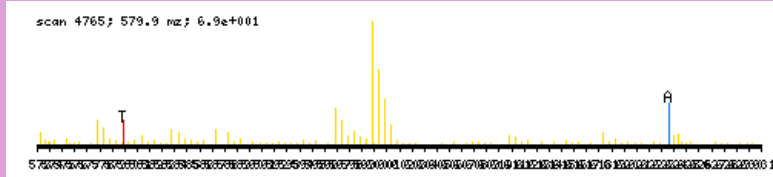
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 15		
285.1451	2	L 14	1566.6858	783.8468
372.1771	3	S 13	1453.6017	727.3048
429.1985	4	G 12	1366.5697	683.7888
558.2411	5	E 11	1309.5482	655.2780
721.3045	6	Y 10	1180.5056	590.7567
820.3729	7	V 9	1017.4423	509.2251
877.3943	8	G 8	918.3739	459.6909
1037.4249	9	C 7	861.3524	431.1801
1152.4519	10	D 6	701.3218	351.1648
1209.4734	11	G 5	586.2949	293.6514
1338.5159	12	E 4	529.2734	265.1406
1435.5687	13	P 3	400.2308	200.6193
1563.6273	14	Q 2	303.1781	152.0930
	15	R 1	175.1195	88.0637

N-term:+43.02 C(9):+160.03

ELVEVLKR, MH+ 1061.6783, m/z 531.3428
 H OS G25 P150811 220811-s1.08204.08204.2.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+

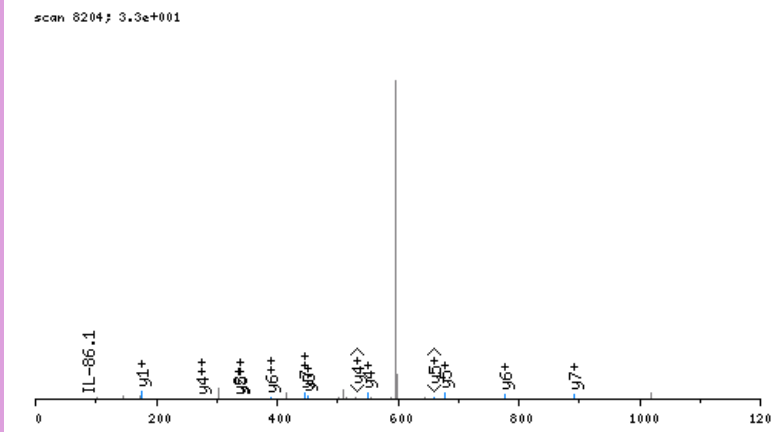
y + 2+ 3+

z + 2+ 3+

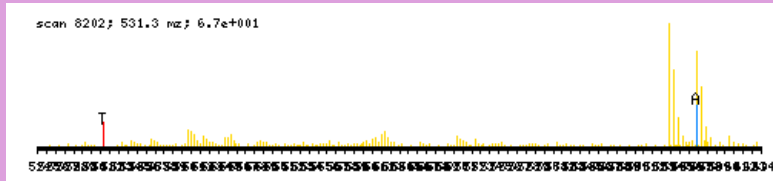
hide H₂O/NH₃

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⁺
172.0610	1	E 8		
285.1451	2	L 7	890.6251	445.8165
384.2135	3	V 6	777.5411	389.2745
513.2561	4	E 5	678.4727	339.7402
612.3245	5	V 4	549.4301	275.2190
725.4085	6	L 3	450.3617	225.6847
887.5666	7	K 2	337.2776	169.1427
	8	R 1	175.1195	88.0637

N-term:+43.02 K(7):+162.16

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

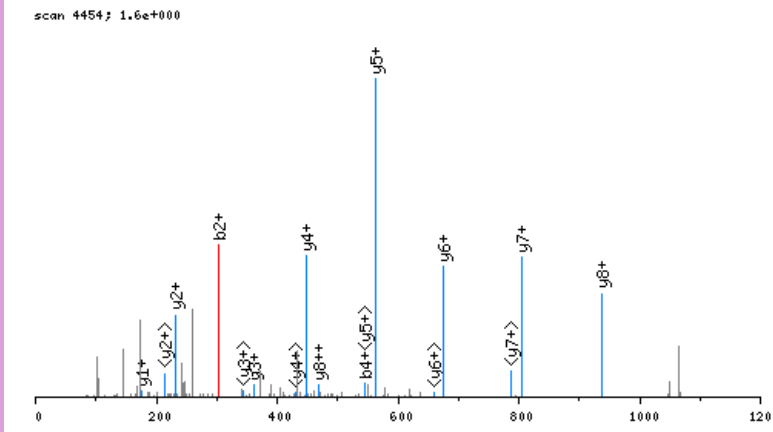
y + 2+ 3+

z + 2+ 3+

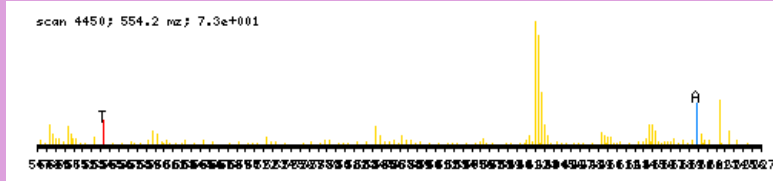
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 9		
303.1015	2	M 8	936.4097	468.7087
432.1441	3	E 7	805.3692	403.1885
545.2281	4	L 6	676.3266	338.6672
660.2551	5	D 5	563.2425	282.1252
747.2871	6	S 4	448.2156	224.6117
876.3297	7	E 3	361.1836	181.0957
933.3512	8	G 2	232.1410	116.5744
	9	R 1	175.1195	88.0637

N-term:+43.02

EMTSTSLKR, MH+ 1122.5829, m/z 561.7951
 H OS G25 P150811 220811-s1.04428.04428.2.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+

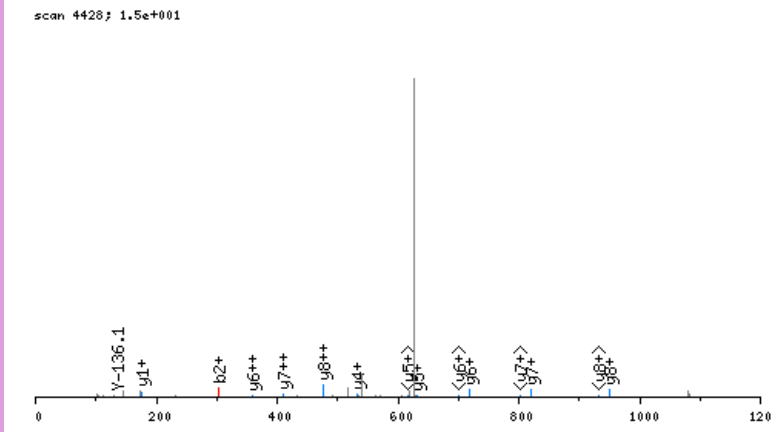
y + 2+ 3+

z + 2+ 3+

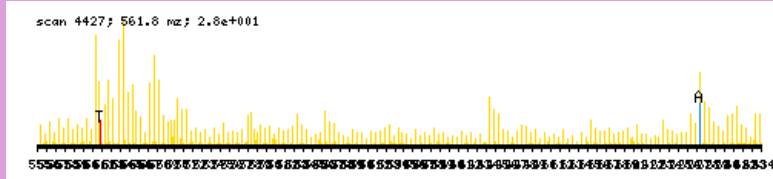
hide H₂O/NH₃

zoom 112-122

GO



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



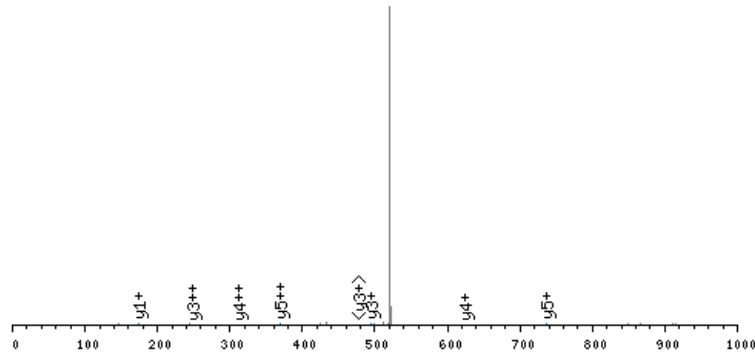
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E	9	
303.1015	2	M	8	951.5298 476.2688
404.1492	3	T	7	820.4893 410.7486
491.1812	4	S	6	719.4416 360.2247
592.2289	5	T	5	632.4096 316.7087
679.2609	6	S	4	531.3619 266.1849
792.3450	7	L	3	444.3299 222.6688
948.4713	8	K	2	331.2458 166.1268
	9	R	1	175.1195 88.0637

N-term:+43.02 K(8):+156.13

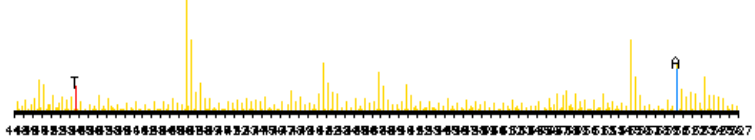
ENEYKR, MH+ 908.4478, m/z 454.7275
 H OS G25 P150811 220811-s1.02458.02458.2.dta

scan 2458; 4.1e+001



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

scan 2457; 454.7 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⁺
172.0610	1	E 6		
286.1039	2	N 5	737.3946	369.2012
415.1465	3	E 4	623.3517	312.1798
578.2098	4	Y 3	494.3091	247.6585
734.3361	5	K 2	331.2458	166.1268
	6	R 1	175.1195	88.0637

N-term:+43.02 K(5):+156.13

ENQLTKSVEER, MH+ 1402.7178, m/z 701.8626
 H OS G25 P150811 220811-s1.05346.05346.2.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+

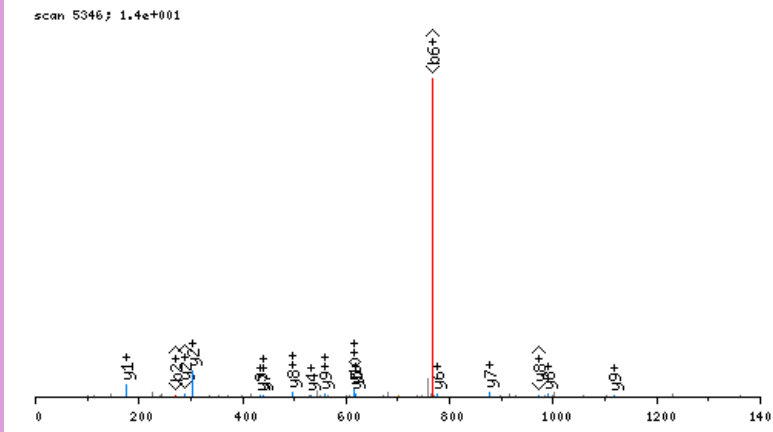
y + 2+ 3+

z + 2+ 3+

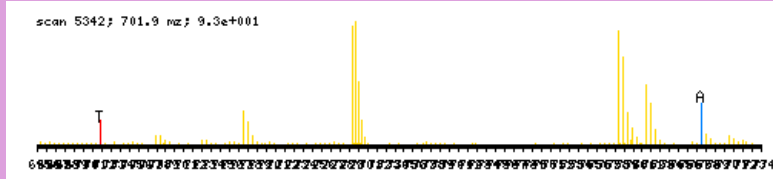
hide H₂O/NH₃

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⁺
172.0610	1	E 11		
286.1039	2	N 10	1231.6647	616.3363
414.1625	3	Q 9	1117.6217	559.3148
527.2466	4	L 8	989.5632	495.2855
628.2942	5	T 7	876.4791	438.7435
784.4205	6	K 6	775.4314	388.2196
871.4526	7	S 5	619.3051	310.1565
970.5210	8	V 4	532.2731	266.6405
1099.5636	9	E 3	433.2047	217.1063
1228.6062	10	E 2	304.1621	152.5850
	11	R 1	175.1195	88.0637

N-term:+43.02 K(6):+156.13

X-range:

0 - 0

MassTol: Y-zoom:

0. 1.

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

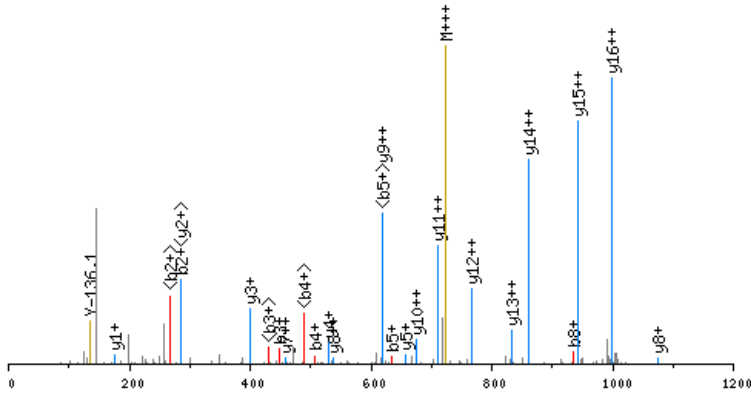
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

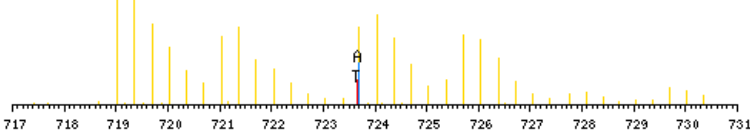
GO

scan 2881: 2.6e+000



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

scan 2880: 723.6 nz: 1.7e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 17		
286.1039	2	N 16	1997.8696	999.4387
449.1672	3	Y 15	1883.8267	942.4173
506.1887	4	G 14	1720.7634	860.8856
635.2313	5	E 13	1663.7419	832.3749
748.3154	6	L 12	1534.6993	767.8536
819.3525	7	A 11	1421.6153	711.3115
934.3794	8	D 10	1350.5782	675.7930
1094.4100	9	C 9	1235.5512	618.2795
1254.4406	10	C 8	1075.5206	538.2642
1355.4883	11	T 7	915.4900	458.2489
1511.6146	12	K 6	814.4423	407.7251
1639.6732	13	Q 5	658.3160	329.6619
1768.7158	14	E 4	530.2575	265.6326
1865.7685	15	P 3	401.2149	201.1113
1994.8111	16	E 2	304.1621	152.5850
	17	R 1	175.1195	88.0637

N-term: +43.02 C(9): +160.03
C(10): +160.03 K(12): +156.13

EPAGGGGVSSSTDPR, MH+ 1472.6617, m/z 491.5588
 H OS G29 P150811 220811-s1.02867.02867.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

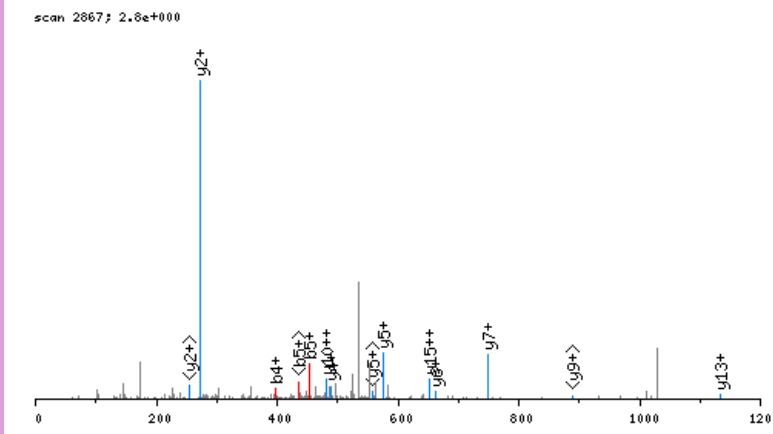
y + 2+ 3+

z + 2+ 3+

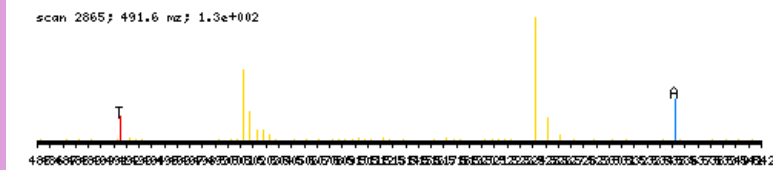
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 16		
269.1138	2	P 15	1301.6086	651.3082
340.1509	3	A 14	1204.5558	602.7818
397.1723	4	G 13	1133.5187	567.2633
454.1938	5	G 12	1076.4972	538.7525
511.2153	6	G 11	1019.4758	510.2418
568.2367	7	G 10	962.4543	481.7311
625.2582	8	G 9	905.4328	453.2203
724.3266	9	V 8	848.4114	424.7096
811.3586	10	S 7	749.3430	375.1754
898.3907	11	S 6	662.3109	331.6594
985.4227	12	S 5	575.2789	288.1434
1086.4704	13	T 4	488.2469	244.6274
1201.4973	14	D 3	387.1992	194.1035
1298.5501	15	P 2	272.1723	136.5900
	16	R 1	175.1195	88.0637

N-term:+43.02

EPAMEPETLEAR, MH+ 1414.6524, m/z 707.8299
 H OS G29 P150811 220811-s1.04928.04928.2.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+

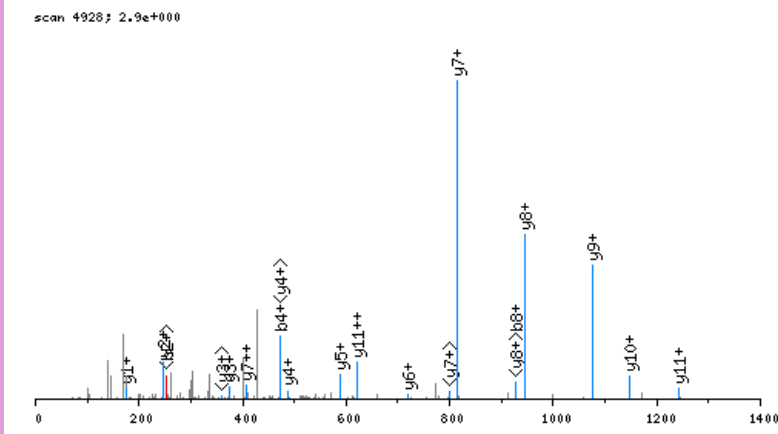
y + 2+ 3+

z + 2+ 3+

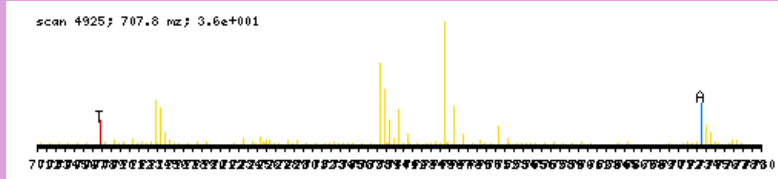
hide H₂O/NH₃

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⁺
172.0610	1	E 12		
269.1138	2	P 11	1243.5993	622.3035
340.1509	3	A 10	1146.5465	573.7772
471.1914	4	M 9	1075.5094	538.2586
600.2339	5	E 8	944.4689	472.7384
697.2867	6	P 7	815.4263	408.2171
826.3293	7	E 6	718.3735	359.6907
927.3770	8	T 5	589.3310	295.1694
1040.4610	9	L 4	488.2833	244.6455
1169.5036	10	E 3	375.1992	188.1035
1240.5408	11	A 2	246.1566	123.5822
	12	R 1	175.1195	88.0637

N-term:+43.02

EPCELQNELVSAEGR, MH+ 1772.8125, m/z 591.6090
 H OS G29 P150811 220811-s1.06147.06147.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

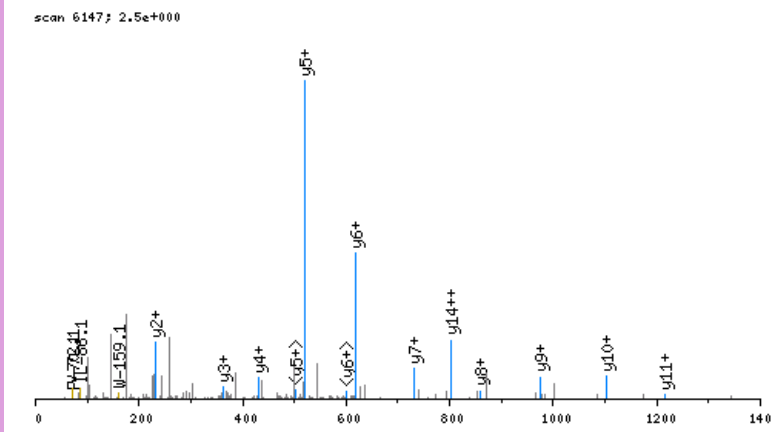
y + 2+ 3+

z + 2+ 3+

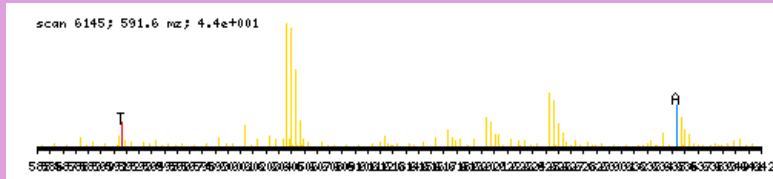
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 15		
269.1138	2	P 14	1601.7593	801.3836
429.1444	3	C 13	1504.7065	752.8572
558.1870	4	E 12	1344.6759	672.8419
671.2710	5	L 11	1215.6333	608.3206
799.3296	6	Q 10	1102.5493	551.7786
913.3725	7	N 9	974.4907	487.7493
1042.4151	8	E 8	860.4478	430.7278
1155.4992	9	L 7	731.4052	366.2065
1254.5676	10	V 6	618.3211	309.6645
1341.5996	11	S 5	519.2527	260.1303
1412.6367	12	A 4	432.2207	216.6142
1541.6793	13	E 3	361.1836	181.0957
1598.7008	14	G 2	232.1410	116.5744
	15	R 1	175.1195	88.0637

N-term:+43.02 C(3):+160.03

EPGPAAPSSGAPR, MH+ 1235.6021, m/z 618.3047
 H OS G29 P150811 220811-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+

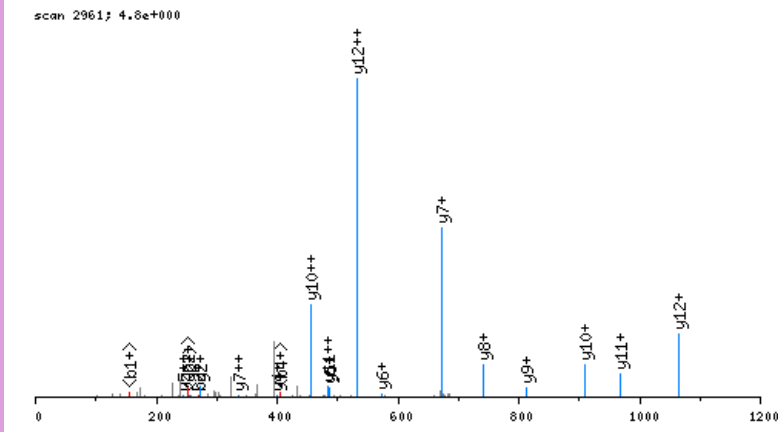
y + 2+ 3+

z + 2+ 3+

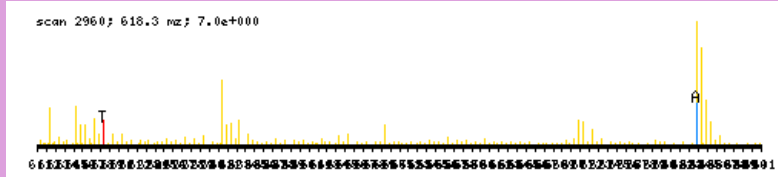
hide H₂O/NH₃

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⁺
172.0610	1	E 13		
269.1138	2	P 12	1064.5489	532.7784
326.1352	3	G 11	967.4961	484.2520
423.1880	4	P 10	910.4747	455.7412
494.2251	5	A 9	813.4219	407.2149
565.2622	6	A 8	742.3848	371.6963
662.3150	7	P 7	671.3477	336.1777
749.3470	8	S 6	574.2949	287.6514
836.3790	9	S 5	487.2629	244.1353
893.4005	10	G 4	400.2308	200.6193
964.4376	11	A 3	343.2094	172.1086
1061.4904	12	P 2	272.1723	136.5900
	13	R 1	175.1195	88.0637

N-term:+43.02

EPGPDGPAAPGPAAIR, MH+ 1514.7603, m/z 505.5916
 H OS G29 P150811 220811-s1.04321.04321.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

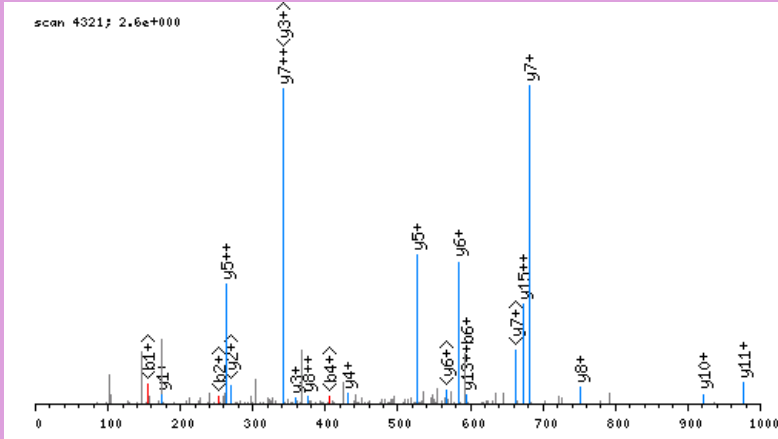
y + 2+ 3+

z + 2+ 3+

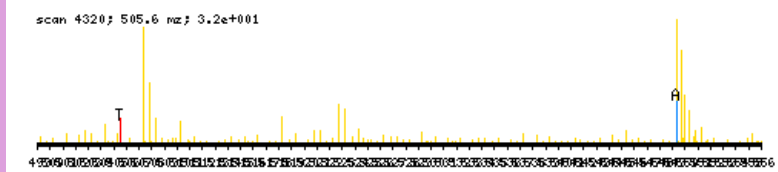
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 16		
269.1138	2	P 15	1343.7072	672.3575
326.1352	3	G 14	1246.6544	623.8311
423.1880	4	P 13	1189.6329	595.3204
538.2149	5	D 12	1092.5802	546.7940
595.2364	6	G 11	977.5532	489.2805
692.2892	7	P 10	920.5318	460.7698
763.3263	8	A 9	823.4790	412.2434
834.3634	9	A 8	752.4419	376.7249
931.4161	10	P 7	681.4048	341.2063
988.4376	11	G 6	584.3520	292.6799
1085.4904	12	P 5	527.3306	264.1692
1156.5275	13	A 4	430.2778	215.6428
1227.5646	14	A 3	359.2407	180.1243
1340.6487	15	I 2	288.2036	144.6057
	16	R 1	175.1195	88.0637

N-term:+43.02

EPKAPCPAAVPSEER, MH+ 1713.8694, m/z 571.9613
 H OS G24 P150811 220811-s1.03224.03224.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

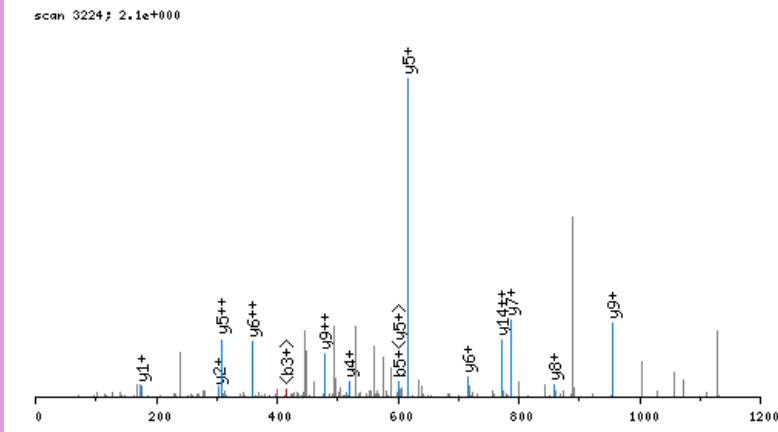
y + 2+ 3+

z + 2+ 3+

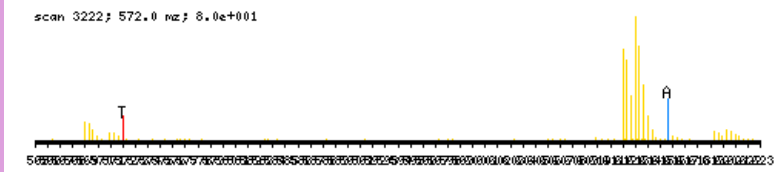
hide H₂O/NH₃

zoom 112-122

GO



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



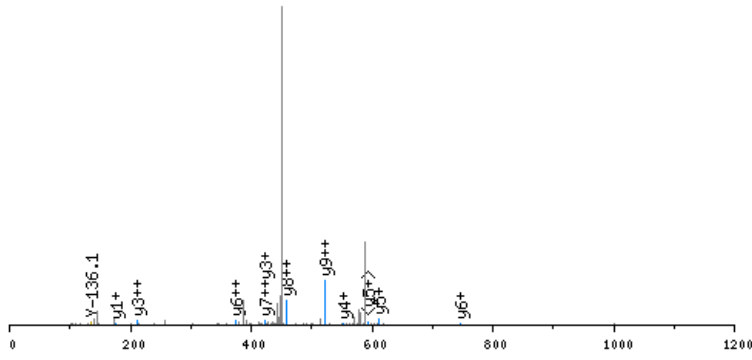
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
172.0610	1	E	15		
269.1138	2	P	14	1542.8162	771.9120
431.2719	3	K	13	1445.7635	723.3856
502.3090	4	A	12	1283.6054	642.3066
599.3617	5	P	11	1212.5682	606.7880
759.3923	6	C	10	1115.5155	558.2617
856.4451	7	P	9	955.4849	478.2464
927.4822	8	A	8	858.4321	429.7200
998.5193	9	A	7	787.3950	394.2014
1097.5877	10	V	6	716.3579	358.6829
1194.6405	11	P	5	617.2895	309.1487
1281.6725	12	S	4	520.2367	260.6223
1410.7151	13	E	3	433.2047	217.1063
1539.7577	14	E	2	304.1621	152.5850
	15	R	1	175.1195	88.0637

N-term:+43.02 K(3):+162.16
 C(6):+160.03

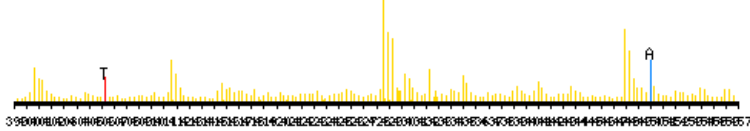
EQAVHGESKR, MH+ 1216.6499, m/z 406.2215
 H OS G27 P150811 220811-s1.02299.02299.3.dta

scan 2299; 6.3e+000



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

scan 2297; 406.2 m/z; 7.2e+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

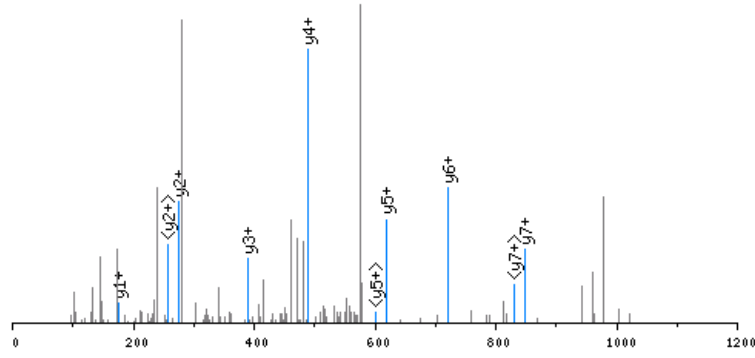
GO

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 10		
300.1196	2	Q 9	1045.5967	523.3023
371.1567	3	A 8	917.5381	459.2730
470.2251	4	V 7	846.5010	423.7544
607.2840	5	H 6	747.4326	374.2202
664.3055	6	G 5	610.3737	305.6908
793.3481	7	E 4	553.3522	277.1800
880.3801	8	S 3	424.3096	212.6587
1042.5382	9	K 2	337.2776	169.1427
	10	R 1	175.1195	88.0637

N-term:+43.02 K(9):+162.16

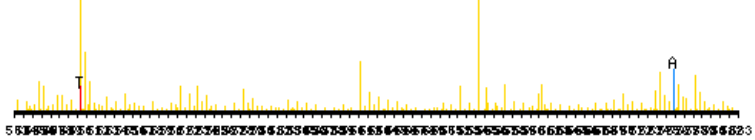
EQTETLTR, MH+ 1019.5009, m/z 510.2541
 H OS G29 P150811 220811-s1.03432.03432.2.dta

scan 3432; 8.1e-001



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

scan 3430; 510.3 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⁺
172.0610	1	E 8		
300.1196	2	Q 7	848.4478	424.7278
401.1672	3	T 6	720.3892	360.6985
530.2098	4	E 5	619.3415	310.1747
631.2575	5	T 4	490.2989	245.6534
744.3416	6	L 3	389.2512	195.1295
845.3893	7	T 2	276.1672	138.5875
	8	R 1	175.1195	88.0637

N-term:+43.02

ESDFYLR, MH+ 971.4474, m/z 486.2274
 H OS G29 P150811 220811-s1.05508.05508.2.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+

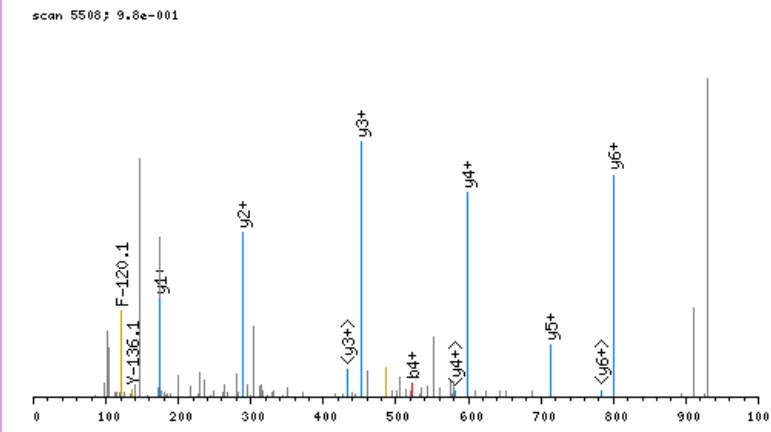
y + 2+ 3+

z + 2+ 3+

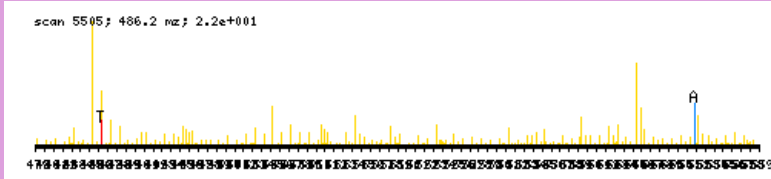
hide H₂O/NH₃

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⁺
172.0610	1	E 7		
259.0930	2	S 6	800.3943	400.7011
374.1200	3	D 5	713.3623	357.1850
521.1884	4	F 4	598.3353	299.6716
684.2517	5	Y 3	451.2669	226.1374
797.3358	6	L 2	288.2036	144.6057
	7	R 1	175.1195	88.0637

N-term:+43.02

ESEMSDPQLQEEER, MH+ 1716.7387, m/z 572.9177
 H OS G29 P150811 220811-s1.04396.04396.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

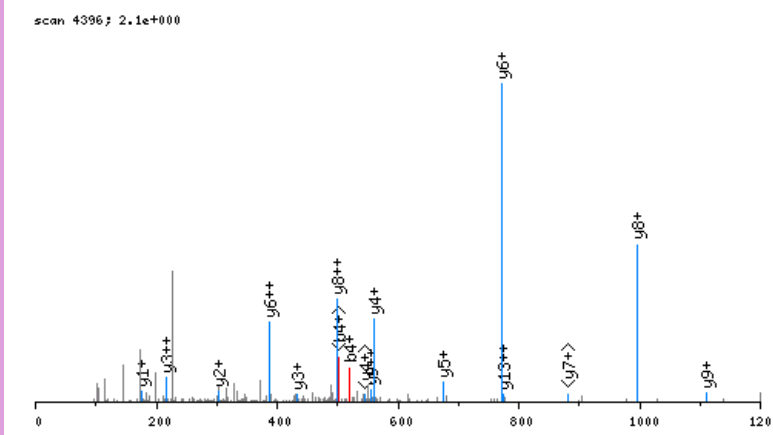
y + 2+ 3+

z + 2+ 3+

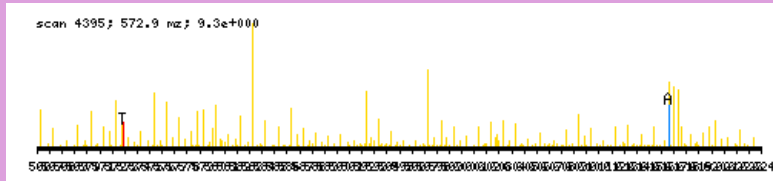
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 14		
259.0930	2	S 13	1545.6855	773.3467
388.1356	3	E 12	1458.6535	729.8307
519.1761	4	M 11	1329.6109	665.3094
606.2081	5	S 10	1198.5704	599.7891
721.2351	6	D 9	1111.5384	556.2731
818.2878	7	P 8	996.5114	498.7596
946.3464	8	Q 7	899.4587	450.2332
1043.3992	9	P 6	771.4001	386.2040
1156.4832	10	L 5	674.3473	337.6776
1284.5418	11	Q 4	561.2633	281.1355
1413.5844	12	E 3	433.2047	217.1063
1542.6270	13	E 2	304.1621	152.5850
	14	R 1	175.1195	88.0637

N-term:+43.02

ESGFTSKDTYLSEFNPR, MH+ 2055.9776, m/z 685.9974
 H OS G26 P150811 220811-s1.05734.05734.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

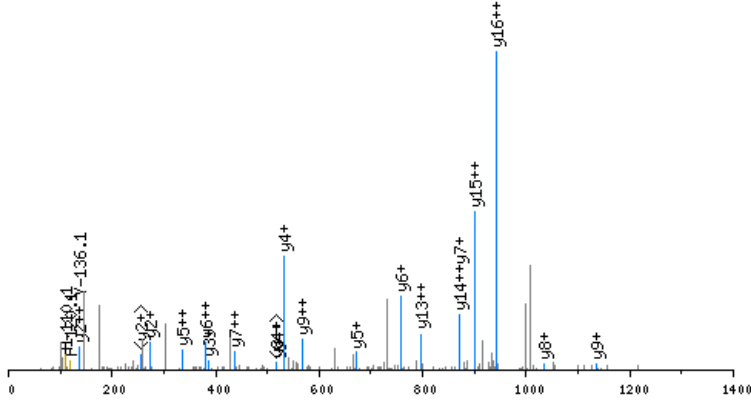
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

scan 5734; 2.0e+000



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

scan 5730; 686.0 m/z; 2.3e+001



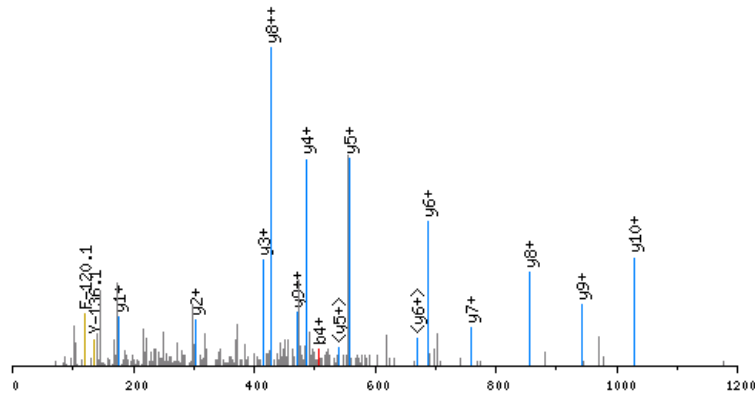
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
172.0610	1	E	17		
259.0930	2	S	16	1884.9245	942.9661
316.1145	3	G	15	1797.8924	899.4501
463.1829	4	F	14	1740.8710	870.9394
564.2306	5	T	13	1593.8026	797.4052
651.2626	6	S	12	1492.7549	746.8814
807.3889	7	K	11	1405.7229	703.3653
922.4158	8	D	10	1249.5966	625.3022
1023.4635	9	T	9	1134.5696	567.7887
1186.5269	10	Y	8	1033.5219	517.2649
1299.6109	11	L	7	870.4586	435.7332
1386.6429	12	S	6	757.3745	379.1912
1523.7019	13	H	5	670.3425	335.6752
1670.7703	14	F	4	533.2836	267.1457
1784.8132	15	N	3	386.2152	193.6115
1881.8660	16	P	2	272.1723	136.5900
	17	R	1	175.1195	88.0637

N-term:+43.02 K(7):+156.13

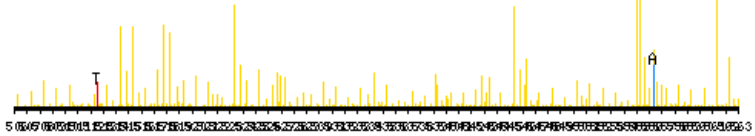
ESTFSSPAEAAALQR, MH+ 1535.7342, m/z 512.5829
 H OS G29 P150811 220811-s1.05432.05432.3.dta

scan 5432; 7.8e-001



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

scan 5430; 512.6 m/z; 9.0e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 14		
259.0930	2	S 13	1364.6810	682.8444
360.1407	3	T 12	1277.6490	639.3284
507.2091	4	F 11	1176.6013	588.8046
594.2411	5	S 10	1029.5329	515.2704
681.2732	6	S 9	942.5009	471.7543
778.3259	7	P 8	855.4688	428.2383
849.3630	8	A 7	758.4161	379.7120
978.4056	9	E 6	687.3790	344.1934
1049.4428	10	A 5	558.3364	279.6721
1120.4799	11	A 4	487.2993	244.1535
1233.5639	12	L 3	416.2621	208.6350
1361.6225	13	Q 2	303.1781	152.0930
	14	R 1	175.1195	88.0637

N-term:+43.02

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

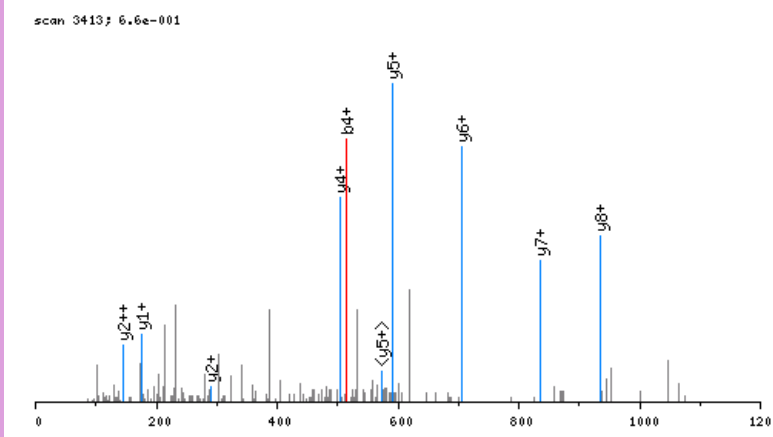
y + 2+ 3+

z + 2+ 3+

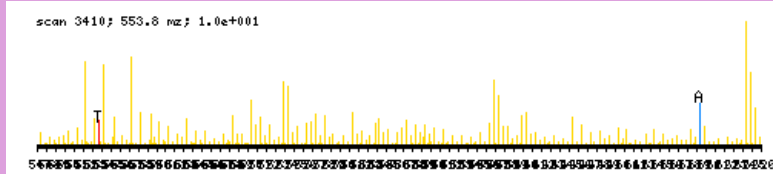
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 9		
273.1087	2	T 8	935.4434	468.2256
402.1513	3	E 7	834.3957	417.7018
515.2353	4	L 6	705.3531	353.1805
602.2674	5	S 5	592.2691	296.6385
689.2994	6	S 4	505.2370	253.1224
817.3580	7	Q 3	418.2050	209.6064
932.3849	8	D 2	290.1464	145.5771
	9	R 1	175.1195	88.0637

N-term:+43.02

ETGPAPLVAPPR, MH+ 1246.6796, m/z 623.8434
 H OS G29 P150811 220811-s1.04827.04827.2.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+

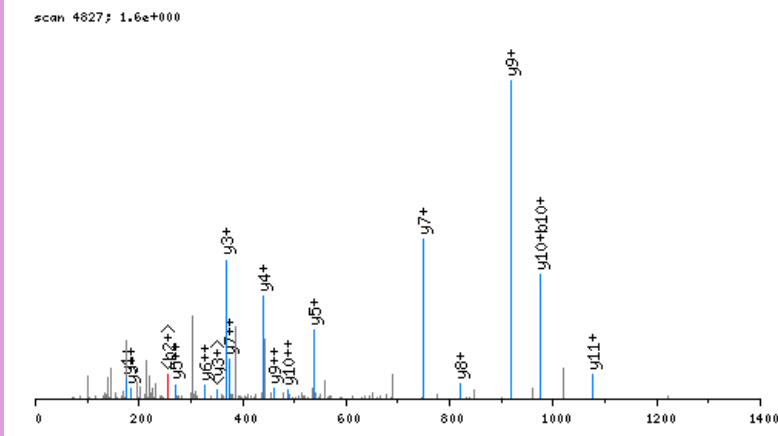
y + 2+ 3+

z + 2+ 3+

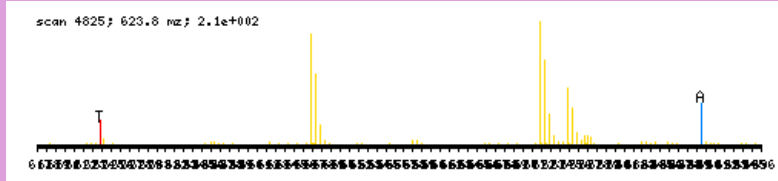
hide H₂O/NH₃

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⁺
172.0610	1	E 12		
273.1087	2	T 11	1075.6264	538.3171
330.1301	3	G 10	974.5787	487.7933
427.1829	4	P 9	917.5573	459.2825
498.2200	5	A 8	820.5045	410.7562
595.2728	6	P 7	749.4674	375.2376
708.3568	7	L 6	652.4146	326.7112
807.4253	8	V 5	539.3306	270.1692
878.4624	9	A 4	440.2621	220.6350
975.5151	10	P 3	369.2250	185.1164
1072.5679	11	P 2	272.1723	136.5900
	12	R 1	175.1195	88.0637

N-term:+43.02

ETGSDSDQLER, MH+ 1278.5450, m/z 639.7761
 H OS G29 P150811 220811-s1.03059.03059.2.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+

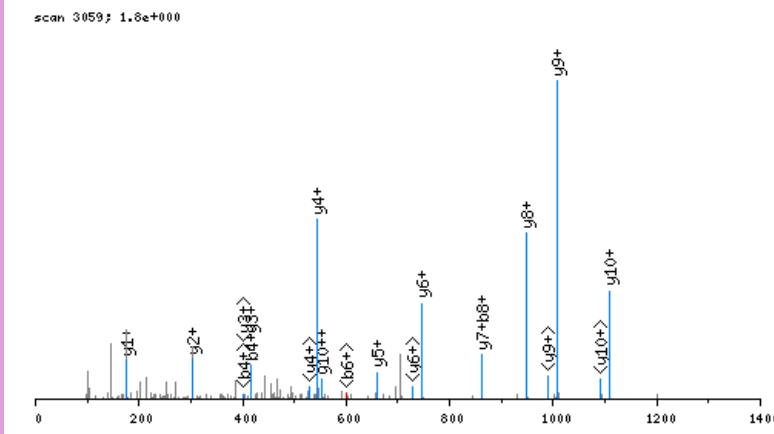
y + 2+ 3+

z + 2+ 3+

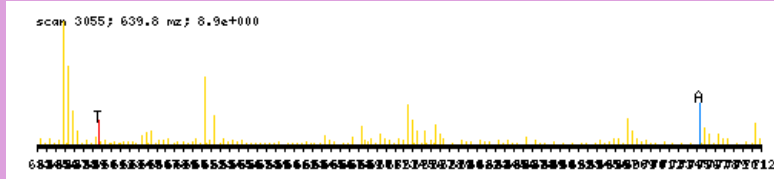
hide H₂O/NH₃

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⁺
172.0610	1	E	11		
273.1087	2	T	10	1107.4918	554.2498
330.1301	3	G	9	1006.4441	503.7260
417.1622	4	S	8	949.4227	475.2153
532.1891	5	D	7	862.3907	431.6992
619.2211	6	S	6	747.3637	374.1858
734.2481	7	D	5	660.3317	330.6698
862.3067	8	Q	4	545.3047	273.1563
975.3907	9	L	3	417.2462	209.1270
1104.4333	10	E	2	304.1621	152.5850
	11	R	1	175.1195	88.0637

N-term:+43.02

ETILEQQQR, MH+ 1058.5482, m/z 529.7777
 H OS G29 P150811 220811-s1.05246.05246.2.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+

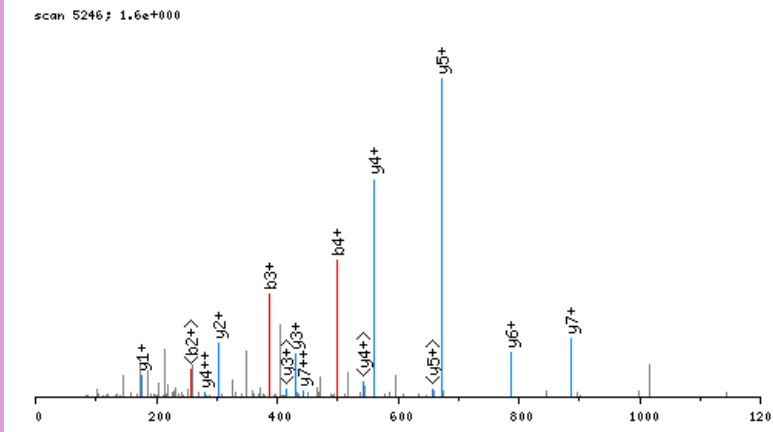
y + 2+ 3+

z + 2+ 3+

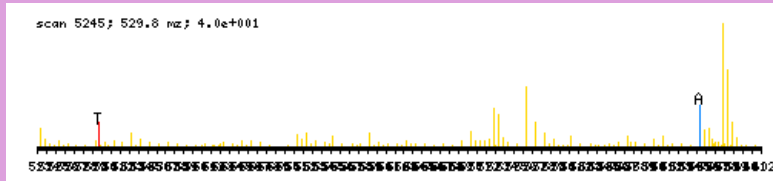
hide H₂O/NH₃

zoom 112-122

GO



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



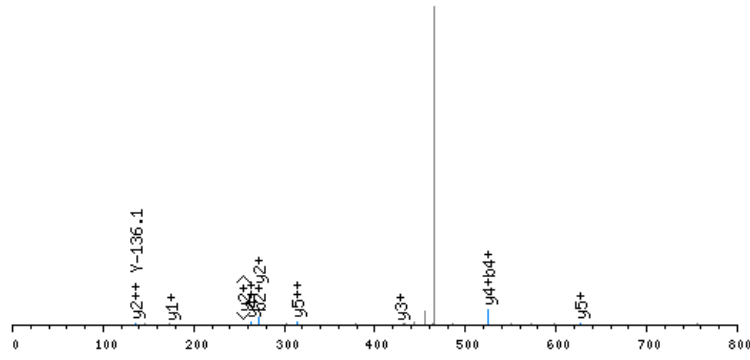
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 8		
273.1087	2	T 7	887.4951	444.2514
386.1927	3	I 6	786.4474	393.7276
499.2768	4	L 5	673.3633	337.1856
628.3194	5	E 4	560.2792	280.6435
756.3780	6	Q 3	431.2367	216.1222
884.4365	7	Q 2	303.1781	152.0930
	8	R 1	175.1195	88.0637

N-term:+43.02

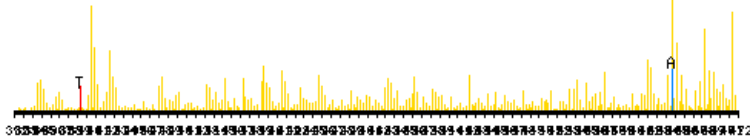
ETPKPR, MH+ 797.4522, m/z 399.2297
 H OS G25 P150811 220811-s1.02266.02266.2.dta

scan 2266; 1.5e+001



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

scan 2262; 399.2 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⁺
172.0610	1	E	6	
273.1087	2	T	5	626.3990 313.7034
370.1614	3	P	4	525.3513 263.1796
526.2877	4	K	3	428.2986 214.6532
623.3405	5	P	2	272.1723 136.5900
	6	R	1	175.1195 88.0637

N-term:+43.02 K(4):+156.13

ETPLDVLSR, MH+ 1071.5686, m/z 536.2880
 H OS G29 P150811 220811-s1.06329.06329.2.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+

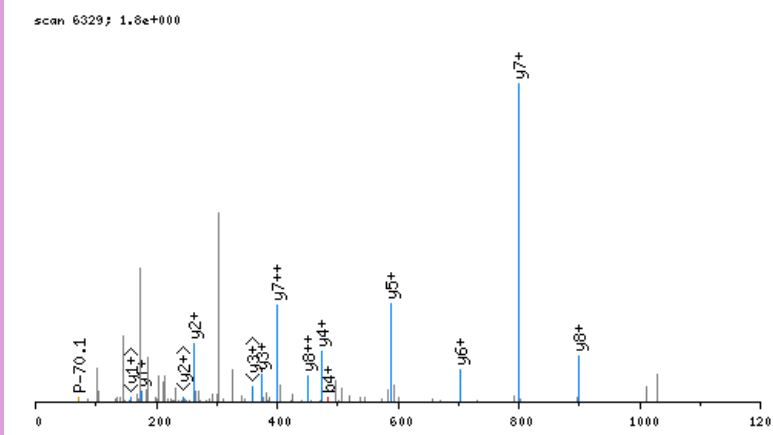
y + 2+ 3+

z + 2+ 3+

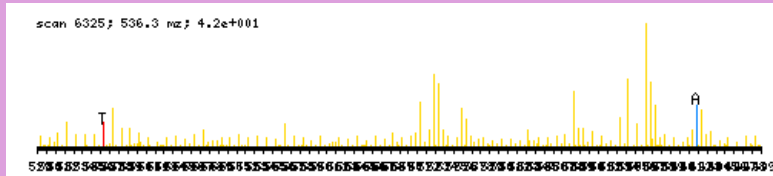
hide H₂O/NH₃

zoom 112-122

GO



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



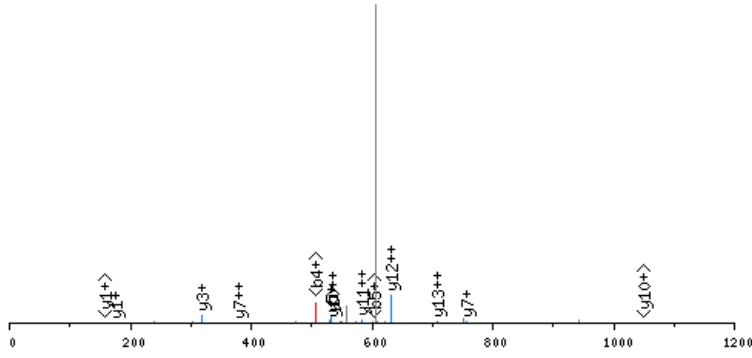
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 9		
273.1087	2	T 8	900.5155	450.7616
370.1614	3	P 7	799.4678	400.2378
483.2455	4	L 6	702.4150	351.7114
598.2724	5	D 5	589.3310	295.1694
697.3409	6	V 4	474.3040	237.6559
810.4249	7	L 3	375.2356	188.1217
897.4569	8	S 2	262.1515	131.5797
	9	R 1	175.1195	88.0637

N-term:+43.02

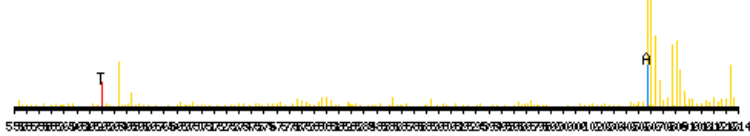
EVKPPGRRPQPDSSGR, MH+ 1686.8928, m/z 562.9691
 H OS G26 P150811 220811-s1.02781.02781.3.dta

scan 2781; 4.8e+001



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

scan 2780; 563.0 m/z; 2.5e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 15		
271.1294	2	V 14	1515.8396	758.4237
427.2557	3	K 13	1416.7712	708.8895
524.3085	4	P 12	1260.6449	630.8264
621.3612	5	P 11	1163.5921	582.3000
718.4140	6	P 10	1066.5394	533.7736
775.4355	7	G 9	969.4866	485.2472
931.5366	8	R 8	912.4652	456.7365
1028.5893	9	P 7	756.3640	378.6859
1156.6479	10	Q 6	659.3113	330.1596
1253.7007	11	P 5	531.2527	266.1303
1368.7276	12	D 4	434.1999	217.6039
1455.7597	13	S 3	319.1730	160.0904
1512.7811	14	G 2	232.1410	116.5744
	15	R 1	175.1195	88.0637

N-term:+43.02 K(3):+156.13

EVLATDTASQQER, MH+ 1489.7135, m/z 497.2427
 H OS G29 P150811 220811-s1.04856.04856.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

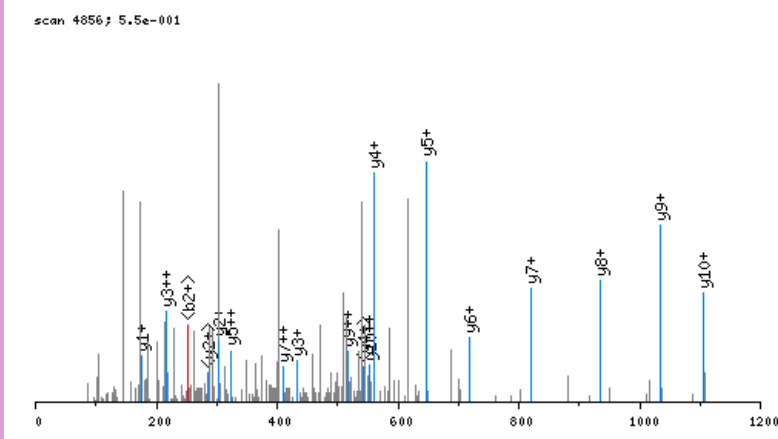
y + 2+ 3+

z + 2+ 3+

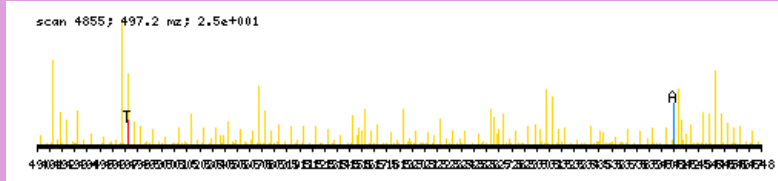
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 13		
271.1294	2	V 12	1318.6603	659.8341
384.2135	3	L 11	1219.5919	610.2998
455.2506	4	A 10	1106.5078	553.7578
556.2983	5	T 9	1035.4707	518.2393
671.3252	6	D 8	934.4230	467.7154
772.3729	7	T 7	819.3961	410.2019
843.4100	8	A 6	718.3484	359.6781
930.4420	9	S 5	647.3113	324.1596
1058.5006	10	Q 4	560.2792	280.6435
1186.5592	11	Q 3	432.2207	216.6142
1315.6018	12	E 2	304.1621	152.5850
	13	R 1	175.1195	88.0637

N-term:+43.02

EVQCGGAGFIPESRR, MH+ 1635.7437, m/z 545.9194
 H OS G29 P150811 220811-s1.05151.05151.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

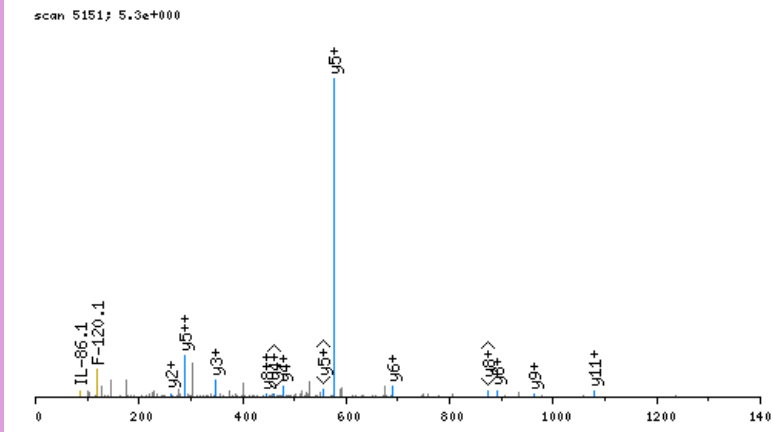
y + 2+ 3+

z + 2+ 3+

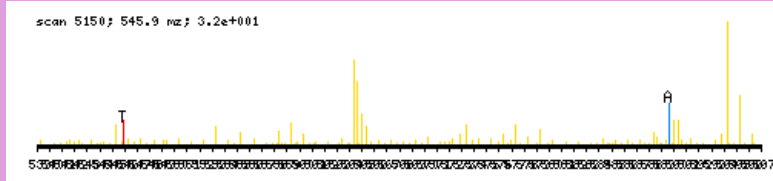
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 15		
271.1294	2	V 14	1464.6905	732.8492
399.1880	3	Q 13	1365.6221	683.3150
559.2186	4	C 12	1237.5635	619.2857
616.2400	5	G 11	1077.5329	539.2704
673.2615	6	G 10	1020.5114	510.7596
744.2986	7	A 9	963.4900	482.2489
801.3201	8	G 8	892.4529	446.7303
948.3885	9	F 7	835.4314	418.2196
1061.4726	10	I 6	688.3630	344.6854
1158.5253	11	P 5	575.2789	288.1434
1287.5679	12	E 4	478.2262	239.6170
1374.6000	13	S 3	349.1836	175.0957
1461.6320	14	S 2	262.1515	131.5797
	15	R 1	175.1195	88.0637

N-term:+43.02 C(4):+160.03

EVSQAASGTDGVR, MH+ 1318.6239, m/z 659.8156
 H OS G29 P150811 220811-s1.03558.03558.2.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+

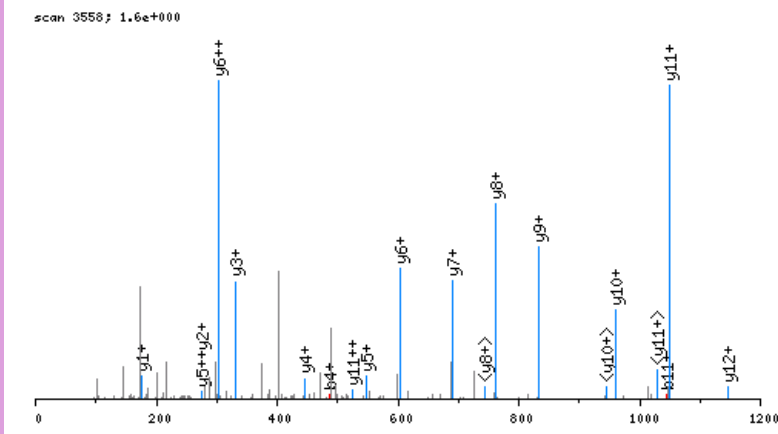
y + 2+ 3+

z + 2+ 3+

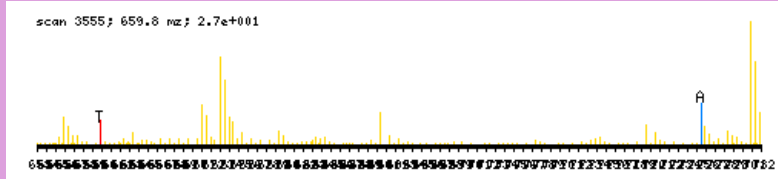
hide H₂O/NH₃

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⁺
172.0610	1	E 13		
271.1294	2	V 12	1147.5707	574.2893
358.1614	3	S 11	1048.5023	524.7551
486.2200	4	Q 10	961.4703	481.2391
557.2571	5	A 9	833.4117	417.2098
628.2942	6	A 8	762.3746	381.6912
715.3263	7	S 7	691.3375	346.1727
772.3477	8	G 6	604.3055	302.6566
873.3954	9	T 5	547.2840	274.1459
988.4224	10	D 4	446.2363	223.6221
1045.4438	11	G 3	331.2094	166.1086
1144.5122	12	V 2	274.1879	137.5979
	13	R 1	175.1195	88.0637

N-term:+43.02

FAKKGSAVPSDGQAR, MH+ 1673.8976, m/z 558.6374
 H OS G26 P150811 220811-s1.02979.02979.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

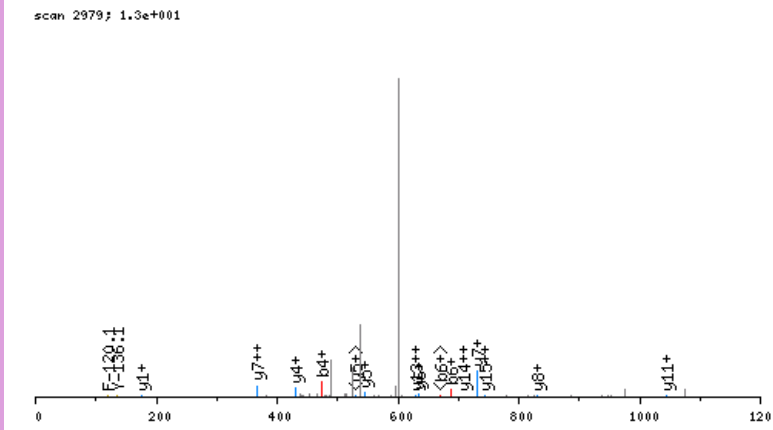
y + 2+ 3+

z + 2+ 3+

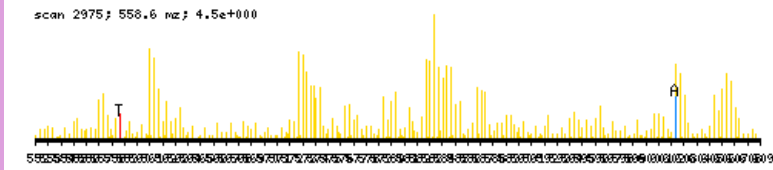
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
190.0868	1	F	16		
261.1239	2	A	15	1484.8186	742.9132
417.2502	3	K	14	1413.7815	707.3946
474.2717	4	G	13	1257.6552	629.3315
630.3980	5	K	12	1200.6337	600.8208
687.4195	6	G	11	1044.5074	522.7576
774.4515	7	S	10	987.4859	494.2469
845.4886	8	A	9	900.4539	450.7309
944.5570	9	V	8	829.4168	415.2123
1041.6098	10	P	7	730.3484	365.6781
1128.6418	11	S	6	633.2956	317.1517
1243.6687	12	D	5	546.2636	273.6357
1300.6902	13	G	4	431.2367	216.1222
1428.7488	14	Q	3	374.2152	187.6115
1499.7859	15	A	2	246.1566	123.5822
	16	R	1	175.1195	88.0637

N-term:+43.02 K(3):+156.13
 K(5):+156.13

FFGFPGPR, MH+ 966.4838, m/z 483.7455
 H OS G25 P150811 220811-s1.06516.06516.2.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+

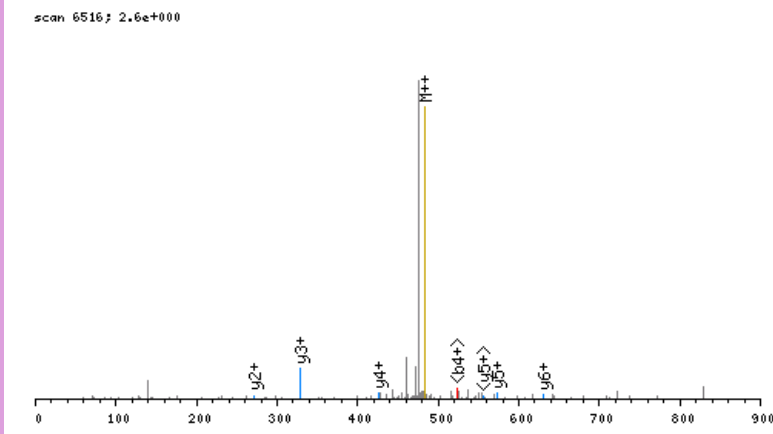
y + 2+ 3+

z + 2+ 3+

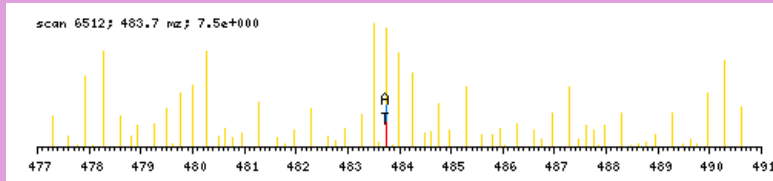
hide H₂O/NH₃

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⁺
190.0868	1	F 8		
337.1552	2	F 7	777.4048	389.2063
394.1767	3	G 6	630.3364	315.6721
541.2451	4	F 5	573.3149	287.1614
638.2979	5	P 4	426.2465	213.6272
695.3193	6	G 3	329.1937	165.1008
792.3721	7	P 2	272.1723	136.5900
	8	R 1	175.1195	88.0637

N-term:+43.02

FPAAAAAGAGR, MH+ 1001.5169, m/z 501.2621
 H OS G29 P150811 220811-s1.02649.02649.2.dta

scan 2649; 6.9e-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+

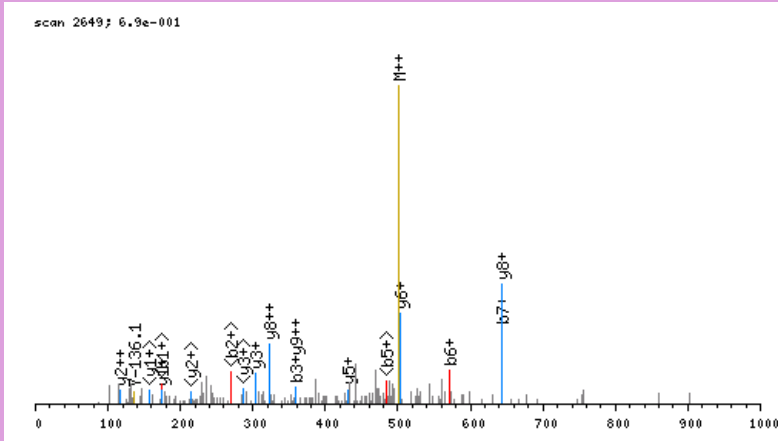
y + 2+ 3+

z + 2+ 3+

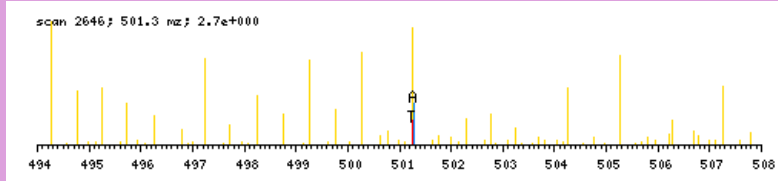
hide H₂O/NH₃

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⁺
190.0868	1	F	11		
287.1396	2	P	10	812.4379	406.7228
358.1767	3	A	9	715.3851	358.1965
429.2138	4	A	8	644.3480	322.6779
500.2509	5	A	7	573.3109	287.1594
571.2880	6	A	6	502.2738	251.6408
642.3251	7	A	5	431.2367	216.1222
699.3466	8	G	4	360.1995	180.6037
770.3837	9	A	3	303.1781	152.0930
827.4052	10	G	2	232.1410	116.5744
	11	R	1	175.1195	88.0637

N-term:+43.02

FQGADSQAGKSGSR, MH+ 1465.7036, m/z 489.2394
 H OS G25 P150811 220811-s1.03524.03524.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

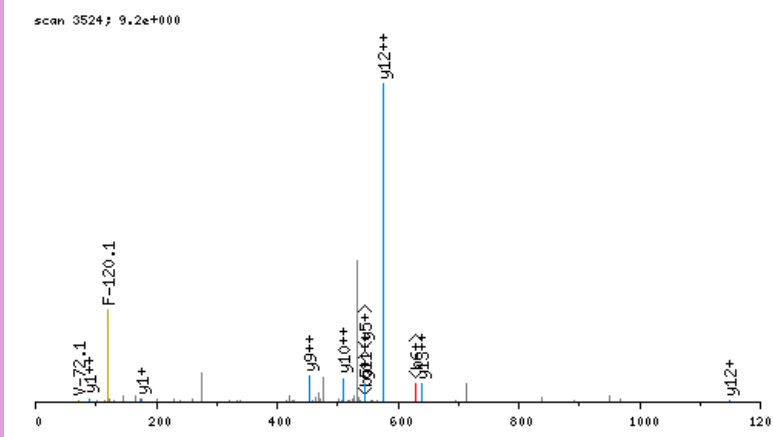
y + 2+ 3+

z + 2+ 3+

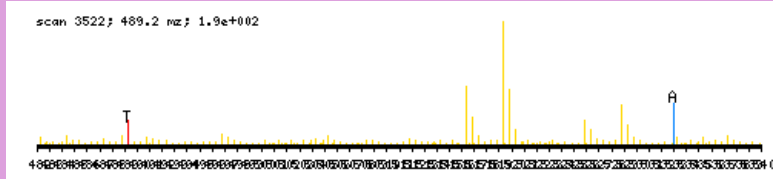
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
190.0868	1	F 14		
318.1454	2	Q 13	1276.6246	638.8162
375.1669	3	G 12	1148.5660	574.7869
446.2040	4	A 11	1091.5446	546.2762
561.2309	5	D 10	1020.5074	510.7576
648.2629	6	S 9	905.4805	453.2442
776.3215	7	Q 8	818.4485	409.7282
847.3586	8	A 7	690.3899	345.6989
904.3801	9	G 6	619.3528	310.1803
1060.5064	10	K 5	562.3313	281.6696
1147.5384	11	S 4	406.2050	203.6064
1204.5599	12	G 3	319.1730	160.0904
1291.5919	13	S 2	262.1515	131.5797
	14	R 1	175.1195	88.0637

N-term:+43.02 K(10):+156.13

FSWVSKDAR, MH+ 1165.6006, m/z 583.3040
 H OS G25 P150811 220811-s1.07799.07799.2.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+

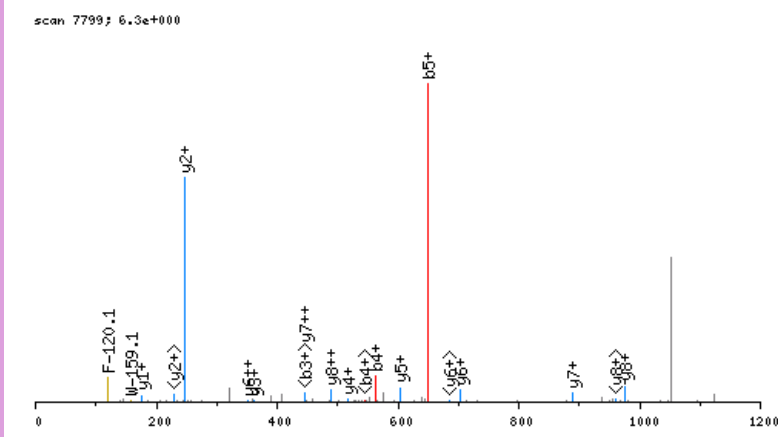
y + 2+ 3+

z + 2+ 3+

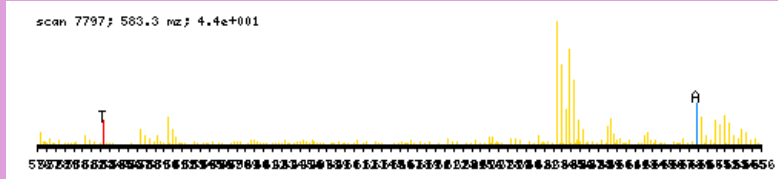
hide H₂O/NH₃

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⁺
190.0868	1	F	9	
277.1188	2	S	8	976.5216
463.1982	3	W	7	889.4896
562.2666	4	V	6	703.4103
649.2986	5	S	5	604.3419
805.4249	6	K	4	517.3099
920.4518	7	D	3	361.1836
991.4890	8	A	2	246.1566
	9	R	1	175.1195

N-term:+43.02 K(6):+156.13

GDEMDAMIPER, MH+ 1305.5455, m/z 653.2764
 H OS G29 P150811 220811-s1.04758.04758.2.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+

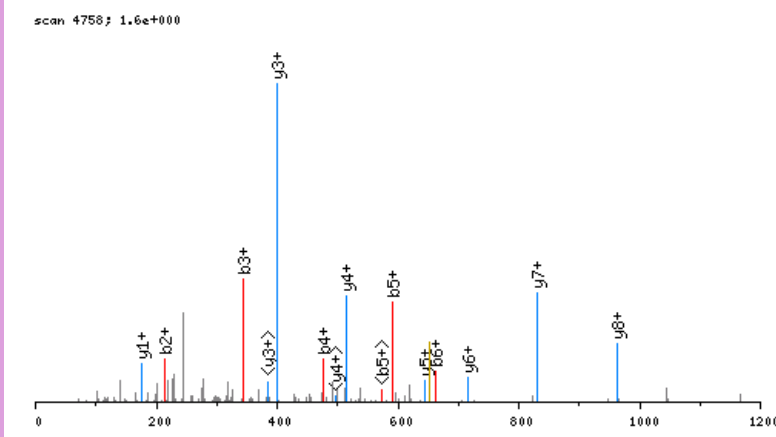
y + 2+ 3+

z + 2+ 3+

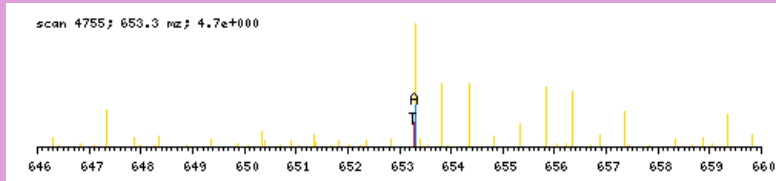
hide H₂O/NH₃

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⁺
100.0399	1	G 11		
215.0668	2	D 10	1206.5135	603.7607
344.1094	3	E 9	1091.4865	546.2472
475.1499	4	M 8	962.4439	481.7259
590.1768	5	D 7	831.4035	416.2056
661.2139	6	A 6	716.3765	358.6922
792.2544	7	M 5	645.3394	323.1736
905.3385	8	I 4	514.2989	257.6534
1002.3913	9	P 3	401.2149	201.1113
1131.4338	10	E 2	304.1621	152.5850
	11	R 1	175.1195	88.0637

N-term:+43.02

GDLSHIER, MH+ 968.4801, m/z 484.7437
 H OS G25 P150811 220811-s1.04343.04343.2.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+

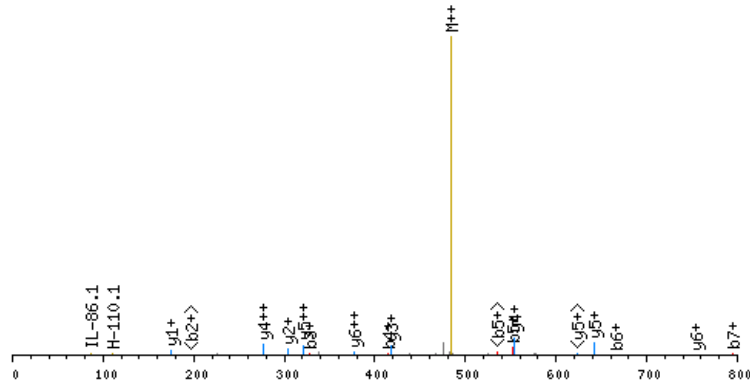
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

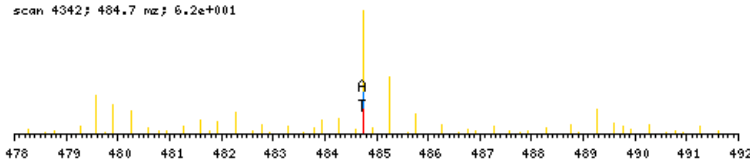
GO

scan 4343; 1.8e+001



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

scan 4342; 484.7 m/z; 6.2e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
100.0399	1	G 8		
215.0668	2	D 7	869.4481	435.2280
328.1509	3	L 6	754.4212	377.7145
415.1829	4	S 5	641.3371	321.1725
552.2418	5	H 4	554.3051	277.6564
665.3259	6	I 3	417.2462	209.1270
794.3685	7	E 2	304.1621	152.5850
	8	R 1	175.1195	88.0637

N-term:+43.02

GDREQLLQR, MH+ 1156.6075, m/z 578.8074
 H OS G25 P150811 220811-s1.03054.03054.2.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+

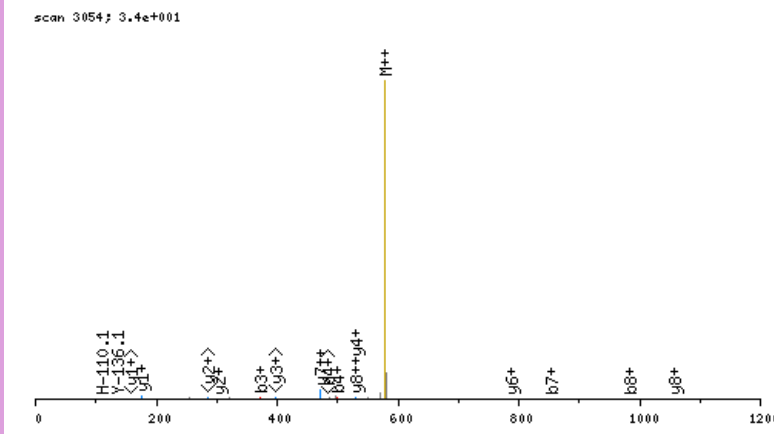
y + 2+ 3+

z + 2+ 3+

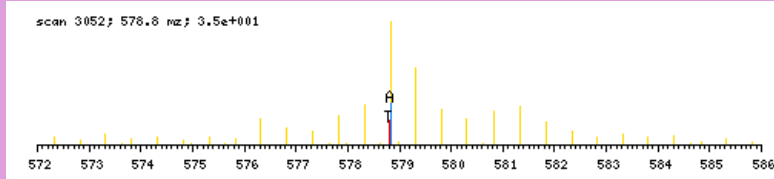
hide H₂O/NH₃

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⁺
100.0399	1	G	9	
215.0668	2	D	8	1057.5754 529.2916
371.1679	3	R	7	942.5485 471.7782
500.2105	4	E	6	786.4474 393.7276
628.2691	5	Q	5	657.4048 329.2063
741.3532	6	L	4	529.3462 265.1770
854.4372	7	L	3	416.2621 208.6350
982.4958	8	Q	2	303.1781 152.0930
	9	R	1	175.1195 88.0637

N-term:+43.02

GEKGRPGEPGLDGFPGPR, MH+ 1892.9619, m/z 631.6588
 H OS G25 P150811 220811-s1.06605.06605.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

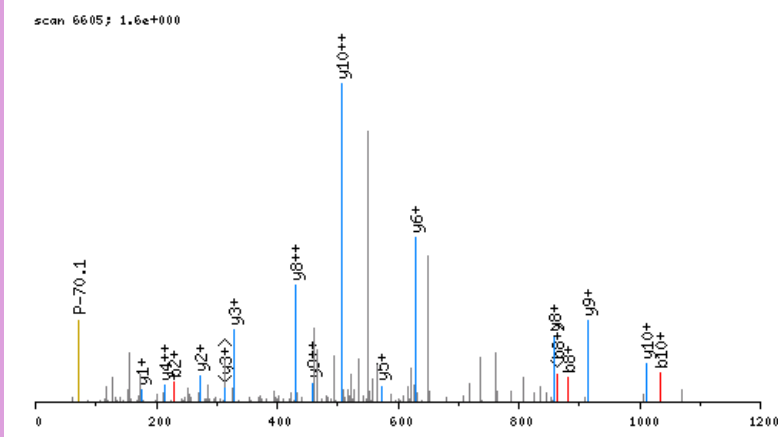
y + 2+ 3+

z + 2+ 3+

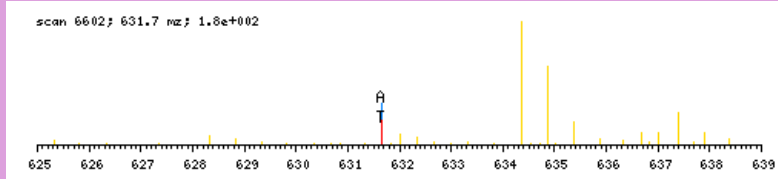
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
100.0399	1	G 18		
229.0825	2	E 17	1793.9299	897.4689
385.2088	3	K 16	1664.8873	832.9476
442.2302	4	G 15	1508.7610	754.8844
598.3313	5	R 14	1451.7395	726.3737
695.3841	6	P 13	1295.6384	648.3231
752.4056	7	G 12	1198.5857	599.7967
881.4482	8	E 11	1141.5642	571.2860
978.5009	9	P 10	1012.5216	506.7647
1035.5224	10	G 9	915.4688	458.2383
1148.6064	11	L 8	858.4474	429.7276
1263.6334	12	D 7	745.3633	373.1856
1320.6549	13	G 6	630.3364	315.6721
1467.7233	14	F 5	573.3149	287.1614
1564.7760	15	P 4	426.2465	213.6272
1621.7975	16	G 3	329.1937	165.1008
1718.8503	17	P 2	272.1723	136.5900
	18	R 1	175.1195	88.0637

N-term:+43.02 K(3):+156.13

GEQPIFSTR, MH+ 1076.5377, m/z 538.7725
 H OS G29 P150811 220811-s1.03832.03832.2.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+

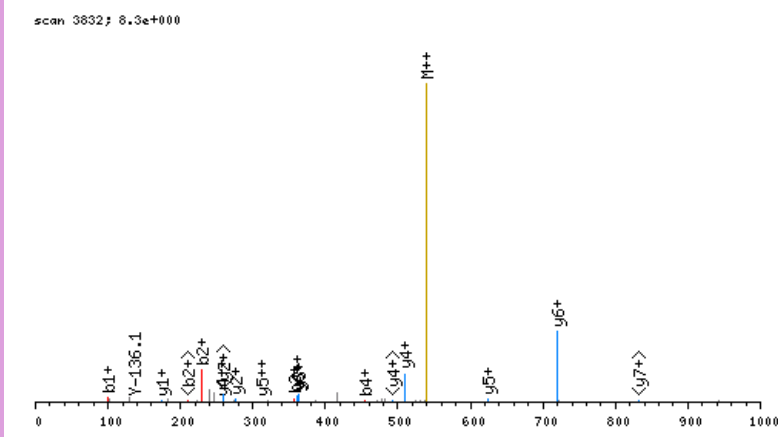
y + 2+ 3+

z + 2+ 3+

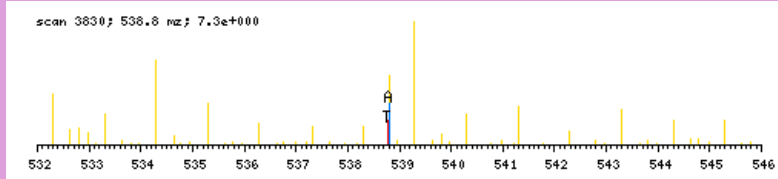
hide H₂O/NH₃

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⁺
100.0399	1	G	9	
229.0825	2	E	8	977.5056
357.1410	3	Q	7	848.4630
454.1938	4	P	6	720.4044
567.2779	5	I	5	623.3517
714.3463	6	F	4	510.2676
801.3783	7	S	3	363.1992
902.4260	8	T	2	276.1672
	9	R	1	175.1195

N-term:+43.02

GETGPAGPAGPIGPAGAR, MH+ 1574.7927, m/z 525.6024
 H OS G24 P150811 220811-s1.02953.02953.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

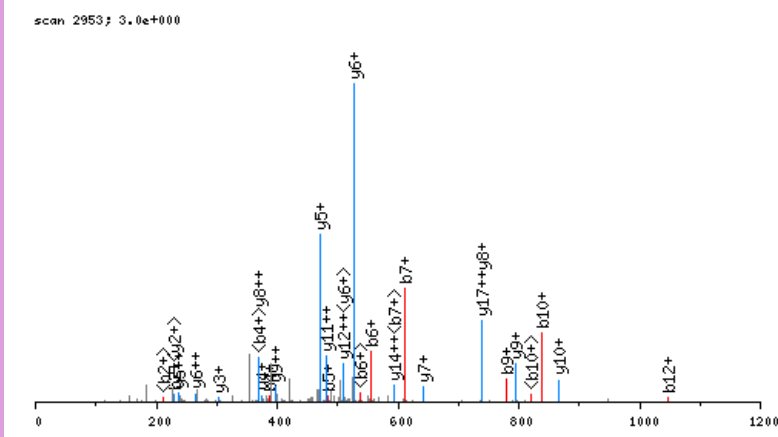
y + 2+ 3+

z + 2+ 3+

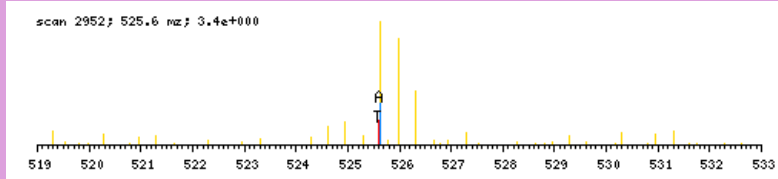
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
100.0399	1	G 18		
229.0825	2	E 17	1475.7607	738.3842
330.1301	3	T 16	1346.7181	673.8629
387.1516	4	G 15	1245.6704	623.3391
484.2044	5	P 14	1188.6489	594.8284
555.2415	6	A 13	1091.5962	546.3020
612.2629	7	G 12	1020.5591	510.7834
709.3157	8	P 11	963.5376	482.2727
780.3528	9	A 10	866.4848	433.7463
837.3743	10	G 9	795.4477	398.2278
934.4270	11	P 8	738.4262	369.7170
1047.5111	12	I 7	641.3735	321.1907
1104.5326	13	G 6	528.2894	264.6486
1201.5853	14	P 5	471.2680	236.1379
1272.6225	15	A 4	374.2152	187.6115
1329.6439	16	G 3	303.1781	152.0930
1400.6810	17	A 2	246.1566	123.5822
	18	R 1	175.1195	88.0637

N-term:+43.02

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

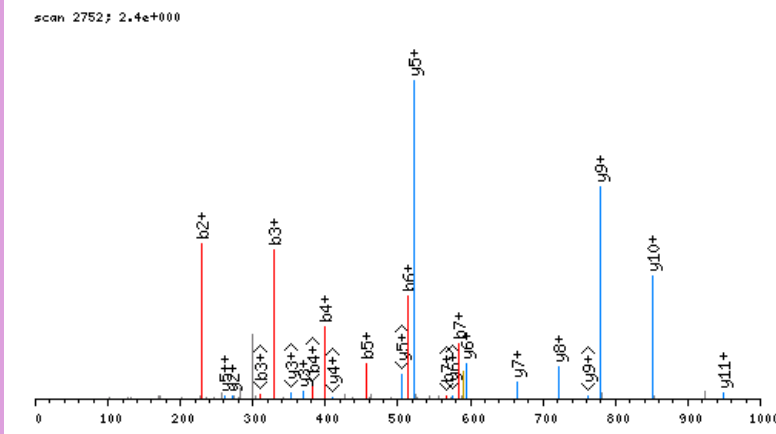
y + 2+ 3+

z + 2+ 3+

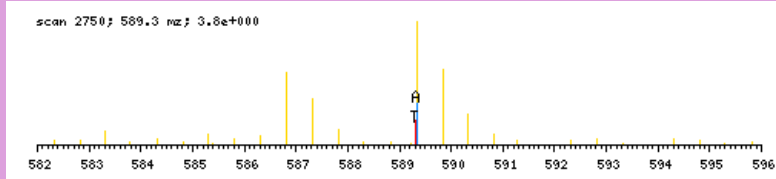
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
100.0399	1	G 13		
229.0825	2	E 12	1078.5645	539.7862
328.1509	3	V 11	949.5219	475.2649
399.1880	4	A 10	850.4535	425.7307
456.2094	5	G 9	779.4164	390.2121
513.2309	6	G 8	722.3949	361.7014
584.2680	7	A 7	665.3735	333.1907
655.3051	8	A 6	594.3364	297.6721
752.3579	9	P 5	523.2993	262.1535
809.3794	10	G 4	426.2465	213.6272
906.4321	11	P 3	369.2250	185.1164
1003.4849	12	P 2	272.1723	136.5900
	13	R 1	175.1195	88.0637

N-term:+43.02

GSEAAQLLEAADFAAHKHR, MH+ 2098.0894, m/z 525.2778
 H OS G28 P150811 220811-s1.08587.08587.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

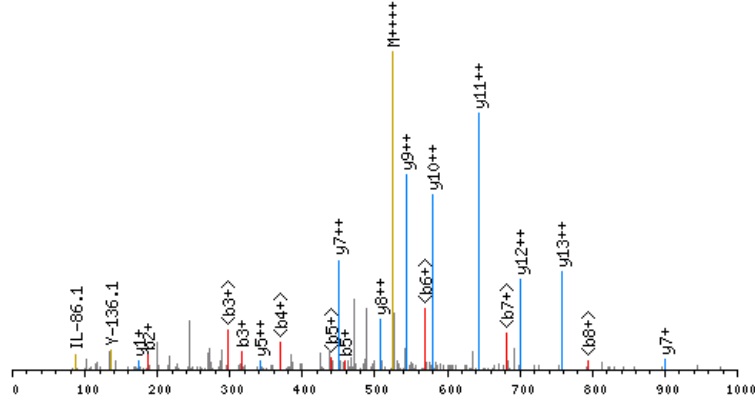
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

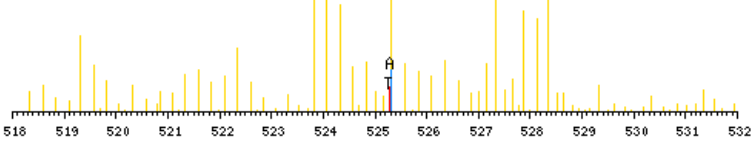
GO

scan 8587; 1.4e+000



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

scan 8583; 525.3 m/z; 4.5e+000



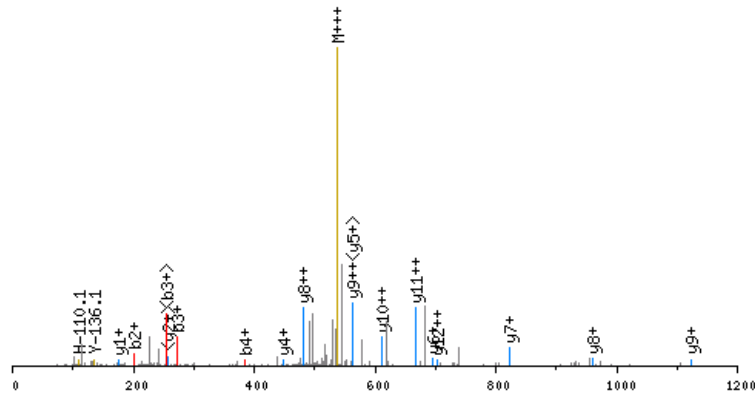
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
100.0399	1	G	19		
187.0719	2	S	18	1999.0574	1000.0326
316.1145	3	E	17	1912.0254	956.5166
387.1516	4	A	16	1782.9828	891.9953
458.1887	5	A	15	1711.9456	856.4767
586.2473	6	Q	14	1640.9085	820.9582
699.3314	7	L	13	1512.8500	756.9289
812.4154	8	L	12	1399.7659	700.3869
941.4580	9	E	11	1286.6818	643.8448
1012.4951	10	A	10	1157.6392	579.3235
1083.5322	11	A	9	1086.6021	543.8050
1198.5592	12	D	8	1015.5650	508.2864
1345.6276	13	F	7	900.5381	450.7729
1416.6647	14	A	6	753.4697	377.2387
1487.7018	15	A	5	682.4325	341.7202
1624.7607	16	H	4	611.3954	306.2016
1786.9188	17	K	3	474.3365	237.6722
1923.9777	18	H	2	312.1784	156.5931
	19	R	1	175.1195	88.0637

N-term:+43.02 K(17):+162.16

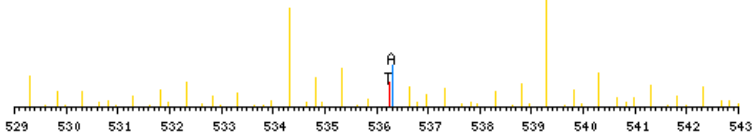
GTALVYHEDMTATR, MH+ 1606.7535, m/z 536.2560
 H OS G25 P150811 220811-s1.05221.05221.3.dta

scan 5221; 2.9e+000



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

scan 5217; 536.3 m/z; 3.1e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
100.0399	1	G 14		
201.0875	2	T 13	1507.7215	754.3647
272.1247	3	A 12	1406.6738	703.8408
385.2087	4	L 11	1335.6367	668.3223
484.2771	5	V 10	1222.5526	611.7802
647.3405	6	Y 9	1123.4842	562.2460
784.3994	7	H 8	960.4209	480.7144
913.4420	8	E 7	823.3620	412.1849
1028.4689	9	D 6	694.3194	347.6636
1159.5094	10	M 5	579.2925	290.1501
1260.5571	11	T 4	448.2520	224.6299
1331.5942	12	A 3	347.2043	174.1061
1432.6419	13	T 2	276.1672	138.5875
	14	R 1	175.1195	88.0637

N-term:+43.02

GTKCCTLPEDQR, MH+ 1540.7311, m/z 514.2486
 H OS G27 P150811 220811-s1.03050.03050.3.dta

scan 3050; 1.7e+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+

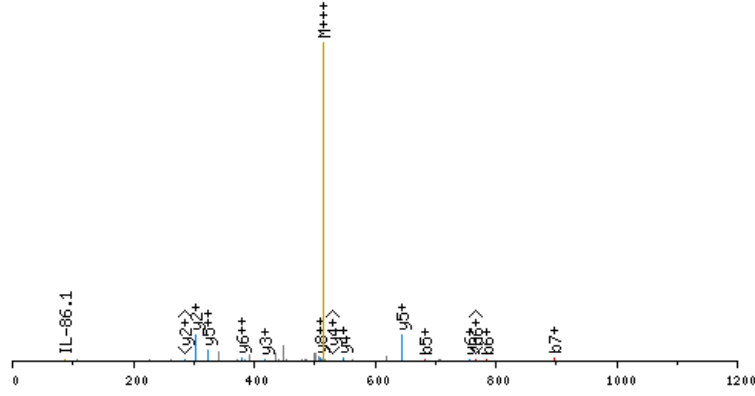
y + 2+ 3+

z + 2+ 3+

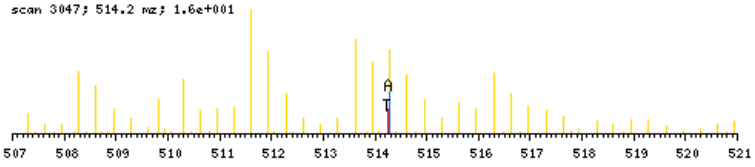
hide H₂O/NH₃

zoom 112-122

GO



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



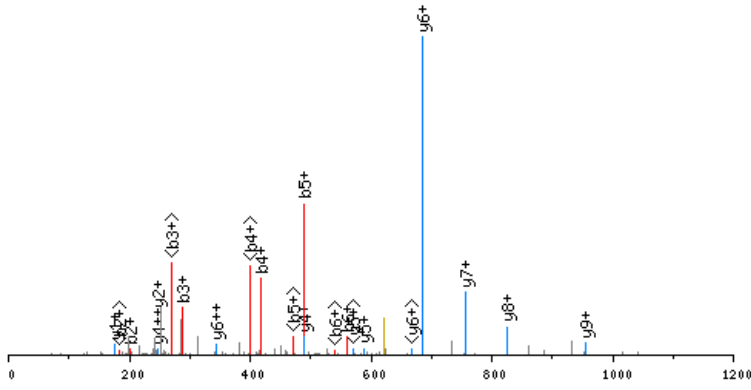
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0399	1	G 12		
201.0875	2	T 11	1441.6991	721.3535
363.2456	3	K 10	1340.6514	670.8296
523.2762	4	C 9	1178.4933	589.7506
683.3068	5	C 8	1018.4627	509.7353
784.3545	6	T 7	858.4321	429.7200
897.4386	7	L 6	757.3844	379.1961
994.4913	8	P 5	644.3004	322.6541
1123.5339	9	E 4	547.2476	274.1277
1238.5609	10	D 3	418.2050	209.6064
1366.6195	11	Q 2	303.1781	152.0930
	12	R 1	175.1195	88.0637

N-term:+43.02 K(3):+162.16
 C(4):+160.03 C(5):+160.03

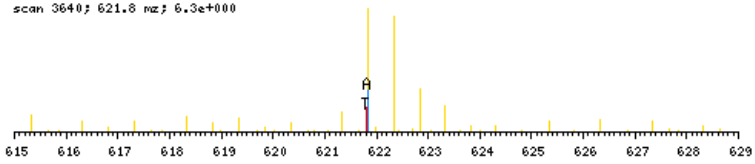
GTSEAAPPPFAR, MH+ 1242.6119, m/z 621.8096
 H OS G29 P150811 220811-s1.03643.03643.2.dta

scan 3643; 2.6e+000



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

scan 3640; 621.8 m/z; 6.3e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
100.0399	1	G 12		
201.0875	2	T 11	1143.5798	572.2938
288.1196	3	S 10	1042.5322	521.7700
417.1622	4	E 9	955.5001	478.2540
488.1993	5	A 8	826.4575	413.7327
559.2364	6	A 7	755.4204	378.2141
656.2892	7	P 6	684.3833	342.6956
753.3419	8	P 5	587.3306	294.1692
850.3947	9	P 4	490.2778	245.6428
997.4631	10	F 3	393.2250	197.1164
1068.5002	11	A 2	246.1566	123.5822
	12	R 1	175.1195	88.0637

N-term:+43.02

GVQVETISPGDGR, MH+ 1356.6759, m/z 678.8416
 H OS G29 P150811 220811-s1.03717.03717.2.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+

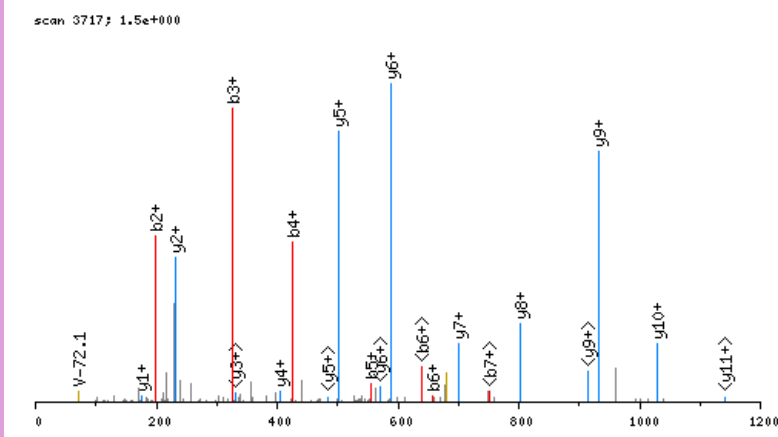
y + 2+ 3+

z + 2+ 3+

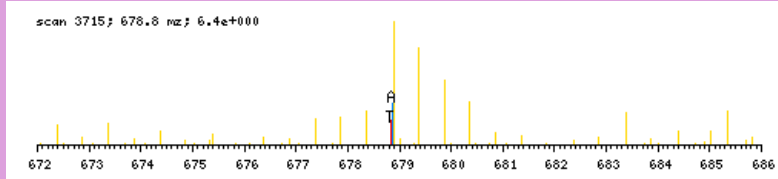
hide H₂O/NH₃

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⁺
100.0399	1	G 13		
199.1083	2	V 12	1257.6439	629.3259
327.1669	3	Q 11	1158.5755	579.7917
426.2353	4	V 10	1030.5169	515.7624
555.2779	5	E 9	931.4485	466.2282
656.3255	6	T 8	802.4059	401.7069
769.4096	7	I 7	701.3582	351.1830
856.4416	8	S 6	588.2742	294.6410
953.4944	9	P 5	501.2421	251.1250
1010.5159	10	G 4	404.1894	202.5986
1125.5428	11	D 3	347.1679	174.0879
1182.5643	12	G 2	232.1410	116.5744
	13	R 1	175.1195	88.0637

N-term:+43.02

HFSIPETESR, MH+ 1244.5912, m/z 622.7992
 H OS G25 P150811 220811-s1.06511.06511.2.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+

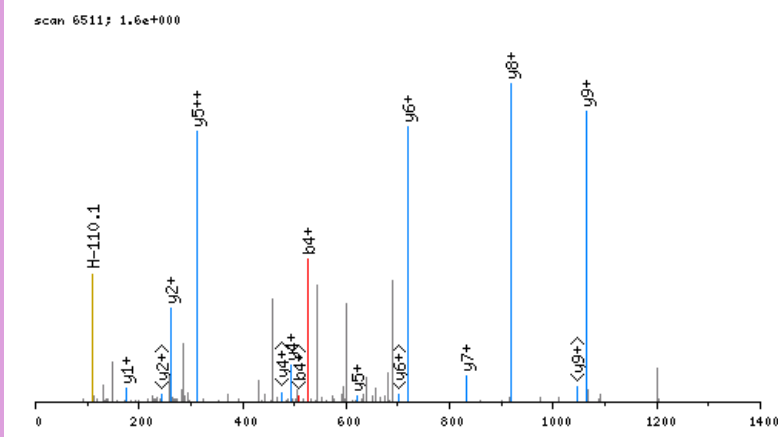
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO



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



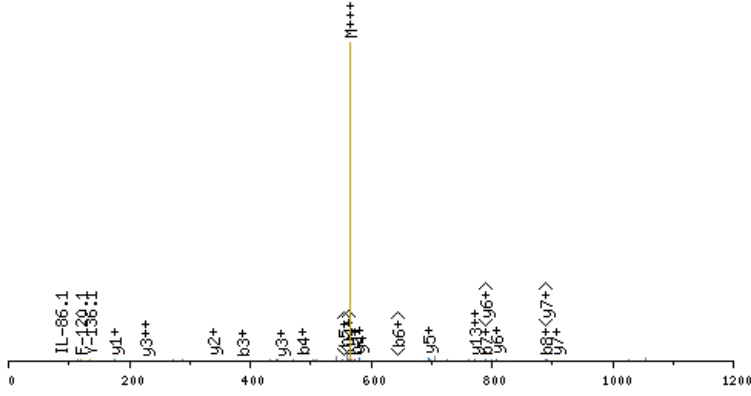
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
180.0773	1	H	10	
327.1457	2	F	9	1065.5217
414.1778	3	S	8	918.4533
527.2618	4	I	7	831.4212
624.3146	5	P	6	718.3372
753.3572	6	E	5	621.2844
854.4049	7	T	4	492.2418
983.4474	8	E	3	391.1941
1070.4795	9	S	2	262.1515
	10	R	1	175.1195

N-term:+43.02

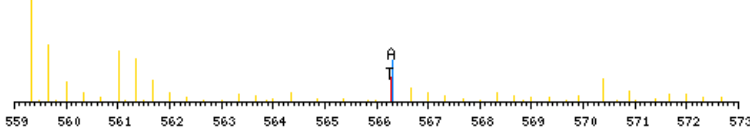
IDDTSEVLDELYR, MH+ 1696.7918, m/z 566.2688
 H OS G25 P150811 220811-s1.07458.07458.3.dta

scan 7458; 3.3e+001



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

scan 7457; 566.3 m/z; 1.2e+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⁺
156.1025	1	I 14		
271.1294	2	D 13	1541.6971	771.3525
386.1564	3	D 12	1426.6702	713.8390
487.2040	4	T 11	1311.6432	656.3255
574.2361	5	S 10	1210.5956	605.8017
661.2681	6	S 9	1123.5635	562.2857
790.3107	7	E 8	1036.5315	518.7697
889.3791	8	V 7	907.4889	454.2484
1002.4632	9	L 6	808.4205	404.7142
1117.4901	10	D 5	695.3364	348.1721
1246.5327	11	E 4	580.3095	290.6587
1359.6168	12	L 3	451.2669	226.1374
1522.6801	13	Y 2	338.1828	169.5953
	14	R 1	175.1195	88.0637

N-term:+43.02

ILGGQEAHAHAR, MH+ 1235.6497, m/z 412.5547
 H OS G27 P150811 220811-s1.02150.02150.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

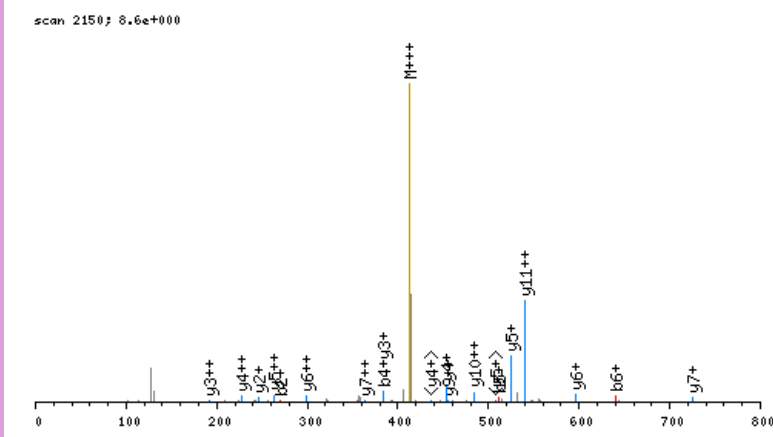
y + 2+ 3+

z + 2+ 3+

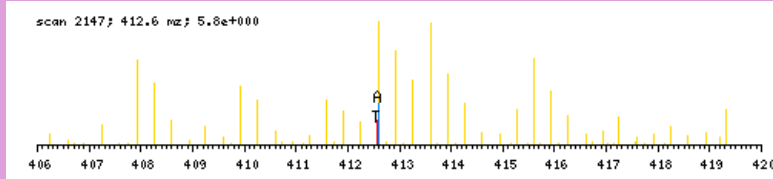
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
156.1025	1	I 12		
269.1865	2	L 11	1080.5550	540.7814
326.2080	3	G 10	967.4710	484.2394
383.2295	4	G 9	910.4495	455.7287
511.2880	5	Q 8	853.4280	427.2179
640.3306	6	E 7	725.3695	363.1886
711.3677	7	A 6	596.3269	298.6673
782.4049	8	A 5	525.2898	263.1488
853.4420	9	A 4	454.2526	227.6302
990.5009	10	H 3	383.2155	192.1117
1061.5380	11	A 2	246.1566	123.5822
	12	R 1	175.1195	88.0637

N-term:+43.02

IQMTQSTSSLSASLGDR, MH+ 1823.8809, m/z 608.6318
 H OS G24 P150811 220811-s1.04084.04084.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

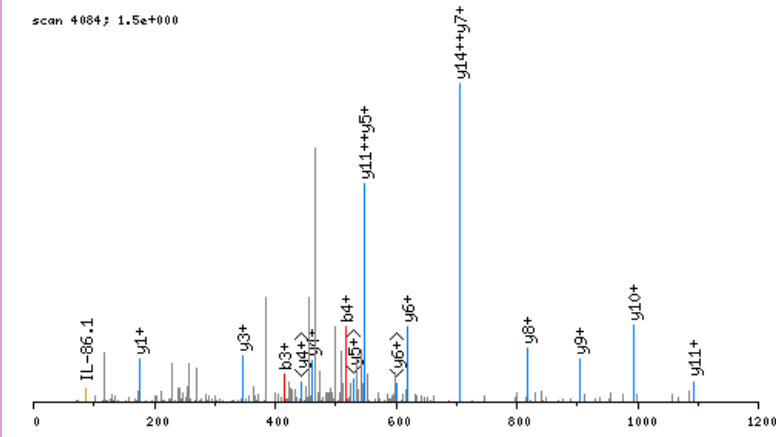
y + 2+ 3+

z + 2+ 3+

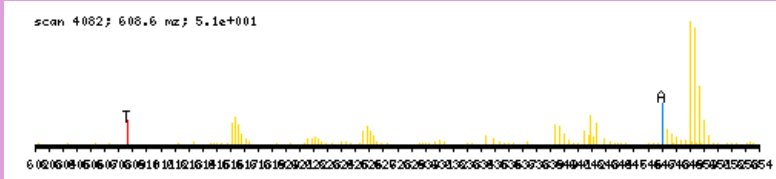
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
156.1025	1	I 17		
284.1610	2	Q 16	1668.7863	834.8971
415.2015	3	M 15	1540.7277	770.8678
516.2492	4	T 14	1409.6872	705.3475
644.3078	5	Q 13	1308.6395	654.8237
731.3398	6	S 12	1180.5810	590.7944
832.3875	7	T 11	1093.5489	547.2784
919.4195	8	S 10	992.5013	496.7545
1006.4515	9	S 9	905.4692	453.2385
1119.5356	10	L 8	818.4372	409.7225
1206.5676	11	S 7	705.3531	353.1805
1277.6048	12	A 6	618.3211	309.6645
1364.6368	13	S 5	547.2840	274.1459
1477.7208	14	L 4	460.2520	230.6299
1534.7423	15	G 3	347.1679	174.0879
1649.7693	16	D 2	290.1464	145.5771
	17	R 1	175.1195	88.0637

N-term:+43.02

IQMTQTTSSLSASLGDR, MH+ 1837.8966, m/z 613.3037
 H OS G24 P150811 220811-s1.03613.03613.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

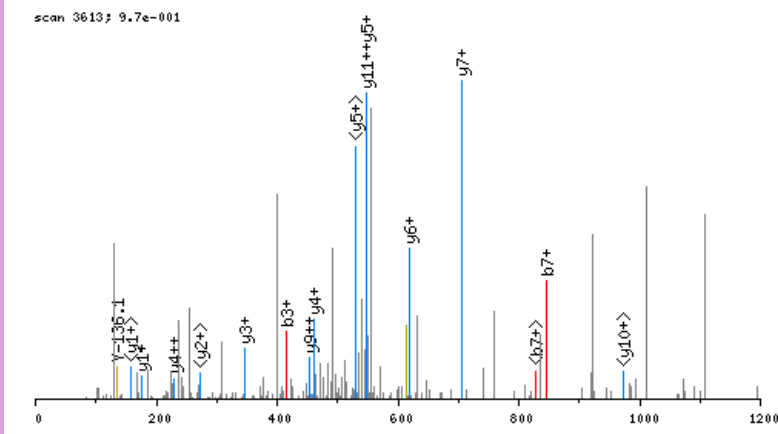
y + 2+ 3+

z + 2+ 3+

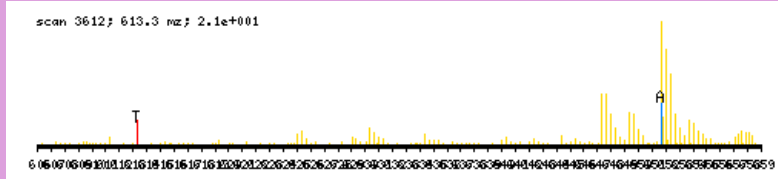
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
156.1025	1	I 17		
284.1610	2	Q 16	1682.8019	841.9049
415.2015	3	M 15	1554.7434	777.8756
516.2492	4	T 14	1423.7029	712.3554
644.3078	5	Q 13	1322.6552	661.8315
745.3555	6	T 12	1194.5966	597.8022
846.4031	7	T 11	1093.5489	547.2784
933.4352	8	S 10	992.5013	496.7545
1020.4672	9	S 9	905.4692	453.2385
1133.5513	10	L 8	818.4372	409.7225
1220.5833	11	S 7	705.3531	353.1805
1291.6204	12	A 6	618.3211	309.6645
1378.6524	13	S 5	547.2840	274.1459
1491.7365	14	L 4	460.2520	230.6299
1548.7580	15	G 3	347.1679	174.0879
1663.7849	16	D 2	290.1464	145.5771
	17	R 1	175.1195	88.0637

N-term:+43.02

ISWYDNEYGYSNR, MH+ 1708.7244, m/z 570.2463
 H OS G25 P150811 220811-s1.06975.06975.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

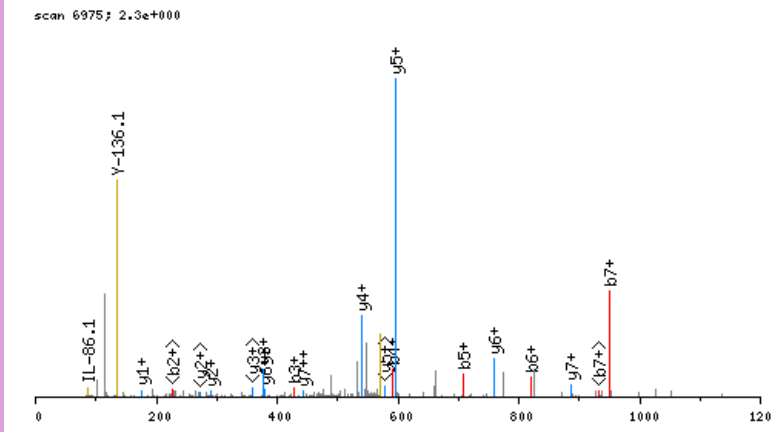
y + 2+ 3+

z + 2+ 3+

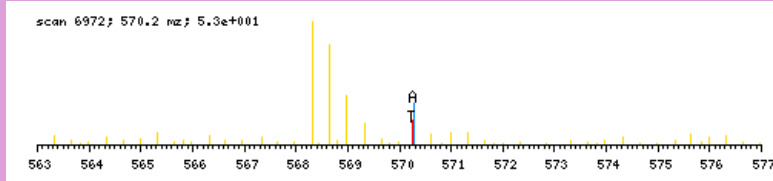
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
156.1025	1	I 13		
243.1345	2	S 12	1553.6297	777.3188
429.2138	3	W 11	1466.5977	733.8028
592.2771	4	Y 10	1280.5184	640.7631
707.3041	5	D 9	1117.4550	559.2314
821.3470	6	N 8	1002.4281	501.7180
950.3896	7	E 7	888.3852	444.6965
1113.4529	8	Y 6	759.3426	380.1752
1170.4744	9	G 5	596.2792	298.6435
1333.5377	10	Y 4	539.2578	270.1328
1420.5697	11	S 3	376.1945	188.6011
1534.6127	12	N 2	289.1624	145.0851
	13	R 1	175.1195	88.0637

N-term:+43.02

IYENLQNSR, MH+ 1178.5806, m/z 589.7939
 H OS G29 P150811 220811-s1.04842.04842.2.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+

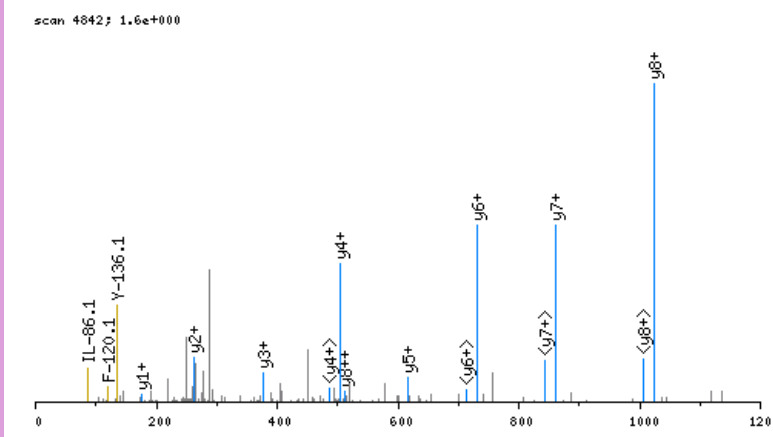
y + 2+ 3+

z + 2+ 3+

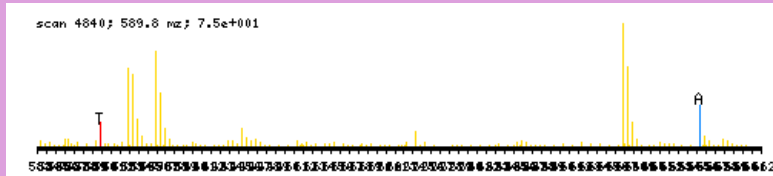
hide H₂O/NH₃

zoom 112-122

GO



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



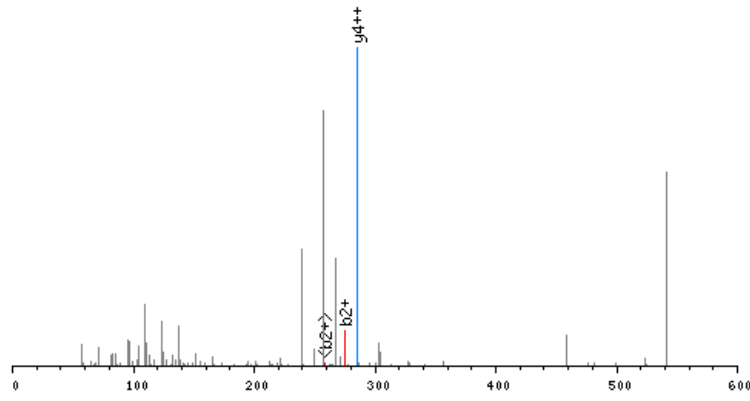
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
156.1025	1	I	9	
319.1658	2	Y	8	1023.4859 512.2469
448.2084	3	E	7	860.4226 430.7152
562.2513	4	N	6	731.3800 366.1939
675.3354	5	L	5	617.3371 309.1725
803.3940	6	Q	4	504.2530 252.6304
917.4369	7	N	3	376.1945 188.6011
1004.4689	8	S	2	262.1515 131.5797
	9	R	1	175.1195 88.0637

N-term: +43.02

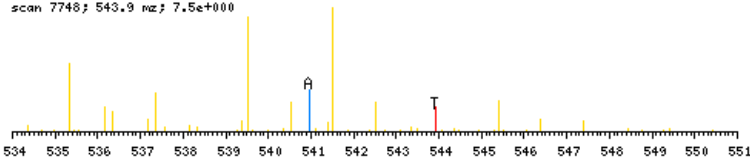
KAEIIKLK, MH+ 1086.8352, m/z 543.9212
 H OS G26 P150811 220811-s1.07750.07750.2.dta

scan 7750; 1.8e+000



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

scan 7748; 543.9 mz; 7.5e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
205.1765	1	K	8	
276.2136	2	A	7	882.6665 441.8372
405.2562	3	E	6	811.6294 406.3186
518.3403	4	I	5	682.5868 341.7973
631.4243	5	I	4	569.5027 285.2553
793.5824	6	K	3	456.4187 228.7132
906.6665	7	L	2	294.2606 147.6342
	8	K	1	181.1765 91.0922

N-term:+43.02 K(1):+162.16

K(6):+162.16 K(8):+162.16

KLNFSGLR, MH+ 1004.5893, m/z 502.7983
 H OS G25 P150811 220811-s1.07163.07163.2.dta

scan 7163; 6.4e+001

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

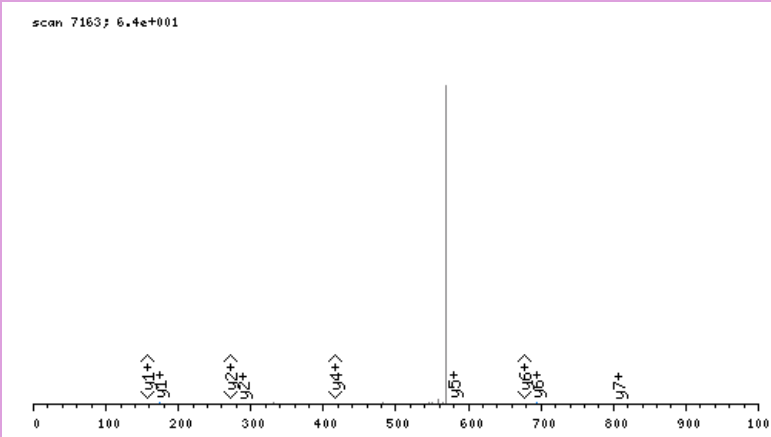
y + 2+ 3+

z + 2+ 3+

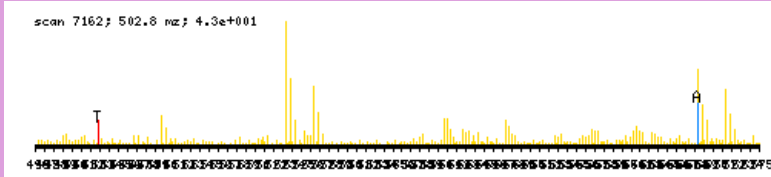
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
199.1447	1	K	8	
312.2288	2	L	7	806.4525
426.2717	3	N	6	693.3684
573.3401	4	F	5	579.3255
660.3721	5	S	4	432.2571
717.3936	6	G	3	345.2250
830.4777	7	L	2	288.2036
	8	R	1	175.1195

N-term:+43.02 K(1) :+156.13

KNKEMDIDESLYSR, MH+ 1825.9007, m/z 609.3051
 H OS G24 P150811 220811-s1.03403.03403.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

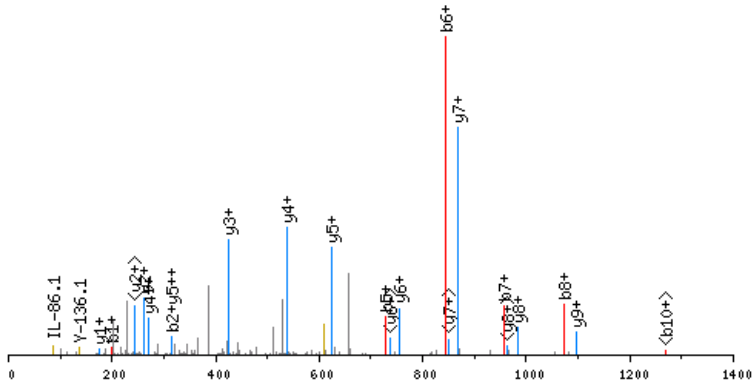
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

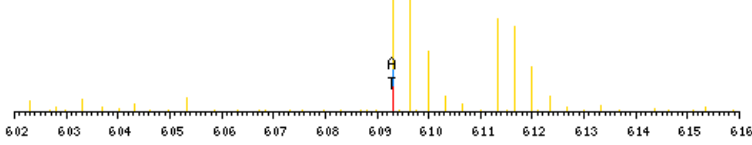
GO

scan 3403; 2.6e+000



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

scan 3402; 609.3 mz; 9.1e+000



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

b ⁺	#	AA #	y ⁺	y ²⁺
199.1447	1	K 14		
313.1876	2	N 13	1627.7638	814.3858
469.3139	3	K 12	1513.7209	757.3643
598.3565	4	E 11	1357.5946	679.3012
729.3970	5	M 10	1228.5520	614.7799
844.4239	6	D 9	1097.5115	549.2597
957.5080	7	I 8	982.4846	491.7462
1072.5350	8	D 7	869.4005	435.2042
1201.5775	9	E 6	754.3735	377.6907
1288.6096	10	S 5	625.3310	313.1694
1401.6936	11	L 4	538.2989	269.6534
1564.7570	12	Y 3	425.2149	213.1113
1651.7890	13	S 2	262.1515	131.5797
	14	R 1	175.1195	88.0637

N-term:+43.02 K(1):+156.13
 K(3):+156.13

KQPKNLEGYVGFANLPNQVYR, MH+ 2545.4204, m/z 637.1106
 H OS G26 P150811 220811-s1.06306.06306.4.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+

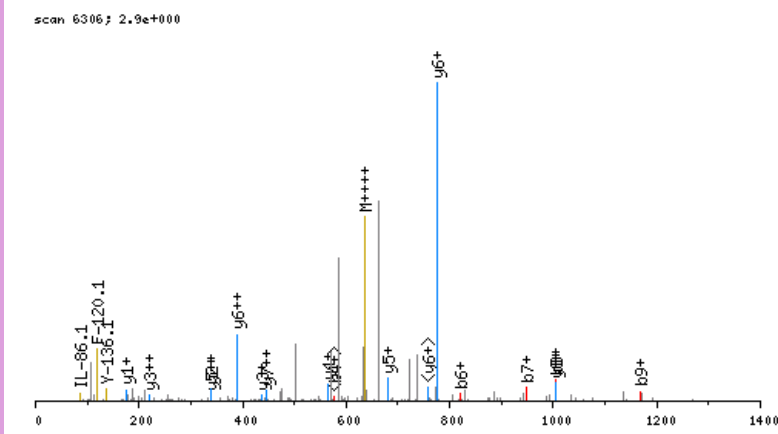
y + 2+ 3+

z + 2+ 3+

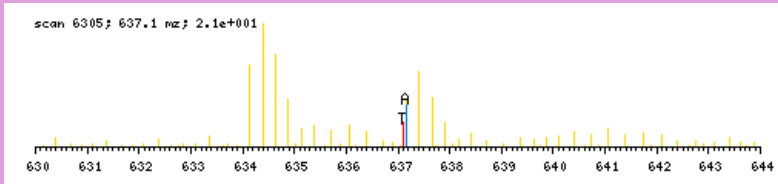
hide H₂O/NH₃

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⁺
205.1765	1	K 21		
333.2351	2	Q 20	2341.2517	1171.1298
430.2878	3	P 19	2213.1931	1107.1005
592.4459	4	K 18	2116.1404	1058.5741
706.4889	5	N 17	1953.9823	977.4951
819.5729	6	L 16	1839.9394	920.4736
948.6155	7	E 15	1726.8553	863.9316
1005.6370	8	G 14	1597.8127	799.4103
1168.7003	9	Y 13	1540.7912	770.8995
1267.7687	10	V 12	1377.7279	689.3679
1324.7902	11	G 11	1278.6595	639.8337
1471.8586	12	F 10	1221.6380	611.3229
1542.8957	13	A 9	1074.5696	537.7887
1656.9387	14	N 8	1003.5325	502.2702
1770.0227	15	L 7	889.4896	445.2487
1867.0755	16	P 6	776.4055	388.7067
1981.1184	17	N 5	679.3527	340.1803
2109.1770	18	Q 4	565.3098	283.1588
2208.2454	19	V 3	437.2512	219.1295
2371.3087	20	Y 2	338.1828	169.5953
	21	R 1	175.1195	88.0637

N-term:+43.02 K(1):+162.16
 K(4):+162.16

KVVNKESLVISGLR, MH+ 1652.0748, m/z 413.7741
 H OS G28 P150811 220811-s1.03351.03351.4.dta

scan 3351; 1.2e+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+

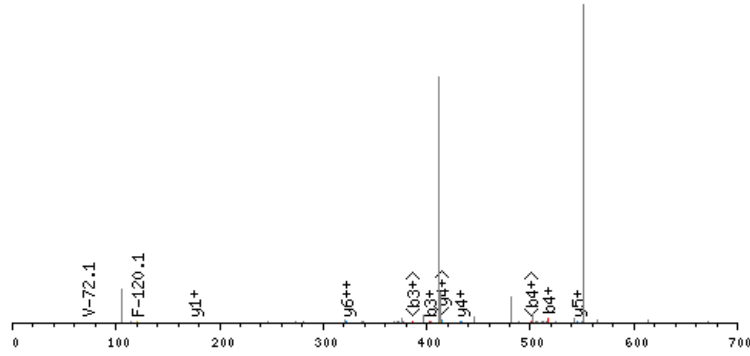
y + 2+ 3+

z + 2+ 3+

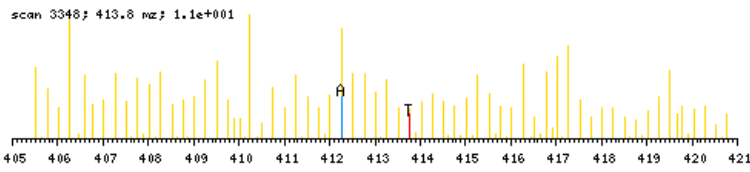
hide H₂O/NH₃

zoom 112-122

GO



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



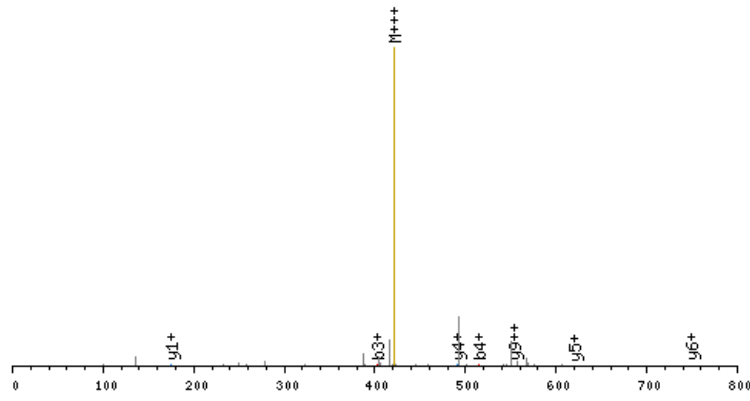
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
205.1765	1	K 14		
304.2449	2	V 13	1447.9061	724.4570
403.3133	3	V 12	1348.8377	674.9227
517.3563	4	N 11	1249.7692	625.3885
679.5144	5	K 10	1135.7263	568.3671
808.5569	6	E 9	973.5682	487.2880
895.5890	7	S 8	844.5256	422.7667
1008.6730	8	L 7	757.4936	379.2507
1107.7415	9	V 6	644.4095	322.7087
1220.8255	10	I 5	545.3411	273.1745
1307.8575	11	S 4	432.2571	216.6324
1364.8790	12	G 3	345.2250	173.1164
1477.9631	13	L 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+43.02 K(1):+162.16
 K(5):+162.16

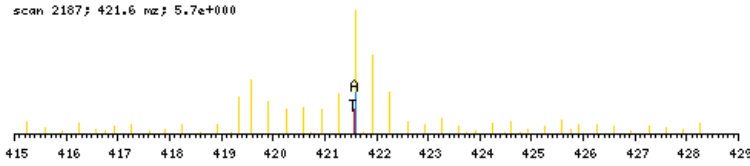
LFVLEEDLSR, MH+ 1262.6633, m/z 421.5593
 H OS G27 P150811 220811-s1.02188.02188.3.dta

scan 2188; 1.3e+001



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

scan 2187; 421.6 m/z; 5.7e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

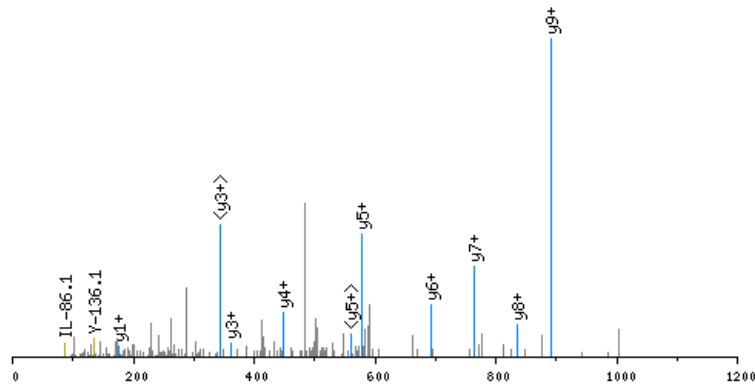
GO

b ⁺	#	AA #	y ⁺	y ²⁺
156.1025	1	L 10		
303.1709	2	F 9	1107.5686	554.2882
402.2393	3	V 8	960.5002	480.7540
515.3234	4	L 7	861.4318	431.2198
644.3659	5	E 6	748.3477	374.6778
773.4085	6	E 5	619.3051	310.1565
888.4355	7	D 4	490.2625	245.6352
1001.5195	8	L 3	375.2356	188.1217
1088.5516	9	S 2	262.1515	131.5797
	10	R 1	175.1195	88.0637

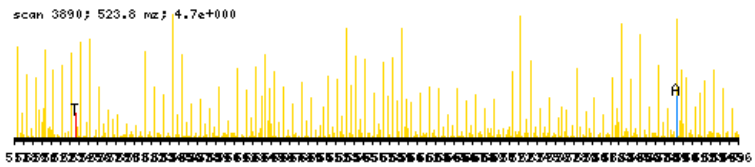
N-term:+43.02

LGADESSVR, MH+ 1046.5118, m/z 523.7596
 H OS G29 P150811 220811-s1.03891.03891.2.dta

scan 3891; 8.5e-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:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
156.1025	1	L	10		
213.1239	2	G	9	891.4172	446.2125
284.1610	3	A	8	834.3957	417.7018
355.1982	4	A	7	763.3586	382.1832
470.2251	5	D	6	692.3215	346.6647
599.2677	6	E	5	577.2946	289.1512
686.2997	7	S	4	448.2520	224.6299
773.3317	8	S	3	361.2199	181.1139
872.4002	9	V	2	274.1879	137.5979
	10	R	1	175.1195	88.0637

N-term:+43.02

LGGLGKLAAEGLAHR, MH+ 1532.8913, m/z 511.6353
 H OS G26 P150811 220811-s1.06491.06491.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

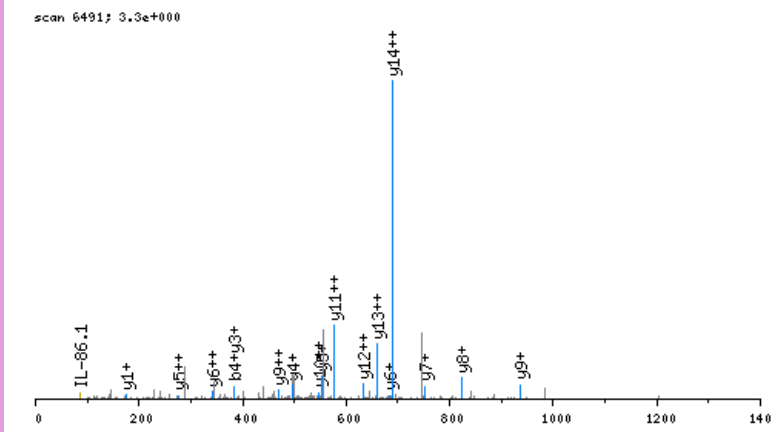
y + 2+ 3+

z + 2+ 3+

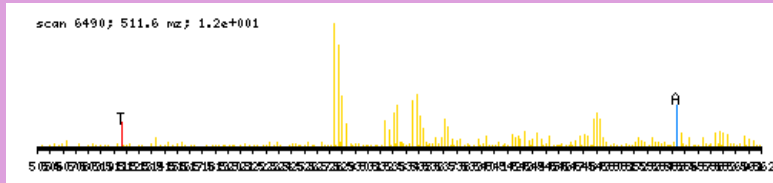
hide H₂O/NH₃

zoom 112-122

GO



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



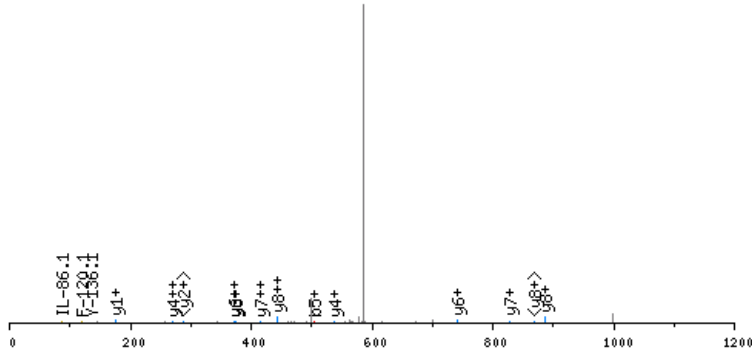
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
156.1025	1	L	15		
213.1239	2	G	14	1377.7967	689.4023
270.1454	3	G	13	1320.7752	660.8915
383.2295	4	L	12	1263.7538	632.3808
440.2509	5	G	11	1150.6697	575.8388
596.3772	6	K	10	1093.6482	547.3280
709.4613	7	L	9	937.5219	469.2649
780.4984	8	A	8	824.4379	412.7228
851.5355	9	A	7	753.4008	377.2043
980.5781	10	E	6	682.3636	341.6857
1037.5996	11	G	5	553.3211	277.1644
1150.6836	12	L	4	496.2996	248.6537
1221.7207	13	A	3	383.2155	192.1117
1358.7797	14	H	2	312.1784	156.5931
	15	R	1	175.1195	88.0637

N-term:+43.02 K(6):+156.13

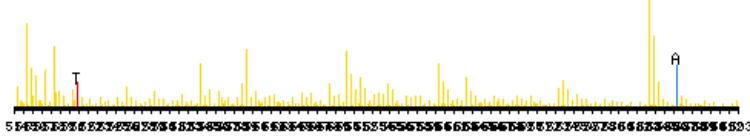
LGSGFKAER, MH+ 1040.5953, m/z 520.8013
 H OS G25 P150811 220811-s1.05210.05210.2.dta

scan 5210; 1.7e+001



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

scan 5207; 520.8 m/z; 7.2e+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⁺
156.1025	1	L	9	
213.1239	2	G	8	885.5007 443.2543
300.1560	3	S	7	828.4792 414.7435
357.1774	4	G	6	741.4472 371.2275
504.2458	5	F	5	684.4257 342.7168
666.4039	6	K	4	537.3573 269.1826
737.4410	7	A	3	375.1992 188.1035
866.4836	8	E	2	304.1621 152.5850
	9	R	1	175.1195 88.0637

N-term:+43.02 K(6):+162.16

LKFPVKPADLKKR, MH+ 1718.2370, m/z 573.4172
 H OS G29 P150811 220811-s1.07621.07621.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

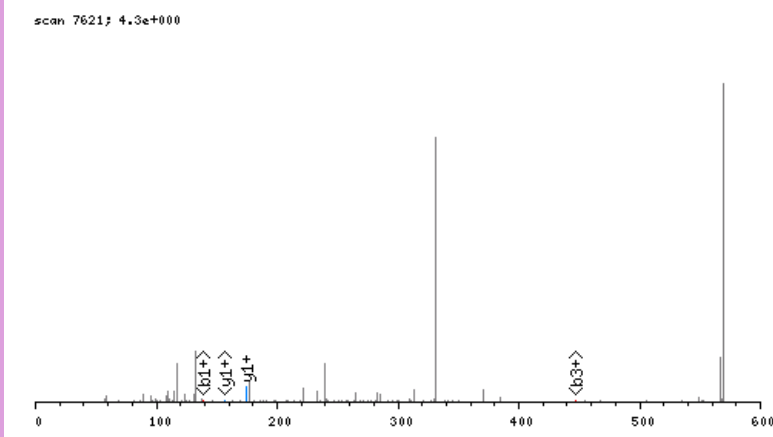
y + 2+ 3+

z + 2+ 3+

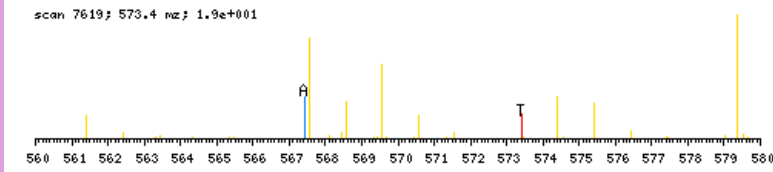
hide H₂O/NH₃

zoom 112-122

GO



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

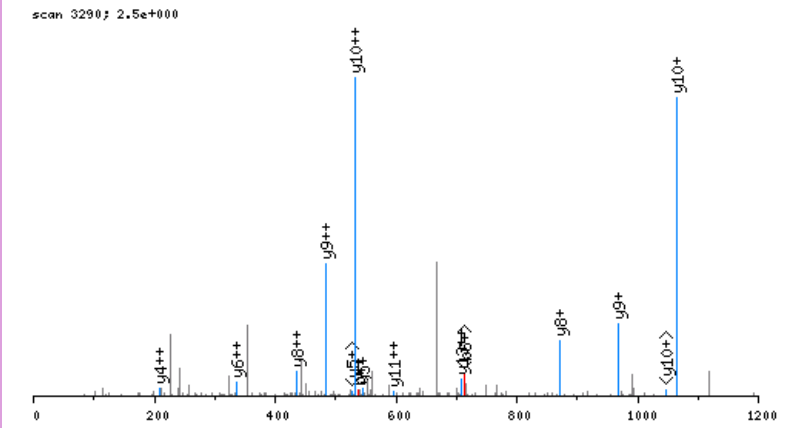


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

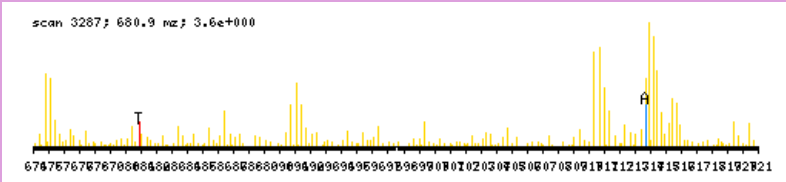
b ⁺	#	AA #	y ⁺	y ²⁺
156.1025	1	L 13		
318.2606	2	K 12	1563.1424	782.0751
465.3290	3	F 11	1400.9843	700.9961
562.3817	4	P 10	1253.9159	627.4618
661.4502	5	V 9	1156.8631	578.9355
823.6083	6	K 8	1057.7947	529.4013
920.6610	7	P 7	895.6366	448.3222
991.6981	8	A 6	798.5838	399.7958
1106.7251	9	D 5	727.5467	364.2773
1219.8091	10	L 4	612.5198	306.7638
1381.9672	11	K 3	499.4357	250.2218
1544.1253	12	K 2	337.2776	169.1427
	13	R 1	175.1195	88.0637

N-term:+43.02 K(2):+162.16
 K(6):+162.16 K(11):+162.16
 K(12):+162.16

LKPQPPQOTSQPQQPPPTQQAVAR, MH+ 2720.4484, m/z 680.8676
 H OS G24 P150811 220811-s1.03290.03290.4.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⁺
156.1025	1	L 24		
312.2288	2	K 23	2565.3538	1283.1808
409.2815	3	P 22	2409.2275	1205.1177
537.3401	4	Q 21	2312.1747	1156.5913
634.3929	5	P 20	2184.1162	1092.5620
731.4456	6	P 19	2087.0634	1044.0356
859.5042	7	Q 18	1990.0106	995.5092
987.5628	8	Q 17	1861.9520	931.4799
1088.6105	9	T 16	1733.8935	867.4506
1175.6425	10	S 15	1632.8458	816.9268
1303.7011	11	Q 14	1545.8138	773.4108
1400.7538	12	P 13	1417.7552	709.3815
1528.8124	13	Q 12	1320.7024	660.8551
1656.8710	14	Q 11	1192.6438	596.8258
1753.9238	15	P 10	1064.5853	532.7965
1850.9765	16	P 9	967.5325	484.2702
1948.0293	17	P 8	870.4797	435.7438
2049.0770	18	T 7	773.4270	387.2174
2177.1355	19	Q 6	672.3793	336.6936
2305.1941	20	Q 5	544.3207	272.6643
2376.2312	21	A 4	416.2621	208.6350
2475.2996	22	V 3	345.2250	173.1164
2546.3368	23	A 2	246.1566	123.5822
	24	R 1	175.1195	88.0637

N-term:+43.02 K(2):+156.13

LPKRLVKKGKK, MH+ 1507.2313, m/z 503.0820
 H OS G26 P150811 220811-s1.06383.06383.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

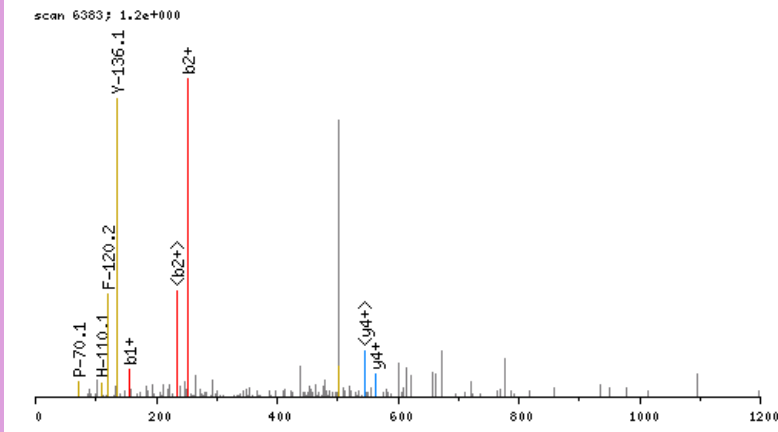
y + 2+ 3+

z + 2+ 3+

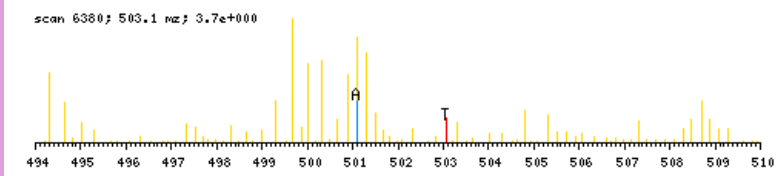
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
156.1025	1	L	11		
253.1552	2	P	10	1352.1367	676.5723
415.3133	3	K	9	1255.0839	628.0459
571.4144	4	R	8	1092.9258	546.9668
684.4985	5	L	7	936.8247	468.9163
783.5669	6	V	6	823.7407	412.3742
945.7250	7	K	5	724.6723	362.8400
1107.8831	8	K	4	562.5142	281.7610
1164.9046	9	G	3	400.3561	200.6819
1327.0627	10	K	2	343.3346	172.1712
	11	K	1	181.1765	91.0922

N-term:+43.02 K(3):+162.16
 K(7):+162.16 K(8):+162.16
 K(10):+162.16 K(11):+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+

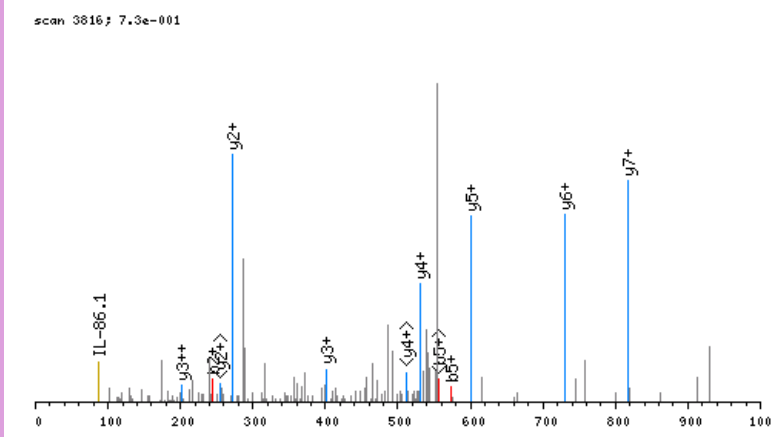
y + 2+ 3+

z + 2+ 3+

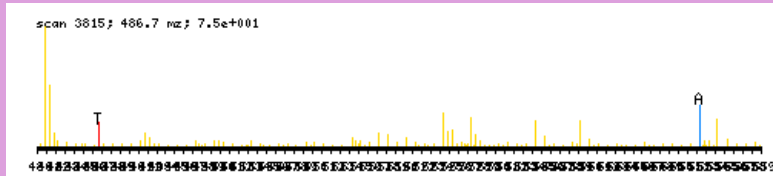
hide H₂O/NH₃

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⁺
156.1025	1	L 8		
243.1345	2	S 7	817.3692	409.1885
372.1771	3	E 6	730.3372	365.6725
443.2142	4	A 5	601.2946	301.1512
572.2568	5	E 4	530.2575	265.6326
701.2994	6	E 3	401.2149	201.1113
798.3521	7	P 2	272.1723	136.5900
	8	R 1	175.1195	88.0637

N-term:+43.02

LSFQYPDVYR, MH+ 1329.6479, m/z 665.3276
 H OS G29 P150811 220811-s1.06368.06368.2.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+

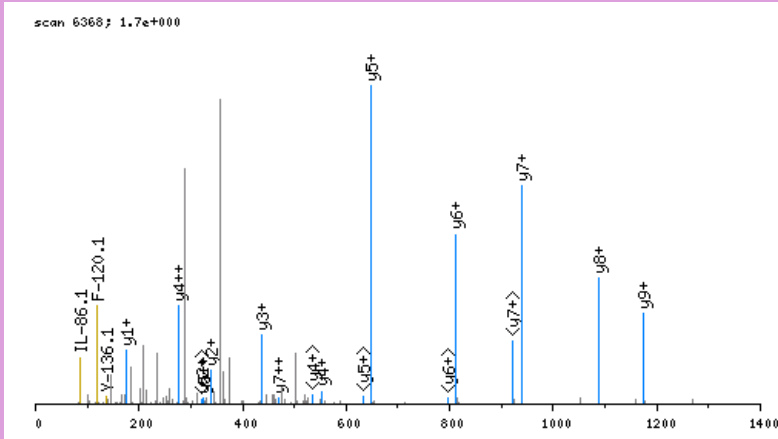
y + 2+ 3+

z + 2+ 3+

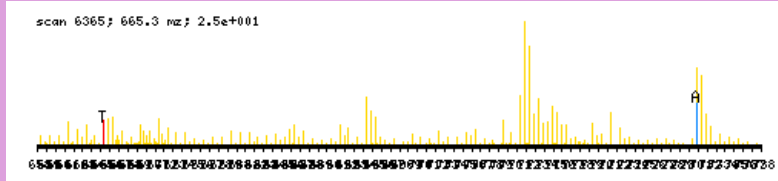
hide H₂O/NH₃

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⁺
156.1025	1	L	10	
243.1345	2	S	9	1174.5533 587.7806
390.2029	3	F	8	1087.5213 544.2645
518.2615	4	Q	7	940.4529 470.7303
681.3248	5	Y	6	812.3943 406.7011
778.3776	6	P	5	649.3310 325.1694
893.4045	7	D	4	552.2782 276.6430
992.4729	8	V	3	437.2512 219.1295
1155.5363	9	Y	2	338.1828 169.5953
	10	R	1	175.1195 88.0637

N-term:+43.02

MDAVLSDFVFR, MH+ 1194.5829, m/z 597.7951
 H OS G29 P150811 220811-s1.06571.06571.2.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+

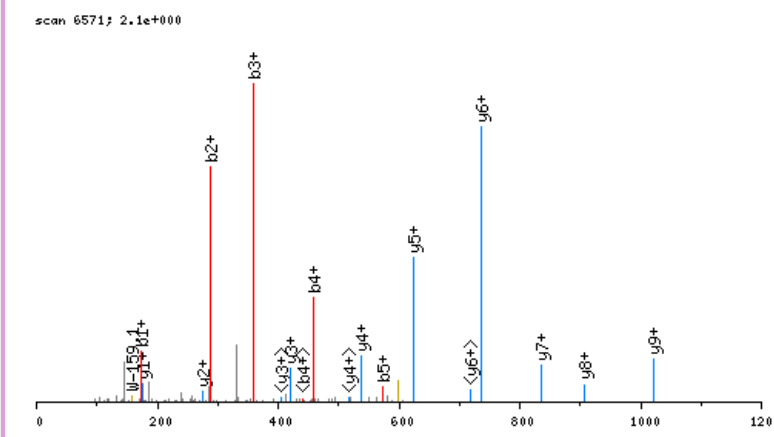
y + 2+ 3+

z + 2+ 3+

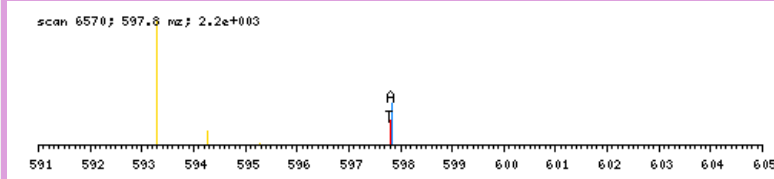
hide H₂O/NH₃

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⁺
174.0589	1	M	10	
289.0858	2	D	9	1021.5318
360.1229	3	A	8	906.5049
459.1914	4	V	7	835.4678
572.2754	5	L	6	736.3994
659.3074	6	S	5	623.3153
774.3344	7	D	4	536.2833
921.4028	8	F	3	421.2563
1020.4712	9	V	2	274.1879
	10	R	1	175.1195

N-term:+43.02

MDKSELVQKAKLAEQAER, MH+ 2200.2012, m/z 550.8058
 H OS G28 P150811 220811-s1.06216.06216.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

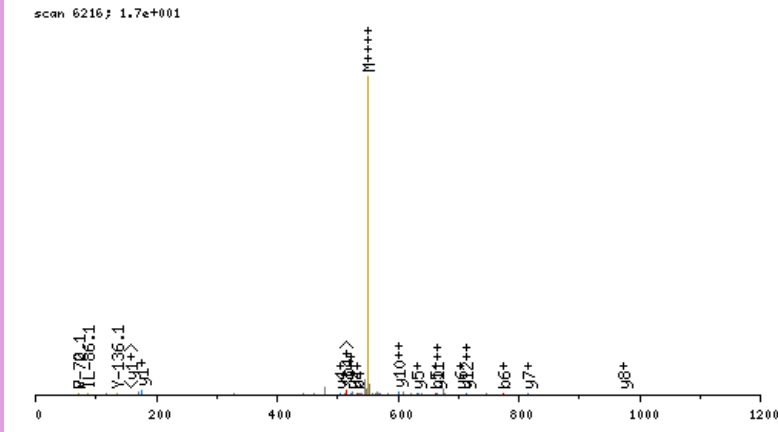
y + 2+ 3+

z + 2+ 3+

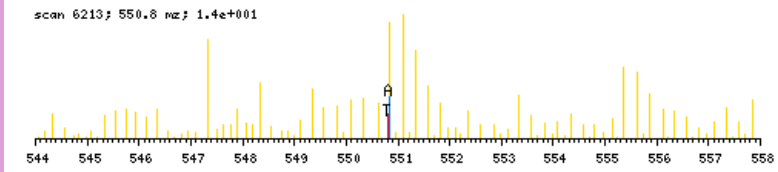
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
174.0589	1	M 18		
289.0858	2	D 17	2027.1502	1014.0790
445.2121	3	K 16	1912.1232	956.5655
532.2442	4	S 15	1755.9969	878.5024
661.2867	5	E 14	1668.9649	834.9864
774.3708	6	L 13	1539.9223	770.4651
873.4392	7	V 12	1426.8383	713.9230
1001.4978	8	Q 11	1327.7698	664.3888
1157.6241	9	K 10	1199.7113	600.3595
1228.6612	10	A 9	1043.5850	522.2964
1384.7875	11	K 8	972.5479	486.7778
1497.8716	12	L 7	816.4216	408.7147
1568.9087	13	A 6	703.3375	352.1727
1697.9513	14	E 5	632.3004	316.6541
1826.0099	15	Q 4	503.2578	252.1328
1897.0470	16	A 3	375.1992	188.1035
2026.0896	17	E 2	304.1621	152.5850
	18	R 1	175.1195	88.0637

N-term: +43.02 K(3): +156.13
 K(9): +156.13 K(11): +156.13

MDLVAELPRPAGAAR, MH+ 1608.8532, m/z 536.9559
 H OS G25 P150811 220811-s1.08086.08086.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

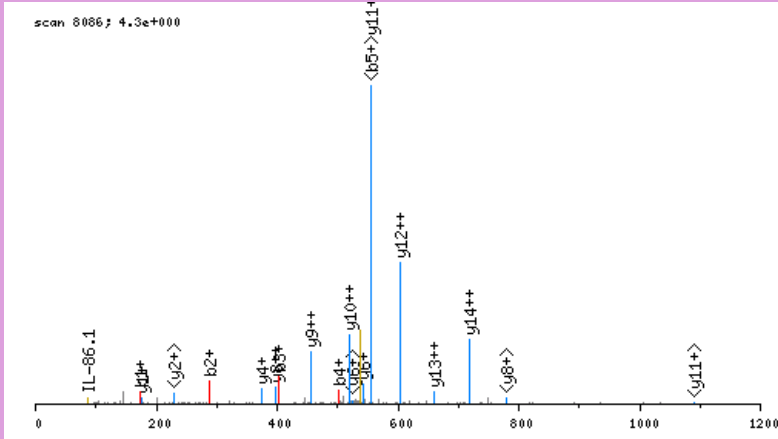
y + 2+ 3+

z + 2+ 3+

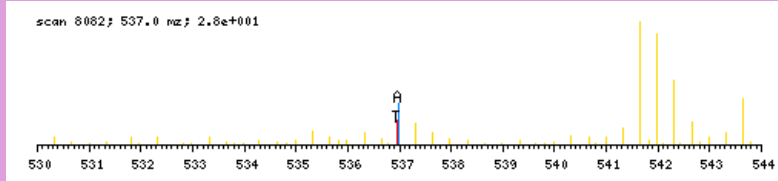
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
174.0589	1	M 15		
289.0858	2	D 14	1435.8021	718.4050
402.1699	3	L 13	1320.7752	660.8915
501.2383	4	V 12	1207.6911	604.3495
572.2754	5	A 11	1108.6227	554.8153
701.3180	6	E 10	1037.5856	519.2967
814.4021	7	L 9	908.5430	454.7754
911.4548	8	P 8	795.4589	398.2334
1067.5560	9	R 7	698.4062	349.7070
1164.6087	10	P 6	542.3051	271.6564
1235.6458	11	A 5	445.2523	223.1301
1292.6673	12	G 4	374.2152	187.6115
1363.7044	13	A 3	317.1937	159.1008
1434.7415	14	A 2	246.1566	123.5822
	15	R 1	175.1195	88.0637

N-term:+43.02

MDLVKSHLMYAVR, MH+ 1632.8606, m/z 544.9584
 H OS G26 P150811 220811-s1.06657.06657.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

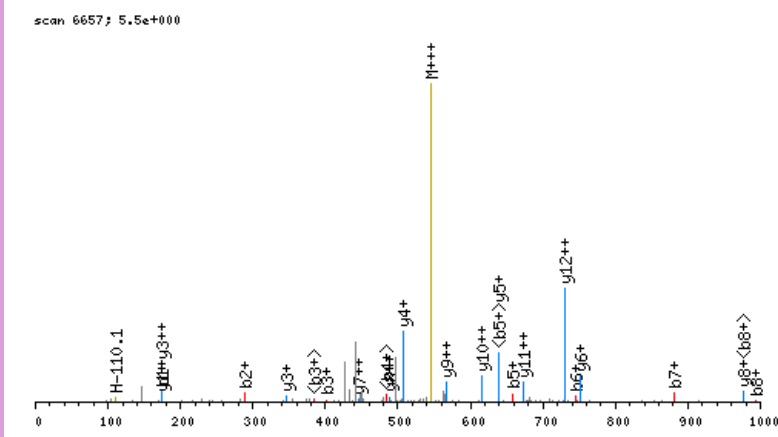
y + 2+ 3+

z + 2+ 3+

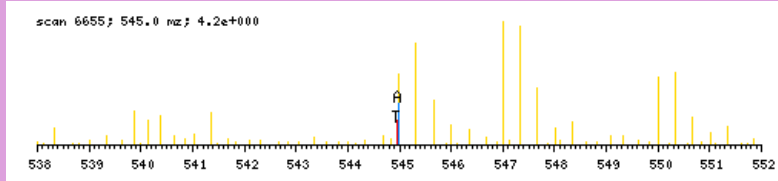
hide H₂O/NH₃

zoom 112-122

GO



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



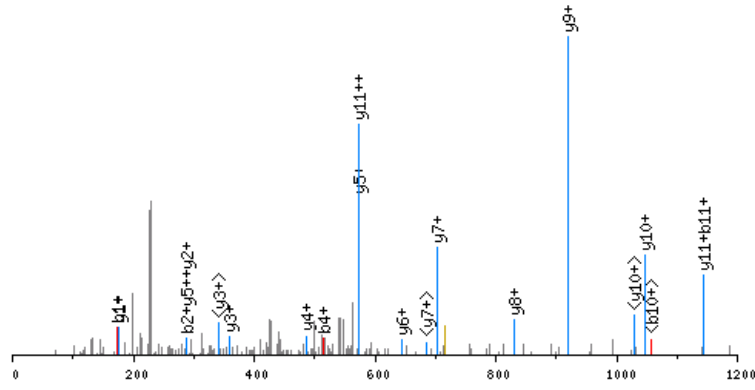
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
174.0589	1	M 13		
289.0858	2	D 12	1459.8096	730.4087
402.1699	3	L 11	1344.7826	672.8952
501.2383	4	V 10	1231.6986	616.3532
657.3646	5	K 9	1132.6301	566.8190
744.3966	6	S 8	976.5038	488.7558
881.4555	7	H 7	889.4718	445.2398
994.5396	8	L 6	752.4129	376.7104
1125.5801	9	M 5	639.3288	320.1683
1288.6434	10	Y 4	508.2884	254.6481
1359.6805	11	A 3	345.2250	173.1164
1458.7490	12	V 2	274.1879	137.5979
	13	R 1	175.1195	88.0637

N-term:+43.02 K(5):+156.13

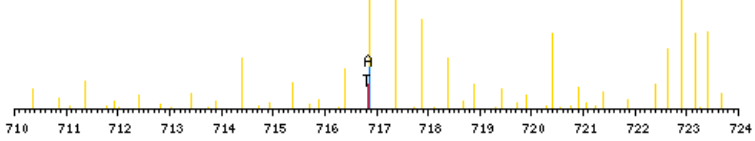
MDPESEGASQALR, MH+ 1432.6378, m/z 716.8226
 H OS G29 P150811 220811-s1.03762.03762.2.dta

scan 3762; 9.7e-001



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

scan 3760; 716.8 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⁺
174.0589	1	M 13		
289.0858	2	D 12	1259.5868	630.2973
386.1386	3	P 11	1144.5598	572.7838
515.1812	4	E 10	1047.5071	524.2575
602.2132	5	S 9	918.4645	459.7362
731.2558	6	E 8	831.4325	416.2201
788.2773	7	G 7	702.3899	351.6988
859.3144	8	A 6	645.3684	323.1881
946.3464	9	S 5	574.3313	287.6696
1074.4050	10	Q 4	487.2993	244.1535
1145.4421	11	A 3	359.2407	180.1243
1258.5262	12	L 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+43.02

MDSAEELLAPLR, MH+ 1386.6939, m/z 693.8506
 H OS G29 P150811 220811-s1.06441.06441.2.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+

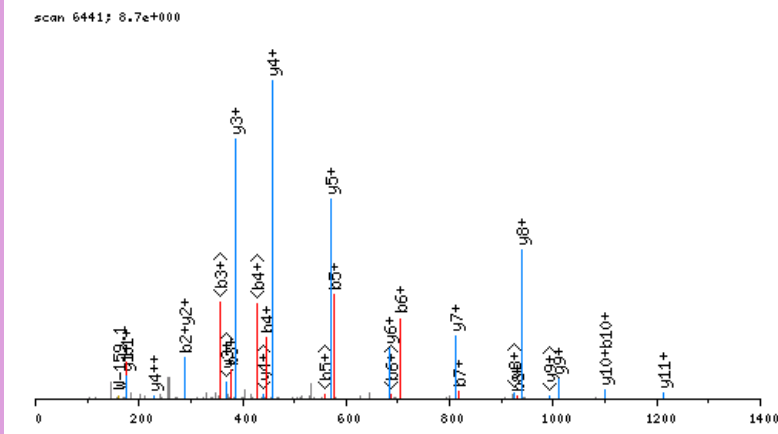
y + 2+ 3+

z + 2+ 3+

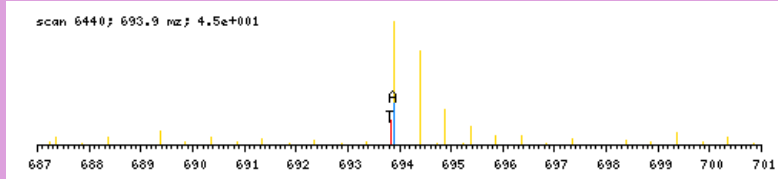
hide H₂O/NH₃

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⁺
174.0589	1	M 12		
289.0858	2	D 11	1213.6428	607.3253
376.1179	3	S 10	1098.6159	549.8119
447.1550	4	A 9	1011.5839	506.2958
576.1976	5	E 8	940.5468	470.7773
705.2402	6	E 7	811.5042	406.2560
818.3242	7	L 6	682.4616	341.7347
931.4083	8	L 5	569.3775	285.1927
1002.4454	9	A 4	456.2934	228.6506
1099.4982	10	P 3	385.2563	193.1321
1212.5822	11	L 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+43.02

MEAADVFHR, MH+ 1117.5101, m/z 559.2587
 H OS G25 P150811 220811-s1.06073.06073.2.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+

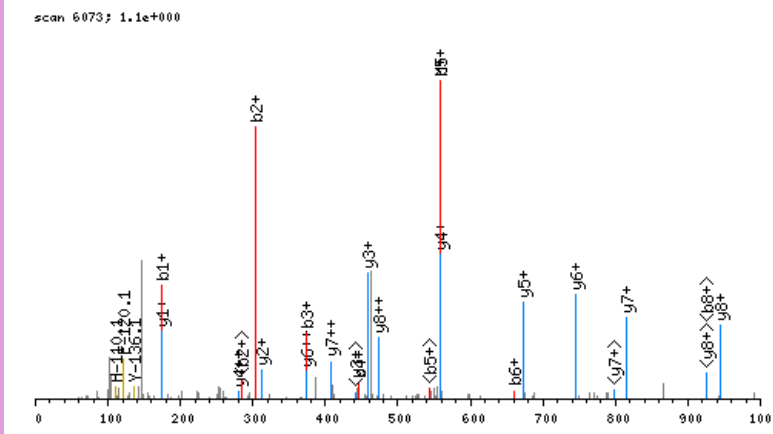
y + 2+ 3+

z + 2+ 3+

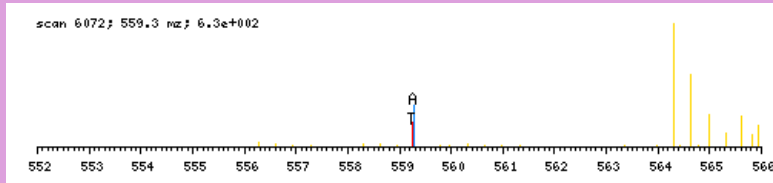
hide H₂O/NH₃

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⁺
174.0589	1	M	9	
303.1015	2	E	8	944.4590
374.1386	3	A	7	815.4164
445.1757	4	A	6	744.3793
560.2026	5	D	5	673.3422
659.2711	6	V	4	558.3152
806.3395	7	F	3	459.2468
943.3984	8	H	2	312.1784
	9	R	1	175.1195

N-term:+43.02

MEGTMEGPEAVQR, MH+ 1476.6463, m/z 738.8268
 H OS G29 P150811 220811-s1.03866.03866.2.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+

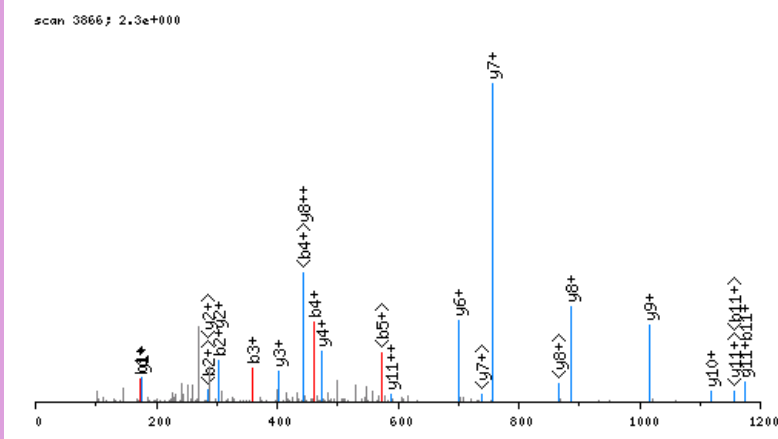
y + 2+ 3+

z + 2+ 3+

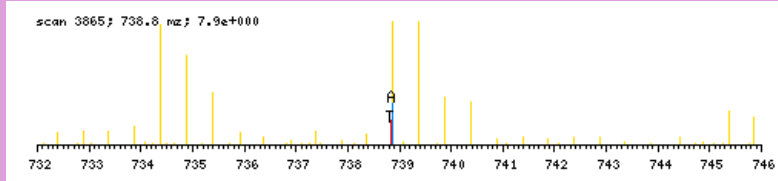
hide H₂O/NH₃

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⁺
174.0589	1	M 13		
303.1015	2	E 12	1303.5952	652.3015
360.1229	3	G 11	1174.5526	587.7802
461.1706	4	T 10	1117.5312	559.2695
592.2111	5	M 9	1016.4835	508.7457
721.2537	6	E 8	885.4430	443.2254
778.2752	7	G 7	756.4004	378.7041
875.3279	8	P 6	699.3790	350.1934
1004.3705	9	E 5	602.3262	301.6670
1075.4076	10	A 4	473.2836	237.1457
1174.4760	11	V 3	402.2465	201.6272
1302.5346	12	Q 2	303.1781	152.0930
	13	R 1	175.1195	88.0637

N-term:+43.02

MEGYSEEASLLR, MH+ 1426.6524, m/z 713.8299
 H OS G29 P150811 220811-s1.05581.05581.2.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+

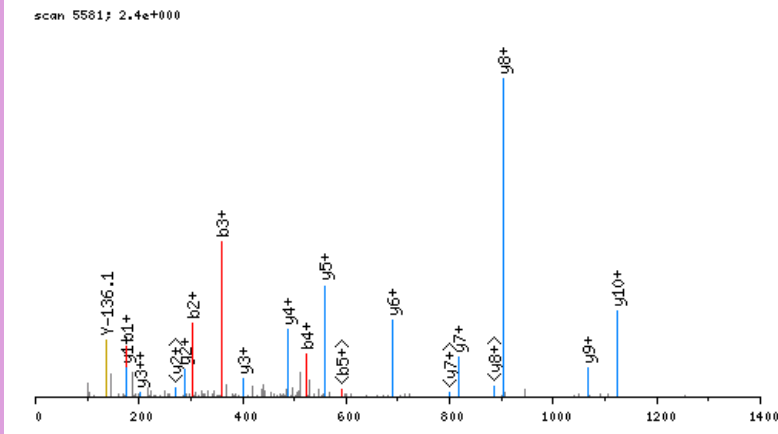
y + 2+ 3+

z + 2+ 3+

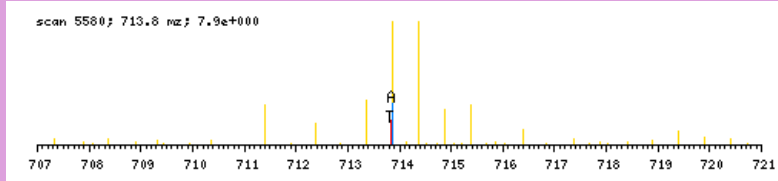
hide H₂O/NH₃

zoom 112-122

GO



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



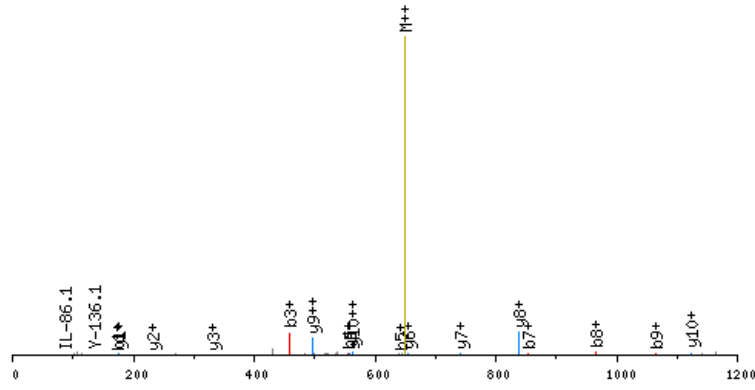
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
174.0589	1	M 12		
303.1015	2	E 11	1253.6014	627.3046
360.1229	3	G 10	1124.5588	562.7833
523.1863	4	Y 9	1067.5373	534.2726
610.2183	5	S 8	904.4740	452.7409
739.2609	6	E 7	817.4420	409.2249
868.3035	7	E 6	688.3994	344.7036
939.3406	8	A 5	559.3568	280.1823
1026.3726	9	S 4	488.3197	244.6637
1139.4567	10	L 3	401.2876	201.1477
1252.5408	11	L 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+43.02

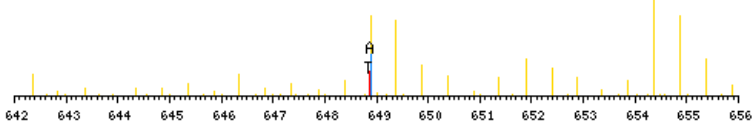
MEKPSPLLVGR, MH+ 1296.7350, m/z 648.8711
 H OS G25 P150811 220811-s1.05705.05705.2.dta

scan 5705; 2.0e+001



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

scan 5702; 648.9 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⁺
174.0589	1	M 11		
303.1015	2	E 10	1123.6840	562.3459
459.2278	3	K 9	994.6414	497.8246
556.2805	4	P 8	838.5151	419.7614
643.3126	5	S 7	741.4623	371.2351
740.3653	6	P 6	654.4303	327.7190
853.4494	7	L 5	557.3775	279.1927
966.5335	8	L 4	444.2934	222.6506
1065.6019	9	V 3	331.2094	166.1086
1122.6233	10	G 2	232.1410	116.5744
	11	R 1	175.1195	88.0637

N-term:+43.02 K(3):+156.13

MEMLPDITGKALMFAKR, MH+ 2107.1391, m/z 703.0512
 H OS G26 P150811 220811-s1.06612.06612.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

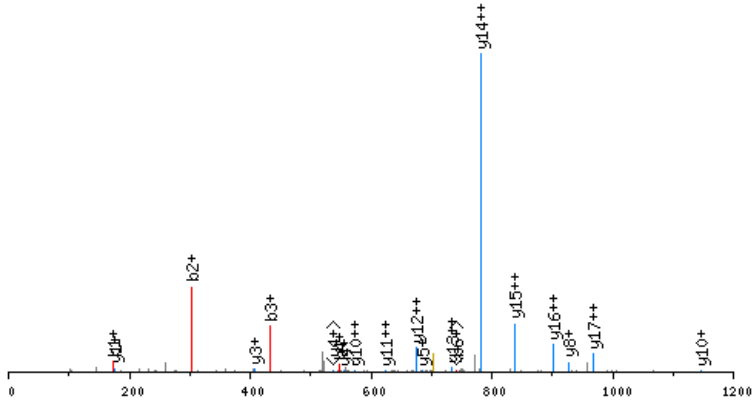
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

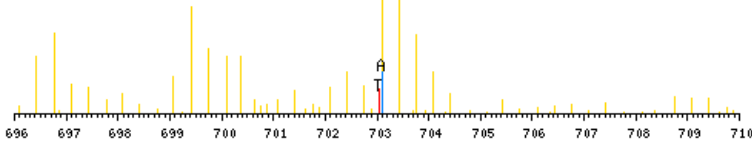
GO

scan 6612; 7.0e+000



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

scan 6610; 703.1 m/z; 3.7e+000



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

b ⁺	#	AA	#	y ⁺	y ²⁺
174.0589	1	M	18		
303.1015	2	E	17	1934.0880	967.5479
434.1420	3	M	16	1805.0454	903.0266
547.2260	4	L	15	1674.0049	837.5064
644.2788	5	P	14	1560.9209	780.9644
759.3057	6	D	13	1463.8681	732.4380
860.3534	7	T	12	1348.8412	674.9245
961.4011	8	T	11	1247.7935	624.4007
1018.4226	9	G	10	1146.7458	573.8768
1180.5807	10	K	9	1089.7244	545.3661
1237.6021	11	G	8	927.5663	464.2870
1308.6392	12	A	7	870.5448	435.7763
1421.7233	13	L	6	799.5077	400.2578
1552.7638	14	M	5	686.4236	343.7157
1699.8322	15	F	4	555.3831	278.1955
1770.8693	16	A	3	408.3147	204.6613
1933.0274	17	K	2	337.2776	169.1427
	18	R	1	175.1195	88.0637

N-term:+43.02 K(10):+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+

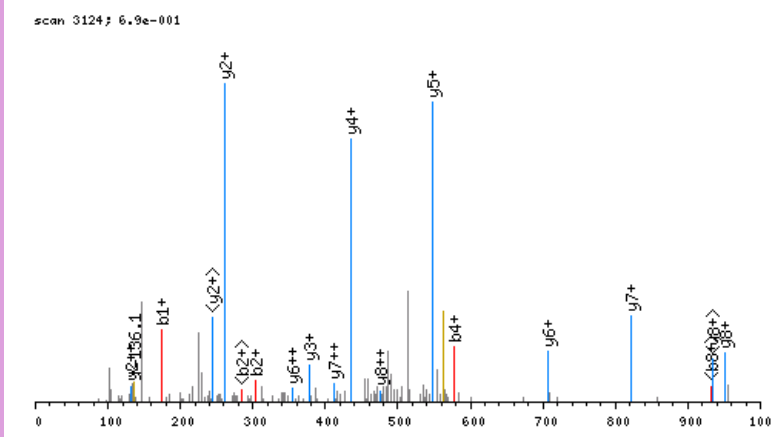
y + 2+ 3+

z + 2+ 3+

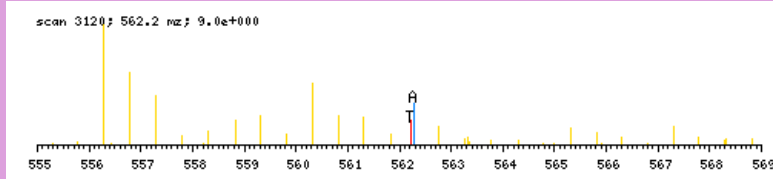
hide H₂O/NH₃

zoom 112-122

GO



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



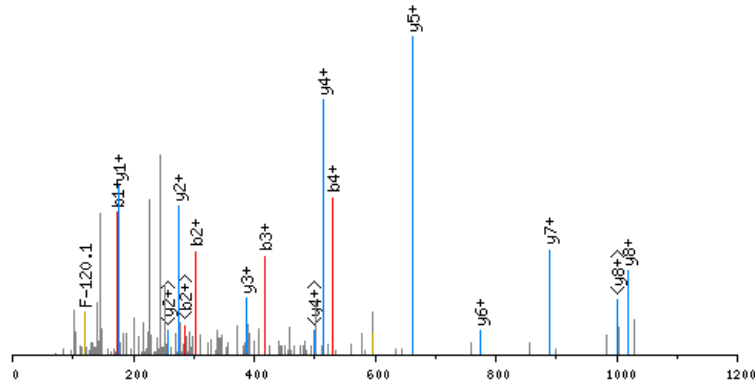
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
174.0589	1	M	9	
303.1015	2	E	8	950.4001
417.1444	3	N	7	821.3575
577.1750	4	C	6	707.3146
690.2591	5	L	5	547.2840
747.2805	6	G	4	434.1999
862.3075	7	D	3	377.1785
949.3395	8	S	2	262.1515
	9	R	1	175.1195

N-term:+43.02 C(4):+160.03

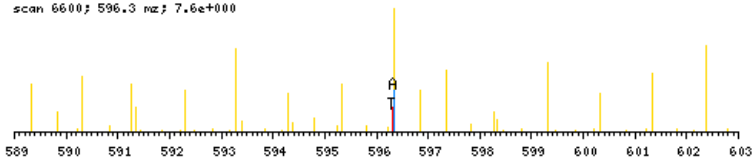
MENLFQLVR, MH+ 1191.6196, m/z 596.3134
 H OS G29 P150811 220811-s1.06601.06601.2.dta

scan 6601; 5.5e-001



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

scan 6600; 596.3 m/z; 7.6e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
174.0589	1	M	9		
303.1015	2	E	8	1018.5686	509.7882
417.1444	3	N	7	889.5260	445.2669
530.2285	4	L	6	775.4830	388.2454
677.2969	5	F	5	662.3990	331.7034
805.3555	6	Q	4	515.3306	258.1692
918.4395	7	L	3	387.2720	194.1399
1017.5079	8	V	2	274.1879	137.5979
	9	R	1	175.1195	88.0637

N-term:+43.02

MEPETLEAR, MH+ 1117.5200, m/z 559.2636
 H OS G29 P150811 220811-s1.03811.03811.2.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+

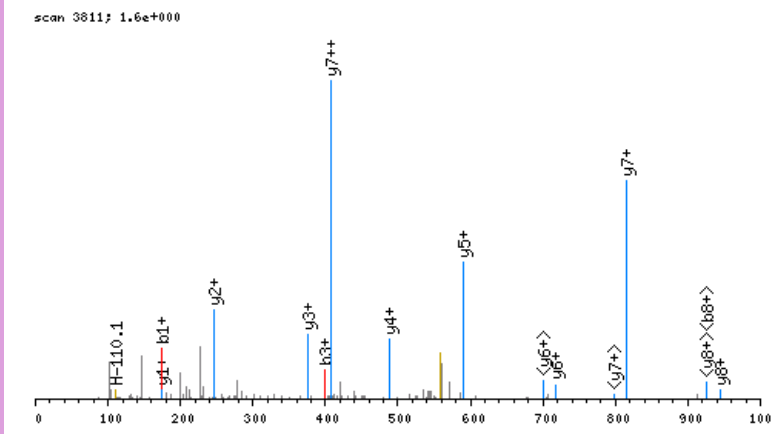
y + 2+ 3+

z + 2+ 3+

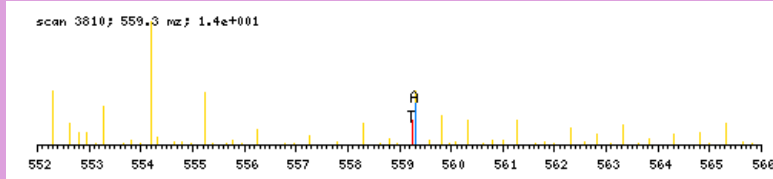
hide H₂O/NH₃

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⁺
174.0589	1	M	9	
303.1015	2	E	8	944.4689
400.1542	3	P	7	815.4263
529.1968	4	E	6	718.3735
630.2445	5	T	5	589.3310
743.3286	6	L	4	488.2833
872.3712	7	E	3	375.1992
943.4083	8	A	2	246.1566
	9	R	1	175.1195

N-term:+43.02

MEPNEEEEDSPGGR, MH+ 1859.7605, m/z 620.5917
 H OS G29 P150811 220811-s1.03909.03909.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

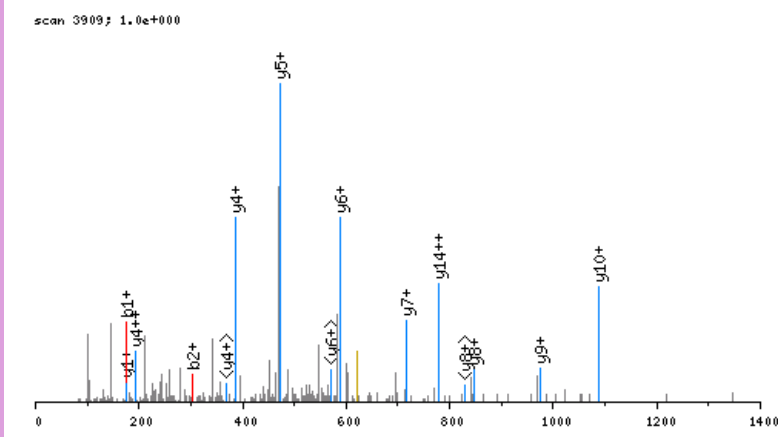
y + 2+ 3+

z + 2+ 3+

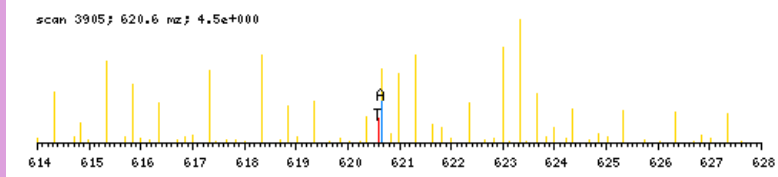
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
174.0589	1	M	16	
303.1015	2	E	15	1686.7095 843.8587
400.1542	3	P	14	1557.6669 779.3374
514.1972	4	N	13	1460.6141 730.8110
643.2398	5	E	12	1346.5712 673.7895
772.2824	6	E	11	1217.5286 609.2682
885.3664	7	L	10	1088.4860 544.7469
1014.4090	8	E	9	975.4019 488.2049
1143.4516	9	E	8	846.3593 423.6836
1272.4942	10	E	7	717.3168 359.1623
1387.5211	11	D	6	588.2742 294.6410
1474.5532	12	S	5	473.2472 237.1275
1571.6059	13	P	4	386.2152 193.6115
1628.6274	14	G	3	289.1624 145.0851
1685.6489	15	G	2	232.1410 116.5744
	16	R	1	175.1195 88.0637

N-term:+43.02

MLGPEGGEGYVVKLR, MH+ 1674.8889, m/z 558.9678
 H OS G25 P150811 220811-s1.07443.07443.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

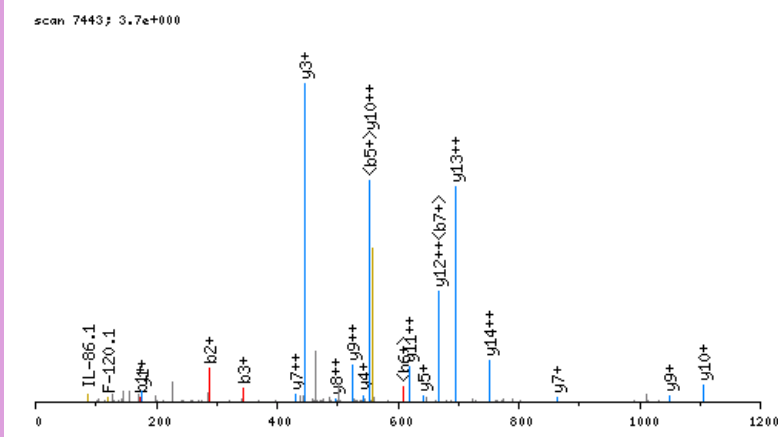
y + 2+ 3+

z + 2+ 3+

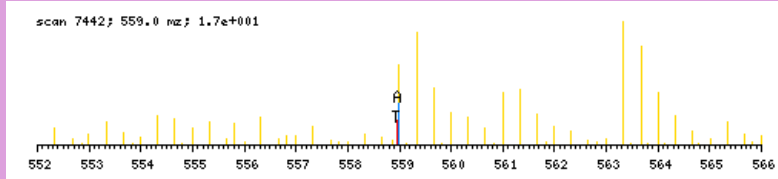
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
174.0589	1	M 15		
287.1429	2	L 14	1501.8379	751.4229
344.1644	3	G 13	1388.7538	694.8808
441.2172	4	P 12	1331.7324	666.3701
570.2598	5	E 11	1234.6796	617.8437
627.2812	6	G 10	1105.6370	553.3224
684.3027	7	G 9	1048.6155	524.8117
813.3453	8	E 8	991.5941	496.3010
870.3668	9	G 7	862.5515	431.7797
1033.4301	10	Y 6	805.5300	403.2689
1132.4985	11	V 5	642.4667	321.7373
1231.5669	12	V 4	543.3983	272.2031
1387.6932	13	K 3	444.3299	222.6688
1500.7773	14	L 2	288.2036	144.6057
	15	R 1	175.1195	88.0637

N-term:+43.02 K(13):+156.13

MLQQELLSR, MH+ 1159.6145, m/z 580.3109
 H OS G29 P150811 220811-s1.05667.05667.2.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+

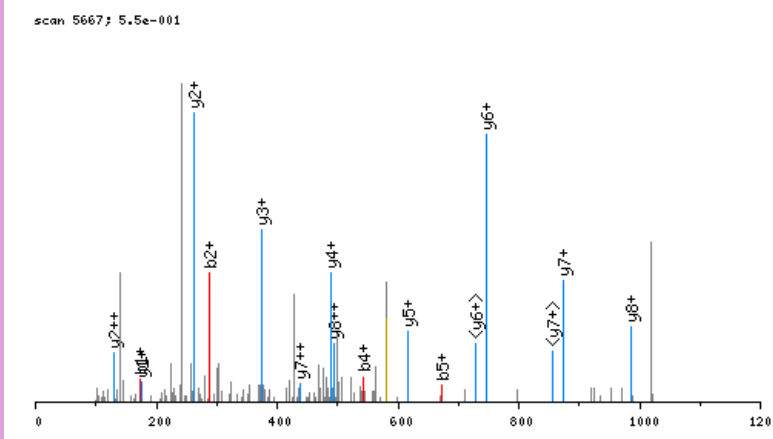
y + 2+ 3+

z + 2+ 3+

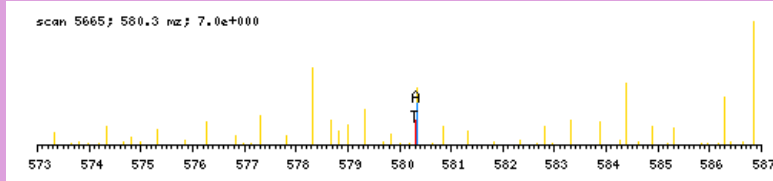
hide H₂O/NH₃

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⁺
174.0589	1	M	9	
287.1429	2	L	8	986.5635 493.7856
415.2015	3	Q	7	873.4794 437.2436
543.2601	4	Q	6	745.4208 373.2143
672.3027	5	E	5	617.3623 309.1850
785.3868	6	L	4	488.3197 244.6637
898.4708	7	L	3	375.2356 188.1217
985.5029	8	S	2	262.1515 131.5797
	9	R	1	175.1195 88.0637

N-term:+43.02

MLSTEGR, MH+ 835.3984, m/z 418.2028
 H OS G29 P150811 220811-s1.04073.04073.2.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+

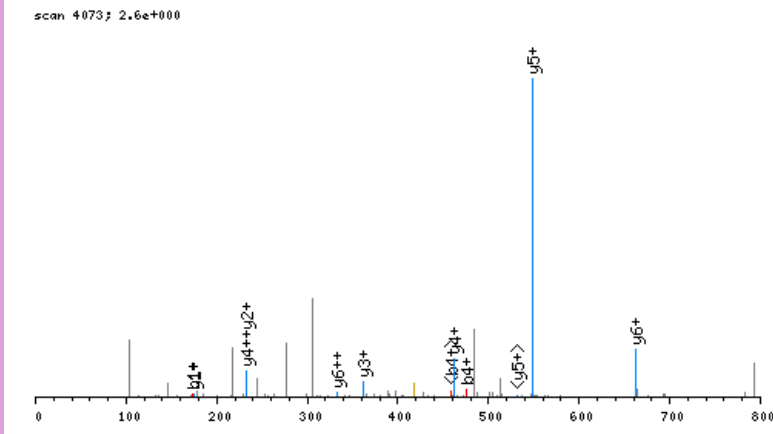
y + 2+ 3+

z + 2+ 3+

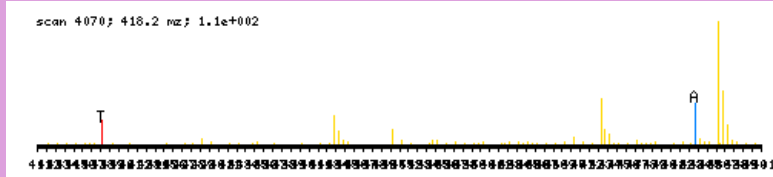
hide H₂O/NH₃

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⁺
174.0589	1	M	7	
287.1429	2	L	6	662.3473 331.6776
374.1750	3	S	5	549.2633 275.1355
475.2227	4	T	4	462.2312 231.6195
604.2652	5	E	3	361.1836 181.0957
661.2867	6	G	2	232.1410 116.5744
	7	R	1	175.1195 88.0637

N-term:+43.02

MMAAAAER, MH+ 892.4021, m/z 446.7047
 H OS G29 P150811 220811-s1.04563.04563.2.dta

scan 4563; 1.5e+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+

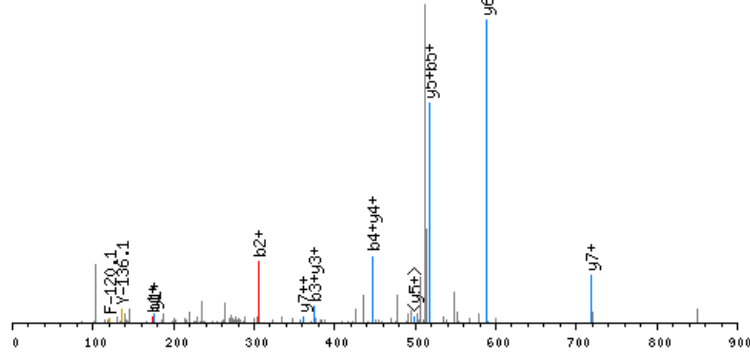
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

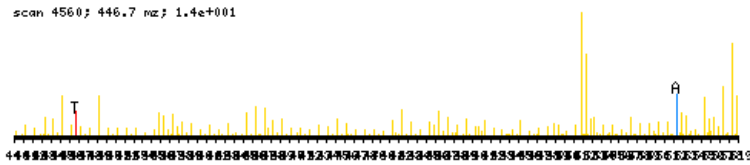
zoom 112-122

GO



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

scan 4560; 446.7 m/z; 1.4e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
174.0589	1	M 8		
305.0994	2	M 7	719.3510	360.1794
376.1365	3	A 6	588.3105	294.6592
447.1736	4	A 5	517.2734	259.1406
518.2107	5	A 4	446.2363	223.6221
589.2478	6	A 3	375.1992	188.1035
718.2904	7	E 2	304.1621	152.5850
	8	R 1	175.1195	88.0637

N-term:+43.02

MNTEQSQNTIVSR, MH+ 1549.7281, m/z 517.2475
 H OS G29 P150811 220811-s1.03239.03239.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

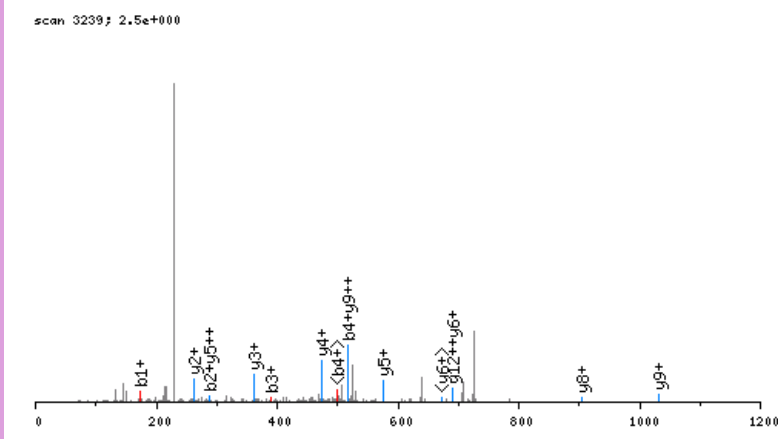
y + 2+ 3+

z + 2+ 3+

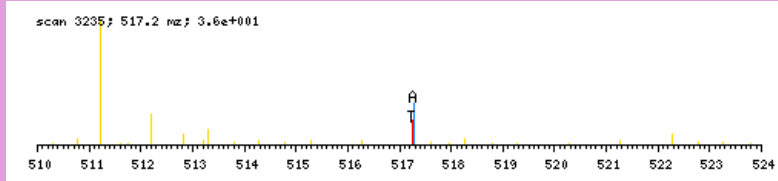
hide H₂O/NH₃

zoom 112-122

GO



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



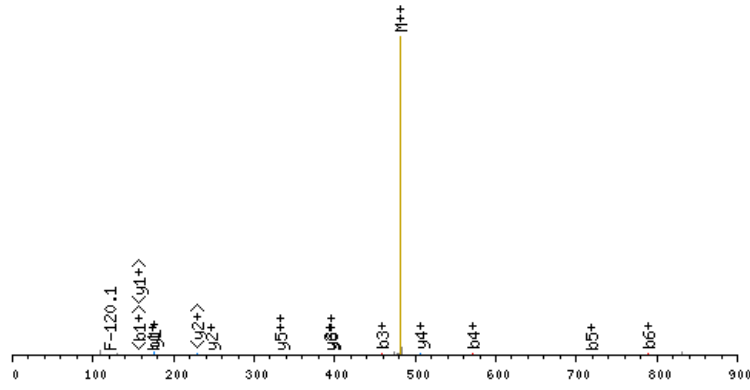
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
174.0589	1	M 13		
288.1018	2	N 12	1376.6770	688.8424
389.1495	3	T 11	1262.6341	631.8209
518.1921	4	E 10	1161.5864	581.2971
646.2507	5	Q 9	1032.5438	516.7758
733.2827	6	S 8	904.4852	452.7465
861.3413	7	Q 7	817.4532	409.2305
975.3842	8	N 6	689.3946	345.2012
1076.4319	9	T 5	575.3517	288.1798
1189.5159	10	I 4	474.3040	237.6559
1288.5844	11	V 3	361.2199	181.1139
1375.6164	12	S 2	262.1515	131.5797
	13	R 1	175.1195	88.0637

N-term:+43.02

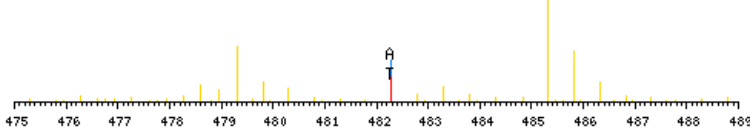
MQKIFAR, MH+ 963.5450, m/z 482.2762
 H OS G25 P150811 220811-s1.05653.05653.2.dta

scan 5653; 3.0e+001



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

scan 5652; 482.3 m/z; 1.4e+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⁺
174.0589	1	M	7	
302.1175	2	Q	6	790.4940
458.2438	3	K	5	662.4354
571.3278	4	I	4	506.3091
718.3962	5	F	3	393.2250
789.4334	6	A	2	246.1566
	7	R	1	175.1195

N-term:+43.02 K(3):+156.13

MQQVEASLQPETLR, MH+ 1671.8376, m/z 557.9507
 H OS G24 P150811 220811-s1.03545.03545.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

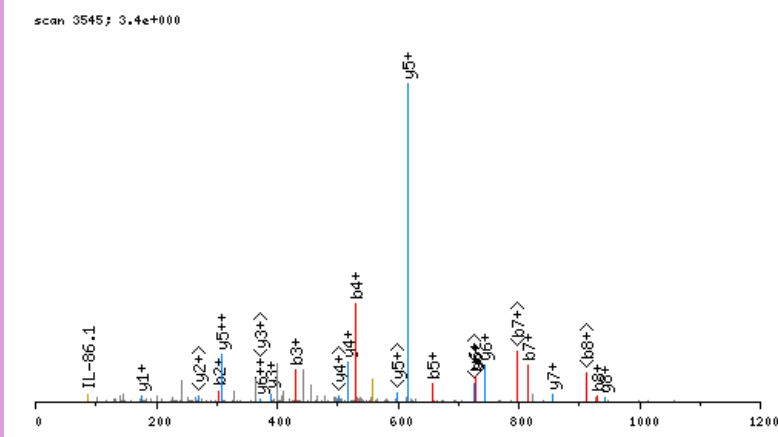
y + 2+ 3+

z + 2+ 3+

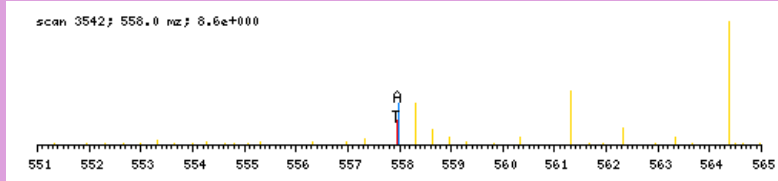
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
174.0589	1	M 14		
302.1175	2	Q 13	1498.7865	749.8972
430.1760	3	Q 12	1370.7280	685.8679
529.2445	4	V 11	1242.6694	621.8386
658.2870	5	E 10	1143.6010	572.3044
729.3242	6	A 9	1014.5584	507.7831
816.3562	7	S 8	943.5213	472.2645
929.4403	8	L 7	856.4892	428.7485
1057.4988	9	Q 6	743.4052	372.2065
1154.5516	10	P 5	615.3466	308.1772
1283.5942	11	E 4	518.2938	259.6508
1384.6419	12	T 3	389.2512	195.1295
1497.7259	13	L 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+43.02

MTEEHTDLEAR, MH+ 1373.6007, m/z 687.3040
 H OS G25 P150811 220811-s1.04759.04759.2.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+

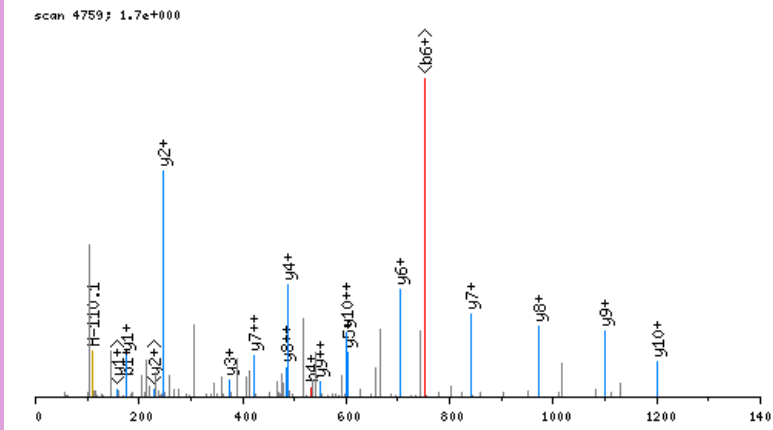
y + 2+ 3+

z + 2+ 3+

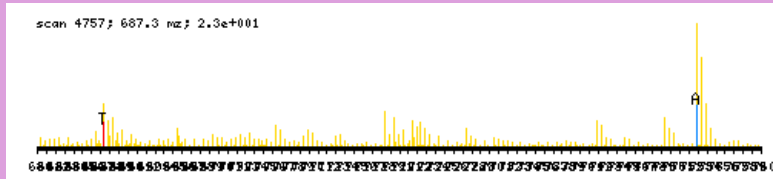
hide H₂O/NH₃

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⁺
174.0589	1	M 11		
275.1066	2	T 10	1200.5497	600.7787
404.1492	3	E 9	1099.5020	550.2549
533.1917	4	E 8	970.4594	485.7336
670.2507	5	H 7	841.4168	421.2123
771.2983	6	T 6	704.3579	352.6829
886.3253	7	D 5	603.3102	302.1590
999.4093	8	L 4	488.2833	244.6455
1128.4519	9	E 3	375.1992	188.1035
1199.4891	10	A 2	246.1566	123.5822
	11	R 1	175.1195	88.0637

N-term:+43.02

NAGSDPVVIVSAAR, MH+ 1397.7389, m/z 699.3731
 H OS G29 P150811 220811-s1.05149.05149.2.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+

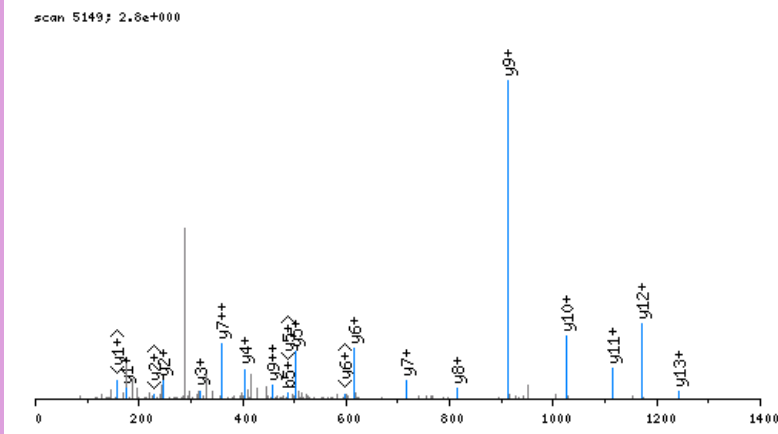
y + 2+ 3+

z + 2+ 3+

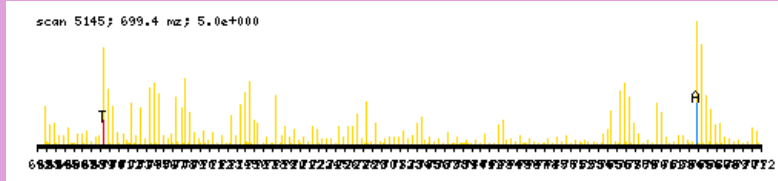
hide H₂O/NH₃

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⁺
157.0613	1	N 14		
228.0984	2	A 13	1241.6854	621.3466
285.1199	3	G 12	1170.6483	585.8280
372.1519	4	S 11	1113.6268	557.3173
487.1789	5	D 10	1026.5948	513.8013
584.2316	6	P 9	911.5678	456.2878
683.3001	7	V 8	814.5151	407.7614
782.3685	8	V 7	715.4466	358.2272
895.4525	9	I 6	616.3782	308.6930
994.5209	10	V 5	503.2942	252.1510
1081.5530	11	S 4	404.2258	202.6168
1152.5901	12	A 3	317.1937	159.1008
1223.6272	13	A 2	246.1566	123.5822
	14	R 1	175.1195	88.0637

N-term:+43.02

NGPLHPR, MH+ 832.4430, m/z 416.7251
 H OS G25 P150811 220811-s1.03426.03426.2.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+

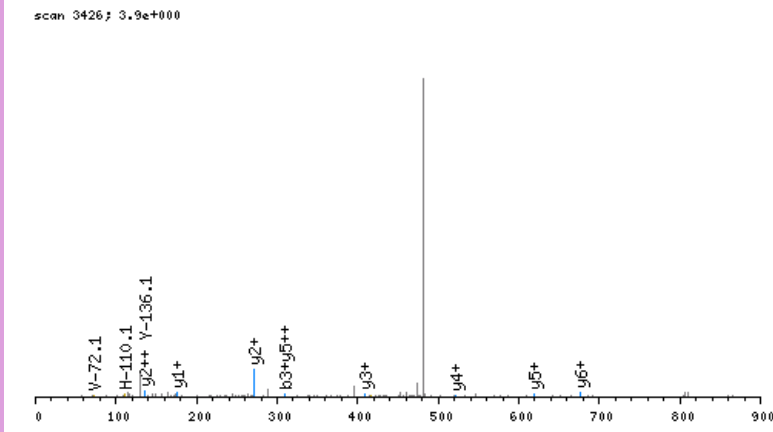
y + 2+ 3+

z + 2+ 3+

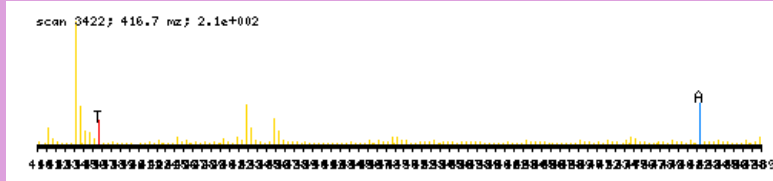
hide H₂O/NH₃

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⁺
157.0613	1	N	7	
214.0828	2	G	6	676.3895 338.6986
311.1356	3	P	5	619.3680 310.1879
424.2196	4	L	4	522.3152 261.6615
561.2785	5	H	3	409.2312 205.1195
658.3313	6	P	2	272.1723 136.5900
	7	R	1	175.1195 88.0637

N-term:+43.02

NHTSQAFITAASGGQPPNYER, MH+ 2288.0696, m/z 763.3614
 H OS G24 P150811 220811-s1.04045.04045.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

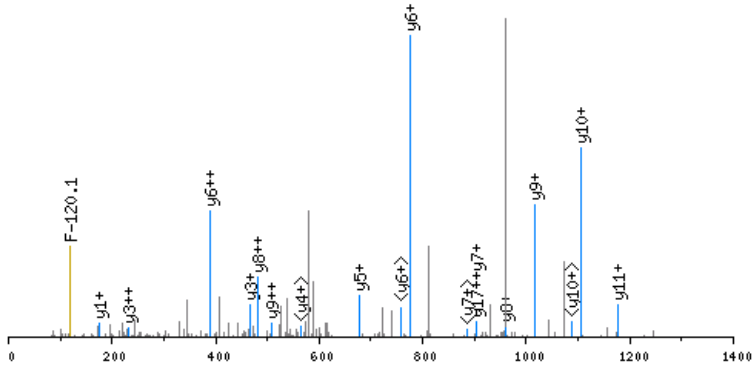
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

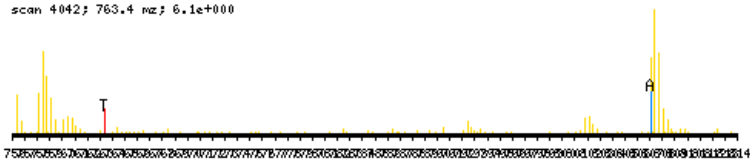
GO

scan 4045; 1.9e+000



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

scan 4042; 763.4 m/z; 6.1e+000



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

b ⁺	#	AA #	y ⁺	y ²⁺
157.0613	1	N 21		
294.1202	2	H 20	2132.0161	1066.5120
395.1679	3	T 19	1994.9572	997.9825
482.1999	4	S 18	1893.9095	947.4587
610.2585	5	Q 17	1806.8775	903.9427
681.2956	6	A 16	1678.8189	839.9134
828.3641	7	F 15	1607.7818	804.3948
941.4481	8	I 14	1460.7134	730.8606
1042.4958	9	T 13	1347.6293	674.3186
1113.5329	10	A 12	1246.5816	623.7947
1184.5700	11	A 11	1175.5445	588.2762
1271.6021	12	S 10	1104.5074	552.7576
1328.6235	13	G 9	1017.4754	509.2416
1385.6450	14	G 8	960.4539	480.7309
1513.7036	15	Q 7	903.4325	452.2201
1610.7563	16	P 6	775.3739	388.1909
1707.8091	17	P 5	678.3211	339.6645
1821.8520	18	N 4	581.2683	291.1381
1984.9153	19	Y 3	467.2254	234.1166
2113.9579	20	E 2	304.1621	152.5850
	21	R 1	175.1195	88.0637

N-term:+43.02

NKAPQPTGPPPAR, MH+ 1400.7651, m/z 467.5932
 H OS G24 P150811 220811-s1.02742.02742.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

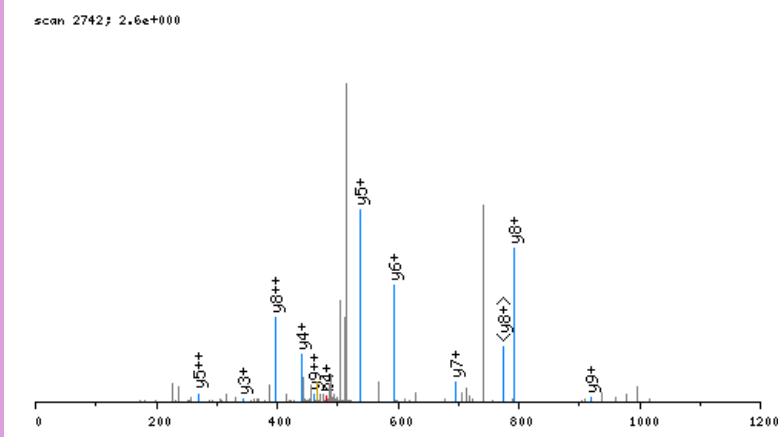
y + 2+ 3+

z + 2+ 3+

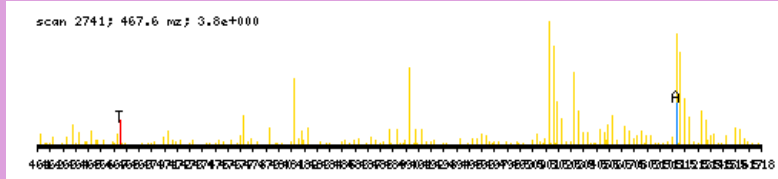
hide H₂O/NH₃

zoom 112-122

GO



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



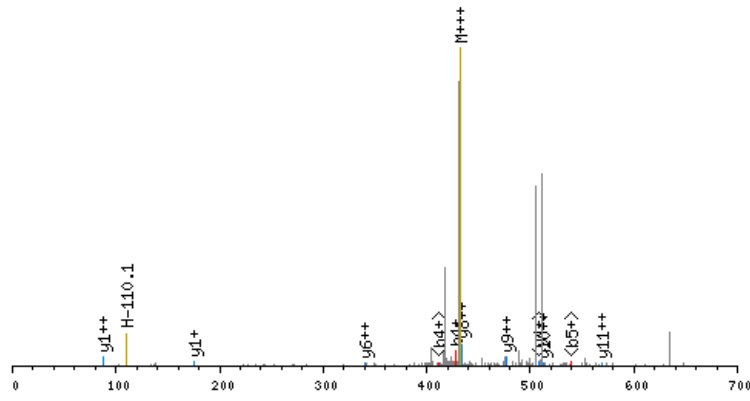
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
157.0613	1	N 13		
313.1876	2	K 12	1244.7116	622.8597
384.2247	3	A 11	1088.5853	544.7965
481.2775	4	P 10	1017.5482	509.2780
609.3361	5	Q 9	920.4954	460.7516
706.3888	6	P 8	792.4368	396.7223
807.4365	7	T 7	695.3840	348.1959
864.4580	8	G 6	594.3364	297.6721
961.5108	9	P 5	537.3149	269.1614
1058.5635	10	P 4	440.2621	220.6350
1155.6163	11	P 3	343.2094	172.1086
1226.6534	12	A 2	246.1566	123.5822
	13	R 1	175.1195	88.0637

N-term:+43.02 K(2):+156.13

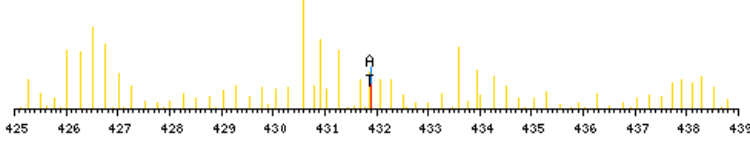
NNASEGPRPPR, MH+ 1293.6300, m/z 431.8815
 H OS G28 P150811 220811-s1.02076.02076.3.dta

scan 2076; 1.9e+000



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

scan 2073; 431.9 m/z; 1.2e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

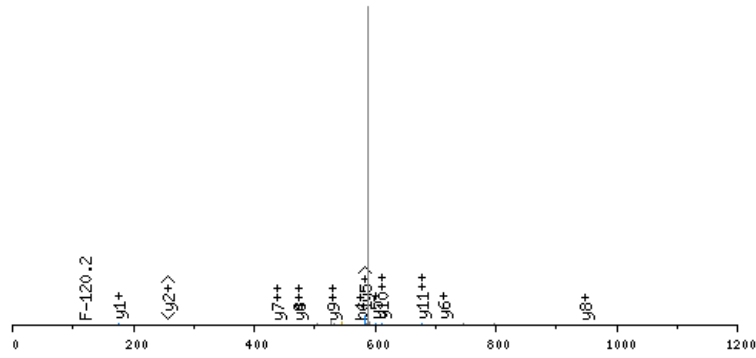
GO

b ⁺	#	AA #	y ⁺	y ²⁺
157.0613	1	N 12		
271.1043	2	N 11	1137.5765	569.2922
342.1414	3	A 10	1023.5336	512.2707
429.1734	4	S 9	952.4965	476.7521
558.2160	5	E 8	865.4644	433.2361
615.2375	6	G 7	736.4218	368.7148
712.2902	7	P 6	679.4004	340.2041
769.3117	8	G 5	582.3476	291.6777
925.4128	9	R 4	525.3261	263.1670
1022.4656	10	P 3	369.2250	185.1164
1119.5183	11	P 2	272.1723	136.5900
	12	R 1	175.1195	88.0637

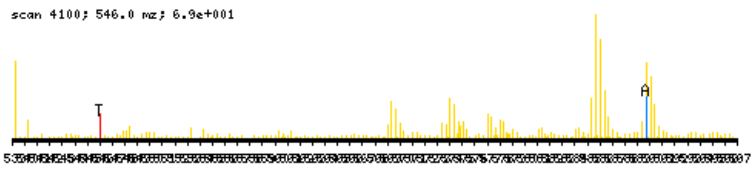
N-term:+43.02

NQEKLAKLQAQVR, MH+ 1636.0183, m/z 546.0110
 H OS G26 P150811 220811-s1.04102.04102.3.dta

scan 4102; 7.0e+001



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



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
157.0613	1	N	13		
285.1199	2	Q	12	1479.9648	740.4863
414.1625	3	E	11	1351.9062	676.4570
576.3206	4	K	10	1222.8636	611.9357
689.4047	5	L	9	1060.7055	530.8567
760.4418	6	A	8	947.6215	474.3146
922.5999	7	K	7	876.5843	438.7961
1035.6839	8	L	6	714.4262	357.7170
1163.7425	9	Q	5	601.3422	301.1750
1234.7796	10	A	4	473.2836	237.1457
1362.8382	11	Q	3	402.2465	201.6272
1461.9066	12	V	2	274.1879	137.5979
	13	R	1	175.1195	88.0637

N-term:+43.02 K(4):+162.16
 K(7):+162.16

NRPAPVEISYENMR, MH+ 1717.8332, m/z 573.2826
 H OS G25 P150811 220811-s1.06221.06221.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

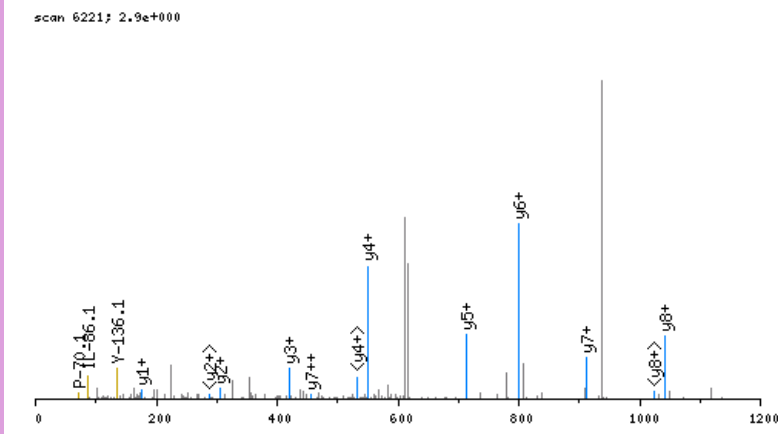
y + 2+ 3+

z + 2+ 3+

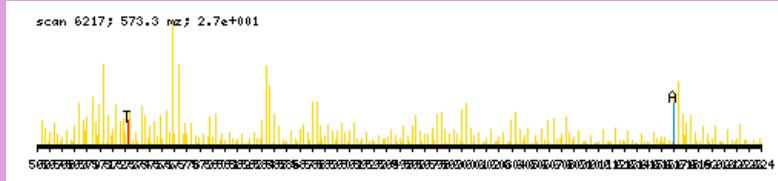
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
157.0613	1	N 14		
313.1624	2	R 13	1561.7797	781.3938
410.2152	3	P 12	1405.6786	703.3432
481.2523	4	A 11	1308.6258	654.8168
578.3051	5	P 10	1237.5887	619.2983
677.3735	6	V 9	1140.5359	570.7719
806.4161	7	E 8	1041.4675	521.2377
919.5002	8	I 7	912.4249	456.7164
1006.5322	9	S 6	799.3409	400.1743
1169.5955	10	Y 5	712.3088	356.6583
1298.6381	11	E 4	549.2455	275.1267
1412.6810	12	N 3	420.2029	210.6054
1543.7215	13	M 2	306.1600	153.5839
	14	R 1	175.1195	88.0637

N-term:+43.02

NSVGEACTDMKR, MH+ 1443.6784, m/z 722.3428
 H OS G25 P150811 220811-s1.04284.04284.2.dta

scan 4284; 4.6e+000

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

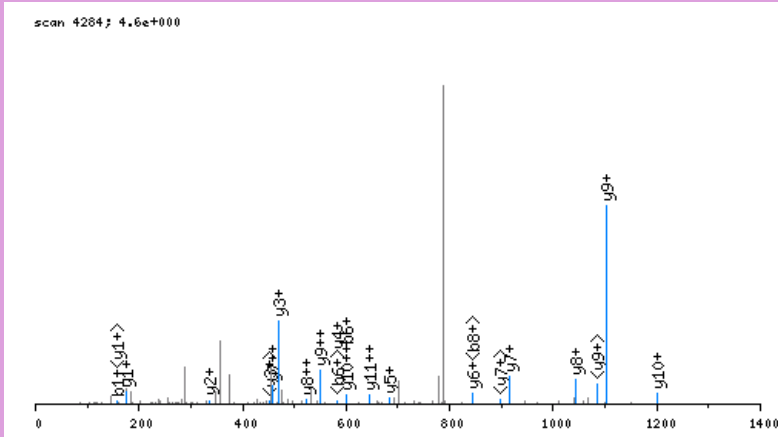
y + 2+ 3+

z + 2+ 3+

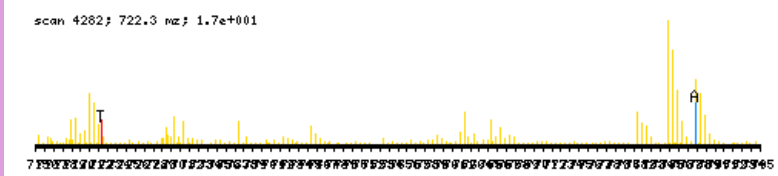
hide H₂O/NH₃

zoom 112-122

GO



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



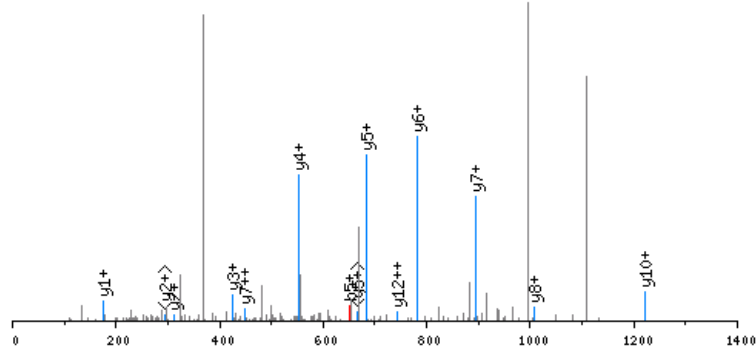
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
157.0613	1	N	12		
244.0934	2	S	11	1287.6249	644.3164
343.1618	3	V	10	1200.5929	600.8004
400.1832	4	G	9	1101.5245	551.2662
529.2258	5	E	8	1044.5030	522.7554
600.2629	6	A	7	915.4604	458.2341
760.2935	7	C	6	844.4233	422.7156
861.3412	8	T	5	684.3927	342.7003
976.3682	9	D	4	583.3450	292.1764
1107.4086	10	M	3	468.3181	234.6630
1269.5667	11	K	2	337.2776	169.1427
	12	R	1	175.1195	88.0637

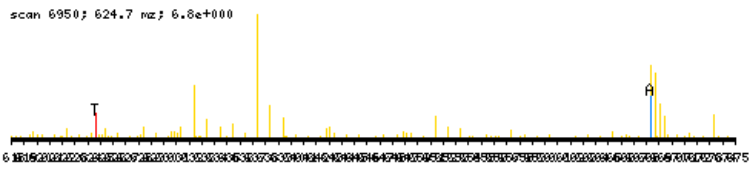
N-term:+43.02 C(7):+160.03
 K(11):+162.16

NVEHEVNLLVEEIHR, MH+ 1871.9616, m/z 624.6587
 H OS G26 P150811 220811-s1.06952.06952.3.dta

scan 6952; 1.4e+000



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



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
157.0613	1	N 15		
256.1297	2	V 14	1715.9081	858.4579
385.1723	3	E 13	1616.8396	808.9237
522.2312	4	H 12	1487.7971	744.4024
651.2738	5	E 11	1350.7381	675.8730
750.3423	6	V 10	1221.6955	611.3517
864.3852	7	N 9	1122.6271	561.8175
977.4692	8	L 8	1008.5842	504.7960
1090.5533	9	L 7	895.5001	448.2540
1189.6217	10	V 6	782.4161	391.7120
1318.6643	11	E 5	683.3477	342.1777
1447.7069	12	E 4	554.3051	277.6564
1560.7910	13	I 3	425.2625	213.1352
1697.8499	14	H 2	312.1784	156.5931
	15	R 1	175.1195	88.0637

N-term:+43.02

NVNDLKQR, MH+ 1062.6120, m/z 531.8097
 H OS G25 P150811 220811-s1.04200.04200.2.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+

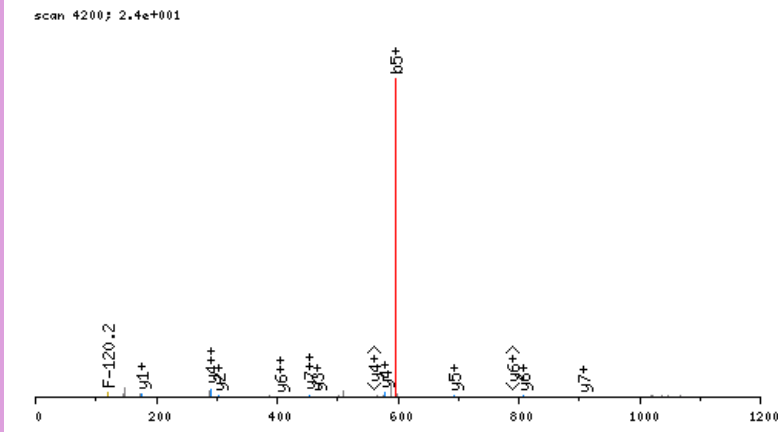
y + 2+ 3+

z + 2+ 3+

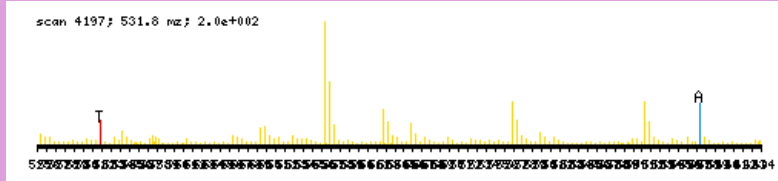
hide H₂O/NH₃

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⁺
157.0613	1	N	8	
256.1297	2	V	7	906.5585 453.7832
370.1727	3	N	6	807.4901 404.2490
485.1996	4	D	5	693.4472 347.2275
598.2837	5	L	4	578.4202 289.7140
760.4418	6	K	3	465.3362 233.1720
888.5004	7	Q	2	303.1781 152.0930
	8	R	1	175.1195 88.0637

N-term:+43.02 K(6):+162.16

NVVDLGR, MH+ 814.4423, m/z 407.7248
 H OS G29 P150811 220811-s1.05073.05073.2.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+

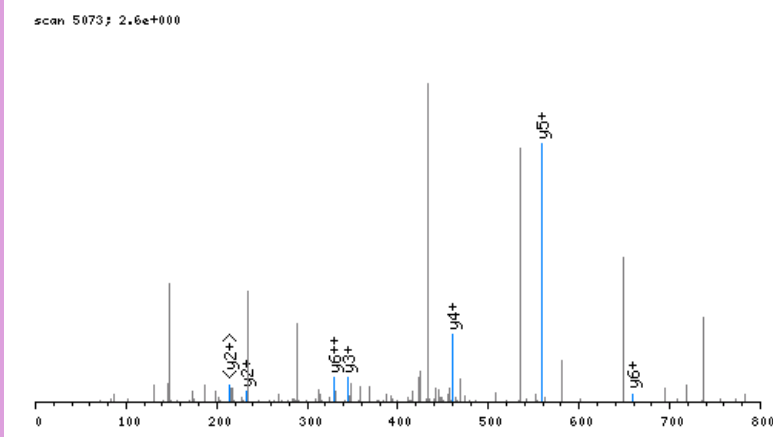
y + 2+ 3+

z + 2+ 3+

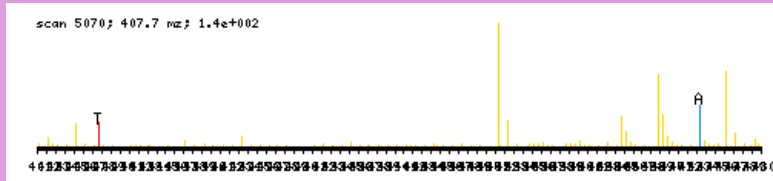
hide H₂O/NH₃

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⁺
157.0613	1	N	7	
256.1297	2	V	6	658.3888 329.6983
355.1982	3	V	5	559.3204 280.1641
470.2251	4	D	4	460.2520 230.6299
583.3092	5	L	3	345.2250 173.1164
640.3306	6	G	2	232.1410 116.5744
	7	R	1	175.1195 88.0637

N-term:+43.02

QAALVETAR, MH+ 1000.5427, m/z 500.7750
 H OS G29 P150811 220811-s1.05112.05112.2.dta

scan 5112; 8.6e-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+

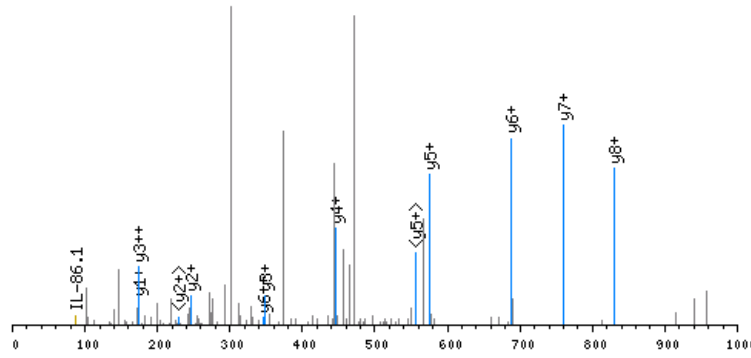
y + 2+ 3+

z + 2+ 3+

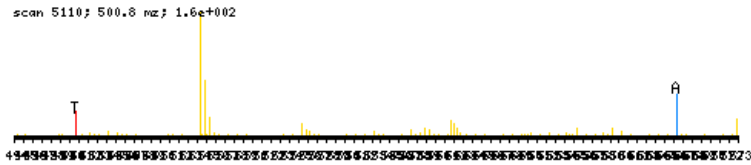
hide H₂O/NH₃

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⁺
171.0770	1	Q	9	
242.1141	2	A	8	830.4736
313.1512	3	A	7	759.4365
426.2353	4	L	6	688.3994
555.2779	5	E	5	575.3153
654.3463	6	V	4	446.2727
755.3940	7	T	3	347.2043
826.4311	8	A	2	246.1566
	9	R	1	175.1195

N-term:+43.02

QDAENVAVPEAAEER, MH+ 1669.7669, m/z 557.2605
 H OS G29 P150811 220811-s1.04471.04471.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

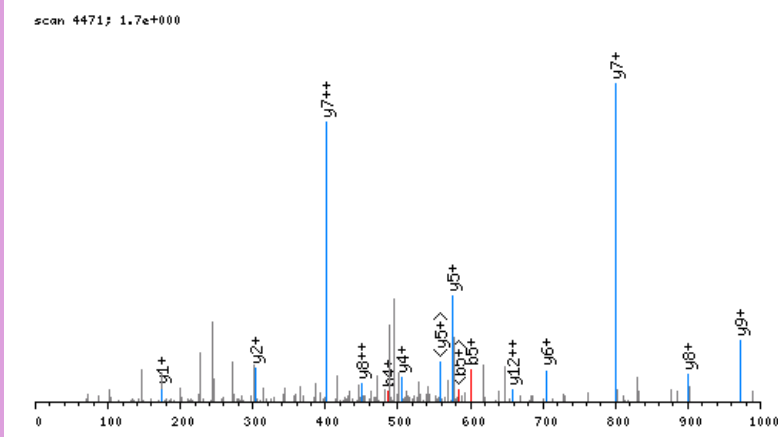
y + 2+ 3+

z + 2+ 3+

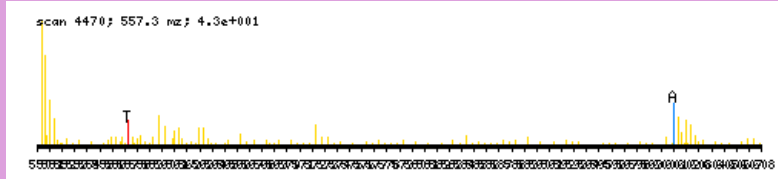
hide H₂O/NH₃

zoom 112-122

GO



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



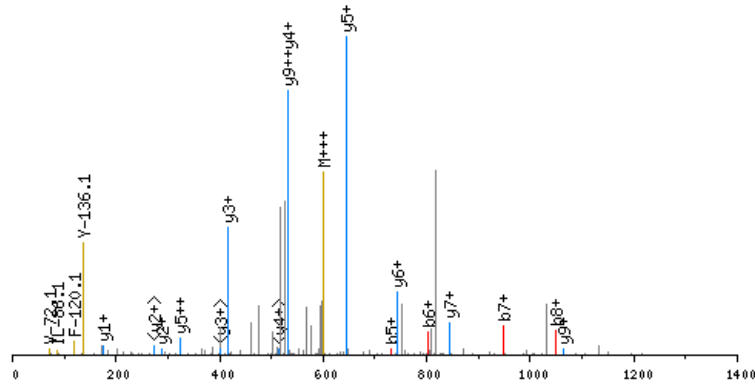
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
171.0770	1	Q 15		
286.1039	2	D 14	1499.6978	750.3528
357.1410	3	A 13	1384.6708	692.8393
486.1836	4	E 12	1313.6337	657.3208
600.2266	5	N 11	1184.5911	592.7995
699.2950	6	V 10	1070.5482	535.7780
770.3321	7	A 9	971.4798	486.2438
869.4005	8	V 8	900.4427	450.7253
966.4533	9	P 7	801.3743	401.1910
1095.4959	10	E 6	704.3215	352.6647
1166.5330	11	A 5	575.2789	288.1434
1237.5701	12	A 4	504.2418	252.6248
1366.6127	13	E 3	433.2047	217.1063
1495.6553	14	E 2	304.1621	152.5850
	15	R 1	175.1195	88.0637

N-term:+43.02

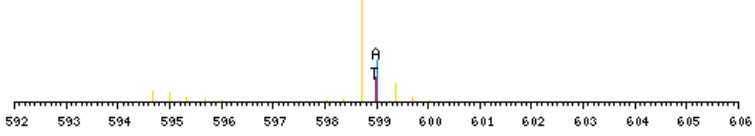
QEFKEAFTVIDQNR, MH+ 1794.9027, m/z 598.9724
 H OS G26 P150811 220811-s1.05156.05156.3.dta

scan 5156; 2.6e+001



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

scan 5155; 599.0 m/z; 1.6e+003



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
171.0770	1	Q 14		
300.1196	2	E 13	1624.8335	812.9207
447.1880	3	F 12	1495.7909	748.3994
603.3143	4	K 11	1348.7225	674.8652
732.3569	5	E 10	1192.5962	596.8020
803.3940	6	A 9	1063.5536	532.2807
950.4624	7	F 8	992.5165	496.7622
1051.5101	8	T 7	845.4481	423.2280
1150.5785	9	V 6	744.4004	372.7041
1263.6626	10	I 5	645.3320	323.1699
1378.6895	11	D 4	532.2479	266.6279
1506.7481	12	Q 3	417.2210	209.1144
1620.7910	13	N 2	289.1624	145.0851
	14	R 1	175.1195	88.0637

N-term:+43.02 K(4):+156.13

QEMNLLPTPEPVTR, MH+ 1753.8795, m/z 585.2980
 H OS G29 P150811 220811-s1.06247.06247.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

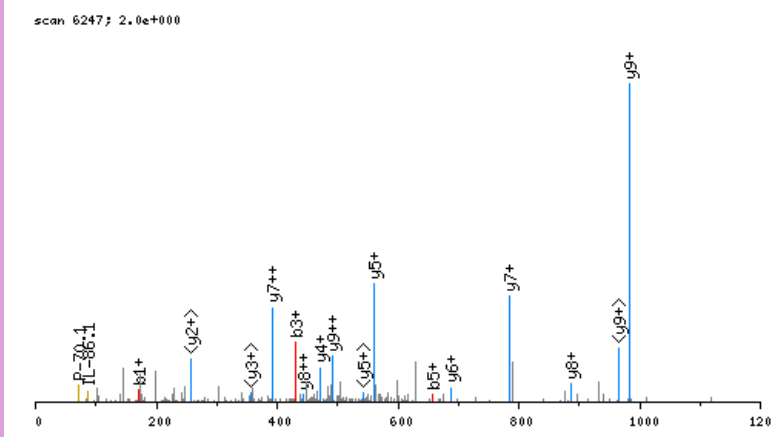
y + 2+ 3+

z + 2+ 3+

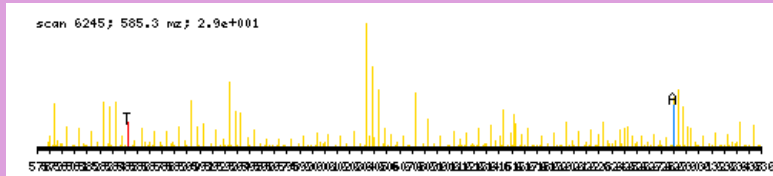
hide H₂O/NH₃

zoom 112-122

GO



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



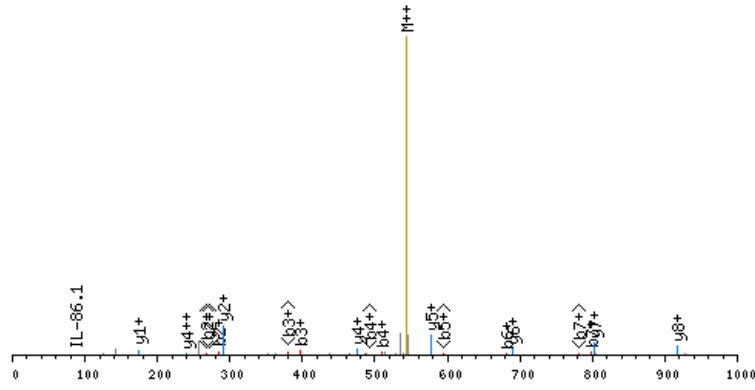
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
171.0770	1	Q 15		
300.1196	2	E 14	1583.8103	792.4091
431.1601	3	M 13	1454.7677	727.8878
545.2030	4	N 12	1323.7272	662.3675
658.2870	5	L 11	1209.6843	605.3461
771.3711	6	L 10	1096.6002	548.8040
868.4239	7	P 9	983.5162	492.2620
969.4716	8	T 8	886.4634	443.7356
1066.5243	9	P 7	785.4157	393.2118
1195.5669	10	E 6	688.3630	344.6854
1282.5989	11	S 5	559.3204	280.1641
1379.6517	12	P 4	472.2884	236.6481
1478.7201	13	V 3	375.2356	188.1217
1579.7678	14	T 2	276.1672	138.5875
	15	R 1	175.1195	88.0637

N-term:+43.02

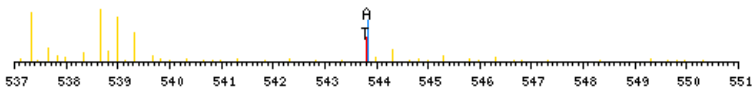
QLLLTADDR, MH+ 1086.5795, m/z 543.7934
 H OS G25 P150811 220811-s1.05396.05396.2.dta

scan 5396; 1.2e+001



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

scan 5392; 543.8 m/z; 1.4e+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⁺
171.0770	1	Q	9	
284.1610	2	L	8	916.5104
397.2451	3	L	7	803.4263
510.3292	4	L	6	690.3422
611.3768	5	T	5	577.2582
682.4140	6	A	4	476.2105
797.4409	7	D	3	405.1734
912.4678	8	D	2	290.1464
	9	R	1	175.1195

N-term:+43.02

QNDAGEFVDLYVPR, MH+ 1664.7920, m/z 555.6022
 H OS G29 P150811 220811-s1.06342.06342.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

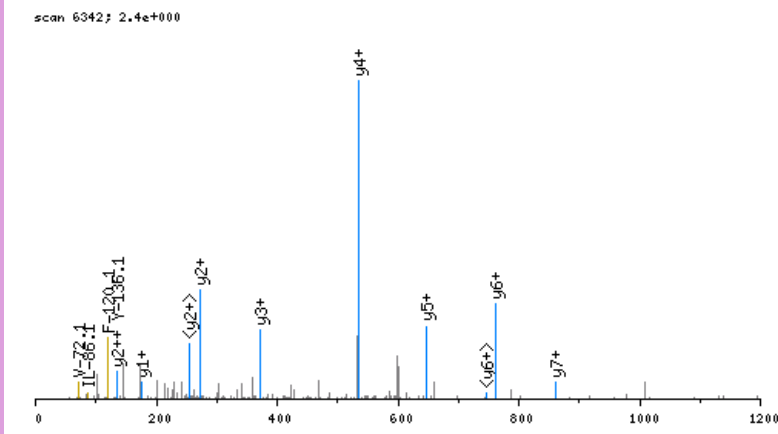
y + 2+ 3+

z + 2+ 3+

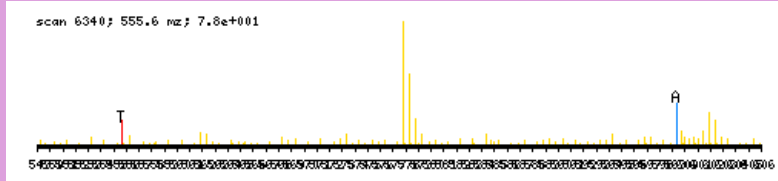
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
171.0770	1	Q 14		
285.1199	2	N 13	1494.7229	747.8654
400.1468	3	D 12	1380.6800	690.8439
471.1840	4	A 11	1265.6530	633.3304
528.2054	5	G 10	1194.6159	597.8119
657.2480	6	E 9	1137.5944	569.3011
804.3164	7	F 8	1008.5518	504.7798
903.3848	8	V 7	861.4834	431.2456
1018.4118	9	D 6	762.4150	381.7114
1131.4959	10	L 5	647.3881	324.1979
1294.5592	11	Y 4	534.3040	267.6559
1393.6276	12	V 3	371.2407	186.1243
1490.6804	13	P 2	272.1723	136.5900
	14	R 1	175.1195	88.0637

N-term:+43.02

QNGKILLIMNIDMEPGAVDPQLR, MH+ 2623.3588, m/z 656.5952
 H OS G26 P150811 220811-s1.04796.04796.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

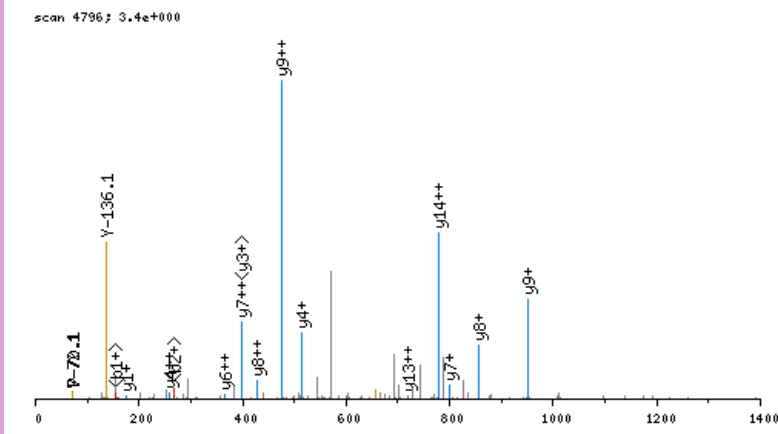
y + 2+ 3+

z + 2+ 3+

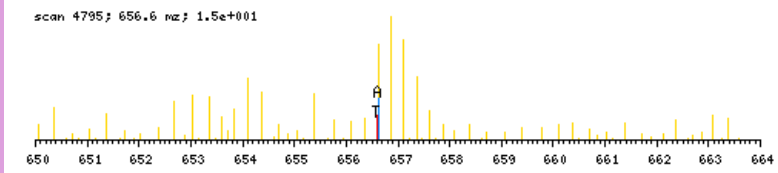
hide H₂O/NH₃

zoom 112-122

GO



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



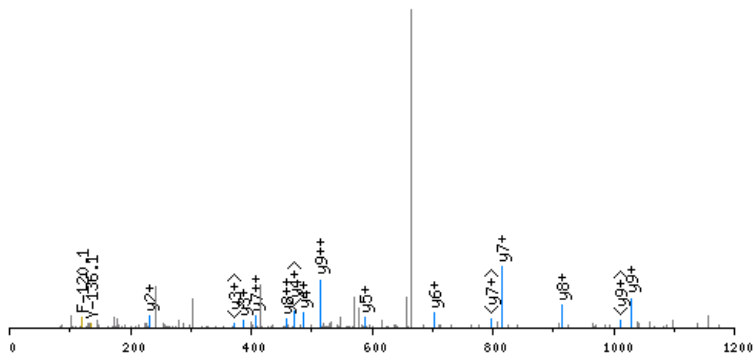
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
171.0770	1	Q 23		
285.1199	2	N 22	2453.2897	1227.1487
342.1414	3	G 21	2339.2467	1170.1273
498.2677	4	K 20	2282.2253	1141.6165
599.3153	5	T 19	2126.0990	1063.5534
712.3994	6	L 18	2025.0513	1013.0296
825.4835	7	L 17	1911.9672	956.4875
938.5675	8	I 16	1798.8832	899.9455
1069.6080	9	M 15	1685.7991	843.4035
1183.6510	10	N 14	1554.7586	777.8832
1296.7350	11	I 13	1440.7157	720.8618
1411.7620	12	D 12	1327.6316	664.3197
1542.8024	13	M 11	1212.6047	606.8063
1671.8450	14	E 10	1081.5642	541.2860
1768.8978	15	P 9	952.5216	476.7647
1825.9193	16	G 8	855.4688	428.2383
1896.9564	17	A 7	798.4474	399.7276
1996.0248	18	V 6	727.4103	364.2090
2111.0517	19	D 5	628.3418	314.6748
2208.1045	20	P 4	513.3149	257.1614
2336.1631	21	Q 3	416.2621	208.6350
2449.2471	22	L 2	288.2036	144.6057
	23	R 1	175.1195	88.0637

N-term:+43.02 K(4):+156.13

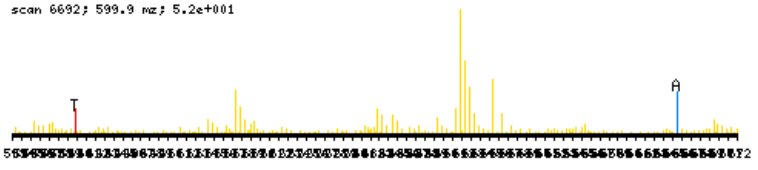
QNVINIVKGGK, MH+ 1198.7160, m/z 599.8617
 H OS G25 P150811 220811-s1.06695.06695.2.dta

scan 6695; 2.7e+000



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

scan 6692; 599.9 mz; 5.2e+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⁺
171.0770	1	Q	10	
285.1199	2	N	9	1028.6469
384.1883	3	V	8	914.6040
497.2724	4	I	7	815.5355
611.3153	5	N	6	702.4515
712.3630	6	T	5	588.4085
811.4314	7	V	4	487.3609
967.5577	8	K	3	388.2925
1024.5792	9	G	2	232.1662
	10	K	1	175.1447

N-term:+43.02 K(8):+156.13
 K(10):+156.13

QPASAKWYDR, MH+ 1291.6436, m/z 646.3254
 H OS G25 P150811 220811-s1.05135.05135.2.dta

scan 5135; 9.3e+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+

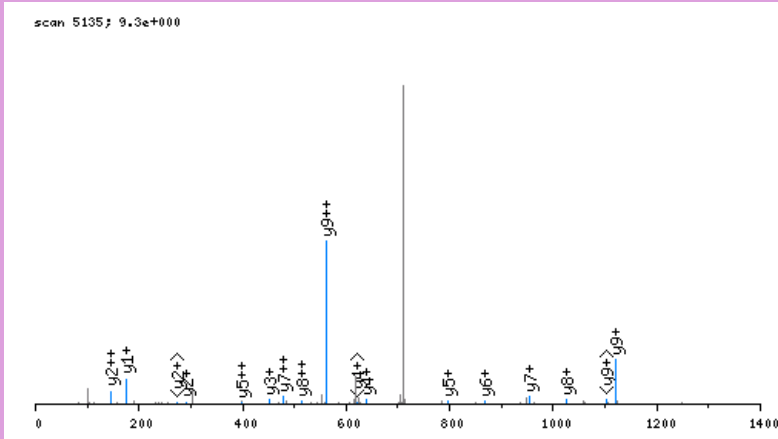
y + 2+ 3+

z + 2+ 3+

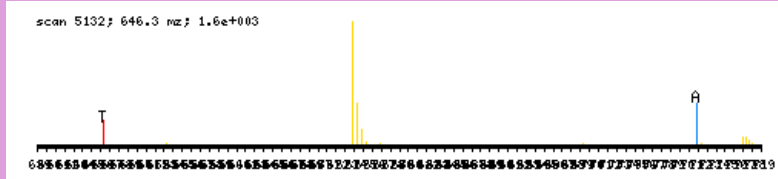
hide H₂O/NH₃

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⁺
171.0770	1	Q	10	
268.1297	2	P	9	1121.5744 561.2911
339.1669	3	A	8	1024.5216 512.7647
426.1989	4	S	7	953.4845 477.2462
497.2360	5	A	6	866.4525 433.7302
653.3623	6	K	5	795.4154 398.2116
839.4416	7	W	4	639.2891 320.1485
1002.5049	8	Y	3	453.2098 227.1088
1117.5319	9	D	2	290.1464 145.5771
	10	R	1	175.1195 88.0637

N-term:+43.02 K(6):+156.13

QSAPLEQPAKRPR, MH+ 1547.8658, m/z 516.6268
 H OS G27 P150811 220811-s1.03246.03246.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

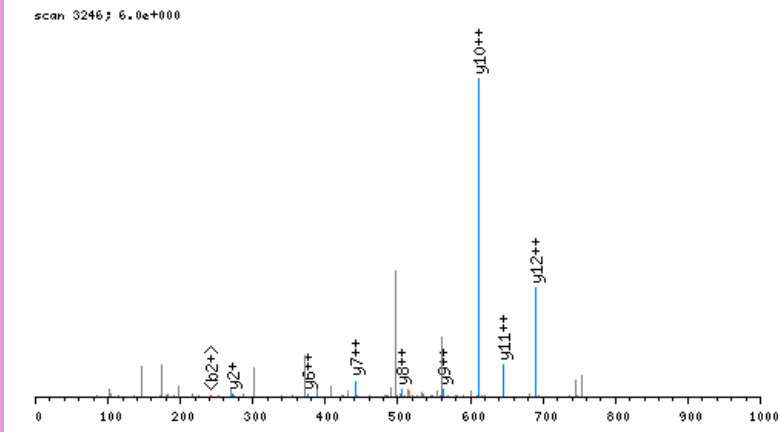
y + 2+ 3+

z + 2+ 3+

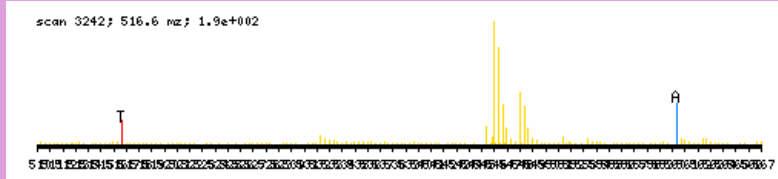
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
171.0770	1	Q	13	
258.1090	2	S	12	1377.7967
329.1461	3	A	11	1290.7647
426.1989	4	P	10	1219.7276
539.2829	5	L	9	1122.6748
668.3255	6	E	8	1009.5907
796.3841	7	Q	7	880.5481
893.4369	8	P	6	752.4896
964.4740	9	A	5	655.4368
1120.6003	10	K	4	584.3997
1276.7014	11	R	3	428.2734
1373.7542	12	P	2	272.1723
	13	R	1	175.1195

N-term:+43.02 K(10):+156.13

QVQTKIKHPSLRR, MH+ 1701.0925, m/z 567.7023
 H OS G25 P150811 220811-s1.09110.09110.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

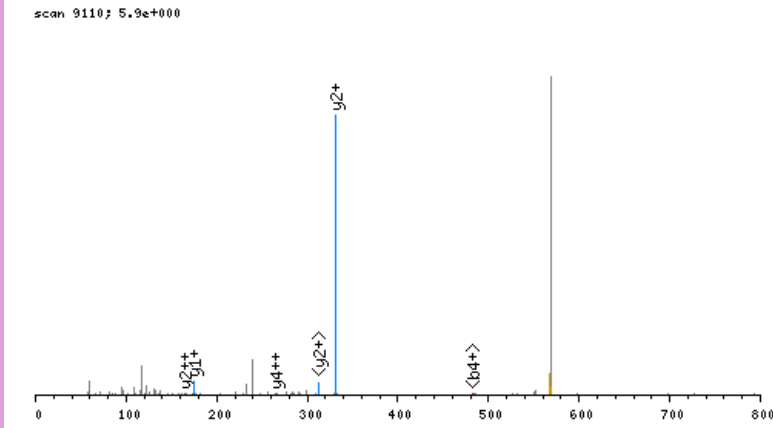
y + 2+ 3+

z + 2+ 3+

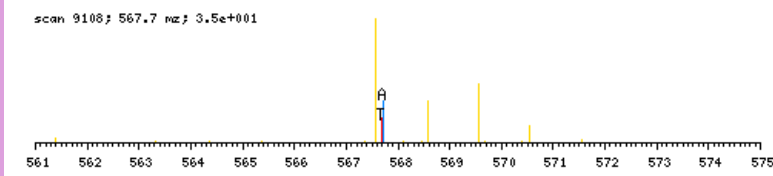
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
171.0770	1	Q	13	
270.1454	2	V	12	1531.0233 766.0156
398.2040	3	Q	11	1431.9549 716.4814
499.2516	4	T	10	1303.8963 652.4521
661.4097	5	K	9	1202.8486 601.9282
774.4938	6	I	8	1040.6905 520.8492
936.6519	7	K	7	927.6065 464.3072
1073.7108	8	H	6	765.4484 383.2281
1170.7636	9	P	5	628.3895 314.6986
1257.7956	10	S	4	531.3367 266.1723
1370.8797	11	L	3	444.3047 222.6563
1526.9808	12	R	2	331.2206 166.1142
	13	R	1	175.1195 88.0637

N-term:+43.02 K(5):+162.16
 K(7):+162.16

RVDGDNIYVR, MH+ 1248.6337, m/z 624.8205
 H OS G29 P150811 220811-s1.06277.06277.2.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+

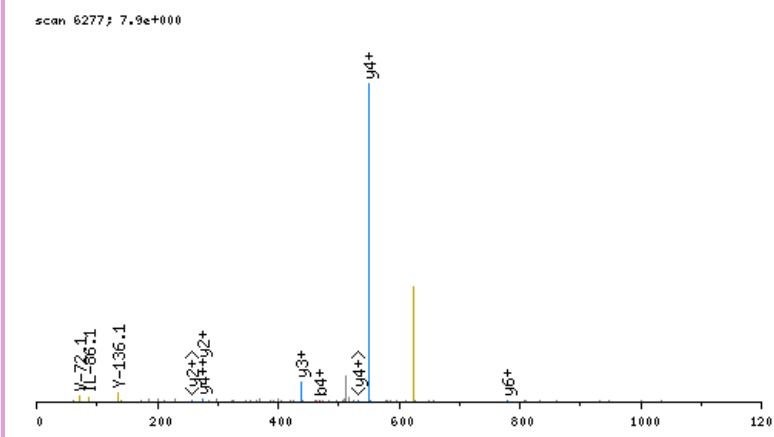
y + 2+ 3+

z + 2+ 3+

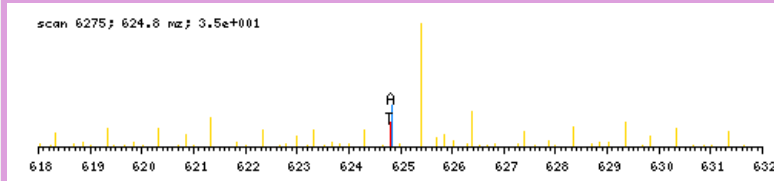
hide H₂O/NH₃

zoom 112-122

GO



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



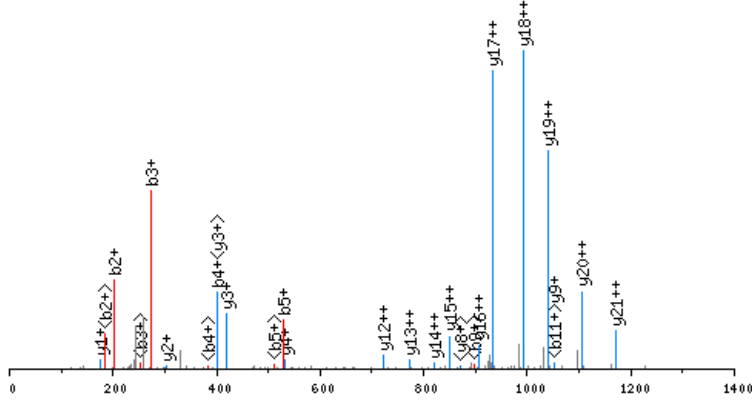
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
199.1195	1	R 10		
298.1879	2	V 9	1050.5220	525.7649
413.2149	3	D 8	951.4536	476.2307
470.2363	4	G 7	836.4266	418.7172
585.2633	5	D 6	779.4052	390.2065
699.3062	6	N 5	664.3782	332.6930
812.3903	7	I 4	550.3353	275.6716
975.4536	8	Y 3	437.2512	219.1295
1074.5220	9	V 2	274.1879	137.5979
	10	R 1	175.1195	88.0637

N-term:+43.02

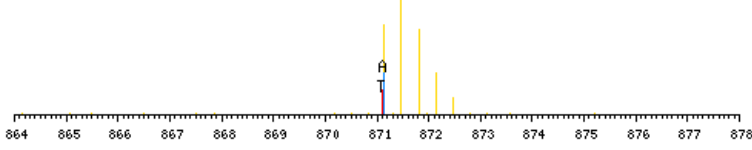
SAAEEVDGLGVVRPHYGSVLDNER, MH+ 2611.2752, m/z 871.0966
 H OS G26 P150811 220811-s1.05503.05503.3.dta

scan 5503; 3.2e+000



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

scan 5500; 871.1 m/z; 1.2e+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

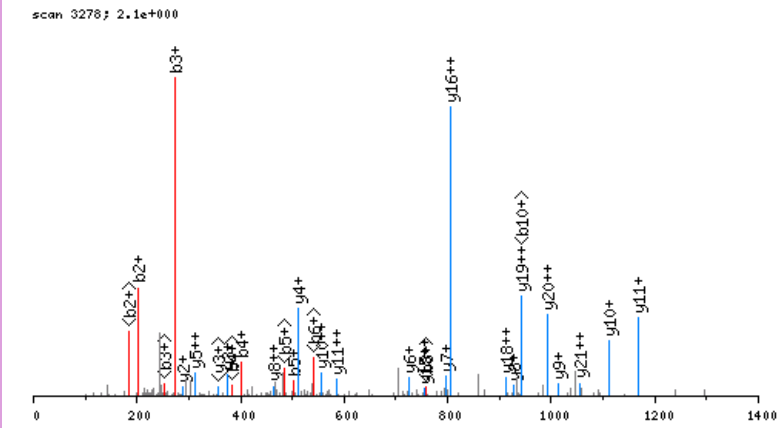
zoom 112-122

GO

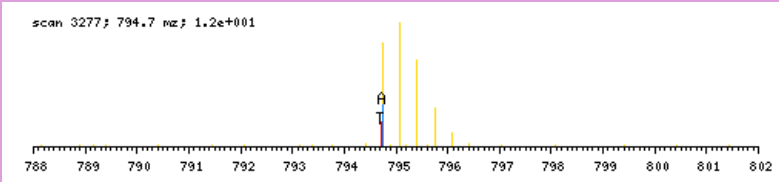
b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	24		
201.0875	2	A	23	2482.2326	1241.6202
272.1247	3	A	22	2411.1955	1206.1017
401.1672	4	E	21	2340.1584	1170.5831
530.2098	5	E	20	2211.1158	1106.0618
629.2783	6	V	19	2082.0732	1041.5405
744.3052	7	D	18	1983.0048	992.0063
801.3267	8	G	17	1867.9779	934.4928
914.4107	9	L	16	1810.9564	905.9821
971.4322	10	G	15	1697.8723	849.4401
1070.5006	11	V	14	1640.8509	820.9294
1169.5690	12	V	13	1541.7825	771.3951
1325.6701	13	R	12	1442.7140	721.8609
1422.7229	14	P	11	1286.6129	643.8104
1559.7818	15	H	10	1189.5602	595.2840
1722.8451	16	Y	9	1052.5013	526.7545
1779.8666	17	G	8	889.4379	445.2229
1866.8986	18	S	7	832.4165	416.7121
1965.9670	19	V	6	745.3844	373.1961
2079.0511	20	L	5	646.3160	323.6619
2194.0780	21	D	4	533.2320	267.1199
2308.1210	22	N	3	418.2050	209.6064
2437.1636	23	E	2	304.1621	152.5850
	24	R	1	175.1195	88.0637

N-term:+43.02

SAAETGSEPSQGAGPSEATLHSLR, MH+ 2382.1173, m/z 794.7106
 H OS G24 P150811 220811-s1.03278.03278.3.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⁺
130.0504	1	S 24		
201.0875	2	A 23	2253.0747	1127.0413
272.1247	3	A 22	2182.0376	1091.5227
401.1672	4	E 21	2111.0005	1056.0042
502.2149	5	T 20	1981.9579	991.4829
559.2364	6	G 19	1880.9102	940.9590
646.2684	7	S 18	1823.8888	912.4483
775.3110	8	E 17	1736.8568	868.9323
872.3638	9	P 16	1607.8142	804.4110
959.3958	10	S 15	1510.7614	755.8846
1087.4544	11	Q 14	1423.7294	712.3686
1144.4758	12	G 13	1295.6708	648.3393
1215.5130	13	A 12	1238.6493	619.8286
1272.5344	14	G 11	1167.6122	584.3100
1369.5872	15	P 10	1110.5907	555.7993
1456.6192	16	S 9	1013.5380	507.2729
1585.6618	17	E 8	926.5060	463.7569
1656.6989	18	A 7	797.4634	399.2356
1757.7466	19	T 6	726.4262	363.7170
1870.8307	20	L 5	625.3786	313.1932
2007.8896	21	H 4	512.2945	256.6512
2094.9216	22	S 3	375.2356	188.1217
2208.0057	23	L 2	288.2036	144.6057
	24	R 1	175.1195	88.0637

N-term:+43.02

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

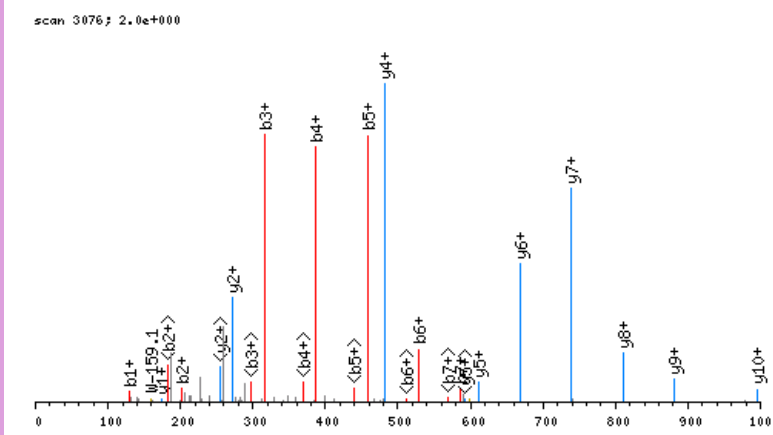
y + 2+ 3+

z + 2+ 3+

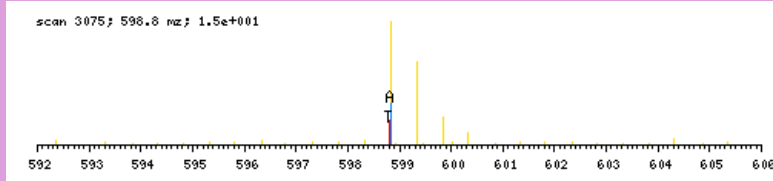
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 12		
201.0875	2	A 11	1067.5485	534.2782
316.1145	3	D 10	996.5114	498.7596
387.1516	4	A 9	881.4845	441.2462
458.1887	5	A 8	810.4474	405.7276
529.2258	6	A 7	739.4103	370.2090
586.2473	7	G 6	668.3731	334.6905
715.2899	8	E 5	611.3517	306.1798
812.3426	9	P 4	482.3091	241.6585
925.4267	10	L 3	385.2563	193.1321
1022.4795	11	P 2	272.1723	136.5900
	12	R 1	175.1195	88.0637

N-term:+43.02

SAFNLLHLVTKSQPVAPR, MH+ 2048.1657, m/z 683.3934
 H OS G26 P150811 220811-s1.06863.06863.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

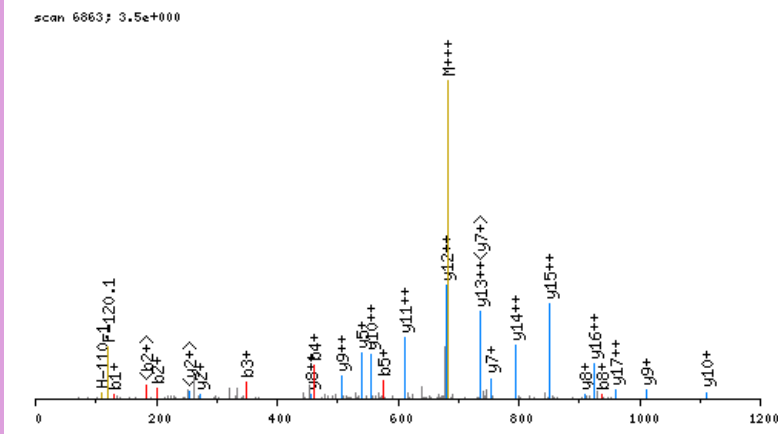
y + 2+ 3+

z + 2+ 3+

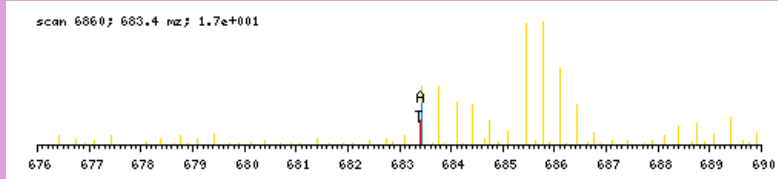
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 18		
201.0875	2	A 17	1919.1231	960.0655
348.1560	3	F 16	1848.0860	924.5469
462.1989	4	N 15	1701.0176	851.0127
575.2829	5	L 14	1586.9747	793.9912
688.3670	6	L 13	1473.8906	737.4492
825.4259	7	H 12	1360.8065	680.9072
938.5100	8	L 11	1223.7476	612.3777
1037.5784	9	V 10	1110.6636	555.8357
1138.6261	10	T 9	1011.5951	506.3015
1294.7524	11	K 8	910.5475	455.7776
1381.7844	12	S 7	754.4212	377.7145
1509.8430	13	Q 6	667.3891	334.1985
1606.8957	14	P 5	539.3306	270.1692
1705.9642	15	V 4	442.2778	221.6428
1777.0013	16	A 3	343.2094	172.1086
1874.0540	17	P 2	272.1723	136.5900
	18	R 1	175.1195	88.0637

N-term:+43.02 K(11):+156.13

SAGGAVPPPPNPAVSPAPR, MH+ 1928.0030, m/z 643.3392
 H OS G29 P150811 220811-s1.05137.05137.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

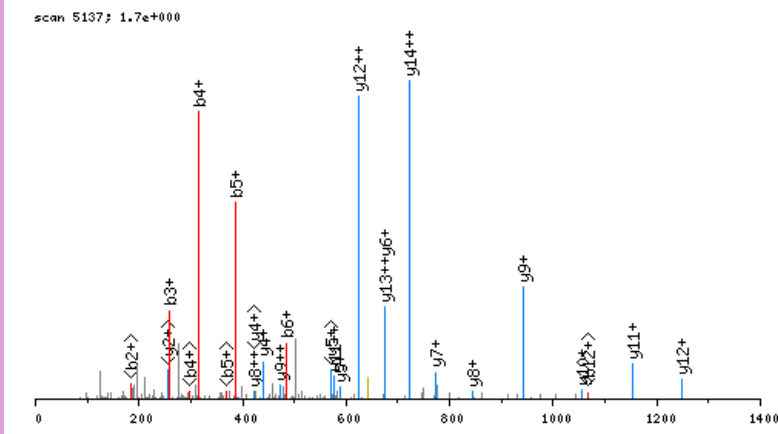
y + 2+ 3+

z + 2+ 3+

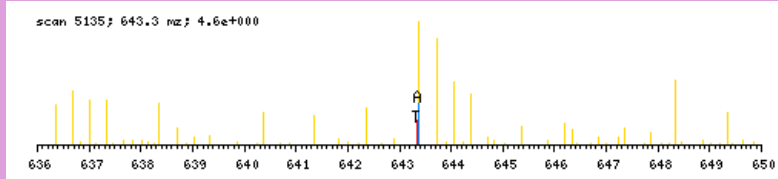
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 20		
201.0875	2	A 19	1798.9604	899.9841
258.1090	3	G 18	1727.9233	864.4656
315.1305	4	G 17	1670.9019	835.9548
386.1676	5	A 16	1613.8804	807.4441
485.2360	6	V 15	1542.8433	771.9255
582.2888	7	P 14	1443.7749	722.3913
679.3415	8	P 13	1346.7221	673.8650
776.3943	9	P 12	1249.6693	625.3386
873.4471	10	P 11	1152.6166	576.8122
987.4900	11	N 10	1055.5638	528.2858
1084.5427	12	P 9	941.5209	471.2644
1155.5799	13	A 8	844.4681	422.7380
1254.6483	14	V 7	773.4310	387.2194
1341.6803	15	S 6	674.3626	337.6852
1488.7487	16	F 5	587.3306	294.1692
1585.8015	17	P 4	440.2621	220.6350
1656.8386	18	A 3	343.2094	172.1086
1753.8914	19	P 2	272.1723	136.5900
	20	R 1	175.1195	88.0637

N-term:+43.02

SAHLQWVVVR, MH+ 1268.6574, m/z 634.8323
 H OS G25 P150811 220811-s1.06933.06933.2.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+

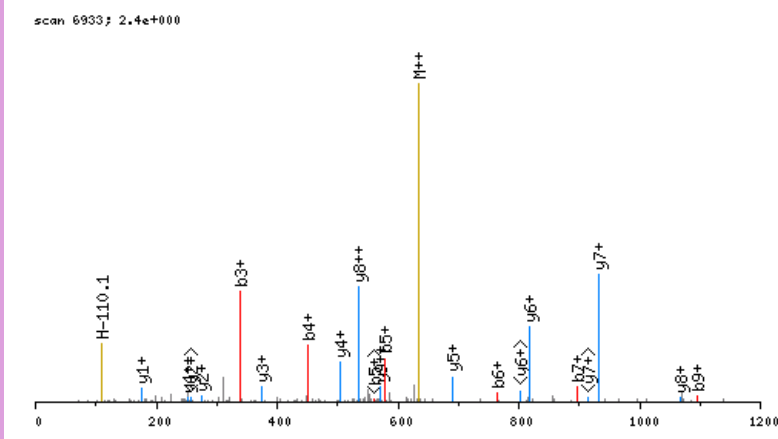
y + 2+ 3+

z + 2+ 3+

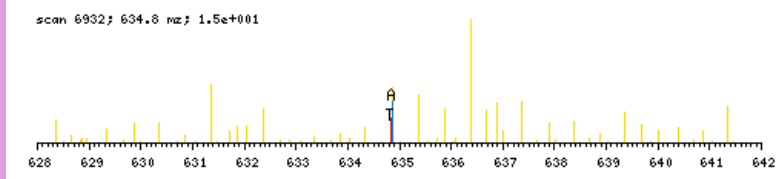
hide H₂O/NH₃

zoom 112-122

GO



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



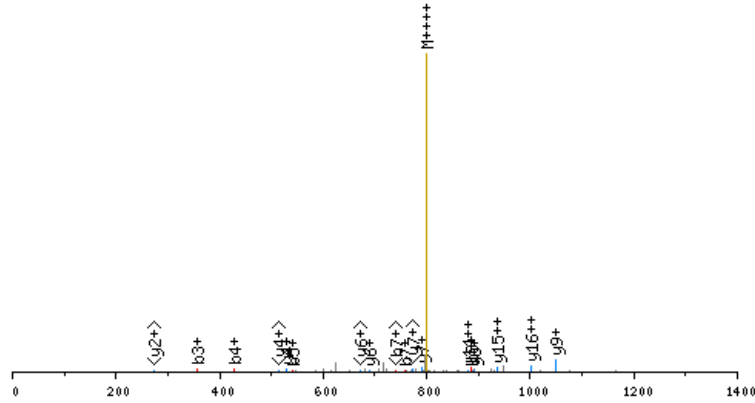
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 10		
201.0875	2	A 9	1139.6148	570.3113
338.1465	3	H 8	1068.5777	534.7928
451.2305	4	L 7	931.5188	466.2633
579.2891	5	Q 6	818.4347	409.7213
765.3684	6	W 5	690.3761	345.6920
896.4089	7	M 4	504.2968	252.6523
995.4773	8	V 3	373.2563	187.1321
1094.5457	9	V 2	274.1879	137.5979
	10	R 1	175.1195	88.0637

N-term:+43.02

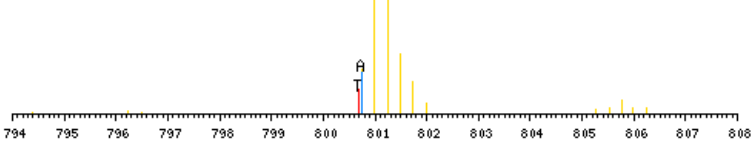
SAKAISEQTGKELLYKYICTTSAIQNR, MH+ 3199.7037, m/z 800.6814
 H OS G27 P150811 220811-s1.07296.07296.4.dta

scan 7296; 1.7e+001



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

scan 7295; 800.7 m/z; 3.6e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	27		
201.0875	2	A	26	3070.6611	1535.8345
357.2138	3	K	25	2999.6240	1500.3159
428.2510	4	A	24	2843.4977	1422.2528
541.3350	5	I	23	2772.4606	1386.7342
628.3670	6	S	22	2659.3766	1330.1922
757.4096	7	E	21	2572.3445	1286.6762
885.4682	8	Q	20	2443.3019	1222.1549
986.5159	9	T	19	2315.2434	1158.1256
1043.5374	10	G	18	2214.1957	1107.6018
1199.6637	11	K	17	2157.1742	1079.0910
1328.7063	12	E	16	2001.0479	1001.0279
1441.7903	13	L	15	1872.0053	936.5066
1554.8744	14	L	14	1758.9213	879.9645
1717.9377	15	Y	13	1645.8372	823.4225
1874.0640	16	K	12	1482.7739	741.8908
2037.1273	17	Y	11	1326.6476	663.8277
2150.2114	18	I	10	1163.5842	582.2960
2310.2420	19	C	9	1050.5002	525.7540
2411.2897	20	T	8	890.4696	445.7387
2512.3374	21	T	7	789.4219	395.2149
2599.3694	22	S	6	688.3742	344.6910
2670.4065	23	A	5	601.3422	301.1750
2783.4906	24	I	4	530.3051	265.6564
2911.5491	25	Q	3	417.2210	209.1144
3025.5921	26	N	2	289.1624	145.0851
	27	R	1	175.1195	88.0637

N-term:+43.02 K(3):+156.13
 K(11):+156.13 K(16):+156.13
 C(19):+160.03

SALEKSMHLGR, MH+ 1304.7209, m/z 435.5785
 H OS G27 P150811 220811-s1.05004.05004.3.dta

scan 5004; 1.3e+001

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

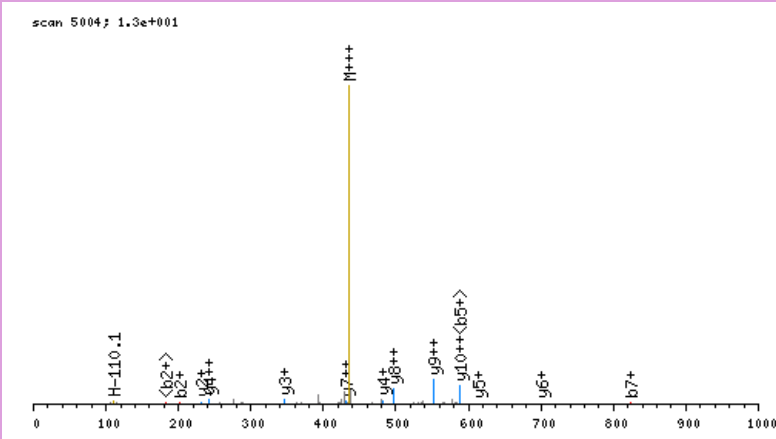
y + 2+ 3+

z + 2+ 3+

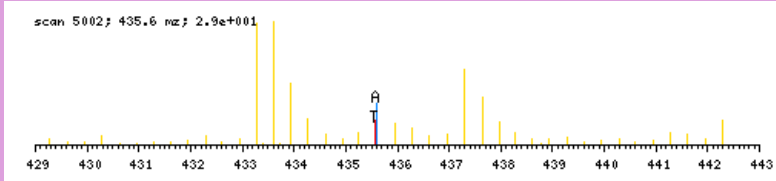
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 11		
201.0875	2	A 10	1175.6783	588.3431
314.1716	3	L 9	1104.6412	552.8245
443.2142	4	E 8	991.5571	496.2825
605.3723	5	K 7	862.5146	431.7612
692.4043	6	S 6	700.3565	350.6821
823.4448	7	M 5	613.3244	307.1661
960.5037	8	H 4	482.2839	241.6459
1073.5878	9	L 3	345.2250	173.1164
1130.6093	10	G 2	232.1410	116.5744
	11	R 1	175.1195	88.0637

N-term:+43.02 K(5):+162.16

SALKAVFQYIDENQDR, MH+ 1966.9875, m/z 656.3340
 H OS G25 P150811 220811-s1.08304.08304.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

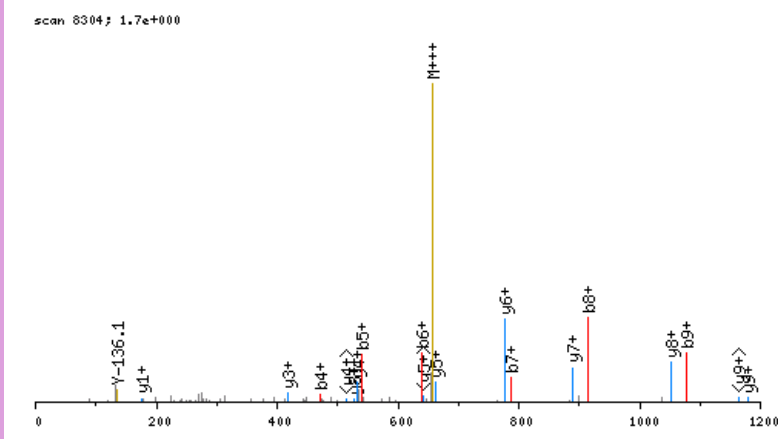
y + 2+ 3+

z + 2+ 3+

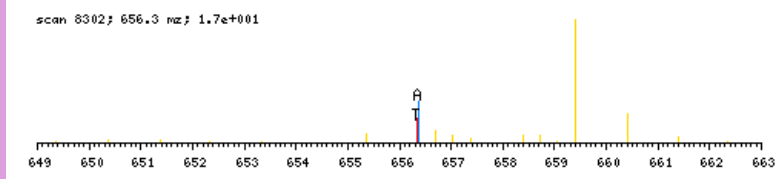
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 16		
201.0875	2	A 15	1837.9449	919.4763
314.1716	3	L 14	1766.9078	883.9578
470.2979	4	K 13	1653.8237	827.4158
541.3350	5	A 12	1497.6974	749.3526
640.4034	6	V 11	1426.6603	713.8341
787.4718	7	F 10	1327.5919	664.2998
915.5304	8	Q 9	1180.5235	590.7656
1078.5938	9	Y 8	1052.4649	526.7364
1191.6778	10	I 7	889.4015	445.2047
1306.7048	11	D 6	776.3175	388.6627
1435.7474	12	E 5	661.2905	331.1492
1549.7903	13	N 4	532.2479	266.6279
1677.8489	14	Q 3	418.2050	209.6064
1792.8758	15	D 2	290.1464	145.5771
	16	R 1	175.1195	88.0637

N-term:+43.02 K(4):+156.13

SAMEAADVFHR, MH+ 1275.5792, m/z 638.2932
 H OS G25 P150811 220811-s1.06220.06220.2.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+

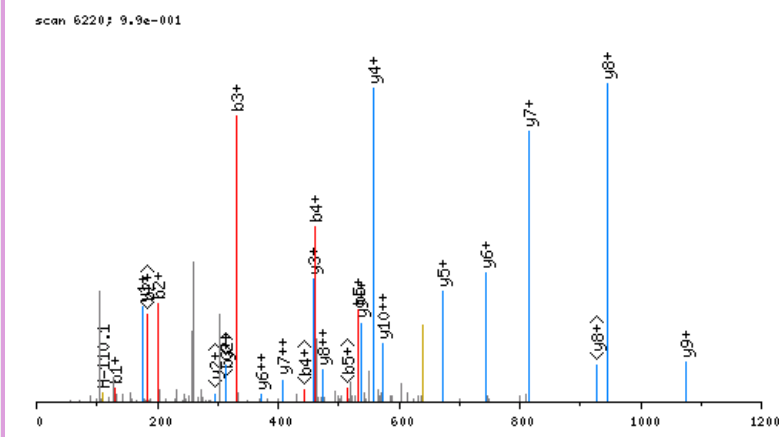
y + 2+ 3+

z + 2+ 3+

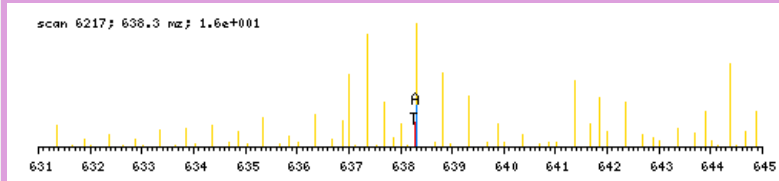
hide H₂O/NH₃

zoom 112-122

GO



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



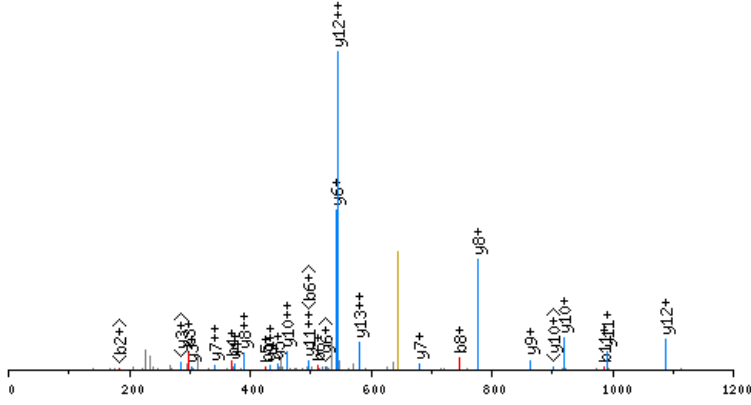
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 11		
201.0875	2	A 10	1146.5366	573.7722
332.1280	3	M 9	1075.4995	538.2537
461.1706	4	E 8	944.4590	472.7334
532.2077	5	A 7	815.4164	408.2121
603.2448	6	A 6	744.3793	372.6936
718.2718	7	D 5	673.3422	337.1750
817.3402	8	V 4	558.3152	279.6615
964.4086	9	F 3	459.2468	230.1273
1101.4675	10	H 2	312.1784	156.5931
	11	R 1	175.1195	88.0637

N-term:+43.02

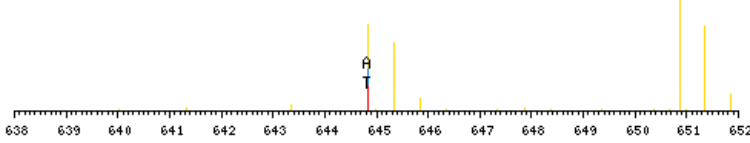
SAPAGSPHPAAGAR, MH+ 1288.6398, m/z 644.8236
 H OS G25 P150811 220811-s1.02011.02011.2.dta

scan 2011; 4.2e+000



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

scan 2007; 644.8 m/z; 2.4e+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⁺
130.0504	1	S 14		
201.0875	2	A 13	1159.5972	580.3025
298.1403	3	P 12	1088.5601	544.7840
369.1774	4	A 11	991.5074	496.2576
426.1989	5	G 10	920.4702	460.7390
513.2309	6	S 9	863.4488	432.2283
610.2837	7	P 8	776.4167	388.7123
747.3426	8	H 7	679.3640	340.1859
844.3954	9	P 6	542.3051	271.6564
915.4325	10	A 5	445.2523	223.1301
986.4696	11	A 4	374.2152	187.6115
1043.4910	12	G 3	303.1781	152.0930
1114.5282	13	A 2	246.1566	123.5822
	14	R 1	175.1195	88.0637

N-term:+43.02

SAPMPAVVPAAR, MH+ 1208.6462, m/z 604.8267
 H OS G29 P150811 220811-s1.04257.04257.2.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+

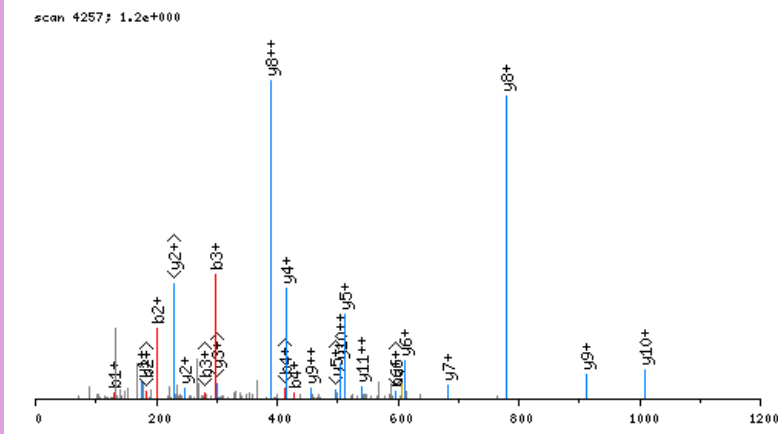
y + 2+ 3+

z + 2+ 3+

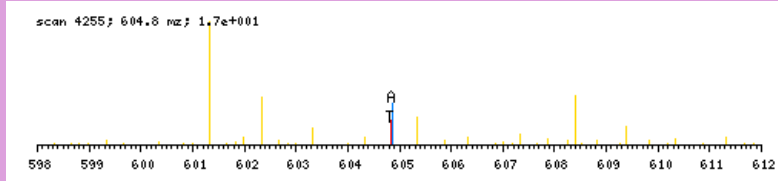
hide H₂O/NH₃

zoom 112-122

GO



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



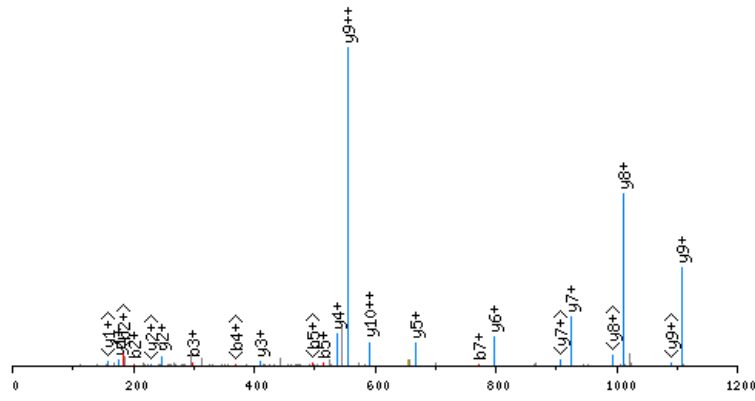
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 12		
201.0875	2	A 11	1079.6036	540.3057
298.1403	3	P 10	1008.5664	504.7871
429.1808	4	M 9	911.5137	456.2608
526.2336	5	P 8	780.4732	390.7405
597.2707	6	A 7	683.4204	342.2141
696.3391	7	V 6	612.3833	306.6956
795.4075	8	V 5	513.3149	257.1614
892.4603	9	P 4	414.2465	207.6272
963.4974	10	A 3	317.1937	159.1008
1034.5345	11	A 2	246.1566	123.5822
	12	R 1	175.1195	88.0637

N-term:+43.02

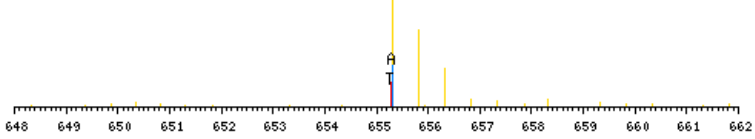
SAPSEEEYAR, MH+ 1309.5548, m/z 655.2811
 H OS G29 P150811 220811-s1.02683.02683.2.dta

scan 2683; 4.5e+000



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

scan 2681; 655.3 m/z; 7.7e+000



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

X-range:

0 - 0

MassTol: Y-zoom:

0. 1.

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 11		
201.0875	2	A 10	1180.5122	590.7600
298.1403	3	P 9	1109.4751	555.2415
385.1723	4	S 8	1012.4223	506.7151
514.2149	5	E 7	925.3903	463.1991
643.2575	6	E 6	796.3477	398.6778
772.3001	7	E 5	667.3051	334.1565
901.3427	8	E 4	538.2625	269.6352
1064.4060	9	Y 3	409.2199	205.1139
1135.4431	10	A 2	246.1566	123.5822
	11	R 1	175.1195	88.0637

N-term:+43.02

SASVVSVISR, MH+ 1046.5846, m/z 523.7959
 H OS G29 P150811 220811-s1.04627.04627.2.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+

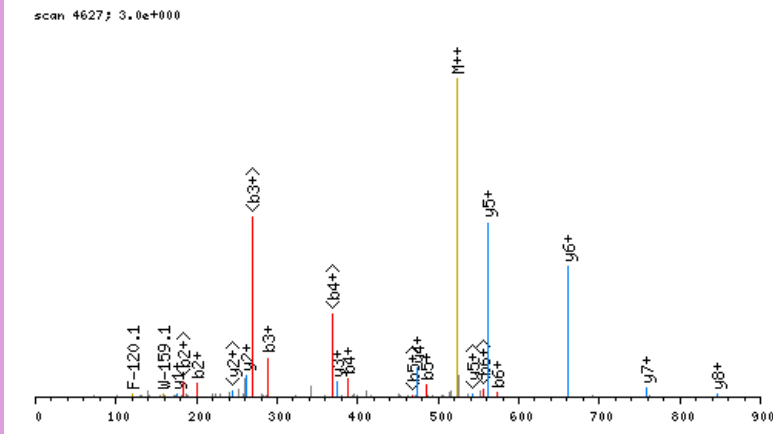
y + 2+ 3+

z + 2+ 3+

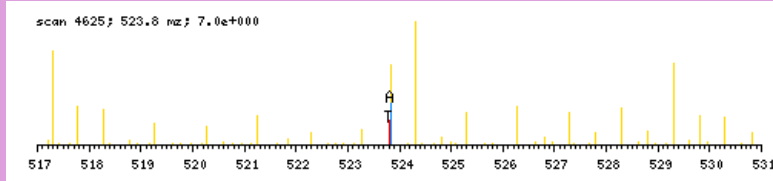
hide H₂O/NH₃

zoom 112-122

GO



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



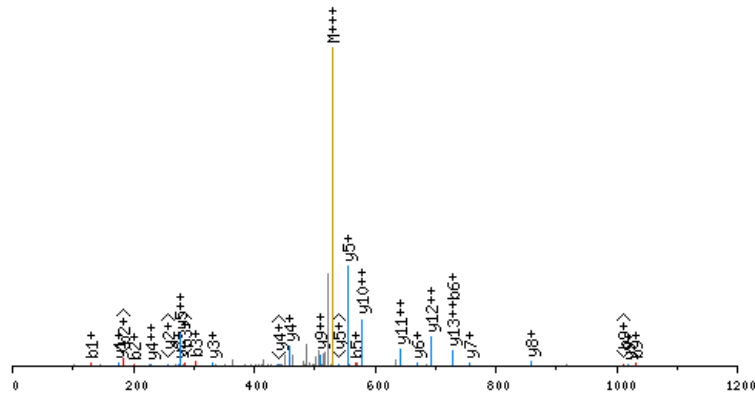
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	10		
201.0875	2	A	9	917.5420	459.2749
288.1196	3	S	8	846.5049	423.7564
387.1880	4	V	7	759.4729	380.2403
486.2564	5	V	6	660.4044	330.7061
573.2884	6	S	5	561.3360	281.1719
672.3568	7	V	4	474.3040	237.6559
785.4409	8	I	3	375.2356	188.1217
872.4729	9	S	2	262.1515	131.5797
	10	R	1	175.1195	88.0637

N-term:+43.02

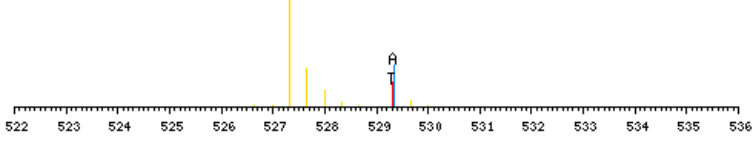
SATQHKTSLPQGVK, MH+ 1585.8875, m/z 529.3007
 H OS G27 P150811 220811-s1.02503.02503.3.dta

scan 2503; 3.5e+001



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

scan 2502; 529.3 m/z; 1.9e+003



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

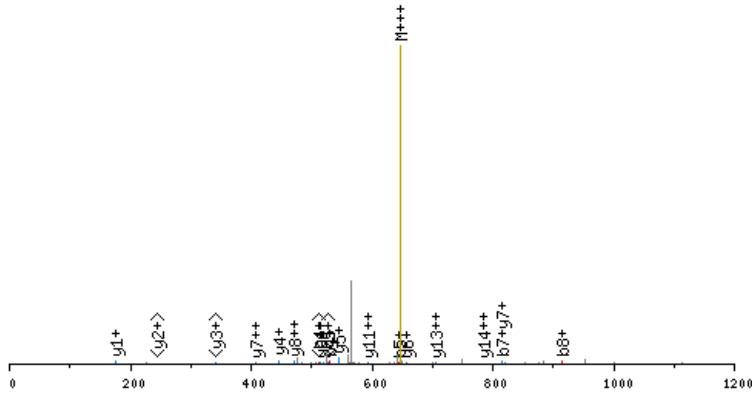
GO

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 14		
201.0875	2	A 13	1456.8449	728.9263
302.1352	3	T 12	1385.8078	693.4078
430.1938	4	Q 11	1284.7601	642.8840
567.2527	5	H 10	1156.7015	578.8547
729.4108	6	K 9	1019.6426	510.3252
830.4585	7	T 8	857.4845	429.2462
917.4905	8	S 7	756.4368	378.7223
1030.5746	9	L 6	669.4048	335.2063
1127.6273	10	P 5	556.3207	278.6643
1255.6859	11	Q 4	459.2680	230.1379
1312.7074	12	G 3	331.2094	166.1086
1411.7758	13	V 2	274.1879	137.5979
	14	R 1	175.1195	88.0637

N-term:+43.02 K(6):+162.16

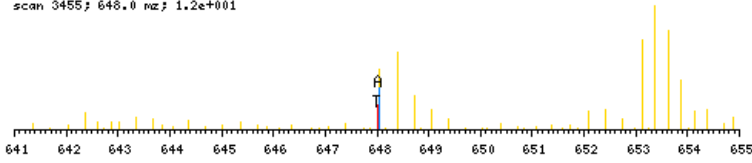
SDEKNLGVSQKLVSPSR, MH+ 1942.0610, m/z 648.0252
 H OS G26 P150811 220811-s1.03459.03459.3.dta

scan 3459; 1.3e+001



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

scan 3455; 648.0 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⁺
130.0504	1	S	17	
245.0774	2	D	16	1813.0184 907.0131
374.1200	3	E	15	1697.9915 849.4996
530.2463	4	K	14	1568.9489 784.9783
644.2892	5	N	13	1412.8226 706.9152
757.3733	6	L	12	1298.7796 649.8937
814.3947	7	G	11	1185.6956 593.3517
913.4631	8	V	10	1128.6741 564.8410
1000.4952	9	S	9	1029.6057 515.3068
1128.5537	10	Q	8	942.5737 471.7908
1284.6800	11	K	7	814.5151 407.7615
1397.7641	12	L	6	658.3888 329.6983
1496.8325	13	V	5	545.3047 273.1563
1583.8645	14	S	4	446.2363 223.6221
1680.9173	15	P	3	359.2043 180.1061
1767.9493	16	S	2	262.1515 131.5797
	17	R	1	175.1195 88.0637

N-term:+43.02 K(4):+156.13
 K(11):+156.13

SDNGELEDKPPAPPVR, MH+ 1796.9243, m/z 599.6463
 H OS G24 P150811 220811-s1.03100.03100.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

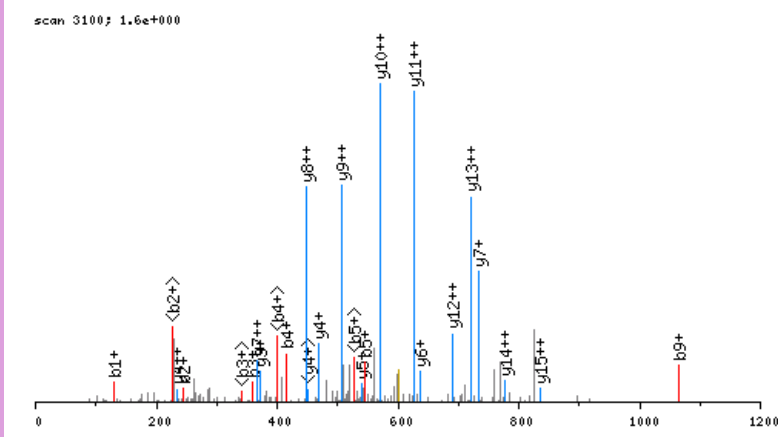
y + 2+ 3+

z + 2+ 3+

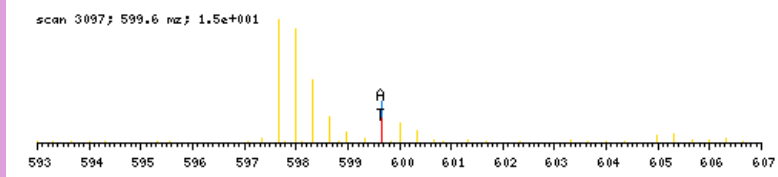
hide H₂O/NH₃

zoom 112-122

GO



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



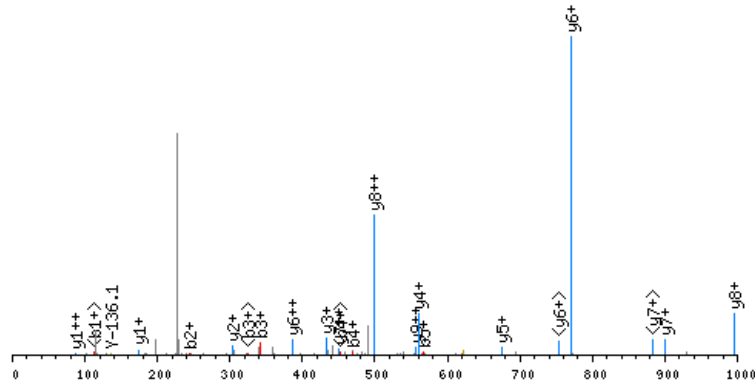
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 16		
245.0774	2	D 15	1667.8817	834.4448
359.1203	3	N 14	1552.8548	776.9313
416.1418	4	G 13	1438.8118	719.9098
545.1844	5	E 12	1381.7904	691.3991
658.2684	6	L 11	1252.7478	626.8778
787.3110	7	E 10	1139.6637	570.3358
902.3380	8	D 9	1010.6211	505.8145
1064.4961	9	K 8	895.5942	448.3010
1161.5488	10	P 7	733.4361	367.2220
1258.6016	11	P 6	636.3833	318.6956
1329.6387	12	A 5	539.3306	270.1692
1426.6915	13	P 4	468.2934	234.6506
1523.7442	14	P 3	371.2407	186.1243
1622.8126	15	V 2	274.1879	137.5979
	16	R 1	175.1195	88.0637

N-term:+43.02 K(9):+162.16

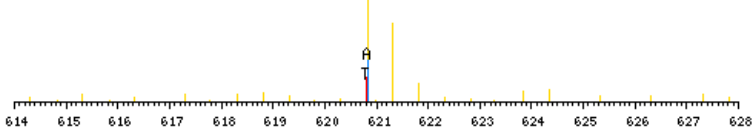
SDPQPLQEER, MH+ 1240.5810, m/z 620.7941
 H OS G29 P150811 220811-s1.02684.02684.2.dta

scan 2684; 3.1e+000



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

scan 2681; 620.8 m/z; 4.0e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S	10	
245.0774	2	D	9	1111.5384 556.2731
342.1301	3	P	8	996.5114 498.7596
470.1887	4	Q	7	899.4587 450.2332
567.2415	5	P	6	771.4001 386.2040
680.3255	6	L	5	674.3473 337.6776
808.3841	7	Q	4	561.2633 281.1355
937.4267	8	E	3	433.2047 217.1063
1066.4693	9	E	2	304.1621 152.5850
	10	R	1	175.1195 88.0637

N-term:+43.02

SDQQLDLCLDLR, MH+ 1606.7205, m/z 803.8639
 H OS G29 P150811 220811-s1.06242.06242.2.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+

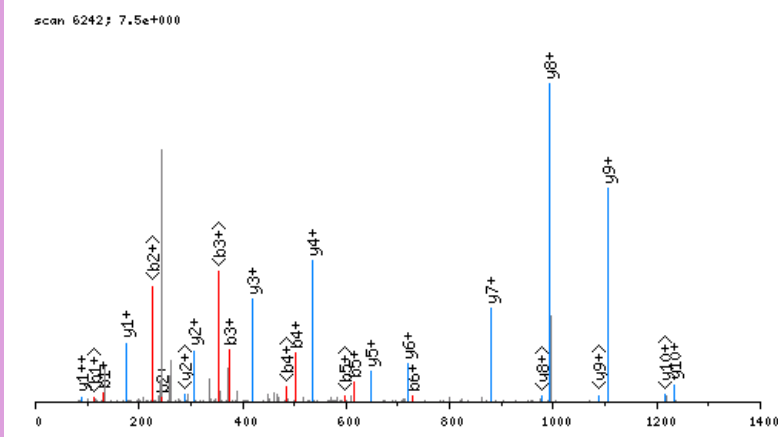
y + 2+ 3+

z + 2+ 3+

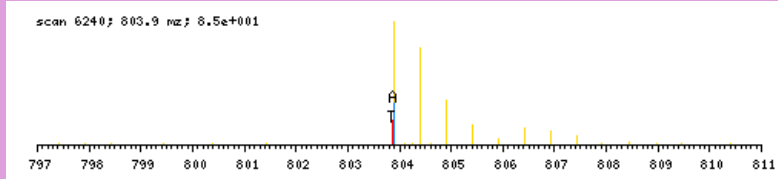
hide H₂O/NH₃

zoom 112-122

GO



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



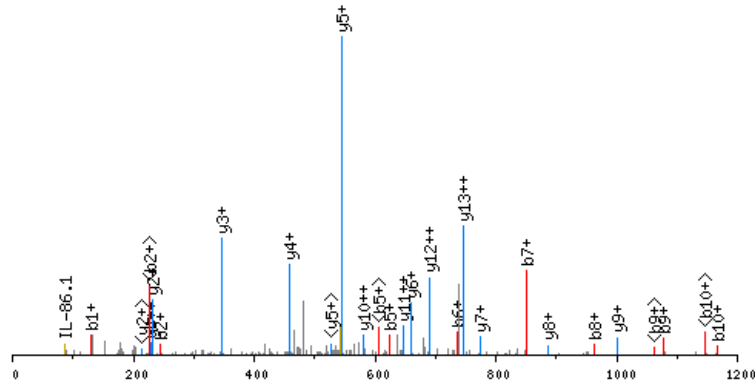
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 13		
245.0774	2	D 12	1477.6779	739.3429
373.1359	3	Q 11	1362.6509	681.8294
501.1945	4	Q 10	1234.5924	617.8001
614.2786	5	L 9	1106.5338	553.7708
729.3055	6	D 8	993.4497	497.2288
889.3361	7	C 7	878.4228	439.7153
960.3732	8	A 6	718.3922	359.7000
1073.4573	9	L 5	647.3551	324.1814
1188.4843	10	D 4	534.2710	267.6394
1301.5683	11	L 3	419.2440	210.1259
1432.6088	12	M 2	306.1600	153.5839
	13	R 1	175.1195	88.0637

N-term:+43.02 C(7):+160.03

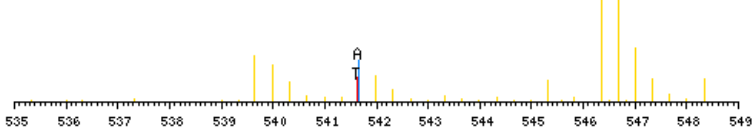
SDSEKLNLDISIIGR, MH+ 1622.8814, m/z 541.6320
 H OS G24 P150811 220811-s1.04549.04549.3.dta

scan 4549; 2.2e+000



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

scan 4547; 541.6 m/z; 1.4e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 14		
245.0774	2	D 13	1493.8388	747.4233
332.1094	3	S 12	1378.8118	689.9098
461.1520	4	E 11	1291.7798	646.3938
623.3101	5	K 10	1162.7372	581.8725
736.3942	6	L 9	1000.5791	500.7935
850.4371	7	N 8	887.4951	444.2514
963.5211	8	L 7	773.4521	387.2300
1078.5481	9	D 6	660.3681	330.6879
1165.5801	10	S 5	545.3411	273.1745
1278.6642	11	I 4	458.3091	229.6585
1391.7482	12	I 3	345.2250	173.1164
1448.7697	13	G 2	232.1410	116.5744
	14	R 1	175.1195	88.0637

N-term:+43.02 K(5):+162.16

SDSLDNEEKPPAPPLR, MH+ 1840.9505, m/z 614.3217
 H OS G24 P150811 220811-s1.03345.03345.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

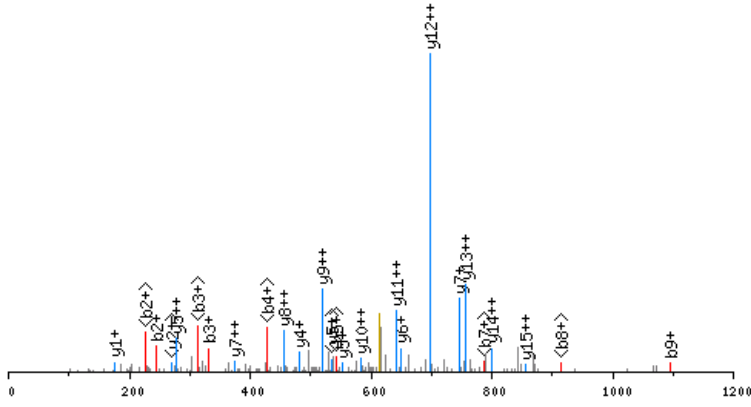
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

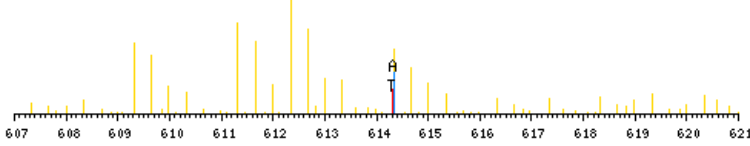
GO

scan 3345; 1.3e+000



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

scan 3342; 614.3 m/z; 3.6e+000



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

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 16		
245.0774	2	D 15	1711.9079	856.4579
332.1094	3	S 14	1596.8810	798.9444
445.1935	4	L 13	1509.8490	755.4284
560.2204	5	D 12	1396.7649	698.8864
674.2633	6	N 11	1281.7379	641.3729
803.3059	7	E 10	1167.6950	584.3514
932.3485	8	E 9	1038.6524	519.8301
1094.5066	9	K 8	909.6098	455.3088
1191.5594	10	P 7	747.4517	374.2298
1288.6121	11	P 6	650.3990	325.7034
1359.6493	12	A 5	553.3462	277.1770
1456.7020	13	P 4	482.3091	241.6585
1553.7548	14	P 3	385.2563	193.1321
1666.8389	15	L 2	288.2036	144.6057
	16	R 1	175.1195	88.0637

N-term:+43.02 K(9):+162.16

SDSLVVCEVDPELKETLR, MH+ 2165.1224, m/z 722.3790
 H OS G24 P150811 220811-s1.04797.04797.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

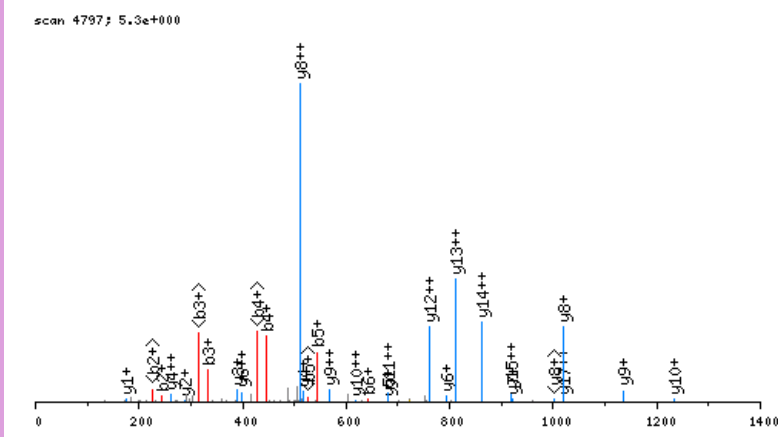
y + 2+ 3+

z + 2+ 3+

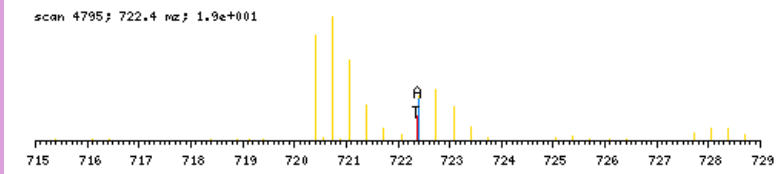
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	18		
245.0774	2	D	17	2036.0798	1018.5438
332.1094	3	S	16	1921.0528	961.0303
445.1935	4	L	15	1834.0208	917.5143
544.2619	5	V	14	1720.9367	860.9723
643.3303	6	V	13	1621.8683	811.4381
803.3609	7	C	12	1522.7999	761.9039
932.4035	8	E	11	1362.7693	681.8886
1031.4719	9	V	10	1233.7267	617.3673
1146.4988	10	D	9	1134.6583	567.8331
1243.5516	11	P	8	1019.6314	510.3196
1372.5942	12	E	7	922.5786	461.7932
1485.6783	13	L	6	793.5360	397.2719
1647.8364	14	K	5	680.4519	340.7299
1776.8790	15	E	4	518.2938	259.6508
1877.9266	16	T	3	389.2512	195.1295
1991.0107	17	L	2	288.2036	144.6057
	18	R	1	175.1195	88.0637

N-term: +43.02 C(7): +160.03
 K(14): +162.16

SDSMDTGAGSIR, MH+ 1238.5323, m/z 619.7698
 H OS G29 P150811 220811-s1.02873.02873.2.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+

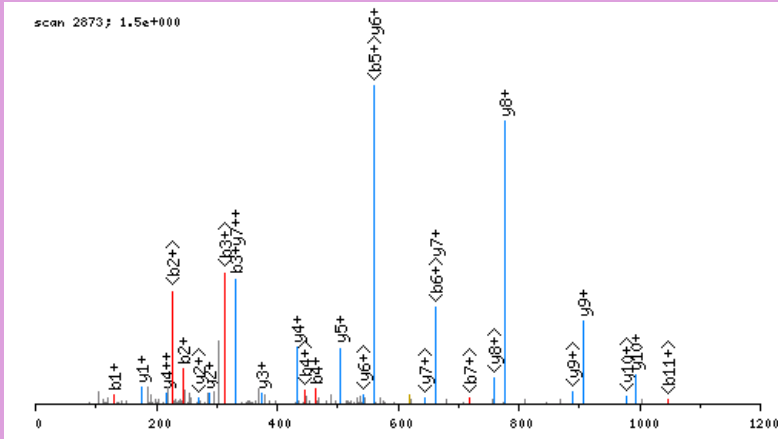
y + 2+ 3+

z + 2+ 3+

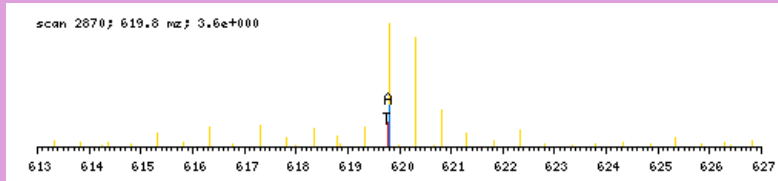
hide H₂O/NH₃

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⁺
130.0504	1	S 12		
245.0774	2	D 11	1109.4897	555.2488
332.1094	3	S 10	994.4628	497.7353
463.1499	4	M 9	907.4307	454.2193
578.1768	5	D 8	776.3903	388.6990
679.2245	6	T 7	661.3633	331.1856
736.2460	7	G 6	560.3156	280.6617
807.2831	8	A 5	503.2942	252.1510
864.3045	9	G 4	432.2571	216.6324
951.3366	10	S 3	375.2356	188.1217
1064.4206	11	I 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+43.02

SDSSDSMDTGAGSIR, MH+ 1527.6233, m/z 764.3153
 H OS G29 P150811 220811-s1.02846.02846.2.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+

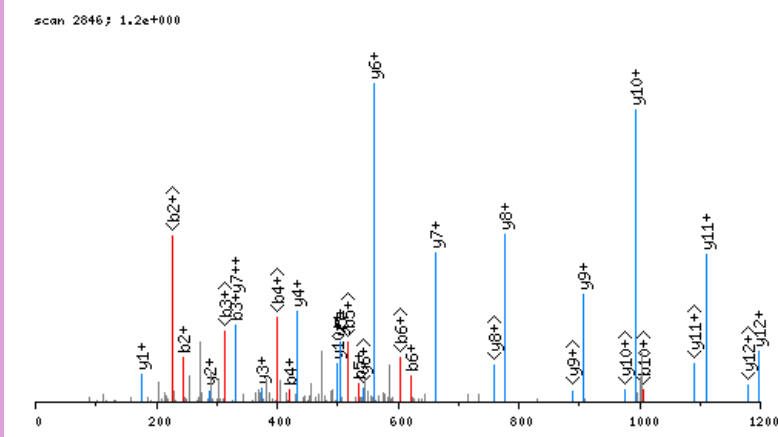
y + 2+ 3+

z + 2+ 3+

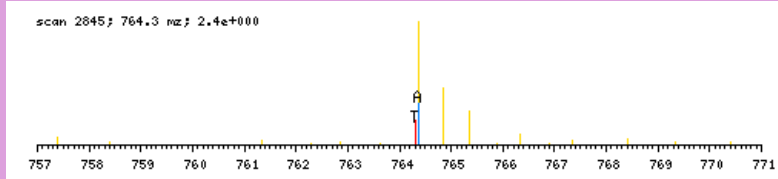
hide H₂O/NH₃

zoom 112-122

GO



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



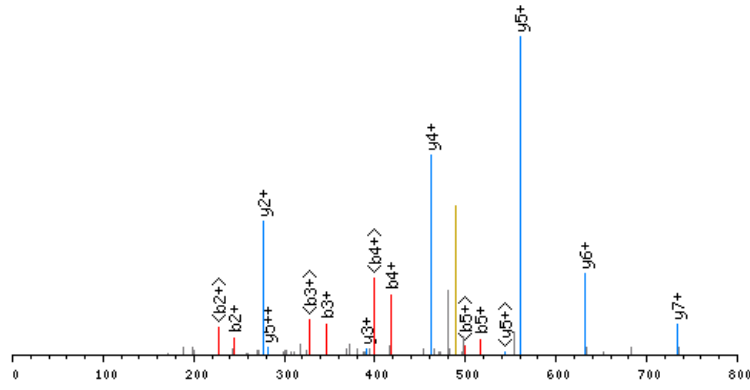
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 15		
245.0774	2	D 14	1398.5807	699.7943
332.1094	3	S 13	1283.5538	642.2808
419.1414	4	S 12	1196.5217	598.7648
534.1684	5	D 11	1109.4897	555.2488
621.2004	6	S 10	994.4628	497.7353
752.2409	7	M 9	907.4307	454.2193
867.2678	8	D 8	776.3903	388.6990
968.3155	9	T 7	661.3633	331.1856
1025.3370	10	G 6	560.3156	280.6617
1096.3741	11	A 5	503.2942	252.1510
1153.3955	12	G 4	432.2571	216.6324
1240.4276	13	S 3	375.2356	188.1217
1353.5116	14	I 2	288.2036	144.6057
	15	R 1	175.1195	88.0637

N-term:+43.02

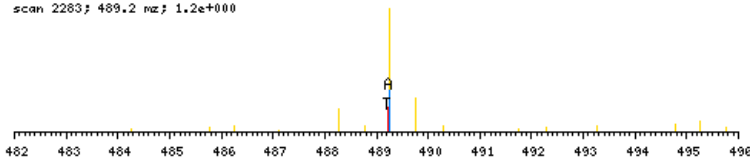
SDTAVADTR, MH+ 977.4540, m/z 489.2306
 H OS G29 P150811 220811-s1.02284.02284.2.dta

scan 2284; 8.5e-001



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

scan 2283; 489.2 m/z; 1.2e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S	9	
245.0774	2	D	8	848.4114 424.7096
346.1251	3	T	7	733.3844 367.1961
417.1622	4	A	6	632.3368 316.6723
516.2306	5	V	5	561.2997 281.1537
587.2677	6	A	4	462.2312 231.6195
702.2946	7	D	3	391.1941 196.1010
803.3423	8	T	2	276.1672 138.5875
	9	R	1	175.1195 88.0637

N-term:+43.02

SDTPASTFGGR, MH+ 1137.5177, m/z 569.2625
 H OS G29 P150811 220811-s1.02912.02912.2.dta

scan 2912; 8.4e-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+

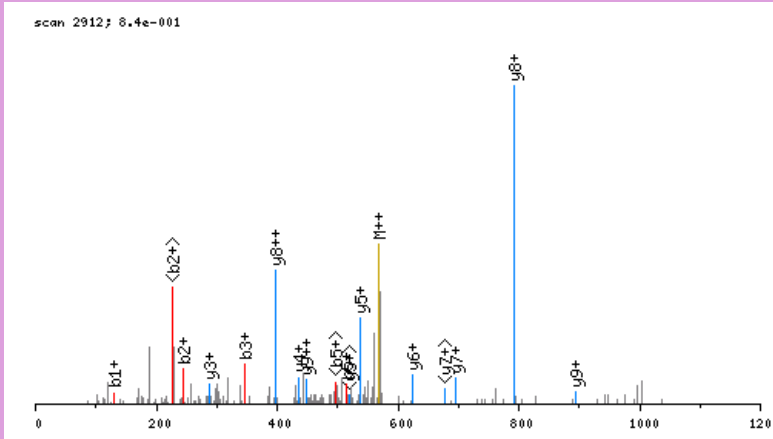
y + 2+ 3+

z + 2+ 3+

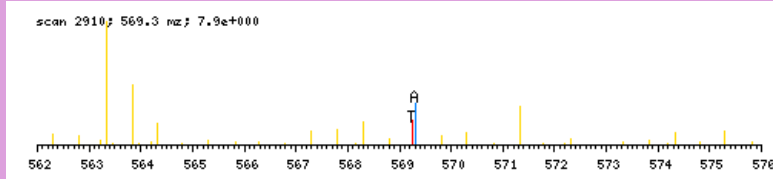
hide H₂O/NH₃

zoom 112-122

GO



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



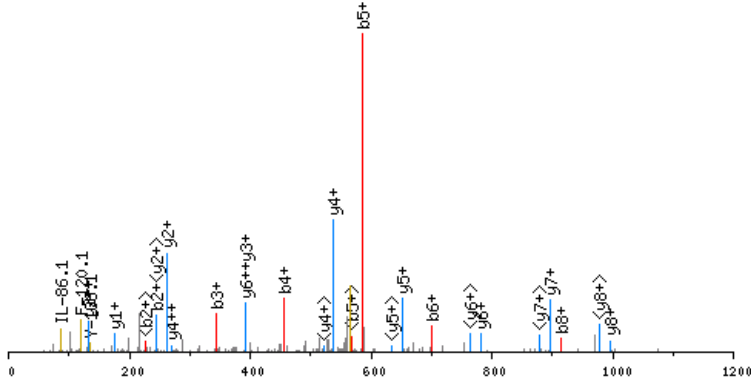
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	11		
245.0774	2	D	10	1008.4750	504.7414
346.1251	3	T	9	893.4481	447.2280
443.1778	4	P	8	792.4004	396.7041
514.2149	5	A	7	695.3477	348.1777
601.2470	6	S	6	624.3105	312.6592
702.2946	7	T	5	537.2785	269.1432
849.3630	8	F	4	436.2308	218.6193
906.3845	9	G	3	289.1624	145.0851
963.4060	10	G	2	232.1410	116.5744
	11	R	1	175.1195	88.0637

N-term:+43.02

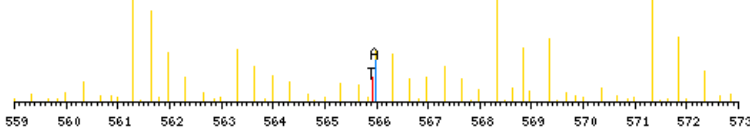
SDVLELTDENFESR, MH+ 1695.7714, m/z 565.9286
 H OS G25 P150811 220811-s1.07124.07124.3.dta

scan 7124; 2.3e+000



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

scan 7122; 565.9 m/z; 2.7e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

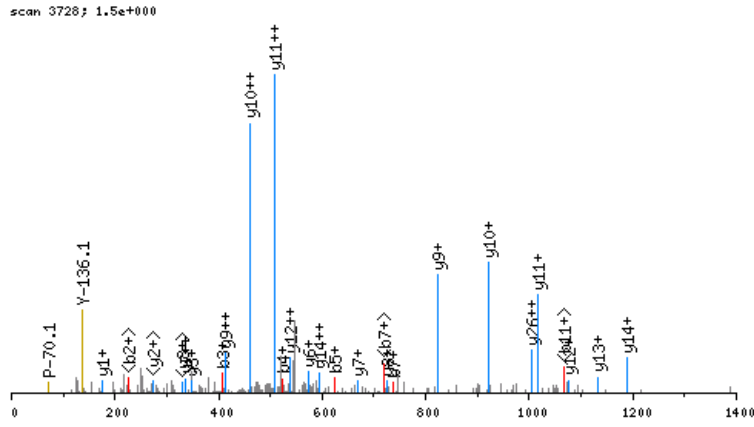
zoom 112-122

GO

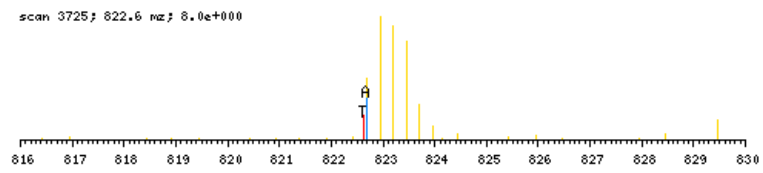
b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 14		
245.0774	2	D 13	1566.7288	783.8683
344.1458	3	V 12	1451.7018	726.3548
457.2298	4	L 11	1352.6334	676.8206
586.2724	5	E 10	1239.5493	620.2786
699.3565	6	L 9	1110.5067	555.7573
800.4042	7	T 8	997.4227	499.2153
915.4311	8	D 7	896.3750	448.6914
1044.4737	9	E 6	781.3481	391.1779
1158.5166	10	N 5	652.3055	326.6566
1305.5851	11	F 4	538.2625	269.6352
1434.6277	12	E 3	391.1941	196.1010
1521.6597	13	S 2	262.1515	131.5797
	14	R 1	175.1195	88.0637

N-term:+43.02

SDYNTGGPPPGPPPPAGGGGGAAGAGGPPPPGAGDR, MH+ 3287.5106, m/z 822.6331
 H_OS_G29_P150811_220811-s1.03728.03728.4.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⁺
130.0504	1	S 39		
245.0774	2	D 38	3158.4680	1579.7379
408.1407	3	Y 37	3043.4411	1522.2244
522.1836	4	N 36	2880.3777	1440.6928
623.2313	5	T 35	2766.3348	1383.6713
680.2528	6	G 34	2665.2871	1333.1475
737.2742	7	G 33	2608.2657	1304.6367
834.3270	8	P 32	2551.2442	1276.1260
931.3798	9	P 31	2454.1914	1227.5996
1028.4325	10	P 30	2357.1387	1179.0733
1085.4540	11	G 29	2260.0859	1130.5469
1182.5068	12	P 28	2203.0645	1102.0361
1279.5595	13	P 27	2106.0117	1053.5098
1376.6123	14	P 26	2008.9589	1004.9834
1473.6650	15	P 25	1911.9062	956.4570
1544.7022	16	A 24	1814.8534	907.9306
1601.7236	17	G 23	1743.8163	872.4121
1658.7451	18	G 22	1686.7948	843.9013
1715.7665	19	G 21	1629.7734	815.3906
1772.7880	20	G 20	1572.7519	786.8799
1829.8095	21	G 19	1515.7304	758.3691
1900.8466	22	A 18	1458.7090	729.8584
1971.8837	23	A 17	1387.6719	694.3398
2028.9052	24	G 16	1316.6347	658.8213
2099.9423	25	A 15	1259.6133	630.3105
2156.9637	26	G 14	1188.5762	594.7920
2213.9852	27	G 13	1131.5547	566.2813
2271.0067	28	G 12	1074.5332	537.7705
2368.0594	29	P 11	1017.5118	509.2598
2465.1122	30	P 10	920.4590	460.7334
2562.1650	31	P 9	823.4062	412.2070
2619.1864	32	G 8	726.3535	363.6807
2716.2392	33	P 7	669.3320	335.1699
2813.2920	34	P 6	572.2792	286.6435
2870.3134	35	G 5	475.2265	238.1172
2941.3505	36	A 4	418.2050	209.6064
2998.3720	37	G 3	347.1679	174.0879
3113.3989	38	D 2	290.1464	145.5771
	39	R 1	175.1195	88.0637

N-term:+43.02

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

SEAFDCAKCNESLYGR, MH+ 1976.8482, m/z 659.6209
 H OS G25 P150811 220811-s1.05508.05508.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

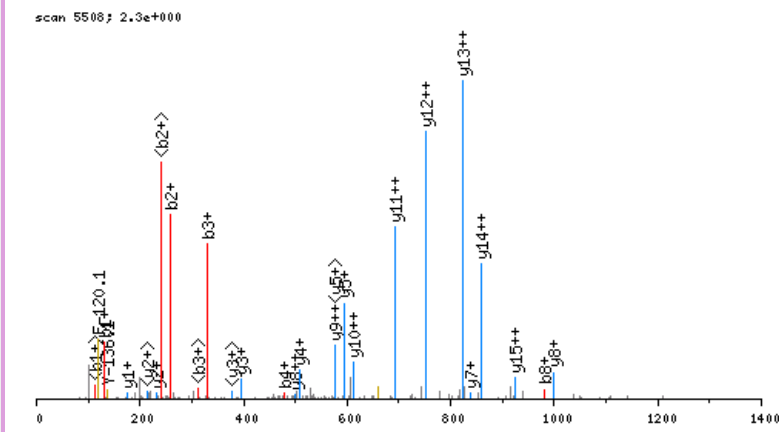
y + 2+ 3+

z + 2+ 3+

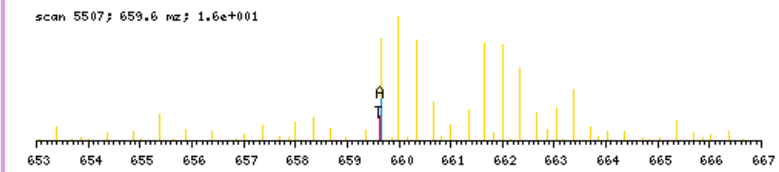
hide H₂O/NH₃

zoom 112-122

GO



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



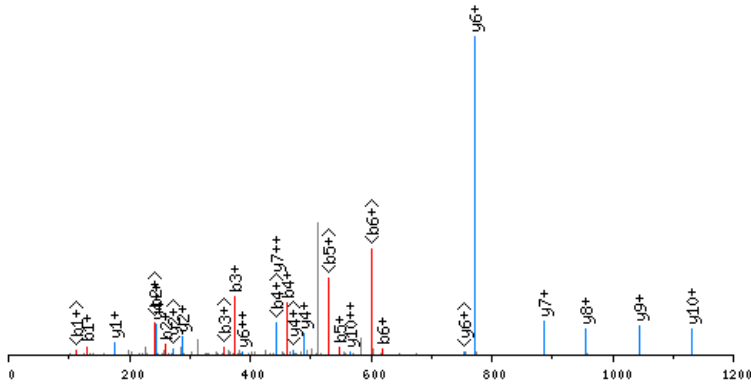
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S	16	
259.0930	2	E	15	1847.8056
330.1301	3	A	14	1718.7630
477.1985	4	F	13	1647.7259
592.2255	5	D	12	1500.6575
752.2561	6	C	11	1385.6305
823.2932	7	A	10	1225.5999
979.4195	8	K	9	1154.5628
1139.4501	9	C	8	998.4365
1253.4930	10	N	7	838.4059
1382.5356	11	E	6	724.3630
1469.5677	12	S	5	595.3204
1582.6517	13	L	4	508.2884
1745.7150	14	Y	3	395.2043
1802.7365	15	G	2	232.1410
	16	R	1	175.1195

N-term:+43.02 C(6):+160.03
 K(8):+156.13 C(9):+160.03

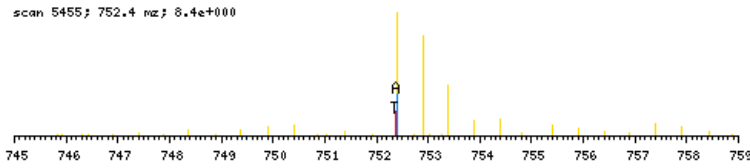
SEDSSALPWSINR, MH+ 1503.7080, m/z 752.3576
 H OS G29 P150811 220811-s1.05456.05456.2.dta

scan 5456; 3.4e+000



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

scan 5455; 752.4 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⁺
130.0504	1	S 13		
259.0930	2	E 12	1374.6654	687.8366
374.1200	3	D 11	1245.6228	623.3153
461.1520	4	S 10	1130.5958	565.8018
548.1840	5	S 9	1043.5638	522.2858
619.2211	6	A 8	956.5318	478.7698
732.3052	7	L 7	885.4947	443.2512
829.3580	8	P 6	772.4106	386.7092
1015.4373	9	W 5	675.3578	338.1828
1102.4693	10	S 4	489.2785	245.1432
1215.5534	11	I 3	402.2465	201.6272
1329.5963	12	N 2	289.1624	145.0851
	13	R 1	175.1195	88.0637

N-term:+43.02

SEGDSVGDsvhGKPSVVYR, MH+ 2044.9940, m/z 682.3362
 H OS G26 P150811 220811-s1.03027.03027.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

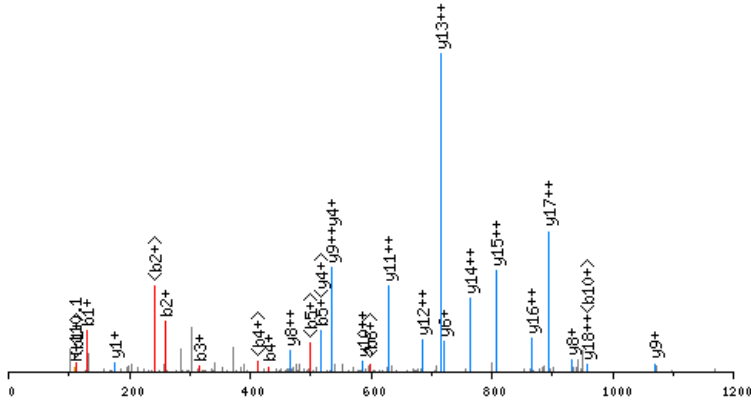
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

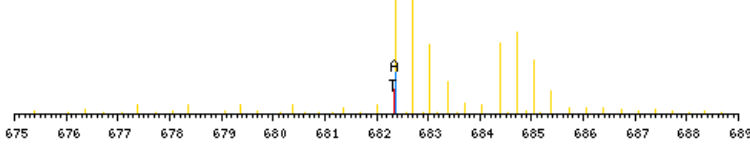
GO

scan 3027; 2.8e+000



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

scan 3025; 682.3 m/z; 1.2e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 19		
259.0930	2	E 18	1915.9514	958.4796
316.1145	3	G 17	1786.9088	893.9583
431.1414	4	D 16	1729.8874	865.4476
518.1735	5	S 15	1614.8604	807.9341
617.2419	6	V 14	1527.8284	764.4181
674.2633	7	G 13	1428.7600	714.8839
789.2903	8	D 12	1371.7385	686.3732
876.3223	9	S 11	1256.7116	628.8597
975.3907	10	V 10	1169.6795	585.3437
1112.4496	11	H 9	1070.6111	535.8095
1169.4711	12	G 8	933.5522	467.2800
1325.5974	13	K 7	876.5307	438.7693
1422.6502	14	P 6	720.4044	360.7061
1509.6822	15	S 5	623.3517	312.1798
1608.7506	16	V 4	536.3197	268.6637
1707.8190	17	V 3	437.2512	219.1295
1870.8823	18	Y 2	338.1828	169.5953
	19	R 1	175.1195	88.0637

N-term:+43.02 K(13):+156.13

SEKFDCHYCR, MH+ 1471.6098, m/z 491.2081
 H OS G27 P150811 220811-s1.02763.02763.3.dta

scan 2763; 2.6e+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+

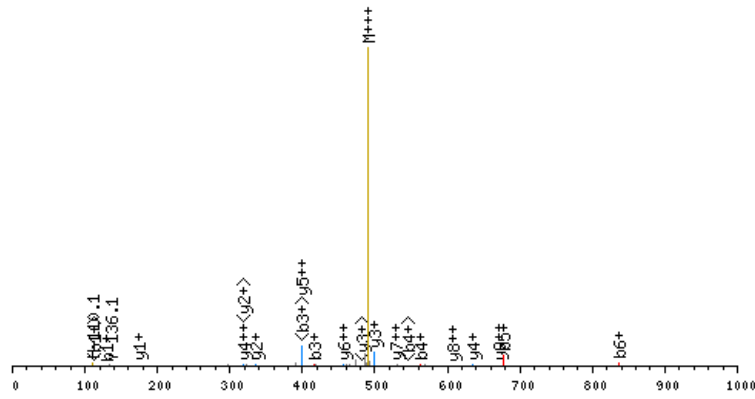
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

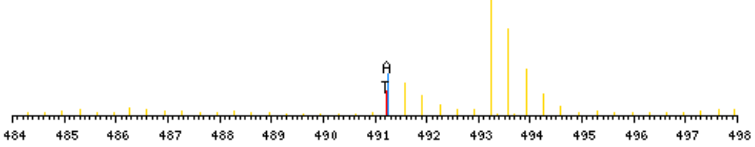
zoom 112-122

GO



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

scan 2762; 491.2 m/z; 5.7e+001



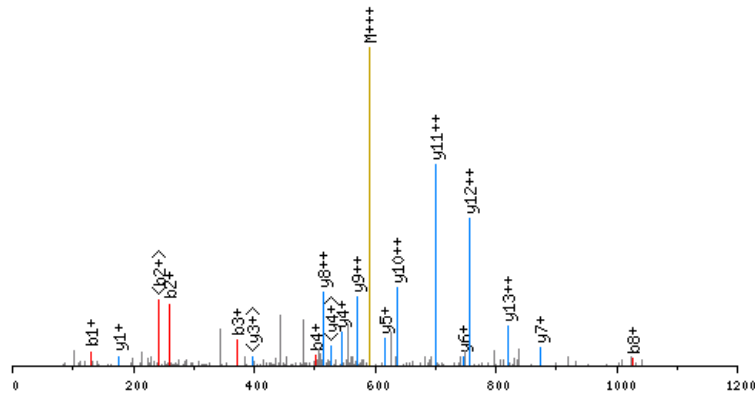
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S	10	
259.0930	2	E	9	1342.5672
415.2193	3	K	8	1213.5246
562.2877	4	F	7	1057.3983
677.3147	5	D	6	910.3299
837.3453	6	C	5	795.3029
974.4042	7	H	4	635.2723
1137.4675	8	Y	3	498.2134
1297.4981	9	C	2	335.1501
	10	R	1	175.1195

N-term:+43.02 K(3):+156.13
 C(6):+160.03 C(9):+160.03

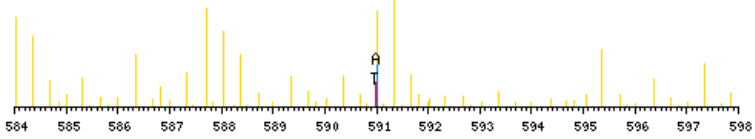
SELEQLRQEAQLR, MH+ 1770.8986, m/z 590.9711
 H OS G25 P150811 220811-s1.08005.08005.3.dta

scan 8005; 2.1e+000



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

scan 8002; 591.0 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⁺
130.0504	1	S 14		
259.0930	2	E 13	1641.8560	821.4319
372.1771	3	L 12	1512.8134	756.9106
501.2197	4	E 11	1399.7294	700.3686
629.2783	5	Q 10	1270.6868	635.8473
742.3623	6	L 9	1142.6282	571.8180
898.4634	7	R 8	1029.5441	515.2760
1026.5220	8	Q 7	873.4430	437.2254
1155.5646	9	E 6	745.3844	373.1961
1226.6017	10	A 5	616.3418	308.6748
1355.6443	11	E 4	545.3047	273.1563
1483.7029	12	Q 3	416.2621	208.6350
1596.7870	13	L 2	288.2036	144.6057
	14	R 1	175.1195	88.0637

N-term:+43.02

SETAPAAPAAPAPAEKTPVKKAR, MH+ 2541.4770, m/z 636.1247
 H_OS_G28_P150811_220811-s1.02491.02491.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

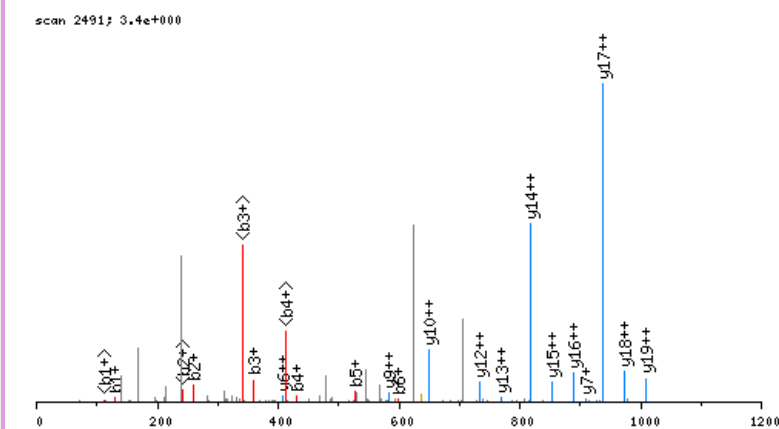
y + 2+ 3+

z + 2+ 3+

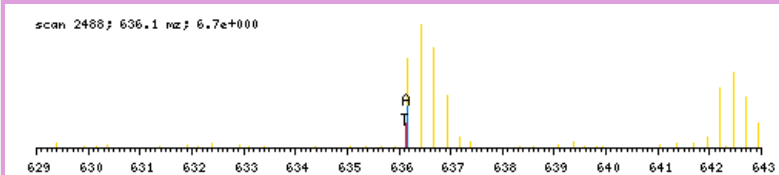
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	24		
259.0930	2	E	23	2412.4344	1206.7211
360.1407	3	T	22	2283.3918	1142.1998
431.1778	4	A	21	2182.3441	1091.6760
528.2306	5	P	20	2111.3070	1056.1574
599.2677	6	A	19	2014.2542	1007.6310
670.3048	7	A	18	1943.2171	972.1125
767.3576	8	P	17	1872.1800	936.5939
838.3947	9	A	16	1775.1272	888.0675
909.4318	10	A	15	1704.0901	852.5490
1006.4846	11	P	14	1633.0530	817.0304
1077.5217	12	A	13	1536.0003	768.5040
1174.5744	13	P	12	1464.9631	732.9855
1245.6116	14	A	11	1367.9104	684.4591
1374.6541	15	E	10	1296.8733	648.9405
1530.7804	16	K	9	1167.8307	584.4192
1631.8281	17	T	8	1011.7044	506.3561
1728.8809	18	P	7	910.6567	455.8323
1827.9493	19	V	6	813.6039	407.3059
1984.0756	20	K	5	714.5355	357.7717
2140.2019	21	K	4	558.4092	279.7085
2296.3282	22	K	3	402.2829	201.6454
2367.3653	23	A	2	246.1566	123.5822
	24	R	1	175.1195	88.0637

N-term:+43.02 K(16):+156.13
 K(20):+156.13 K(21):+156.13
 K(22):+156.13

SETVICSSR, MH+ 1080.4995, m/z 540.7534
 H OS G29 P150811 220811-s1.02751.02751.2.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+

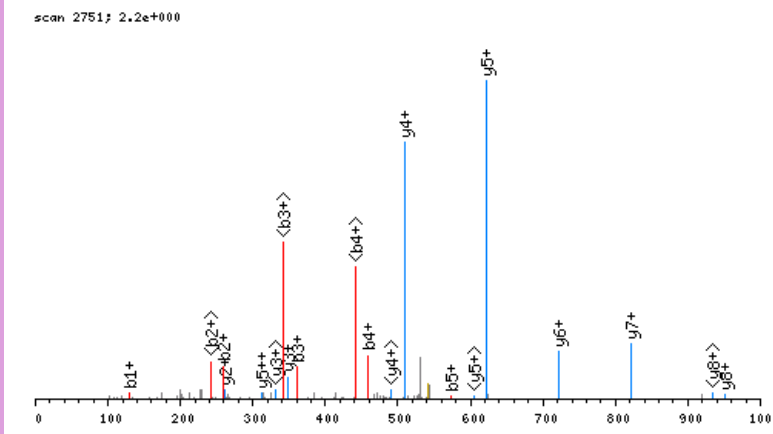
y + 2+ 3+

z + 2+ 3+

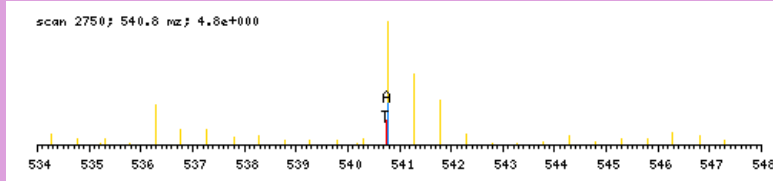
hide H₂O/NH₃

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⁺
130.0504	1	S 9		
259.0930	2	E 8	951.4569	476.2324
360.1407	3	T 7	822.4143	411.7111
459.2091	4	V 6	721.3666	361.1872
572.2932	5	I 5	622.2982	311.6530
732.3238	6	C 4	509.2142	255.1110
819.3558	7	S 3	349.1836	175.0957
906.3878	8	S 2	262.1515	131.5797
	9	R 1	175.1195	88.0637

N-term:+43.02 C(6):+160.03

SGAPPSYSFVALPPR, MH+ 1587.8171, m/z 794.4122
 H OS G29 P150811 220811-s1.05643.05643.2.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+

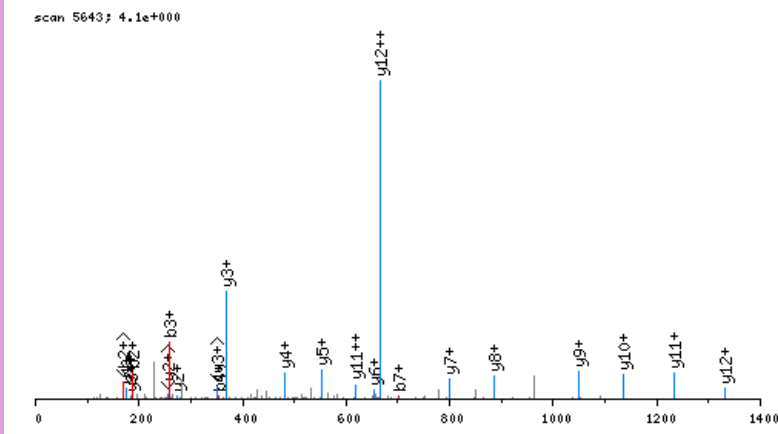
y + 2+ 3+

z + 2+ 3+

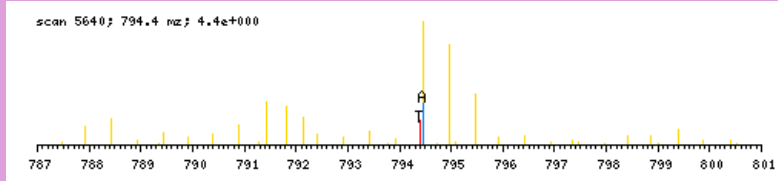
hide H₂O/NH₃

zoom 112-122

GO



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



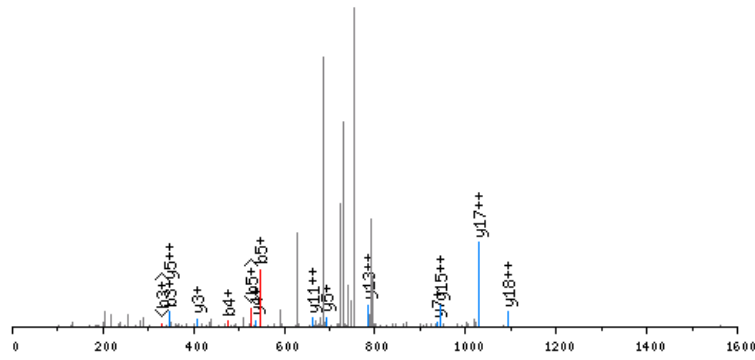
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 15		
187.0719	2	G 14	1458.7745	729.8912
258.1090	3	A 13	1401.7531	701.3804
355.1618	4	P 12	1330.7159	665.8619
452.2145	5	P 11	1233.6632	617.3355
539.2466	6	S 10	1136.6104	568.8091
702.3099	7	Y 9	1049.5784	525.2931
789.3419	8	S 8	886.5151	443.7614
936.4103	9	F 7	799.4830	400.2454
1035.4787	10	V 6	652.4146	326.7112
1106.5159	11	A 5	553.3462	277.1770
1219.5999	12	L 4	482.3091	241.6585
1316.6527	13	P 3	369.2250	185.1164
1413.7055	14	P 2	272.1723	136.5900
	15	R 1	175.1195	88.0637

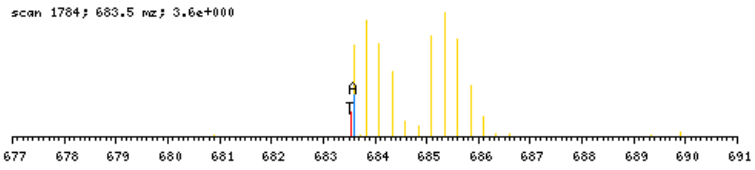
N-term:+43.02

SGCQAQGDCCSRPCGAQDKEHPR, MH+ 2731.1192, m/z 683.5353
 H OS G28 P150811 220811-s1.01786.01786.4.dta

scan 1786; 2.9e+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

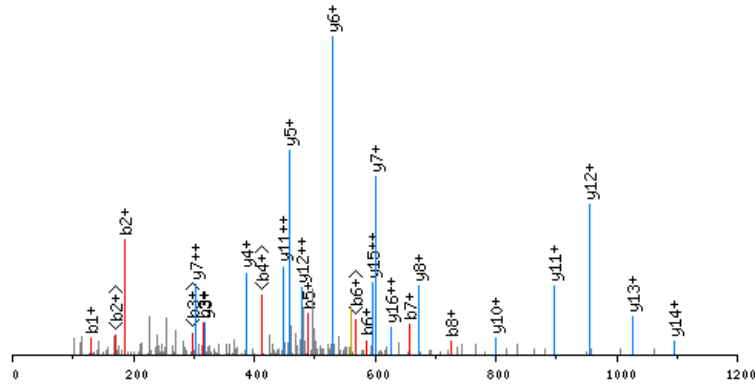
GO

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 23		
187.0719	2	G 22	2602.0766	1301.5422
347.1025	3	C 21	2545.0551	1273.0315
475.1611	4	Q 20	2385.0245	1193.0162
546.1982	5	A 19	2256.9660	1128.9869
674.2568	6	Q 18	2185.9289	1093.4683
731.2782	7	G 17	2057.8703	1029.4391
846.3052	8	D 16	2000.8488	1000.9283
1006.3358	9	C 15	1885.8219	943.4148
1166.3664	10	C 14	1725.7913	863.3995
1253.3984	11	S 13	1565.7607	783.3842
1409.4995	12	R 12	1478.7286	739.8682
1506.5523	13	P 11	1322.6275	661.8177
1666.5829	14	C 10	1225.5748	613.2913
1723.6043	15	G 9	1065.5442	533.2760
1794.6414	16	A 8	1008.5227	504.7653
1922.7000	17	Q 7	937.4856	469.2467
2037.7270	18	D 6	809.4270	405.2174
2193.8533	19	K 5	694.4001	347.7039
2322.8959	20	E 4	538.2738	269.6408
2459.9548	21	H 3	409.2312	205.1195
2557.0075	22	P 2	272.1723	136.5900
	23	R 1	175.1195	88.0637

N-term:+43.02 C(3):+160.03
 C(9):+160.03 C(10):+160.03
 C(14):+160.03 K(19):+156.13

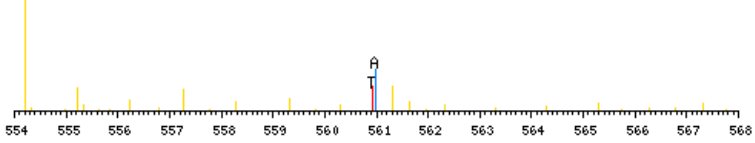
SGEDGPAAGPGAAAAAAR, MH+ 1680.7942, m/z 560.9362
 H OS G29 P150811 220811-s1.03437.03437.3.dta

scan 3437; 1.2e+000



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

scan 3435; 560.9 m/z; 2.4e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

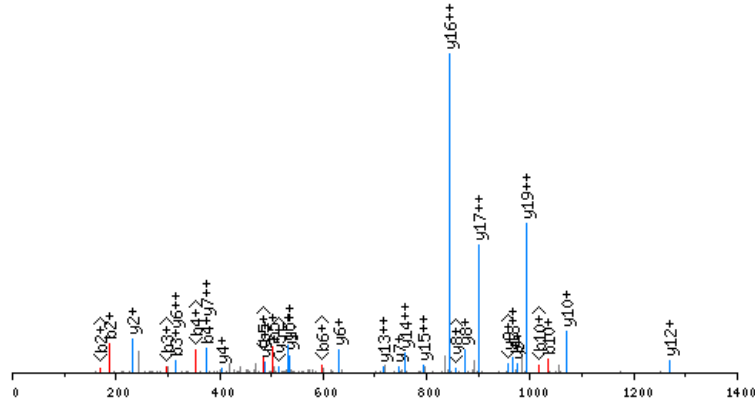
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	20		
187.0719	2	G	19	1551.7516	776.3797
316.1145	3	E	18	1494.7301	747.8690
431.1414	4	D	17	1365.6875	683.3477
488.1629	5	G	16	1250.6606	625.8342
585.2157	6	P	15	1193.6391	597.3235
656.2528	7	A	14	1096.5863	548.7971
727.2899	8	A	13	1025.5492	513.2785
784.3113	9	G	12	954.5121	477.7600
881.3641	10	P	11	897.4906	449.2492
938.3856	11	G	10	800.4379	400.7228
1009.4227	12	A	9	743.4164	372.2121
1080.4598	13	A	8	672.3793	336.6936
1151.4969	14	A	7	601.3422	301.1750
1222.5340	15	A	6	530.3051	265.6564
1293.5711	16	A	5	459.2680	230.1379
1364.6083	17	A	4	388.2308	194.6193
1435.6454	18	A	3	317.1937	159.1008
1506.6825	19	A	2	246.1566	123.5822
	20	R	1	175.1195	88.0637

N-term:+43.02

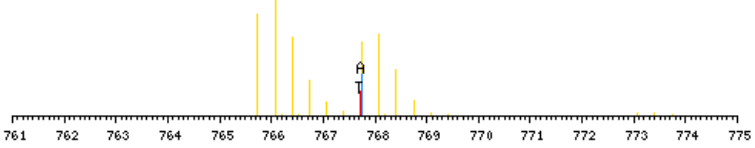
SGEGENPASKPTPVQDVQDGR, MH+ 2301.1172, m/z 767.7106
 H OS G24 P150811 220811-s1.02859.02859.3.dta

scan 2859; 3.8e+000



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

scan 2857; 767.7 mz; 8.6e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	22		
187.0719	2	G	21	2172.0746	1086.5412
316.1145	3	E	20	2115.0531	1058.0305
373.1359	4	G	19	1986.0105	993.5092
502.1785	5	E	18	1928.9890	964.9984
616.2215	6	N	17	1799.9464	900.4771
713.2742	7	P	16	1685.9035	843.4557
784.3113	8	A	15	1588.8507	794.9293
871.3434	9	S	14	1517.8136	759.4107
1033.5015	10	K	13	1430.7816	715.8947
1130.5542	11	P	12	1268.6235	634.8157
1231.6019	12	T	11	1171.5707	586.2893
1328.6547	13	P	10	1070.5231	535.7654
1427.7231	14	V	9	973.4703	487.2391
1555.7817	15	Q	8	874.4019	437.7049
1670.8086	16	D	7	746.3433	373.6756
1769.8770	17	V	6	631.3164	316.1621
1897.9356	18	Q	5	532.2479	266.6279
1954.9571	19	G	4	404.1894	202.5986
2069.9840	20	D	3	347.1679	174.0879
2127.0055	21	G	2	232.1410	116.5744
	22	R	1	175.1195	88.0637

N-term:+43.02 K(10):+162.16

SGGKYVDSEGHLYTVPIR, MH+ 2048.0453, m/z 683.3533
 H OS G26 P150811 220811-s1.04584.04584.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

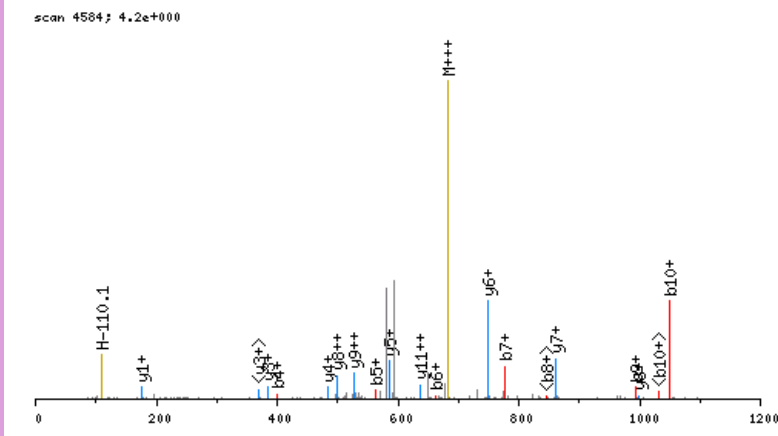
y + 2+ 3+

z + 2+ 3+

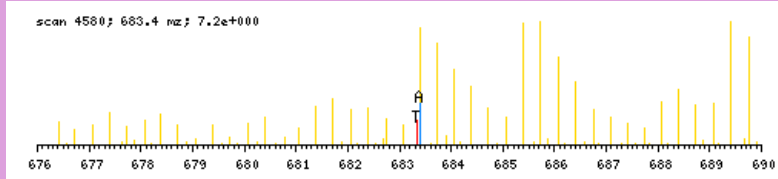
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 18		
187.0719	2	G 17	1919.0027	960.0053
244.0934	3	G 16	1861.9813	931.4945
400.2197	4	K 15	1804.9598	902.9838
563.2830	5	Y 14	1648.8335	824.9207
662.3514	6	V 13	1485.7702	743.3890
777.3783	7	D 12	1386.7018	693.8548
864.4104	8	S 11	1271.6748	636.3413
993.4530	9	E 10	1184.6428	592.8253
1050.4744	10	G 9	1055.6002	528.3040
1187.5333	11	H 8	998.5787	499.7933
1300.6174	12	L 7	861.5198	431.2638
1463.6807	13	Y 6	748.4357	374.7218
1564.7284	14	T 5	585.3724	293.1901
1663.7968	15	V 4	484.3247	242.6663
1760.8496	16	P 3	385.2563	193.1321
1873.9337	17	I 2	288.2036	144.6057
	18	R 1	175.1195	88.0637

N-term:+43.02 K(4):+156.13

SGGSTMYPGIADR, MH+ 1353.6109, m/z 677.3091
 H OS G25 P150811 220811-s1.04046.04046.2.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+

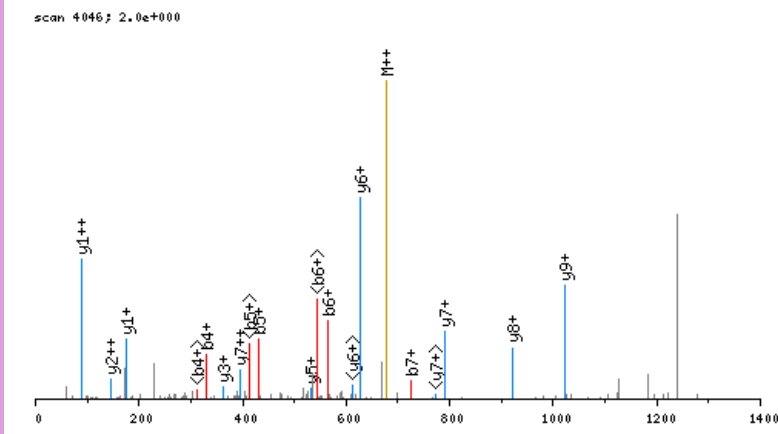
y + 2+ 3+

z + 2+ 3+

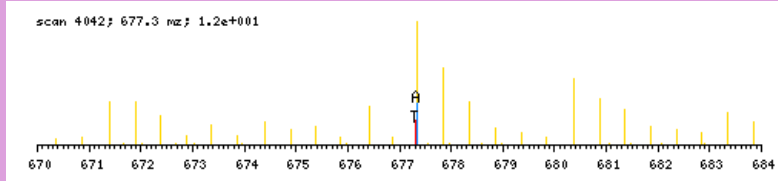
hide H₂O/NH₃

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⁺
130.0504	1	S 13		
187.0719	2	G 12	1224.5683	612.7881
244.0934	3	G 11	1167.5468	584.2773
331.1254	4	S 10	1110.5254	555.7666
432.1731	5	T 9	1023.4933	512.2506
563.2135	6	M 8	922.4457	461.7267
726.2769	7	Y 7	791.4052	396.2065
823.3296	8	P 6	628.3418	314.6748
880.3511	9	G 5	531.2891	266.1485
993.4352	10	I 4	474.2676	237.6377
1064.4723	11	A 3	361.1836	181.0957
1179.4992	12	D 2	290.1464	145.5771
	13	R 1	175.1195	88.0637

N-term:+43.02

SGQPGVGPAGVR, MH+ 1220.6388, m/z 610.8230
 H OS G25 P150811 220811-s1.02749.02749.2.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+

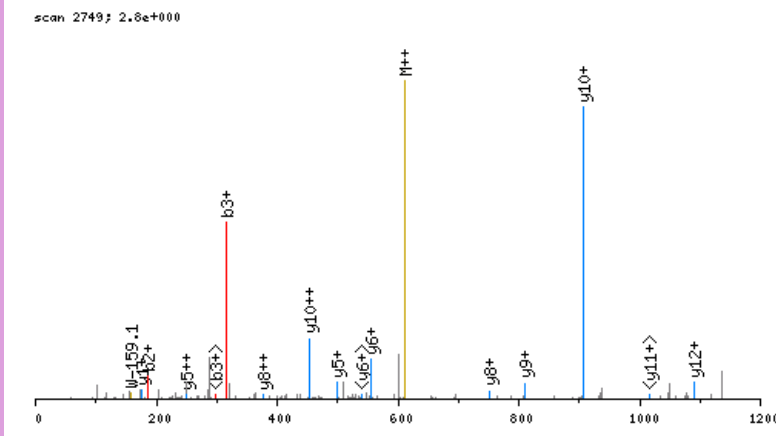
y + 2+ 3+

z + 2+ 3+

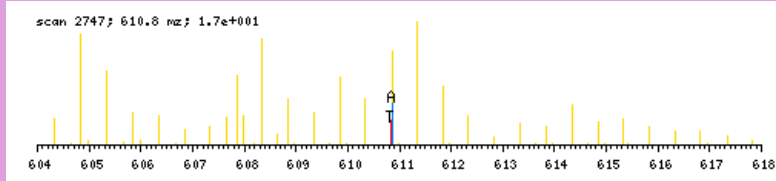
hide H₂O/NH₃

zoom 112-122

GO



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



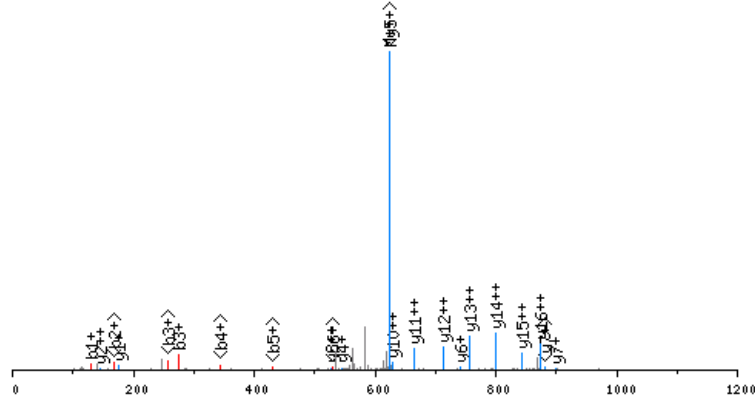
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 13		
187.0719	2	G 12	1091.5962	546.3020
315.1305	3	Q 11	1034.5747	517.7913
412.1832	4	P 10	906.5161	453.7620
469.2047	5	G 9	809.4634	405.2356
566.2575	6	P 8	752.4419	376.7249
665.3259	7	V 7	655.3891	328.1985
722.3473	8	G 6	556.3207	278.6643
819.4001	9	P 5	499.2993	250.1535
890.4372	10	A 4	402.2465	201.6272
947.4587	11	G 3	331.2094	166.1086
1046.5271	12	V 2	274.1879	137.5979
	13	R 1	175.1195	88.0637

N-term:+43.02

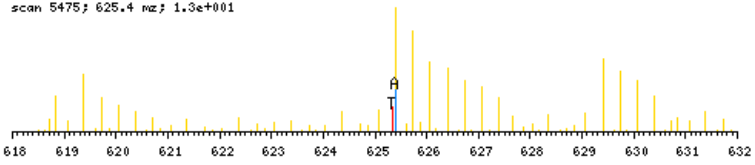
SGSSSVAAMKKVVQQLR, MH+ 1874.0534, m/z 625.3560
 H OS G26 P150811 220811-s1.05476.05476.3.dta

scan 5476; 7.7e+000



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

scan 5475; 625.4 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

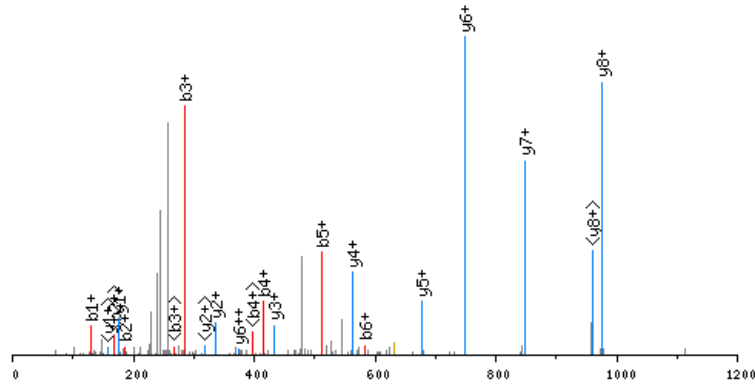
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	17		
187.0719	2	G	16	1745.0108	873.0093
274.1039	3	S	15	1687.9894	844.4986
361.1359	4	S	14	1600.9573	800.9826
448.1680	5	S	13	1513.9253	757.4666
547.2364	6	V	12	1426.8933	713.9505
618.2735	7	A	11	1327.8249	664.4163
689.3106	8	A	10	1256.7877	628.8978
820.3511	9	M	9	1185.7506	593.3792
976.4774	10	K	8	1054.7101	527.8590
1132.6037	11	K	7	898.5838	449.7958
1231.6721	12	V	6	742.4575	371.7327
1330.7405	13	V	5	643.3891	322.1985
1458.7991	14	Q	4	544.3207	272.6643
1586.8577	15	Q	3	416.2621	208.6350
1699.9418	16	L	2	288.2036	144.6057
	17	R	1	175.1195	88.0637

N-term:+43.02 K(10):+156.13
 K(11):+156.13

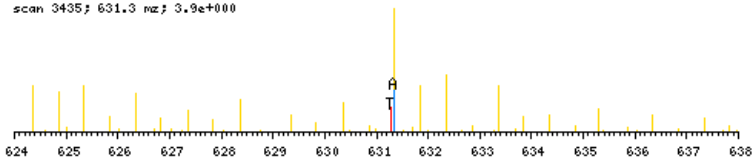
SGVQVADEVCR, MH+ 1261.5846, m/z 631.2960
 H OS G29 P150811 220811-s1.03439.03439.2.dta

scan 3439; 1.2e+000



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

scan 3435; 631.3 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⁺
130.0504	1	S 11		
187.0719	2	G 10	1132.5420	566.7749
286.1403	3	V 9	1075.5206	538.2642
414.1989	4	Q 8	976.4522	488.7300
513.2673	5	V 7	848.3936	424.7007
584.3044	6	A 6	749.3252	375.1665
699.3314	7	D 5	678.2881	339.6479
828.3739	8	E 4	563.2611	282.1345
927.4424	9	V 3	434.2185	217.6132
1087.4730	10	C 2	335.1501	168.0790
	11	R 1	175.1195	88.0637

N-term:+43.02 C(10):+160.03

SGYTPDEKLR, MH+ 1235.6272, m/z 618.3173
 H OS G25 P150811 220811-s1.03373.03373.2.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+

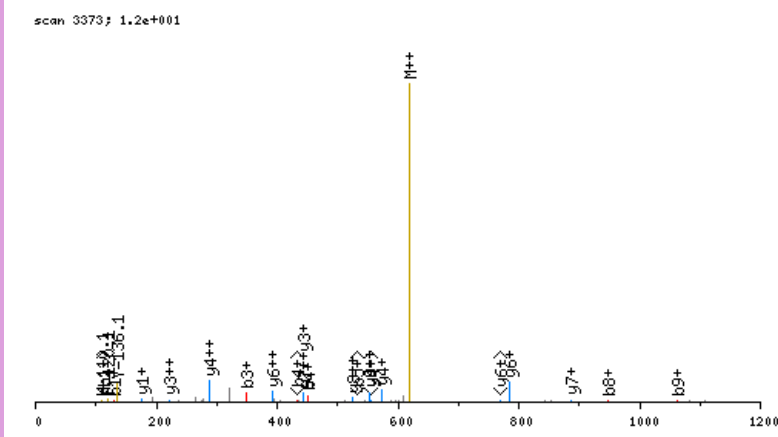
y + 2+ 3+

z + 2+ 3+

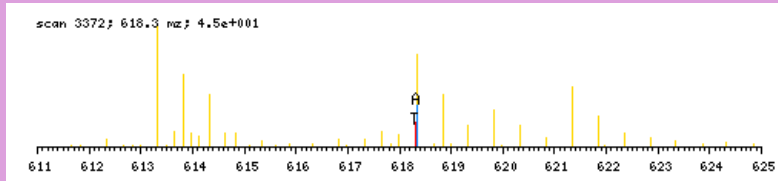
hide H₂O/NH₃

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⁺
130.0504	1	S	10	
187.0719	2	G	9	1106.5846
350.1352	3	Y	8	1049.5632
451.1829	4	T	7	886.4998
548.2357	5	P	6	785.4522
663.2626	6	D	5	688.3994
792.3052	7	E	4	573.3725
948.4315	8	K	3	444.3299
1061.5156	9	L	2	288.2036
	10	R	1	175.1195

N-term:+43.02 K(8):+156.13

SHGFTKEEVAEFQAAFNR, MH+ 2138.0307, m/z 535.2631
 H OS G27 P150811 220811-s1.06945.06945.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

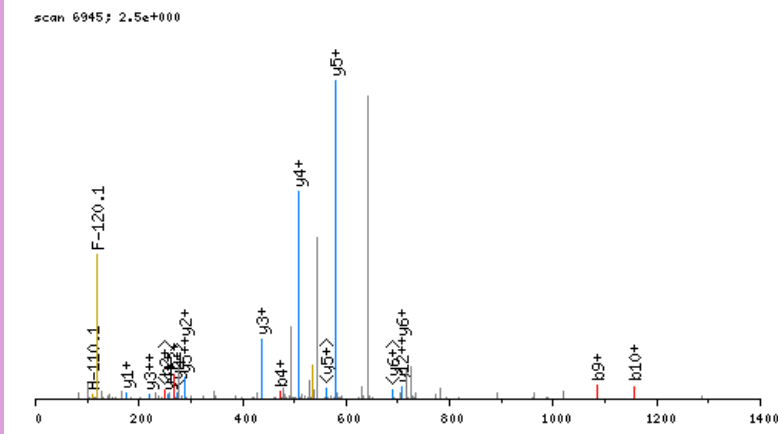
y + 2+ 3+

z + 2+ 3+

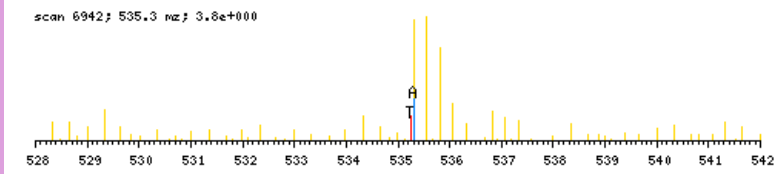
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	18		
267.1093	2	H	17	2008.9881	1004.9980
324.1308	3	G	16	1871.9292	936.4685
471.1992	4	F	15	1814.9078	907.9578
572.2469	5	T	14	1667.8393	834.4236
728.3732	6	K	13	1566.7917	783.8997
857.4158	7	E	12	1410.6654	705.8366
986.4584	8	E	11	1281.6228	641.3153
1085.5268	9	V	10	1152.5802	576.7940
1156.5639	10	A	9	1053.5118	527.2598
1285.6065	11	E	8	982.4747	491.7412
1432.6749	12	F	7	853.4321	427.2199
1560.7335	13	Q	6	706.3636	353.6857
1631.7706	14	A	5	578.3051	289.6564
1702.8077	15	A	4	507.2680	254.1379
1849.8761	16	F	3	436.2308	218.6193
1963.9191	17	N	2	289.1624	145.0851
	18	R	1	175.1195	88.0637

N-term:+43.02 K(6):+156.13

SHPSWLPPKSTGEPLGHVPAR, MH+ 2326.2521, m/z 582.3185
 H OS G27 P150811 220811-s1.05240.05240.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

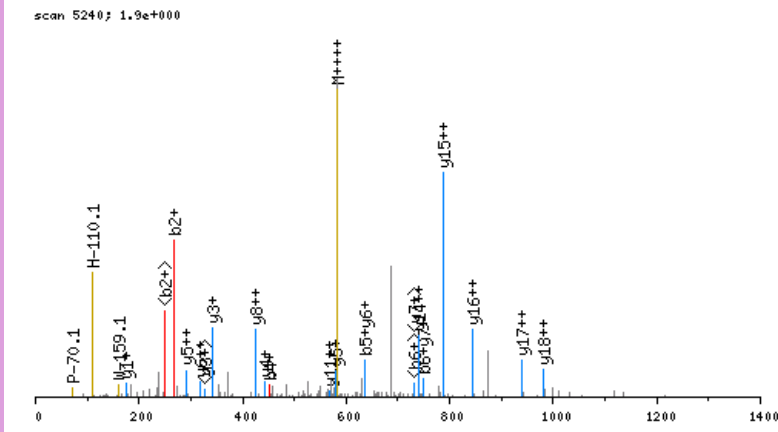
y + 2+ 3+

z + 2+ 3+

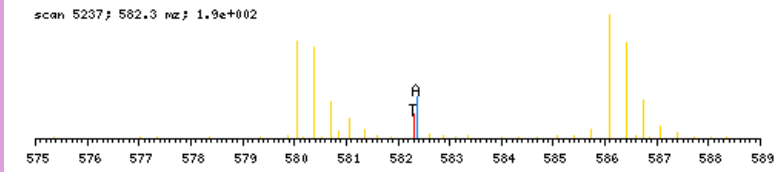
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 21		
267.1093	2	H 20	2197.2095	1099.1086
364.1621	3	P 19	2060.1506	1030.5792
451.1941	4	S 18	1963.0978	982.0528
637.2734	5	W 17	1876.0658	938.5368
750.3575	6	L 16	1689.9865	845.4971
847.4103	7	P 15	1576.9024	788.9551
944.4630	8	P 14	1479.8496	740.4287
1106.6211	9	K 13	1382.7969	691.9023
1193.6532	10	S 12	1220.6388	610.8233
1294.7008	11	T 11	1133.6067	567.3073
1351.7223	12	G 10	1032.5591	516.7834
1480.7649	13	E 9	975.5376	488.2727
1577.8177	14	P 8	846.4950	423.7514
1690.9017	15	L 7	749.4422	375.2250
1747.9232	16	G 6	636.3582	318.6830
1884.9821	17	H 5	579.3367	290.1723
1984.0505	18	V 4	442.2778	221.6428
2081.1033	19	P 3	343.2094	172.1086
2152.1404	20	A 2	246.1566	123.5822
	21	R 1	175.1195	88.0637

N-term:+43.02 K(9):+162.16

SHQTGIQASEDVKEIFAR, MH+ 2086.0570, m/z 696.0238
 H OS G26 P150811 220811-s1.05456.05456.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

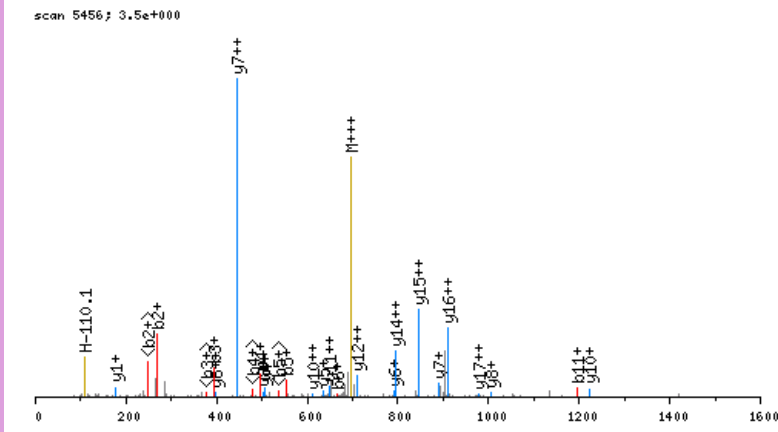
y + 2+ 3+

z + 2+ 3+

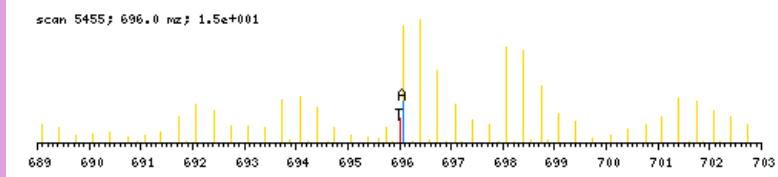
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 18		
267.1093	2	H 17	1957.0144	979.0111
395.1679	3	Q 16	1819.9554	910.4816
496.2156	4	T 15	1691.8969	846.4523
553.2371	5	G 14	1590.8492	795.9285
666.3211	6	I 13	1533.8277	767.4178
794.3797	7	Q 12	1420.7437	710.8757
865.4168	8	A 11	1292.6851	646.8465
952.4488	9	S 10	1221.6480	611.3279
1081.4914	10	E 9	1134.6159	567.8119
1196.5184	11	D 8	1005.5733	503.2906
1295.5868	12	V 7	890.5464	445.7771
1451.7131	13	K 6	791.4780	396.2429
1580.7557	14	E 5	635.3517	318.1798
1693.8398	15	I 4	506.3091	253.6585
1840.9082	16	F 3	393.2250	197.1164
1911.9453	17	A 2	246.1566	123.5822
	18	R 1	175.1195	88.0637

N-term:+43.02 K(13):+156.13

SHTILLVQPTKRPEGR, MH+ 1908.1244, m/z 477.7865
 H OS G28 P150811 220811-s1.04344.04344.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

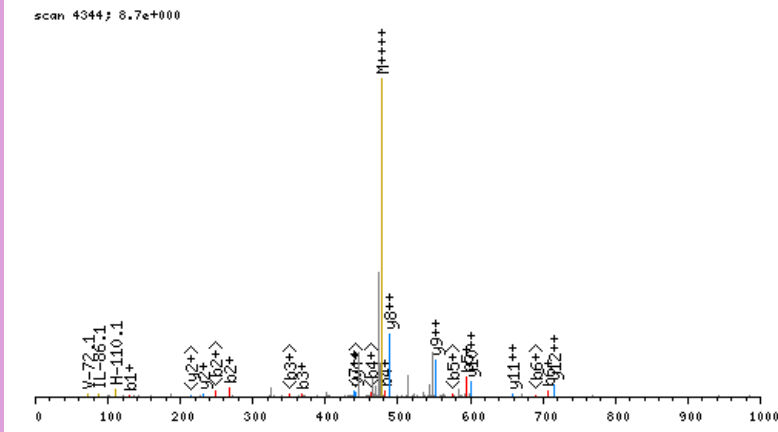
y + 2+ 3+

z + 2+ 3+

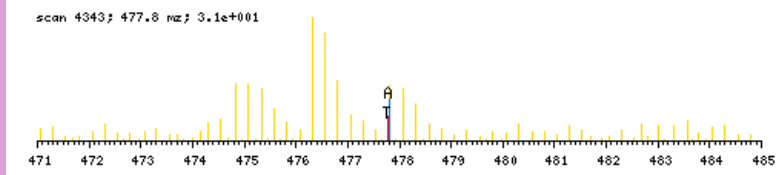
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 16		
267.1093	2	H 15	1779.0817	890.0448
368.1570	3	T 14	1642.0228	821.5153
481.2411	4	I 13	1540.9752	770.9915
594.3251	5	L 12	1427.8911	714.4495
707.4092	6	L 11	1314.8070	657.9074
806.4776	7	V 10	1201.7230	601.3654
934.5362	8	Q 9	1102.6546	551.8312
1031.5890	9	P 8	974.5960	487.8019
1132.6366	10	T 7	877.5432	439.2755
1294.7947	11	K 6	776.4955	388.7517
1450.8959	12	R 5	614.3374	307.6726
1547.9486	13	P 4	458.2363	229.6221
1676.9912	14	E 3	361.1836	181.0957
1734.0127	15	G 2	232.1410	116.5744
	16	R 1	175.1195	88.0637

N-term:+43.02 K(11):+162.16

SILYVSPHPDAFPSLR, MH+ 1840.9598, m/z 614.3248
 H OS G24 P150811 220811-s1.04888.04888.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

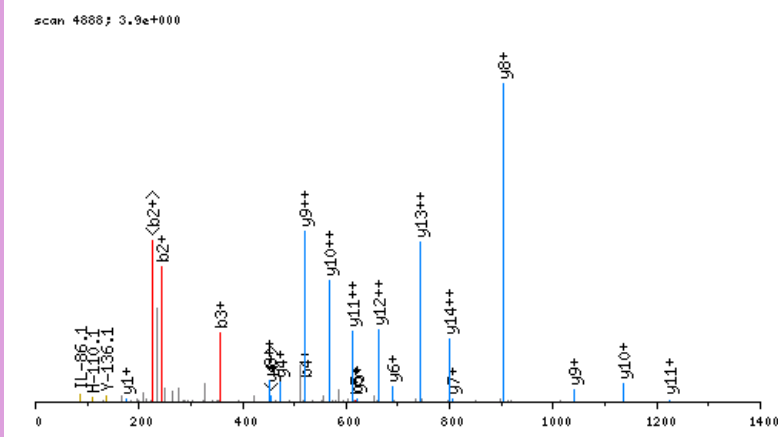
y + 2+ 3+

z + 2+ 3+

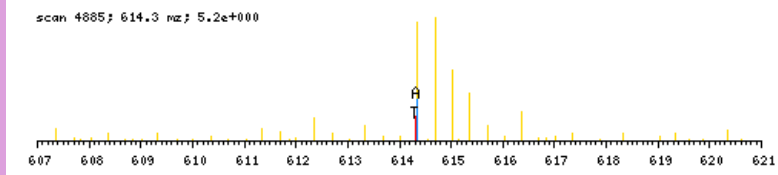
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 16		
243.1345	2	I 15	1711.9172	856.4625
356.2186	3	L 14	1598.8331	799.9205
519.2819	4	Y 13	1485.7490	743.3784
618.3503	5	V 12	1322.6857	661.8468
705.3823	6	S 11	1223.6173	612.3126
802.4351	7	P 10	1136.5853	568.7965
939.4940	8	H 9	1039.5325	520.2702
1036.5468	9	P 8	902.4736	451.7407
1151.5737	10	D 7	805.4208	403.2143
1222.6108	11	A 6	690.3939	345.7009
1369.6792	12	F 5	619.3568	310.1823
1466.7320	13	P 4	472.2884	236.6481
1553.7640	14	S 3	375.2356	188.1217
1666.8481	15	L 2	288.2036	144.6057
	16	R 1	175.1195	88.0637

N-term:+43.02

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

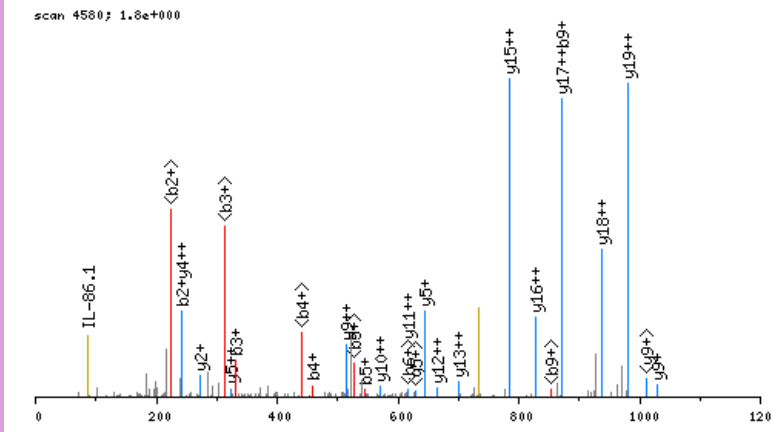
y + 2+ 3+

z + 2+ 3+

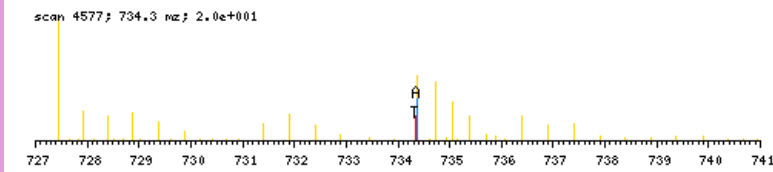
hide H₂O/NH₃

zoom 112-122

GO



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



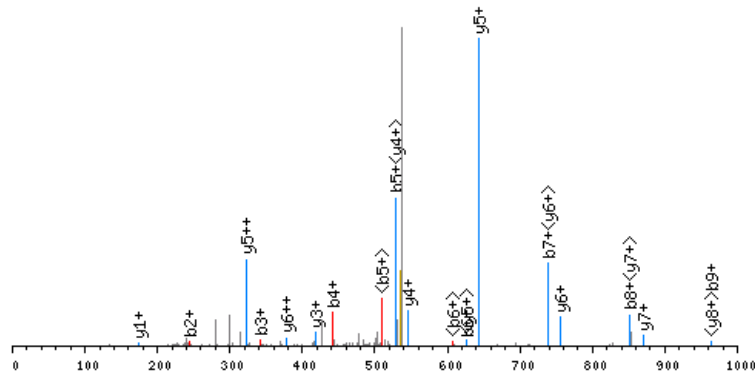
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 21		
243.1345	2	I 20	2071.9830	1036.4954
330.1665	3	S 19	1958.8990	979.9534
459.2091	4	E 18	1871.8670	936.4374
546.2411	5	S 17	1742.8244	871.9161
633.2732	6	S 16	1655.7923	828.4001
730.3259	7	P 15	1568.7603	784.8841
801.3630	8	A 14	1471.7075	736.3577
872.4002	9	A 13	1400.6704	700.8391
973.4478	10	T 12	1329.6333	665.3206
1060.4799	11	S 11	1228.5856	614.7967
1173.5639	12	L 10	1141.5536	571.2807
1270.6167	13	P 9	1028.4695	514.7387
1384.6596	14	N 8	931.4168	466.2123
1441.6811	15	G 7	817.3738	409.1908
1556.7080	16	D 6	760.3524	380.6801
1716.7386	17	C 5	645.3254	323.1666
1773.7601	18	G 4	485.2948	243.1513
1929.8612	19	R 3	428.2734	214.6406
2026.9140	20	P 2	272.1723	136.5900
	21	R 1	175.1195	88.0637

N-term:+43.02 C(17):+160.03

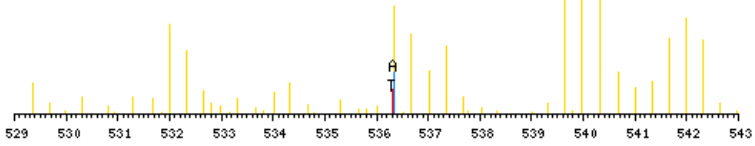
SIVVSPILIPENQR, MH+ 1606.9168, m/z 536.3105
 H OS G24 P150811 220811-s1.04569.04569.3.dta

scan 4569; 2.2e+000



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

scan 4567; 536.3 m/z; 1.9e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 14		
243.1345	2	I 13	1477.8742	739.4410
342.2029	3	V 12	1364.7902	682.8990
441.2713	4	V 11	1265.7218	633.3648
528.3033	5	S 10	1166.6533	583.8306
625.3561	6	P 9	1079.6213	540.3146
738.4402	7	I 8	982.5686	491.7882
851.5242	8	L 7	869.4845	435.2462
964.6083	9	I 6	756.4004	378.7041
1061.6611	10	P 5	643.3164	322.1621
1190.7037	11	E 4	546.2636	273.6357
1304.7466	12	N 3	417.2210	209.1144
1432.8052	13	Q 2	303.1781	152.0930
	14	R 1	175.1195	88.0637

N-term:+43.02

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

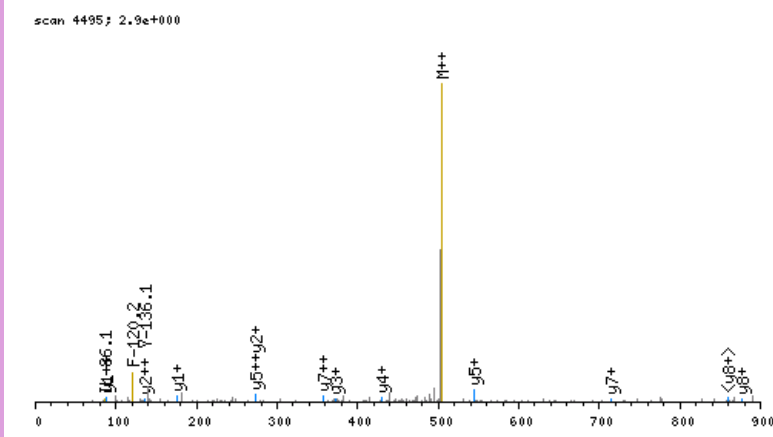
y + 2+ 3+

z + 2+ 3+

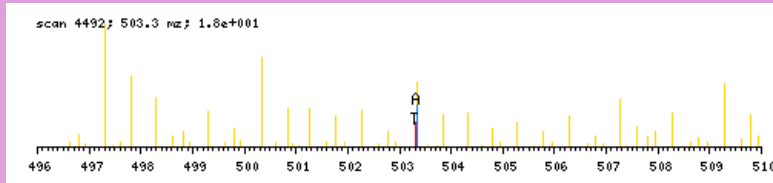
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S	9	
292.2085	2	K	8	876.5480 438.7779
349.2300	3	G	7	714.3899 357.6988
462.3141	4	L	6	657.3684 329.1881
576.3570	5	N	5	544.2843 272.6461
633.3784	6	G	4	430.2414 215.6246
734.4261	7	T	3	373.2199 187.1139
831.4789	8	P	2	272.1723 136.5900
	9	R	1	175.1195 88.0637

N-term:+43.02 K(2):+162.16

SKSESPKEPEQLR, MH+ 1624.9183, m/z 542.3110
 H OS G26 P150811 220811-s1.02158.02158.3.dta

scan 2158; 1.1e+002

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

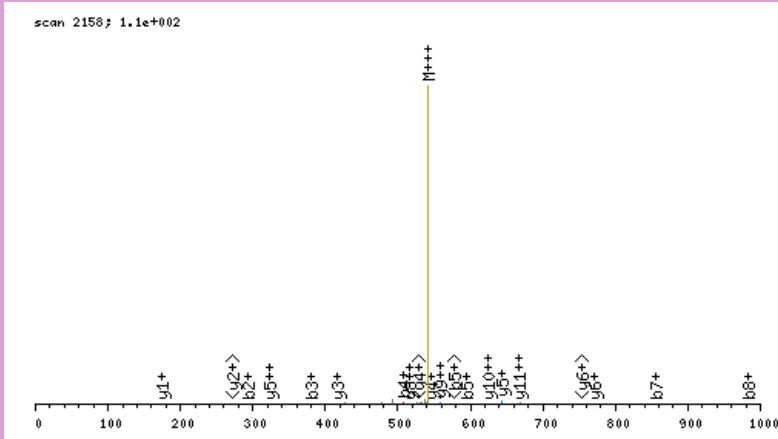
y + 2+ 3+

z + 2+ 3+

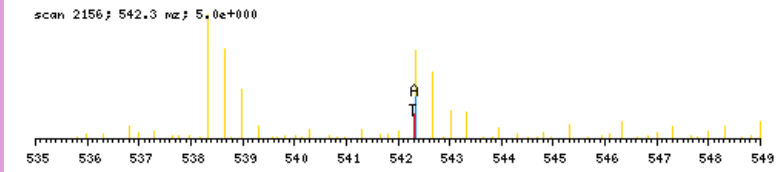
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 13		
292.2085	2	K 12	1495.8757	748.4418
379.2406	3	S 11	1333.7176	667.3627
508.2832	4	E 10	1246.6856	623.8467
595.3152	5	S 9	1117.6430	559.3254
692.3679	6	P 8	1030.6110	515.8094
854.5260	7	K 7	933.5582	467.2830
983.5686	8	E 6	771.4001	386.2040
1080.6214	9	P 5	642.3575	321.6827
1209.6640	10	E 4	545.3047	273.1563
1337.7226	11	Q 3	416.2621	208.6350
1450.8066	12	L 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

N-term:+43.02 K(2):+162.16
 K(7):+162.16

SLDIQCEQLSDAR, MH+ 1576.7277, m/z 788.8675
 H OS G29 P150811 220811-s1.04516.04516.2.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+

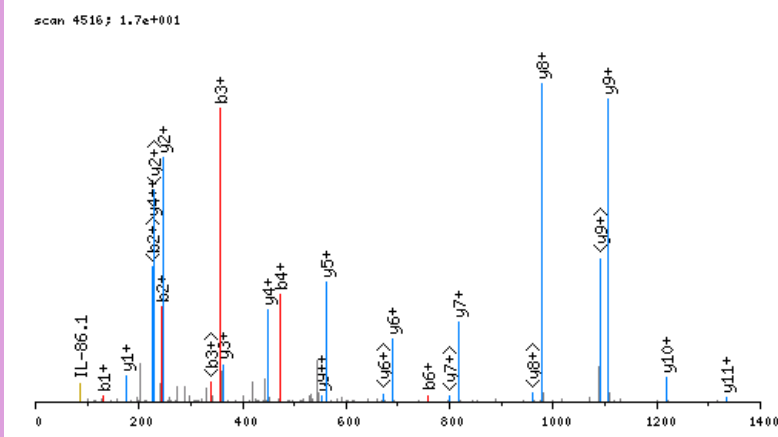
y + 2+ 3+

z + 2+ 3+

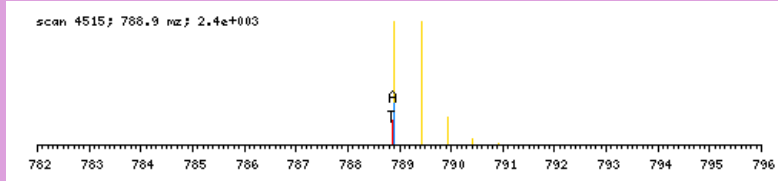
hide H₂O/NH₃

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⁺
130.0504	1	S 13		
243.1345	2	L 12	1447.6851	724.3464
358.1614	3	D 11	1334.6010	667.8044
471.2455	4	I 10	1219.5741	610.2909
599.3041	5	Q 9	1106.4900	553.7489
759.3347	6	C 8	978.4314	489.7196
888.3773	7	E 7	818.4008	409.7043
1016.4358	8	Q 6	689.3582	345.1830
1129.5199	9	L 5	561.2997	281.1537
1216.5519	10	S 4	448.2156	224.6117
1331.5789	11	D 3	361.1836	181.0957
1402.6160	12	A 2	246.1566	123.5822
	13	R 1	175.1195	88.0637

N-term:+43.02 C(6):+160.03

SLGGVSEASR, MH+ 1004.5013, m/z 502.7543
 H OS G29 P150811 220811-s1.02788.02788.2.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+

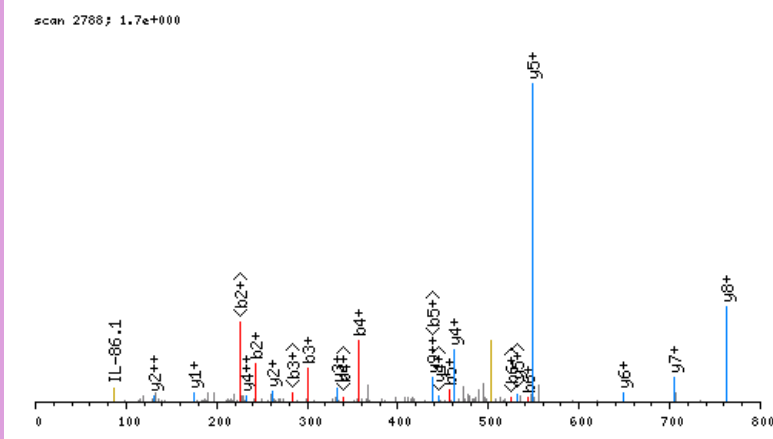
y + 2+ 3+

z + 2+ 3+

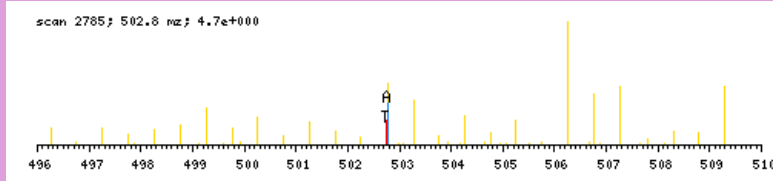
hide H₂O/NH₃

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⁺
130.0504	1	S	10		
243.1345	2	L	9	875.4587	438.2332
300.1560	3	G	8	762.3746	381.6912
357.1774	4	G	7	705.3531	353.1805
456.2458	5	V	6	648.3317	324.6698
543.2779	6	S	5	549.2633	275.1355
672.3205	7	E	4	462.2312	231.6195
743.3576	8	A	3	333.1886	167.0982
830.3896	9	S	2	262.1515	131.5797
	10	R	1	175.1195	88.0637

N-term:+43.02

SLKPQPPAPATGR, MH+ 1614.8968, m/z 538.9705
 H OS G24 P150811 220811-s1.02868.02868.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

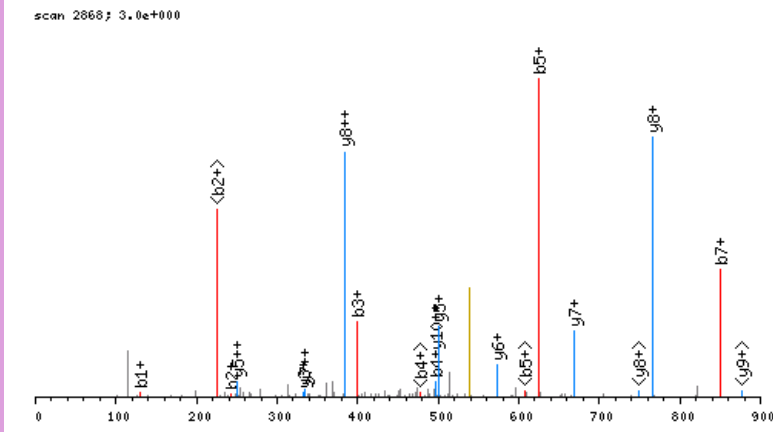
y + 2+ 3+

z + 2+ 3+

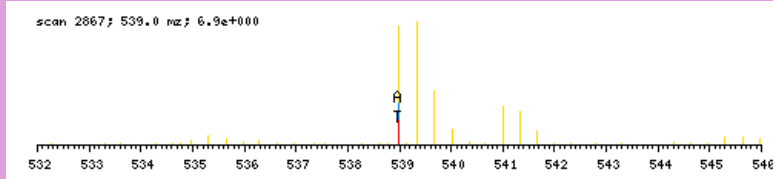
hide H₂O/NH₃

zoom 112-122

GO



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



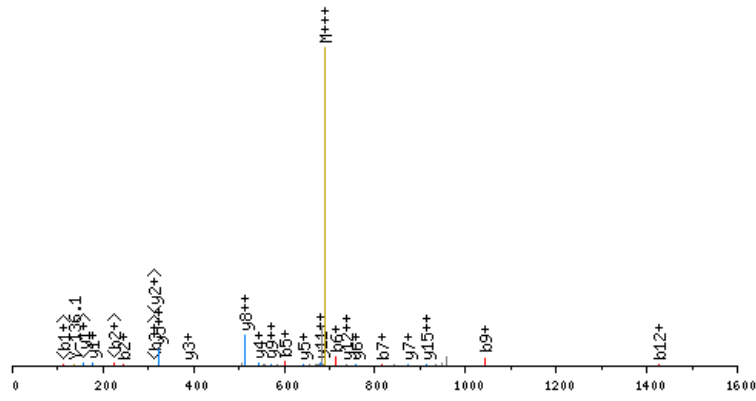
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 15		
243.1345	2	L 14	1485.8542	743.4310
399.2608	3	K 13	1372.7701	686.8890
496.3136	4	P 12	1216.6438	608.8258
624.3721	5	Q 11	1119.5911	560.2995
721.4249	6	P 10	991.5325	496.2702
849.4835	7	Q 9	894.4797	447.7438
946.5362	8	P 8	807.4270	383.7145
1043.5890	9	P 7	720.3743	335.1881
1114.6261	10	A 6	633.3216	286.6617
1211.6789	11	P 5	546.2785	251.1432
1282.7160	12	A 4	460.2258	202.6168
1383.7637	13	T 3	373.1886	167.0982
1440.7851	14	G 2	287.1410	116.5744
	15	R 1	175.1195	88.0637

N-term:+43.02 K(3):+156.13

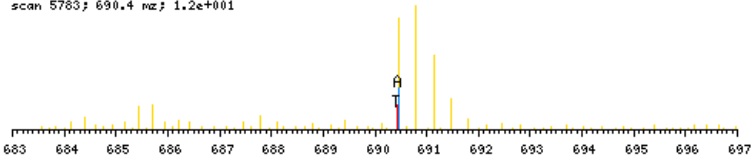
SLSNKLTLDKLDVKGKR, MH+ 2069.2700, m/z 690.4282
 H OS G28 P150811 220811-s1.05786.05786.3.dta

scan 5786; 1.5e+001



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

scan 5783; 690.4 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⁺
130.0504	1	S	17		
243.1345	2	L	16	1940.2274	970.6176
330.1665	3	S	15	1827.1433	914.0756
444.2094	4	N	14	1740.1113	870.5595
600.3357	5	K	13	1626.0683	813.5381
713.4198	6	L	12	1469.9420	735.4749
814.4675	7	T	11	1356.8580	678.9329
927.5516	8	L	10	1255.8103	628.4091
1042.5785	9	D	9	1142.7262	571.8670
1198.7048	10	K	8	1027.6993	514.3536
1311.7889	11	L	7	871.5730	436.2904
1426.8158	12	D	6	758.4889	379.7484
1525.8842	13	V	5	643.4620	322.2349
1682.0105	14	K	4	544.3936	272.7007
1739.0320	15	G	3	388.2673	194.6375
1895.1583	16	K	2	331.2458	166.1268
	17	R	1	175.1195	88.0637

N-term:+43.02 K(5):+156.13
 K(10):+156.13 K(14):+156.13
 K(16):+156.13

SMHTEAAEVLLER, MH+ 1527.7477, m/z 509.9208
 H OS G25 P150811 220811-s1.06633.06633.3.dta

scan 6633; 5.2e+000

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

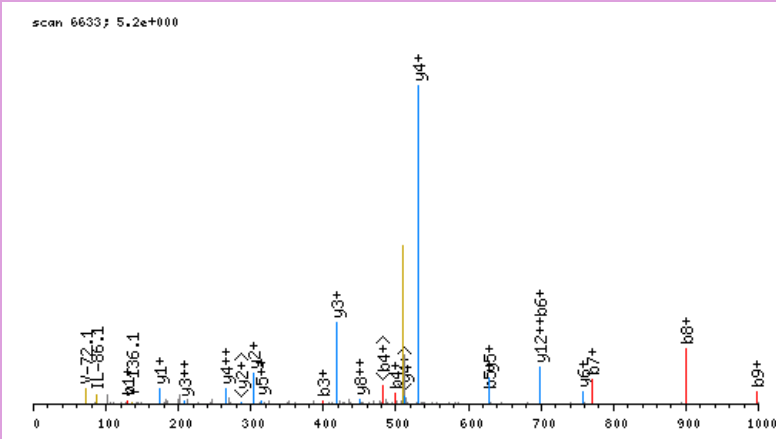
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

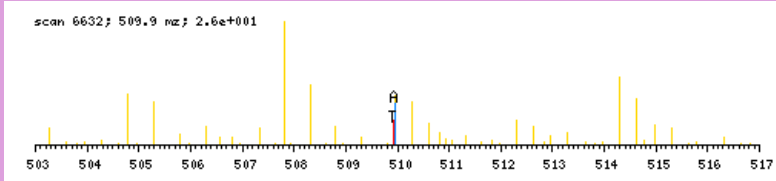
zoom 112-122

GO



click image to zoom in; click top corners to zoom out

[\[precursor±\]](#)



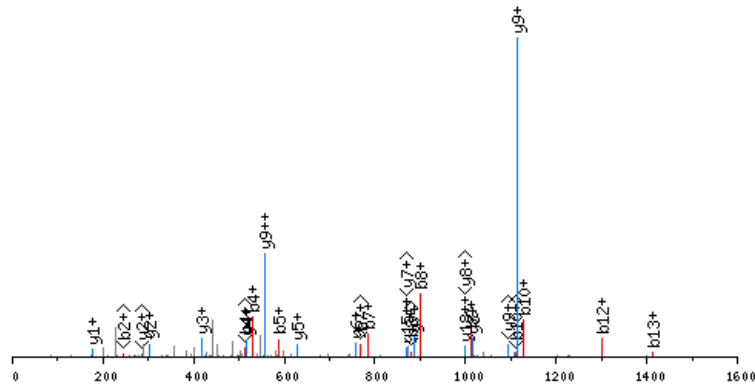
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 13		
261.0909	2	M 12	1398.7051	699.8565
398.1498	3	H 11	1267.6646	634.3362
499.1975	4	T 10	1130.6057	565.8068
628.2401	5	E 9	1029.5580	515.2829
699.2772	6	A 8	900.5155	450.7616
770.3143	7	A 7	829.4783	415.2431
899.3569	8	E 6	758.4412	379.7245
998.4253	9	V 5	629.3986	315.2032
1111.5094	10	L 4	530.3302	265.6690
1224.5935	11	L 3	417.2462	209.1270
1353.6361	12	E 2	304.1621	152.5850
	13	R 1	175.1195	88.0637

N-term:+43.02

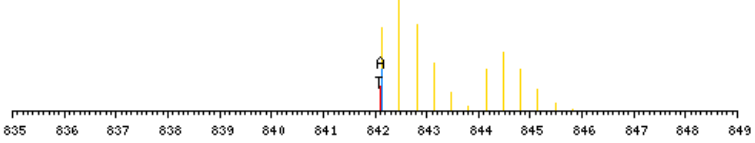
SMNKGPTLLDGLPEQENVLQR, MH+ 2524.2718, m/z 842.0954
 H OS G24 P150811 220811-s1.04613.04613.3.dta

scan 4613; 5.3e+000



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

scan 4612; 842.1 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⁺
130.0504	1	S	22		
261.0909	2	M	21	2395.2292	1198.1185
375.1338	3	N	20	2264.1887	1132.5983
531.2601	4	K	19	2150.1458	1075.5768
588.2816	5	G	18	1994.0195	997.5136
685.3344	6	P	17	1936.9980	969.0029
786.3820	7	T	16	1839.9452	920.4765
899.4661	8	L	15	1738.8976	869.9527
1012.5502	9	L	14	1625.8135	813.4107
1127.5771	10	D	13	1512.7294	756.8686
1184.5986	11	G	12	1397.7025	699.3552
1299.6255	12	D	11	1340.6810	670.8444
1412.7096	13	L	10	1225.6541	613.3310
1509.7624	14	P	9	1112.5700	556.7889
1638.8049	15	E	8	1015.5172	508.2625
1766.8635	16	Q	7	886.4747	443.7412
1895.9061	17	E	6	758.4161	379.7120
2009.9490	18	N	5	629.3735	315.1907
2109.0175	19	V	4	515.3306	258.1692
2222.1015	20	L	3	416.2621	208.6350
2350.1601	21	Q	2	303.1781	152.0930
	22	R	1	175.1195	88.0637

N-term:+43.02 K(4):+156.13

SNGYEDHMAEDCR, MH+ 1625.5960, m/z 542.5369
 H OS G25 P150811 220811-s1.02774.02774.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

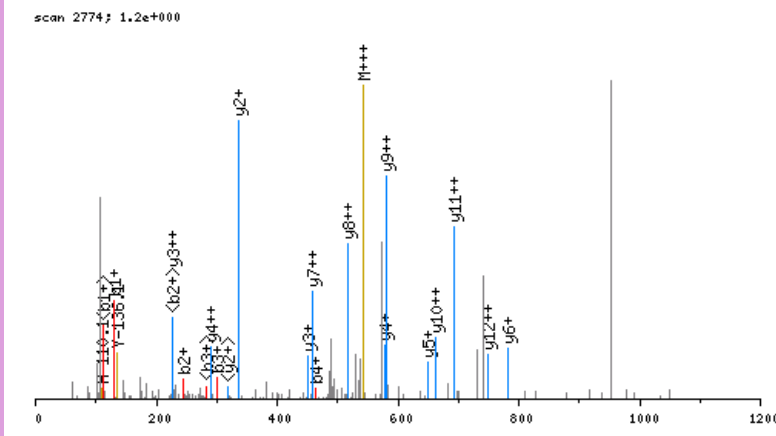
y + 2+ 3+

z + 2+ 3+

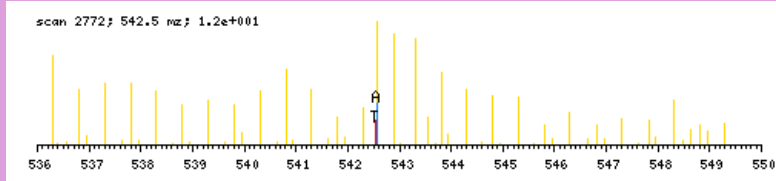
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 13		
244.0934	2	N 12	1496.5534	748.7806
301.1148	3	G 11	1382.5105	691.7592
464.1781	4	Y 10	1325.4890	663.2484
593.2207	5	E 9	1162.4257	581.7168
708.2477	6	D 8	1033.3831	517.1955
845.3066	7	H 7	918.3561	459.6820
976.3471	8	M 6	781.2972	391.1525
1047.3842	9	A 5	650.2568	325.6323
1176.4268	10	E 4	579.2196	290.1137
1291.4537	11	D 3	450.1770	225.5924
1451.4843	12	C 2	335.1501	168.0790
	13	R 1	175.1195	88.0637

N-term:+43.02 C(12):+160.03

SNNGVDIQDKPPAPPMR, MH+ 1905.9493, m/z 635.9880
 H OS G24 P150811 220811-s1.03281.03281.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

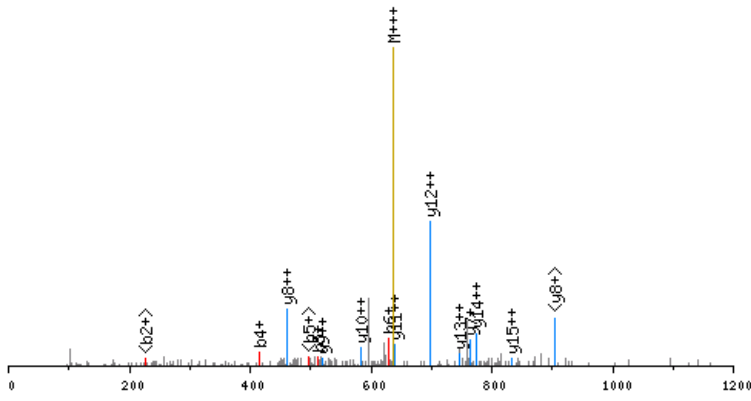
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

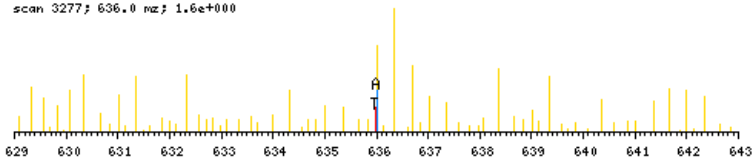
GO

scan 3281; 1.4e+000



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

scan 3277; 636.0 m/z; 1.6e+000



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

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 17		
244.0934	2	N 16	1776.9067	888.9573
358.1363	3	N 15	1662.8638	831.9358
415.1577	4	G 14	1548.8209	774.9143
514.2262	5	V 13	1491.7994	746.4036
629.2531	6	D 12	1392.7310	696.8694
742.3372	7	I 11	1277.7040	639.3559
870.3957	8	Q 10	1164.6200	582.8139
985.4227	9	D 9	1036.5614	518.7846
1141.5490	10	K 8	921.5345	461.2711
1238.6018	11	P 7	765.4082	383.2080
1335.6545	12	P 6	668.3554	334.6816
1406.6916	13	A 5	571.3026	286.1552
1503.7444	14	P 4	500.2655	250.6367
1600.7972	15	P 3	403.2127	202.1103
1731.8376	16	M 2	306.1600	153.5839
	17	R 1	175.1195	88.0637

N-term:+43.02 K(10):+156.13

SPEIALLNR, MH+ 941.5056, m/z 471.2565
 H OS G29 P150811 220811-s1.04583.04583.2.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+

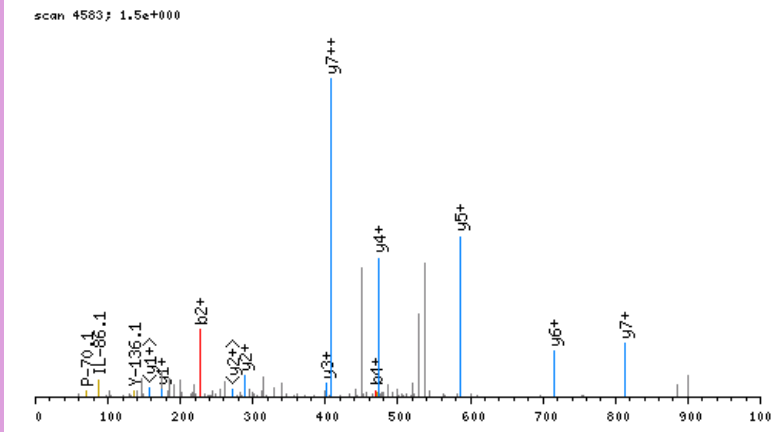
y + 2+ 3+

z + 2+ 3+

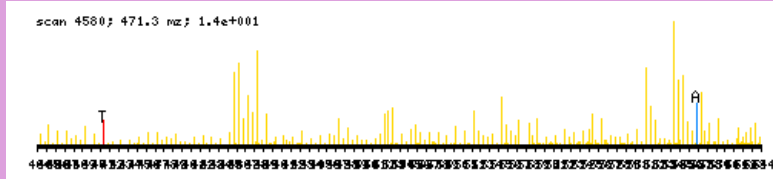
hide H₂O/NH₃

zoom 112-122

GO



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



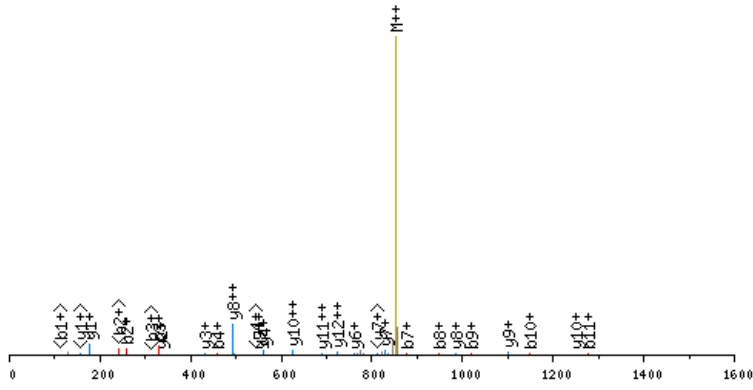
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S	8	
227.1032	2	P	7	812.4630 406.7354
356.1458	3	E	6	715.4103 358.2090
469.2298	4	I	5	586.3677 293.6877
540.2670	5	A	4	473.2836 237.1457
653.3510	6	L	3	402.2465 201.6272
767.3940	7	N	2	289.1624 145.0851
	8	R	1	175.1195 88.0637

N-term:+43.02

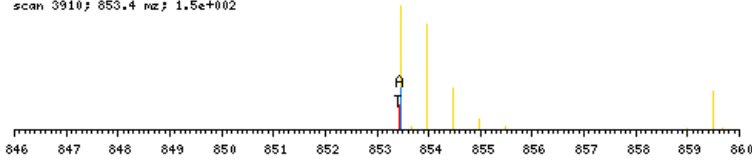
SQAEFDKAAEEVKR, MH+ 1705.8762, m/z 853.4417
 H OS G26 P150811 220811-s1.03911.03911.2.dta

scan 3911; 3.4e+001



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

scan 3910; 853.4 nz; 1.5e+002



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

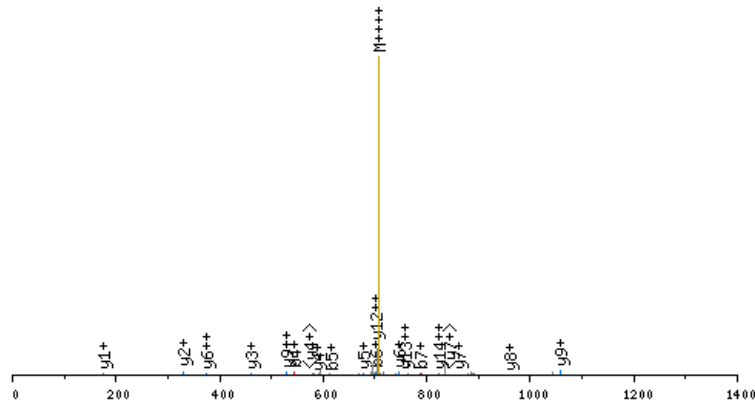
GO

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S	14	
258.1090	2	Q	13	1576.8336 788.9207
329.1461	3	A	12	1448.7750 724.8914
458.1887	4	E	11	1377.7379 689.3729
605.2571	5	F	10	1248.6953 624.8516
720.2841	6	D	9	1101.6269 551.3173
876.4104	7	K	8	986.5999 493.8039
947.4475	8	A	7	830.4736 415.7407
1018.4846	9	A	6	759.4365 380.2222
1147.5272	10	E	5	688.3994 344.7036
1276.5698	11	E	4	559.3568 280.1823
1375.6382	12	V	3	430.3142 215.6610
1531.7645	13	K	2	331.2458 166.1268
	14	R	1	175.1195 88.0637

N-term:+43.02 K(7):+156.13
 K(13):+156.13

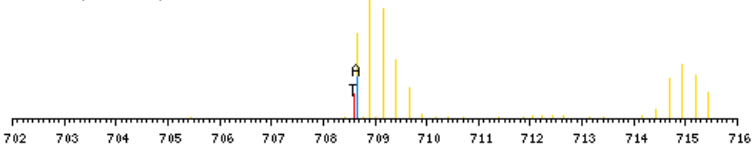
SQEKASSPSGKMDGEKPKVDASEEKR, MH+ 2831.4098, m/z 708.6079
 H OS G28 P150811 220811-s1.02325.02325.4.dta

scan 2325; 2.7e+001



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

scan 2323; 708.6 m/z; 1.3e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	25		
258.1090	2	Q	24	2702.3672	1351.6875
387.1516	3	E	23	2574.3087	1287.6582
543.2779	4	K	22	2445.2661	1223.1369
614.3150	5	A	21	2289.1398	1145.0738
701.3470	6	S	20	2218.1026	1109.5552
788.3791	7	S	19	2131.0706	1066.0392
885.4318	8	P	18	2044.0386	1022.5232
972.4639	9	S	17	1946.9858	973.9968
1029.4853	10	G	16	1859.9538	930.4808
1185.6116	11	K	15	1802.9323	901.9701
1316.6521	12	M	14	1646.8060	823.9069
1431.6791	13	D	13	1515.7656	758.3867
1488.7005	14	G	12	1400.7386	700.8732
1617.7431	15	E	11	1343.7171	672.3625
1773.8694	16	K	10	1214.6746	607.8412
1870.9222	17	P	9	1058.5483	529.7780
1969.9906	18	V	8	961.4955	481.2517
2085.0175	19	D	7	862.4271	431.7174
2156.0546	20	A	6	747.4001	374.2040
2243.0867	21	S	5	676.3630	338.6854
2372.1293	22	E	4	589.3310	295.1694
2501.1719	23	E	3	460.2884	230.6481
2657.2982	24	K	2	331.2458	166.1268
	25	R	1	175.1195	88.0637

N-term:+43.02 K(4):+156.13
 K(11):+156.13 K(16):+156.13
 K(24):+156.13

SQERPTFYR, MH+ 1225.5966, m/z 613.3019
 H OS G25 P150811 220811-s1.03325.03325.2.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+

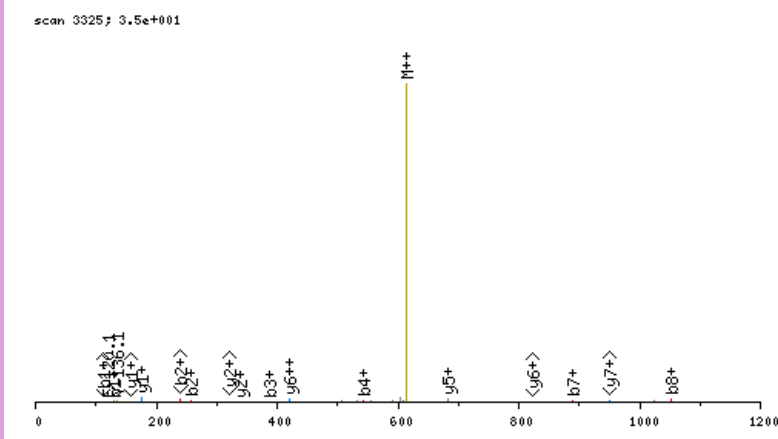
y + 2+ 3+

z + 2+ 3+

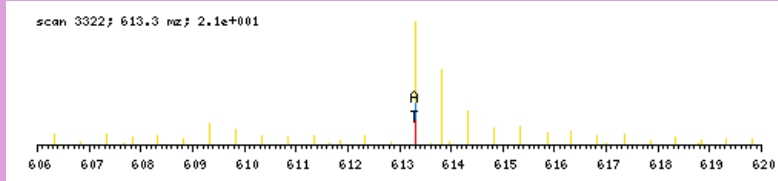
hide H₂O/NH₃

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⁺
130.0504	1	S	9		
258.1090	2	Q	8	1096.5540	548.7809
387.1516	3	E	7	968.4954	484.7516
543.2527	4	R	6	839.4528	420.2303
640.3055	5	P	5	683.3517	342.1798
741.3532	6	T	4	586.2989	293.6534
888.4216	7	F	3	485.2512	243.1295
1051.4849	8	Y	2	338.1828	169.5953
	9	R	1	175.1195	88.0637

N-term: +43.02

SQGDSNPAAIPHAAEDIQGDDR, MH+ 2306.0285, m/z 769.3477
 H OS G24 P150811 220811-s1.03368.03368.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

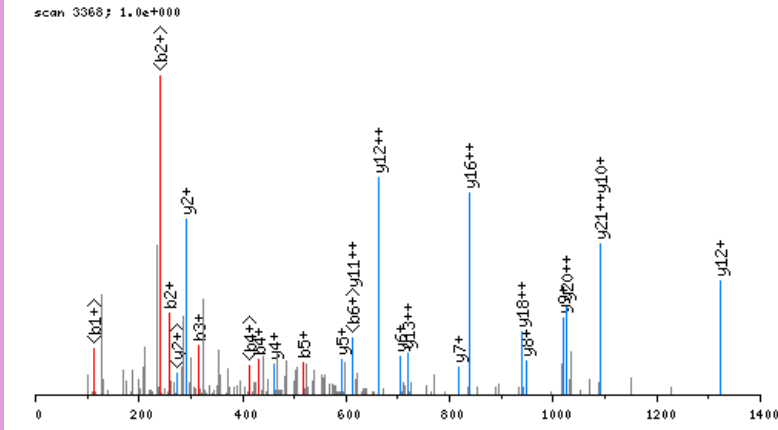
y + 2+ 3+

z + 2+ 3+

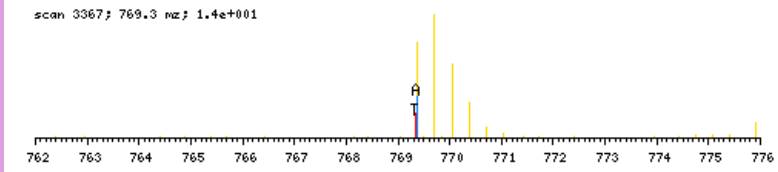
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 22		
258.1090	2	Q 21	2176.9859	1088.9969
315.1305	3	G 20	2048.9273	1024.9676
430.1574	4	D 19	1991.9059	996.4569
517.1894	5	S 18	1876.8789	938.9434
631.2324	6	N 17	1789.8469	895.4274
728.2851	7	P 16	1675.8040	838.4059
799.3222	8	A 15	1578.7512	789.8795
870.3594	9	A 14	1507.7141	754.3610
983.4434	10	I 13	1436.6770	718.8424
1080.4962	11	P 12	1323.5929	662.3004
1217.5551	12	H 11	1226.5402	613.7740
1288.5922	13	A 10	1089.4813	545.2445
1359.6293	14	A 9	1018.4441	509.7260
1488.6719	15	E 8	947.4070	474.2074
1603.6989	16	D 7	818.3644	409.6861
1716.7829	17	I 6	703.3375	352.1727
1844.8415	18	Q 5	590.2534	295.6306
1901.8639	19	G 4	462.1949	231.6013
2016.8899	20	D 3	405.1734	203.0906
2131.9169	21	D 2	290.1464	145.5771
	22	R 1	175.1195	88.0637

N-term:+43.02

SQKTEGHR, MH+ 1018.5494, m/z 509.7784
 H OS G25 P150811 220811-s1.02594.02594.2.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+

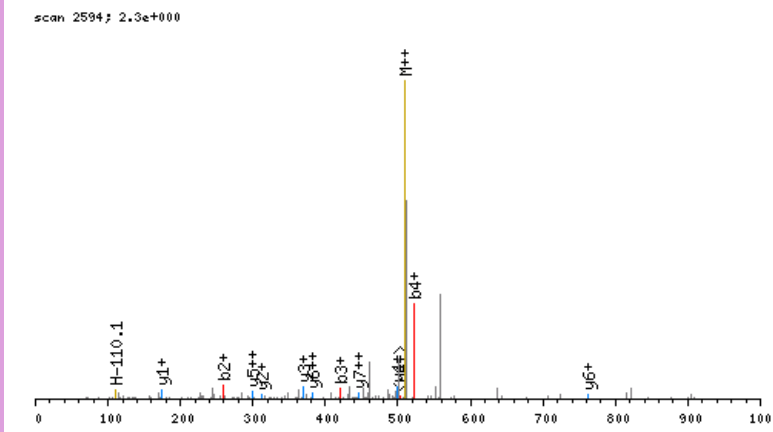
y + 2+ 3+

z + 2+ 3+

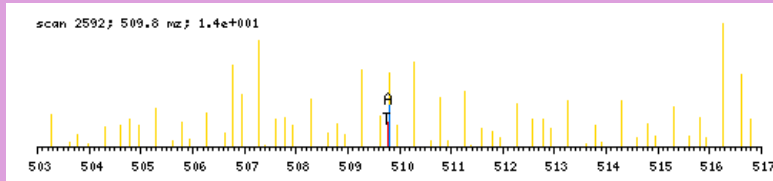
hide H₂O/NH₃

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⁺
130.0504	1	S	8	
258.1090	2	Q	7	889.5068
420.2671	3	K	6	761.4482
521.3148	4	T	5	599.2901
650.3574	5	E	4	498.2425
707.3788	6	G	3	369.1999
844.4378	7	H	2	312.1784
	8	R	1	175.1195

N-term:+43.02 K(3):+162.16

SSAPTPPSVDKVDGFSR, MH+ 1917.9558, m/z 639.9901
 H OS G24 P150811 220811-s1.03494.03494.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

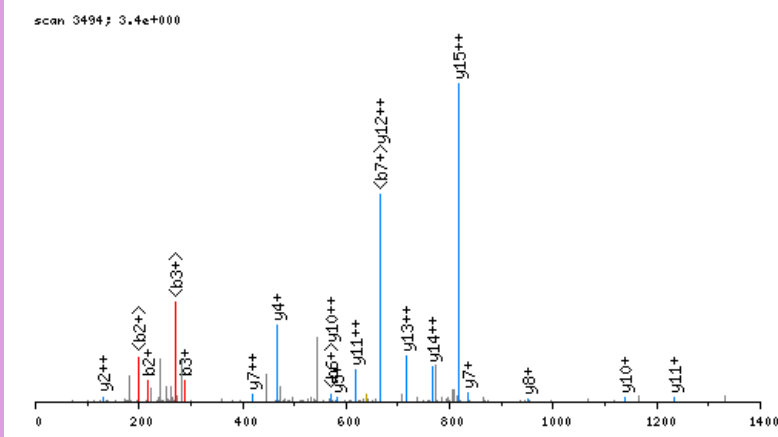
y + 2+ 3+

z + 2+ 3+

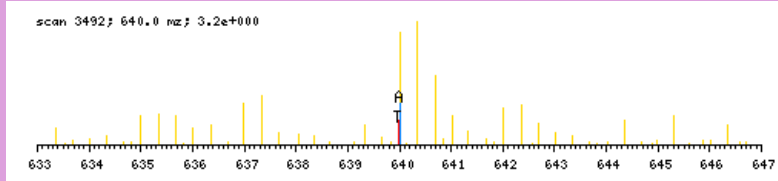
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 18		
217.0825	2	S 17	1788.9132	894.9605
288.1196	3	A 16	1701.8812	851.4445
385.1723	4	P 15	1630.8441	815.9260
486.2200	5	T 14	1533.7913	767.3996
587.2677	6	T 13	1432.7437	716.8757
684.3205	7	P 12	1331.6960	666.3519
781.3732	8	P 11	1234.6432	617.8255
868.4052	9	S 10	1137.5904	569.2991
967.4737	10	V 9	1050.5584	525.7831
1082.5006	11	D 8	951.4900	476.2489
1238.6269	12	K 7	836.4631	418.7354
1337.6953	13	V 6	680.3368	340.6723
1452.7223	14	D 5	581.2683	291.1381
1509.7437	15	G 4	466.2414	233.6246
1656.8121	16	F 3	409.2199	205.1139
1743.8442	17	S 2	262.1515	131.5797
	18	R 1	175.1195	88.0637

N-term:+43.02 K(12):+156.13

SSDAEMAVFGEAAPYLK, MH+ 1855.8536, m/z 928.4305
 H OS G29 P150811 220811-s1.06373.06373.2.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+

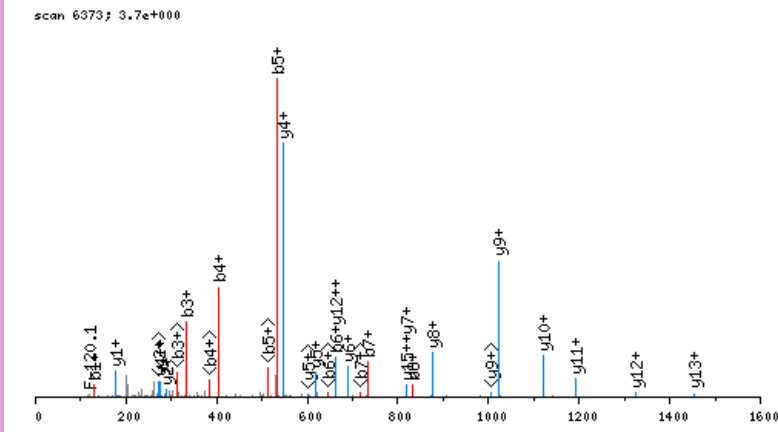
y + 2+ 3+

z + 2+ 3+

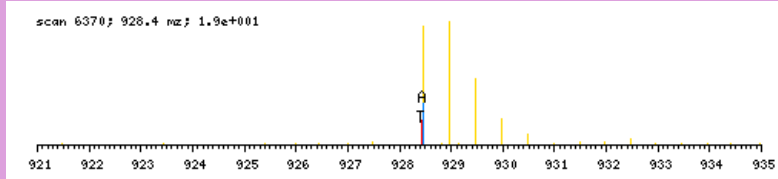
hide H₂O/NH₃

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⁺
130.0504	1	S 17		
217.0825	2	S 16	1726.8110	863.9094
332.1094	3	D 15	1639.7790	820.3934
403.1465	4	A 14	1524.7521	762.8800
532.1891	5	E 13	1453.7150	727.3614
663.2296	6	M 12	1324.6724	662.8401
734.2667	7	A 11	1193.6319	597.3199
833.3351	8	V 10	1122.5948	561.8013
980.4035	9	F 9	1023.5264	512.2671
1037.4250	10	G 8	876.4579	438.7329
1166.4676	11	E 7	819.4365	410.2222
1237.5047	12	A 6	690.3939	345.7009
1308.5418	13	A 5	619.3568	310.1823
1405.5946	14	P 4	548.3197	274.6637
1568.6579	15	Y 3	451.2669	226.1374
1681.7420	16	L 2	288.2036	144.6057
	17	R 1	175.1195	88.0637

N-term:+43.02

SSDAQWLTAEER, MH+ 1434.6501, m/z 717.8287
 H OS G29 P150811 220811-s1.04578.04578.2.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+

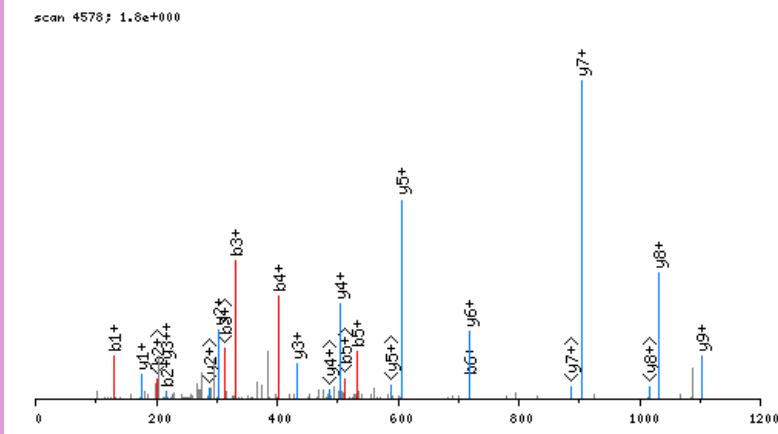
y + 2+ 3+

z + 2+ 3+

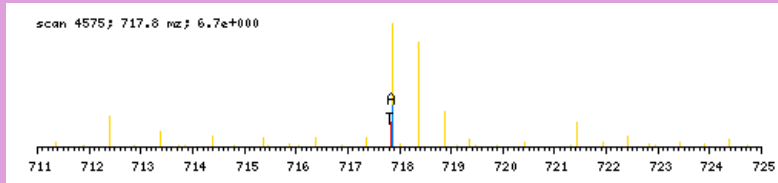
hide H₂O/NH₃

zoom 112-122

GO



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



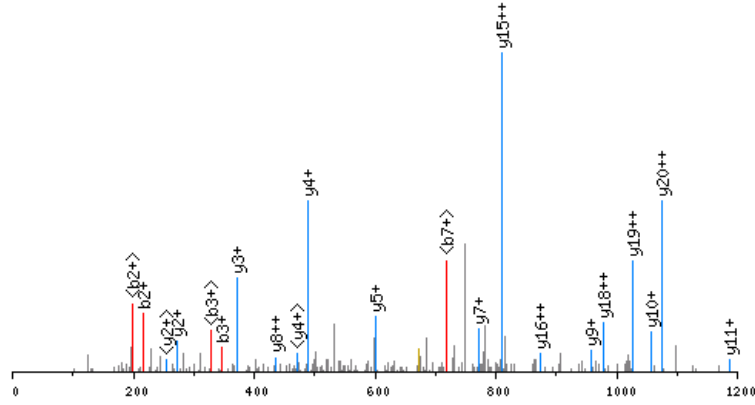
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 12		
217.0825	2	S 11	1305.6075	653.3077
332.1094	3	D 10	1218.5755	609.7917
403.1465	4	A 9	1103.5485	552.2782
531.2051	5	Q 8	1032.5114	516.7596
717.2844	6	W 7	904.4529	452.7303
830.3685	7	L 6	718.3735	359.6907
931.4161	8	T 5	605.2895	303.1487
1002.4533	9	A 4	504.2418	252.6248
1131.4959	10	E 3	433.2047	217.1063
1260.5384	11	E 2	304.1621	152.5850
	12	R 1	175.1195	88.0637

N-term:+43.02

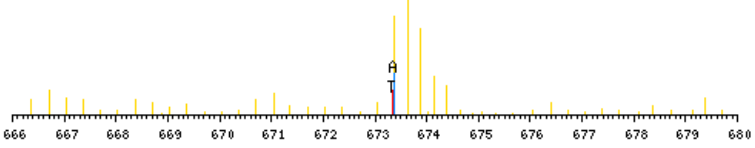
SSEPPPPPLQPPPTHQTSVGLLDTPR, MH+ 2690.3790, m/z 673.3502
 H OS G24 P150811 220811-s1.04270.04270.4.dta

scan 4270; 1.4e+000



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

scan 4267; 673.4 mz; 4.6e+000



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

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 25		
217.0825	2	S 24	2561.3364	1281.1721
346.1251	3	E 23	2474.3043	1237.6561
443.1778	4	P 22	2345.2618	1173.1348
540.2306	5	P 21	2248.2090	1124.6084
637.2833	6	P 20	2151.1562	1076.0820
734.3361	7	P 19	2054.1035	1027.5556
831.3889	8	P 18	1957.0507	979.0293
944.4729	9	L 17	1859.9979	930.5029
1072.5315	10	Q 16	1746.9139	873.9608
1169.5843	11	P 15	1618.8553	809.9316
1266.6370	12	P 14	1521.8025	761.4052
1367.6847	13	T 13	1424.7498	712.8788
1504.7436	14	H 12	1323.7021	662.3550
1632.8022	15	Q 11	1186.6432	593.8255
1733.8499	16	T 10	1058.5846	529.7962
1820.8819	17	S 9	957.5369	479.2724
1919.9503	18	V 8	870.5049	435.7564
1976.9718	19	G 7	771.4365	386.2222
2090.0559	20	L 6	714.4150	357.7114
2203.1399	21	L 5	601.3310	301.1694
2318.1669	22	D 4	488.2469	244.6274
2419.2145	23	T 3	373.2199	187.1139
2516.2673	24	P 2	272.1723	136.5900
	25	R 1	175.1195	88.0637

N-term:+43.02

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

SSGALLPKPQMR, MH+ 1354.7517, m/z 677.8795
 H OS G25 P150811 220811-s1.05013.05013.2.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+

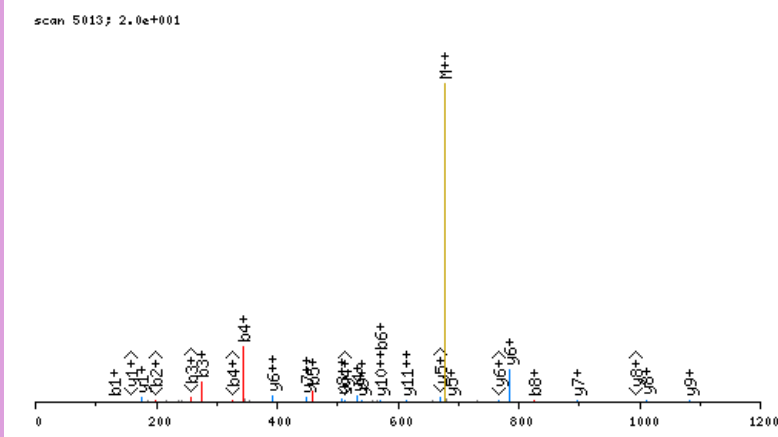
y + 2+ 3+

z + 2+ 3+

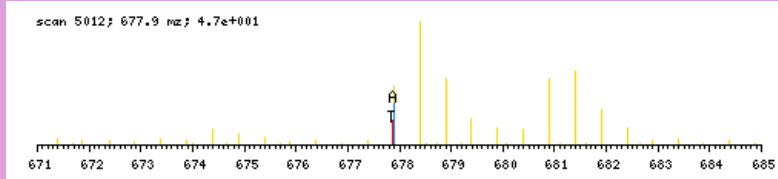
hide H₂O/NH₃

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⁺
130.0504	1	S 12		
217.0825	2	S 11	1225.7091	613.3585
274.1039	3	G 10	1138.6771	569.8425
345.1410	4	A 9	1081.6556	541.3317
458.2251	5	L 8	1010.6185	505.8132
571.3092	6	L 7	897.5345	449.2711
668.3619	7	P 6	784.4504	392.7291
824.4882	8	K 5	687.3976	344.2027
921.5410	9	P 4	531.2713	266.1396
1049.5996	10	Q 3	434.2186	217.6132
1180.6401	11	M 2	306.1600	153.5839
	12	R 1	175.1195	88.0637

N-term:+43.02 K(8):+156.13

SSIGTGYDLSASTFSPDGR, MH+ 1959.8936, m/z 653.9694
 H OS G29 P150811 220811-s1.05536.05536.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

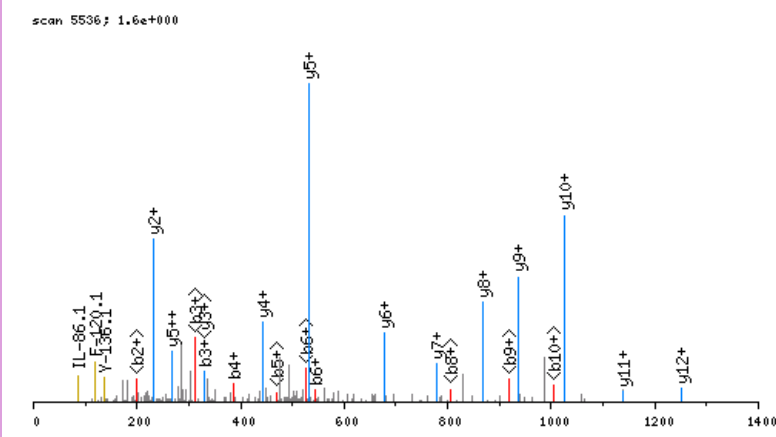
y + 2+ 3+

z + 2+ 3+

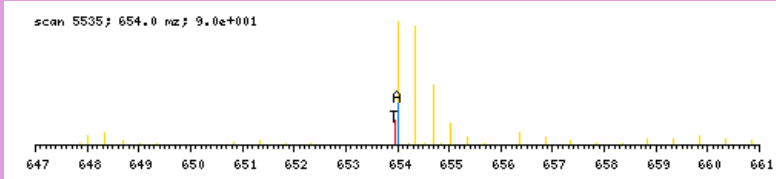
hide H₂O/NH₃

zoom 112-122

GO



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



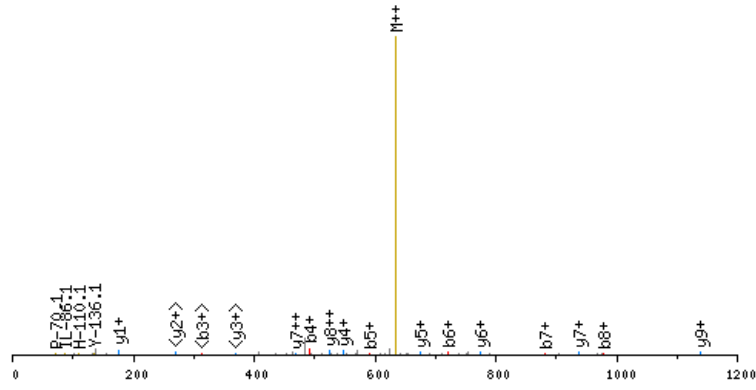
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 19		
217.0825	2	S 18	1830.8510	915.9294
330.1665	3	I 17	1743.8190	872.4134
387.1880	4	G 16	1630.7349	815.8714
488.2357	5	T 15	1573.7134	787.3606
545.2571	6	G 14	1472.6658	736.8368
708.3205	7	Y 13	1415.6443	708.3261
823.3474	8	D 12	1252.5810	626.7944
936.4315	9	L 11	1137.5540	569.2809
1023.4635	10	S 10	1024.4700	512.7389
1094.5006	11	A 9	937.4379	469.2229
1181.5326	12	S 8	866.4008	433.7043
1282.5803	13	T 7	779.3688	390.1883
1429.6487	14	F 6	678.3211	339.6645
1516.6808	15	S 5	531.2527	266.1303
1613.7335	16	P 4	444.2207	222.6142
1728.7605	17	D 3	347.1679	174.0879
1785.7819	18	G 2	232.1410	116.5744
	19	R 1	175.1195	88.0637

N-term:+43.02

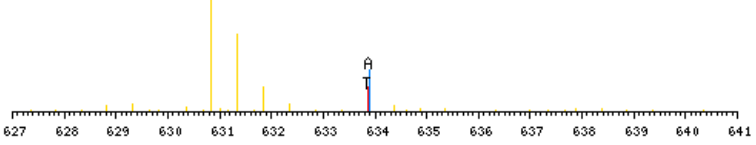
SSIKVECVLR, MH+ 1266.7304, m/z 633.8688
 H OS G25 P150811 220811-s1.05530.05530.2.dta

scan 5530; 1.1e+001



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

scan 5527; 633.9 mz; 1.5e+002



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

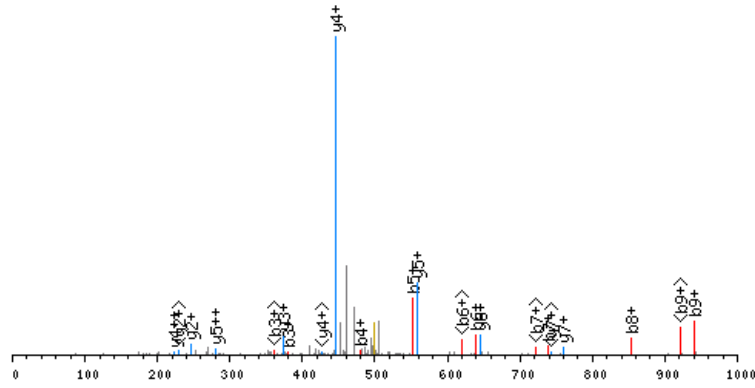
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	10		
217.0825	2	S	9	1137.6878	569.3478
330.1665	3	I	8	1050.6557	525.8318
492.3246	4	K	7	937.5717	469.2898
591.3930	5	V	6	775.4136	388.2107
720.4356	6	E	5	676.3452	338.6765
880.4662	7	C	4	547.3026	274.1552
979.5346	8	V	3	387.2720	194.1399
1092.6187	9	L	2	288.2036	144.6057
	10	R	1	175.1195	88.0637

N-term:+43.02 K(4):+162.16
 C(7):+160.03

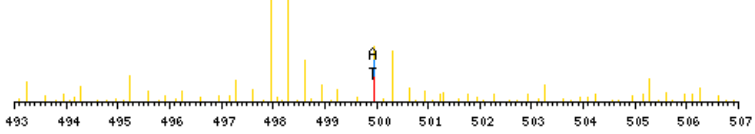
SSKTASTNSIAQAR, MH+ 1497.8086, m/z 499.9410
 H OS G25 P150811 220811-s1.02193.02193.3.dta

scan 2193; 3.8e+000



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

scan 2192; 499.9 m/z; 9.3e+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⁺
130.0504	1	S 14		
217.0825	2	S 13	1368.7660	684.8869
379.2406	3	K 12	1281.7339	641.3709
480.2882	4	T 11	1119.5758	560.2918
551.3253	5	A 10	1018.5281	509.7680
638.3574	6	S 9	947.4910	474.2494
739.4051	7	T 8	860.4590	430.7334
853.4480	8	N 7	759.4113	380.2096
940.4800	9	S 6	645.3684	323.1881
1053.5641	10	I 5	558.3364	279.6721
1124.6012	11	A 4	445.2523	223.1301
1252.6598	12	Q 3	374.2152	187.6115
1323.6969	13	A 2	246.1566	123.5822
	14	R 1	175.1195	88.0637

N-term:+43.02 K(3):+162.16

SSLEISNSCFSPETR, MH+ 1755.7859, m/z 878.3966
 H OS G29 P150811 220811-s1.04839.04839.2.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+

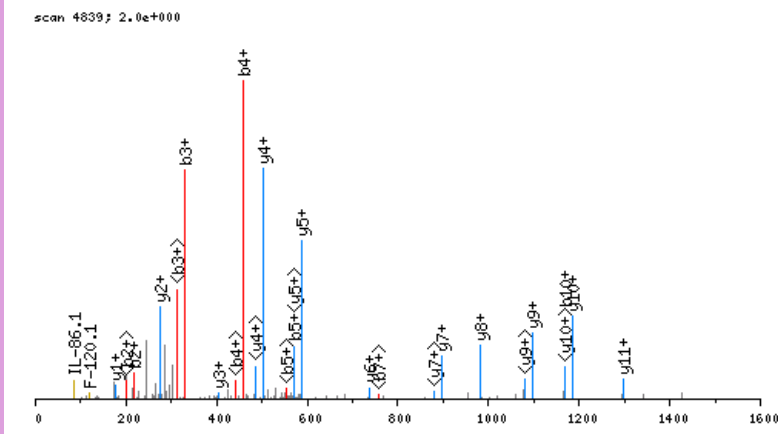
y + 2+ 3+

z + 2+ 3+

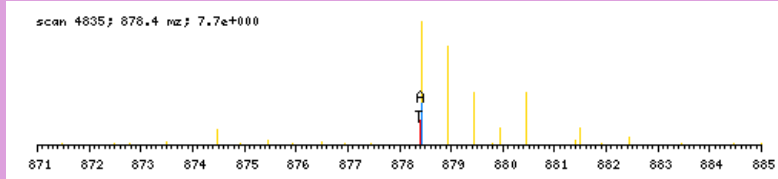
hide H₂O/NH₃

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⁺
130.0504	1	S 15		
217.0825	2	S 14	1626.7433	813.8756
330.1665	3	L 13	1539.7113	770.3596
459.2091	4	E 12	1426.6272	713.8175
572.2932	5	I 11	1297.5846	649.2962
659.3252	6	S 10	1184.5006	592.7542
773.3681	7	N 9	1097.4685	549.2382
860.4002	8	S 8	983.4256	492.2167
1020.4308	9	C 7	896.3936	448.7007
1167.4992	10	F 6	736.3630	368.6854
1254.5312	11	S 5	589.2946	295.1512
1351.5840	12	P 4	502.2625	251.6352
1480.6266	13	E 3	405.2098	203.1088
1581.6742	14	T 2	276.1672	138.5875
	15	R 1	175.1195	88.0637

N-term:+43.02 C(9):+160.03

SSSAASPLFAPGEDCGPAWR, MH+ 2104.9398, m/z 702.3181
 H OS G29 P150811 220811-s1.05837.05837.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

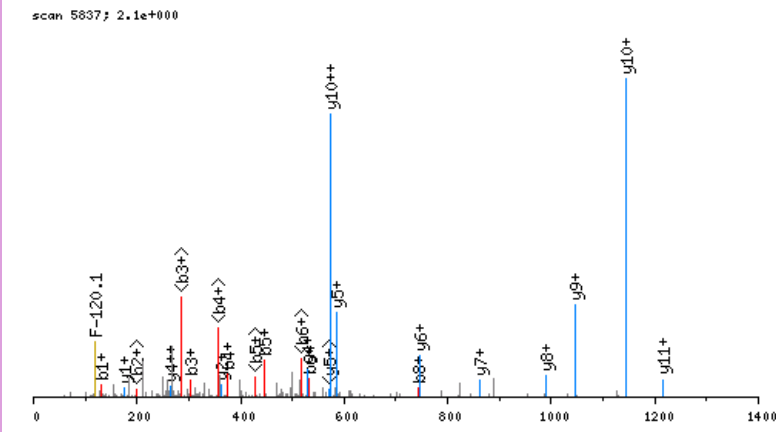
y + 2+ 3+

z + 2+ 3+

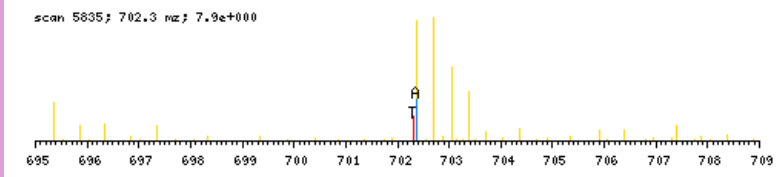
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 20		
217.0825	2	S 19	1975.8972	988.4525
304.1145	3	S 18	1888.8652	944.9365
375.1516	4	A 17	1801.8331	901.4205
446.1887	5	A 16	1730.7960	865.9019
533.2207	6	S 15	1659.7589	830.3834
630.2735	7	P 14	1572.7269	786.8673
743.3576	8	L 13	1475.6741	738.3410
890.4260	9	F 12	1362.5900	681.7989
961.4631	10	A 11	1215.5216	608.2647
1058.5159	11	P 10	1144.4845	572.7462
1115.5373	12	G 9	1047.4318	524.2198
1244.5799	13	E 8	990.4103	495.7091
1359.6069	14	D 7	861.3677	431.1878
1519.6375	15	C 6	746.3408	373.6743
1576.6589	16	G 5	586.3102	293.6590
1673.7117	17	P 4	529.2887	265.1483
1744.7488	18	A 3	432.2359	216.6219
1930.8281	19	W 2	361.1988	181.1033
	20	R 1	175.1195	88.0637

N-term:+43.02 C(15);+160.03

SSSASAANGNDSKKFKGDNR, MH+ 2167.0745, m/z 542.5241
 H OS G28 P150811 220811-s1.01824.01824.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

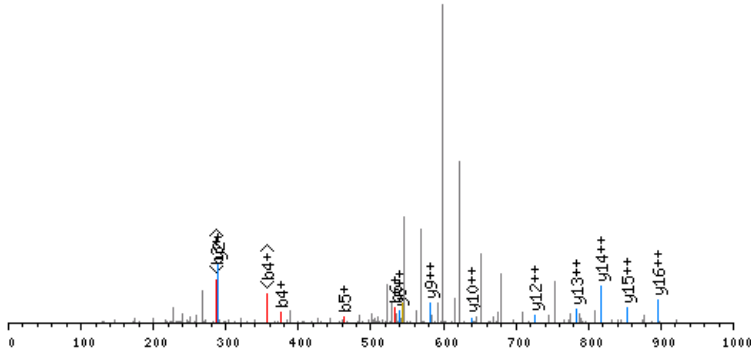
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

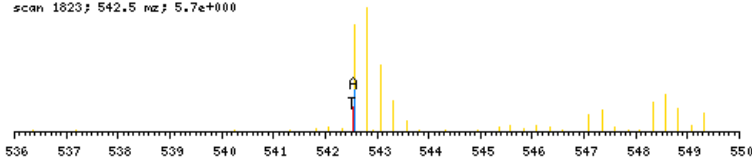
GO

scan 1824; 2.8e+000



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

scan 1823; 542.5 mz; 5.7e+000



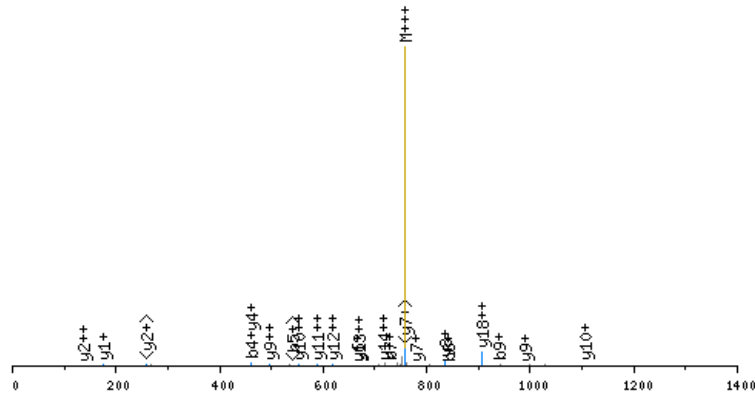
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	20		
217.0825	2	S	19	2038.0319	1019.5198
304.1145	3	S	18	1950.9998	976.0038
375.1516	4	A	17	1863.9678	932.4878
462.1836	5	S	16	1792.9307	896.9693
533.2207	6	A	15	1705.8987	853.4532
604.2579	7	A	14	1634.8616	817.9347
718.3008	8	N	13	1563.8244	782.4161
775.3222	9	G	12	1449.7815	725.3947
889.3652	10	N	11	1392.7600	696.8839
1004.3921	11	D	10	1278.7171	639.8625
1091.4241	12	S	9	1163.6902	582.3490
1247.5504	13	K	8	1076.6581	538.8330
1403.6767	14	K	7	920.5318	460.7698
1550.7452	15	F	6	764.4055	382.7067
1706.8715	16	K	5	617.3371	309.1725
1763.8929	17	G	4	461.2108	231.1093
1878.9199	18	D	3	404.1894	202.5986
1992.9628	19	N	2	289.1624	145.0851
	20	R	1	175.1195	88.0637

N-term:+43.02 K(13):+156.13
 K(14):+156.13 K(16):+156.13

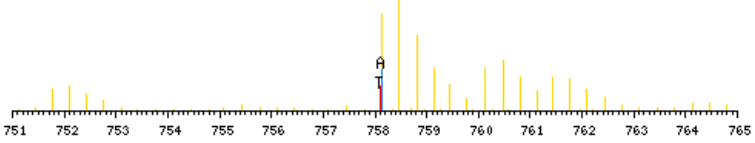
SSSRPVALVTGANKGIGFAITR, MH+ 2272.2778, m/z 758.0974
 H OS G26 P150811 220811-s1.05761.05761.3.dta

scan 5761; 4.8e+001



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

scan 5760; 758.1 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⁺
130.0504	1	S	22		
217.0825	2	S	21	2143.2352	1072.1215
304.1145	3	S	20	2056.2032	1028.6055
460.2156	4	R	19	1969.1711	985.0895
557.2684	5	P	18	1813.0700	907.0389
656.3368	6	V	17	1716.0173	858.5125
727.3739	7	A	16	1616.9488	808.9783
840.4580	8	L	15	1545.9117	773.4598
939.5264	9	V	14	1432.8277	716.9177
1040.5740	10	T	13	1333.7592	667.3835
1097.5955	11	G	12	1232.7116	616.8597
1168.6326	12	A	11	1175.6901	588.3490
1282.6755	13	N	10	1104.6530	552.8304
1438.8018	14	K	9	990.6101	495.8089
1495.8233	15	G	8	834.4838	417.7458
1608.9074	16	I	7	777.4623	389.2351
1665.9288	17	G	6	664.3782	332.6930
1812.9973	18	F	5	607.3568	304.1823
1884.0344	19	A	4	460.2884	230.6481
1997.1184	20	I	3	389.2512	195.1295
2098.1661	21	T	2	276.1672	138.5875
	22	R	1	175.1195	88.0637

N-term:+43.02 K(14):+156.13

SSTQFNKGPSYGLSAEVKNR, MH+ 2268.1625, m/z 756.7257
 H OS G26 P150811 220811-s1.03706.03706.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

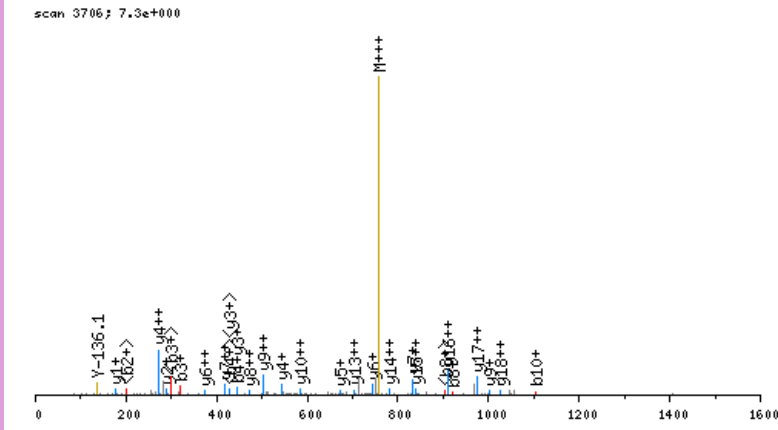
y + 2+ 3+

z + 2+ 3+

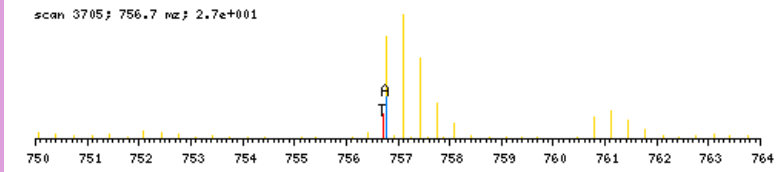
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	20		
217.0825	2	S	19	2139.1199	1070.0639
318.1301	3	T	18	2052.0879	1026.5479
446.1887	4	Q	17	1951.0402	976.0240
593.2571	5	F	16	1822.9816	911.9947
707.3001	6	N	15	1675.9132	838.4605
863.4264	7	K	14	1561.8703	781.4391
920.4478	8	G	13	1405.7440	703.3759
1017.5006	9	P	12	1348.7225	674.8652
1104.5326	10	S	11	1251.6698	626.3388
1267.5959	11	Y	10	1164.6377	582.8228
1324.6174	12	G	9	1001.5744	501.2911
1437.7015	13	L	8	944.5529	472.7804
1524.7335	14	S	7	831.4689	416.2384
1595.7706	15	A	6	744.4368	372.7223
1724.8132	16	E	5	673.3997	337.2038
1823.8816	17	V	4	544.3571	272.6825
1980.0079	18	K	3	445.2887	223.1483
2094.0508	19	N	2	289.1624	145.0851
	20	R	1	175.1195	88.0637

N-term: +43.02 K(7): +156.13
 K(18): +156.13

SSVAVLTPQESFAEHR, MH+ 1702.8400, m/z 568.2849
 H OS G25 P150811 220811-s1.06918.06918.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

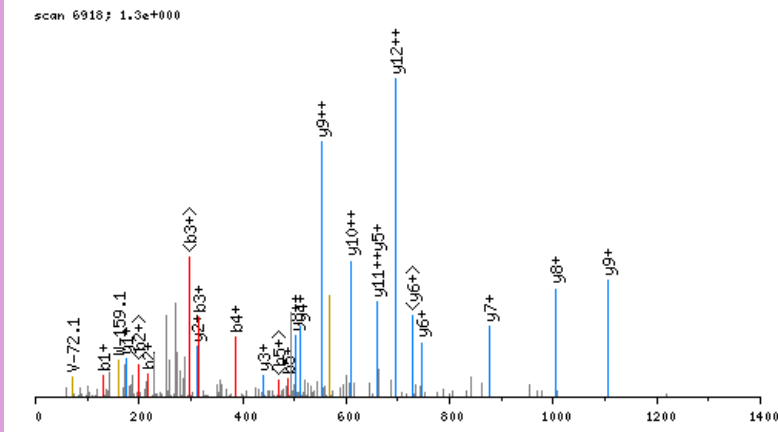
y + 2+ 3+

z + 2+ 3+

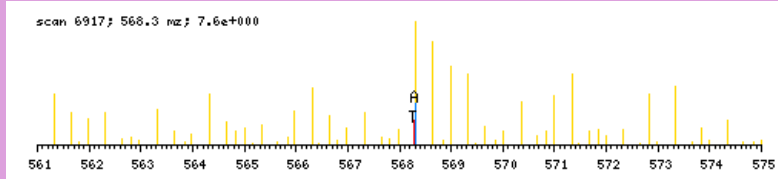
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 15		
217.0825	2	S 14	1573.7974	787.4026
316.1509	3	V 13	1486.7654	743.8866
387.1880	4	A 12	1387.6970	694.3524
486.2564	5	V 11	1316.6599	658.8339
599.3405	6	L 10	1217.5915	609.2997
700.3881	7	T 9	1104.5074	552.7576
828.4467	8	Q 8	1003.4597	502.2338
957.4893	9	E 7	875.4012	438.2045
1044.5213	10	S 6	746.3586	373.6832
1191.5898	11	F 5	659.3265	330.1672
1262.6269	12	A 4	512.2581	256.6330
1391.6695	13	E 3	441.2210	221.1144
1528.7284	14	H 2	312.1784	156.5931
	15	R 1	175.1195	88.0637

N-term:+43.02

STGTFVVSQPLNYR, MH+ 1610.8179, m/z 805.9126
 H OS G29 P150811 220811-s1.04943.04943.2.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+

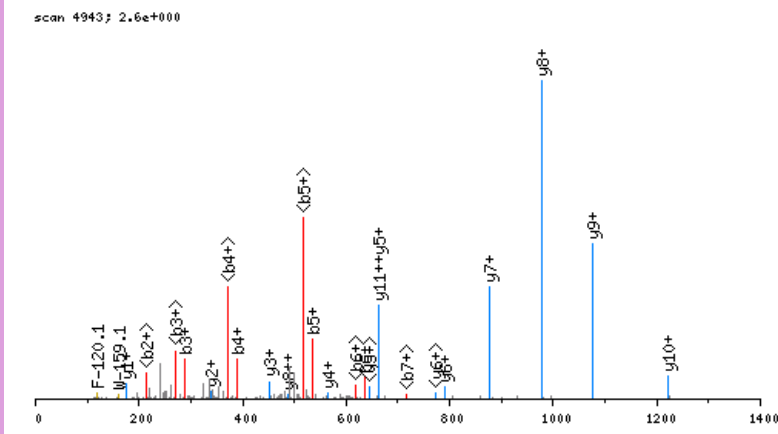
y + 2+ 3+

z + 2+ 3+

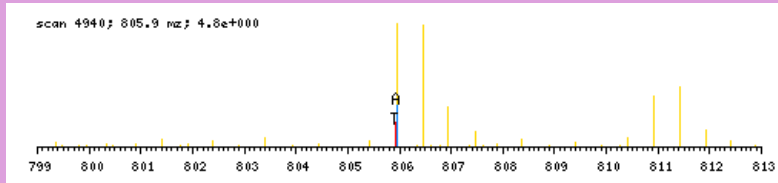
hide H₂O/NH₃

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⁺
130.0504	1	S 14		
231.0981	2	T 13	1481.7753	741.3915
288.1196	3	G 12	1380.7276	690.8677
389.1672	4	T 11	1323.7061	662.3570
536.2357	5	F 10	1222.6584	611.8331
635.3041	6	V 9	1075.5900	538.2989
734.3725	7	V 8	976.5216	488.7647
821.4045	8	S 7	877.4532	439.2305
949.4631	9	Q 6	790.4212	395.7145
1046.5159	10	P 5	662.3626	331.6852
1159.5999	11	L 4	565.3098	283.1588
1273.6429	12	N 3	452.2258	226.6168
1436.7062	13	Y 2	338.1828	169.5953
	14	R 1	175.1195	88.0637

N-term:+43.02

STGVPSGSSAATGSNR, MH+ 1477.6883, m/z 739.3478
 H OS G29 P150811 220811-s1.02340.02340.2.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+

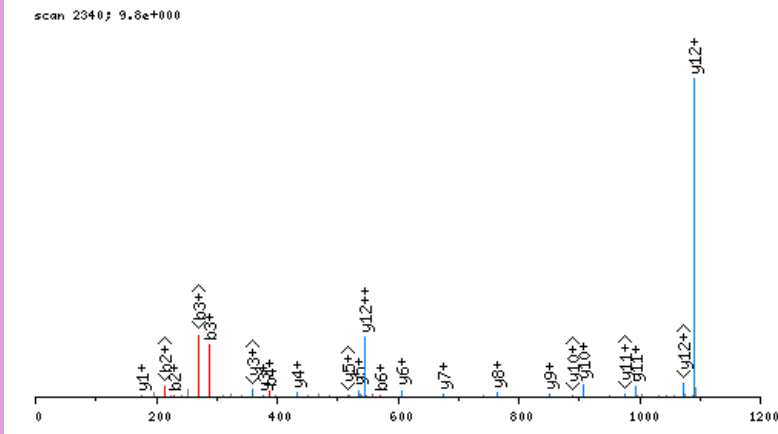
y + 2+ 3+

z + 2+ 3+

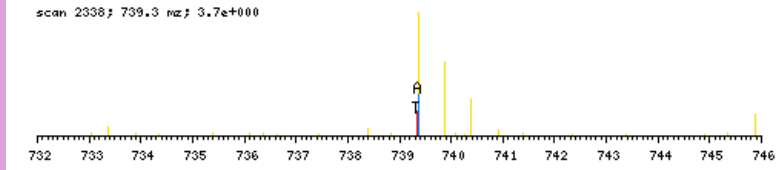
hide H₂O/NH₃

zoom 112-122

GO



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



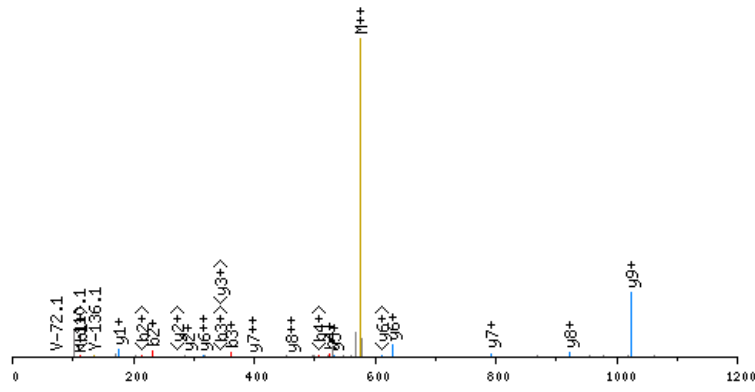
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 16		
231.0981	2	T 15	1348.6457	674.8268
288.1196	3	G 14	1247.5980	624.3029
387.1880	4	V 13	1190.5766	595.7922
484.2407	5	P 12	1091.5081	546.2580
571.2728	6	S 11	994.4554	497.7316
628.2942	7	G 10	907.4233	454.2156
715.3263	8	S 9	850.4019	425.7049
802.3583	9	S 8	763.3699	382.1888
873.3954	10	A 7	676.3378	338.6728
944.4325	11	A 6	605.3007	303.1543
1045.4802	12	T 5	534.2636	267.6357
1102.5017	13	G 4	433.2159	217.1119
1189.5337	14	S 3	376.1945	188.6011
1303.5766	15	N 2	289.1624	145.0851
	16	R 1	175.1195	88.0637

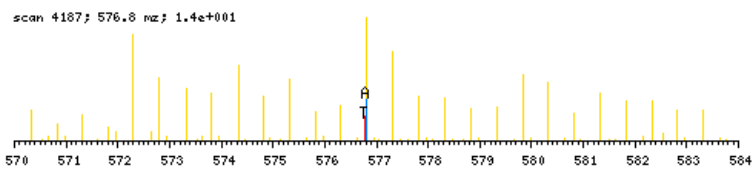
N-term:+43.02

STMYPGIADR, MH+ 1152.5359, m/z 576.7716
 H OS G25 P150811 220811-s1.04188.04188.2.dta

scan 4188; 1.4e+001



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



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	10		
231.0981	2	T	9	1023.4933	512.2506
362.1386	3	M	8	922.4457	461.7267
525.2019	4	Y	7	791.4052	396.2065
622.2547	5	P	6	628.3418	314.6748
679.2761	6	G	5	531.2891	266.1485
792.3602	7	I	4	474.2676	237.6377
863.3973	8	A	3	361.1836	181.0957
978.4243	9	D	2	290.1464	145.5771
	10	R	1	175.1195	88.0637

N-term:+43.02

STTTGPEAAPKPSAKSIYEQR, MH+ 2317.2040, m/z 773.0729
 H OS G26 P150811 220811-s1.03007.03007.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

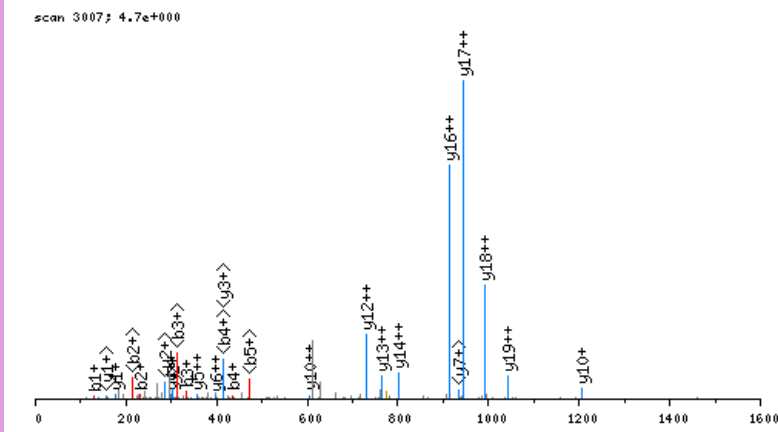
y + 2+ 3+

z + 2+ 3+

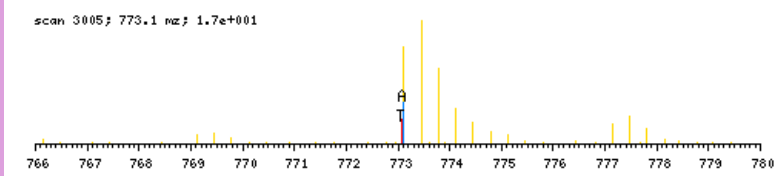
hide H₂O/NH₃

zoom 112-122

GO



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



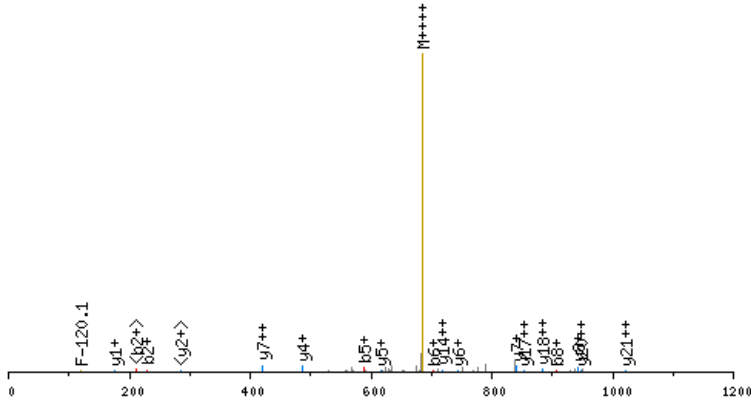
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	21		
231.0981	2	T	20	2188.1614	1094.5846
332.1458	3	T	19	2087.1138	1044.0608
433.1935	4	T	18	1986.0661	993.5370
490.2149	5	G	17	1885.0184	943.0131
587.2677	6	P	16	1827.9969	914.5024
716.3103	7	E	15	1730.9442	865.9760
787.3474	8	A	14	1601.9016	801.4547
858.3845	9	A	13	1530.8645	765.9362
955.4373	10	P	12	1459.8274	730.4176
1111.5636	11	K	11	1362.7746	681.8912
1208.6163	12	P	10	1206.6483	603.8281
1295.6484	13	S	9	1109.5955	555.3017
1366.6855	14	A	8	1022.5635	511.7857
1522.8118	15	K	7	951.5264	476.2671
1609.8438	16	S	6	795.4001	398.2040
1722.9279	17	I	5	708.3681	354.6879
1885.9912	18	Y	4	595.2840	298.1459
2015.0338	19	E	3	432.2207	216.6142
2143.0924	20	Q	2	303.1781	152.0930
	21	R	1	175.1195	88.0637

N-term:+43.02 K(11):+156.13
 K(15):+156.13

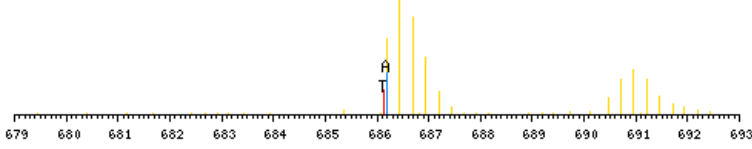
SVFGKLFAGGGKAGKGGPTPQEAIQR, MH+ 2741.5104, m/z 686.1331
 H OS G27 P150811 220811-s1.06704.06704.4.dta

scan 6704; 2.2e+001



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

scan 6702; 686.1 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⁺
130.0504	1	S	27	
229.1188	2	V	26	2612.4678
376.1873	3	F	25	2513.3994
433.2087	4	G	24	2366.3309
589.3350	5	K	23	2309.3095
702.4191	6	L	22	2153.1832
849.4875	7	F	21	2040.0991
906.5090	8	G	20	1893.0307
977.5461	9	A	19	1836.0092
1034.5675	10	G	18	1764.9721
1091.5890	11	G	17	1707.9507
1148.6105	12	G	16	1650.9292
1304.7368	13	K	15	1593.9077
1375.7739	14	A	14	1437.7814
1432.7953	15	G	13	1366.7443
1588.9216	16	K	12	1309.7229
1645.9431	17	G	11	1153.5966
1702.9646	18	G	10	1096.5751
1800.0173	19	P	9	1039.5536
1901.0650	20	T	8	942.5009
1998.1178	21	P	7	841.4532
2126.1764	22	Q	6	744.4004
2255.2189	23	E	5	616.3418
2326.2561	24	A	4	487.2993
2439.3401	25	I	3	416.2621
2567.3987	26	Q	2	303.1781
	27	R	1	175.1195

N-term:+43.02 K(5):+156.13
 K(13):+156.13 K(16):+156.13

SVPLLTDAATVSGAER, MH+ 1628.8496, m/z 814.9284
 H OS G29 P150811 220811-s1.06121.06121.2.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+

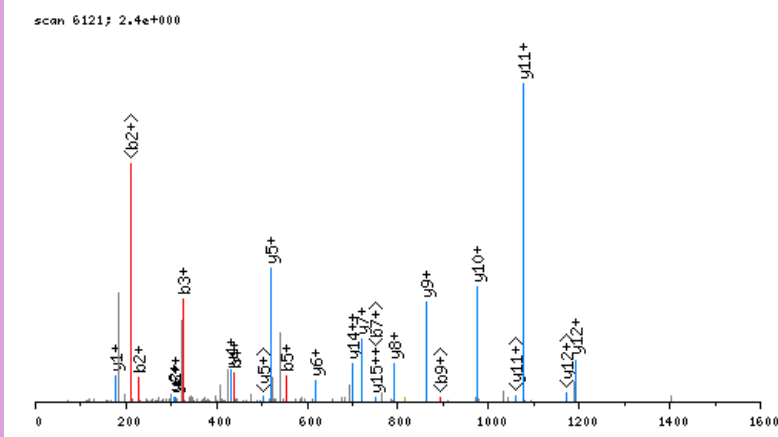
y + 2+ 3+

z + 2+ 3+

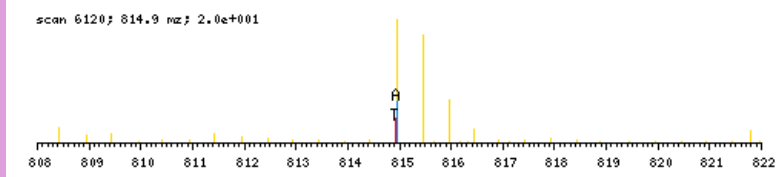
hide H₂O/NH₃

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⁺
130.0504	1	S 16		
229.1188	2	V 15	1499.8069	750.4074
326.1716	3	P 14	1400.7385	700.8732
439.2557	4	L 13	1303.6858	652.3468
552.3397	5	L 12	1190.6017	595.8048
653.3874	6	T 11	1077.5176	539.2627
768.4144	7	D 10	976.4700	488.7389
839.4515	8	A 9	861.4430	431.2254
910.4886	9	A 8	790.4059	395.7069
1011.5363	10	T 7	719.3688	360.1883
1110.6047	11	V 6	618.3211	309.6645
1197.6367	12	S 5	519.2527	260.1303
1254.6582	13	G 4	432.2207	216.6142
1325.6953	14	A 3	375.1992	188.1035
1454.7379	15	E 2	304.1621	152.5850
	16	R 1	175.1195	88.0637

N-term:+43.02

SVQVAAPGSTGLGPER, MH+ 1567.8080, m/z 784.4076
 H OS G29 P150811 220811-s1.04009.04009.2.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+

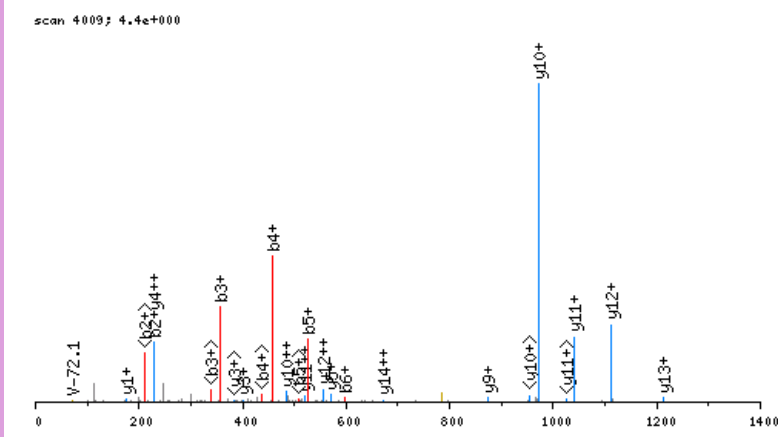
y + 2+ 3+

z + 2+ 3+

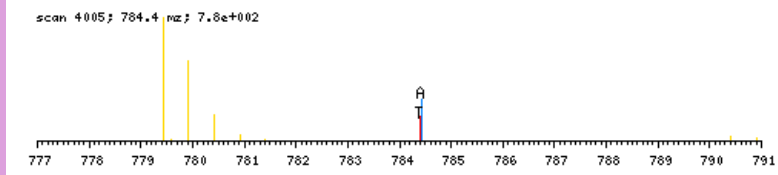
hide H₂O/NH₃

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⁺
130.0504	1	S 16		
229.1188	2	V 15	1438.7654	719.8866
357.1774	3	Q 14	1339.6970	670.3524
456.2458	4	V 13	1211.6384	606.3231
527.2829	5	A 12	1112.5700	556.7889
598.3201	6	A 11	1041.5329	521.2704
695.3728	7	P 10	970.4958	485.7518
752.3943	8	G 9	873.4430	437.2254
839.4263	9	S 8	816.4216	408.7147
940.4740	10	T 7	729.3895	365.1987
997.4955	11	G 6	628.3418	314.6748
1110.5795	12	L 5	571.3204	286.1641
1167.6010	13	G 4	458.2363	229.6221
1264.6538	14	P 3	401.2149	201.1113
1393.6963	15	E 2	304.1621	152.5850
	16	R 1	175.1195	88.0637

N-term:+43.02

SVVTGGGEAAGGGGGGAR, MH+ 1515.7152, m/z 758.3612
 H OS G29 P150811 220811-s1.02547.02547.2.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+

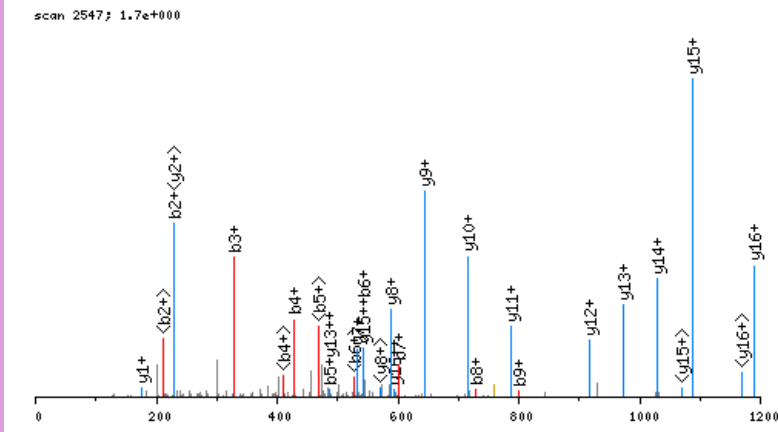
y + 2+ 3+

z + 2+ 3+

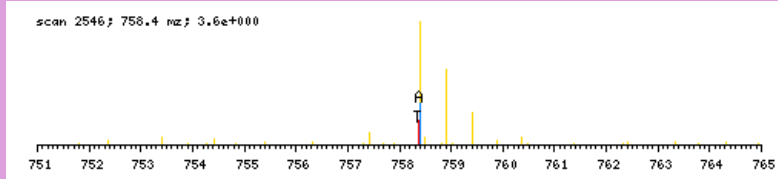
hide H₂O/NH₃

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⁺
130.0504	1	S 19		
229.1188	2	V 18	1386.6726	693.8402
328.1873	3	V 17	1287.6042	644.3060
429.2349	4	T 16	1188.5358	594.7718
486.2564	5	G 15	1087.4881	544.2479
543.2779	6	G 14	1030.4666	515.7372
600.2993	7	G 13	973.4451	487.2265
729.3419	8	E 12	916.4237	458.7158
800.3790	9	A 11	877.3811	394.1945
871.4161	10	A 10	716.3440	358.6759
928.4376	11	G 9	645.3069	323.1573
985.4591	12	G 8	588.2854	294.6466
1042.4805	13	G 7	531.2639	266.1359
1099.5020	14	G 6	474.2425	237.6251
1156.5235	15	G 5	417.2210	209.1144
1213.5449	16	G 4	360.1995	180.6037
1270.5664	17	G 3	303.1781	152.0930
1341.6035	18	A 2	246.1566	123.5822
	19	R 1	175.1195	88.0637

N-term:+43.02

SYGPLDMYR, MH+ 1143.5145, m/z 572.2609
 H OS G29 P150811 220811-s1.05284.05284.2.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+

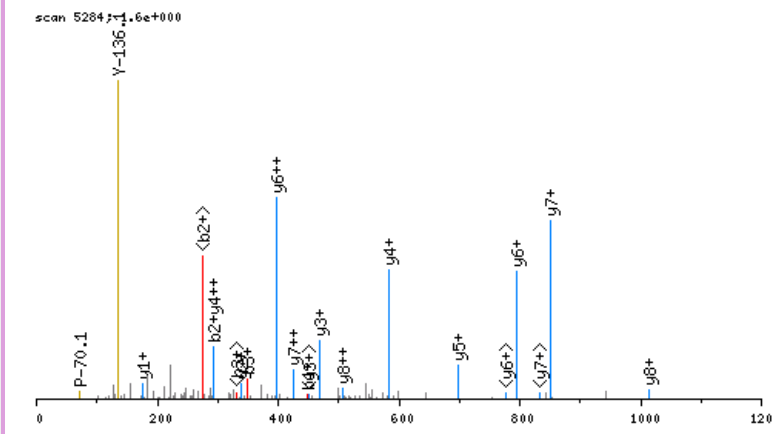
y + 2+ 3+

z + 2+ 3+

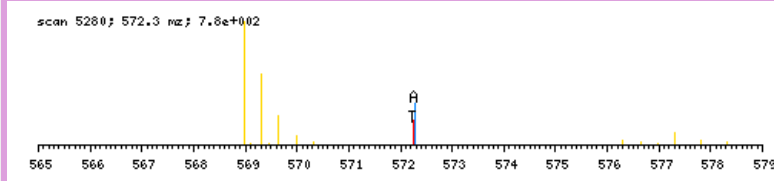
hide H₂O/NH₃

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⁺
130.0504	1	S	9	
293.1138	2	Y	8	1014.4719 507.7399
350.1352	3	G	7	851.4085 426.2082
447.1880	4	P	6	794.3871 397.6975
560.2720	5	L	5	697.3343 349.1711
675.2990	6	D	4	584.2503 292.6290
806.3395	7	M	3	469.2233 235.1156
969.4028	8	Y	2	338.1828 169.5953
	9	R	1	175.1195 88.0637

N-term:+43.02

SYHGSDSLQLER, MH+ 1461.6610, m/z 487.8919
 H OS G27 P150811 220811-s1.03184.03184.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

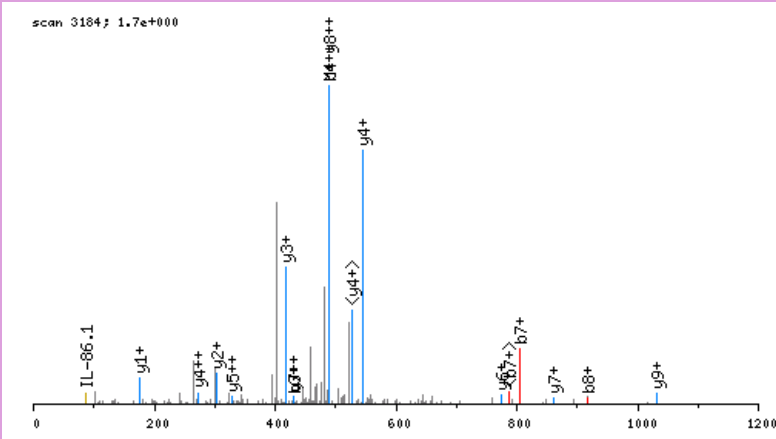
y + 2+ 3+

z + 2+ 3+

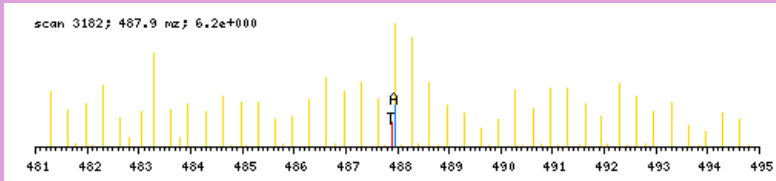
hide H₂O/NH₃

zoom 112-122

GO



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



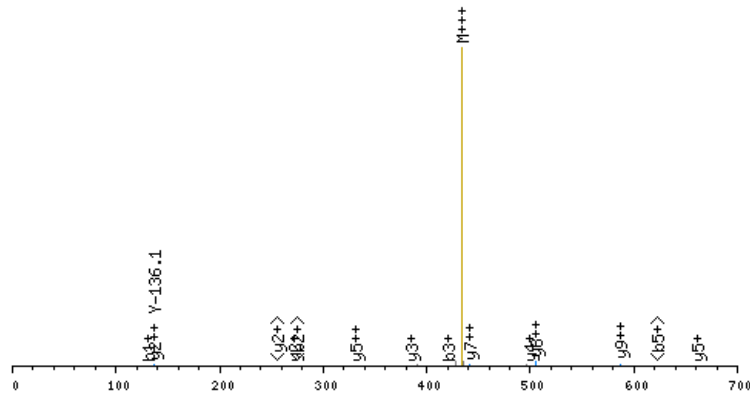
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	12		
293.1138	2	Y	11	1332.6184	666.8131
430.1727	3	H	10	1169.5551	585.2815
487.1941	4	G	9	1032.4962	516.7520
602.2211	5	D	8	975.4747	488.2413
689.2531	6	S	7	860.4478	430.7278
804.2800	7	D	6	773.4157	387.2118
917.3641	8	L	5	658.3888	329.6983
1045.4227	9	Q	4	545.3047	273.1563
1158.5068	10	L	3	417.2462	209.1270
1287.5493	11	E	2	304.1621	152.5850
	12	R	1	175.1195	88.0637

N-term:+43.02

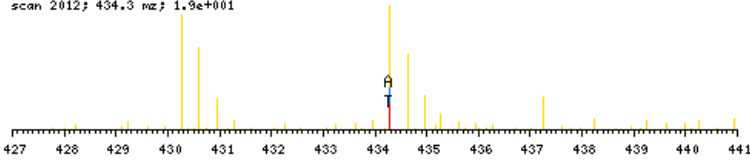
SYQGKKNIPR, MH+ 1300.8014, m/z 434.2720
 H OS G27 P150811 220811-s1.02013.02013.3.dta

scan 2013; 8.5e+001



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

scan 2012; 434.3 mz; 1.9e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S	10	
293.1138	2	Y	9	1171.7588
421.1723	3	Q	8	1008.6955
478.1938	4	G	7	880.6369
640.3519	5	K	6	823.6155
802.5100	6	K	5	661.4574
916.5529	7	N	4	499.2993
1029.6370	8	I	3	385.2563
1126.6898	9	P	2	272.1723
	10	R	1	175.1195

N-term:+43.02 K(5):+162.16
 K(6):+162.16

SYTLDISLGNPSAYR, MH+ 1585.7498, m/z 793.3786
 H OS G29 P150811 220811-s1.05482.05482.2.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+

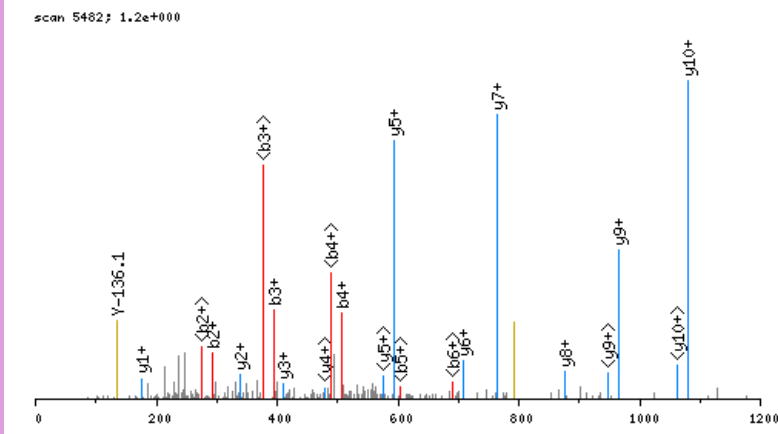
y + 2+ 3+

z + 2+ 3+

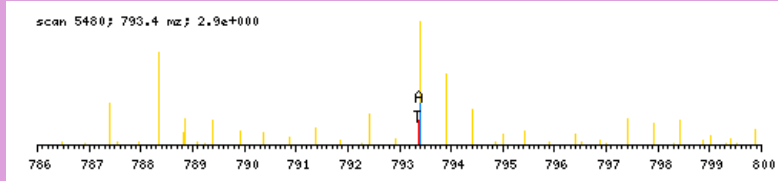
hide H₂O/NH₃

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⁺
130.0504	1	S 14		
293.1138	2	Y 13	1456.7072	728.8575
394.1614	3	T 12	1293.6439	647.3259
507.2455	4	L 11	1192.5962	596.8020
622.2724	5	D 10	1079.5122	540.2600
709.3045	6	S 9	964.4852	482.7465
822.3885	7	L 8	877.4532	439.2305
879.4100	8	G 7	764.3691	382.6885
993.4529	9	N 6	707.3477	354.1777
1090.5057	10	P 5	593.3047	297.1563
1177.5377	11	S 4	496.2520	248.6299
1248.5748	12	A 3	409.2199	205.1139
1411.6382	13	Y 2	338.1828	169.5953
	14	R 1	175.1195	88.0637

N-term:+43.02

SYTPGIGGDSAQLAQR, MH+ 1662.8087, m/z 554.9411
 H OS G29 P150811 220811-s1.04041.04041.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

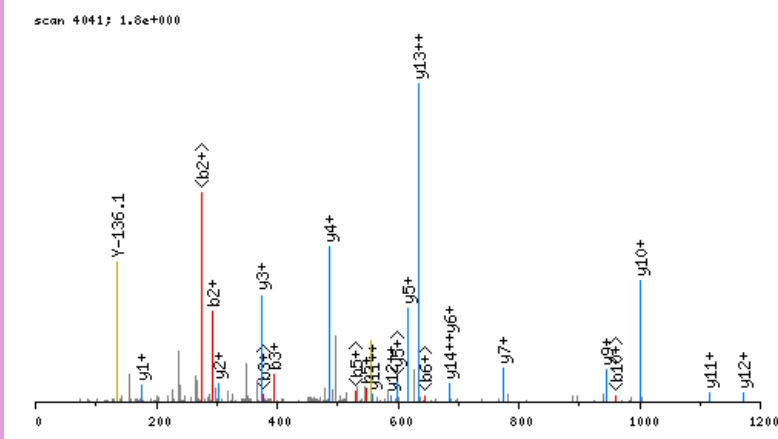
y + 2+ 3+

z + 2+ 3+

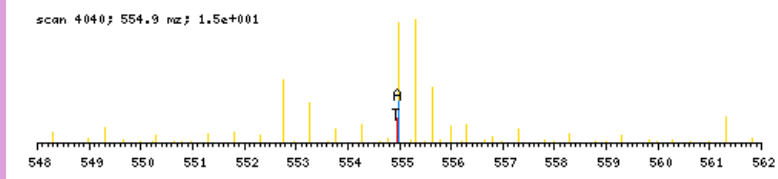
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	16		
293.1138	2	Y	15	1533.7661	767.3870
394.1614	3	T	14	1370.7028	685.8553
491.2142	4	P	13	1269.6551	635.3315
548.2357	5	G	12	1172.6024	586.8051
661.3197	6	I	11	1115.5809	558.2944
718.3412	7	G	10	1002.4968	501.7523
775.3627	8	G	9	945.4754	473.2416
890.3896	9	D	8	888.4539	444.7309
977.4216	10	S	7	773.4270	387.2174
1048.4587	11	A	6	686.3949	343.7014
1176.5173	12	Q	5	615.3578	308.1828
1289.6014	13	L	4	487.2993	244.1535
1360.6385	14	A	3	374.2152	187.6115
1488.6971	15	Q	2	303.1781	152.0930
	16	R	1	175.1195	88.0637

N-term:+43.02

SYTPGQPVTAVVQR, MH+ 1544.8073, m/z 515.6073
 H OS G29 P150811 220811-s1.04241.04241.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

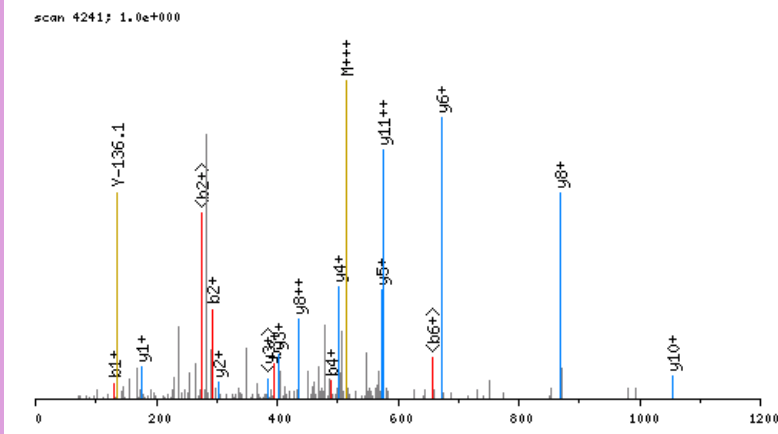
y + 2+ 3+

z + 2+ 3+

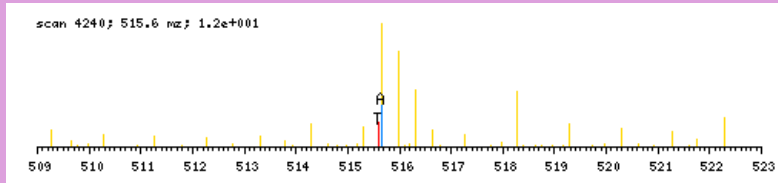
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 14		
293.1138	2	Y 13	1415.7647	708.3863
394.1614	3	T 12	1252.7014	626.8546
491.2142	4	P 11	1151.6537	576.3308
548.2357	5	G 10	1054.6009	527.8044
676.2942	6	Q 9	997.5795	499.2936
773.3470	7	P 8	869.5209	435.2644
872.4154	8	V 7	772.4681	386.7380
973.4631	9	T 6	673.3997	337.2038
1044.5002	10	A 5	572.3520	286.6799
1143.5686	11	V 4	501.3149	251.1614
1242.6370	12	V 3	402.2465	201.6272
1370.6956	13	Q 2	303.1781	152.0930
	14	R 1	175.1195	88.0637

N-term:+43.02

TAIKEIVSR, MH+ 1199.7364, m/z 600.3718
 H OS G25 P150811 220811-s1.08185.08185.2.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+

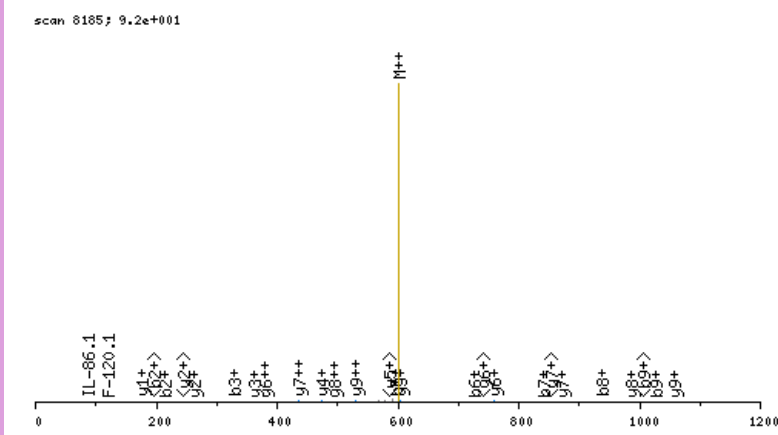
y + 2+ 3+

z + 2+ 3+

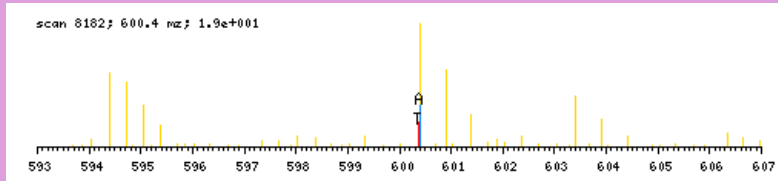
hide H₂O/NH₃

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⁺
144.0661	1	T	10	
215.1032	2	A	9	1056.6781 528.8430
328.1873	3	I	8	985.6410 493.3244
441.2713	4	I	7	872.5570 436.7824
597.3976	5	K	6	759.4729 380.2404
726.4402	6	E	5	603.3466 302.1772
839.5243	7	I	4	474.3040 237.6559
938.5927	8	V	3	361.2199 181.1139
1025.6247	9	S	2	262.1515 131.5797
	10	R	1	175.1195 88.0637

N-term:+43.02 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+

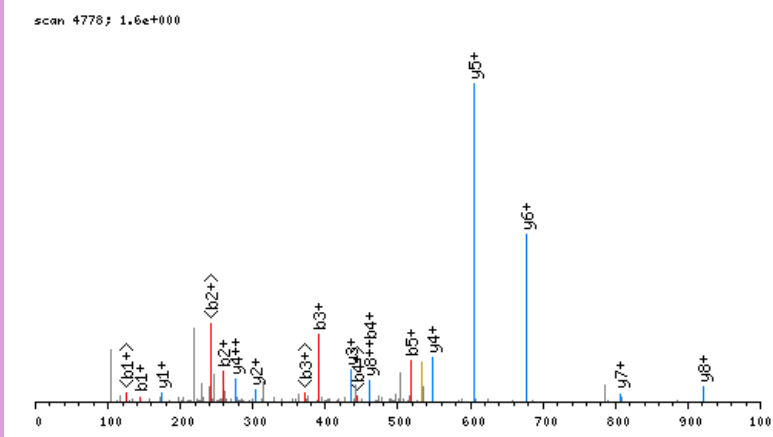
y + 2+ 3+

z + 2+ 3+

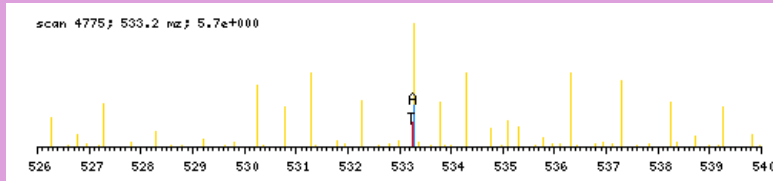
hide H₂O/NH₃

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⁺
144.0661	1	T 9		
259.0930	2	D 8	922.4126	461.7102
390.1335	3	M 7	807.3857	404.1968
461.1706	4	A 6	676.3452	338.6765
518.1921	5	G 5	605.3081	303.1580
631.2761	6	L 4	548.2866	274.6472
762.3166	7	M 3	435.2026	218.1052
891.3592	8	E 2	304.1621	152.5850
	9	R 1	175.1195	88.0637

N-term:+43.02

TDNTNSQLVVR, MH+ 1288.6497, m/z 644.8285
 H OS G29 P150811 220811-s1.03029.03029.2.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+

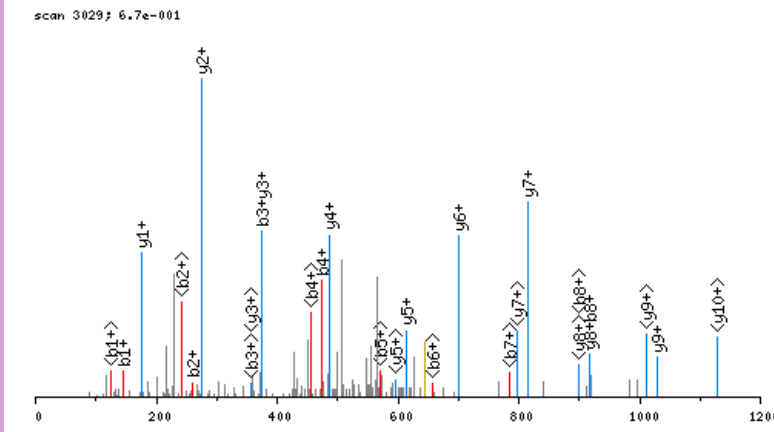
y + 2+ 3+

z + 2+ 3+

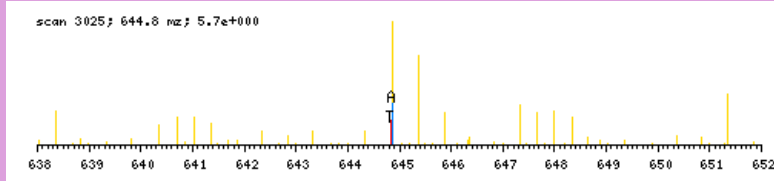
hide H₂O/NH₃

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⁺
144.0661	1	T	11	
259.0930	2	D	10	1145.5915 573.2997
373.1359	3	N	9	1030.5645 515.7862
474.1836	4	T	8	916.5216 458.7647
588.2266	5	N	7	815.4739 408.2409
675.2586	6	S	6	701.4310 351.2194
803.3172	7	Q	5	614.3990 307.7034
916.4012	8	L	4	486.3404 243.6741
1015.4696	9	V	3	373.2563 187.1321
1114.5381	10	V	2	274.1879 137.5979
	11	R	1	175.1195 88.0637

N-term:+43.02

TDVESVITSFASSAR, MH+ 1611.7866, m/z 806.3969
 H OS G29 P150811 220811-s1.06529.06529.2.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+

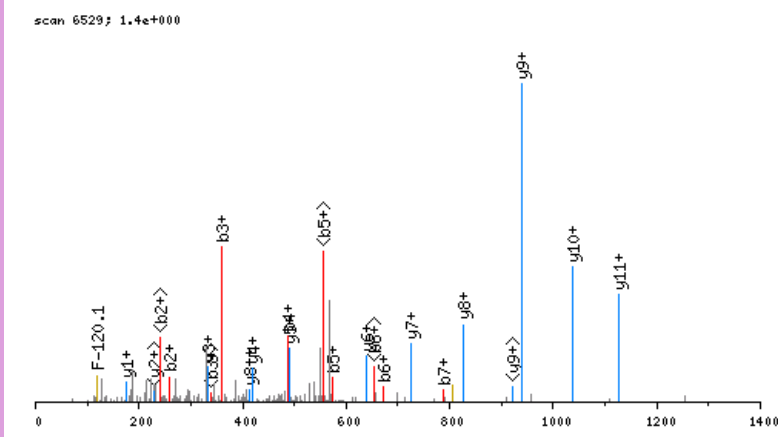
y + 2+ 3+

z + 2+ 3+

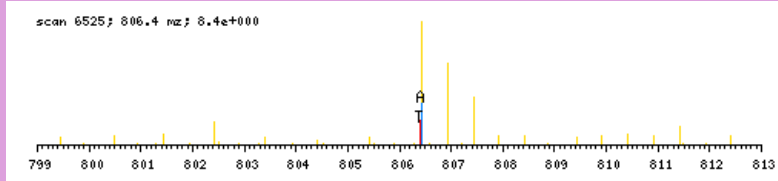
hide H₂O/NH₃

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⁺
144.0661	1	T 15		
259.0930	2	D 14	1468.7284	734.8681
358.1614	3	V 13	1353.7014	677.3546
487.2040	4	E 12	1254.6330	627.8204
574.2361	5	S 11	1125.5904	563.2991
673.3045	6	V 10	1038.5584	519.7831
786.3885	7	I 9	939.4900	470.2489
887.4362	8	T 8	826.4059	413.7069
974.4682	9	S 7	725.3582	363.1830
1121.5367	10	F 6	638.3262	319.6670
1192.5738	11	A 5	491.2578	246.1328
1279.6058	12	S 4	420.2207	210.6142
1366.6378	13	S 3	333.1886	167.0982
1437.6749	14	A 2	246.1566	123.5822
	15	R 1	175.1195	88.0637

N-term:+43.02

TDVETTYADFIASGR, MH+ 1687.7815, m/z 844.3944
 H OS G29 P150811 220811-s1.06241.06241.2.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+

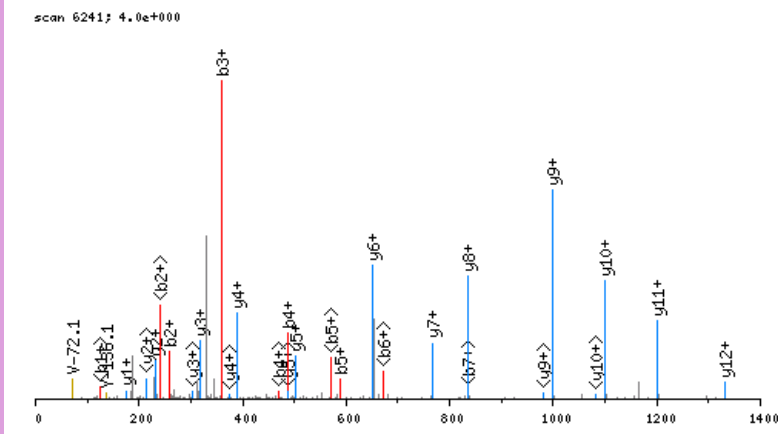
y + 2+ 3+

z + 2+ 3+

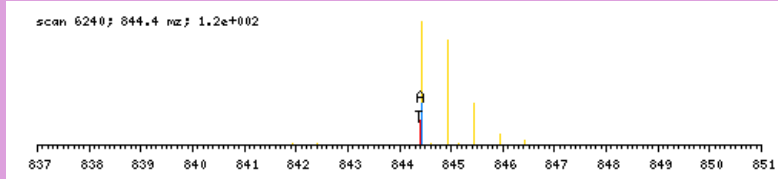
hide H₂O/NH₃

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⁺
144.0661	1	T	15		
259.0930	2	D	14	1544.7233	772.8656
358.1614	3	V	13	1429.6963	715.3521
487.2040	4	E	12	1330.6279	665.8179
588.2517	5	T	11	1201.5853	601.2966
689.2994	6	T	10	1100.5376	550.7727
852.3627	7	Y	9	999.4900	500.2489
923.3998	8	A	8	836.4266	418.7172
1038.4268	9	D	7	765.3895	383.1987
1185.4952	10	F	6	650.3626	325.6852
1298.5792	11	I	5	503.2942	252.1510
1369.6164	12	A	4	390.2101	195.6090
1456.6484	13	S	3	319.1730	160.0904
1513.6699	14	G	2	232.1410	116.5744
	15	R	1	175.1195	88.0637

N-term:+43.02

TEEHTDLEAR, MH+ 1242.5602, m/z 621.7838
 H OS G25 P150811 220811-s1.02338.02338.2.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+

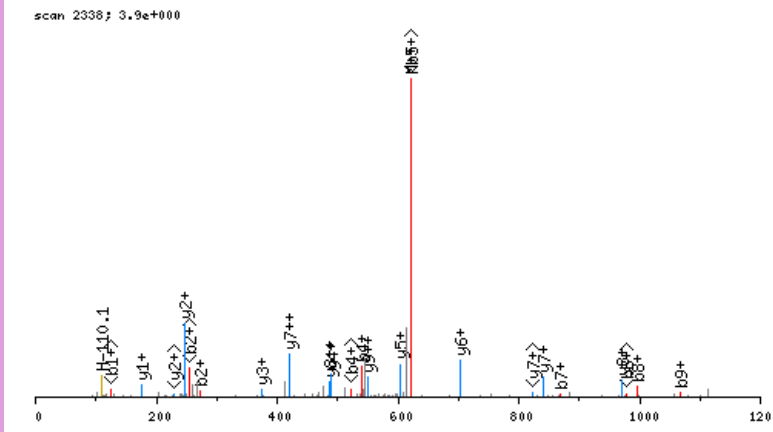
y + 2+ 3+

z + 2+ 3+

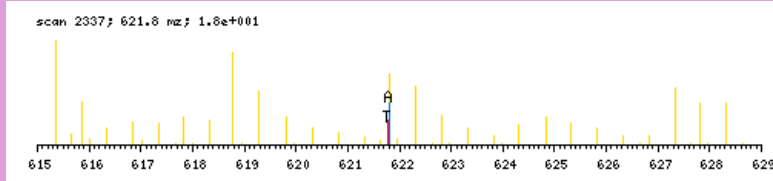
hide H₂O/NH₃

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⁺
144.0661	1	T	10		
273.1087	2	E	9	1099.5020	550.2549
402.1513	3	E	8	970.4594	485.7336
539.2102	4	H	7	841.4168	421.2123
640.2579	5	T	6	704.3579	352.6829
755.2848	6	D	5	603.3102	302.1590
868.3689	7	L	4	488.2833	244.6455
997.4115	8	E	3	375.1992	188.1035
1068.4486	9	A	2	246.1566	123.5822
	10	R	1	175.1195	88.0637

N-term:+43.02

TEELITPVYCTGVSAQVQKKR, MH+ 2505.3387, m/z 835.7844
 H OS G26 P150811 220811-s1.05373.05373.3.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+

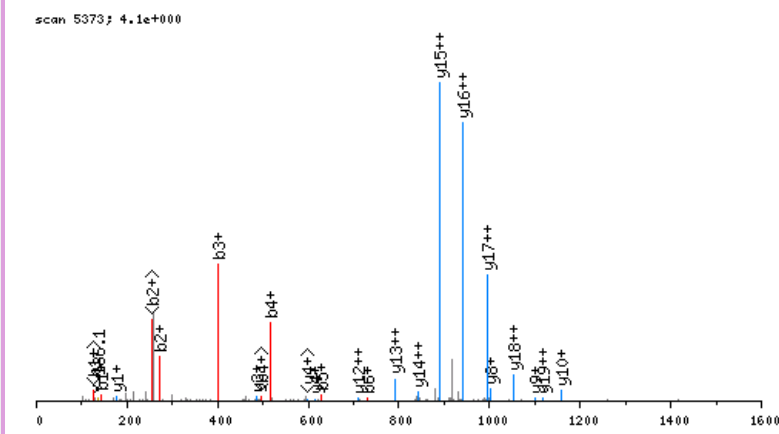
y + 2+ 3+

z + 2+ 3+

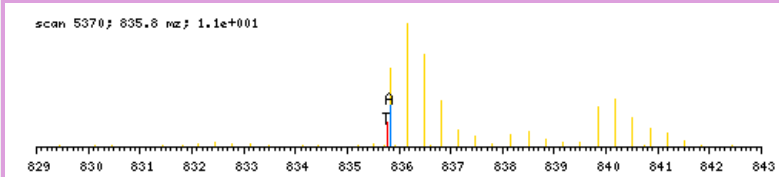
hide H₂O/NH₃

zoom 112-122

GO



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



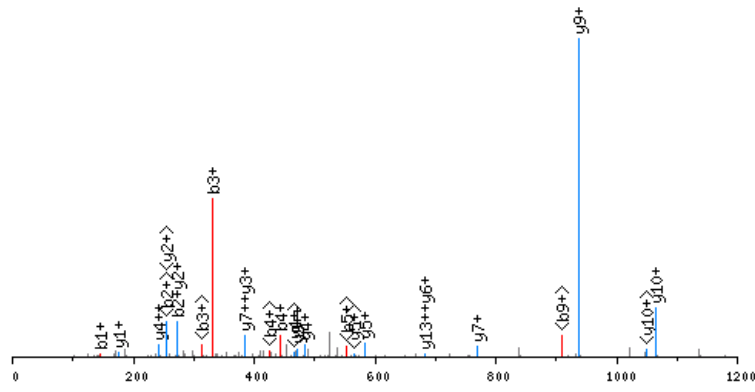
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
144.0661	1	T	21		
273.1087	2	E	20	2362.2805	1181.6441
402.1513	3	E	19	2233.2379	1117.1228
515.2353	4	L	18	2104.1953	1052.6016
628.3194	5	I	17	1991.1112	996.0595
729.3671	6	T	16	1878.0272	939.5175
826.4198	7	P	15	1776.9795	888.9936
925.4882	8	V	14	1679.9267	840.4673
1088.5516	9	Y	13	1580.8583	790.9331
1248.5822	10	C	12	1417.7950	709.4014
1349.6299	11	T	11	1257.7644	629.3861
1406.6513	12	G	10	1156.7167	578.8623
1505.7197	13	V	9	1099.6952	550.3515
1592.7518	14	S	8	1000.6268	500.8173
1663.7889	15	A	7	913.5948	457.3013
1791.8475	16	Q	6	842.5577	421.7827
1890.9159	17	V	5	714.4991	357.7535
2018.9744	18	Q	4	615.4307	308.2193
2175.1007	19	K	3	487.3721	244.1900
2331.2270	20	K	2	331.2458	166.1268
	21	R	1	175.1195	88.0637

N-term:+43.02 C(10):+160.03
 K(19):+156.13 K(20):+156.13

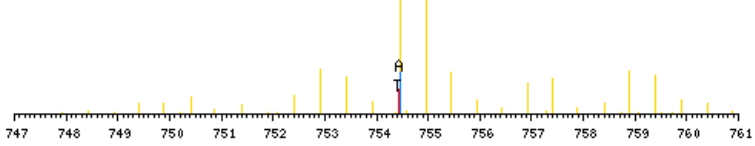
TEGLQPASVVVLP, MH+ 1507.8484, m/z 754.4279
 H OS G29 P150811 220811-s1.05751.05751.2.dta

scan 5751; 4.0e+000



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

scan 5750; 754.4 m/z; 4.8e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
144.0661	1	T 14		
273.1087	2	E 13	1364.7902	682.8990
330.1301	3	G 12	1235.7476	618.3777
443.2142	4	L 11	1178.7261	589.8670
571.2728	5	Q 10	1065.6421	533.3249
668.3255	6	P 9	937.5835	469.2957
739.3627	7	A 8	840.5307	420.7693
826.3947	8	S 7	769.4936	385.2507
925.4631	9	V 6	682.4616	341.7347
1024.5315	10	V 5	583.3932	292.2005
1123.5999	11	V 4	484.3247	242.6663
1236.6840	12	L 3	385.2563	193.1321
1333.7368	13	P 2	272.1723	136.5900
	14	R 1	175.1195	88.0637

N-term:+43.02

TELQSALLLR, MH+ 1185.6843, m/z 593.3458
 H OS G29 P150811 220811-s1.06196.06196.2.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+

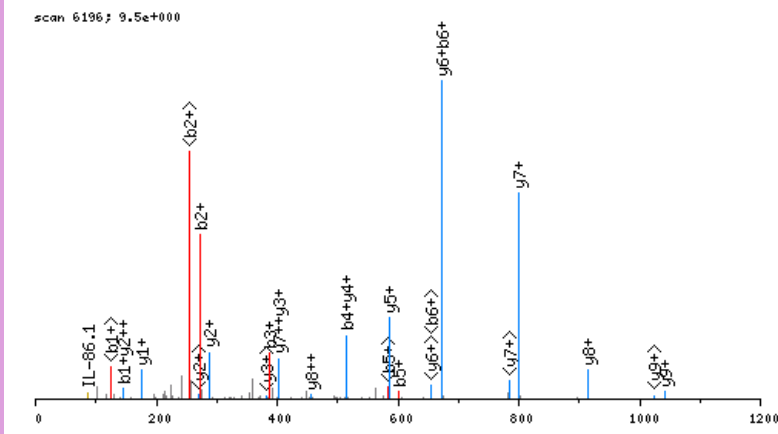
y + 2+ 3+

z + 2+ 3+

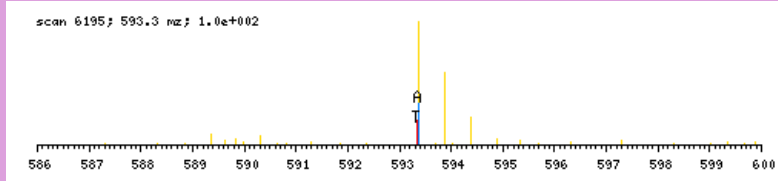
hide H₂O/NH₃

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⁺
144.0661	1	T	10	
273.1087	2	E	9	1042.6261 521.8169
386.1927	3	L	8	913.5835 457.2957
514.2513	4	Q	7	800.4994 400.7536
601.2833	5	S	6	672.4408 336.7243
672.3205	6	A	5	585.4088 293.2083
785.4045	7	L	4	514.3717 257.6898
898.4886	8	L	3	401.2876 201.1477
1011.5726	9	L	2	288.2036 144.6057
	10	R	1	175.1195 88.0637

N-term:+43.02

TETDGFYKSR, MH+ 1273.6065, m/z 637.3069
 H OS G25 P150811 220811-s1.03410.03410.2.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+

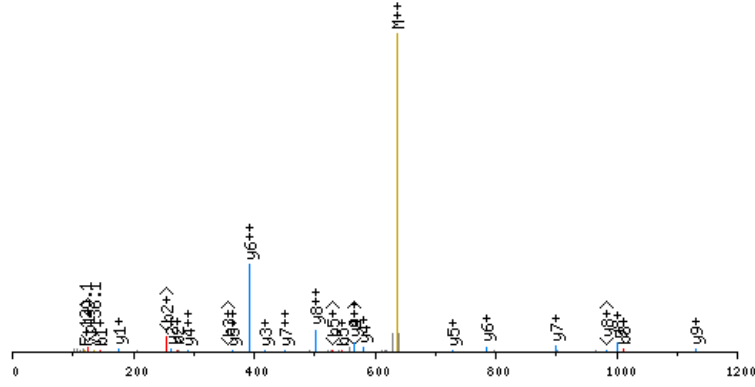
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

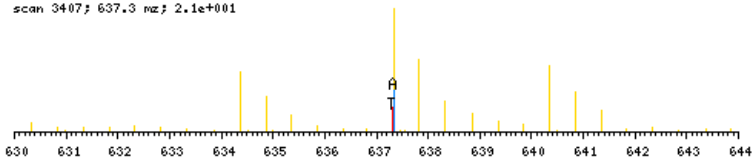
GO

scan 3410; 1.2e+001



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

scan 3407; 637.3 m/z; 2.1e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
144.0661	1	T	10	
273.1087	2	E	9	1130.5483 565.7780
374.1564	3	T	8	1001.5057 501.2567
489.1833	4	D	7	900.4580 450.7329
546.2048	5	G	6	785.4310 393.2194
693.2732	6	F	5	728.4096 364.7087
856.3365	7	Y	4	581.3412 291.1745
1012.4628	8	K	3	418.2778 209.6428
1099.4948	9	S	2	262.1515 131.5797
	10	R	1	175.1195 88.0637

N-term:+43.02 K(8):+156.13

TFAEDKTYKYIR, MH+ 1632.8638, m/z 544.9595
 H OS G27 P150811 220811-s1.05008.05008.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

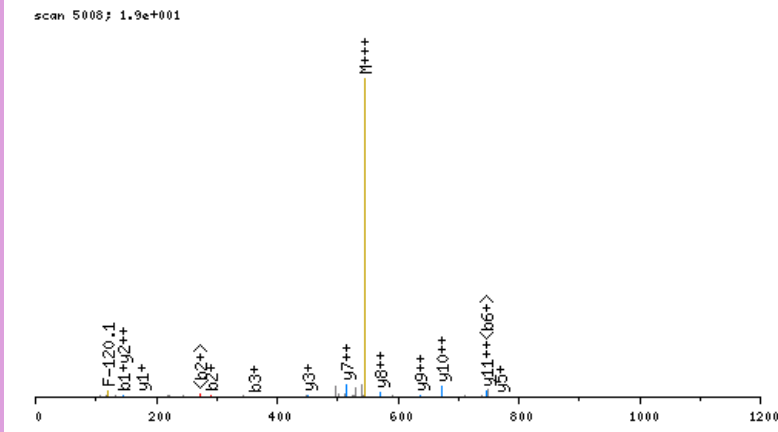
y + 2+ 3+

z + 2+ 3+

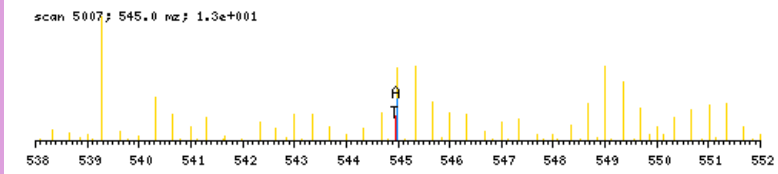
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
144.0661	1	T	12		
291.1345	2	F	11	1489.8056	745.4067
362.1716	3	A	10	1342.7372	671.8725
491.2142	4	E	9	1271.7000	636.3539
606.2411	5	D	8	1142.6574	571.8326
762.3674	6	K	7	1027.6305	514.3192
863.4151	7	T	6	871.5042	436.2560
1026.4784	8	Y	5	770.4565	385.7322
1182.6047	9	K	4	607.3932	304.2005
1345.6681	10	Y	3	451.2669	226.1374
1458.7521	11	I	2	288.2036	144.6057
	12	R	1	175.1195	88.0637

N-term:+43.02 K(6):+156.13
 K(9):+156.13

THSSQDAGSHGIQEEGR, MH+ 1837.8065, m/z 613.2737
 H OS G27 P150811 220811-s1.01955.01955.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

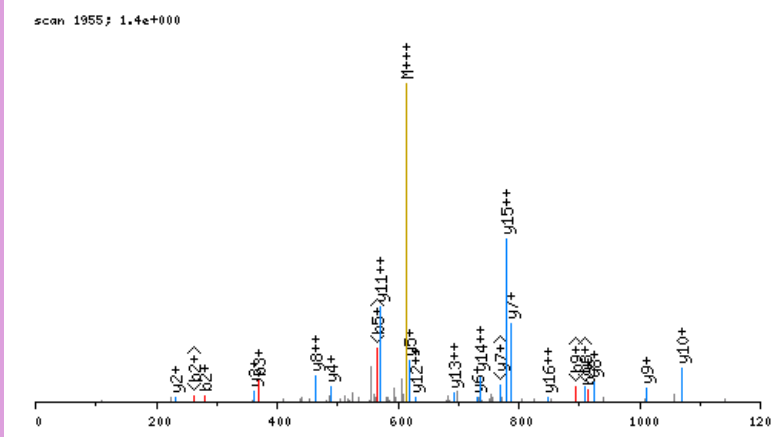
y + 2+ 3+

z + 2+ 3+

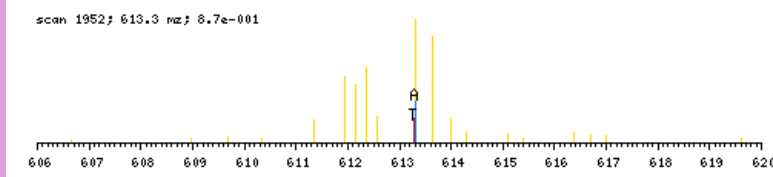
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
144.0661	1	T 17		
281.1250	2	H 16	1694.7483	847.8780
368.1570	3	S 15	1557.6894	779.3486
455.1890	4	S 14	1470.6573	735.8326
583.2476	5	Q 13	1383.6253	692.3166
698.2746	6	D 12	1255.5667	628.2873
769.3117	7	A 11	1140.5398	570.7738
826.3331	8	G 10	1069.5027	535.2552
913.3652	9	S 9	1012.4812	506.7445
1050.4241	10	H 8	925.4492	463.2285
1107.4455	11	G 7	788.3903	394.6990
1220.5296	12	I 6	731.3688	366.1883
1348.5882	13	Q 5	618.2847	309.6463
1477.6308	14	E 4	490.2262	245.6170
1606.6734	15	E 3	361.1836	181.0957
1663.6948	16	G 2	232.1410	116.5744
	17	R 1	175.1195	88.0637

N-term:+43.02

TLGLEQAEEQR, MH+ 1315.6494, m/z 658.3283
 H OS G29 P150811 220811-s1.04003.04003.2.dta

scan 4003; 2.3e+000

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

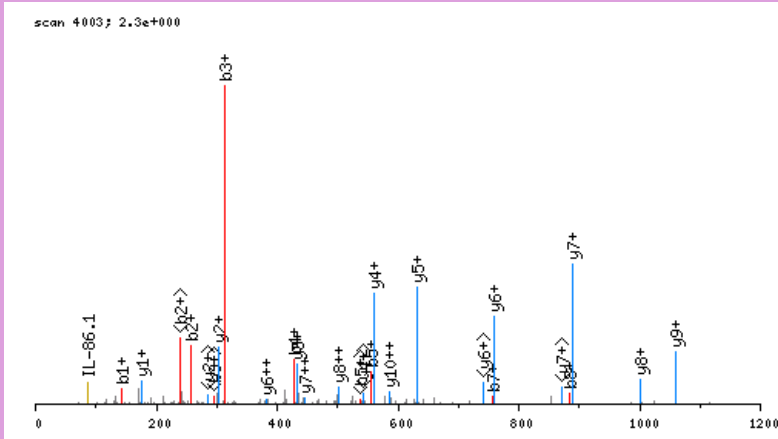
y + 2+ 3+

z + 2+ 3+

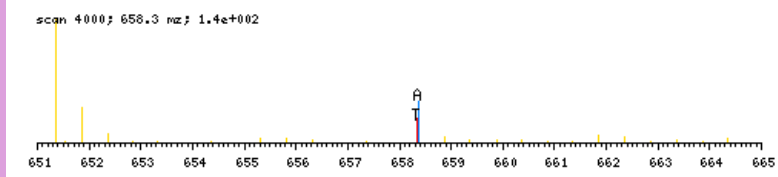
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
144.0661	1	T 11		
257.1501	2	L 10	1172.5911	586.7995
314.1716	3	G 9	1059.5071	530.2575
427.2557	4	L 8	1002.4856	501.7467
556.2983	5	E 7	889.4015	445.2047
684.3568	6	Q 6	760.3590	380.6834
755.3940	7	A 5	632.3004	316.6541
884.4365	8	E 4	561.2633	281.1355
1013.4791	9	E 3	432.2207	216.6142
1141.5377	10	Q 2	303.1781	152.0930
	11	R 1	175.1195	88.0637

N-term:+43.02

TMDKSELVQKAKLAEQAEER, MH+ 2301.2489, m/z 576.0677
 H OS G28 P150811 220811-s1.06060.06060.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

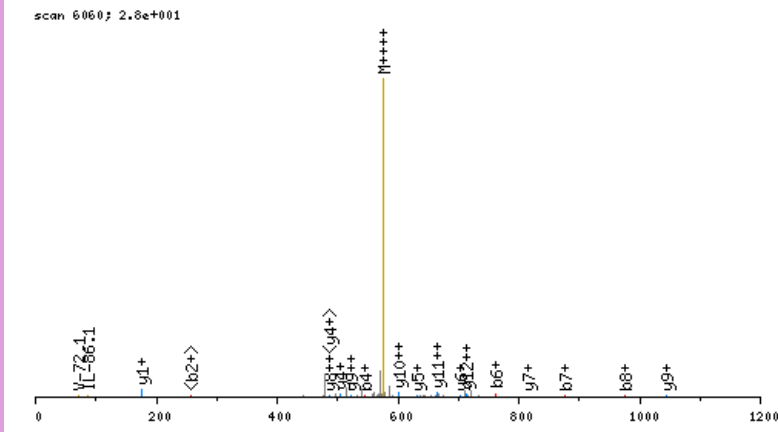
y + 2+ 3+

z + 2+ 3+

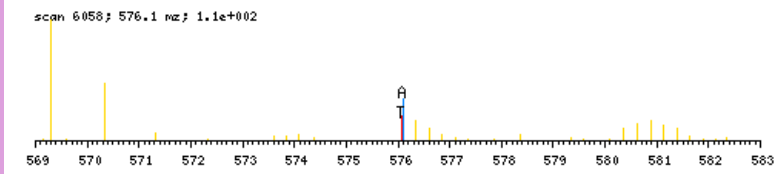
hide H₂O/NH₃

zoom 112-122

GO



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



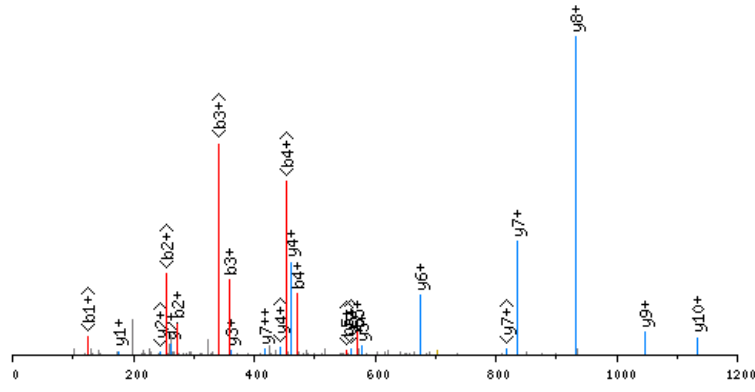
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
144.0661	1	T	19		
275.1066	2	M	18	2158.1907	1079.5992
390.1335	3	D	17	2027.1502	1014.0790
546.2598	4	K	16	1912.1232	956.5655
633.2918	5	S	15	1755.9969	878.5024
762.3344	6	E	14	1668.9649	834.9864
875.4185	7	L	13	1539.9223	770.4651
974.4869	8	V	12	1426.8383	713.9230
1102.5455	9	Q	11	1327.7698	664.3888
1258.6718	10	K	10	1199.7113	600.3595
1329.7089	11	A	9	1043.5850	522.2964
1485.8352	12	K	8	972.5479	486.7778
1598.9193	13	L	7	816.4216	408.7147
1669.9564	14	A	6	703.3375	352.1727
1798.9990	15	E	5	632.3004	316.6541
1927.0575	16	Q	4	503.2578	252.1328
1998.0947	17	A	3	375.1992	188.1035
2127.1373	18	E	2	304.1621	152.5850
	19	R	1	175.1195	88.0637

N-term:+43.02 K(4):+156.13
 K(10):+156.13 K(12):+156.13

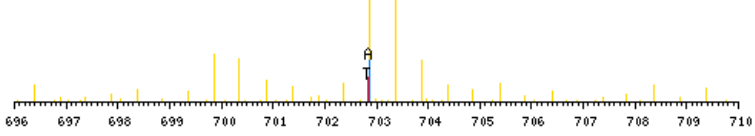
TQSLVCPDVTVSR, MH+ 1404.6793, m/z 702.8433
 H OS G29 P150811 220811-s1.03781.03781.2.dta

scan 3781; 2.5e+000



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

scan 3780; 702.8 m/z; 6.0e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
144.0661	1	T	12		
272.1247	2	Q	11	1261.6210	631.3144
359.1567	3	S	10	1133.5624	567.2851
472.2407	4	L	9	1046.5304	523.7691
571.3092	5	V	8	933.4463	467.2271
731.3398	6	C	7	834.3779	417.6929
828.3925	7	P	6	674.3473	337.6776
943.4195	8	D	5	577.2946	289.1512
1044.4671	9	T	4	462.2676	231.6377
1143.5356	10	V	3	361.2199	181.1139
1230.5676	11	S	2	262.1515	131.5797
	12	R	1	175.1195	88.0637

N-term:+43.02 C(6):+160.03

TSALENYINR, MH+ 1222.6068, m/z 611.8070
 H OS G29 P150811 220811-s1.05247.05247.2.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+

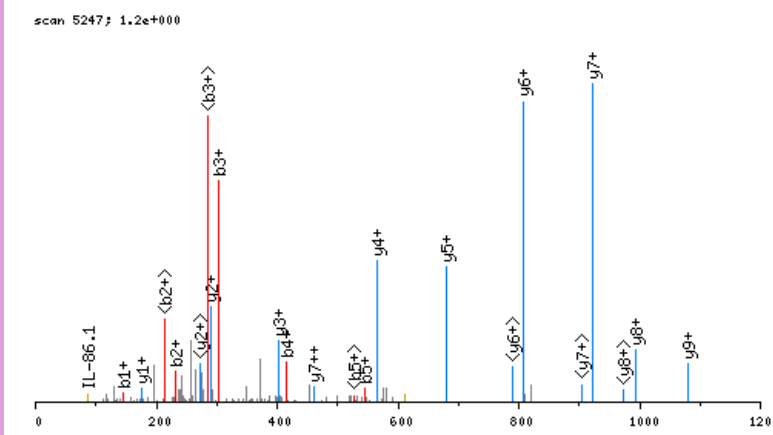
y + 2+ 3+

z + 2+ 3+

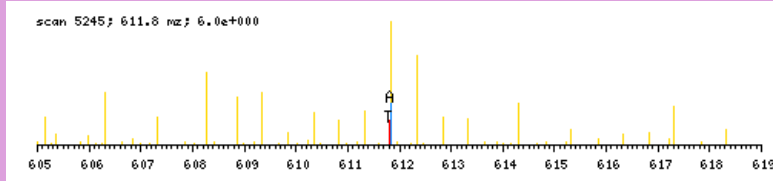
hide H₂O/NH₃

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⁺
144.0661	1	T	10	
231.0981	2	S	9	1079.5485
302.1352	3	A	8	496.7622
415.2193	4	L	7	921.4794
544.2619	5	E	6	808.3953
658.3048	6	N	5	679.3527
821.3681	7	Y	4	565.3098
934.4522	8	I	3	402.2465
1048.4951	9	N	2	289.1624
	10	R	1	175.1195

N-term:+43.02

TSDQDAKVVVAEPQAQR, MH+ 1812.9092, m/z 604.9746
 H OS G24 P150811 220811-s1.02708.02708.3.dta

scan 2708; 5.1e-001

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

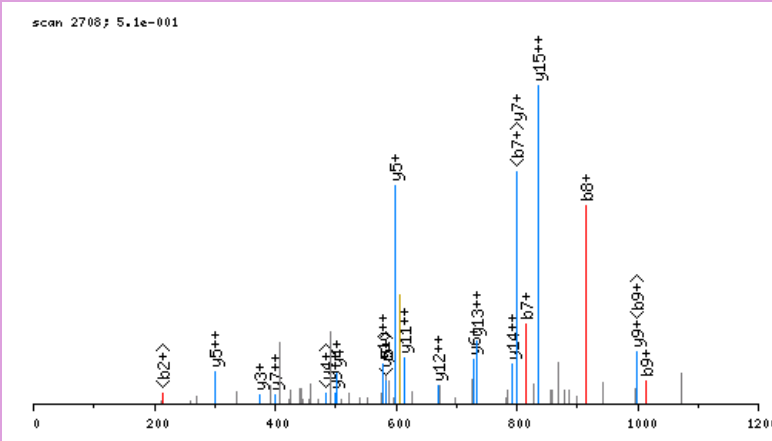
y + 2+ 3+

z + 2+ 3+

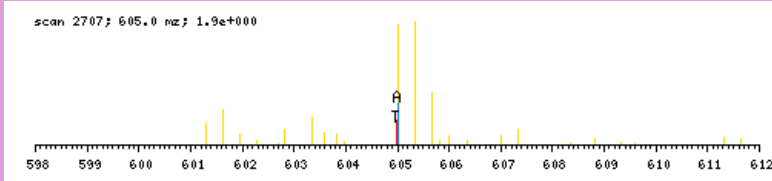
hide H₂O/NH₃

zoom 112-122

GO



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



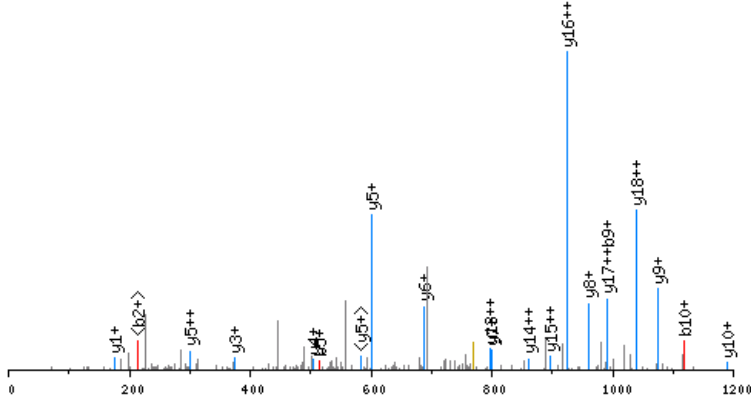
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
144.0661	1	T	16		
231.0981	2	S	15	1669.8510	835.4294
346.1251	3	D	14	1582.8189	791.9134
474.1836	4	Q	13	1467.7920	734.3999
589.2106	5	D	12	1339.7334	670.3706
660.2477	6	A	11	1224.7065	612.8572
816.3740	7	K	10	1153.6694	577.3386
915.4424	8	V	9	997.5431	499.2754
1014.5108	9	V	8	898.4747	449.7412
1085.5479	10	A	7	799.4062	400.2070
1214.5905	11	E	6	728.3691	364.6885
1311.6433	12	P	5	599.3265	300.1672
1439.7019	13	Q	4	502.2738	251.6408
1510.7390	14	A	3	374.2152	187.6115
1638.7976	15	Q	2	303.1781	152.0930
	16	R	1	175.1195	88.0637

N-term:+43.02 K(7):+156.13

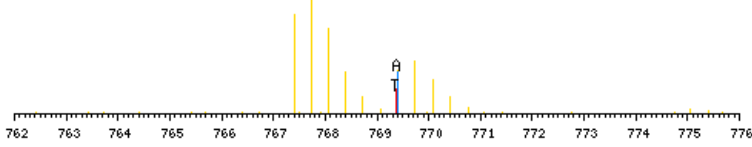
TSPEGAQNKEIDCLSPEAQR, MH+ 2306.1147, m/z 769.3764
 H OS G24 P150811 220811-s1.03284.03284.3.dta

scan 3284; 2.2e+000



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

scan 3282; 769.4 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⁺
144.0661	1	T	20		
231.0981	2	S	19	2163.0564	1082.0321
328.1509	3	P	18	2076.0244	1038.5161
457.1935	4	E	17	1978.9716	989.9897
514.2149	5	G	16	1849.9290	925.4684
585.2520	6	A	15	1792.9076	896.9577
713.3106	7	Q	14	1721.8704	861.4391
827.3535	8	N	13	1593.8119	797.4098
989.5116	9	K	12	1479.7689	740.3884
1118.5542	10	E	11	1317.6108	659.3093
1231.6383	11	I	10	1188.5682	594.7880
1346.6652	12	D	9	1075.4842	538.2460
1506.6958	13	C	8	960.4572	480.7325
1619.7799	14	L	7	800.4266	400.7172
1706.8119	15	S	6	687.3426	344.1752
1803.8647	16	P	5	600.3105	300.6592
1932.9073	17	E	4	503.2578	252.1328
2003.9444	18	A	3	374.2152	187.6115
2132.0030	19	Q	2	303.1781	152.0930
	20	R	1	175.1195	88.0637

N-term:+43.02 K(9):+162.16
 C(13):+160.03

TSSYGHVLER, MH+ 1190.5806, m/z 595.7939
 H OS G25 P150811 220811-s1.03890.03890.2.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+

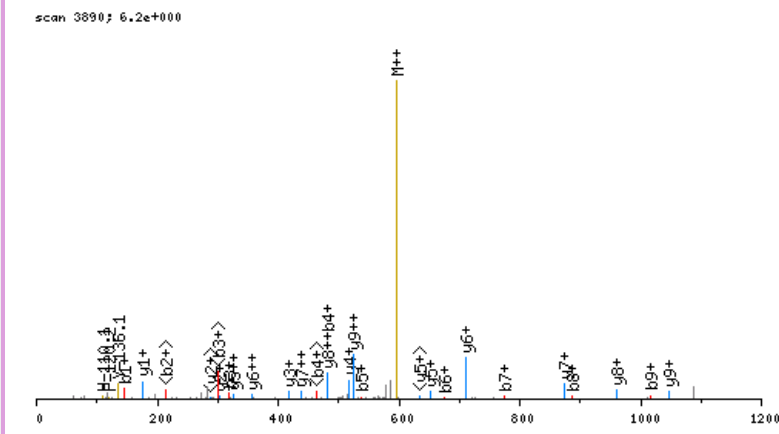
y + 2+ 3+

z + 2+ 3+

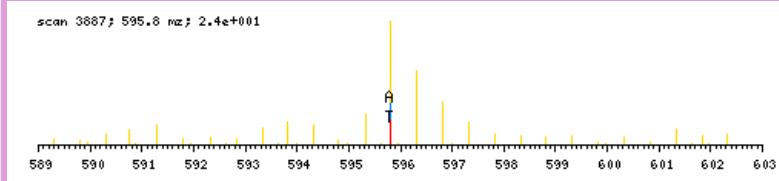
hide H₂O/NH₃

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⁺
144.0661	1	T	10	
231.0981	2	S	9	1047.5223 524.2651
318.1301	3	S	8	960.4903 480.7491
481.1935	4	Y	7	873.4583 437.2331
538.2149	5	G	6	710.3949 355.7014
675.2738	6	H	5	653.3735 327.1907
774.3423	7	V	4	516.3146 258.6612
887.4263	8	L	3	417.2462 209.1270
1016.4689	9	E	2	304.1621 152.5850
	10	R	1	175.1195 88.0637

N-term:+43.02

TTKDPESEHPSVTLFR, MH+ 1913.9609, m/z 638.6585
 H OS G26 P150811 220811-s1.04226.04226.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

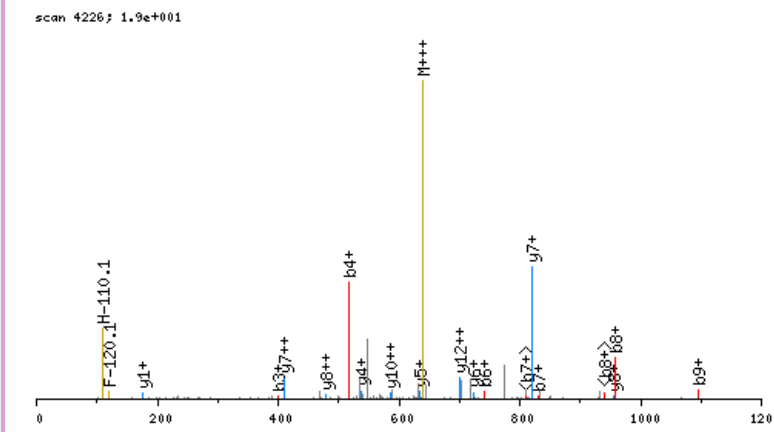
y + 2+ 3+

z + 2+ 3+

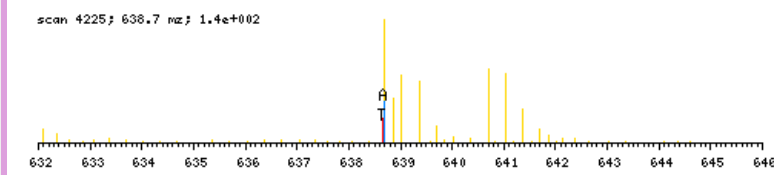
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
144.0661	1	T 16		
245.1138	2	T 15	1770.9027	885.9553
401.2401	3	K 14	1669.8550	835.4314
516.2670	4	D 13	1513.7287	757.3683
613.3198	5	P 12	1398.7018	699.8548
742.3624	6	E 11	1301.6490	651.3284
829.3944	7	S 10	1172.6064	586.8071
958.4370	8	E 9	1085.5744	543.2911
1095.4959	9	H 8	956.5318	478.7698
1192.5487	10	P 7	819.4729	410.2403
1279.5807	11	S 6	722.4201	361.7140
1378.6491	12	V 5	635.3881	318.1979
1479.6968	13	T 4	536.3197	268.6637
1592.7808	14	L 3	435.2720	218.1399
1739.8493	15	F 2	322.1879	161.5979
	16	R 1	175.1195	88.0637

N-term:+43.02 K(3):+156.13

TTQQIVLQGPWPWGER, MH+ 1826.9554, m/z 609.6566
H OS G29 P150811 220811-s1.06281.06281.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

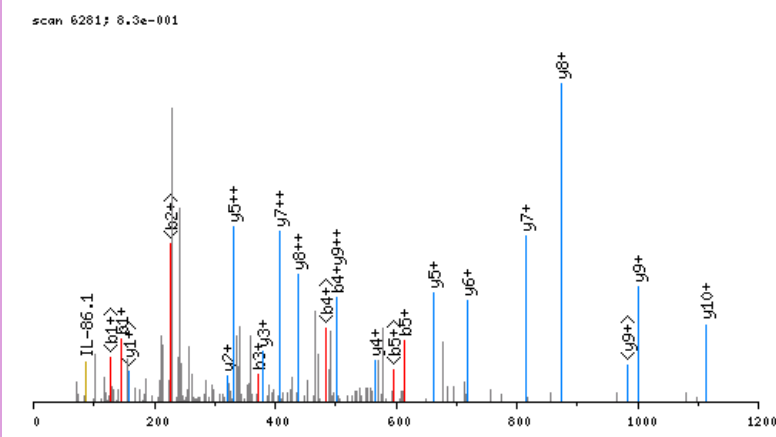
y + 2+ 3+

z + 2+ 3+

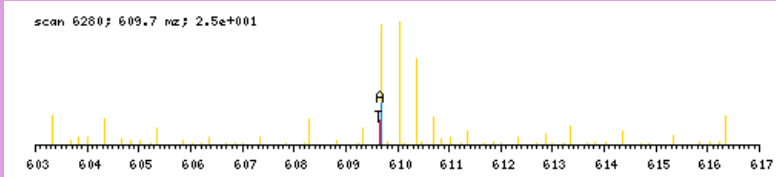
hide H₂O/NH₃

zoom 112-122

GO



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



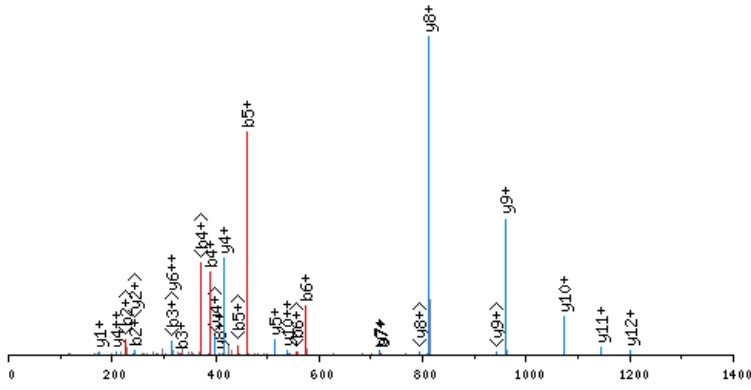
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0661	1	T 16		
245.1138	2	T 15	1683.8971	842.4525
373.1723	3	Q 14	1582.8494	791.9286
501.2309	4	Q 13	1454.7908	727.8993
614.3150	5	I 12	1326.7323	663.8700
713.3834	6	V 11	1213.6482	607.3280
826.4675	7	L 10	1114.5798	557.7938
954.5260	8	Q 9	1001.4957	501.2518
1011.5475	9	G 8	873.4371	437.2225
1108.6003	10	P 7	816.4157	408.7118
1165.6217	11	G 6	719.3629	360.1854
1262.6745	12	P 5	662.3415	331.6746
1448.7538	13	W 4	565.2887	283.1483
1505.7753	14	G 3	379.2094	190.1086
1652.8437	15	F 2	322.1879	161.5979
	16	R 1	175.1195	88.0637

N-term:+43.02

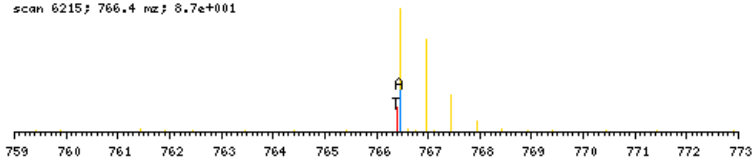
TTSGALFPSLVPGSR, MH+ 1531.8120, m/z 766.4097
 H OS G29 P150811 220811-s1.06216.06216.2.dta

scan 6216; 1.2e+001



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

scan 6215; 766.4 m/z; 8.7e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
144.0661	1	T	15		
245.1138	2	T	14	1388.7538	694.8808
332.1458	3	S	13	1287.7061	644.3570
389.1672	4	G	12	1200.6741	600.8410
460.2044	5	A	11	1143.6526	572.3302
573.2884	6	L	10	1072.6155	536.8117
720.3568	7	F	9	959.5314	480.2696
817.4096	8	P	8	812.4630	406.7354
904.4416	9	S	7	715.4103	358.2090
1017.5257	10	L	6	628.3782	314.6930
1116.5941	11	V	5	515.2942	258.1510
1213.6469	12	P	4	416.2258	208.6168
1270.6683	13	G	3	319.1730	160.0904
1357.7004	14	S	2	262.1515	131.5797
	15	R	1	175.1195	88.0637

N-term:+43.02

TTYLEFIQQNEER, MH+ 1712.8132, m/z 856.9102
 H OS G29 P150811 220811-s1.06286.06286.2.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+

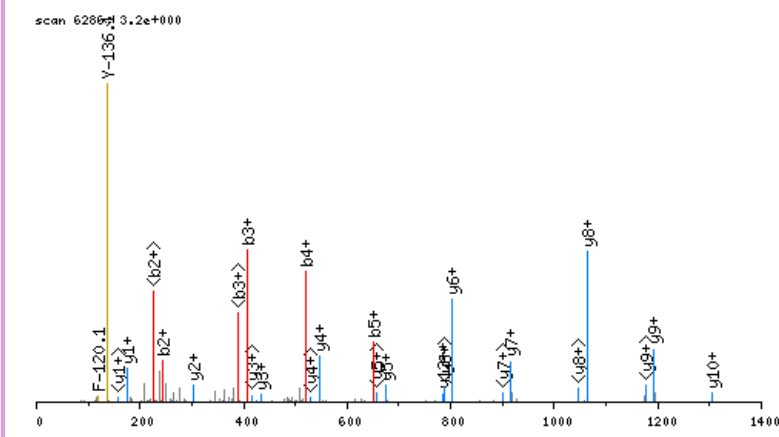
y + 2+ 3+

z + 2+ 3+

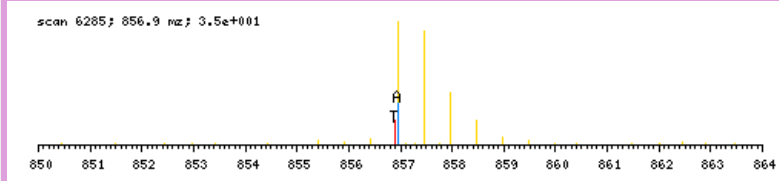
hide H₂O/NH₃

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⁺
144.0661	1	T 13		
245.1138	2	T 12	1569.7549	785.3814
408.1771	3	Y 11	1468.7072	734.8575
521.2611	4	L 10	1305.6439	653.3259
650.3037	5	E 9	1192.5598	596.7838
797.3722	6	F 8	1063.5172	532.2625
910.4562	7	I 7	916.4488	458.7283
1038.5148	8	Q 6	803.3648	402.1863
1166.5734	9	Q 5	675.3062	338.1570
1280.6163	10	N 4	547.2476	274.1277
1409.6589	11	E 3	433.2047	217.1063
1538.7015	12	E 2	304.1621	152.5850
	13	R 1	175.1195	88.0637

N-term:+43.02

TTYLVLEADR, MH+ 1337.6589, m/z 669.3331
 H OS G29 P150811 220811-s1.05777.05777.2.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+

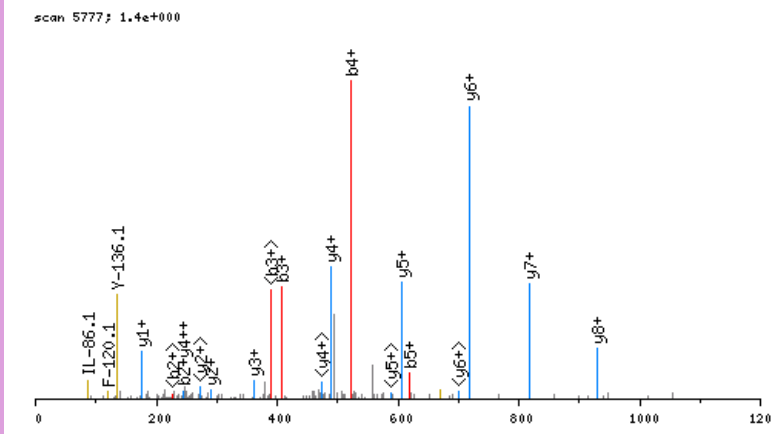
y + 2+ 3+

z + 2+ 3+

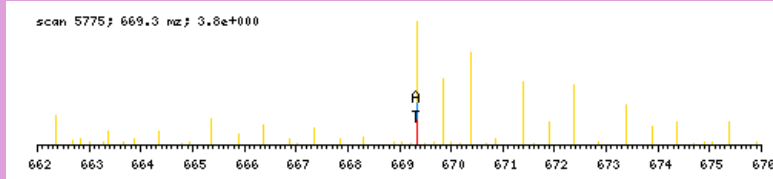
hide H₂O/NH₃

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⁺
144.0661	1	T 11		
245.1138	2	T 10	1194.6006	597.8042
408.1771	3	Y 9	1093.5530	547.2804
521.2611	4	L 8	930.4896	465.7487
620.3296	5	V 7	817.4056	409.2067
733.4136	6	L 6	718.3372	359.6725
848.4406	7	D 5	605.2531	303.1305
977.4832	8	E 4	490.2262	245.6170
1048.5203	9	A 3	361.1836	181.0957
1163.5472	10	D 2	290.1464	145.5771
	11	R 1	175.1195	88.0637

N-term:+43.02

TVKKIAIFGATGR, MH+ 1459.9001, m/z 487.3049
 H OS G26 P150811 220811-s1.04484.04484.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

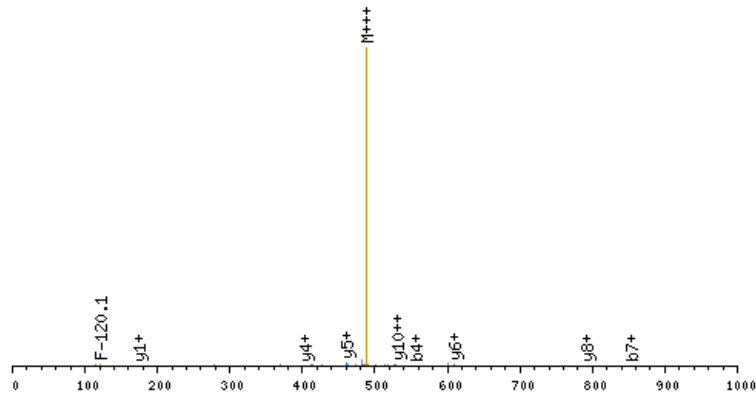
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

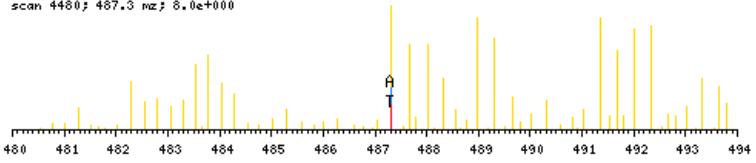
GO

scan 4484; 4.1e+001



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

scan 4480; 487.3 m/z; 8.0e+000



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

b ⁺	#	AA #	y ⁺	y ²⁺
144.0661	1	T 13		
243.1345	2	V 12	1316.8419	658.9249
399.2608	3	K 11	1217.7735	609.3907
555.3871	4	K 10	1061.6472	531.3275
668.4712	5	I 9	905.5209	453.2644
739.5083	6	A 8	792.4368	396.7223
852.5923	7	I 7	721.3997	361.2038
999.6607	8	F 6	608.3156	304.6617
1056.6822	9	G 5	461.2472	231.1275
1127.7193	10	A 4	404.2258	202.6168
1228.7670	11	T 3	333.1886	167.0982
1285.7885	12	G 2	232.1410	116.5744
	13	R 1	175.1195	88.0637

N-term:+43.02 K(3):+156.13
 K(4):+156.13

TVLSGGSTMYPGIADR, MH+ 1666.8111, m/z 556.2752
 H OS G25 P150811 220811-s1.05920.05920.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

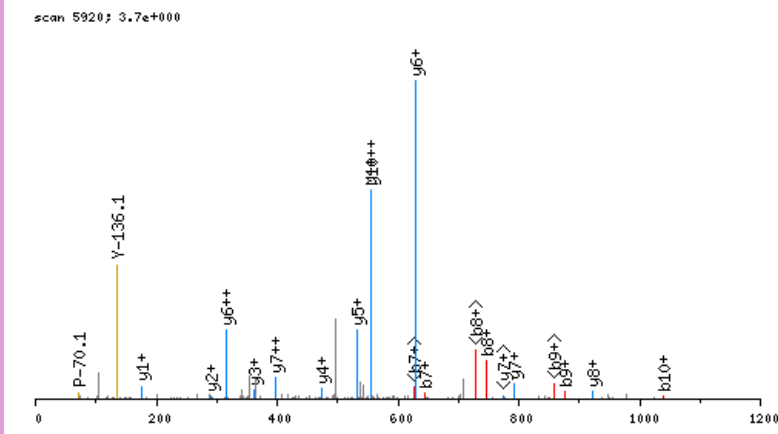
y + 2+ 3+

z + 2+ 3+

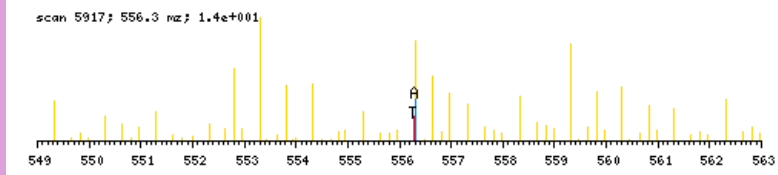
hide H₂O/NH₃

zoom 112-122

GO



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



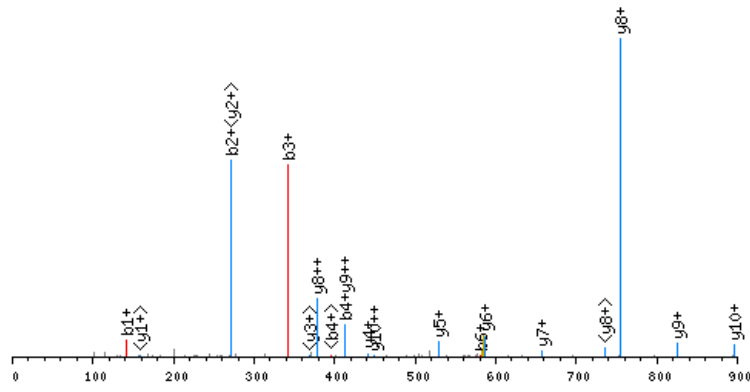
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0661	1	T 16		
243.1345	2	V 15	1523.7528	762.3803
356.2186	3	L 14	1424.6844	712.8461
443.2506	4	S 13	1311.6003	656.3041
500.2720	5	G 12	1224.5683	612.7881
557.2935	6	G 11	1167.5468	584.2773
644.3255	7	S 10	1110.5254	555.7666
745.3732	8	T 9	1023.4933	512.2506
876.4137	9	M 8	922.4457	461.7267
1039.4770	10	Y 7	791.4052	396.2065
1136.5298	11	P 6	628.3418	314.6748
1193.5513	12	G 5	531.2891	266.1485
1306.6353	13	I 4	474.2676	237.6377
1377.6724	14	A 3	361.1836	181.0957
1492.6994	15	D 2	290.1464	145.5771
	16	R 1	175.1195	88.0637

N-term:+43.02

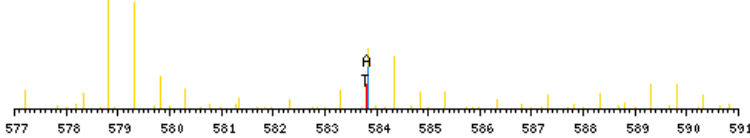
VEAAPAGSGPLR, MH+ 1166.6170, m/z 583.8121
 H OS G29 P150811 220811-s1.03549.03549.2.dta

scan 3549; 3.4e+000



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

scan 3545; 583.8 m/z; 7.8e+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

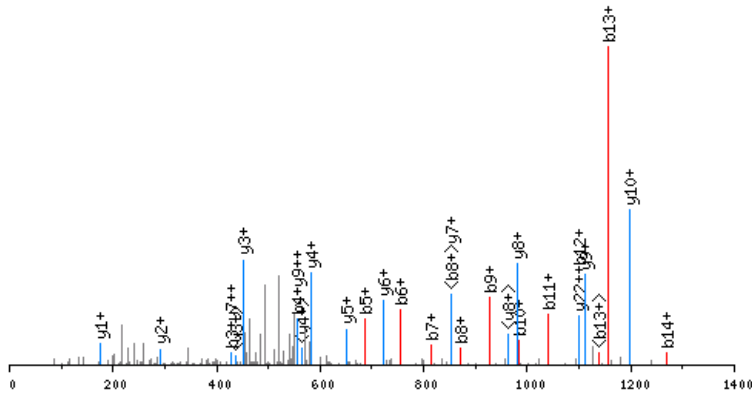
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
142.0868	1	V	12		
271.1294	2	E	11	1025.5380	513.2729
342.1665	3	A	10	896.4954	448.7516
413.2036	4	A	9	825.4583	413.2331
510.2564	5	P	8	754.4212	377.7145
581.2935	6	A	7	657.3684	329.1881
638.3150	7	G	6	586.3313	293.6696
725.3470	8	S	5	529.3098	265.1588
782.3685	9	G	4	442.2778	221.6428
879.4212	10	P	3	385.2563	193.1321
992.5053	11	L	2	288.2036	144.6057
	12	R	1	175.1195	88.0637

N-term:+43.02

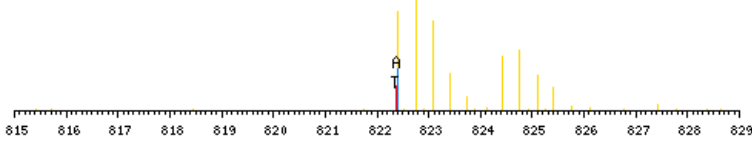
VEKEEAGGGGGGISEEEAAQYDR, MH+ 2465.1069, m/z 822.3738
 H OS G24 P150811 220811-s1.03215.03215.3.dta

scan 3215; 2.0e+000



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

scan 3212; 822.4 m/z; 6.2e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

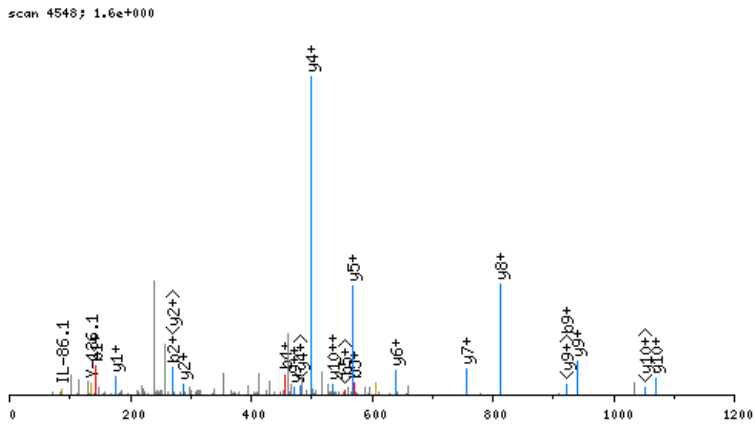
zoom 112-122

GO

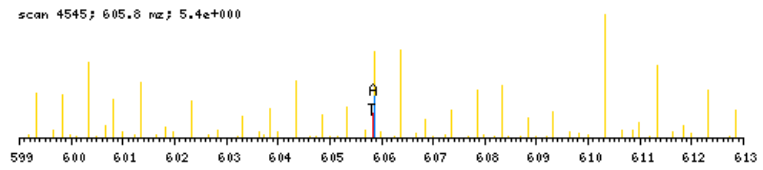
b ⁺	#	AA	#	y ⁺	y ²⁺
142.0868	1	V	24		
271.1294	2	E	23	2324.0279	1162.5179
427.2557	3	K	22	2194.9853	1097.9966
556.2983	4	E	21	2038.8590	1019.9334
685.3409	5	E	20	1909.8164	955.4121
756.3780	6	A	19	1780.7738	890.8908
813.3995	7	G	18	1709.7367	855.3723
870.4209	8	G	17	1652.7152	826.8615
927.4424	9	G	16	1595.6938	798.3508
984.4639	10	G	15	1538.6723	769.8401
1041.4853	11	G	14	1481.6508	741.3293
1098.5068	12	G	13	1424.6294	712.8186
1155.5283	13	G	12	1367.6079	684.3079
1268.6123	14	I	11	1310.5864	655.7971
1355.6443	15	S	10	1197.5024	599.2551
1484.6869	16	E	9	1110.4704	555.7391
1613.7295	17	E	8	981.4278	491.2178
1742.7721	18	E	7	852.3852	426.6965
1813.8092	19	A	6	723.3426	362.1752
1884.8464	20	A	5	652.3055	326.6566
2012.9049	21	Q	4	581.2683	291.1381
2175.9683	22	Y	3	453.2098	227.1088
2290.9952	23	D	2	290.1464	145.5771
	24	R	1	175.1195	88.0637

N-term:+43.02 K(3):+156.13

VEQGDAAPLLR, MH+ 1210.6432, m/z 605.8252
 H OS G29 P150811 220811-s1.04548.04548.2.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

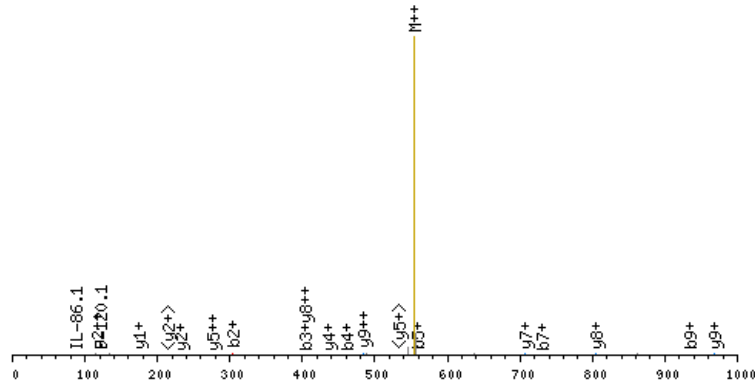
- X-range: -
- MassTol: Y-zoom:
- MassType: AVG MONO
- Axis: 1 2
- Label: I M -
- Ions:
- a + 2+ 3+
- b + 2+ 3+
- c + 2+ 3+
- x + 2+ 3+
- y + 2+ 3+
- z + 2+ 3+
- hide H₂O/NH₃
- zoom 112-122
-

b ⁺	#	AA #	y ⁺	y ²⁺
142.0868	1	V 11		
271.1294	2	E 10	1069.5642	535.2860
399.1880	3	Q 9	940.5216	470.7647
456.2094	4	G 8	812.4630	406.7354
571.2364	5	D 7	755.4416	378.2247
642.2735	6	A 6	640.4146	320.7112
713.3106	7	A 5	569.3775	285.1927
810.3634	8	P 4	498.3404	249.6741
923.4474	9	L 3	401.2876	201.1477
1036.5315	10	L 2	288.2036	144.6057
	11	R 1	175.1195	88.0637

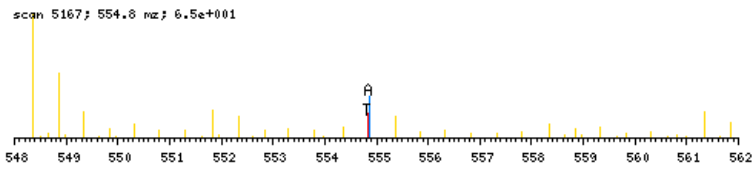
N-term:+43.02

VKVGVNGFGR, MH+ 1108.6692, m/z 554.8382
 H OS G25 P150811 220811-s1.05169.05169.2.dta

scan 5169; 3.8e+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⁺
142.0868	1	V	10		
304.2449	2	K	9	967.5902	484.2990
403.3133	3	V	8	805.4321	403.2199
460.3348	4	G	7	706.3636	353.6857
559.4032	5	V	6	649.3422	325.1750
673.4461	6	N	5	550.2738	275.6408
730.4676	7	G	4	436.2308	218.6193
877.5360	8	F	3	379.2094	190.1086
934.5575	9	G	2	232.1410	116.5744
	10	R	1	175.1195	88.0637

N-term:+43.02 K(2):+162.16

VPSQEPPAAER, MH+ 1254.5966, m/z 627.8020
 H OS G29 P150811 220811-s1.03223.03223.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

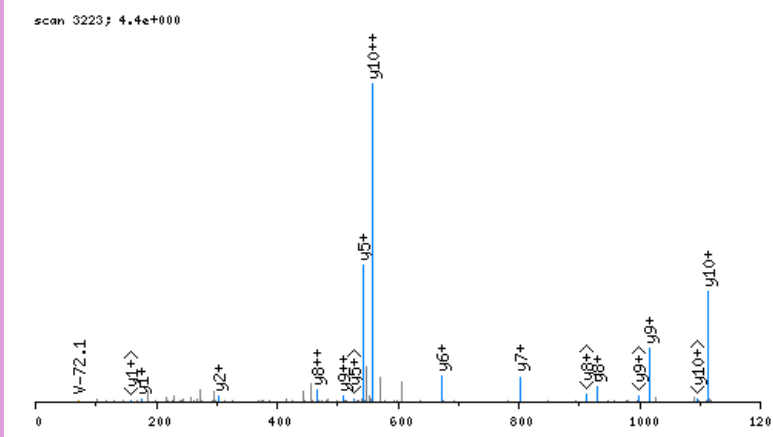
y + 2+ 3+

z + 2+ 3+

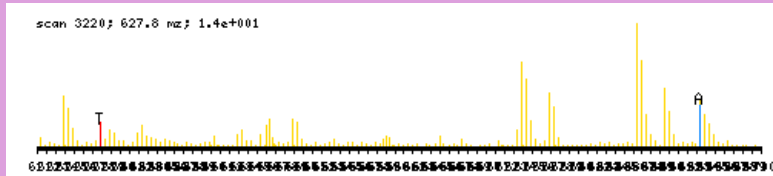
hide H₂O/NH₃

zoom 112-122

GO



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



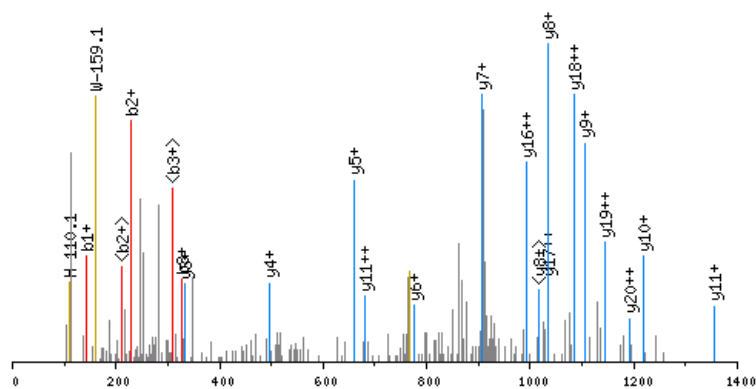
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.0868	1	V	11	
239.1396	2	P	10	1113.5176 557.2627
326.1716	3	S	9	1016.4649 508.7364
454.2302	4	Q	8	929.4328 465.2203
583.2728	5	E	7	801.3743 401.1910
712.3154	6	E	6	672.3317 336.6698
809.3681	7	P	5	543.2891 272.1485
880.4052	8	A	4	446.2363 223.6221
951.4424	9	A	3	375.1992 188.1035
1080.4850	10	E	2	304.1621 152.5850
	11	R	1	175.1195 88.0637

N-term:+43.02

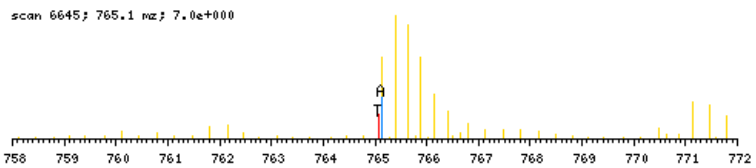
VSMNPTVDTSHEDMIHDAQMDYYGTR, MH+ 3057.3029, m/z 765.0812
 H OS G26 P150811 220811-s1.06647.06647.4.dta

scan 6647; 4.7e-001



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

scan 6645; 765.1 m/z; 7.0e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
142.0868	1	V 26		
229.1188	2	S 25	2916.2239	1458.6158
328.1873	3	V 24	2829.1918	1415.0998
459.2277	4	M 23	2730.1234	1365.5656
573.2707	5	N 22	2599.0829	1300.0454
674.3183	6	T 21	2485.0400	1243.0239
773.3868	7	V 20	2383.9923	1192.5001
888.4137	8	D 19	2284.9239	1142.9659
989.4614	9	T 18	2169.8970	1085.4524
1076.4934	10	S 17	2068.8493	1034.9286
1213.5523	11	H 16	1981.8173	991.4125
1342.5949	12	E 15	1844.7584	922.8831
1457.6219	13	D 14	1715.7158	858.3618
1588.6623	14	M 13	1600.6888	800.8483
1701.7464	15	I 12	1469.6483	735.3281
1838.8053	16	H 11	1356.5643	678.7860
1953.8323	17	D 10	1219.5054	610.2566
2024.8694	18	A 9	1104.4784	552.7431
2152.9280	19	Q 8	1033.4413	517.2246
2283.9684	20	M 7	905.3827	453.1953
2398.9954	21	D 6	774.3422	387.6750
2562.0587	22	Y 5	659.3153	330.1616
2725.1220	23	Y 4	496.2520	248.6299
2782.1435	24	G 3	333.1886	167.0982
2883.1912	25	T 2	276.1672	138.5875
	26	R 1	175.1195	88.0637

N-term:+43.02

VVFDDTYDR, MH+ 1171.5272, m/z 586.2672
 H OS G24 P150811 220811-s1.04519.04519.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

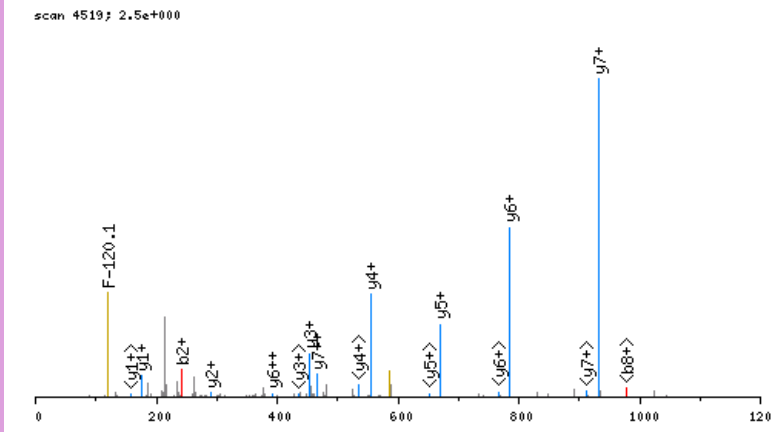
y + 2+ 3+

z + 2+ 3+

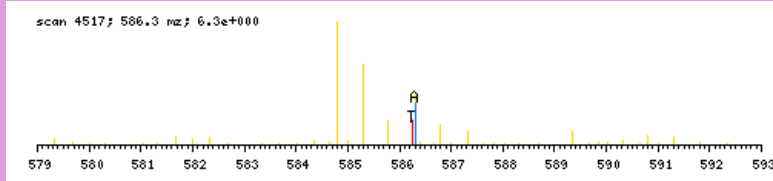
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
142.0868	1	V 9		
241.1552	2	V 8	1030.4482	515.7280
388.2236	3	F 7	931.3798	466.1938
503.2506	4	D 6	784.3113	392.6596
618.2775	5	D 5	669.2844	335.1461
719.3252	6	T 4	554.2575	277.6326
882.3885	7	Y 3	453.2098	227.1088
997.4155	8	D 2	290.1464	145.5771
	9	R 1	175.1195	88.0637

N-term:+43.02

WGKVNNSDEVGGEALGR, MH+ 1743.8666, m/z 581.9604
 H OS G27 P150811 220811-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+

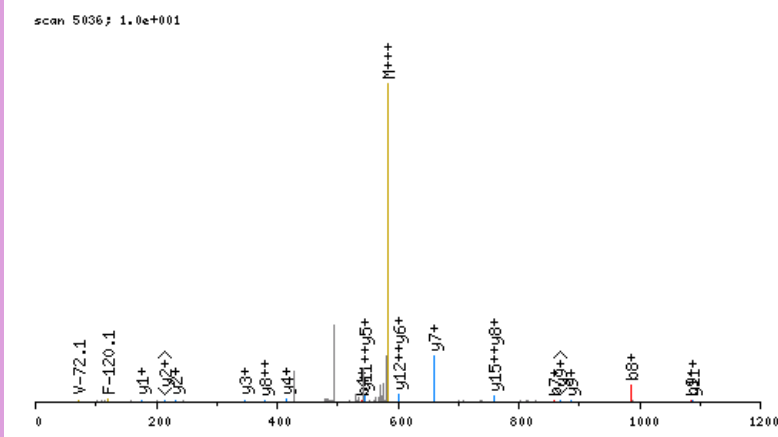
y + 2+ 3+

z + 2+ 3+

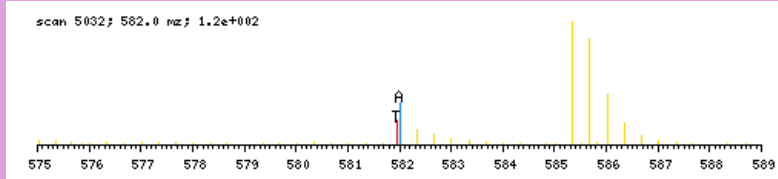
hide H₂O/NH₃

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⁺
229.0977	1	W 16		
286.1192	2	G 15	1515.7767	758.3923
442.2455	3	K 14	1458.7553	729.8816
541.3139	4	V 13	1302.6290	651.8184
655.3568	5	N 12	1203.5606	602.2842
742.3888	6	S 11	1089.5176	545.2627
857.4158	7	D 10	1002.4856	501.7467
986.4584	8	E 9	887.4587	444.2332
1085.5268	9	V 8	758.4161	379.7120
1142.5483	10	G 7	659.3477	330.1777
1199.5697	11	G 6	602.3262	301.6670
1328.6123	12	E 5	545.3047	273.1563
1399.6494	13	A 4	416.2621	208.6350
1512.7335	14	L 3	345.2250	173.1164
1569.7550	15	G 2	232.1410	116.5744
	16	R 1	175.1195	88.0637

N-term:+43.02 K(3):+156.13

WITKQYDEAGPSIVHR, MH+ 2099.0562, m/z 525.5195
 H OS G28 P150811 220811-s1.04654.04654.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

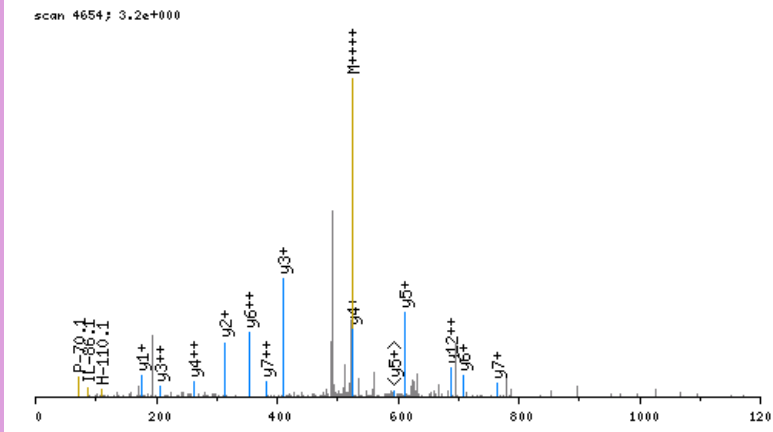
y + 2+ 3+

z + 2+ 3+

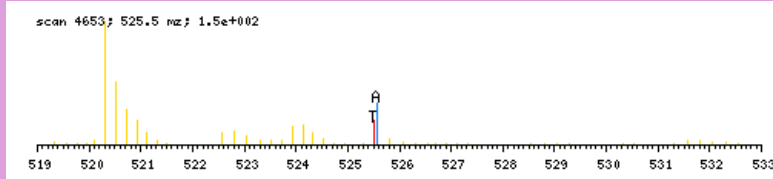
hide H₂O/NH₃

zoom 112-122

GO



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



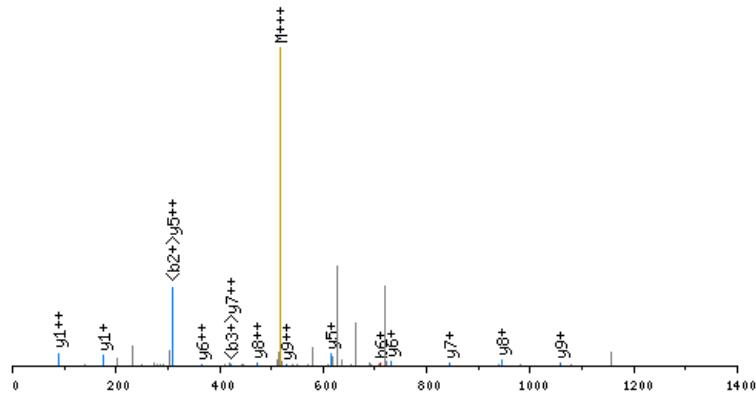
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
229.0977	1	W 17		
342.1818	2	I 16	1870.9663	935.9871
443.2295	3	T 15	1757.8823	879.4450
599.3558	4	K 14	1656.8346	828.9212
727.4143	5	Q 13	1500.7083	750.8581
856.4569	6	E 12	1372.6497	686.8288
1019.5203	7	Y 11	1243.6071	622.3075
1134.5472	8	D 10	1080.5438	540.7758
1263.5898	9	E 9	965.5169	483.2623
1334.6269	10	A 8	836.4743	418.7410
1391.6484	11	G 7	765.4371	383.2225
1488.7011	12	P 6	708.4157	354.7118
1575.7332	13	S 5	611.3629	306.1854
1688.8172	14	I 4	524.3309	262.6694
1787.8856	15	V 3	411.2468	206.1273
1924.9446	16	H 2	312.1784	156.5931
	17	R 1	175.1195	88.0637

N-term:+43.02 K(4):+156.13

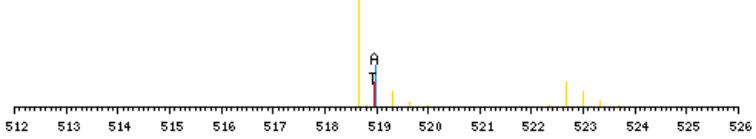
WPNGITLDDLSSQR, MH+ 1554.8280, m/z 518.9475
 H OS G26 P150811 220811-s1.04431.04431.3.dta

scan 4431; 3.5e+001



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

scan 4430; 518.9 m/z; 1.4e+003



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
229.0977	1	W 13		
326.1505	2	P 12	1326.7381	663.8730
440.1934	3	N 11	1229.6854	615.3466
497.2149	4	G 10	1115.6424	558.3251
610.2989	5	I 9	1058.6210	529.8144
711.3466	6	T 8	945.5369	473.2724
824.4307	7	L 7	844.4892	422.7485
939.4576	8	D 6	731.4052	366.2065
1052.5417	9	L 5	616.3782	308.6930
1165.6257	10	L 4	503.2942	252.1510
1252.6578	11	S 3	390.2101	195.6090
1380.7164	12	Q 2	303.1781	152.0930
	13	R 1	175.1195	88.0637

N-term:+43.02

YTQKAPQVSTPTLVEAAR, MH+ 2030.0923, m/z 677.3689
 H OS G26 P150811 220811-s1.03797.03797.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

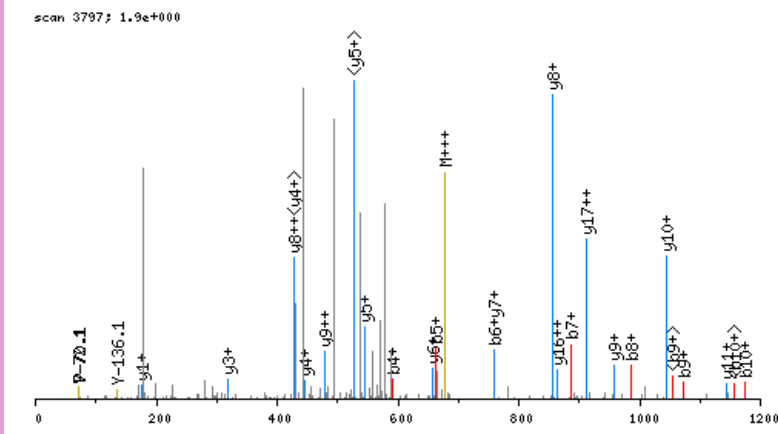
y + 2+ 3+

z + 2+ 3+

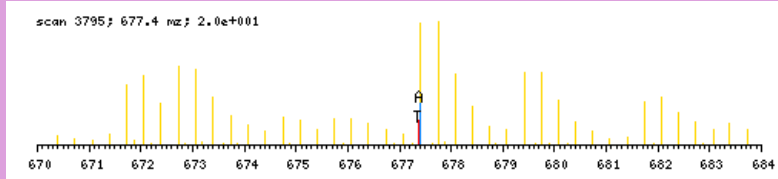
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
206.0817	1	Y	18		
307.1294	2	T	17	1825.0184	913.0131
435.1880	3	Q	16	1723.9707	862.4893
591.3143	4	K	15	1595.9121	798.4600
662.3514	5	A	14	1439.7858	720.3968
759.4042	6	P	13	1368.7487	684.8783
887.4627	7	Q	12	1271.6959	636.3519
986.5312	8	V	11	1143.6374	572.3226
1073.5632	9	S	10	1044.5689	522.7884
1174.6109	10	T	9	957.5369	479.2724
1271.6636	11	P	8	856.4892	428.7485
1372.7113	12	T	7	759.4365	380.2222
1485.7954	13	L	6	658.3888	329.6983
1584.8638	14	V	5	545.3047	273.1563
1713.9064	15	E	4	446.2363	223.6221
1784.9435	16	A	3	317.1937	159.1008
1855.9806	17	A	2	246.1566	123.5822
	18	R	1	175.1195	88.0637

N-term:+43.02 K(4):+156.13