

AAAAAAAAAAGAAGGR, MH+ 1240.6398, m/z 620.8236
 L OSG41 P180811 230811-s1.05205.05205.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

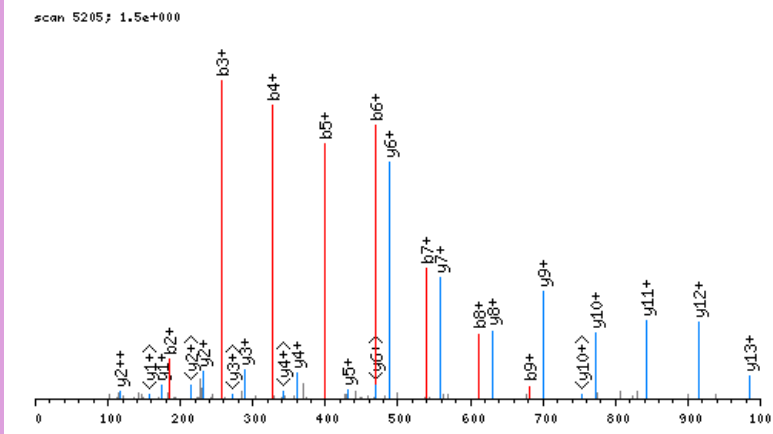
y + 2+ 3+

z + 2+ 3+

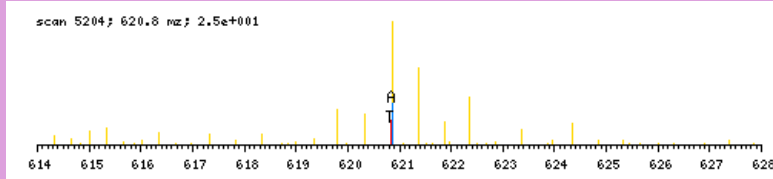
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

AAAAAAAAAGAAGGR, MH+ 1169.6027, m/z 585.3050
 L OSG41 P180811 230811-s1.04705.04705.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

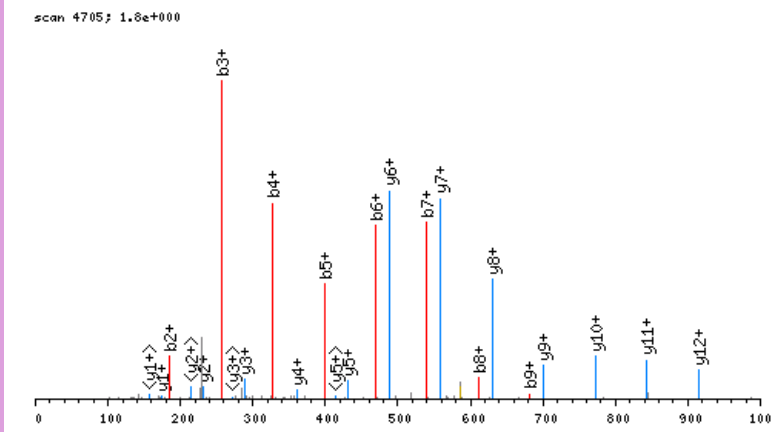
y + 2+ 3+

z + 2+ 3+

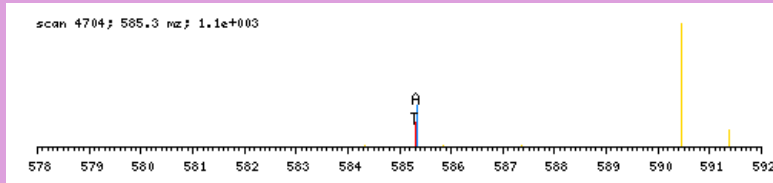
hide H₂O/NH₃

zoom 112-122

GO



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

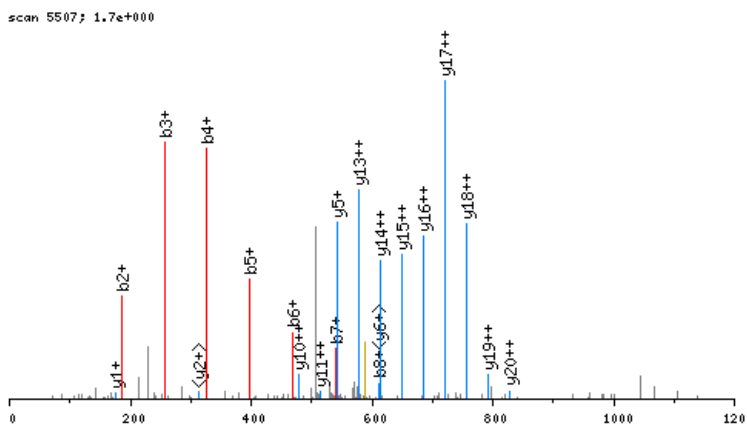


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

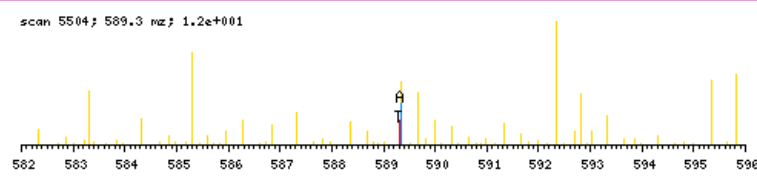
b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	15		
185.0926	2	A	14	1056.5550	528.7814
256.1297	3	A	13	985.5179	493.2629
327.1669	4	A	12	914.4808	457.7443
398.2040	5	A	11	843.4437	422.2258
469.2411	6	A	10	772.4066	386.7072
540.2782	7	A	9	701.3695	351.1886
611.3153	8	A	8	630.3323	315.6701
682.3524	9	A	7	559.2952	280.1515
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
 L OSG37 P180811 230811-s1.05507.05507.3.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

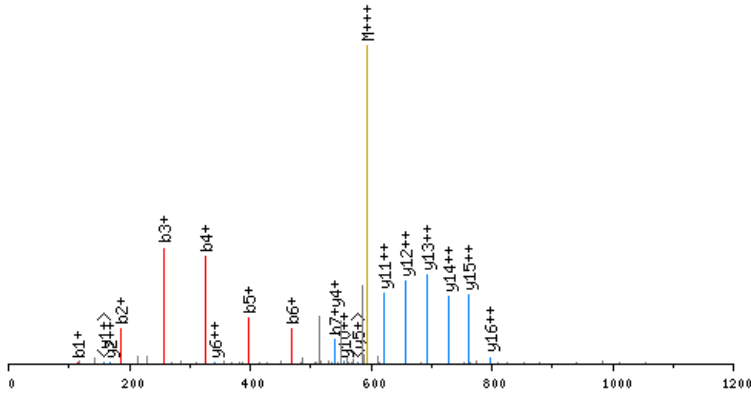
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	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

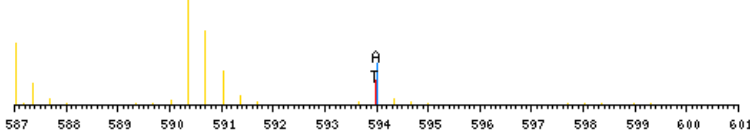
AAAAAAAAEPYPASGTTKR, MH+ 1779.9454, m/z 593.9866
 L OSG37 P180811 230811-s1.05700.05700.3.dta

scan 5700; 1.3e+001



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

scan 5699; 594.0 m/z; 5.0e+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 18		
185.0926	2	A 17	1666.8977	833.9528
256.1297	3	A 16	1595.8606	798.4342
327.1669	4	A 15	1524.8235	762.9156
398.2040	5	A 14	1453.7864	727.3971
469.2411	6	A 13	1382.7492	691.8785
540.2782	7	A 12	1311.7121	656.3600
669.3208	8	E 11	1240.6750	620.8414
766.3736	9	P 10	1111.6324	556.3201
929.4369	10	Y 9	1014.5797	507.7937
1026.4896	11	P 8	851.5163	426.2621
1097.5268	12	A 7	754.4636	377.7357
1184.5588	13	S 6	683.4264	342.2171
1241.5803	14	G 5	596.3944	298.7011
1342.6279	15	T 4	539.3730	270.1904
1443.6756	16	T 3	438.3253	219.6666
1605.8337	17	K 2	337.2776	169.1427
	18	R 1	175.1195	88.0637

N-term:+43.02 K(17):+162.16

AAAAAAPGGGGGEPR, MH+ 1251.6082, m/z 626.3077
 L OSG41 P180811 230811-s1.02481.02481.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

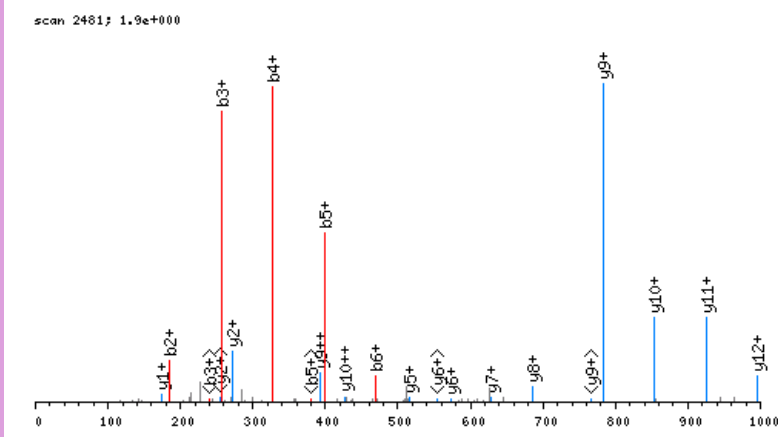
y + 2+ 3+

z + 2+ 3+

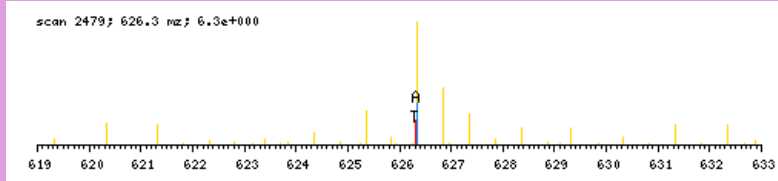
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	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

AAAAAAGVAGAGR, MH+ 998.5383, m/z 499.7728
 L OSG41 P180811 230811-s1.04096.04096.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

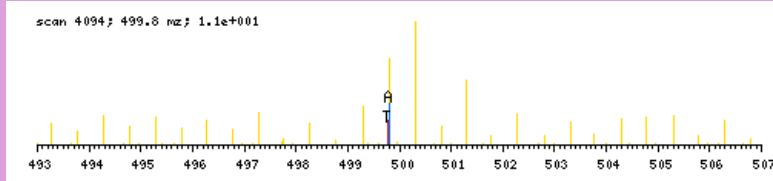
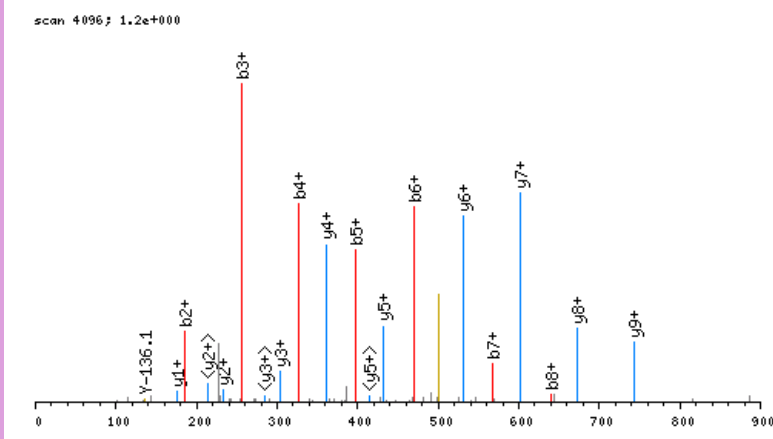
y + 2+ 3+

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	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
 L OSG41 P180811 230811-s1.02221.02221.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

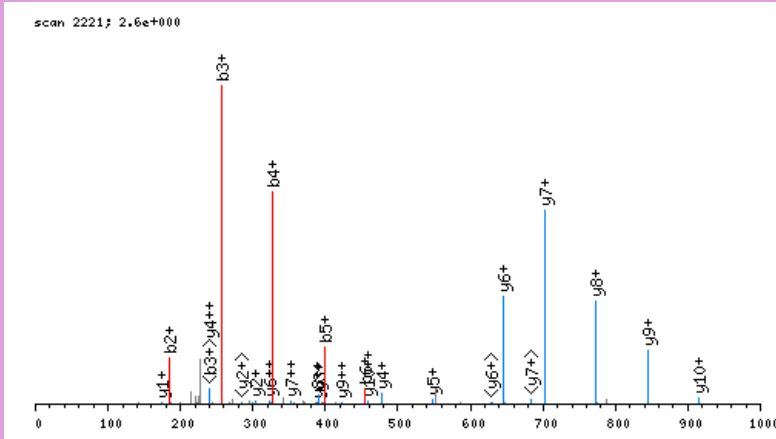
y + 2+ 3+

z + 2+ 3+

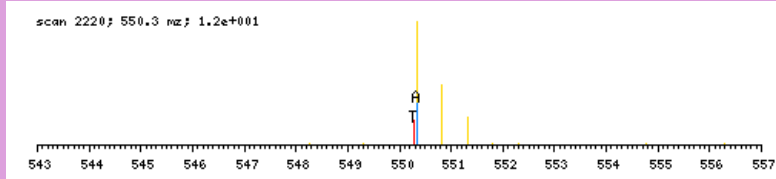
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	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

AAAAAGPEMVR, MH+ 1085.5414, m/z 543.2743
 L OSG41 P180811 230811-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+

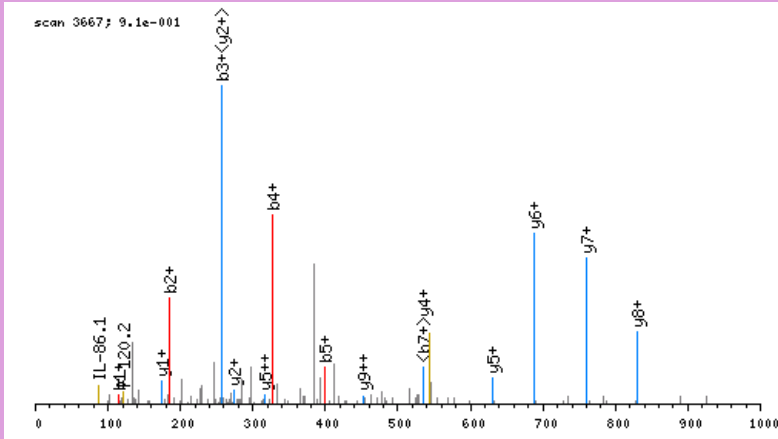
y + 2+ 3+

z + 2+ 3+

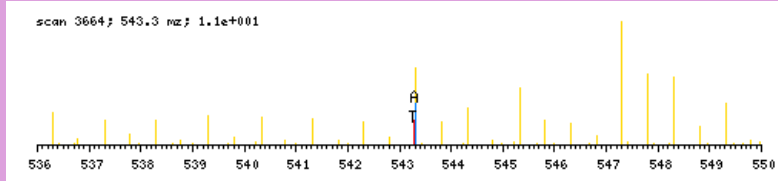
hide H₂O/NH₃

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	11		
185.0926	2	A	10	972.4937	486.7508
256.1297	3	A	9	901.4566	451.2322
327.1669	4	A	8	830.4194	415.7136
398.2040	5	A	7	759.3823	380.1951
455.2254	6	G	6	688.3452	344.6765
552.2782	7	P	5	631.3238	316.1658
681.3208	8	E	4	534.2710	267.6394
812.3613	9	M	3	405.2284	203.1181
911.4297	10	V	2	274.1879	137.5979
	11	R	1	175.1195	88.0637

N-term:+43.02

AAAAASGAGGVAVAGAGGAGPAGR, MH+ 1836.9317, m/z 612.9821
 L OSG41 P180811 230811-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+

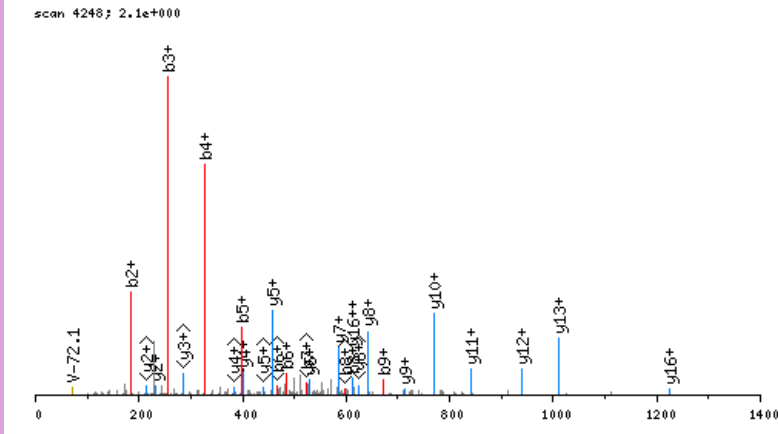
y + 2+ 3+

z + 2+ 3+

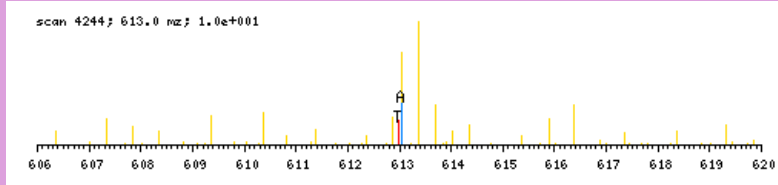
hide H₂O/NH₃

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 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

AAAAATAATKNGGGSGR, MH+ 1564.8256, m/z 522.2801
 L OSG37 P180811 230811-s1.02615.02615.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

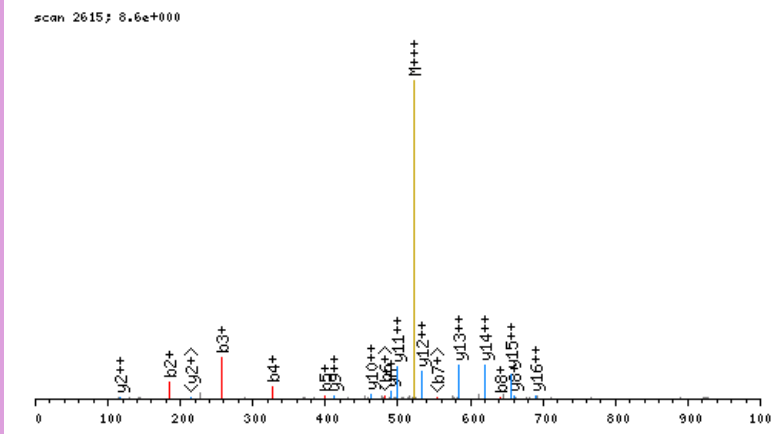
y + 2+ 3+

z + 2+ 3+

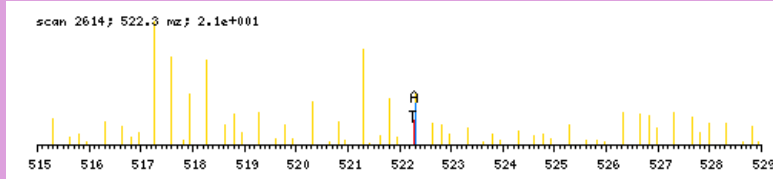
hide H₂O/NH₃

zoom 112-122

GO



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

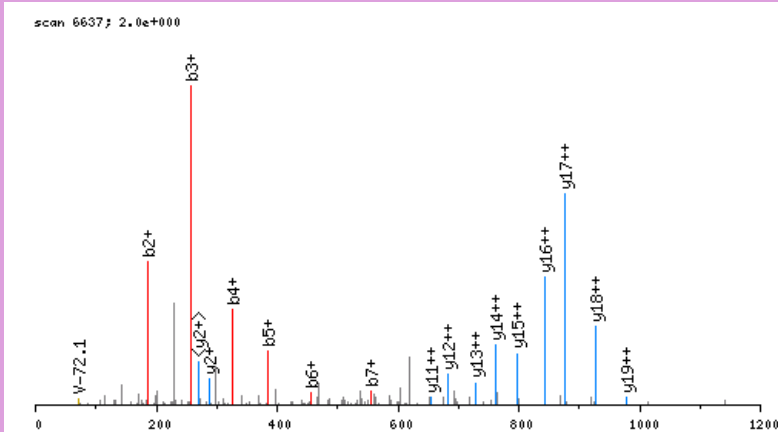


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

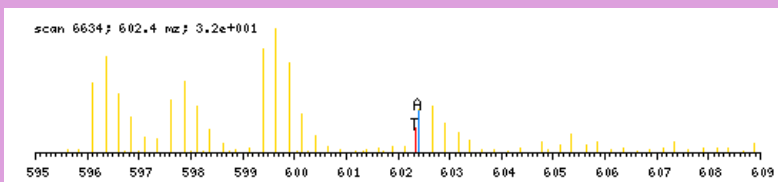
b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 18		
185.0926	2	A 17	1451.7779	726.3929
256.1297	3	A 16	1380.7408	690.8743
327.1669	4	A 15	1309.7037	655.3558
398.2040	5	A 14	1238.6666	619.8372
499.2516	6	T 13	1167.6295	584.3186
570.2888	7	A 12	1066.5818	533.7948
641.3259	8	A 11	995.5447	498.2762
742.3736	9	T 10	924.5076	462.7577
904.5317	10	K 9	823.4599	412.2339
961.5531	11	G 8	661.3018	331.1548
1075.5960	12	N 7	604.2803	302.6441
1132.6175	13	G 6	490.2374	245.6226
1189.6390	14	G 5	433.2159	217.1119
1246.6604	15	G 4	376.1945	188.6011
1333.6925	16	S 3	319.1730	160.0904
1390.7139	17	G 2	232.1410	116.5744
	18	R 1	175.1195	88.0637

N-term:+43.02 K(10):+162.16

AAAAGAVVASAASGPAEGKKITELR, MH+ 2406.3993, m/z 602.3553
 L OSG38 P180811 230811-s1.06637.06637.4.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⁺
114.0555	1	A 25		
185.0926	2	A 24	2293.3516	1147.1797
256.1297	3	A 23	2222.3145	1111.6612
327.1669	4	A 22	2151.2774	1076.1426
384.1883	5	G 21	2080.2403	1040.6241
455.2254	6	A 20	2023.2188	1012.1133
554.2938	7	V 19	1952.1817	976.5948
653.3623	8	V 18	1853.1133	927.0606
724.3994	9	A 17	1754.0449	877.5264
811.4314	10	S 16	1683.0078	842.0078
882.4685	11	A 15	1595.9758	798.4918
953.5056	12	A 14	1524.9386	762.9732
1040.5377	13	S 13	1453.9015	727.4547
1097.5591	14	G 12	1366.8695	683.9387
1194.6119	15	P 11	1309.8480	655.4279
1265.6490	16	A 10	1212.7953	606.9015
1394.6916	17	E 9	1141.7582	571.3830
1451.7131	18	G 8	1012.7156	506.8617
1613.8712	19	K 7	955.6941	478.3510
1776.0293	20	K 6	793.5360	397.2719
1889.1133	21	I 5	631.3779	316.1929
1990.1610	22	T 4	518.2938	259.6508
2119.2036	23	E 3	417.2462	209.1270
2232.2877	24	L 2	288.2036	144.6057
	25	R 1	175.1195	88.0637

N-term:+43.02 K(19) :+162.16
 K(20) :+162.16

X-range:

0 - 0

MassTol: Y-zoom:

0. 1.

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

AAAAVVEFOR, MH+ 1103.5849, m/z 552.2961
 L OSG41 P180811 230811-s1.05460.05460.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

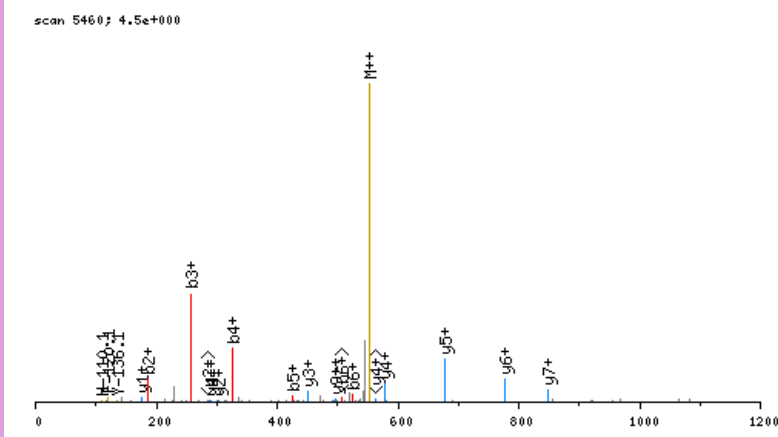
y + 2+ 3+

z + 2+ 3+

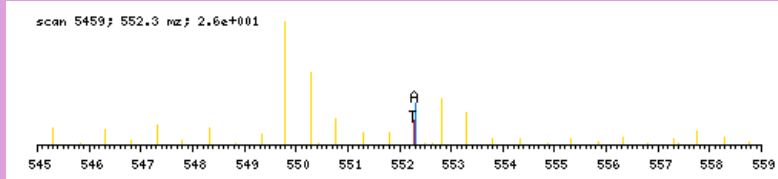
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
256.1297	3	A	8	460.2540
327.1669	4	A	7	424.7354
426.2353	5	V	6	389.2169
525.3037	6	V	5	339.6827
654.3463	7	E	4	290.1485
801.4147	8	F	3	225.6272
929.4733	9	Q	2	152.0930
	10	R	1	88.0637

N-term: +43.02

AAAEEGCGVGVEDDR, MH+ 1576.6549, m/z 788.8311
 L OSG41 P180811 230811-s1.03237.03237.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

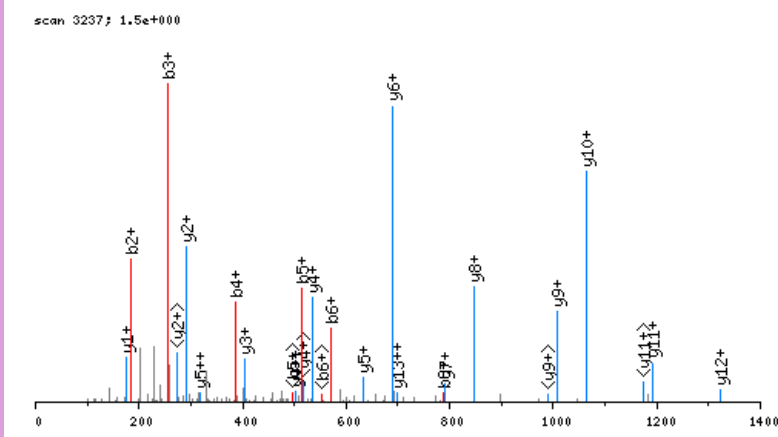
y + 2+ 3+

z + 2+ 3+

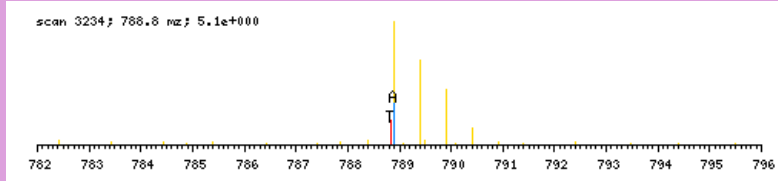
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

AAAGGGAAAAAGR, MH+ 1013.5128, m/z 507.2601
 L OSG41 P180811 230811-s1.02249.02249.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

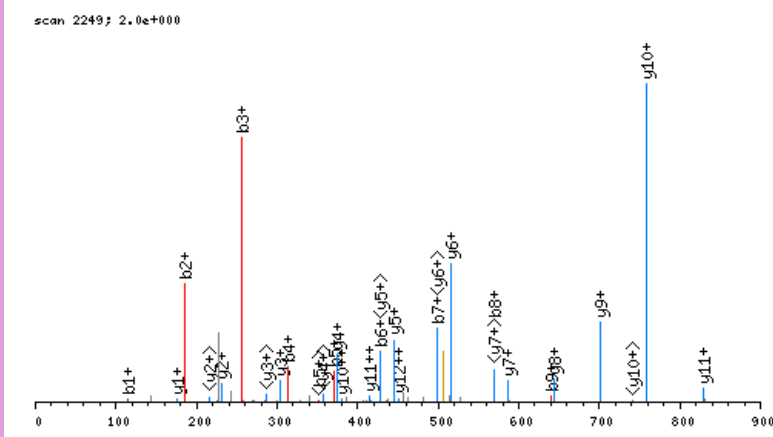
y + 2+ 3+

z + 2+ 3+

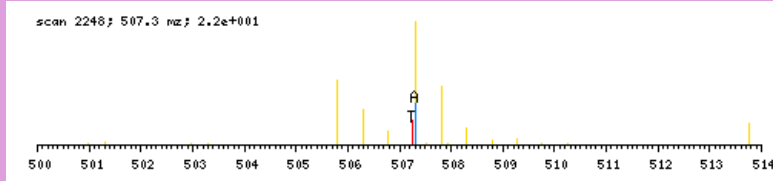
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	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
 L OSG41 P180811 230811-s1.03835.03835.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

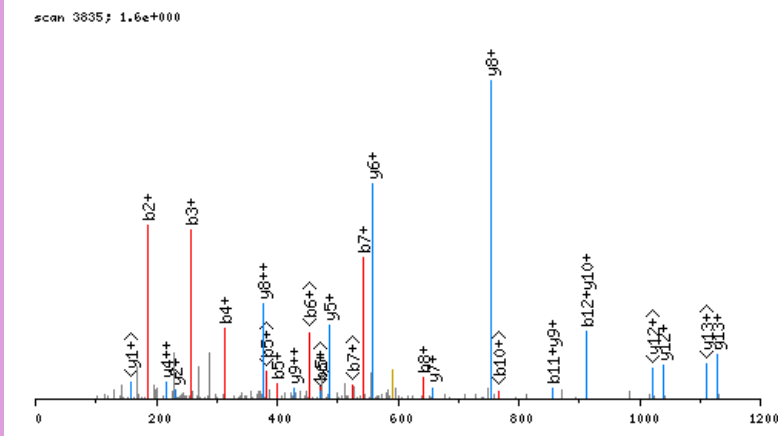
y + 2+ 3+

z + 2+ 3+

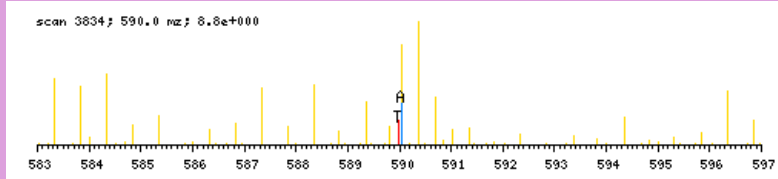
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG37 P180811 230811-s1.03023.03023.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

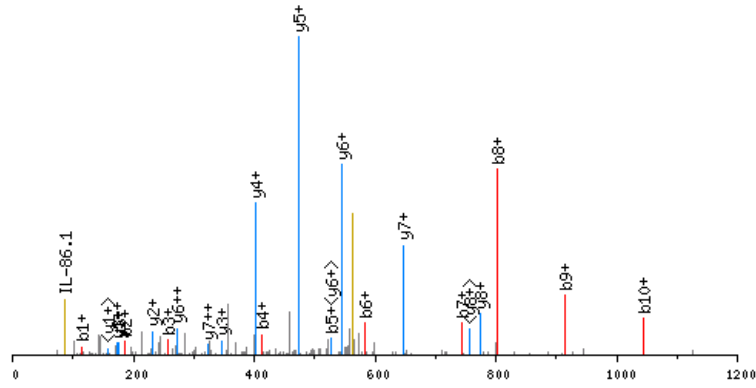
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

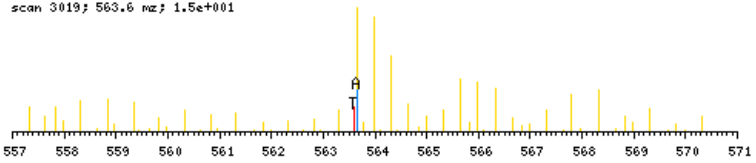
GO

scan 3023; 2.0e+000



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

scan 3019; 563.6 nz; 1.5e+001



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	1575.7549
256.1297	3	A	15	1504.7178
412.2560	4	K	14	1433.6807
527.2830	5	D	13	1277.5544
584.3044	6	G	12	1162.5274
744.3350	7	C	11	1105.5060
801.3565	8	G	10	945.4754
914.4406	9	L	9	888.4539
1043.4832	10	E	8	775.3699
1144.5308	11	T	7	646.3273
1215.5680	12	A	6	545.2796
1286.6051	13	A	5	474.2425
1343.6265	14	G	4	403.2054
1457.6695	15	N	3	346.1839
1514.6909	16	G	2	232.1410
	17	R	1	175.1195

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

AAAMDVDTPSGTNSGAGKKR, MH+ 2044.0770, m/z 682.0305
 L OSG40 P180811 230811-s1.03127.03127.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

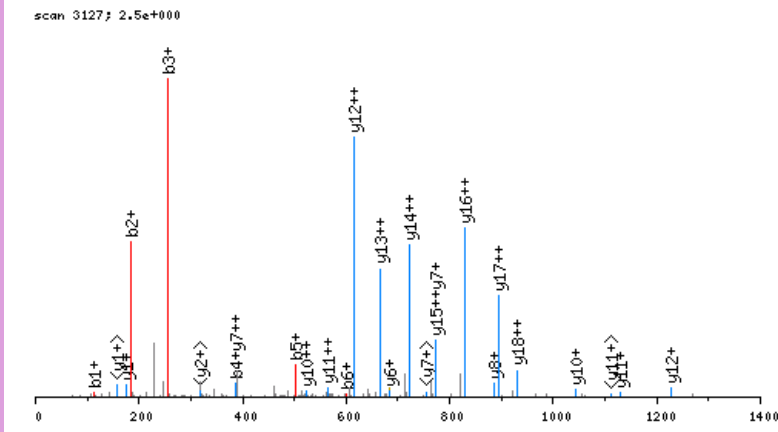
y + 2+ 3+

z + 2+ 3+

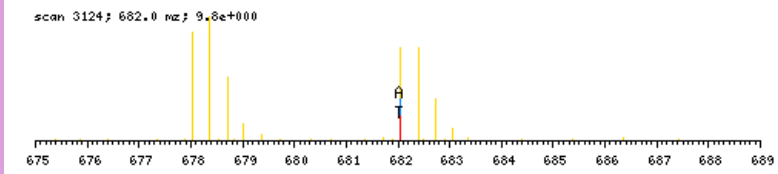
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
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
 L OSG41 P180811 230811-s1.04741.04741.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

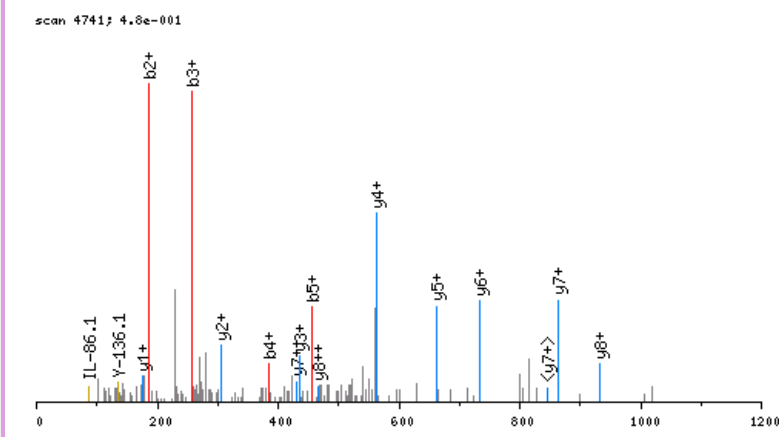
y + 2+ 3+

z + 2+ 3+

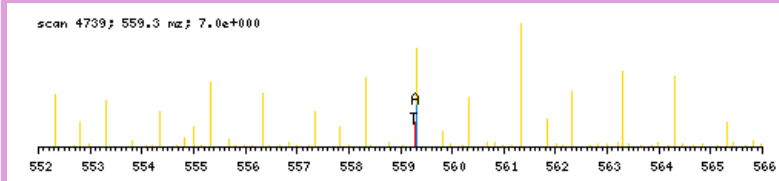
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG41 P180811 230811-s1.03821.03821.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

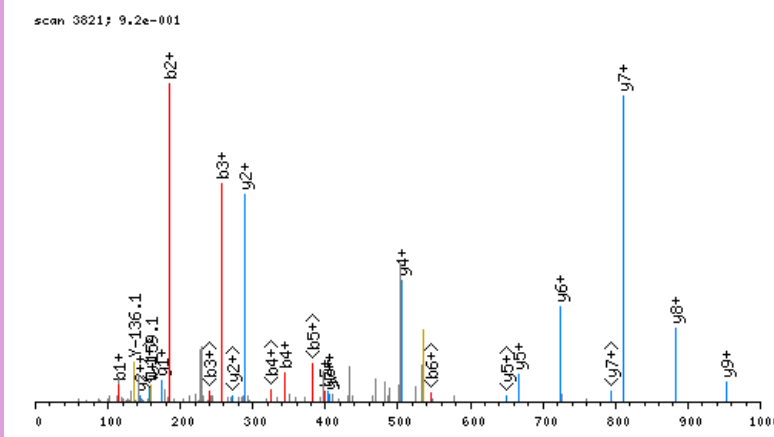
y + 2+ 3+

z + 2+ 3+

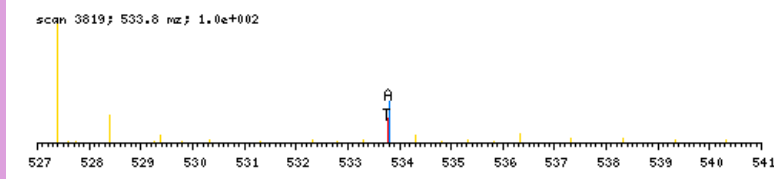
hide H₂O/NH₃

zoom 112-122

GO



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



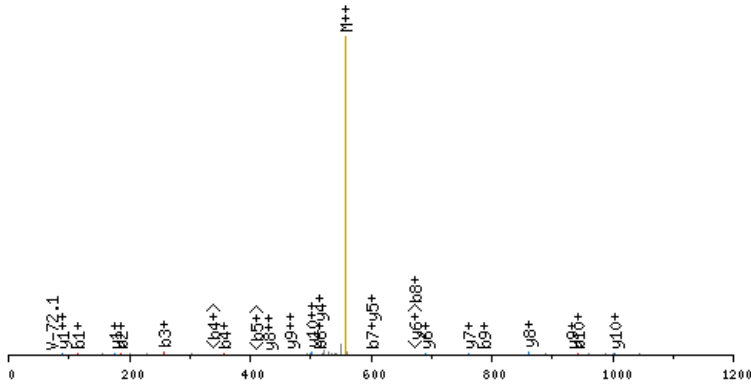
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

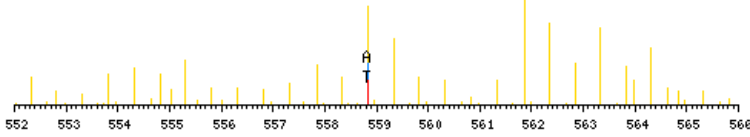
AAATASSALKR, MH+ 1116.6377, m/z 558.8225
 L OSG37 P180811 230811-s1.03128.03128.2.dta

scan 3128; 1.9e+001



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

scan 3124; 558.8 m/z; 1.8e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	11		
185.0926	2	A	10	1003.5901	502.2989
256.1297	3	A	9	932.5529	466.7804
357.1774	4	T	8	861.5158	431.2618
428.2145	5	A	7	760.4681	380.7380
515.2466	6	S	6	689.4310	345.2194
602.2786	7	S	5	602.3990	301.7034
673.3157	8	A	4	515.3670	258.1874
786.3998	9	L	3	444.3299	222.6688
942.5261	10	K	2	331.2458	166.1268
	11	R	1	175.1195	88.0637

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

AAATLSFGPER, MH+ 1161.5904, m/z 581.2988
 L OSG41 P180811 230811-s1.05478.05478.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

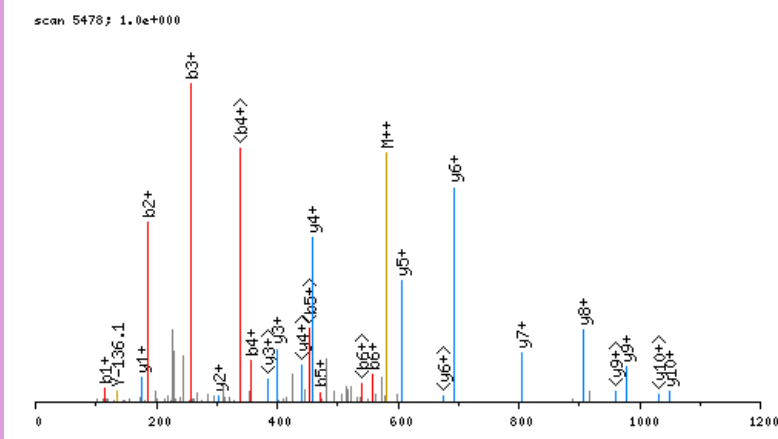
y + 2+ 3+

z + 2+ 3+

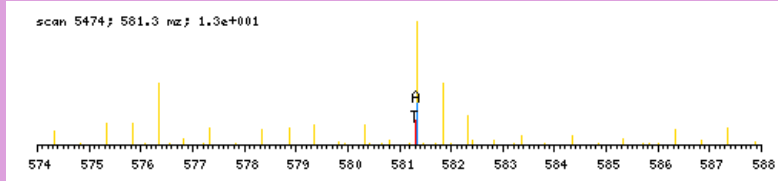
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

AAATPTETPAPEGSGLGMDAR, MH+ 2041.9501, m/z 681.3215
 L OSG41 P180811 230811-s1.04663.04663.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

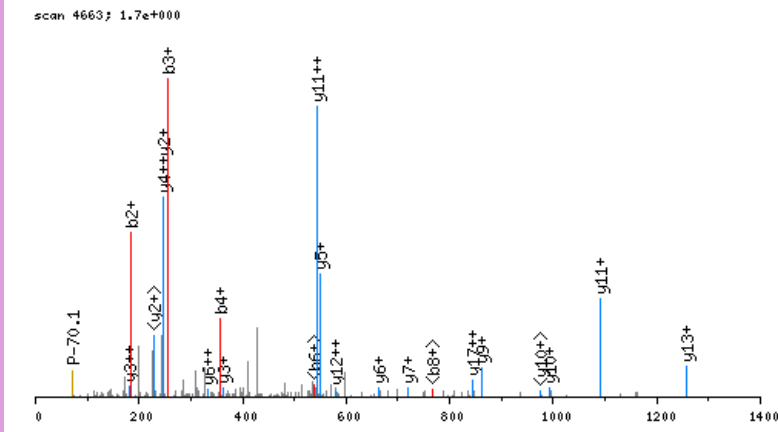
y + 2+ 3+

z + 2+ 3+

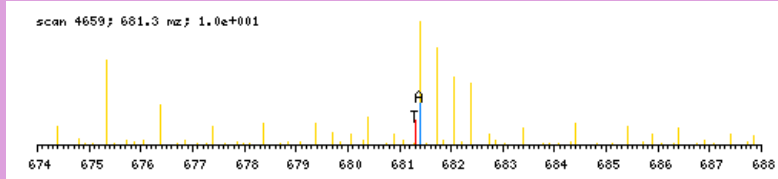
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG41 P180811 230811-s1.04735.04735.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

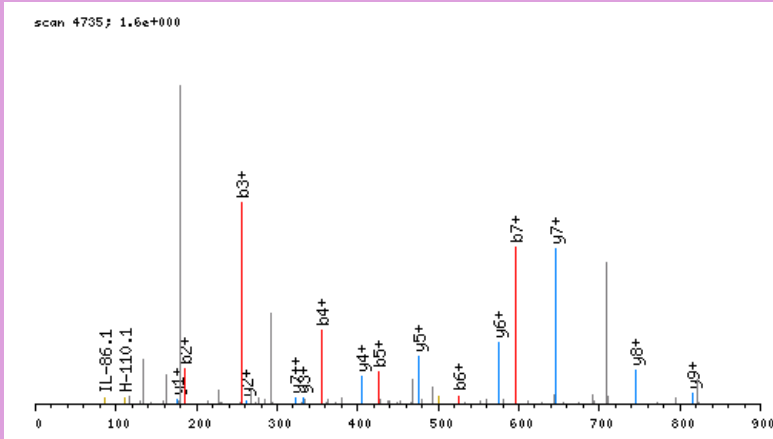
y + 2+ 3+

z + 2+ 3+

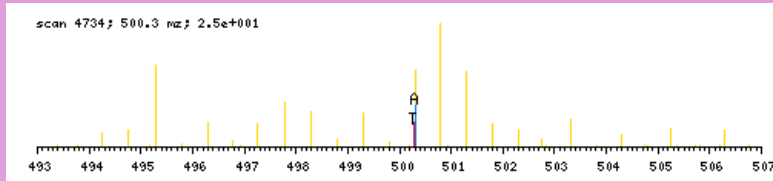
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

AAAVPQR, MH+ 754.4212, m/z 377.7142
 L OSG41 P180811 230811-s1.02304.02304.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

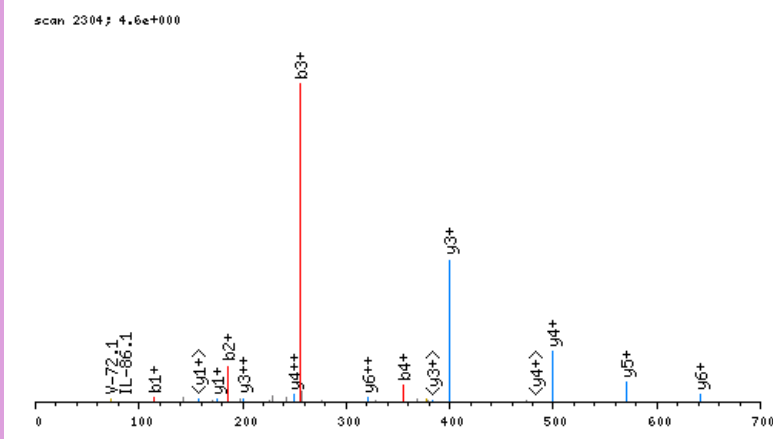
y + 2+ 3+

z + 2+ 3+

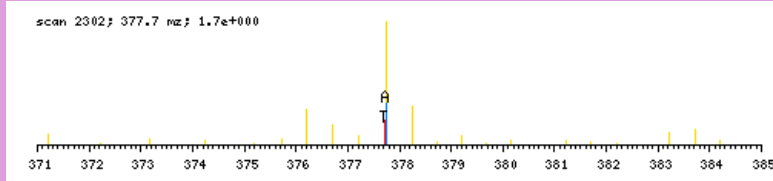
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	7	
185.0926	2	A	6	641.3735 321.1907
256.1297	3	A	5	570.3364 285.6721
355.1982	4	V	4	499.2993 250.1535
452.2509	5	P	3	400.2308 200.6193
580.3095	6	Q	2	303.1781 152.0930
	7	R	1	175.1195 88.0637

N-term:+43.02

AAAVVEEAAAAGDVQR, MH+ 1498.7502, m/z 749.8787
 L OSG41 P180811 230811-s1.06221.06221.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

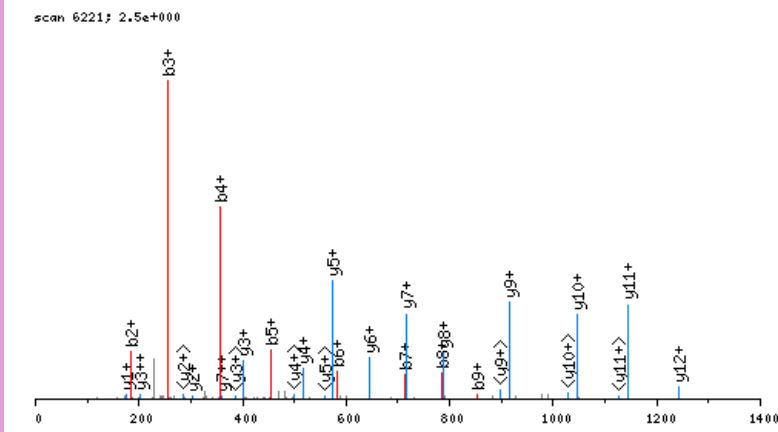
y + 2+ 3+

z + 2+ 3+

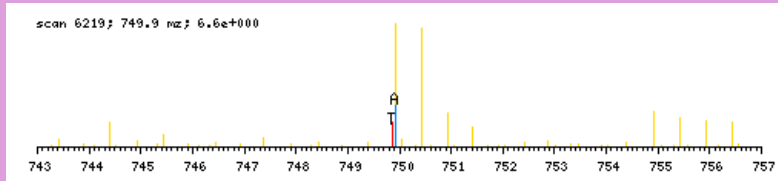
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1385.7025	693.3552
256.1297	3	A 13	1314.6654	657.8366
355.1982	4	V 12	1243.6283	622.3180
454.2666	5	V 11	1144.5598	572.7838
583.3092	6	E 10	1045.4914	523.2496
712.3518	7	E 9	916.4488	458.7283
783.3889	8	A 8	787.4062	394.2070
854.4260	9	A 7	716.3691	358.6885
925.4631	10	A 6	645.3320	323.1699
982.4846	11	G 5	574.2949	287.6514
1097.5115	12	D 4	517.2734	259.1406
1196.5799	13	V 3	402.2465	201.6272
1324.6385	14	Q 2	303.1781	152.0930
	15	R 1	175.1195	88.0637

N-term:+43.02

AADIEQVFR, MH+ 1090.5533, m/z 545.7803
 L OSG41 P180811 230811-s1.06977.06977.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

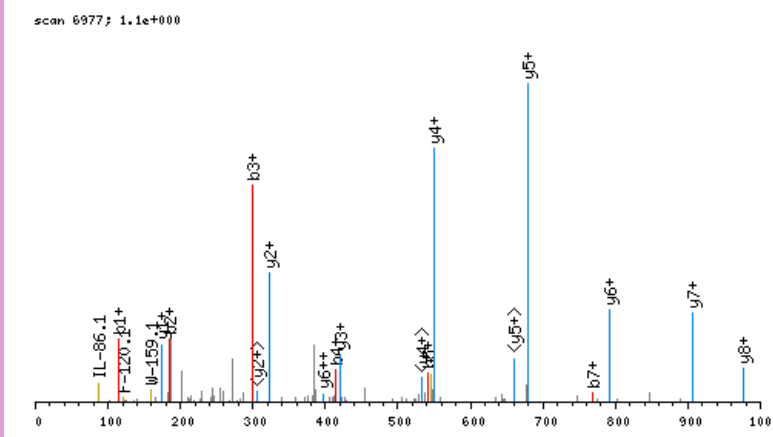
y + 2+ 3+

z + 2+ 3+

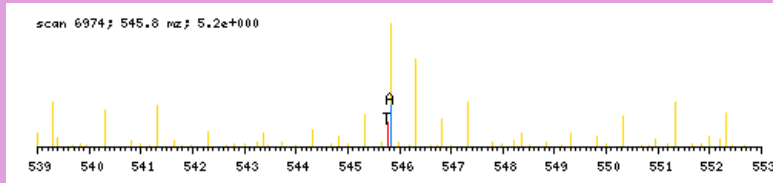
hide H₂O/NH₃

zoom 112-122

GO



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



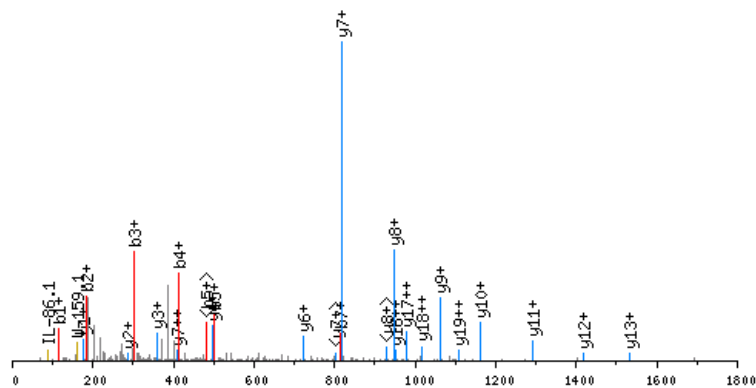
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

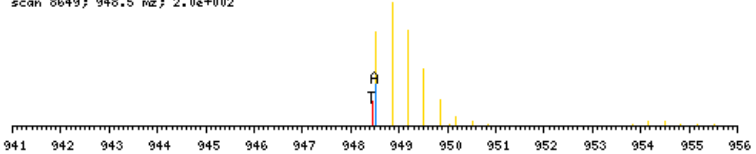
AADISQWAGPLCLQEVDPEPPQHALR, MH+ 2843.3786, m/z 948.4644
 L OSG37 P180811 230811-s1.08650.08650.3.dta

scan 8650; 5.0e+001



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

scan 8649; 948.5 m/z; 2.0e+002



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

X-range:

0 - 0

MassTol: Y-zoom:

0. 1.

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
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

AEEATLTVR, MH+ 1102.5744, m/z 551.7909
 L OSG41 P180811 230811-s1.04102.04102.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

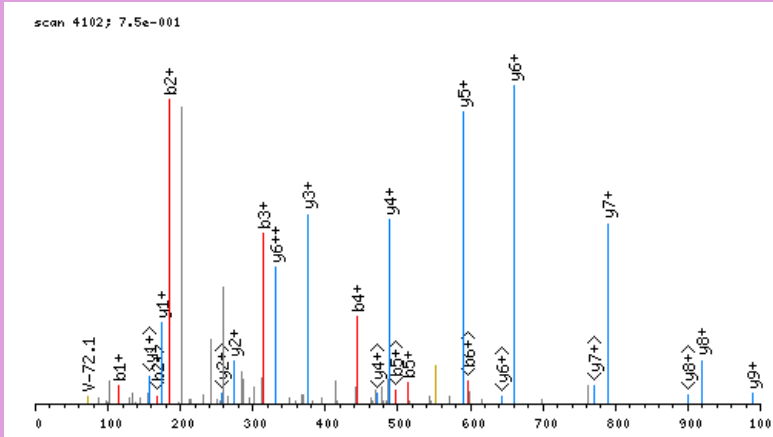
y + 2+ 3+

z + 2+ 3+

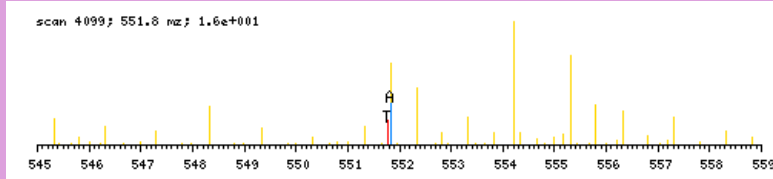
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

AAEENLEVAR, MH+ 1143.5646, m/z 572.2859
 L OSG41 P180811 230811-s1.03791.03791.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

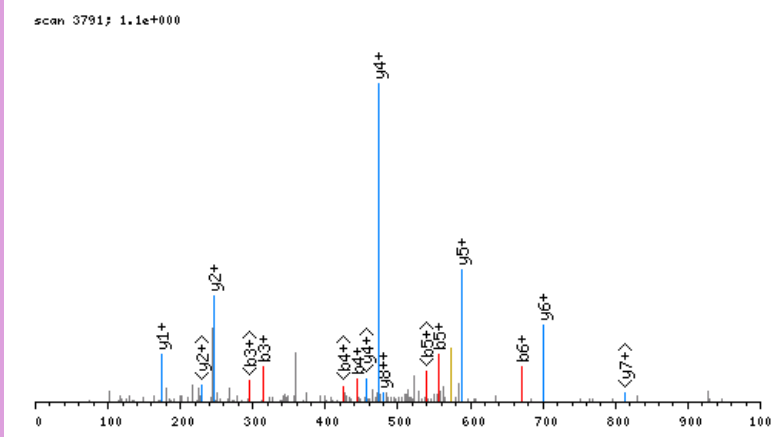
y + 2+ 3+

z + 2+ 3+

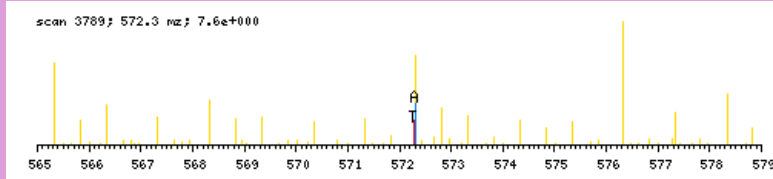
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1030.5169	515.7624
314.1352	3	E	8	959.4798	480.2438
443.1778	4	E	7	830.4372	415.7225
557.2207	5	N	6	701.3946	351.2012
670.3048	6	L	5	587.3517	294.1798
799.3474	7	E	4	474.2676	237.6377
898.4158	8	V	3	345.2250	173.1164
969.4529	9	A	2	246.1566	123.5822
	10	R	1	175.1195	88.0637

N-term:+43.02

AAGAAAAALAFLNQESR, MH+ 1602.8240, m/z 801.9156
 L OSG41 P180811 230811-s1.07503.07503.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

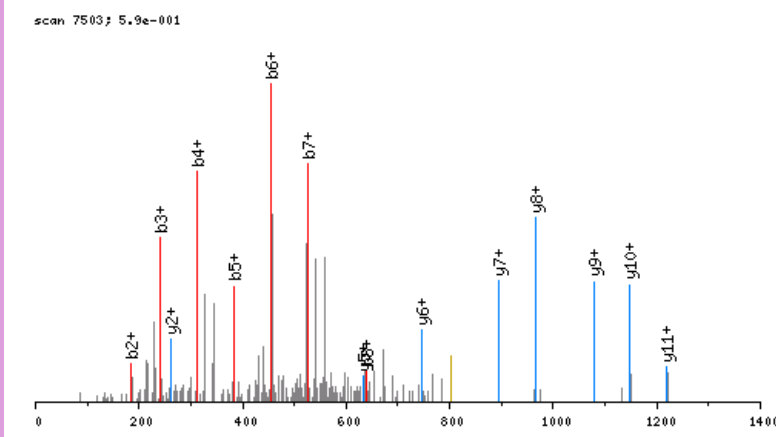
y + 2+ 3+

z + 2+ 3+

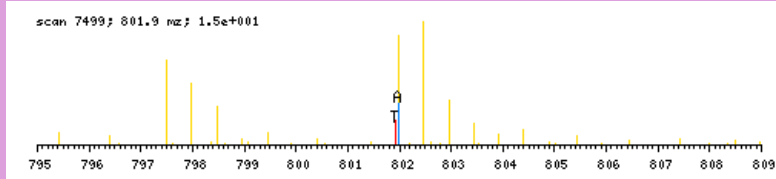
hide H₂O/NH₃

zoom 112-122

GO



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

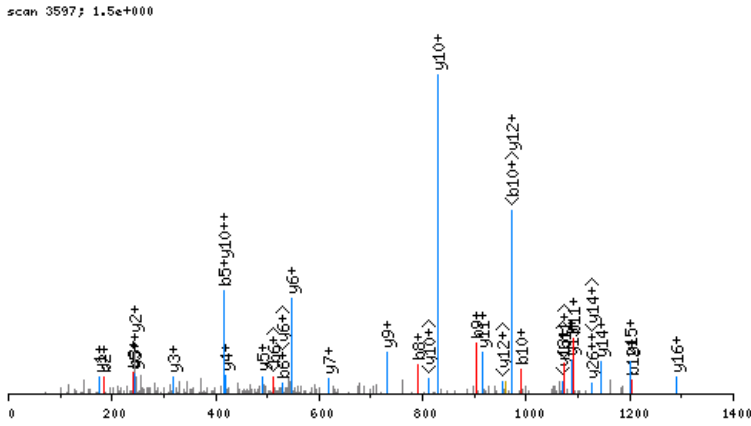


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

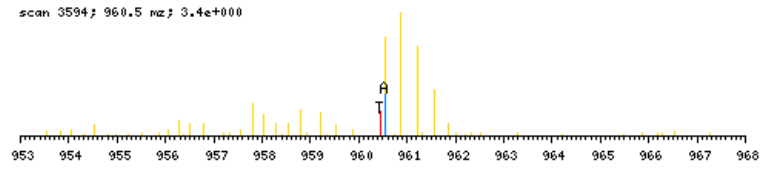
b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 16		
185.0926	2	A 15	1489.7763	745.3921
242.1141	3	G 14	1418.7392	709.8735
313.1512	4	A 13	1361.7177	681.3628
384.1883	5	A 12	1290.6806	645.8442
455.2254	6	A 11	1219.6435	610.3257
526.2625	7	A 10	1148.6064	574.8071
639.3466	8	L 9	1077.5693	539.2886
710.3837	9	A 8	964.4852	482.7465
857.4521	10	F 7	893.4481	447.2280
970.5362	11	L 6	746.3797	373.6938
1084.5791	12	N 5	633.2956	317.1517
1212.6377	13	Q 4	519.2527	260.1303
1341.6803	14	E 3	391.1941	196.1010
1428.7123	15	S 2	262.1515	131.5797
	16	R 1	175.1195	88.0637

N-term:+43.02

AAGDGDVKLSTLGGESGGDGSPGGAGATAAR, MH+ 2879.3832, m/z 960.4659
 L OSG36 P180811 230811-s1.03597.03597.3.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	33		
185.0926	2	A	32	2766.3355	1383.6716
242.1141	3	G	31	2695.2984	1348.1531
357.1410	4	D	30	2638.2769	1319.6424
414.1625	5	G	29	2523.2499	1262.1289
529.1894	6	D	28	2466.2285	1233.6182
628.2579	7	V	27	2351.2015	1176.1047
790.4160	8	K	26	2252.1331	1126.5705
903.5000	9	L	25	2089.9750	1045.4914
990.5320	10	S	24	1976.8910	988.9494
1091.5797	11	T	23	1889.8589	945.4334
1204.6638	12	L	22	1788.8113	894.9095
1261.6853	13	G	21	1675.7272	838.3675
1348.7173	14	S	20	1618.7057	809.8568
1405.7387	15	G	19	1531.6737	766.3408
1462.7602	16	G	18	1474.6522	737.8300
1591.8028	17	E	17	1417.6308	709.3193
1678.8348	18	S	16	1288.5882	644.7980
1735.8563	19	G	15	1201.5562	601.2820
1792.8778	20	G	14	1144.5347	572.7713
1907.9047	21	D	13	1087.5132	544.2605
1964.9262	22	G	12	972.4863	486.7471
2051.9582	23	S	11	915.4648	458.2363
2149.0110	24	P	10	828.4328	414.7203
2206.0324	25	G	9	731.3800	366.1939
2263.0539	26	G	8	674.3586	337.6832
2334.0910	27	A	7	617.3371	309.1725
2391.1125	28	G	6	546.3000	273.6539
2462.1496	29	A	5	489.2785	245.1432
2563.1973	30	T	4	418.2414	209.6246
2634.2344	31	A	3	317.1937	159.1008
2705.2715	32	A	2	246.1566	123.5822
	33	R	1	175.1195	88.0637

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

AAGESMAQR, MH+ 962.4366, m/z 481.7219
 L OSG41 P180811 230811-s1.02290.02290.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

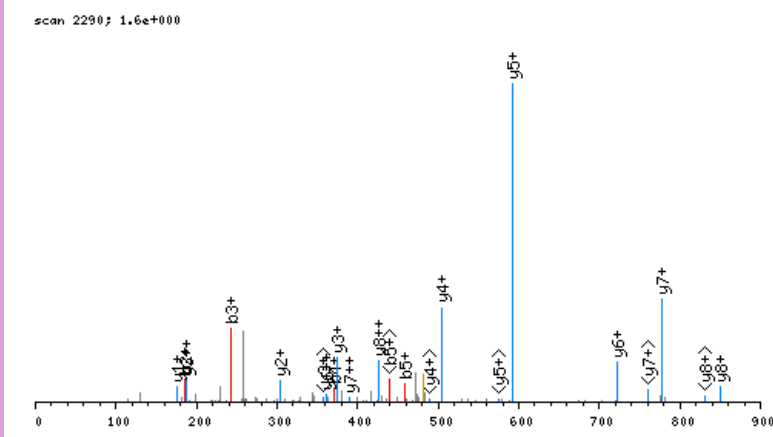
y + 2+ 3+

z + 2+ 3+

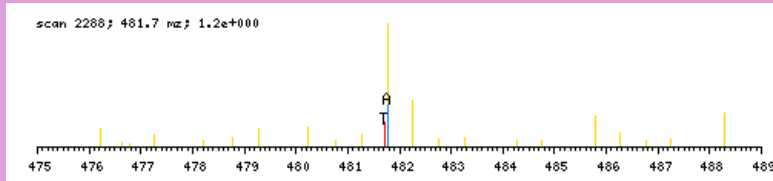
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	849.3889 425.1984
242.1141	3	G	7	778.3518 389.6798
371.1567	4	E	6	721.3303 361.1691
458.1887	5	S	5	592.2877 296.6478
589.2292	6	M	4	505.2557 253.1318
660.2663	7	A	3	374.2152 187.6115
788.3249	8	Q	2	303.1781 152.0930
	9	R	1	175.1195 88.0637

N-term:+43.02

AAGFKTVEPLEYYR, MH+ 1713.8852, m/z 571.9666
 L OSG37 P180811 230811-s1.07347.07347.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

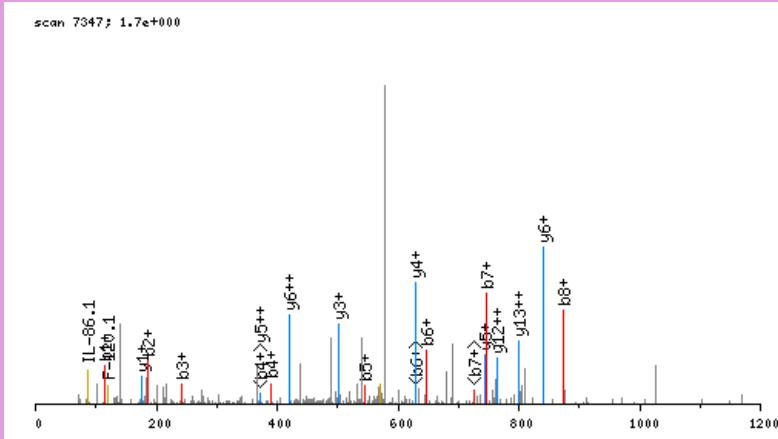
y + 2+ 3+

z + 2+ 3+

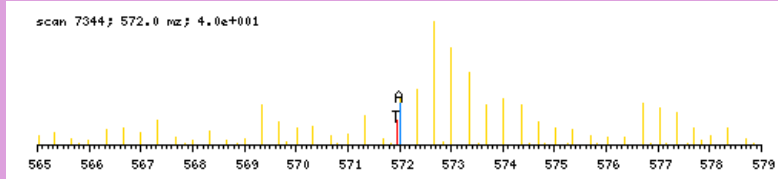
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1600.8376	800.9227
242.1141	3	G 12	1529.8004	765.4041
389.1825	4	F 11	1472.7790	736.8934
545.3088	5	K 10	1325.7106	663.3592
646.3565	6	T 9	1169.5843	585.2960
745.4249	7	V 8	1068.5366	534.7722
874.4675	8	E 7	969.4682	485.2380
971.5203	9	P 6	840.4256	420.7167
1084.6043	10	L 5	743.3728	372.1903
1213.6469	11	E 4	630.2888	315.6483
1376.7102	12	Y 3	501.2462	251.1270
1539.7736	13	Y 2	338.1828	169.5953
	14	R 1	175.1195	88.0637

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

AAGGAVVAPECR, MH+ 1270.6214, m/z 635.8143
 L OSG41 P180811 230811-s1.03340.03340.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

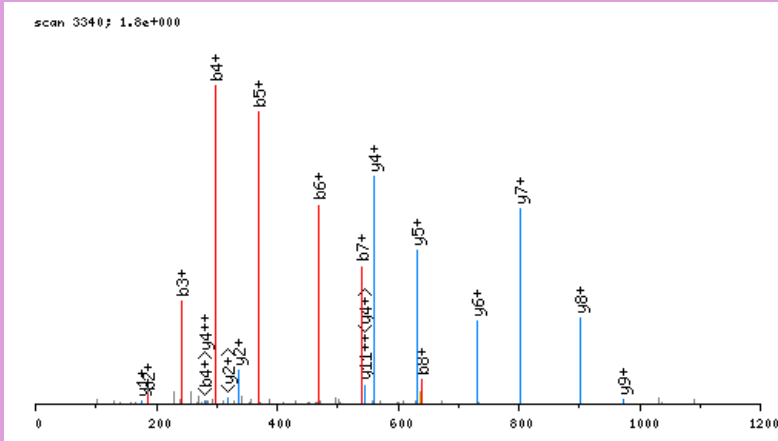
y + 2+ 3+

z + 2+ 3+

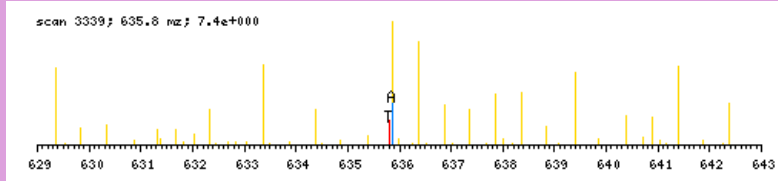
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG41 P180811 230811-s1.06591.06591.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

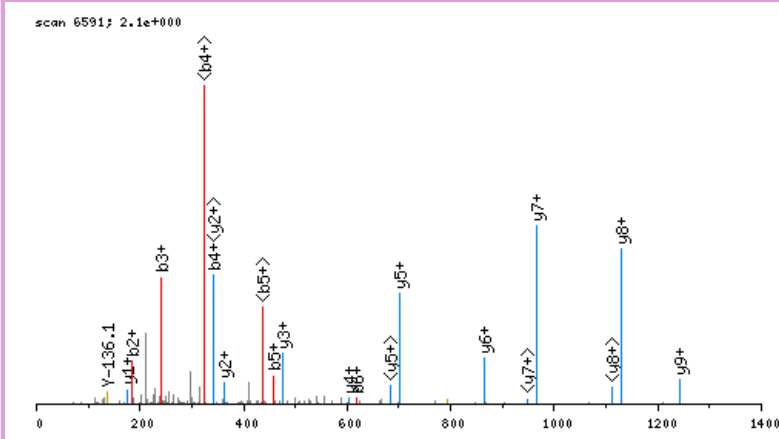
y + 2+ 3+

z + 2+ 3+

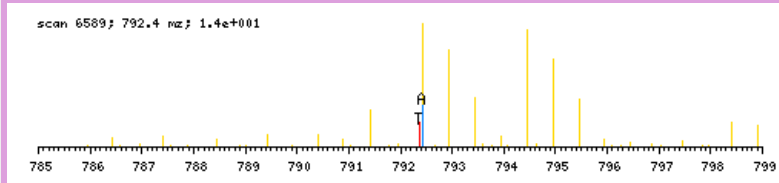
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG41 P180811 230811-s1.06137.06137.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

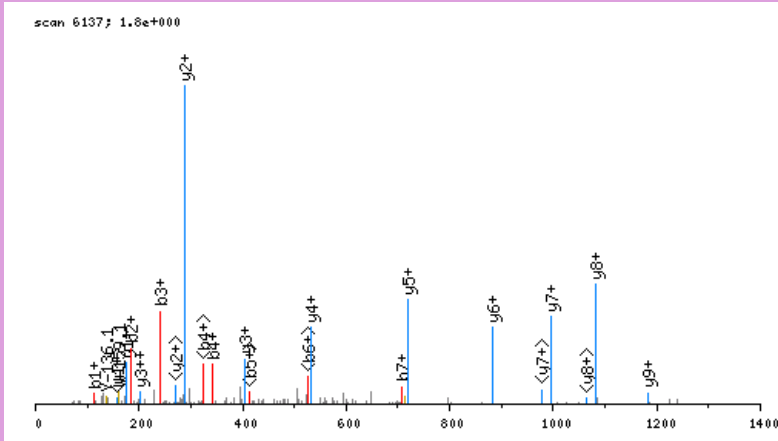
y + 2+ 3+

z + 2+ 3+

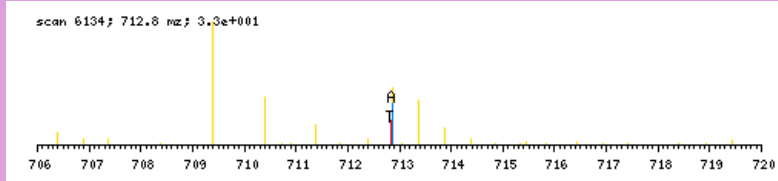
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG40 P180811 230811-s1.05163.05163.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

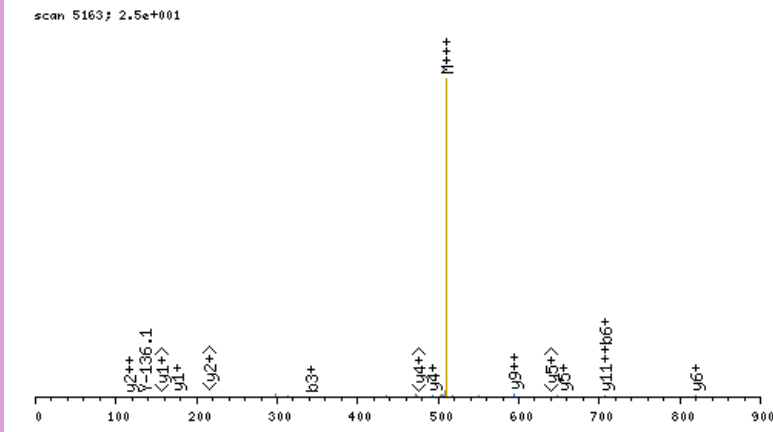
y + 2+ 3+

z + 2+ 3+

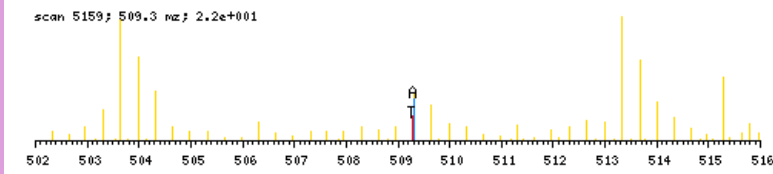
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	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

AALGEPVR, MH+ 854.4736, m/z 427.7404
 L OSG41 P180811 230811-s1.03523.03523.2.dta

scan 3523; 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+

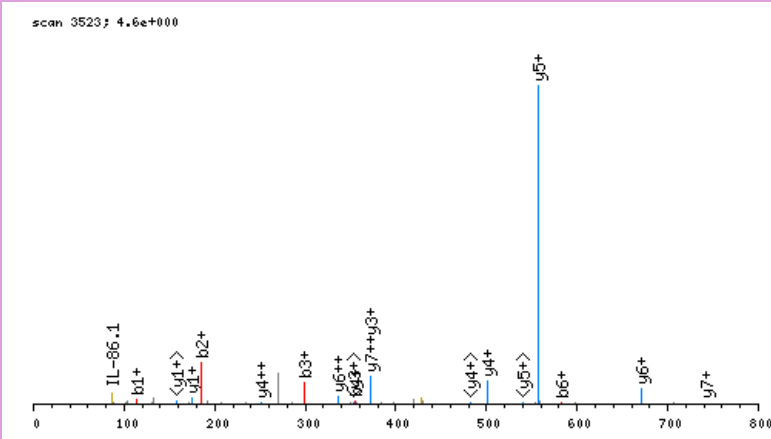
y + 2+ 3+

z + 2+ 3+

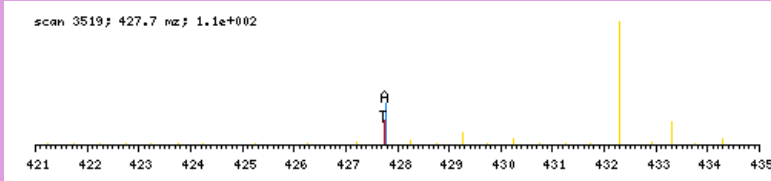
hide H₂O/NH₃

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⁺
114.0555	1	A	8	
185.0926	2	A	7	741.4259 371.2169
298.1767	3	L	6	670.3888 335.6983
355.1982	4	G	5	557.3047 279.1563
484.2407	5	E	4	500.2833 250.6455
581.2935	6	P	3	371.2407 186.1243
680.3619	7	V	2	274.1879 137.5979
	8	R	1	175.1195 88.0637

N-term:+43.02

AALGSSSQNVTEYVVR, MH+ 1722.8663, m/z 574.9603
 L OSG41 P180811 230811-s1.05985.05985.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

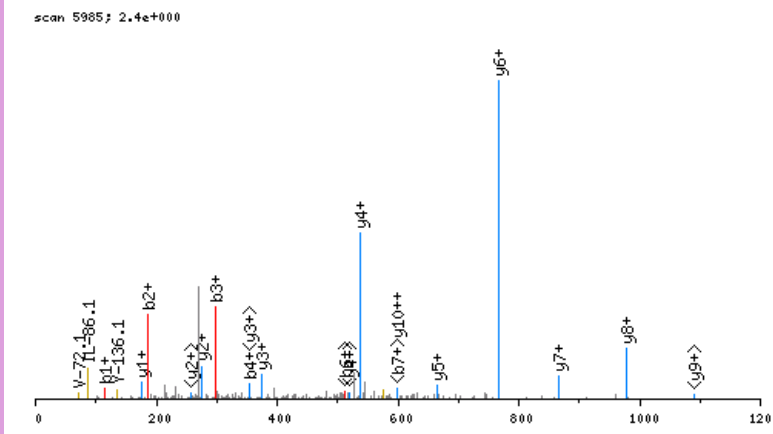
y + 2+ 3+

z + 2+ 3+

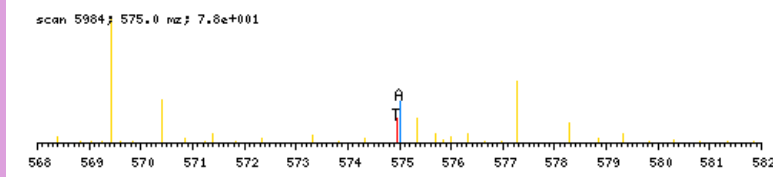
hide H₂O/NH₃

zoom 112-122

GO



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



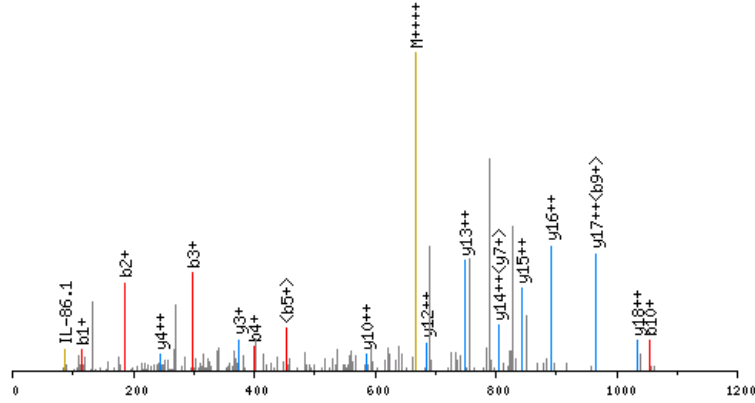
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

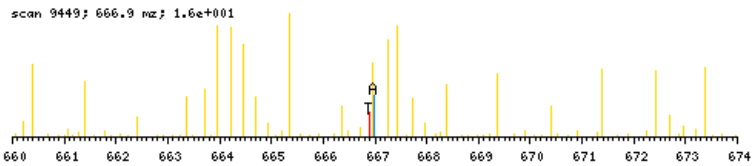
N-term:+43.02

AALTAEHFVALQSLKASSKDVVVR, MH+ 2664.5725, m/z 666.8986
 L OSG40 P180811 230811-s1.09453.09453.4.dta

scan 9453; 8.9e-001



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



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

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	2551.5249	1276.2663
298.1767	3	L 22	2480.4877	1240.7478
399.2244	4	T 21	2367.4037	1184.2058
470.2615	5	A 20	2266.3560	1133.6819
599.3041	6	E 19	2195.3189	1098.1634
736.3630	7	H 18	2066.2763	1033.6421
883.4314	8	F 17	1929.2174	965.1126
982.4998	9	V 16	1782.1490	891.5784
1053.5369	10	A 15	1683.0806	842.0442
1166.6210	11	L 14	1612.0434	806.5256
1294.6796	12	Q 13	1498.9594	749.9836
1381.7116	13	S 12	1370.9008	685.9543
1494.7957	14	L 11	1283.8688	642.4383
1607.8797	15	L 10	1170.7847	585.8963
1770.0378	16	K 9	1057.7006	529.3542
1841.0749	17	A 8	895.5425	448.2752
1928.1070	18	S 7	824.5054	412.7566
2015.1390	19	S 6	737.4734	369.2406
2177.2971	20	K 5	650.4414	325.7246
2292.3240	21	D 4	488.2833	244.6455
2391.3925	22	V 3	373.2563	187.1321
2490.4609	23	V 2	274.1879	137.5979
	24	R 1	175.1195	88.0637

N-term:+43.02 K(16):+162.16
 K(20):+162.16

AALVVSETAEPGSR, MH+ 1428.7335, m/z 714.8704
 L OSG41 P180811 230811-s1.05438.05438.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

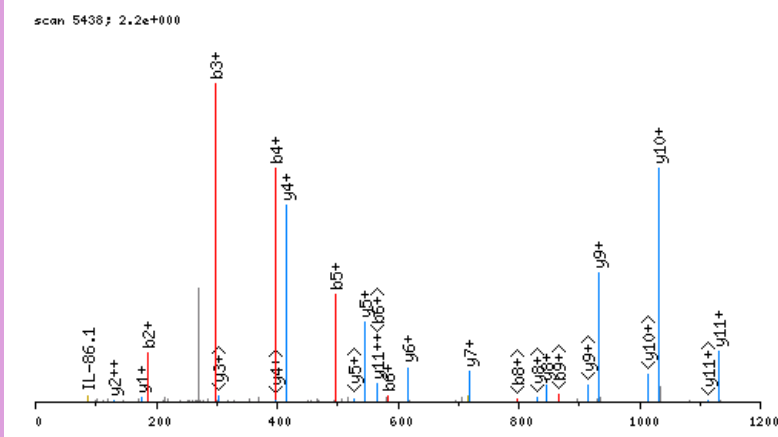
y + 2+ 3+

z + 2+ 3+

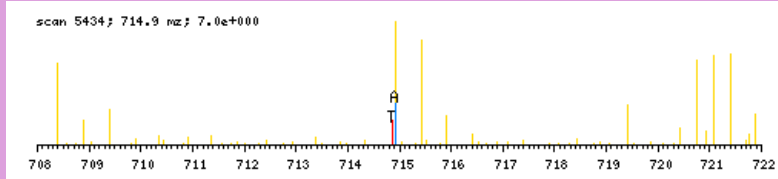
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG41 P180811 230811-s1.04537.04537.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

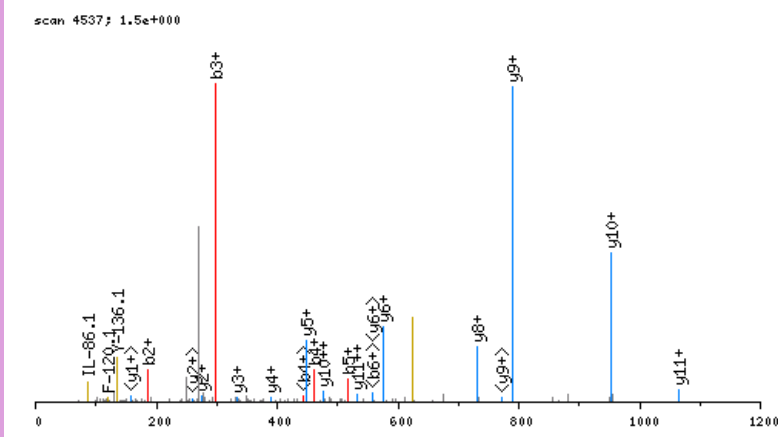
y + 2+ 3+

z + 2+ 3+

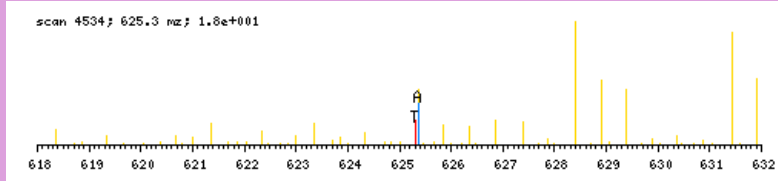
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

AAMAVGGAGGSR, MH+ 1046.5053, m/z 523.7563
 L OSG41 P180811 230811-s1.03022.03022.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

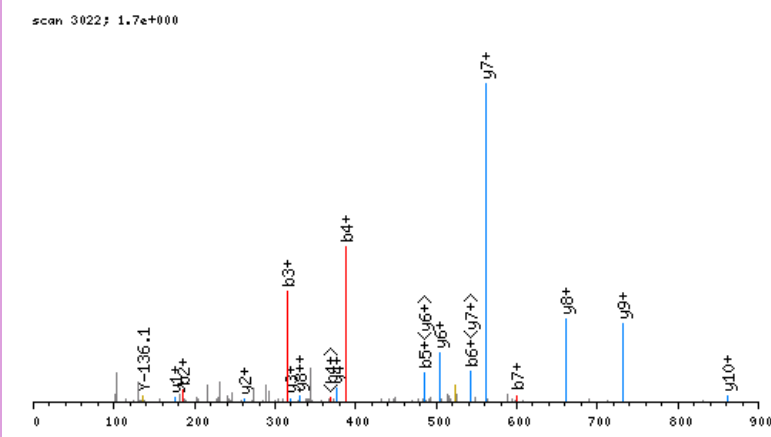
y + 2+ 3+

z + 2+ 3+

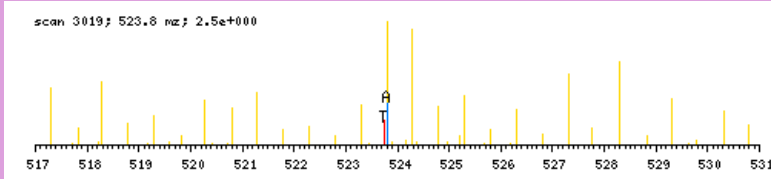
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	933.4576	467.2327
316.1331	3	M	10	862.4205	431.7142
387.1702	4	A	9	731.3800	366.1939
486.2386	5	V	8	660.3429	330.6754
543.2601	6	G	7	561.2745	281.1412
600.2816	7	G	6	504.2530	252.6304
671.3187	8	A	5	447.2316	224.1197
728.3401	9	G	4	376.1945	188.6011
785.3616	10	G	3	319.1730	160.0904
872.3936	11	S	2	262.1515	131.5797
	12	R	1	175.1195	88.0637

N-term:+43.02

AANATMATSGSAR, MH+ 1250.5799, m/z 625.7936
 L OSG41 P180811 230811-s1.02545.02545.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

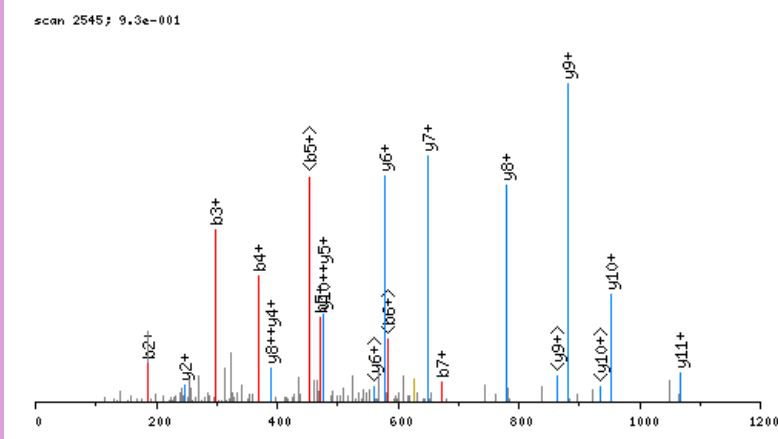
y + 2+ 3+

z + 2+ 3+

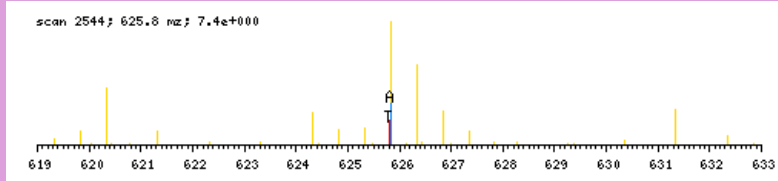
hide H₂O/NH₃

zoom 112-122

GO



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



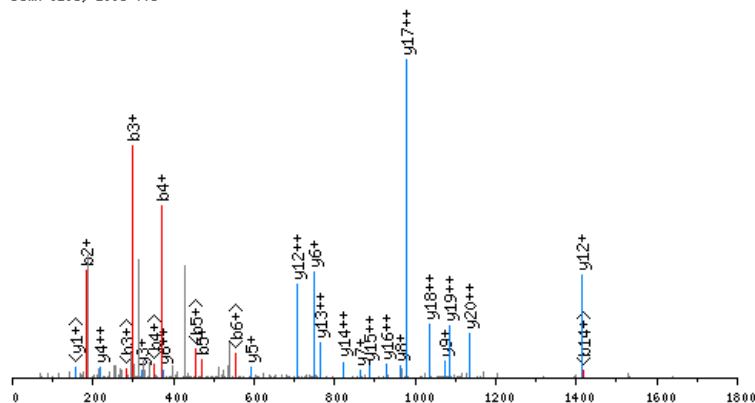
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 13		
185.0926	2	A 12	1137.5322	569.2700
299.1356	3	N 11	1066.4951	533.7515
370.1727	4	A 10	952.4522	476.7300
471.2203	5	T 9	881.4151	441.2115
602.2608	6	M 8	780.3674	390.6876
673.2979	7	A 7	649.3269	325.1674
774.3456	8	T 6	578.2898	289.6488
861.3777	9	S 5	477.2421	239.1250
918.3991	10	G 4	390.2101	195.6090
1005.4311	11	S 3	333.1886	167.0982
1076.4683	12	A 2	246.1566	123.5822
	13	R 1	175.1195	88.0637

N-term:+43.02

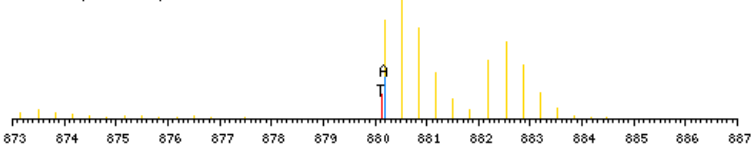
AANATTPNSQLLPLELVKICIGSR, MH+ 2638.3874, m/z 880.1340
 L OSG36 P180811 230811-s1.06251.06251.3.dta

scan 6251; 2.5e+001



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

scan 6249; 880.1 m/z; 2.1e+002



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
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
 L OSG41 P180811 230811-s1.02838.02838.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

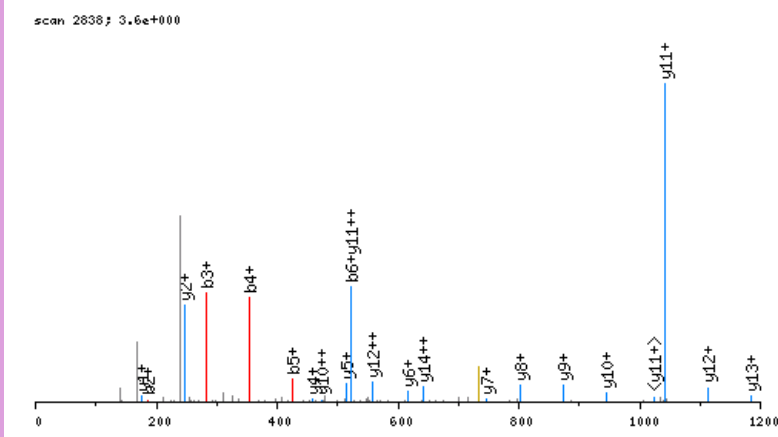
y + 2+ 3+

z + 2+ 3+

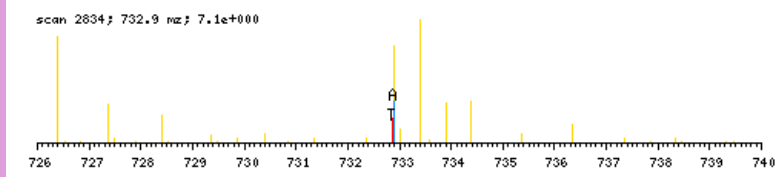
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG41 P180811 230811-s1.04801.04801.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

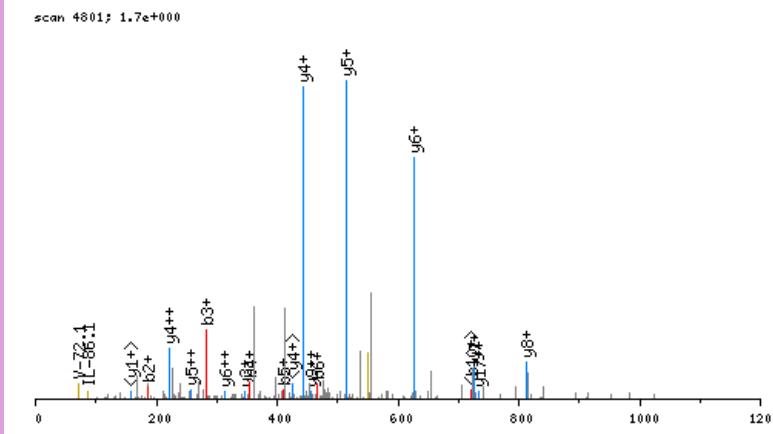
y + 2+ 3+

z + 2+ 3+

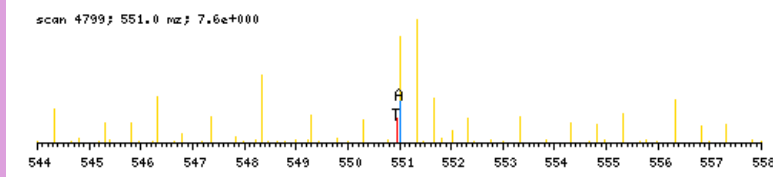
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
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+

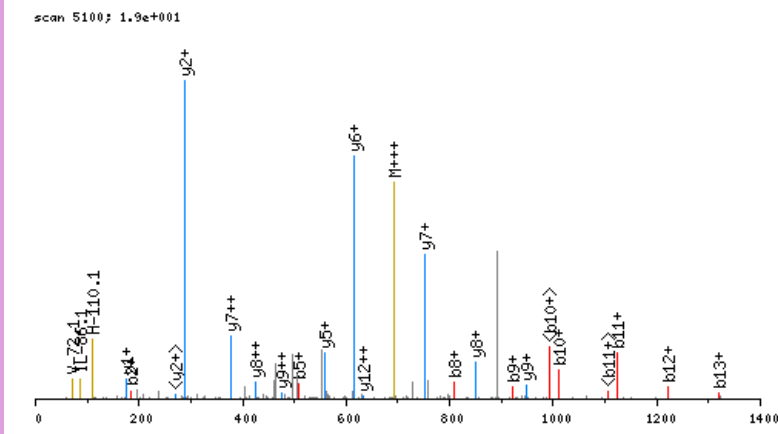
y + 2+ 3+

z + 2+ 3+

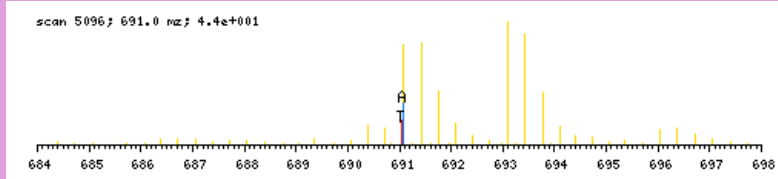
hide H₂O/NH₃

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

AAPEdVAALQAEITR, MH+ 1596.8233, m/z 798.9153
 L OSG41 P180811 230811-s1.07071.07071.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

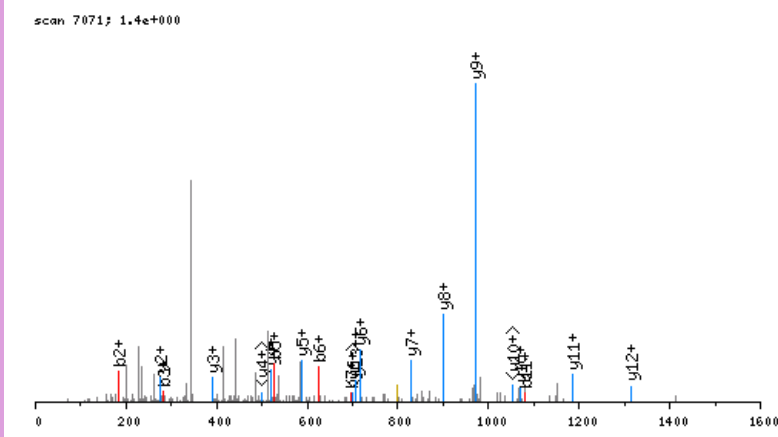
y + 2+ 3+

z + 2+ 3+

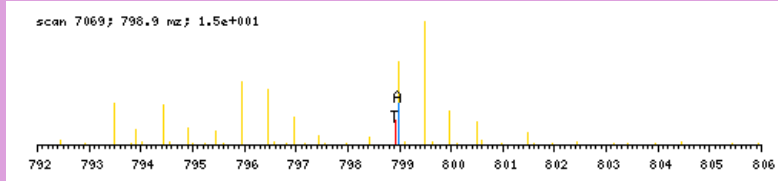
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1483.7756	742.3917
282.1454	3	P 13	1412.7385	706.8732
411.1880	4	E 12	1315.6858	658.3468
526.2149	5	D 11	1186.6432	593.8255
625.2833	6	V 10	1071.6162	536.3120
696.3205	7	A 9	972.5478	486.7778
767.3576	8	A 8	901.5107	451.2593
880.4416	9	L 7	830.4736	415.7407
1008.5002	10	Q 6	717.3895	359.1987
1079.5373	11	A 5	589.3310	295.1694
1208.5799	12	E 4	518.2938	259.6508
1321.6640	13	I 3	389.2512	195.1295
1422.7117	14	T 2	276.1672	138.5875
	15	R 1	175.1195	88.0637

N-term:+43.02

AAPPGEYFVSGVQVSCR, MH+ 1853.8492, m/z 618.6212
 L OSG41 P180811 230811-s1.05863.05863.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

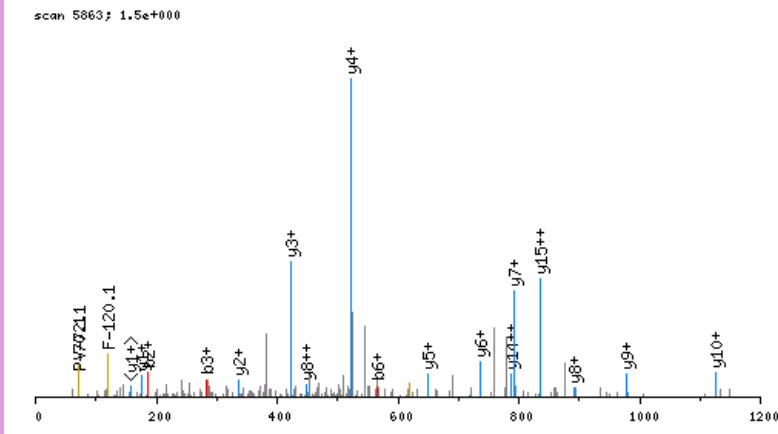
y + 2+ 3+

z + 2+ 3+

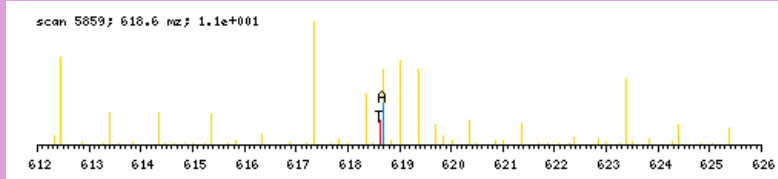
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG38 P180811 230811-s1.02555.02555.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

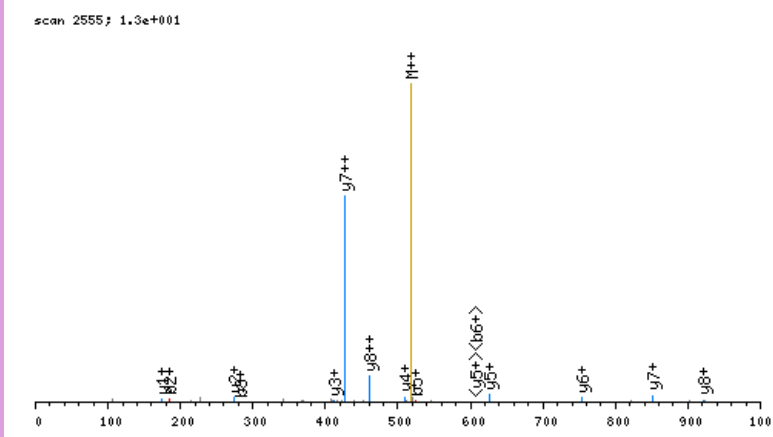
y + 2+ 3+

z + 2+ 3+

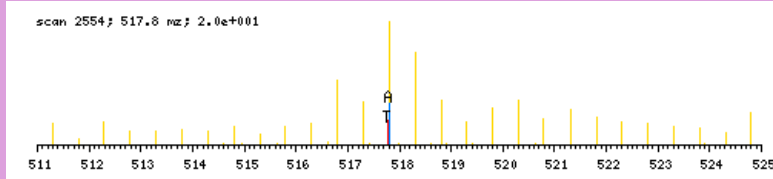
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
282.1454	3	P	7	850.4535
410.2040	4	Q	6	753.4008
525.2309	5	D	5	625.3422
624.2993	6	V	4	510.3152
761.3582	7	H	3	411.2468
860.4267	8	V	2	274.1879
	9	R	1	175.1195

N-term:+43.02

AAPQLFR, MH+ 844.4681, m/z 422.7377
 L OSG41 P180811 230811-s1.05225.05225.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

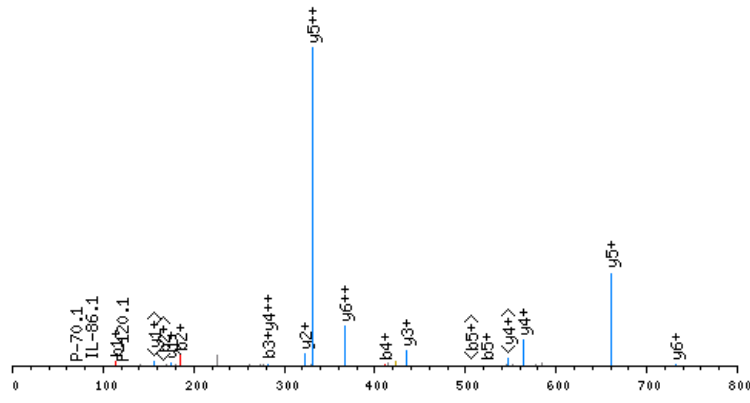
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

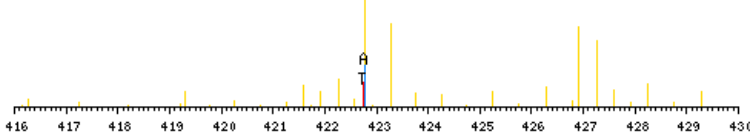
GO

scan 5225; 7.4e+000



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

scan 5224; 422.7 m/z; 3.1e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A	7	
185.0926	2	A	6	731.4204 366.2141
282.1454	3	P	5	660.3833 330.6956
410.2040	4	Q	4	563.3306 282.1692
523.2880	5	L	3	435.2720 218.1399
670.3564	6	F	2	322.1879 161.5979
	7	R	1	175.1195 88.0637

N-term:+43.02

AAPSEPAGEFPR, MH+ 1141.5642, m/z 571.2857
 L OSG41 P180811 230811-s1.04121.04121.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

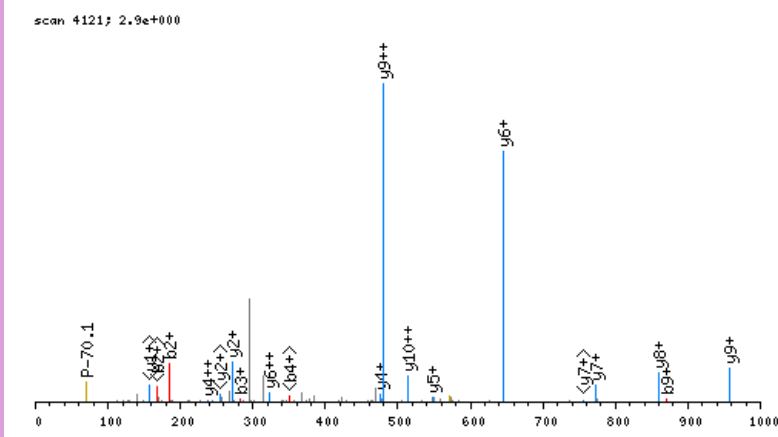
y + 2+ 3+

z + 2+ 3+

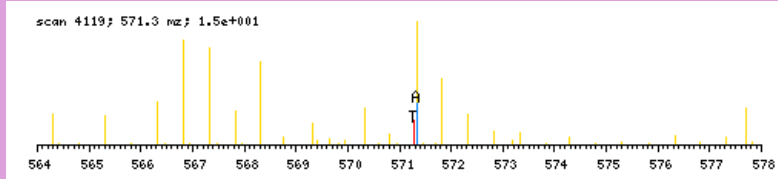
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	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

AAQALAAQAVASR, MH+ 1269.6915, m/z 635.3494
 L OSG41 P180811 230811-s1.05430.05430.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

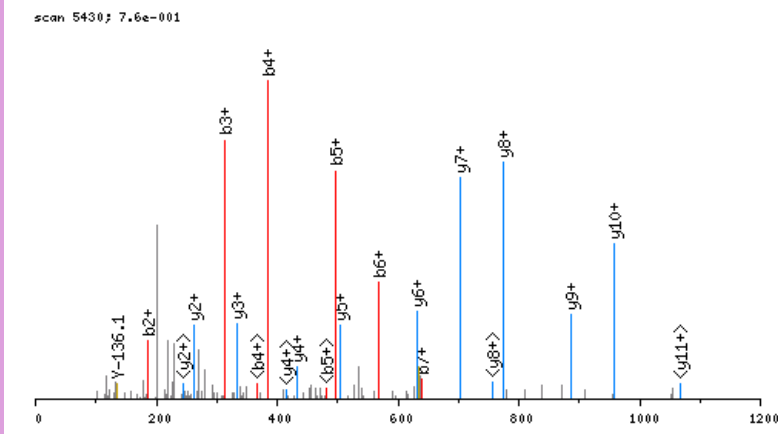
y + 2+ 3+

z + 2+ 3+

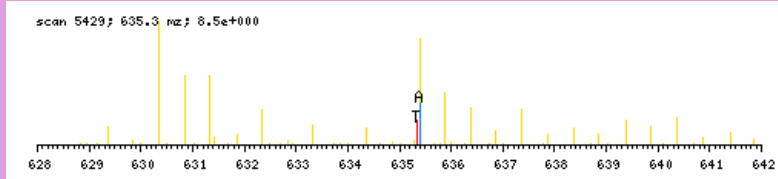
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG41 P180811 230811-s1.06092.06092.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

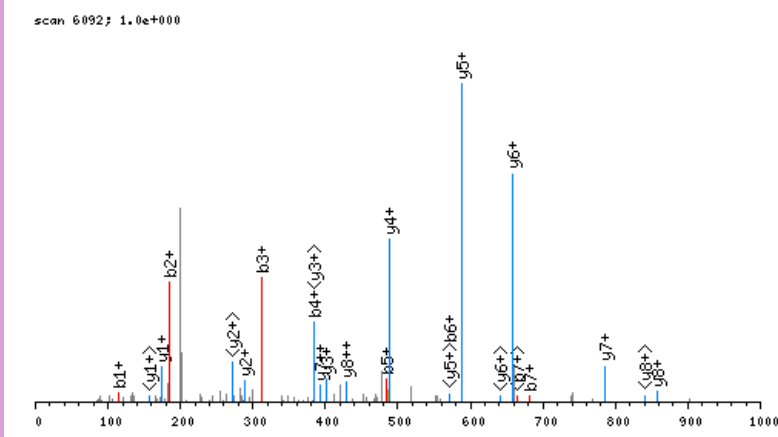
y + 2+ 3+

z + 2+ 3+

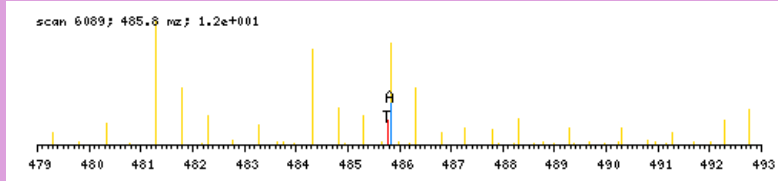
hide H₂O/NH₃

zoom 112-122

GO



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



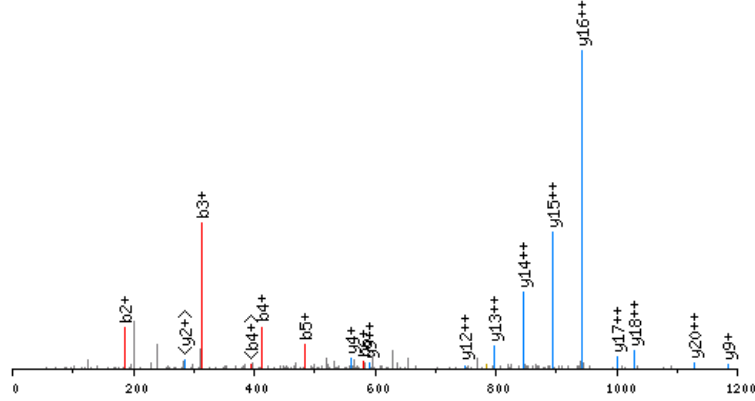
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

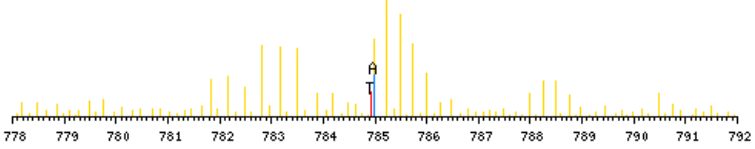
AAQVAPAAASSLGNPPPPSELKKAEEQQQR, MH+ 3136.6756, m/z 784.9243
 L OSG38 P180811 230811-s1.05586.05586.4.dta

scan 5586; 2.7e+000



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

scan 5584; 784.9 m/z; 9.7e+000



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

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	30		
185.0926	2	A	29	3023.6279	1512.3179
313.1512	3	Q	28	2952.5908	1476.7993
412.2196	4	V	27	2824.5322	1412.7700
483.2567	5	A	26	2725.4638	1363.2358
580.3095	6	P	25	2654.4267	1327.7172
651.3466	7	A	24	2557.3739	1279.1909
722.3837	8	A	23	2486.3368	1243.6723
793.4208	9	A	22	2415.2997	1208.1537
880.4529	10	S	21	2344.2626	1172.6352
967.4849	11	S	20	2257.2305	1129.1192
1080.5690	12	L	19	2170.1985	1085.6032
1137.5904	13	G	18	2057.1144	1029.0611
1251.6334	14	N	17	2000.0930	1000.5504
1348.6861	15	P	16	1886.0500	943.5289
1445.7389	16	P	15	1788.9973	895.0026
1542.7916	17	P	14	1691.9445	846.4762
1639.8444	18	P	13	1594.8918	797.9498
1736.8972	19	P	12	1497.8390	749.4234
1823.9292	20	S	11	1400.7862	700.8970
1952.9718	21	E	10	1313.7542	657.3810
2066.0559	22	L	9	1184.7116	592.8597
2222.1822	23	K	8	1071.6275	536.3177
2378.3085	24	K	7	915.5012	458.2545
2449.3456	25	A	6	759.3749	380.1914
2578.3882	26	E	5	688.3378	344.6728
2706.4467	27	Q	4	559.2952	280.1515
2834.5053	28	Q	3	431.2367	216.1222
2962.5639	29	Q	2	303.1781	152.0930
	30	R	1	175.1195	88.0637

N-term: +43.02 K(23) : +156.13
 K(24) : +156.13

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

AASEDELLLP, MH+ 1255.6534, m/z 628.3303
 L OSG41 P180811 230811-s1.06123.06123.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

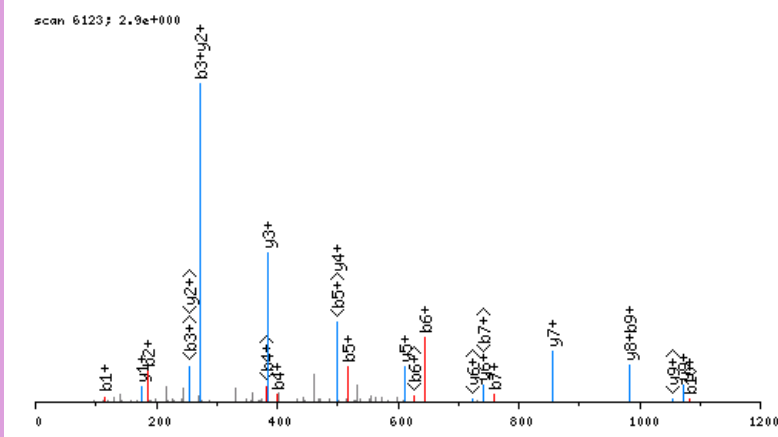
y + 2+ 3+

z + 2+ 3+

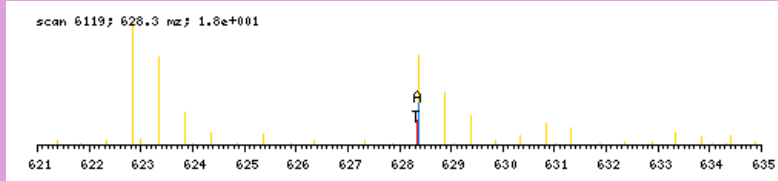
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG41 P180811 230811-s1.02611.02611.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

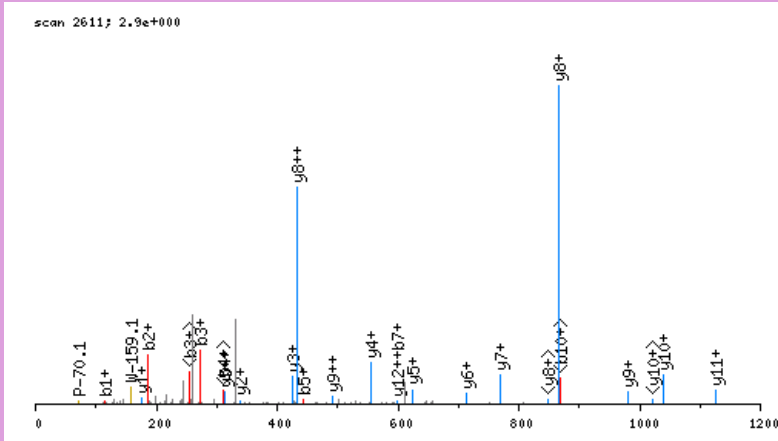
y + 2+ 3+

z + 2+ 3+

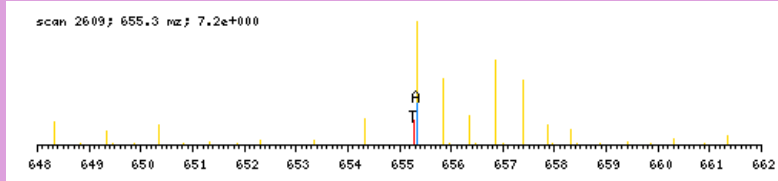
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

AASKVKQDMPPPGGYGPIDYKR, MH+ 2519.4182, m/z 630.6100
 L OSG40 P180811 230811-s1.05663.05663.4.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+

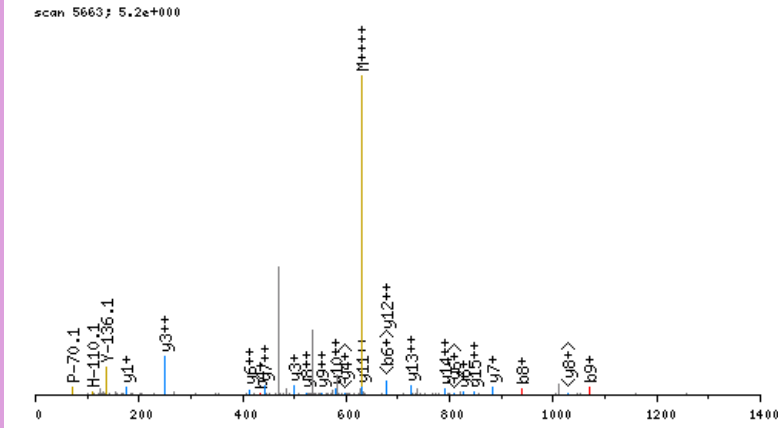
y + 2+ 3+

z + 2+ 3+

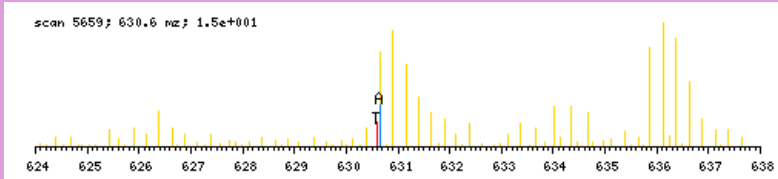
hide H₂O/NH₃

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		
185.0926	2	A	21	2406.3705	1203.6891
272.1247	3	S	20	2335.3334	1168.1706
434.2828	4	K	19	2248.3013	1124.6546
533.3512	5	V	18	2086.1432	1043.5755
695.5093	6	K	17	1987.0748	994.0413
823.5678	7	Q	16	1824.9167	912.9623
938.5948	8	D	15	1696.8581	848.9330
1069.6353	9	M	14	1581.8312	791.4195
1166.6880	10	P	13	1450.7907	725.8993
1263.7408	11	P	12	1353.7379	677.3729
1360.7936	12	P	11	1256.6852	628.8465
1417.8150	13	G	10	1159.6324	580.3201
1474.8365	14	G	9	1102.6110	551.8094
1637.8998	15	Y	8	1045.5895	523.2987
1694.9213	16	G	7	882.5262	441.7670
1791.9741	17	P	6	825.5047	413.2563
1905.0581	18	I	5	728.4519	364.7299
2020.0851	19	D	4	615.3679	308.1878
2183.1484	20	Y	3	500.3409	250.6744
2345.3065	21	K	2	337.2776	169.1427
	22	R	1	175.1195	88.0637

N-term:+43.02 K(4):+162.16
 K(6):+162.16 K(21):+162.16

AASPSKTEIQTIQIFKR, MH+ 1787.0704, m/z 596.3616
 L OSG39 P180811 230811-s1.04907.04907.3.dta

scan 4907; 1.6e+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+

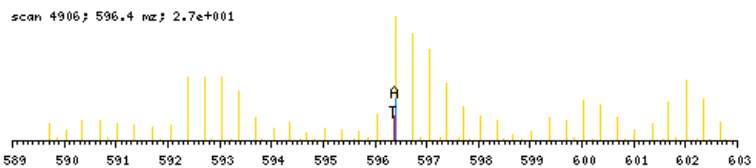
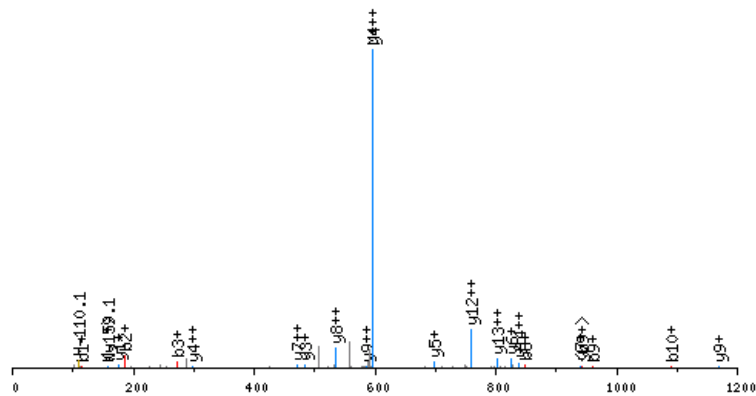
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO



b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A	15	
185.0926	2	A	14	1674.0227
272.1247	3	S	13	1602.9856
369.1774	4	P	12	1515.9536
456.2094	5	S	11	1418.9008
618.3675	6	K	10	1331.8688
719.4152	7	T	9	1169.7107
848.4578	8	E	8	1068.6630
961.5419	9	I	7	939.6204
1089.6005	10	Q	6	826.5363
1190.6481	11	T	5	698.4778
1303.7322	12	I	4	597.4301
1450.8006	13	F	3	484.3460
1612.9587	14	K	2	337.2776
	15	R	1	175.1195

N-term:+43.02 K(6):+162.16
 K(14):+162.16

AASTDIAGLEESFR, MH+ 1508.7233, m/z 754.8653
 L OSG41 P180811 230811-s1.06688.06688.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

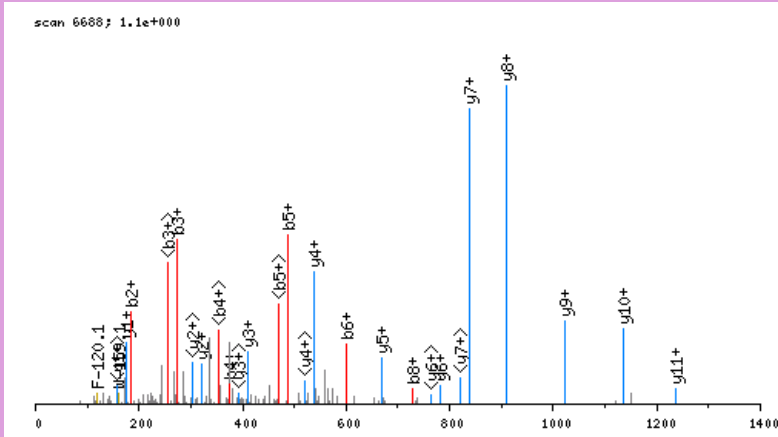
y + 2+ 3+

z + 2+ 3+

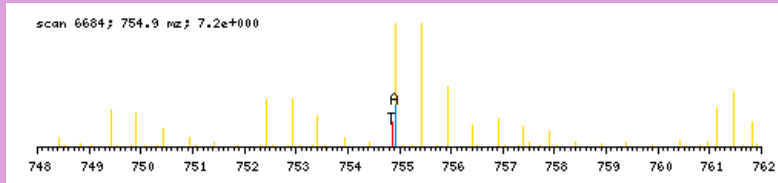
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG41 P180811 230811-s1.04018.04018.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

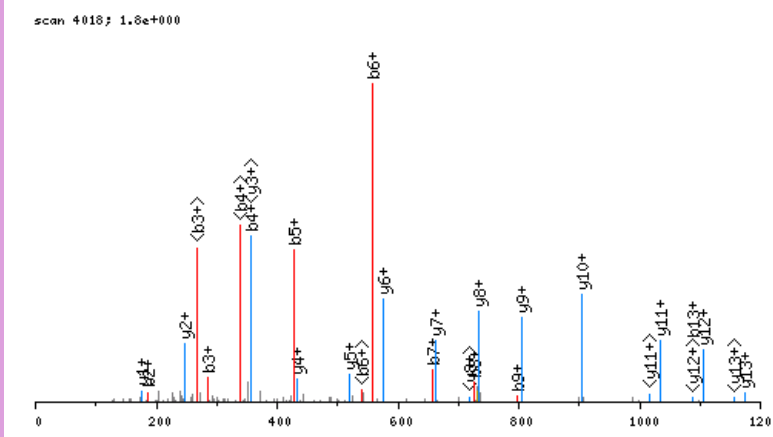
y + 2+ 3+

z + 2+ 3+

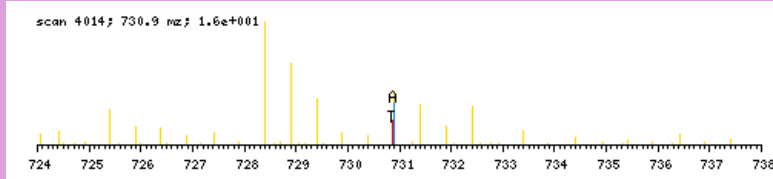
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG41 P180811 230811-s1.03140.03140.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

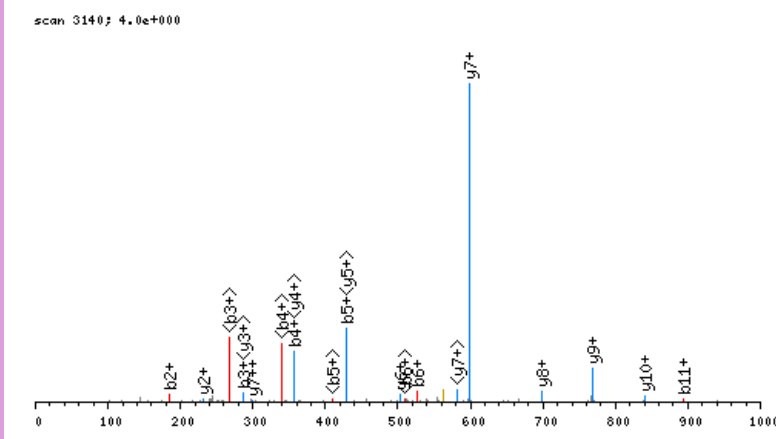
y + 2+ 3+

z + 2+ 3+

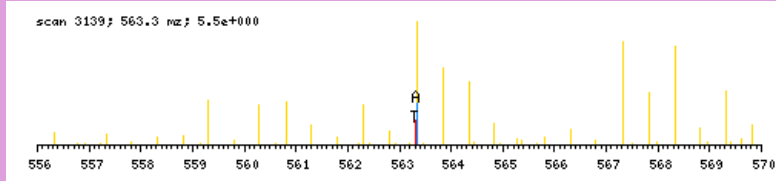
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

AATFFGEVVKAPCR, MH+ 1622.8365, m/z 541.6170
 L OSG37 P180811 230811-s1.08420.08420.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

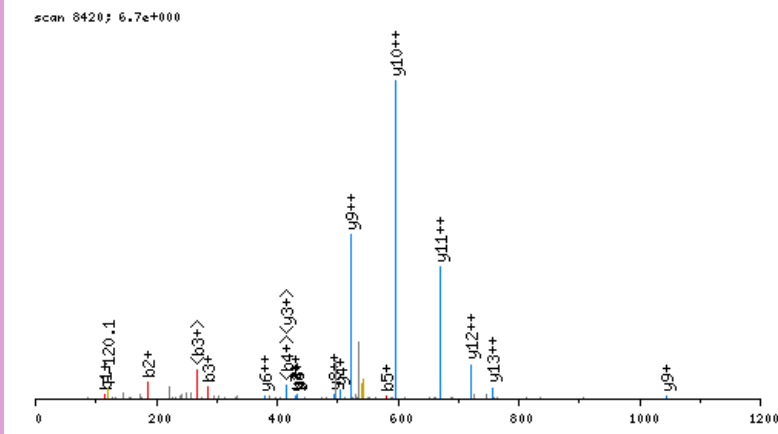
y + 2+ 3+

z + 2+ 3+

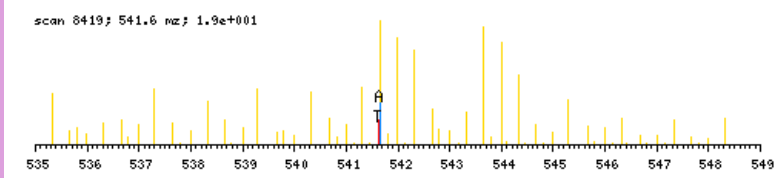
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1509.7888
286.1403	3	T	12	1438.7517
433.2087	4	F	11	1337.7040
580.2771	5	F	10	1190.6356
637.2986	6	G	9	1043.5672
766.3412	7	E	8	986.5457
865.4096	8	V	7	857.5031
964.4780	9	V	6	758.4347
1120.6043	10	K	5	659.3663
1191.6414	11	A	4	503.2400
1288.6942	12	P	3	432.2029
1448.7248	13	C	2	335.1501
	14	R	1	175.1195

N-term:+43.02 K(10):+156.13
 C(13):+160.03

AATTGSGVKVPR, MH+ 1219.7223, m/z 610.3648
 L OSG37 P180811 230811-s1.02820.02820.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

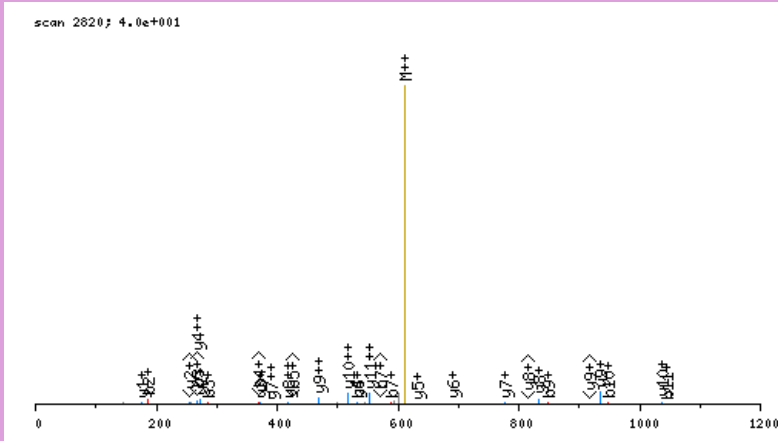
y + 2+ 3+

z + 2+ 3+

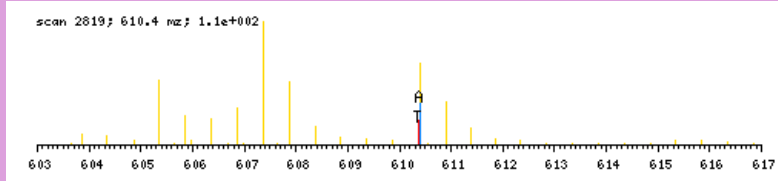
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	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
 L OSG41 P180811 230811-s1.03975.03975.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

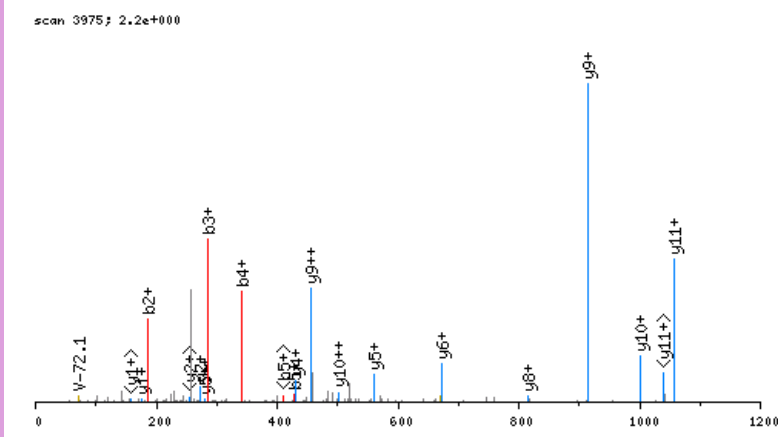
y + 2+ 3+

z + 2+ 3+

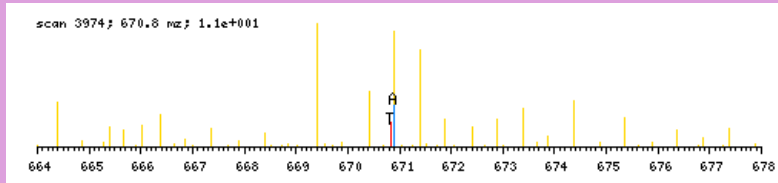
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	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+ 1578.0016, m/z 526.6720
 L OSG39 P180811 230811-s1.03192.03192.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

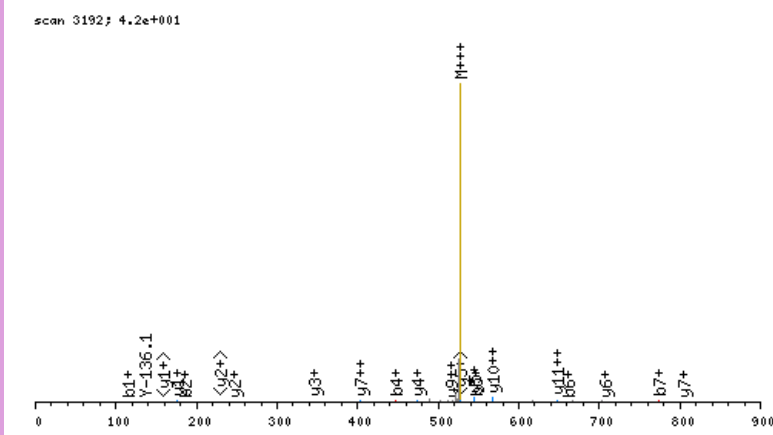
y + 2+ 3+

z + 2+ 3+

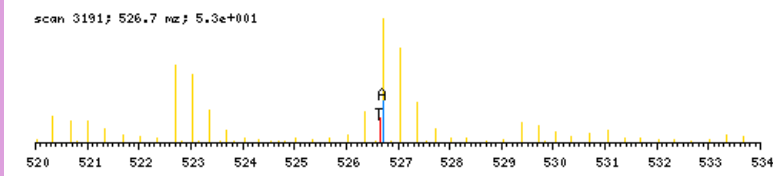
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1464.9539	732.9809
284.1610	3	V 12	1393.9168	697.4623
446.3191	4	K 11	1294.8484	647.9281
547.3668	5	T 10	1132.6903	566.8490
660.4509	6	L 9	1031.6426	516.3252
774.4938	7	N 8	918.5585	459.7832
871.5466	8	P 7	804.5156	402.7617
1033.7047	9	K 6	707.4628	354.2353
1104.7418	10	A 5	545.3047	273.1563
1233.7844	11	E 4	474.2676	237.6377
1332.8528	12	V 3	345.2250	173.1164
1403.8899	13	A 2	246.1566	123.5822
	14	R 1	175.1195	88.0637

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

AAVPSAVHLPR, MH+ 1159.6588, m/z 580.3330
 L OSG37 P180811 230811-s1.05261.05261.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

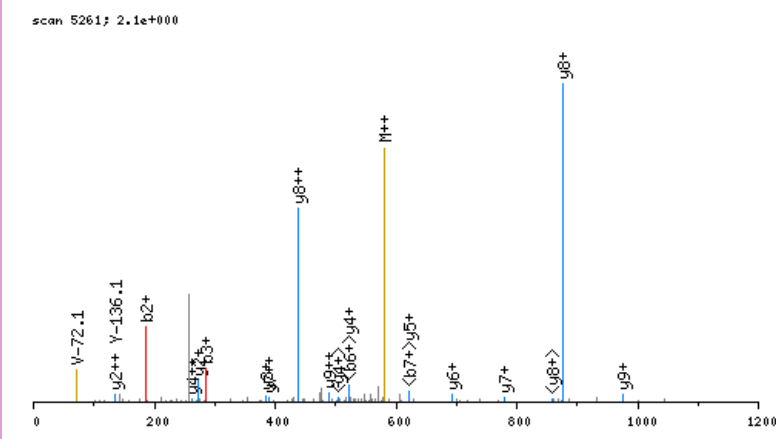
y + 2+ 3+

z + 2+ 3+

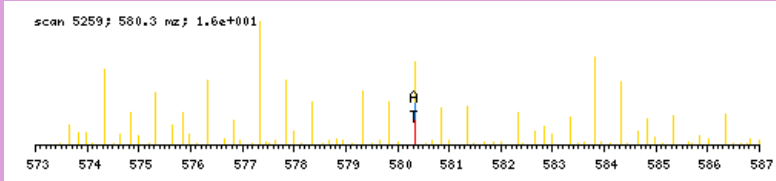
hide H₂O/NH₃

zoom 112-122

GO



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

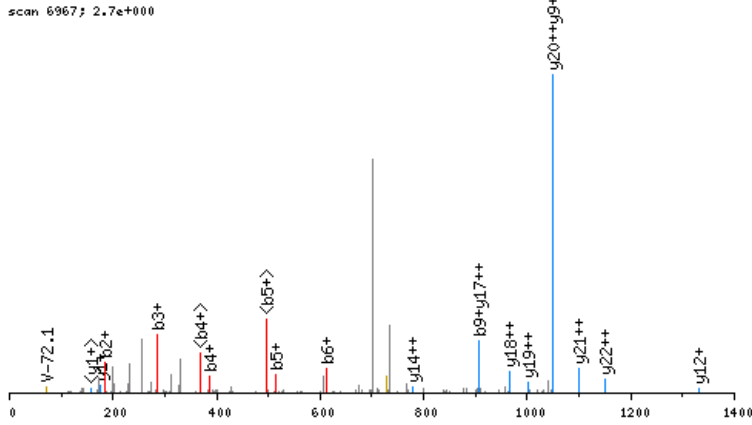


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

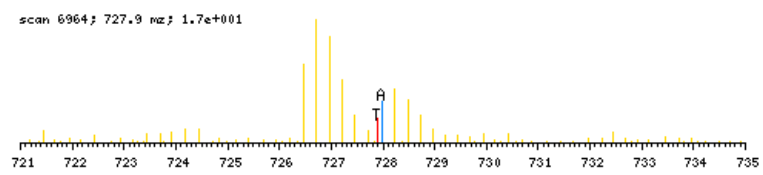
b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	11		
185.0926	2	A	10	1046.6111	523.8095
284.1610	3	V	9	975.5740	488.2909
381.2138	4	P	8	876.5056	438.7567
468.2458	5	S	7	779.4528	390.2303
539.2829	6	A	6	692.4208	346.7143
638.3514	7	V	5	621.3837	311.1957
775.4103	8	H	4	522.3152	261.6615
888.4943	9	L	3	385.2563	193.1321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

N-term:+43.02

AAVTEVVVPADGAEARPLAAEELAAQKR, MH+ 2908.5957, m/z 727.9044
 L_OSG38_P180811_230811-s1.06967.06967.4.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⁺
114.0555	1	A 28		
185.0926	2	A 27	2795.5480	1398.2779
284.1610	3	V 26	2724.5109	1362.7593
385.2087	4	T 25	2625.4424	1313.2251
514.2513	5	E 24	2524.3948	1262.7013
613.3197	6	V 23	2395.3522	1198.1800
712.3881	7	V 22	2296.2838	1148.6458
811.4566	8	V 21	2197.2153	1099.1116
908.5093	9	P 20	2098.1469	1049.5774
979.5464	10	A 19	2001.0942	1001.0510
1094.5734	11	D 18	1930.0571	965.5324
1151.5948	12	G 17	1815.0301	908.0190
1222.6320	13	A 16	1758.0086	879.5082
1351.6745	14	E 15	1686.9715	843.9897
1422.7117	15	A 14	1557.9289	779.4684
1578.8128	16	R 13	1486.8918	743.9498
1675.8655	17	P 12	1330.7907	665.8993
1788.9496	18	L 11	1233.7379	617.3729
1859.9867	19	A 10	1120.6539	560.8309
1931.0238	20	A 9	1049.6168	525.3123
2060.0664	21	E 8	978.5797	489.7937
2189.1090	22	E 7	849.5371	425.2724
2302.1931	23	L 6	720.4945	360.7511
2373.2302	24	A 5	607.4104	304.2091
2444.2673	25	A 4	536.3733	268.6906
2572.3259	26	Q 3	465.3362	233.1720
2734.4840	27	K 2	337.2776	169.1427
	28	R 1	175.1195	88.0637

N-term:+43.02 K(27) :+162.16

X-range:

0 - 0

MassTol: Y-zoom:

0. 1.

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

AAVTVNSAKR, MH+ 1086.6272, m/z 543.8172
 L OSG37 P180811 230811-s1.02306.02306.2.dta

scan 2306; 4.5e+001

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

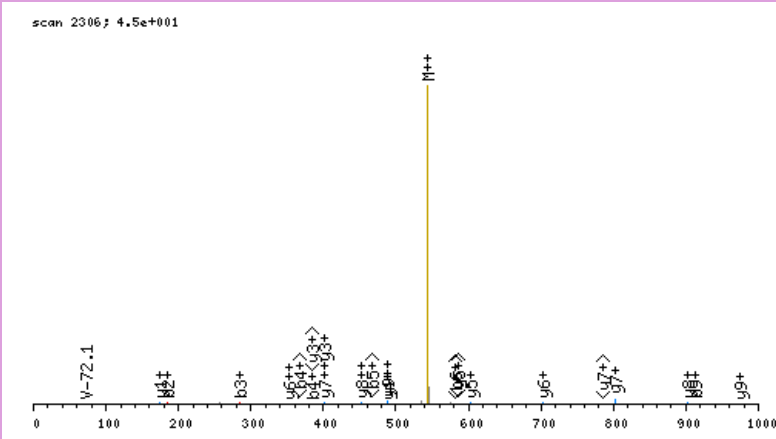
y + 2+ 3+

z + 2+ 3+

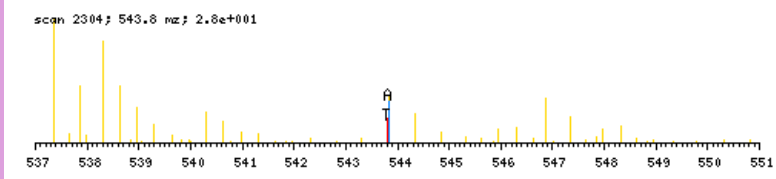
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	10		
185.0926	2	A	9	973.5795	487.2937
284.1610	3	V	8	902.5424	451.7751
385.2087	4	T	7	803.4740	402.2409
484.2771	5	V	6	702.4263	351.7171
598.3201	6	N	5	603.3579	302.1828
685.3521	7	S	4	489.3149	245.1614
756.3892	8	A	3	402.2829	201.6454
912.5155	9	K	2	331.2458	166.1268
	10	R	1	175.1195	88.0637

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

AAYKLVLIR, MH+ 1116.7145, m/z 558.8609
 L OSG38 P180811 230811-s1.06787.06787.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

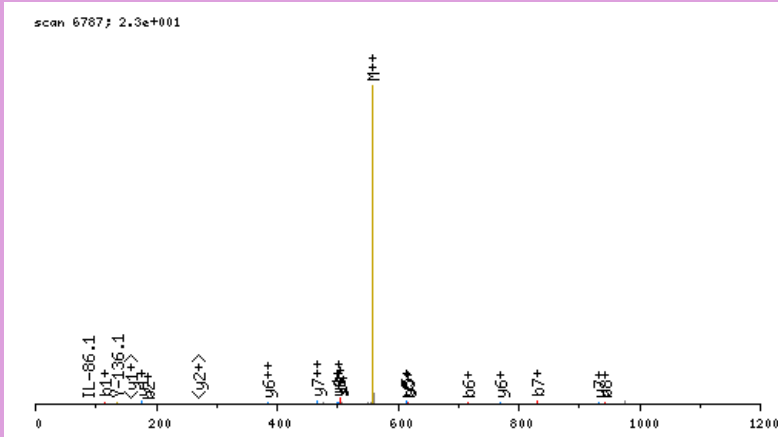
y + 2+ 3+

z + 2+ 3+

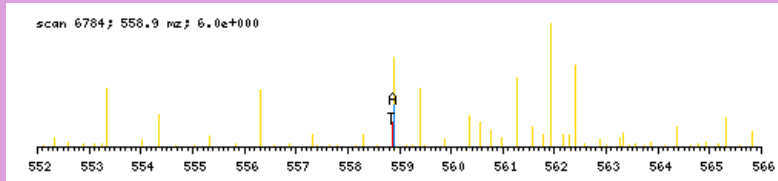
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

ACCLSEEAKEAR, MH+ 1499.7046, m/z 750.3559
 L OSG37 P180811 230811-s1.03895.03895.2.dta

scan 3895; 6.2e+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+

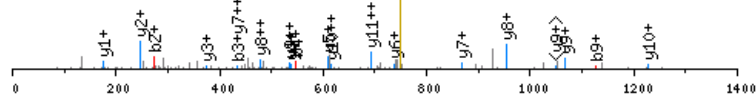
y + 2+ 3+

z + 2+ 3+

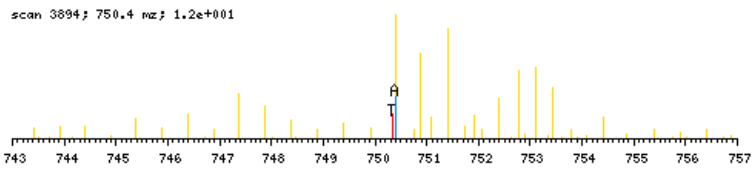
hide H₂O/NH₃

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⁺
114.0555	1	A	12	
274.0861	2	C	11	1386.6569
434.1167	3	C	10	1226.6263
547.2008	4	L	9	1066.5957
634.2328	5	S	8	953.5116
763.2754	6	E	7	866.4796
892.3180	7	E	6	737.4370
963.3551	8	A	5	608.3944
1125.5132	9	K	4	537.3573
1254.5558	10	E	3	375.1992
1325.5929	11	A	2	246.1566
	12	R	1	175.1195

N-term:+43.02 C(2):+160.03
 C(3):+160.03 K(9):+162.16

ACGLVASNLNLKPGECKLQVR, MH+ 2309.3110, m/z 1155.1591
 L OSG39 P180811 230811-s1.06257.06257.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

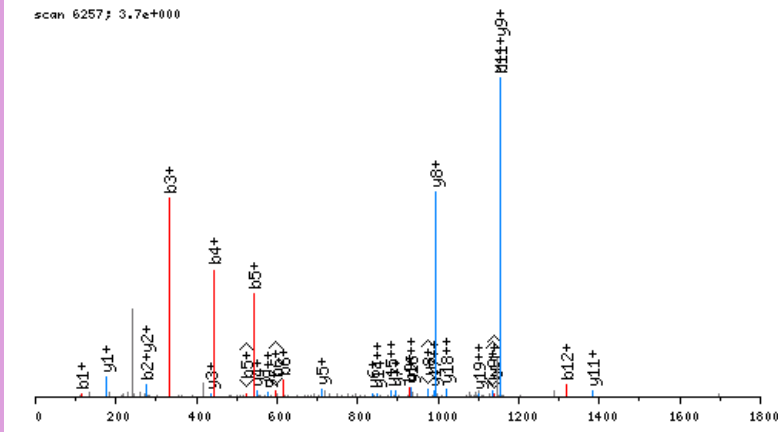
y + 2+ 3+

z + 2+ 3+

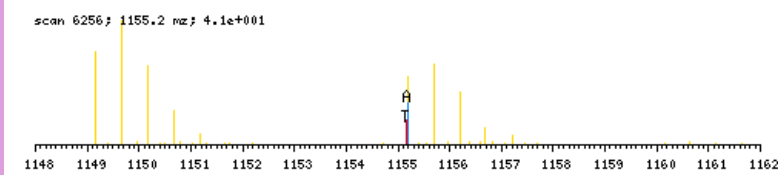
hide H₂O/NH₃

zoom 112-122

GO



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



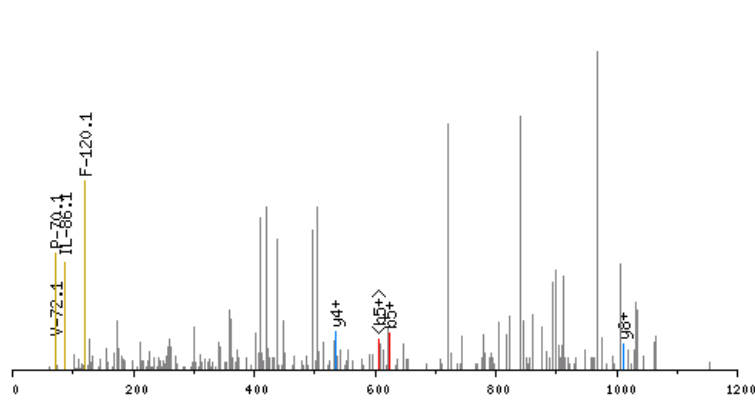
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

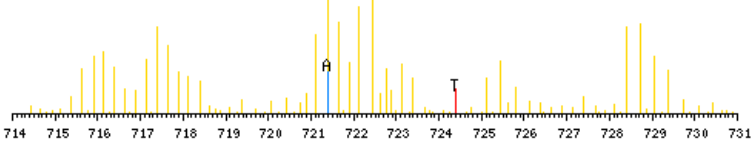
ACKMGKQEMVR, MH+ 1447.7860, m/z 724.3966
 L OSG36 P180811 230811-s1.06163.06163.2.dta

scan 6163; 5.8e-001



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

scan 6159; 724.4 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 11		
274.0861	2	C 10	1334.7383	667.8731
436.2442	3	K 9	1174.7077	587.8578
567.2847	4	M 8	1012.5496	506.7787
624.3062	5	G 7	881.5091	441.2585
786.4643	6	K 6	824.4877	412.7477
914.5228	7	Q 5	662.3296	331.6687
1043.5654	8	E 4	534.2710	267.6394
1174.6059	9	M 3	405.2284	203.1181
1273.6743	10	V 2	274.1879	137.5979
	11	R 1	175.1195	88.0637

N-term:+43.02 C(2):+160.03
 K(3):+162.16 K(6):+162.16

A meta-analysis of mass spectrometry data for the protein ADAAASPVGKR. The scan shown is 2230, with a relative intensity of 2.1e+001. The precursor ion is at m/z 556.8064, and the main peak is at m/z 556.8069. The data file is L OSG37 P180811 230811-s1.02230.02230.2.dta.

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

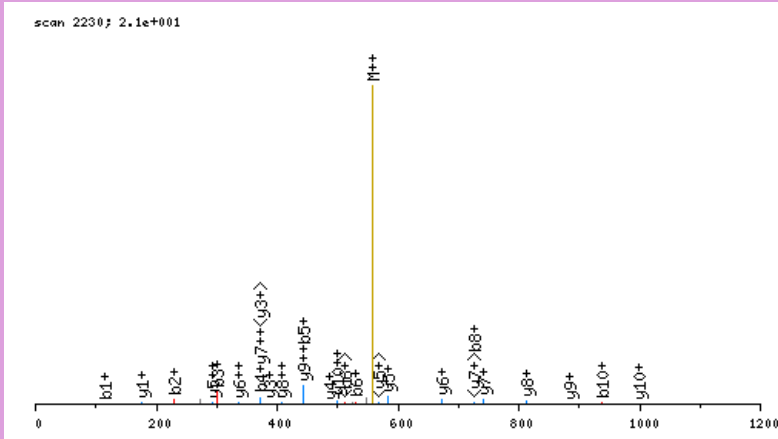
y + 2+ 3+

z + 2+ 3+

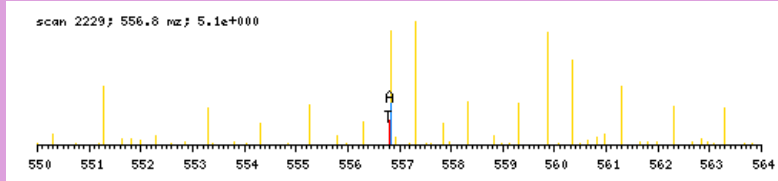
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	999.5588	500.2833
300.1196	3	A	9	884.5318	442.7698
371.1567	4	A	8	813.4947	407.2513
442.1938	5	A	7	742.4576	371.7327
529.2258	6	S	6	671.4205	336.2141
626.2786	7	P	5	584.3884	292.6981
725.3470	8	V	4	487.3357	244.1718
782.3685	9	G	3	388.2673	194.6375
938.4948	10	K	2	331.2458	166.1268
	11	R	1	175.1195	88.0637

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

ADDVDQQQTINTVVEEPLDLIR, MH+ 2442.1636, m/z 814.7261
 L OSG41 P180811 230811-s1.07166.07166.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

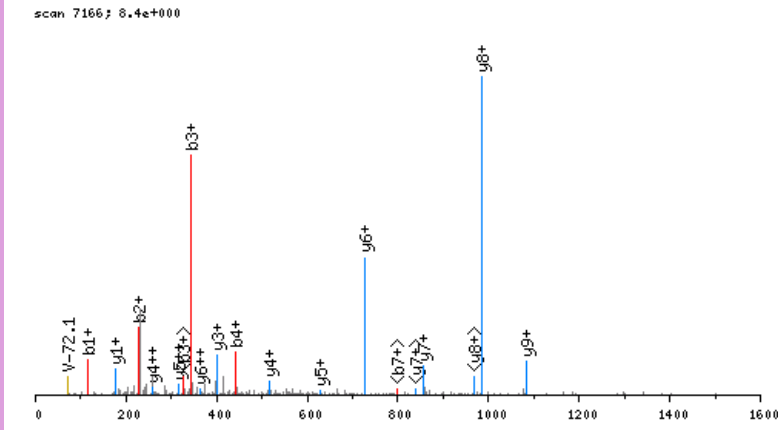
y + 2+ 3+

z + 2+ 3+

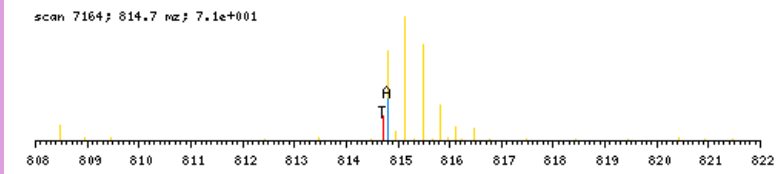
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG41 P180811 230811-s1.06775.06775.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

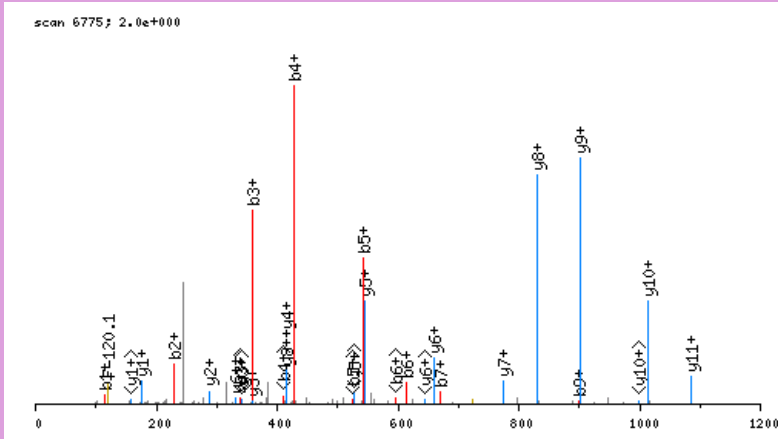
y + 2+ 3+

z + 2+ 3+

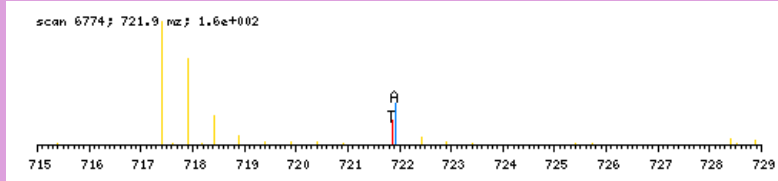
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

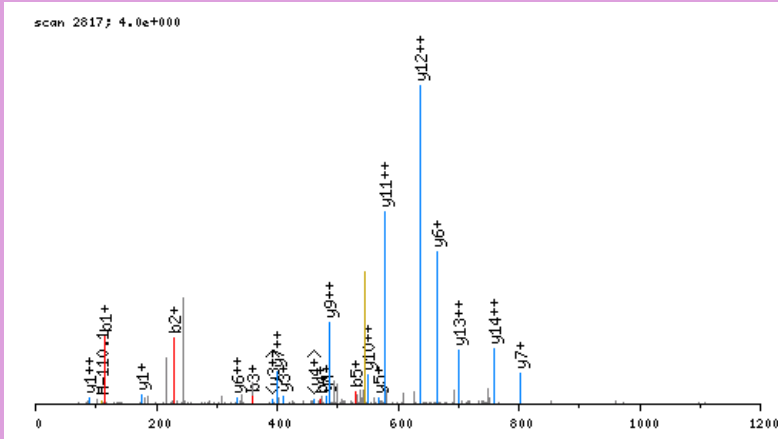
y + 2+ 3+

z + 2+ 3+

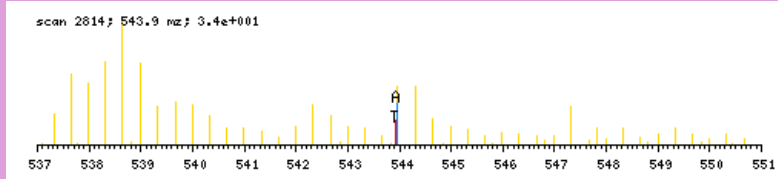
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG39 P180811 230811-s1.03687.03687.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

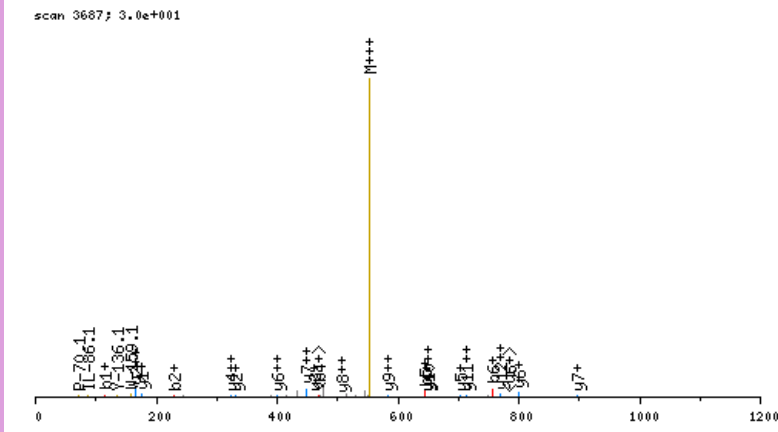
y + 2+ 3+

z + 2+ 3+

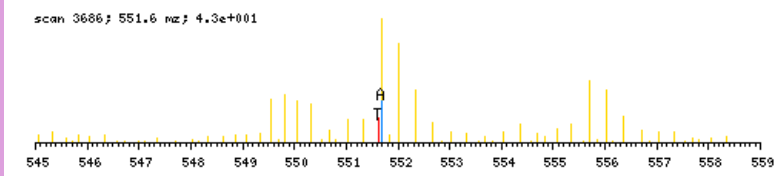
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

ADEIAKAQVAQPGGDTIFGKIIR, MH+ 2496.3827, m/z 624.8511
 L OSG38 P180811 230811-s1.07745.07745.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

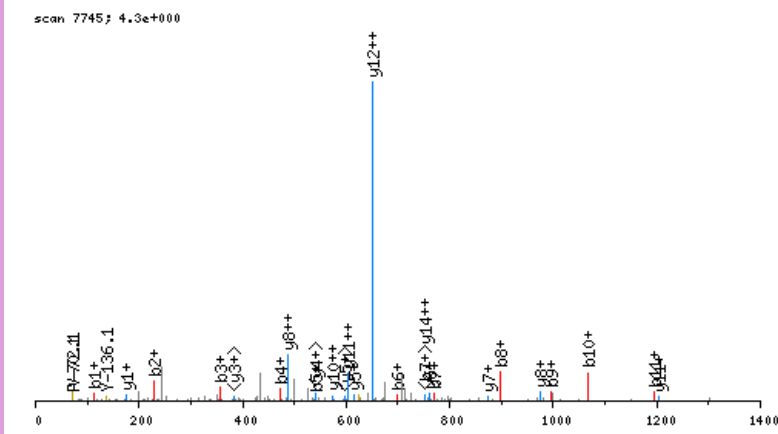
y + 2+ 3+

z + 2+ 3+

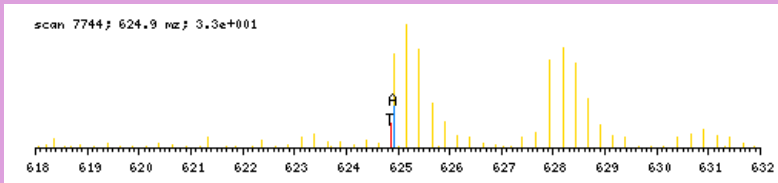
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG40 P180811 230811-s1.06498.06498.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

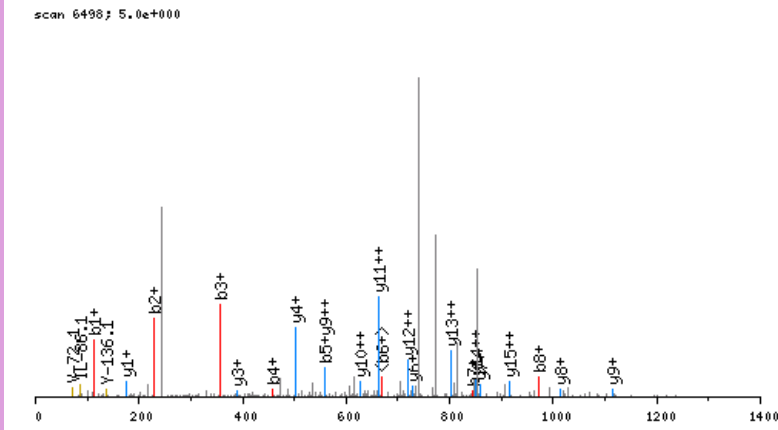
y + 2+ 3+

z + 2+ 3+

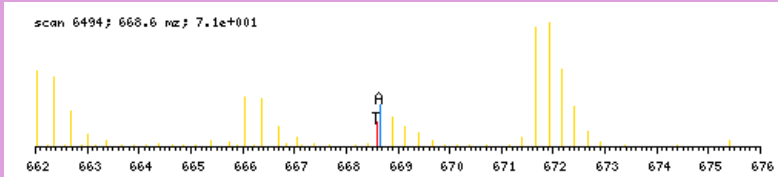
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	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
 L OSG41 P180811 230811-s1.04211.04211.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

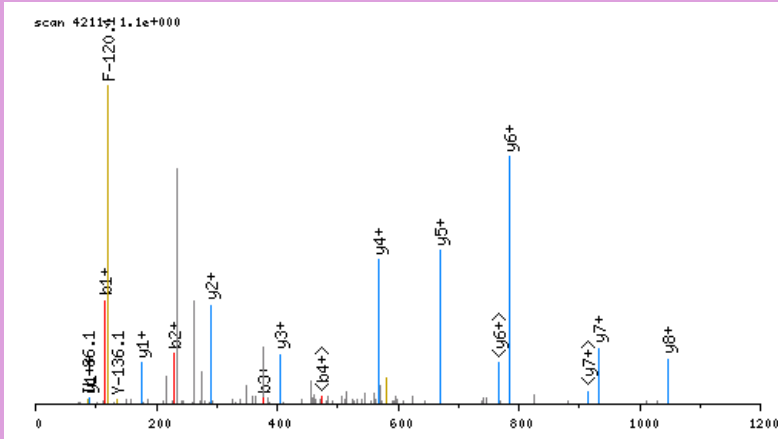
y + 2+ 3+

z + 2+ 3+

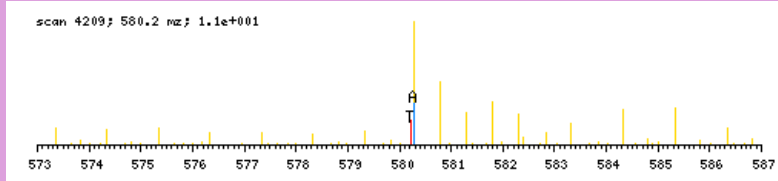
hide H₂O/NH₃

zoom 112-122

GO



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



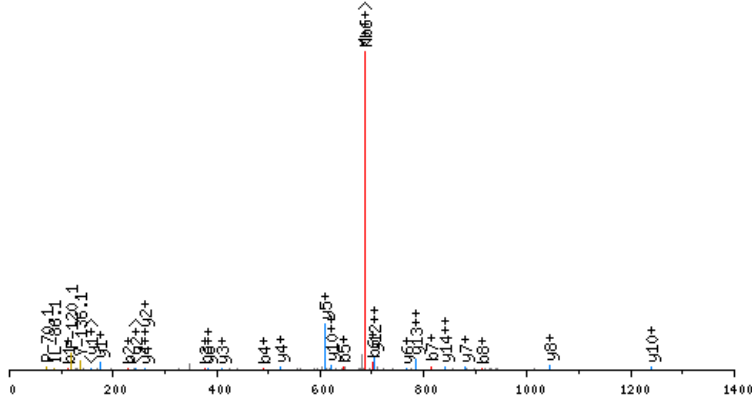
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

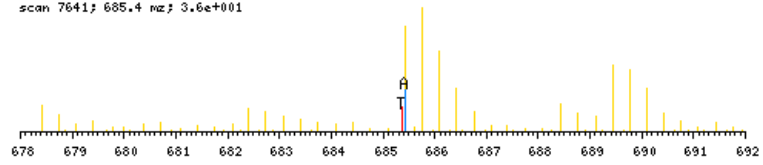
ADFLKGLPVYKNSNFSR, MH+ 2054.1076, m/z 685.3740
 L OSG39 P180811 230811-s1.07644.07644.3.dta

scan 7644; 1.2e+001



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

scan 7641; 685.4 nz; 3.6e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	17		
229.0825	2	D	16	1941.0599	971.0339
376.1509	3	F	15	1826.0329	913.5204
489.2349	4	L	14	1678.9645	839.9862
645.3612	5	K	13	1565.8805	783.4441
702.3827	6	G	12	1409.7542	705.3810
815.4668	7	L	11	1352.7327	676.8703
912.5195	8	P	10	1239.6486	620.3282
1011.5879	9	V	9	1142.5959	571.8018
1174.6513	10	Y	8	1043.5275	522.2676
1288.6942	11	N	7	880.4641	440.7360
1444.8205	12	K	6	766.4212	383.7145
1531.8525	13	S	5	610.2949	305.6514
1645.8955	14	N	4	523.2629	262.1353
1792.9639	15	F	3	409.2199	205.1139
1879.9959	16	S	2	262.1515	131.5797
	17	R	1	175.1195	88.0637

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

ADGELNVDSLIIR, MH+ 1444.7284, m/z 722.8678
 L OSG41 P180811 230811-s1.06965.06965.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

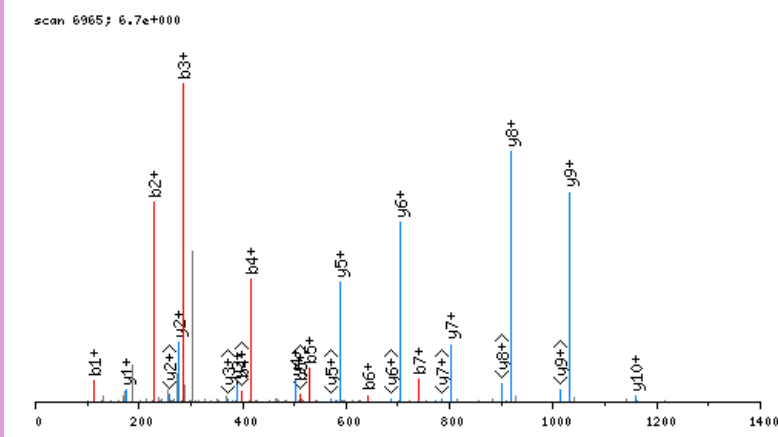
y + 2+ 3+

z + 2+ 3+

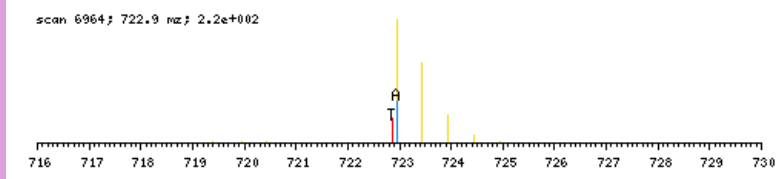
hide H₂O/NH₃

zoom 112-122

GO



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

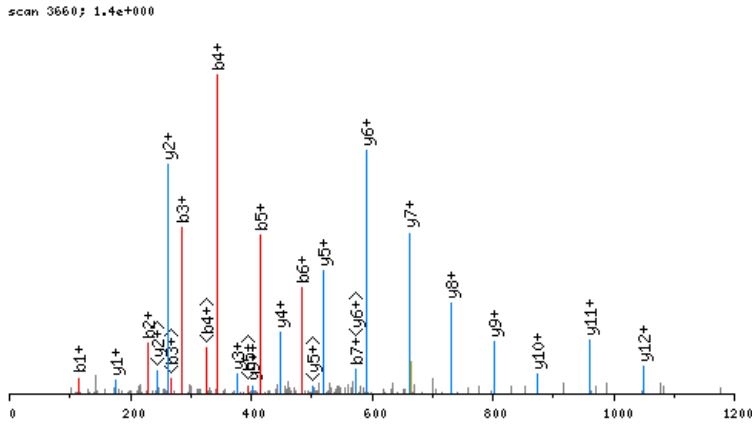


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

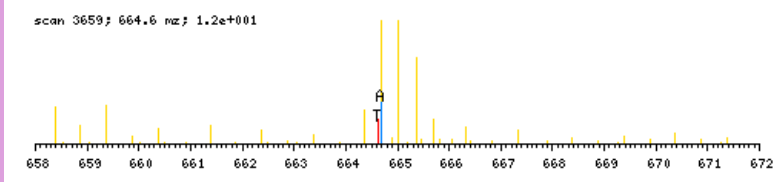
b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 13		
229.0825	2	D 12	1331.6807	666.3443
286.1039	3	G 11	1216.6537	608.8308
415.1465	4	E 10	1159.6323	580.3201
528.2306	5	L 9	1030.5897	515.7988
642.2735	6	N 8	917.5056	459.2567
741.3419	7	V 7	803.4627	402.2353
856.3689	8	D 6	704.3943	352.7011
943.4009	9	S 5	589.3673	295.1876
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
 L OSG41 P180811 230811-s1.03660.03660.3.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 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

ADGGGSPFLGR, MH+ 1075.5173, m/z 538.2623
 L OSG41 P180811 230811-s1.04593.04593.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

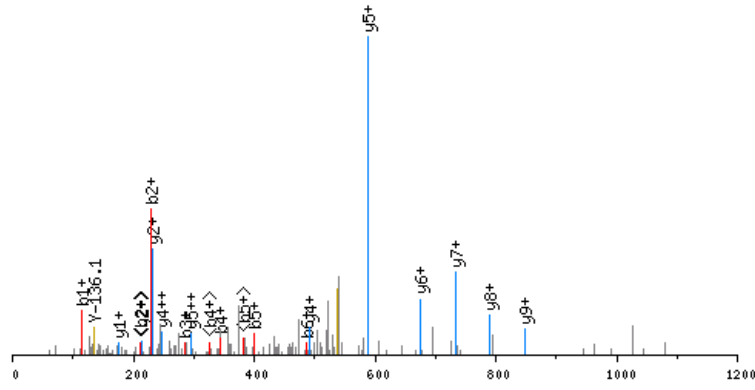
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

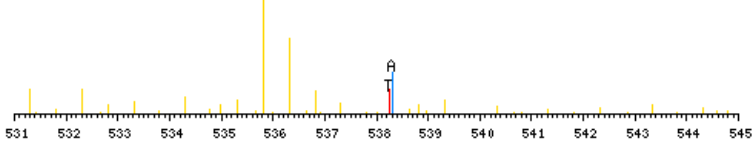
GO

scan 4593; 6.7e-001



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

scan 4589; 538.3 m/z; 3.1e+001



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	962.4696	481.7387
286.1039	3	G	9	847.4426	424.2252
343.1254	4	G	8	790.4212	395.7145
400.1468	5	G	7	733.3997	367.2038
487.1789	6	S	6	676.3782	338.6930
584.2316	7	P	5	589.3462	295.1770
731.3001	8	F	4	492.2934	246.6506
844.3841	9	L	3	345.2250	173.1164
901.4056	10	G	2	232.1410	116.5744
	11	R	1	175.1195	88.0637

N-term:+43.02

ADIDKLNIDSIIQR, MH+ 1689.9600, m/z 563.9915
 L OSG37 P180811 230811-s1.08525.08525.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

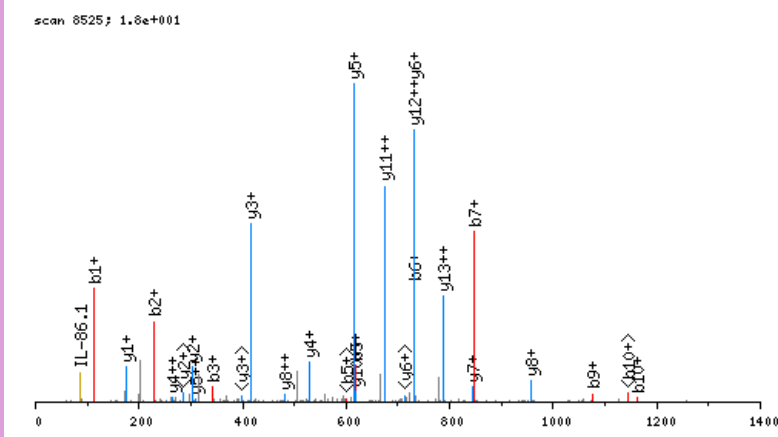
y + 2+ 3+

z + 2+ 3+

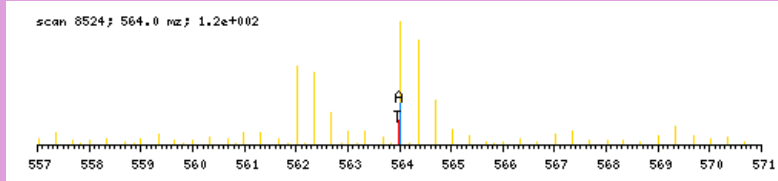
hide H₂O/NH₃

zoom 112-122

GO



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

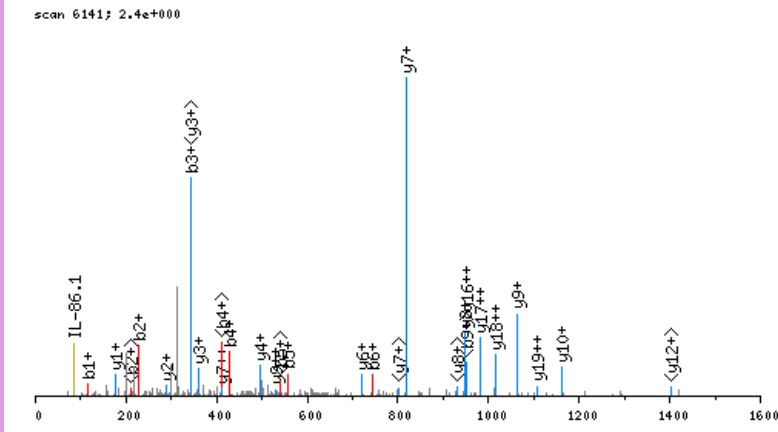


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

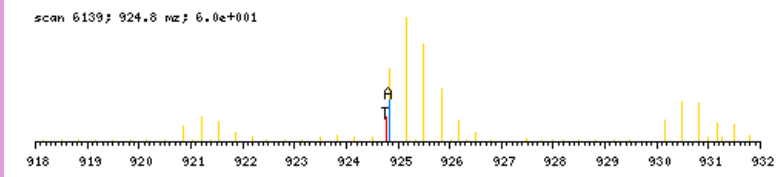
b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 14		
229.0825	2	D 13	1576.9123	788.9601
342.1665	3	I 12	1461.8853	731.4466
457.1935	4	D 11	1348.8013	674.9046
619.3516	5	K 10	1233.7743	617.3911
732.4356	6	L 9	1071.6162	536.3120
846.4786	7	N 8	958.5322	479.7700
959.5626	8	I 7	844.4892	422.7485
1074.5896	9	D 6	731.4052	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

ADISQWAGPLCLQEVDEPPQHALR, MH+ 2772.3415, m/z 924.7854
 L OSG36 P180811 230811-s1.06141.06141.3.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:

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		
229.0825	2	D 23	2659.2938	1330.1508
342.1665	3	I 22	2544.2669	1272.6373
429.1985	4	S 21	2431.1828	1216.0953
557.2571	5	Q 20	2344.1508	1172.5793
743.3364	6	W 19	2216.0922	1108.5500
814.3736	7	A 18	2030.0129	1015.5104
871.3950	8	G 17	1958.9758	979.9918
968.4478	9	P 16	1901.9543	951.4811
1081.5318	10	L 15	1804.9015	902.9547
1241.5624	11	C 14	1691.8175	846.4127
1354.6465	12	L 13	1531.7869	766.3974
1482.7051	13	Q 12	1418.7028	709.8553
1611.7477	14	E 11	1290.6442	645.8260
1710.8161	15	V 10	1161.6016	581.3047
1825.8430	16	D 9	1062.5332	531.7705
1954.8856	17	E 8	947.5063	474.2571
2051.9384	18	P 7	818.4637	409.7358
2148.9912	19	P 6	721.4109	361.2094
2277.0497	20	Q 5	624.3582	312.6830
2414.1086	21	H 4	496.2996	248.6537
2485.1458	22	A 3	359.2407	180.1243
2598.2298	23	L 2	288.2036	144.6057
	24	R 1	175.1195	88.0637

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

ADKEAAFDDAVEER, MH+ 1635.7503, m/z 818.3788
 L OSG37 P180811 230811-s1.04958.04958.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

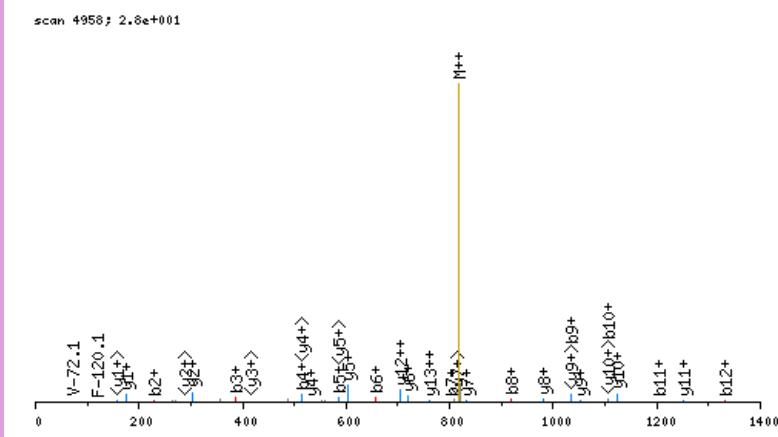
y + 2+ 3+

z + 2+ 3+

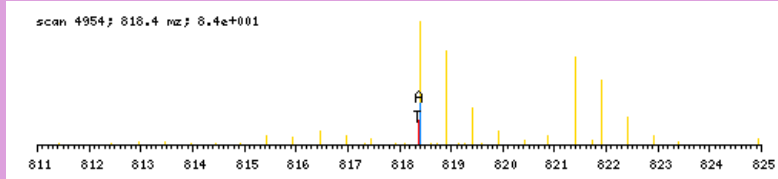
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1522.7026	761.8552
385.2088	3	K 12	1407.6756	704.3417
514.2514	4	E 11	1251.5493	626.2786
585.2885	5	A 10	1122.5067	561.7573
656.3256	6	A 9	1051.4696	526.2387
803.3940	7	F 8	980.4325	490.7202
918.4209	8	D 7	833.3641	417.1860
1033.4479	9	D 6	718.3372	359.6725
1104.4850	10	A 5	603.3102	302.1590
1203.5534	11	V 4	532.2731	266.6405
1332.5960	12	E 3	433.2047	217.1063
1461.6386	13	E 2	304.1621	152.5850
	14	R 1	175.1195	88.0637

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

ADKMDMSLDDIIKLNR, MH+ 1976.0197, m/z 659.3448
 L OSG39 P180811 230811-s1.07712.07712.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

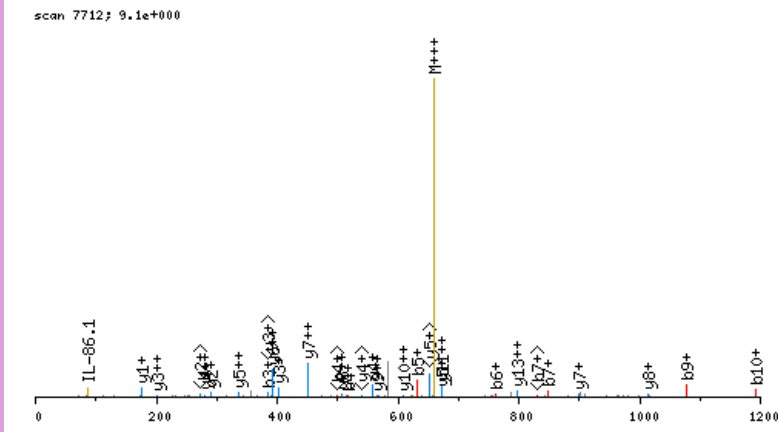
y + 2+ 3+

z + 2+ 3+

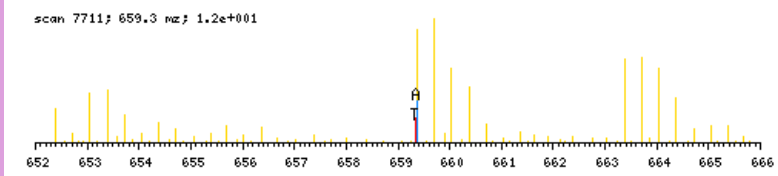
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1862.9721	931.9899
385.2088	3	K 14	1747.9451	874.4765
516.2492	4	M 13	1591.8188	796.4133
631.2762	5	D 12	1460.7783	730.8931
762.3167	6	M 11	1345.7514	673.3796
849.3487	7	S 10	1214.7109	607.8594
962.4328	8	L 9	1127.6789	564.3433
1077.4597	9	D 8	1014.5948	507.8013
1192.4866	10	D 7	899.5679	450.2878
1305.5707	11	I 6	784.5409	392.7744
1418.6548	12	I 5	671.4569	336.2323
1574.7811	13	K 4	558.3728	279.6903
1687.8651	14	L 3	402.2465	201.6272
1801.9081	15	N 2	289.1624	145.0851
	16	R 1	175.1195	88.0637

N-term:+43.02 K(3):+156.13
 K(13):+156.13

ADLEEQLSDEEKVR, MH+ 1736.8767, m/z 579.6304
 L OSG37 P180811 230811-s1.06402.06402.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

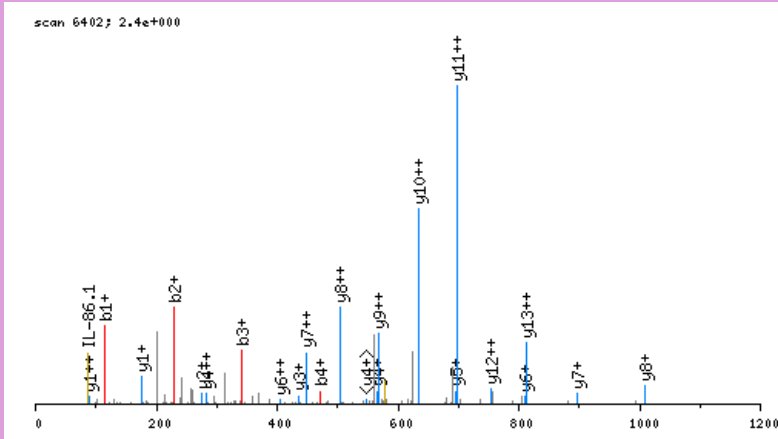
y + 2+ 3+

z + 2+ 3+

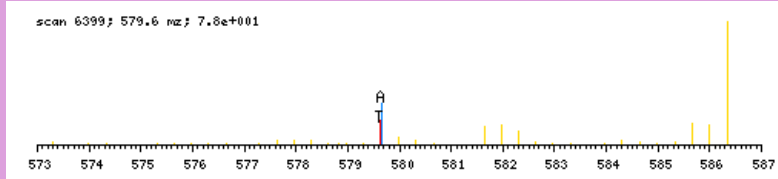
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

ADLPPPEEEK, MH+ 1200.6213, m/z 600.8143
 L OSG37 P180811 230811-s1.02811.02811.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

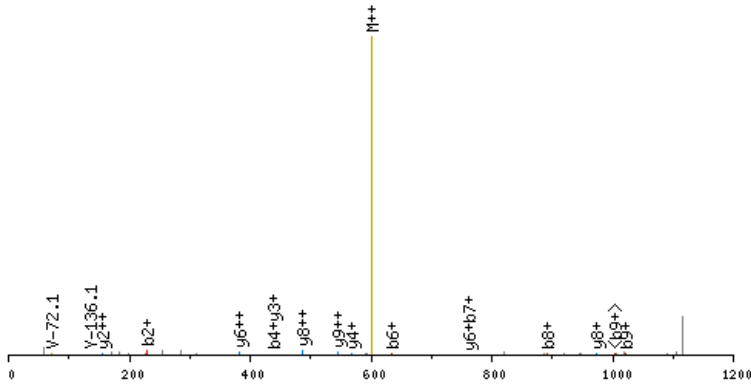
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

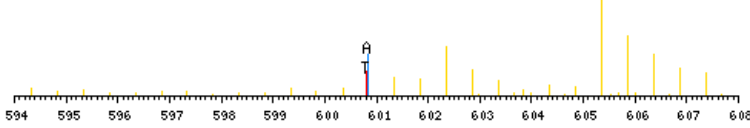
GO

scan 2811; 1.9e+001



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

scan 2809; 600.8 m/z; 8.8e+001



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	1087.5736	544.2907
342.1665	3	L 8	972.5466	486.7772
439.2193	4	P 7	859.4626	430.2352
536.2720	5	P 6	762.4098	381.7088
633.3248	6	P 5	665.3570	333.1824
762.3674	7	E 4	568.3043	284.6560
891.4100	8	E 3	439.2617	220.1348
1020.4526	9	E 2	310.2191	155.6135
	10	K 1	181.1765	91.0922

N-term:+43.02 K(10):+162.16

ADLSLVDALTEPPPEIEGEIKR, MH+ 2462.3031, m/z 821.4392
L OSG37 P180811 230811-s1.08847.08847.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

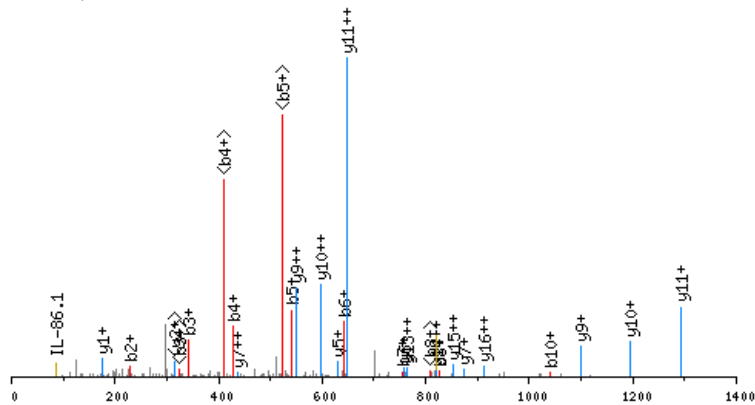
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

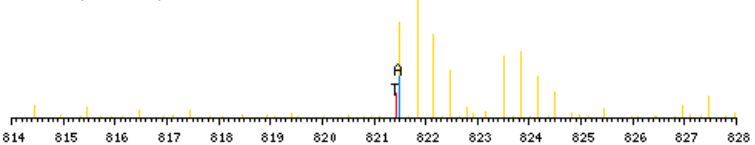
GO

scan 8847; 2.5e+000



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

scan 8844; 821.4 mz; 1.5e+001



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	2349.2554	1175.1316
342.1665	3	L	20	2234.2284	1117.6181
429.1985	4	S	19	2121.1444	1061.0761
542.2826	5	L	18	2034.1123	1017.5601
641.3510	6	V	17	1921.0283	961.0180
756.3780	7	D	16	1821.9599	911.4838
827.4151	8	A	15	1706.9329	853.9704
940.4991	9	L	14	1635.8958	818.4518
1041.5468	10	T	13	1522.8117	761.9098
1170.5894	11	E	12	1421.7641	711.3859
1267.6422	12	P	11	1292.7215	646.8646
1364.6949	13	P	10	1195.6687	598.3383
1461.7477	14	P	9	1098.6159	549.8119
1590.7903	15	E	8	1001.5632	501.2855
1703.8744	16	I	7	872.5206	436.7642
1832.9170	17	E	6	759.4365	380.2222
1889.9384	18	G	5	630.3939	315.7009
2018.9810	19	E	4	573.3725	287.1901
2132.0651	20	I	3	444.3299	222.6688
2288.1914	21	K	2	331.2458	166.1268
	22	R	1	175.1195	88.0637

N-term:+43.02 K(21):+156.13

ADMQLNVER, MH+ 1117.5312, m/z 559.2692
 L OSG41 P180811 230811-s1.04907.04907.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

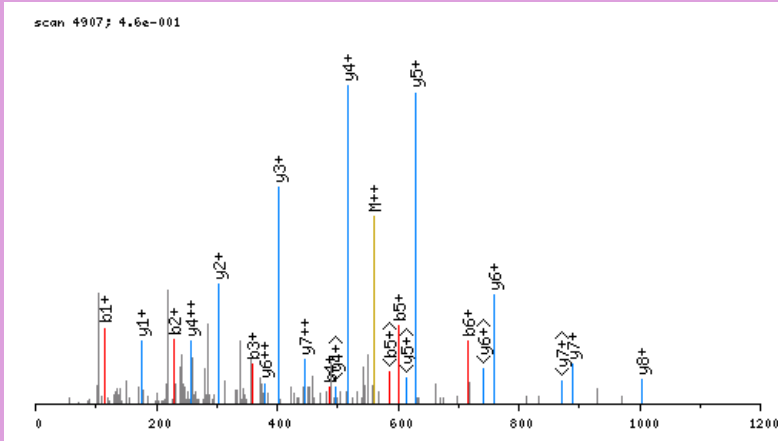
y + 2+ 3+

z + 2+ 3+

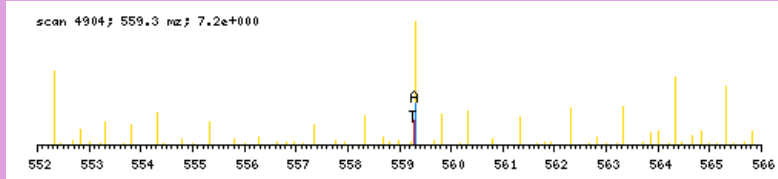
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

ADNAFSFR, MH+ 969.4430, m/z 485.2252
 L OSG41 P180811 230811-s1.05253.05253.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

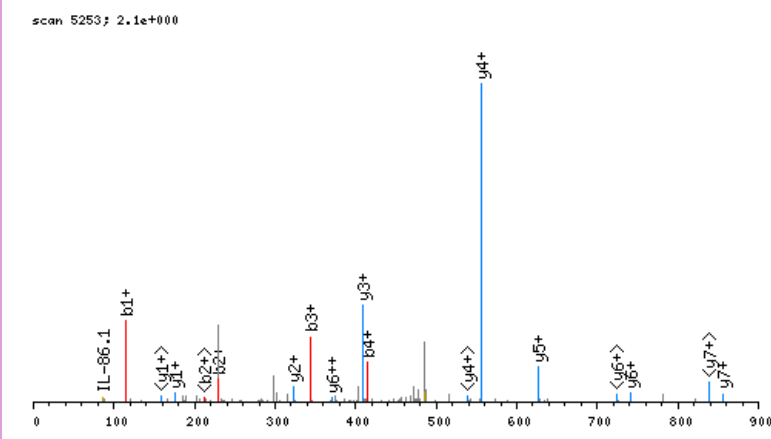
y + 2+ 3+

z + 2+ 3+

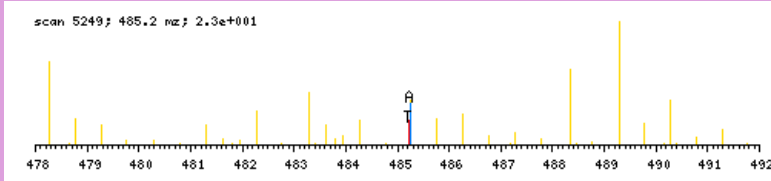
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
229.0825	2	D 7	856.3953	428.7016
343.1254	3	N 6	741.3684	371.1881
414.1625	4	A 5	627.3255	314.1666
561.2309	5	F 4	556.2884	278.6481
648.2629	6	S 3	409.2199	205.1139
795.3314	7	F 2	322.1879	161.5979
	8	R 1	175.1195	88.0637

N-term:+43.02

ADNPVLELLLR, MH+ 1294.7371, m/z 647.8722
 L OSG41 P180811 230811-s1.07763.07763.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

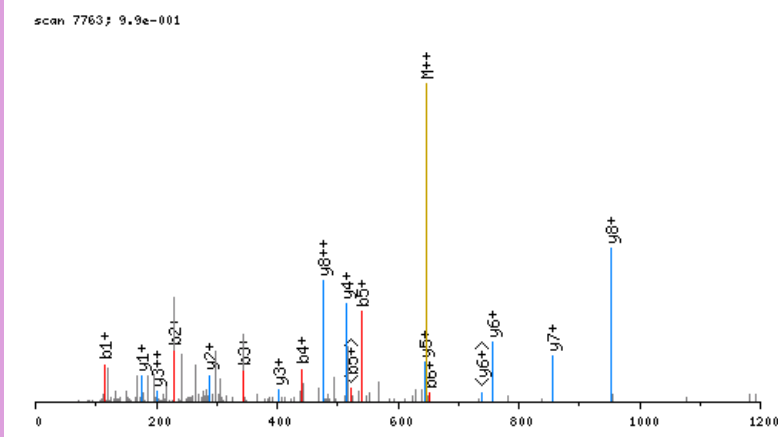
y + 2+ 3+

z + 2+ 3+

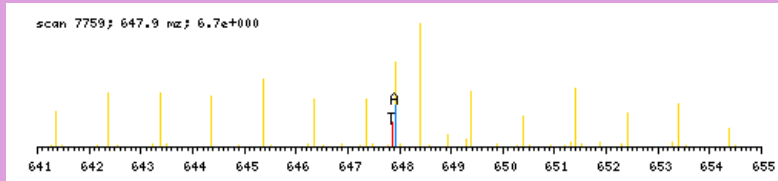
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1181.6894	591.3486
343.1254	3	N 9	1066.6625	533.8351
440.1781	4	P 8	952.6195	476.8137
539.2466	5	V 7	855.5668	428.2873
652.3306	6	L 6	756.4983	378.7531
781.3732	7	E 5	643.4143	322.2111
894.4573	8	L 4	514.3717	257.6898
1007.5413	9	L 3	401.2876	201.1477
1120.6254	10	L 2	288.2036	144.6057
	11	R 1	175.1195	88.0637

N-term:+43.02

ADPEPWSQIGR, MH+ 1384.6497, m/z 692.8285
 L OSG41 P180811 230811-s1.05887.05887.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

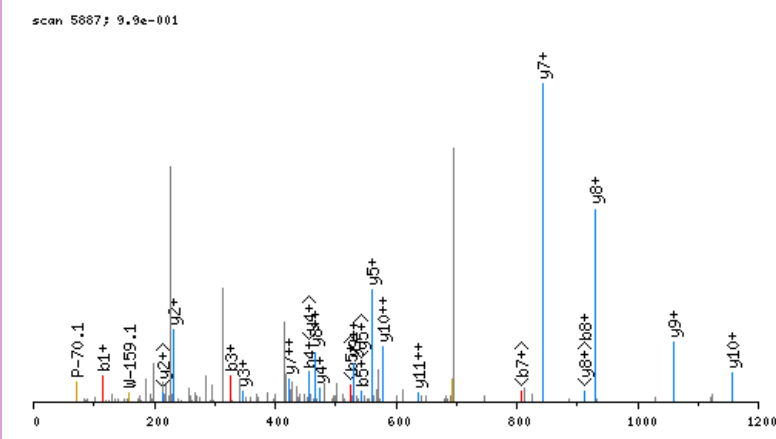
y + 2+ 3+

z + 2+ 3+

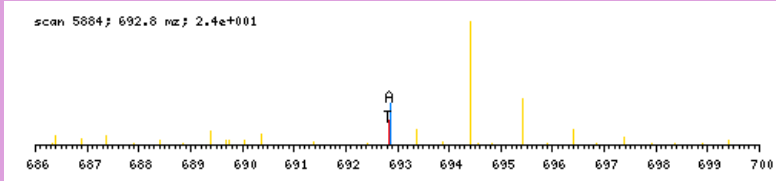
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

ADQGAMAAADIAR, MH+ 1302.6112, m/z 651.8093
 L OSG41 P180811 230811-s1.04670.04670.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

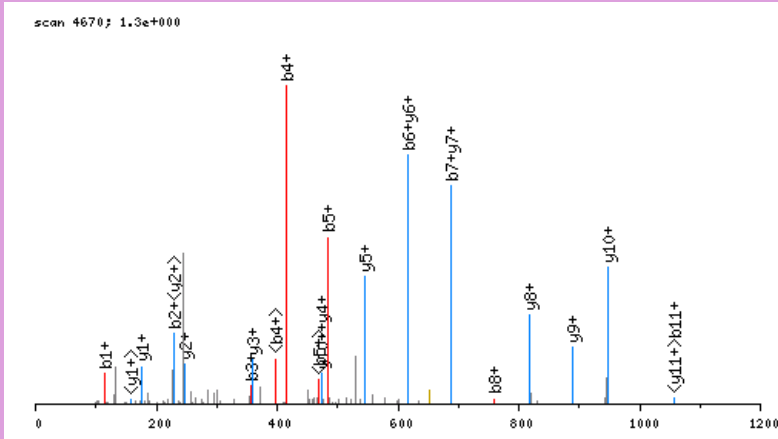
y + 2+ 3+

z + 2+ 3+

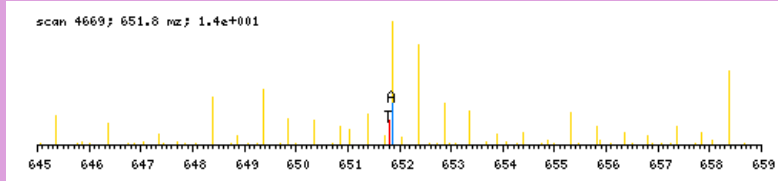
hide H₂O/NH₃

zoom 112-122

GO



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



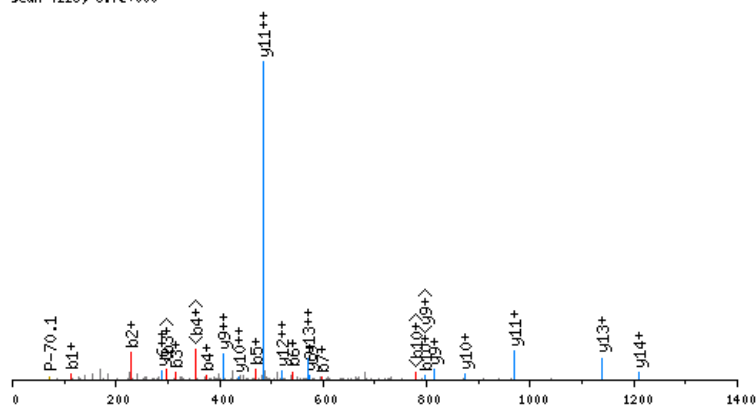
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
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

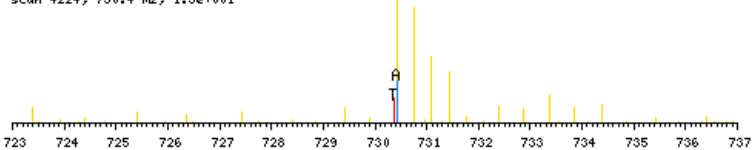
ADSGPAGGAALAAPAPGPGSGSTGPR, MH+ 2189.0587, m/z 730.3578
 L OSG41 P180811 230811-s1.04226.04226.3.dta

scan 4226; 5.7e+000



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

scan 4224; 730.4 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⁺
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+ 1075.6324, m/z 538.3199
 L OSG38 P180811 230811-s1.02505.02505.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

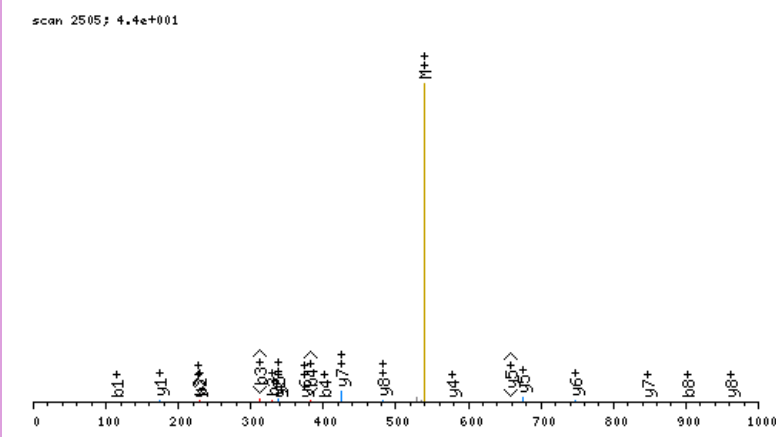
y + 2+ 3+

z + 2+ 3+

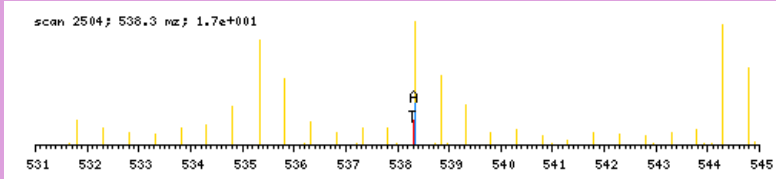
hide H₂O/NH₃

zoom 112-122

GO



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



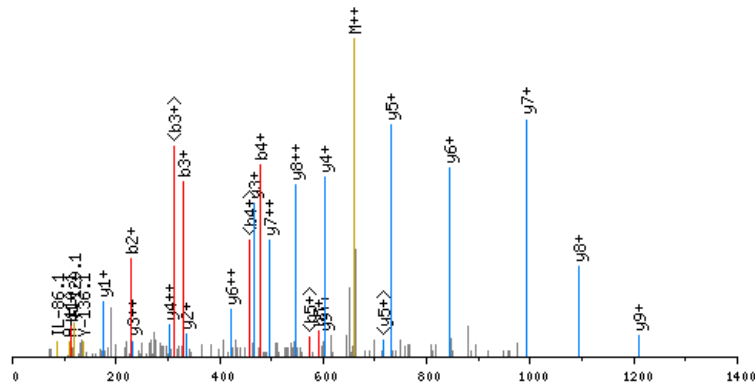
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A	9	
229.0825	2	D	8	962.5847 481.7963
330.1301	3	T	7	847.5578 424.2828
401.1672	4	A	6	746.5101 373.7590
498.2200	5	P	5	675.4730 338.2404
626.2786	6	Q	4	578.4202 289.7140
739.3627	7	L	3	450.3617 225.6847
901.5208	8	K	2	337.2776 169.1427
	9	R	1	175.1195 88.0637

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

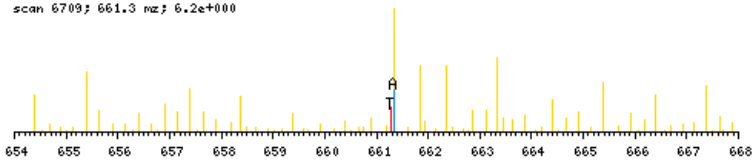
ADTFLEHMCR, MH+ 1321.5669, m/z 661.2871
 L OSG38 P180811 230811-s1.06711.06711.2.dta

scan 6711; 5.7e-001



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

scan 6709; 661.3 m/z; 6.2e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
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

ADTPSVYETR, MH+ 1180.5486, m/z 590.7779
 L OSG41 P180811 230811-s1.03371.03371.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

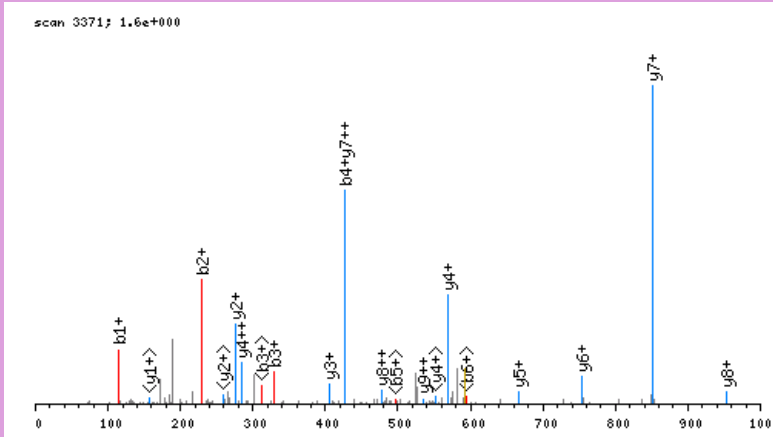
y + 2+ 3+

z + 2+ 3+

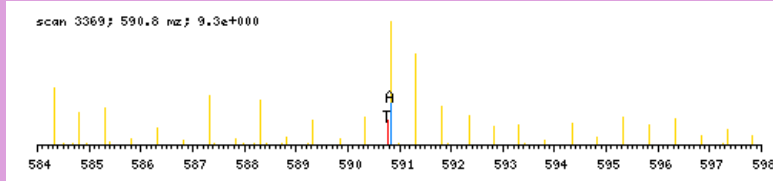
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
330.1301	3	T	8	952.4740
427.1829	4	P	7	851.4263
514.2149	5	S	6	754.3735
613.2833	6	V	5	667.3415
776.3467	7	Y	4	568.2731
905.3893	8	E	3	405.2098
1006.4369	9	T	2	276.1672
	10	R	1	175.1195

N-term:+43.02

ADTQYILPNDIGVSSLDLDCR, MH+ 2179.0341, m/z 727.0162
 L OSG41 P180811 230811-s1.07180.07180.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

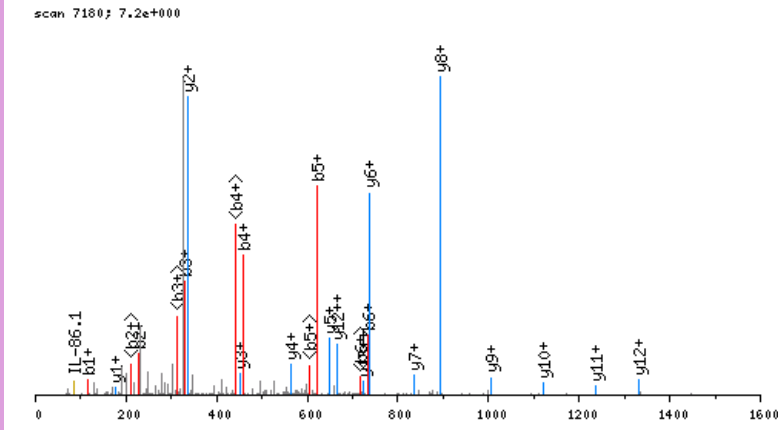
y + 2+ 3+

z + 2+ 3+

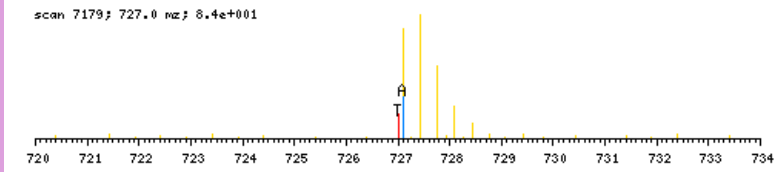
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
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

ADTYAVVQKR, MH+ 1220.6640, m/z 610.8356
 L OSG37 P180811 230811-s1.03525.03525.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

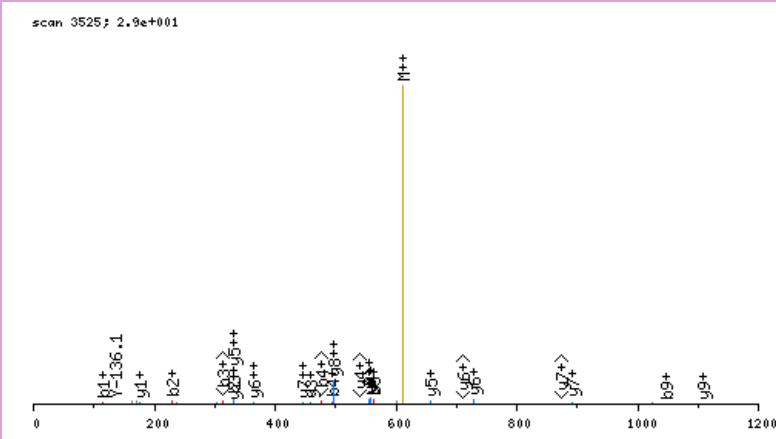
y + 2+ 3+

z + 2+ 3+

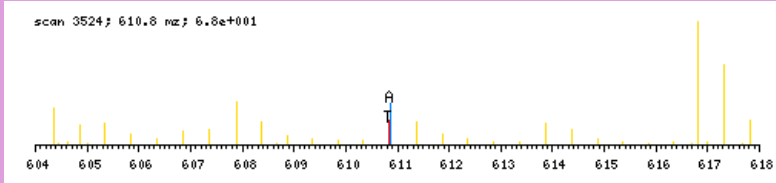
hide H₂O/NH₃

zoom 112-122

GO



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

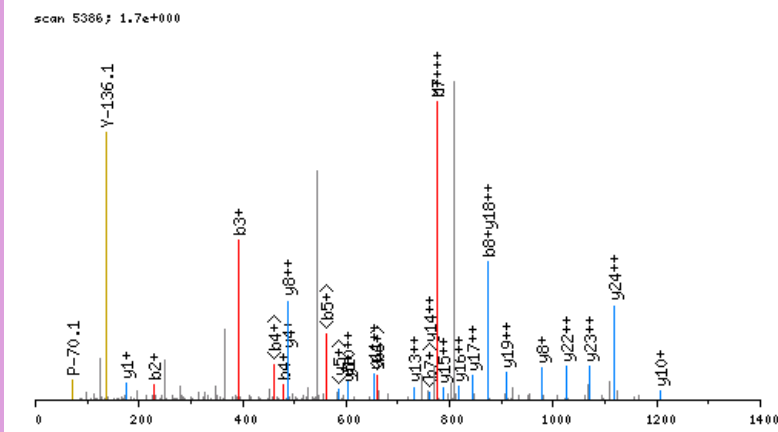


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

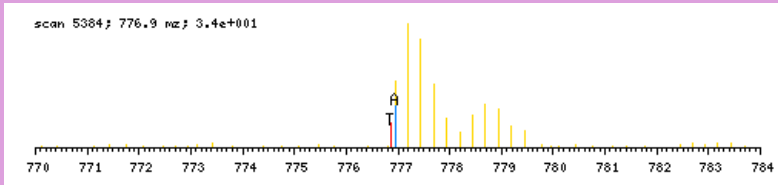
b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A	10	
229.0825	2	D	9	1107.6163 554.3120
330.1301	3	T	8	992.5893 496.7986
493.1935	4	Y	7	891.5416 446.2747
564.2306	5	A	6	728.4783 364.7431
663.2990	6	V	5	657.4412 329.2245
762.3674	7	V	4	558.3728 279.6903
890.4260	8	Q	3	459.3044 230.1561
1046.5523	9	K	2	331.2458 166.1268
	10	R	1	175.1195 88.0637

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

ADYSTVPPSSGSAGGGGGVVNDAFKDALQR, MH+ 3104.4925, m/z 776.8786
 L OSG36 P180811 230811-s1.05386.05386.4.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⁺
114.0555	1	A	32		
229.0825	2	D	31	2991.4449	1496.2263
392.1458	3	Y	30	2876.4179	1438.7129
479.1778	4	S	29	2713.3546	1357.1812
580.2255	5	T	28	2626.3226	1313.6652
679.2939	6	V	27	2525.2749	1263.1414
776.3467	7	P	26	2426.2065	1213.6071
873.3994	8	P	25	2329.1537	1165.0808
970.4522	9	P	24	2232.1009	1116.5544
1057.4842	10	S	23	2135.0482	1068.0280
1144.5163	11	S	22	2048.0161	1024.5120
1201.5377	12	G	21	1960.9841	980.9960
1288.5697	13	S	20	1903.9627	952.4852
1359.6069	14	A	19	1816.9306	908.9692
1416.6283	15	G	18	1745.8935	873.4507
1473.6498	16	G	17	1688.8720	844.9399
1530.6713	17	G	16	1631.8506	816.4292
1587.6927	18	G	15	1574.8291	787.9185
1644.7142	19	G	14	1517.8077	759.4077
1701.7356	20	G	13	1460.7862	730.8970
1800.8041	21	V	12	1403.7647	702.3863
1899.8725	22	V	11	1304.6963	652.8521
2013.9154	23	N	10	1205.6279	603.3179
2128.9423	24	D	9	1091.5850	546.2964
2199.9795	25	A	8	976.5580	488.7829
2347.0479	26	F	7	905.5209	453.2644
2503.1742	27	K	6	758.4525	379.7302
2618.2011	28	D	5	602.3262	301.6670
2689.2382	29	A	4	487.2993	244.1535
2802.3223	30	L	3	416.2621	208.6350
2930.3809	31	Q	2	303.1781	152.0930
	32	R	1	175.1195	88.0637

N-term:+43.02 K(27):+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+

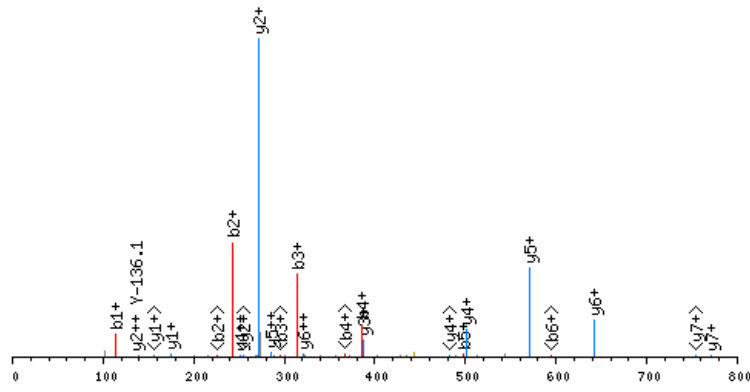
hide H₂O/NH₃

zoom 112-122

GO

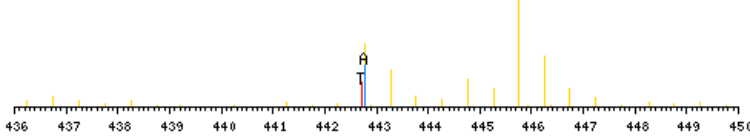
AEAAIDPR, MH+ 884.4478, m/z 442.7275
 L OSG41 P180811 230811-s1.03220.03220.2.dta

scan 3220; 4.9e+000



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

scan 3219; 442.7 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⁺
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

AEAEAAQLKEEGNR, MH+ 1591.8140, m/z 531.2762
 L OSG37 P180811 230811-s1.03990.03990.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

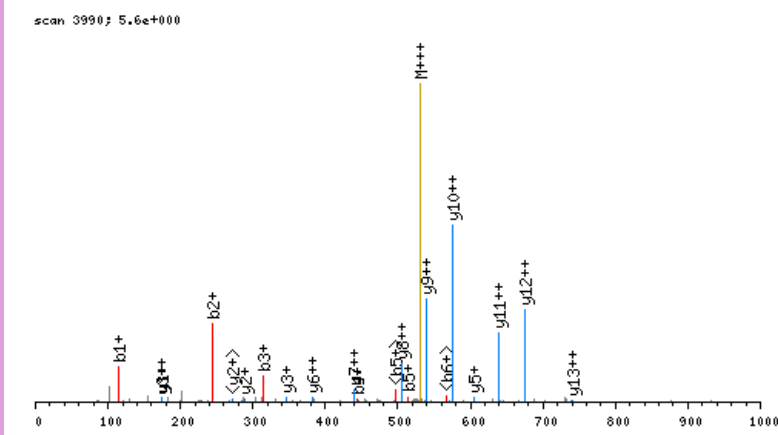
y + 2+ 3+

z + 2+ 3+

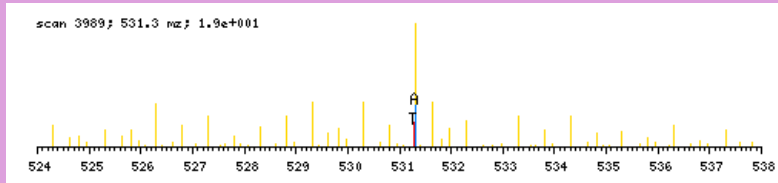
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 14		
243.0981	2	E 13	1478.7663	739.8871
314.1352	3	A 12	1349.7238	675.3658
443.1778	4	E 11	1278.6866	639.8472
514.2149	5	A 10	1149.6440	575.3259
585.2520	6	A 9	1078.6069	539.8074
713.3106	7	Q 8	1007.5698	504.2888
826.3947	8	L 7	879.5112	440.2595
988.5528	9	K 6	766.4272	383.7175
1117.5954	10	E 5	604.2691	302.6385
1246.6380	11	E 4	475.2265	238.1172
1303.6594	12	G 3	346.1839	173.5959
1417.7024	13	N 2	289.1624	145.0851
	14	R 1	175.1195	88.0637

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

AEAPQVVETDPDFEPLPR, MH+ 2051.9926, m/z 684.6690
 L OSG41 P180811 230811-s1.06632.06632.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

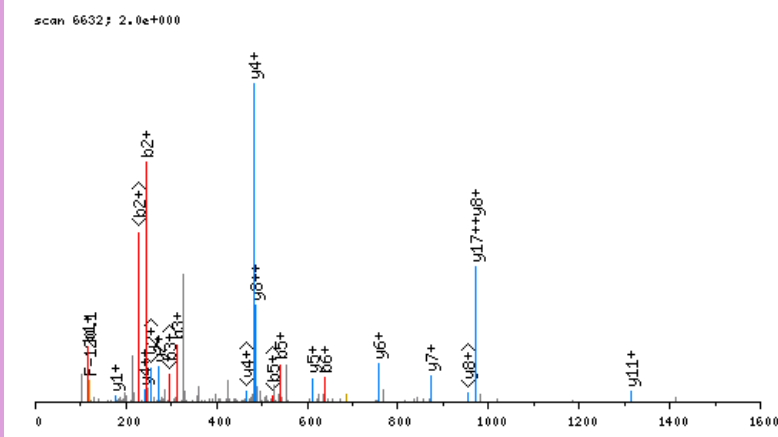
y + 2+ 3+

z + 2+ 3+

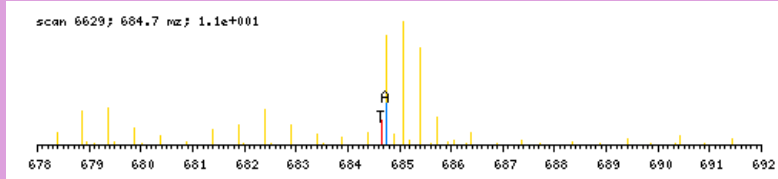
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
243.0981	2	E	17	1938.9449	969.9764
314.1352	3	A	16	1809.9023	905.4551
411.1880	4	P	15	1738.8652	869.9365
539.2466	5	Q	14	1641.8124	821.4101
638.3150	6	V	13	1513.7538	757.3808
737.3834	7	V	12	1414.6854	707.8466
866.4260	8	E	11	1315.6170	658.3124
967.4737	9	T	10	1186.5744	593.7911
1082.5006	10	D	9	1085.5267	543.2673
1179.5534	11	P	8	970.4998	485.7538
1294.5803	12	D	7	873.4470	437.2274
1441.6487	13	F	6	758.4201	379.7140
1570.6913	14	E	5	611.3517	306.1798
1667.7441	15	P	4	482.3091	241.6585
1780.8281	16	L	3	385.2563	193.1321
1877.8809	17	P	2	272.1723	136.5900
	18	R	1	175.1195	88.0637

N-term:+43.02

AEFPSKVSTR, MH+ 1191.6374, m/z 596.3223
 L OSG37 P180811 230811-s1.03727.03727.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

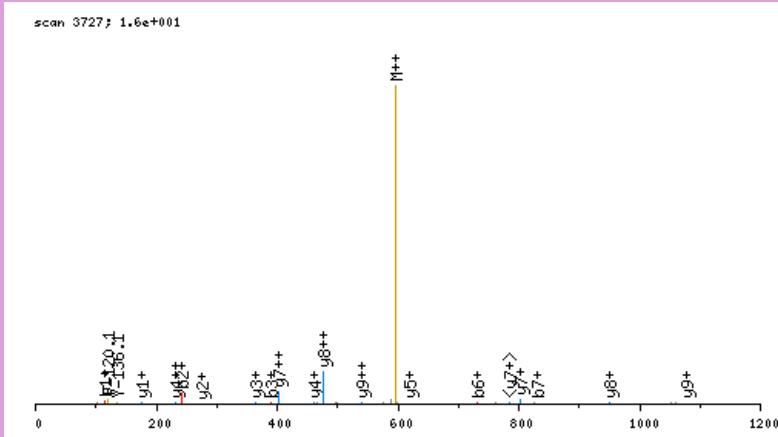
y + 2+ 3+

z + 2+ 3+

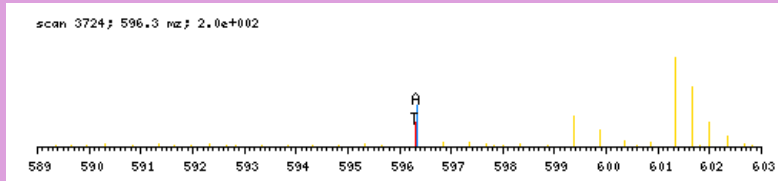
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1078.5897 539.7988
390.1665	3	F	8	949.5471 475.2775
487.2193	4	P	7	802.4787 401.7433
574.2513	5	S	6	705.4260 353.2169
730.3776	6	K	5	618.3939 309.7009
829.4460	7	V	4	462.2676 231.6377
916.4781	8	S	3	363.1992 182.1035
1017.5257	9	T	2	276.1672 138.5875
	10	R	1	175.1195 88.0637

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

AEGEDVGWWR, MH+ 1246.5493, m/z 623.7783
 L OSG41 P180811 230811-s1.06418.06418.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

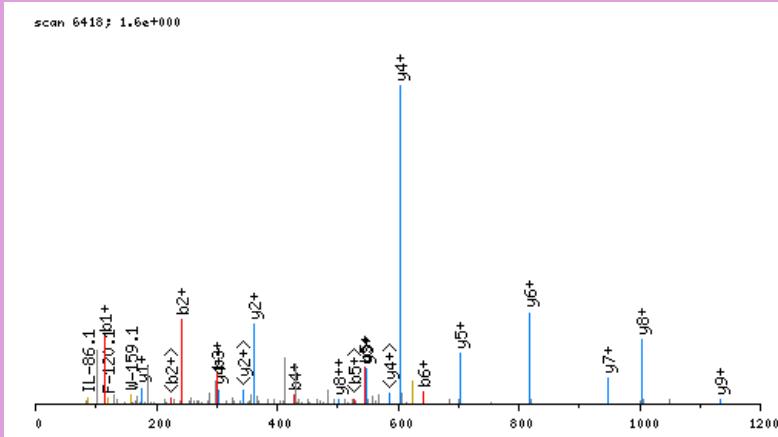
y + 2+ 3+

z + 2+ 3+

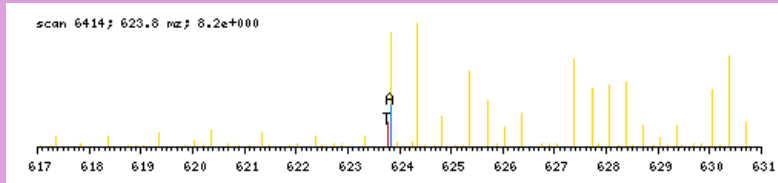
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1133.5016 567.2547
300.1196	3	G	8	1004.4590 502.7334
429.1622	4	E	7	947.4375 474.2227
544.1891	5	D	6	818.3949 409.7014
643.2575	6	V	5	703.3680 352.1879
700.2790	7	G	4	604.2996 302.6537
886.3583	8	W	3	547.2781 274.1430
1072.4376	9	W	2	361.1988 181.1033
	10	R	1	175.1195 88.0637

N-term:+43.02

AEGGAADLDTOR, MH+ 1245.5711, m/z 623.2892
 L OSG41 P180811 230811-s1.02931.02931.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

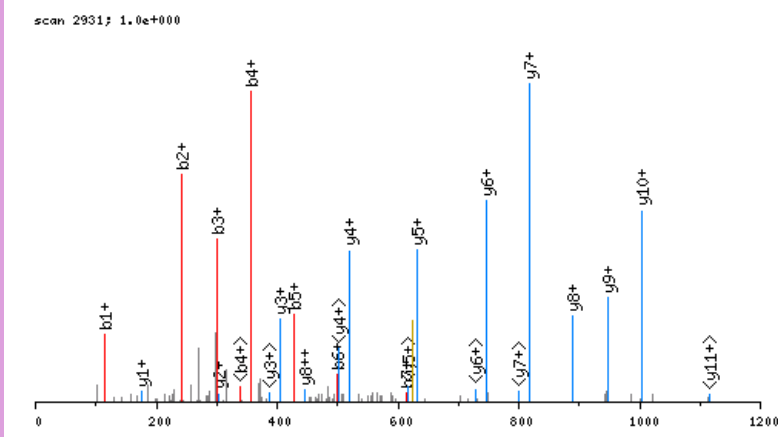
y + 2+ 3+

z + 2+ 3+

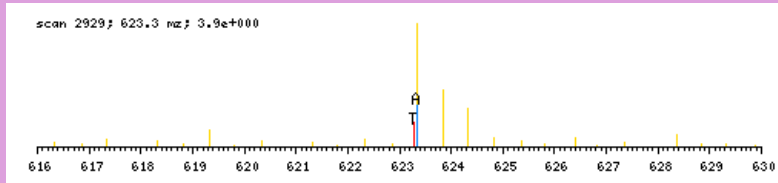
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	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

AEGGQAQQPPQLGPGAAAR, MH+ 1973.9793, m/z 658.6646
 L OSG41 P180811 230811-s1.03595.03595.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

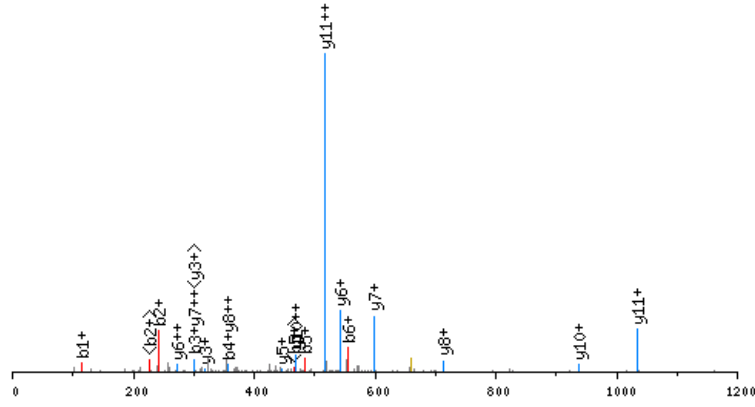
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

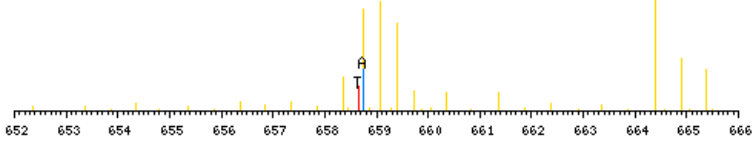
GO

scan 3595; 5.6e+000



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

scan 3594; 658.7 m/z; 1.5e+001



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	1860.9316	930.9697
300.1196	3	G	18	1731.8891	866.4484
357.1410	4	G	17	1674.8676	837.9377
485.1996	5	Q	16	1617.8461	809.4270
556.2367	6	A	15	1489.7875	745.3977
684.2953	7	Q	14	1418.7504	709.8791
812.3539	8	Q	13	1290.6919	645.8498
940.4125	9	Q	12	1162.6333	581.8206
1037.4652	10	P	11	1034.5747	517.7913
1134.5180	11	P	10	937.5219	469.2649
1262.5766	12	Q	9	840.4692	420.7385
1375.6606	13	L	8	712.4106	356.7092
1432.6821	14	G	7	599.3265	300.1672
1529.7349	15	P	6	542.3051	271.6564
1586.7563	16	G	5	445.2523	223.1301
1657.7934	17	A	4	388.2308	194.6193
1728.8305	18	A	3	317.1937	159.1008
1799.8677	19	A	2	246.1566	123.5822
	20	R	1	175.1195	88.0637

N-term:+43.02

AEGTAVLR, MH+ 858.4685, m/z 429.7379
 L OSG41 P180811 230811-s1.03291.03291.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

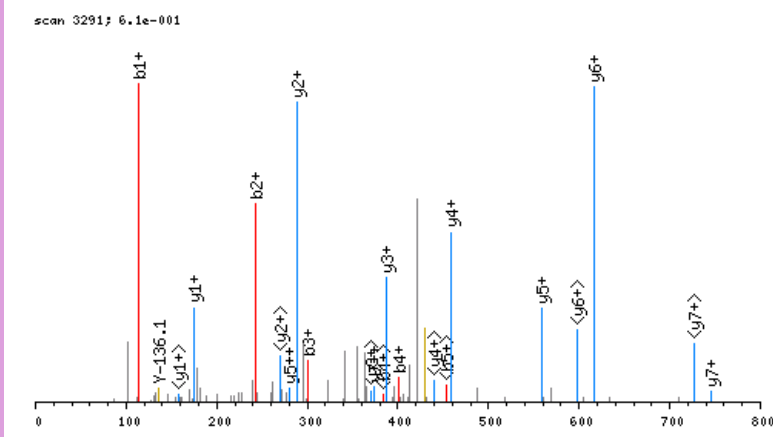
y + 2+ 3+

z + 2+ 3+

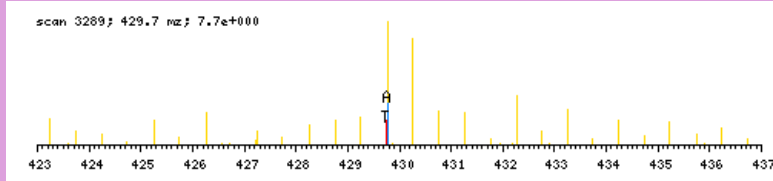
hide H₂O/NH₃

zoom 112-122

GO



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



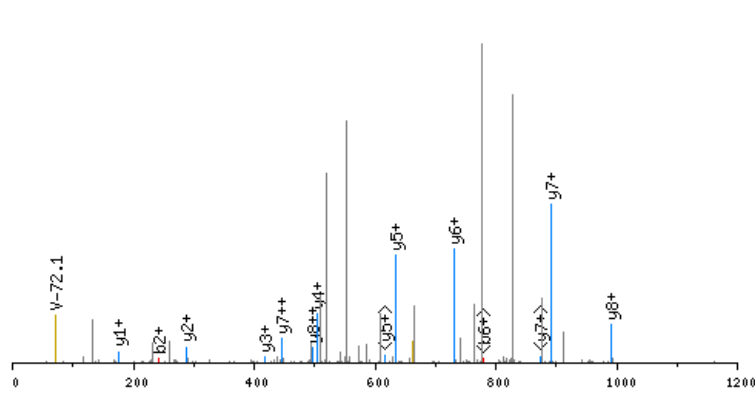
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 8		
243.0981	2	E 7	745.4208	373.2143
300.1196	3	G 6	616.3782	308.6930
401.1672	4	T 5	559.3568	280.1823
472.2044	5	A 4	458.3091	229.6585
571.2728	6	V 3	387.2720	194.1399
684.3568	7	L 2	288.2036	144.6057
	8	R 1	175.1195	88.0637

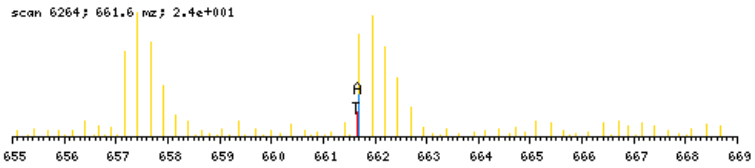
N-term:+43.02

AEKTQKSVKIAPGAVVCVESEIR, MH+ 2643.5604, m/z 661.6456
 L OSG40 P180811 230811-s1.06266.06266.4.dta

scan 6266; 4.2e+000



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 23		
243.0981	2	E 22	2530.5127	1265.7603
405.2562	3	K 21	2401.4701	1201.2390
506.3039	4	T 20	2239.3120	1120.1599
634.3625	5	Q 19	2138.2644	1069.6361
796.5206	6	K 18	2010.2058	1005.6068
883.5526	7	S 17	1848.0477	924.5278
982.6210	8	V 16	1761.0157	881.0117
1144.7791	9	K 15	1661.9472	831.4775
1257.8632	10	I 14	1499.7891	750.3985
1328.9003	11	A 13	1386.7051	693.8565
1425.9530	12	P 12	1315.6680	658.3379
1482.9745	13	G 11	1218.6152	609.8115
1554.0116	14	A 10	1161.5937	581.3008
1653.0800	15	V 9	1090.5566	545.7822
1752.1485	16	V 8	991.4882	496.2480
1912.1791	17	C 7	892.4198	446.7138
2011.2475	18	V 6	732.3892	366.6985
2140.2901	19	E 5	633.3208	317.1643
2227.3221	20	S 4	504.2782	252.6430
2356.3647	21	E 3	417.2462	209.1270
2469.4487	22	I 2	288.2036	144.6057
	23	R 1	175.1195	88.0637

N-term:+43.02 K(3):+162.16
 K(6):+162.16 K(9):+162.16
 C(17):+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

AELEEVTLDGKPLQALR, MH+ 1958.1023, m/z 653.3723
 L OSG36 P180811 230811-s1.06005.06005.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

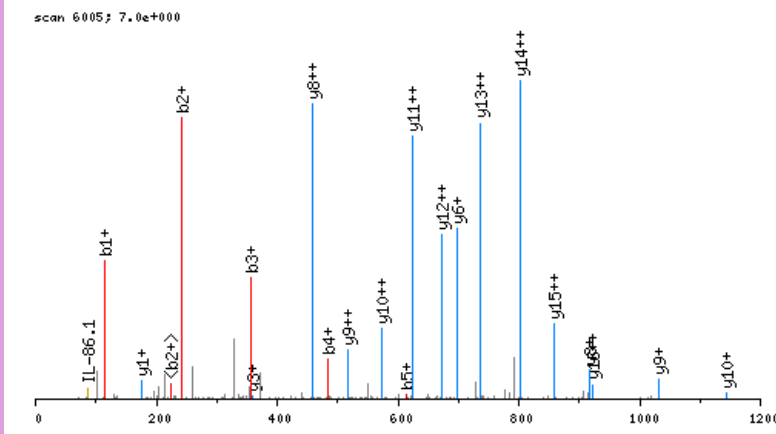
y + 2+ 3+

z + 2+ 3+

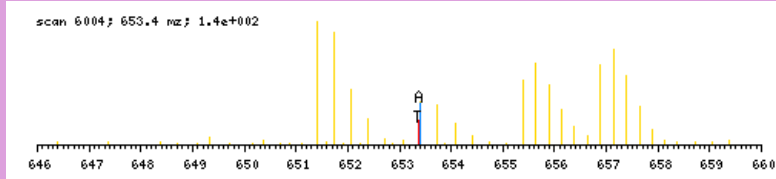
hide H₂O/NH₃

zoom 112-122

GO



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

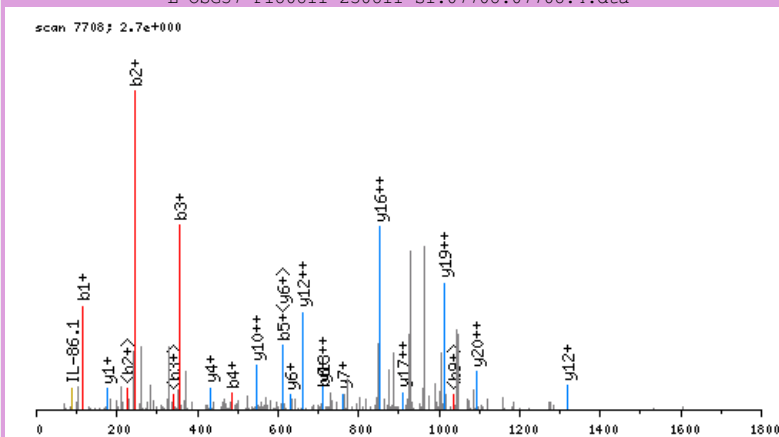


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

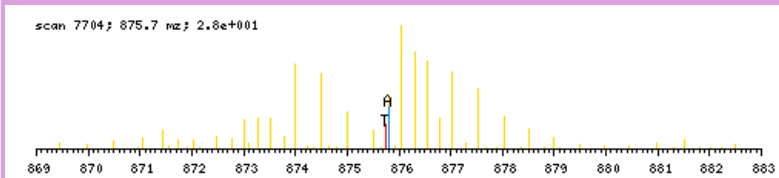
b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 17		
243.0981	2	E 16	1845.0546	923.0312
356.1822	3	L 15	1716.0120	858.5099
485.2248	4	E 14	1602.9279	801.9679
614.2674	5	E 13	1473.8853	737.4466
713.3358	6	V 12	1344.8427	672.9253
814.3834	7	T 11	1245.7743	623.3911
927.4675	8	L 10	1144.7267	572.8672
1042.4945	9	D 9	1031.6426	516.3252
1099.5159	10	G 8	916.6156	458.8117
1261.6740	11	K 7	859.5942	430.3010
1358.7268	12	P 6	697.4361	349.2220
1471.8108	13	L 5	600.3833	300.6956
1599.8694	14	Q 4	487.2993	244.1535
1670.9065	15	A 3	359.2407	180.1243
1783.9906	16	L 2	288.2036	144.6057
	17	R 1	175.1195	88.0637

N-term:+43.02 K(11):+162.16

AELQEVQITEEKPLLPQTPEAKEAELAAAR, MH+ 3499.9173, m/z 875.7348
 L OSG37 P180811 230811-sl.07708.07708.4.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

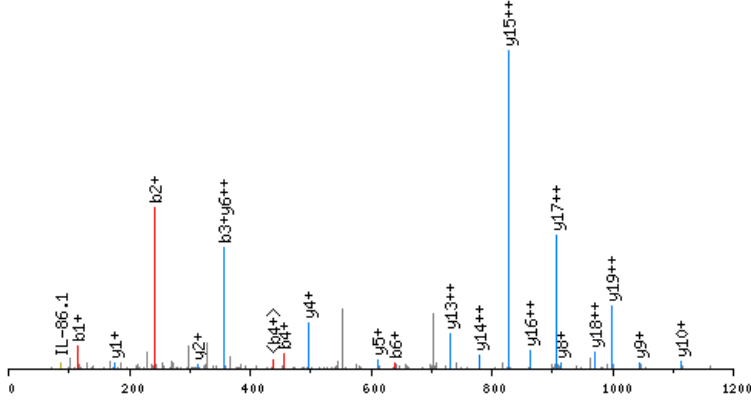
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	31		
243.0981	2	E	30	3386.8696	1693.9387
356.1822	3	L	29	3257.8270	1629.4174
484.2407	4	Q	28	3144.7429	1572.8754
613.2833	5	E	27	3016.6843	1508.8461
712.3518	6	V	26	2887.6417	1444.3248
840.4103	7	Q	25	2788.5733	1394.7906
953.4944	8	I	24	2660.5147	1330.7613
1054.5421	9	T	23	2547.4307	1274.2193
1183.5847	10	E	22	2446.3830	1223.6954
1312.6273	11	E	21	2317.3404	1159.1741
1474.7854	12	K	20	2188.2978	1094.6528
1571.8381	13	P	19	2026.1397	1013.5738
1684.9222	14	L	18	1929.0870	965.0474
1798.0063	15	L	17	1816.0029	908.5054
1895.0590	16	P	16	1702.9188	851.9633
1952.0805	17	G	15	1605.8661	803.4369
2080.1391	18	Q	14	1548.8446	774.9262
2181.1867	19	T	13	1420.7860	710.8969
2278.2395	20	P	12	1319.7383	660.3731
2407.2821	21	E	11	1222.6856	611.8467
2508.3298	22	T	10	1093.6430	547.3254
2579.3669	23	A	9	992.5953	496.8016
2741.5250	24	K	8	921.5582	461.2830
2870.5676	25	E	7	759.4001	380.2040
2941.6047	26	A	6	630.3575	315.6827
3070.6473	27	E	5	559.3204	280.1641
3183.7314	28	L	4	430.2778	215.6428
3254.7685	29	A	3	317.1937	159.1008
3325.8056	30	A	2	246.1566	123.5822
	31	R	1	175.1195	88.0637

N-term:+43.02 K(12):+162.16
 K(24):+162.16

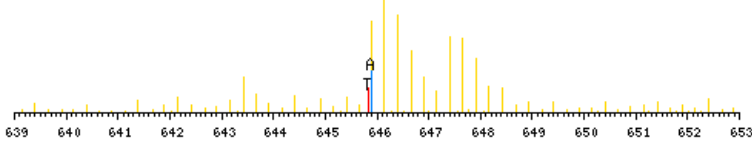
AELVQGQSAPVGMKAEGFVDALHR, MH+ 2580.3245, m/z 645.8366
 L OSG38 P180811 230811-s1.07555.07555.4.dta

scan 7555; 2.8e+000



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

scan 7554; 645.8 mz; 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⁺
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+

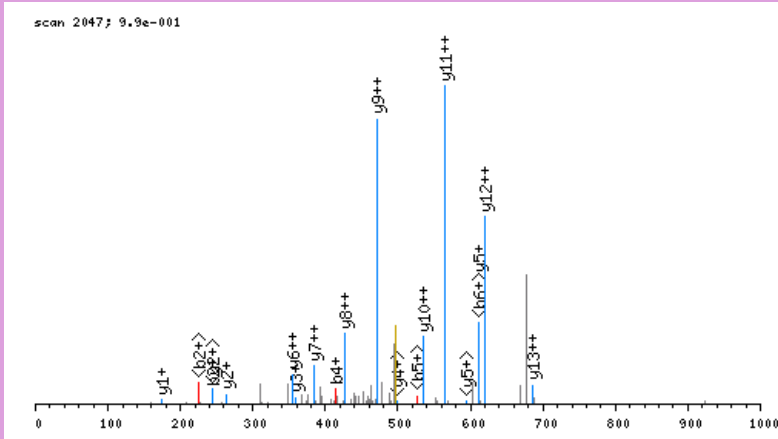
y + 2+ 3+

z + 2+ 3+

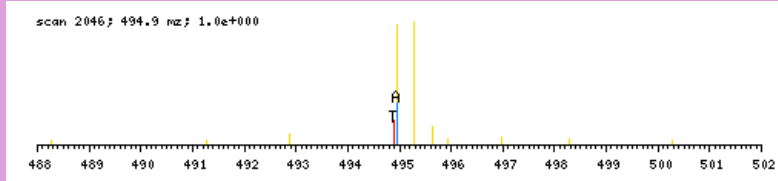
hide H₂O/NH₃

zoom 112-122

GO



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

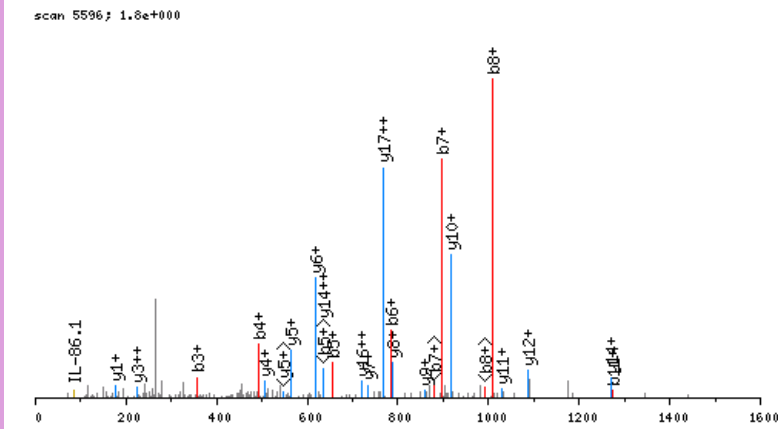


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

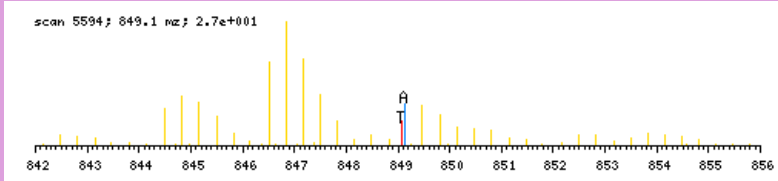
b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 14		
243.0981	2	E 13	1369.6460	685.3269
357.1410	3	N 12	1240.6034	620.8056
414.1625	4	G 11	1126.5605	563.7842
543.2051	5	E 10	1069.5390	535.2734
630.2371	6	S 9	940.4965	470.7521
717.2691	7	S 8	853.4644	427.2361
774.2906	8	G 7	766.4324	383.7201
871.3434	9	P 6	709.4109	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

AENHCELLPPAPSGLGAGLGGGLCR, MH+ 2545.2291, m/z 849.0812
 L OSG36 P180811 230811-s1.05596.05596.3.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 25		
243.0981	2	E 24	2432.1814	1216.5946
357.1410	3	N 23	2303.1388	1152.0733
494.1999	4	H 22	2189.0959	1095.0518
654.2305	5	C 21	2052.0369	1026.5224
783.2731	6	E 20	1892.0063	946.5071
896.3572	7	L 19	1762.9638	881.9858
1009.4413	8	L 18	1649.8797	825.4438
1106.4940	9	P 17	1536.7956	768.9017
1203.5468	10	P 16	1439.7429	720.3753
1274.5839	11	A 15	1342.6901	671.8490
1371.6367	12	P 14	1271.6530	636.3304
1458.6687	13	S 13	1174.6002	587.8040
1515.6902	14	G 12	1087.5682	544.2880
1628.7742	15	L 11	1030.5467	515.7773
1685.7957	16	G 10	917.4627	459.2352
1756.8328	17	A 9	860.4412	430.7245
1813.8543	18	G 8	789.4041	395.2060
1926.9383	19	L 7	732.3826	366.6952
1983.9598	20	G 6	619.2986	310.1532
2040.9813	21	G 5	562.2771	281.6425
2098.0027	22	G 4	505.2556	253.1317
2211.0868	23	L 3	448.2342	224.6210
2371.1174	24	C 2	335.1501	168.0790
	25	R 1	175.1195	88.0637

N-term:+43.02 C(5):+160.03
 C(24):+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

AENLLDGPNNPKR, MH+ 1490.7968, m/z 745.9020
 L OSG37 P180811 230811-s1.05283.05283.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

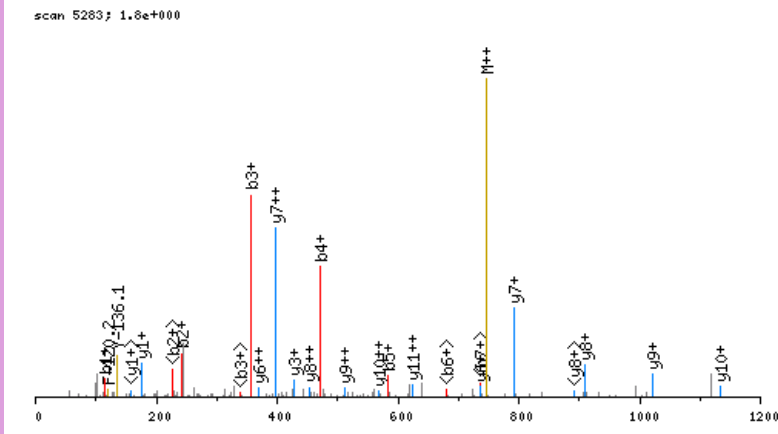
y + 2+ 3+

z + 2+ 3+

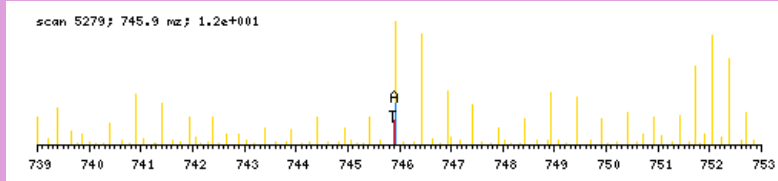
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
243.0981	2	E 12	1377.7491	689.3785
357.1410	3	N 11	1248.7065	624.8572
470.2251	4	L 10	1134.6636	567.8357
583.3092	5	L 9	1021.5795	511.2937
698.3361	6	D 8	908.4954	454.7516
755.3576	7	G 7	793.4685	397.2382
852.4103	8	P 6	736.4470	368.7274
949.4631	9	P 5	639.3943	320.2010
1063.5060	10	N 4	542.3415	271.6747
1160.5588	11	P 3	428.2986	214.6532
1316.6851	12	K 2	331.2458	166.1268
	13	R 1	175.1195	88.0637

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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

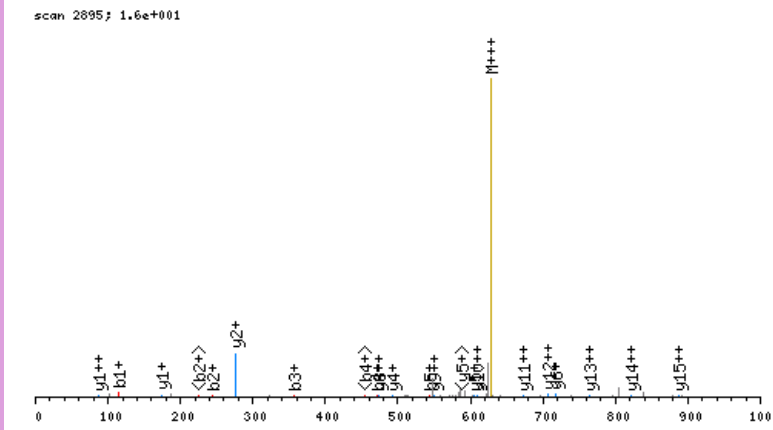
y + 2+ 3+

z + 2+ 3+

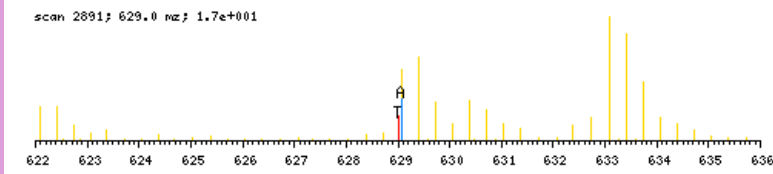
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
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

AENPGLNHR, MH+ 1178.5554, m/z 589.7814
 L OSG38 P180811 230811-s1.02220.02220.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

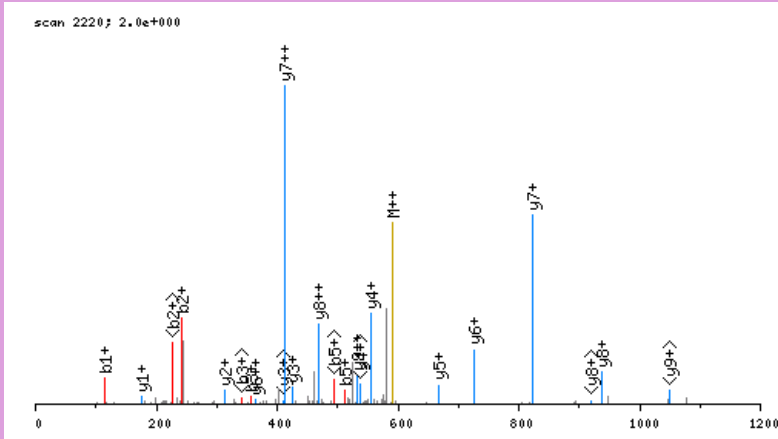
y + 2+ 3+

z + 2+ 3+

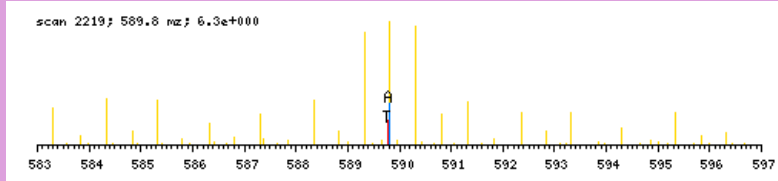
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
357.1410	3	N	8	936.4652
454.1938	4	P	7	822.4222
511.2153	5	G	6	725.3695
624.2993	6	L	5	668.3480
753.3419	7	E	4	555.2639
867.3848	8	N	3	426.2213
1004.4438	9	H	2	312.1784
	10	R	1	175.1195

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+

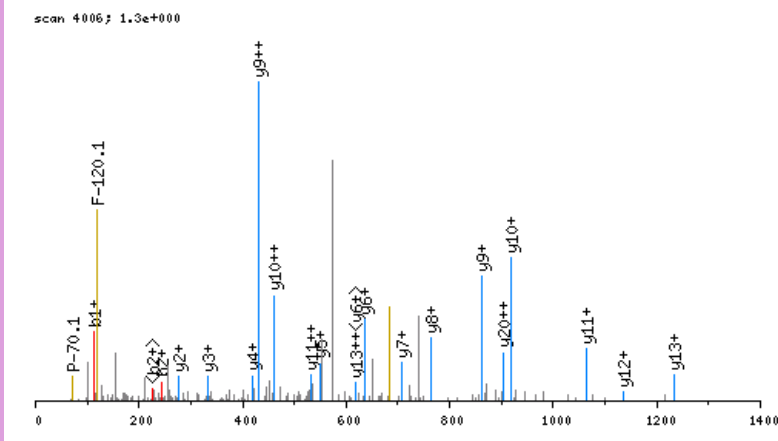
y + 2+ 3+

z + 2+ 3+

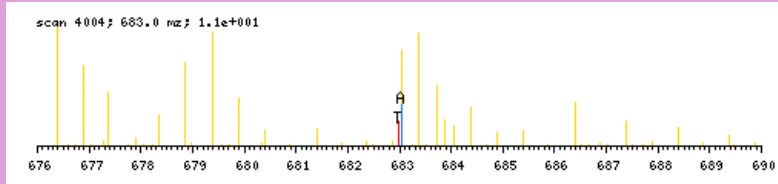
hide H₂O/NH₃

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 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
 L OSG41 P180811 230811-s1.06333.06333.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

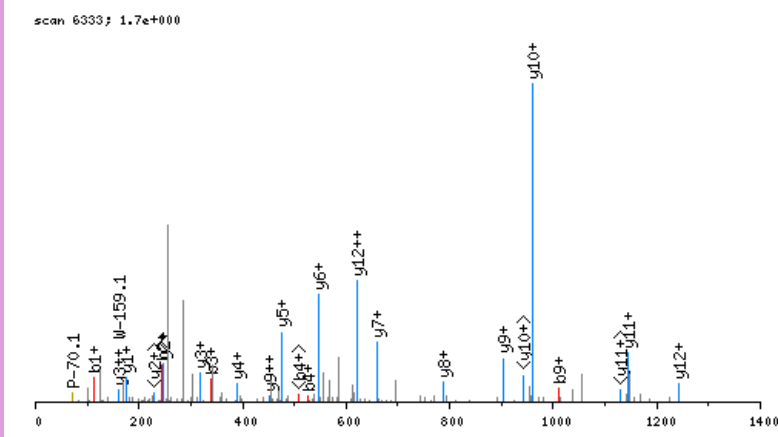
y + 2+ 3+

z + 2+ 3+

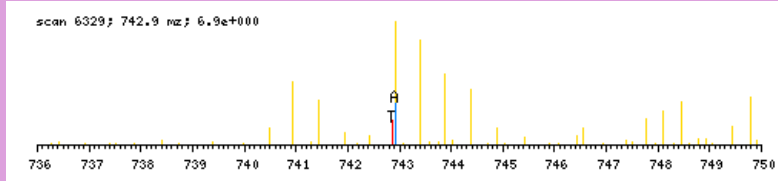
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

AEQVALSR, MH+ 915.4900, m/z 458.2486
 L OSG41 P180811 230811-s1.03360.03360.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

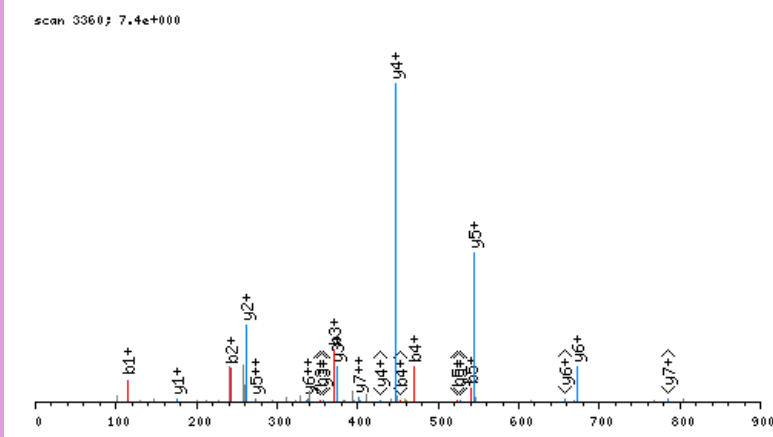
y + 2+ 3+

z + 2+ 3+

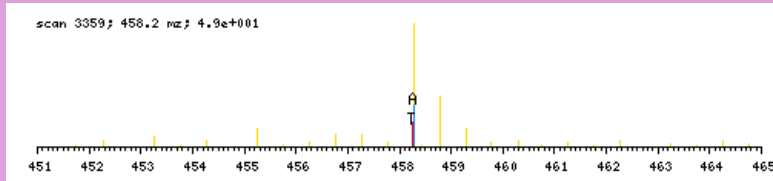
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	802.4423	401.7251
371.1567	3	Q 6	673.3997	337.2038
470.2251	4	V 5	545.3411	273.1745
541.2622	5	A 4	446.2727	223.6403
654.3463	6	L 3	375.2356	188.1217
741.3783	7	S 2	262.1515	131.5797
	8	R 1	175.1195	88.0637

N-term:+43.02

AERPEDLNLPNAVITR, MH+ 1849.9772, m/z 617.3306
 L OSG37 P180811 230811-s1.06716.06716.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

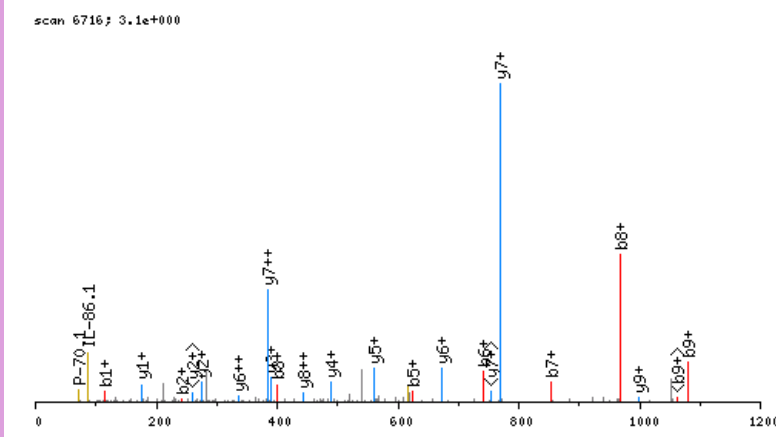
y + 2+ 3+

z + 2+ 3+

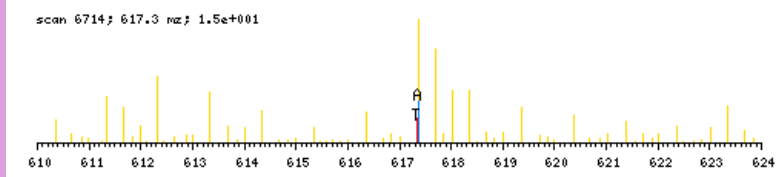
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	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
 L OSG41 P180811 230811-s1.06840.06840.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

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Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

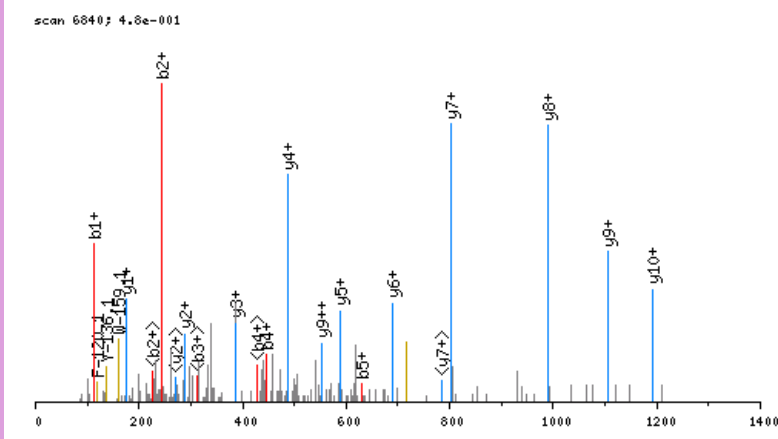
y + 2+ 3+

z + 2+ 3+

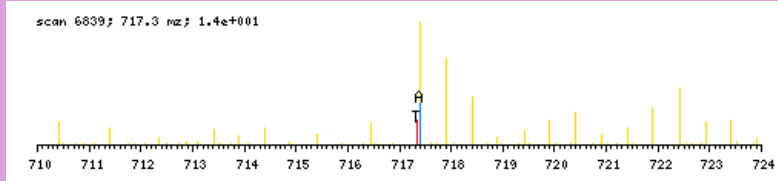
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 743.3811
 L OSG41 P180811 230811-s1.05488.05488.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

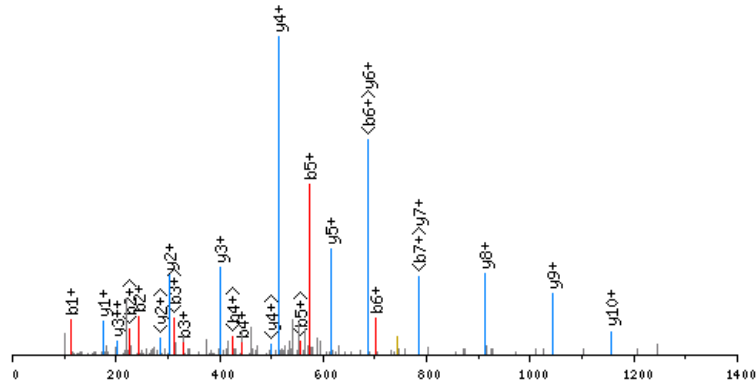
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

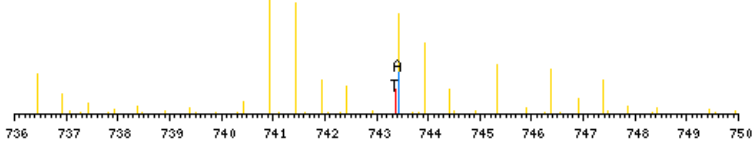
GO

scan 5488; 1.2e+000



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

scan 5484; 743.4 m/z; 9.9e+000



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

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

AESPAFLSAKDEGSFAYLTIKDR, MH+ 2614.3405, m/z 872.1184
 L OSG38 P180811 230811-s1.07667.07667.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

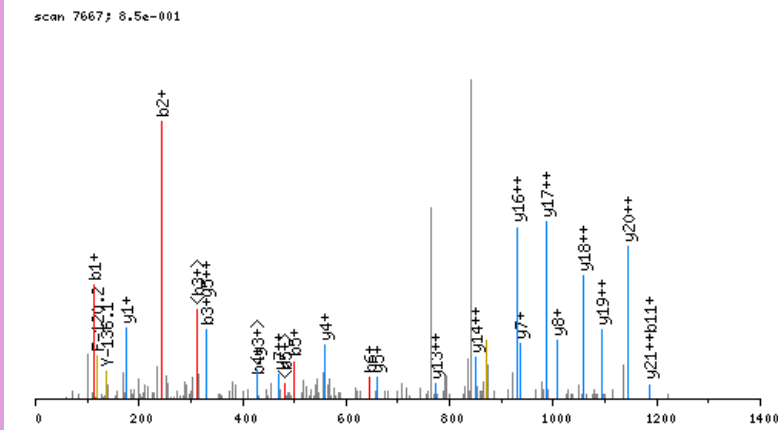
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

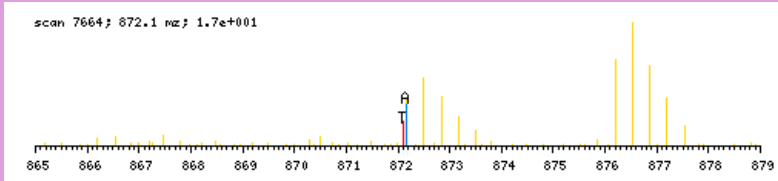
zoom 112-122

GO



click image to zoom in; 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		
243.0981	2	E 22	2501.2929	1251.1503
330.1301	3	S 21	2372.2503	1186.6290
427.1829	4	P 20	2285.2182	1143.1130
498.2200	5	A 19	2188.1655	1094.5866
645.2884	6	F 18	2117.1284	1059.0681
758.3725	7	L 17	1970.0599	985.5339
845.4045	8	S 16	1856.9759	928.9919
916.4416	9	A 15	1769.9438	885.4758
1072.5679	10	K 14	1698.9067	849.9573
1187.5949	11	D 13	1542.7804	771.8941
1316.6375	12	E 12	1427.7535	714.3807
1373.6589	13	G 11	1298.7109	649.8594
1460.6910	14	S 10	1241.6894	621.3486
1607.7594	15	F 9	1154.6574	577.8326
1678.7965	16	A 8	1007.5890	504.2984
1841.8598	17	Y 7	936.5519	468.7799
1954.9439	18	L 6	773.4886	387.2482
2055.9916	19	T 5	660.4045	330.7062
2169.0756	20	I 4	559.3568	280.1823
2325.2019	21	K 3	446.2727	223.6403
2440.2289	22	D 2	290.1464	145.5771
	23	R 1	175.1195	88.0637

N-term:+43.02 K(10):+156.13
 K(21):+156.13

AESPAPGAAAESCQEER, MH+ 1987.8303, m/z 663.2816
 L OSG41 P180811 230811-s1.02897.02897.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

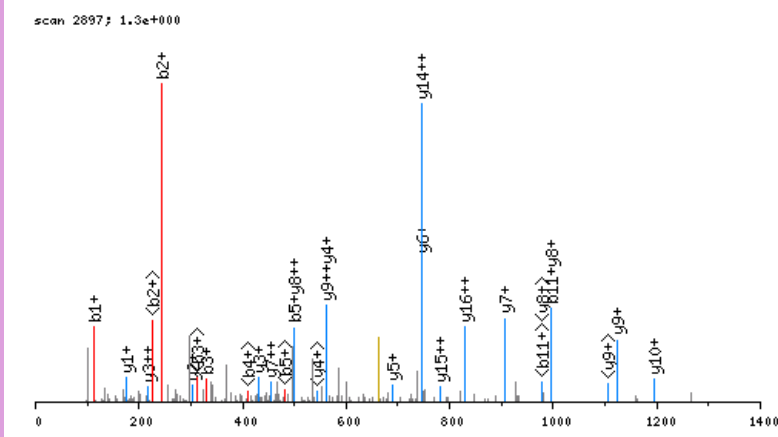
y + 2+ 3+

z + 2+ 3+

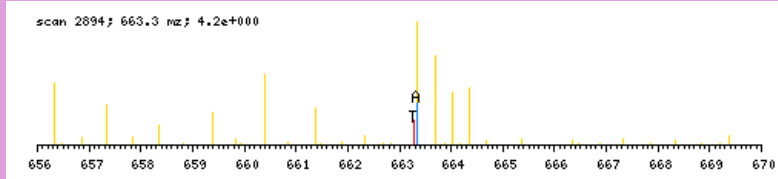
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG41 P180811 230811-s1.02921.02921.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

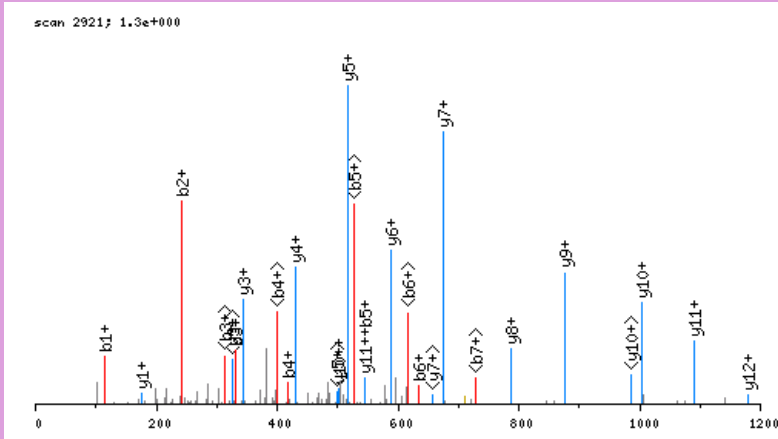
y + 2+ 3+

z + 2+ 3+

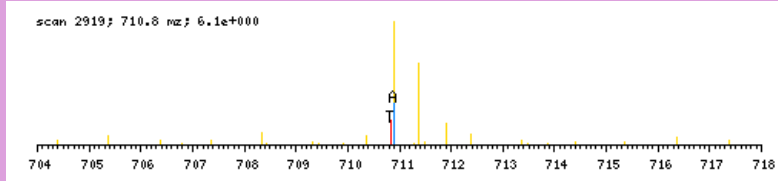
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG41 P180811 230811-s1.02711.02711.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

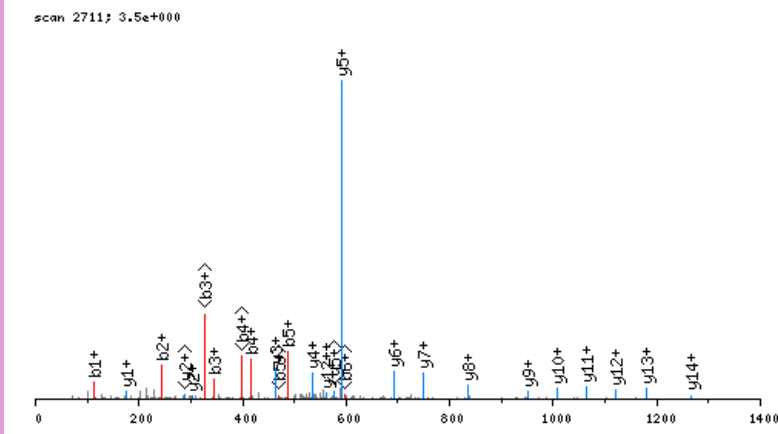
y + 2+ 3+

z + 2+ 3+

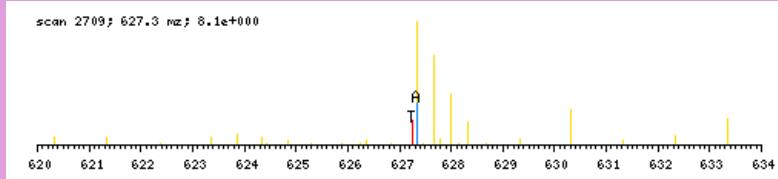
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L_OSG41_P180811_230811-s1.07160.07160.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

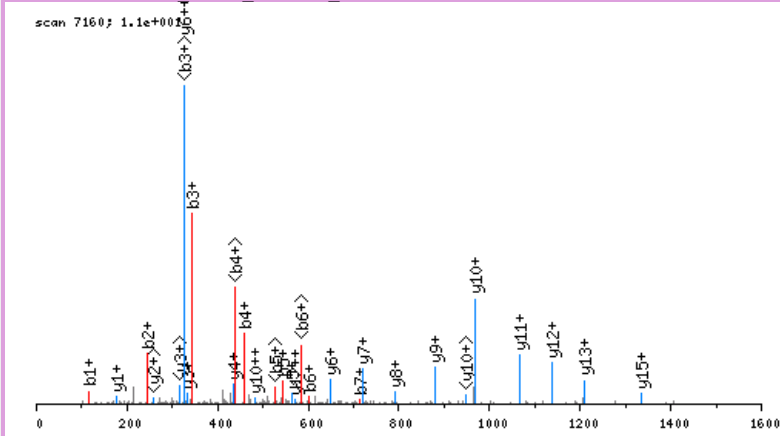
y + 2+ 3+

z + 2+ 3+

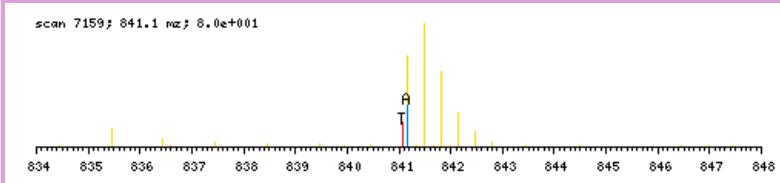
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG37 P180811 230811-s1.04330.04330.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

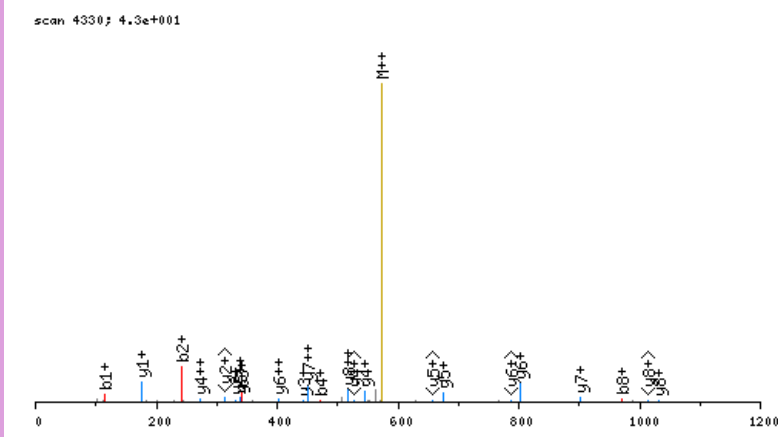
y + 2+ 3+

z + 2+ 3+

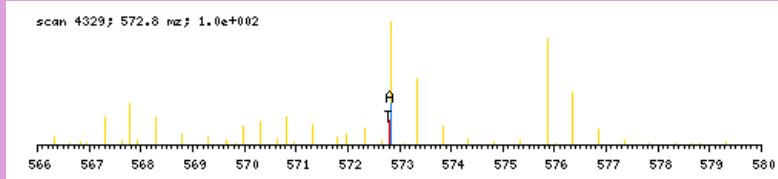
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	
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
 L OSG41 P180811 230811-s1.06291.06291.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

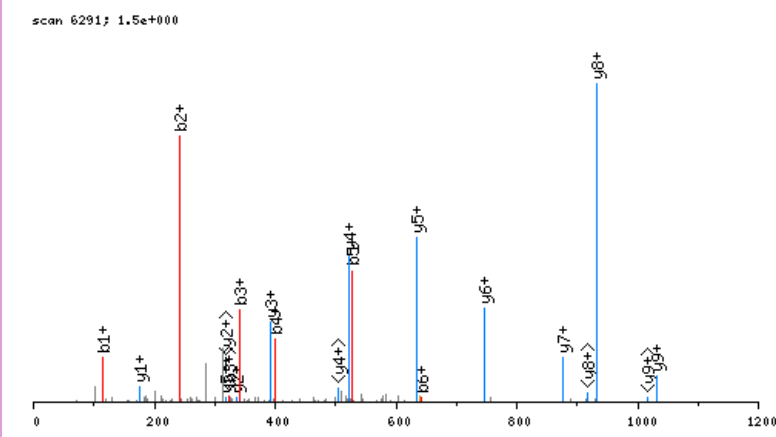
y + 2+ 3+

z + 2+ 3+

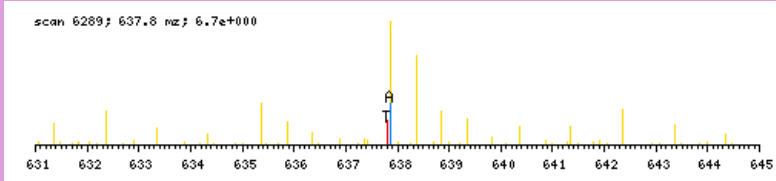
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

AFASEDNVYHSSNAVYR, MH+ 1971.8837, m/z 657.9661
 L OSG37 P180811 230811-s1.05502.05502.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

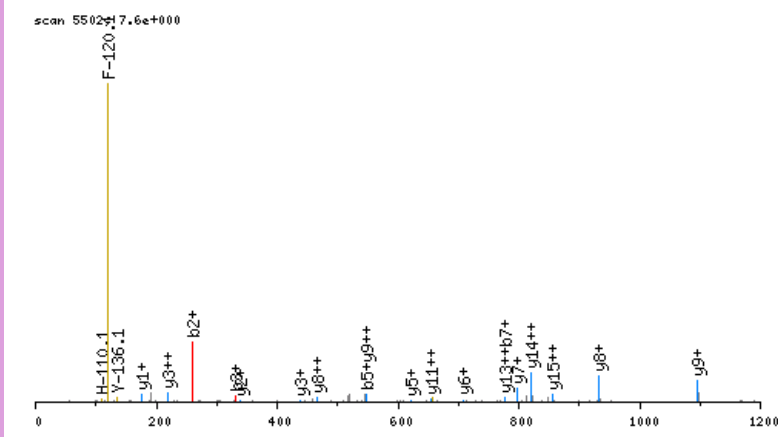
y + 2+ 3+

z + 2+ 3+

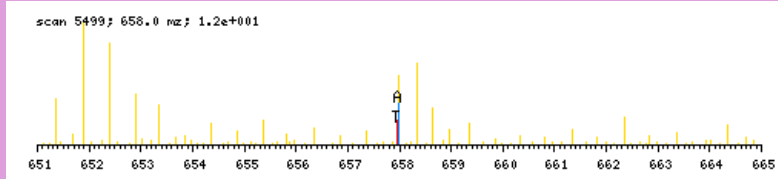
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
261.1239	2	F 16	1858.8360	929.9219
332.1610	3	A 15	1711.7676	856.3877
419.1931	4	S 14	1640.7305	820.8692
548.2357	5	E 13	1553.6985	777.3531
663.2626	6	D 12	1424.6559	712.8318
777.3055	7	N 11	1309.6289	655.3184
876.3739	8	V 10	1195.5860	598.2969
1039.4373	9	Y 9	1096.5176	548.7627
1176.4962	10	H 8	933.4543	467.2310
1263.5282	11	S 7	796.3953	398.7016
1350.5602	12	S 6	709.3633	355.1856
1464.6032	13	N 5	622.3313	311.6696
1535.6403	14	A 4	508.2884	254.6481
1634.7087	15	V 3	437.2512	219.1295
1797.7720	16	Y 2	338.1828	169.5953
	17	R 1	175.1195	88.0637

N-term:+43.02

AFCAPPAYLTHQQKVLK, MH+ 2070.0959, m/z 690.7035
 L OSG39 P180811 230811-s1.05459.05459.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

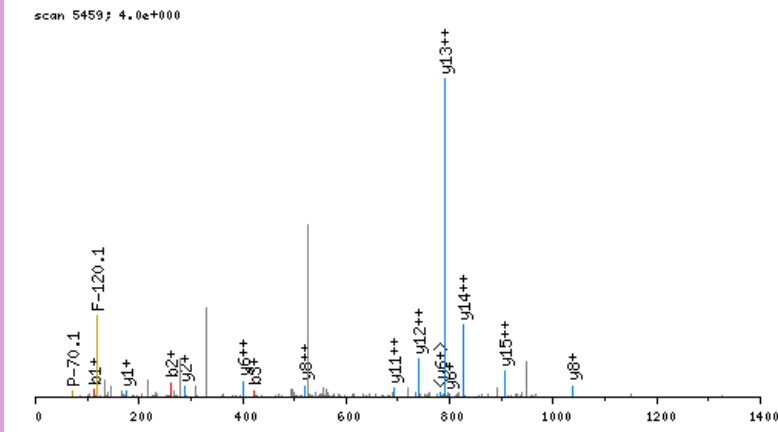
y + 2+ 3+

z + 2+ 3+

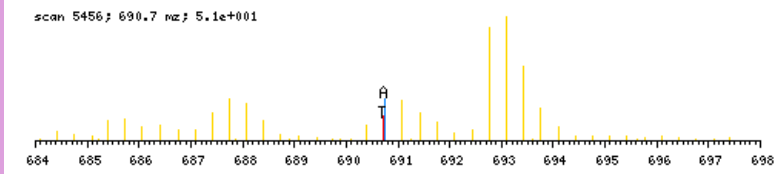
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
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
 L OSG40 P180811 230811-s1.05282.05282.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

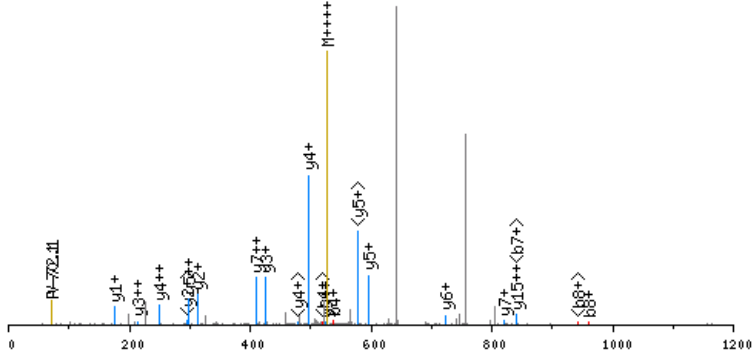
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

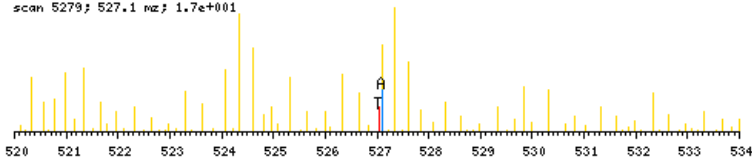
GO

scan 5282; 6.2e+000



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

scan 5279; 527.1 m/z; 1.7e+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

AFSQVQLDDNHVNR, MH+ 2030.9142, m/z 677.6429
 L OSG37 P180811 230811-s1.07307.07307.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

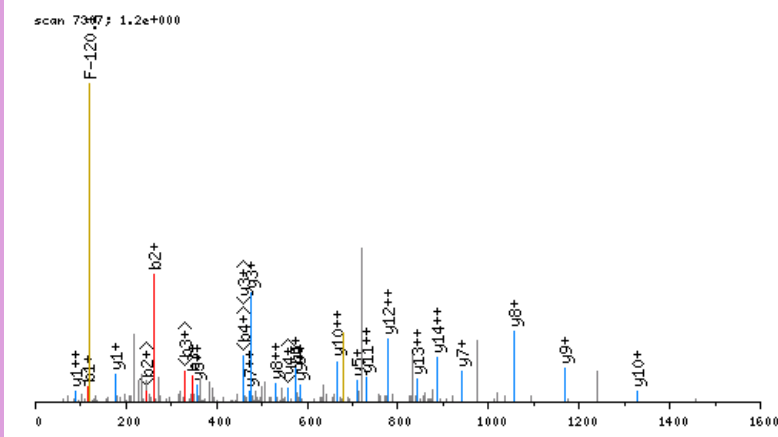
y + 2+ 3+

z + 2+ 3+

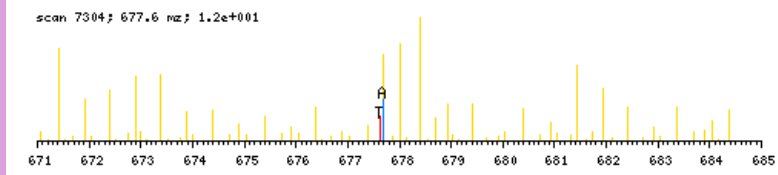
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
261.1239	2	F 15	1917.8666	959.4372
348.1560	3	S 14	1770.7981	885.9030
476.2145	4	Q 13	1683.7661	842.3870
575.2829	5	V 12	1555.7075	778.3577
703.3415	6	Q 11	1456.6391	728.8235
863.3721	7	C 10	1328.5805	664.7942
976.4562	8	L 9	1168.5499	584.7789
1091.4831	9	D 8	1055.4659	528.2369
1206.5101	10	D 7	940.4389	470.7234
1320.5530	11	N 6	825.4120	413.2099
1457.6119	12	H 5	711.3691	356.1884
1556.6803	13	V 4	574.3102	287.6590
1670.7233	14	N 3	475.2417	238.1248
1856.8026	15	W 2	361.1988	181.1033
	16	R 1	175.1195	88.0637

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

AGAACCFSDQFR, MH+ 1560.6211, m/z 520.8785
 L OSG41 P180811 230811-s1.05106.05106.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

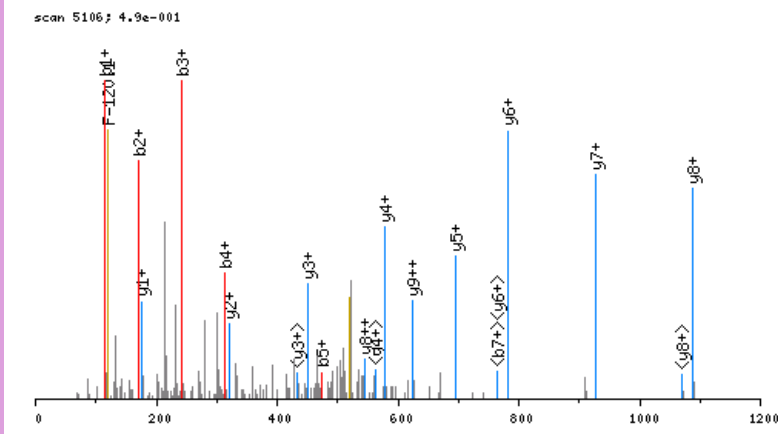
y + 2+ 3+

z + 2+ 3+

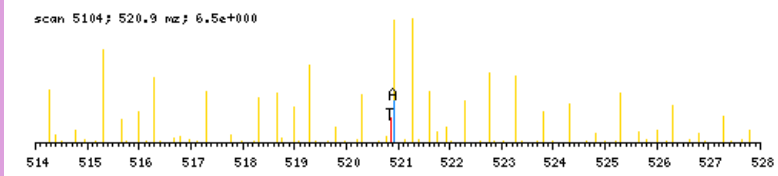
hide H₂O/NH₃

zoom 112-122

GO



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



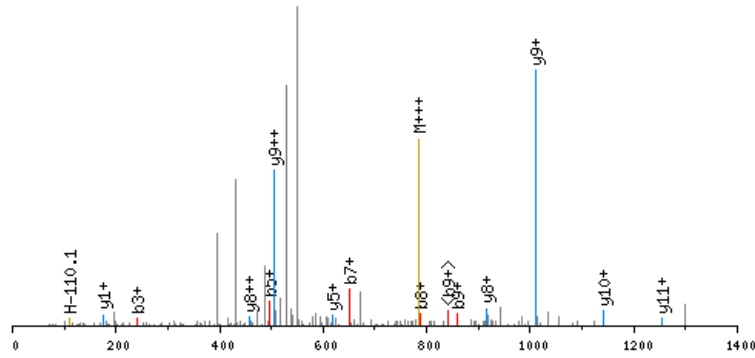
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

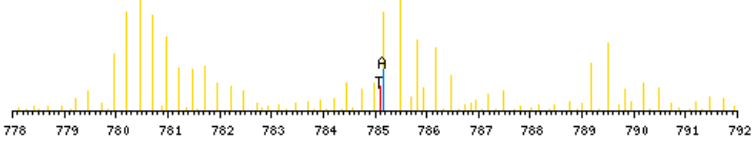
AGARPGVHALQLEPPTVVETLR, MH+ 2353.2992, m/z 785.1046
 L OSG38 P180811 230811-s1.06871.06871.3.dta

scan 6871; 1.7e+000



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

scan 6869; 785.1 m/z; 9.3e+000



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 22		
171.0770	2	G 21	2240.2515	1120.6297
242.1141	3	A 20	2183.2301	1092.1189
398.2152	4	R 19	2112.1929	1056.6004
495.2680	5	P 18	1956.0918	978.5498
552.2894	6	G 17	1859.0391	930.0234
651.3578	7	V 16	1802.0176	901.5127
788.4168	8	H 15	1702.9492	851.9785
859.4539	9	A 14	1565.8903	783.4491
972.5379	10	L 13	1494.8532	747.9305
1100.5965	11	Q 12	1381.7691	691.3885
1213.6806	12	L 11	1253.7105	627.3592
1342.7232	13	E 10	1140.6265	570.8171
1439.7759	14	P 9	1011.5839	506.2958
1536.8287	15	P 8	914.5311	457.7695
1637.8764	16	T 7	817.4783	409.2431
1736.9448	17	V 6	716.4307	358.7192
1836.0132	18	V 5	617.3623	309.1850
1965.0558	19	E 4	518.2938	259.6508
2066.1035	20	T 3	389.2512	195.1295
2179.1875	21	L 2	288.2036	144.6057
	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

AGDAVQSEPR, MH+ 1071.5071, m/z 536.2572
 L OSG41 P180811 230811-s1.02374.02374.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

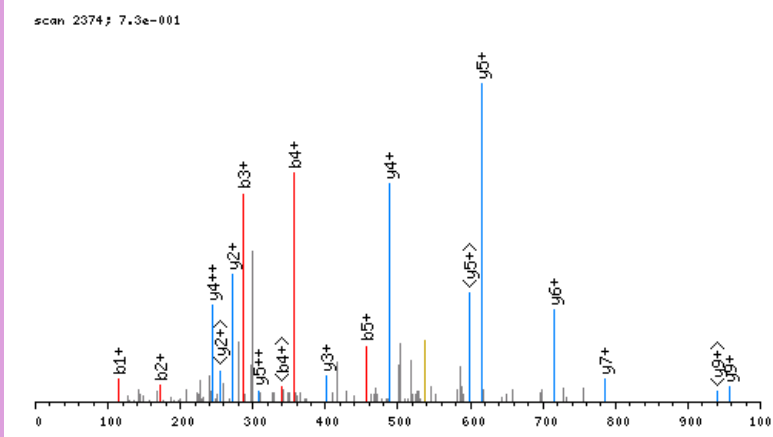
y + 2+ 3+

z + 2+ 3+

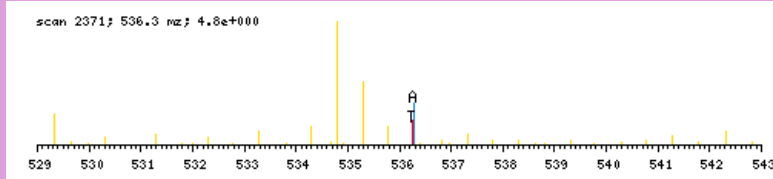
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG41 P180811 230811-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+

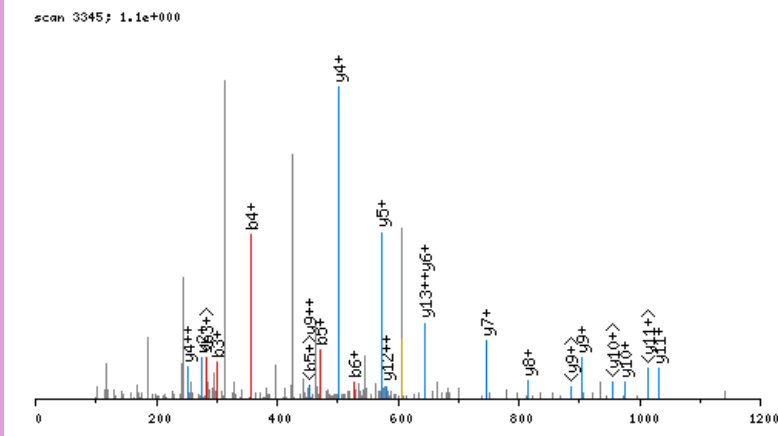
y + 2+ 3+

z + 2+ 3+

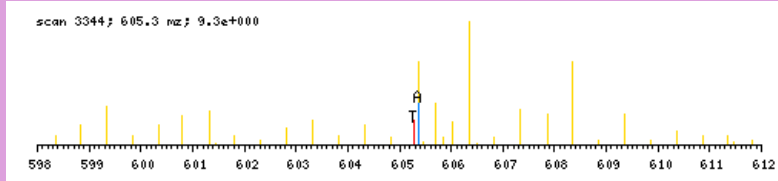
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
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

AGGEAGVTLGQPILSR, MH+ 1591.8193, m/z 531.2779
 L OSG37 P180811 230811-s1.04857.04857.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

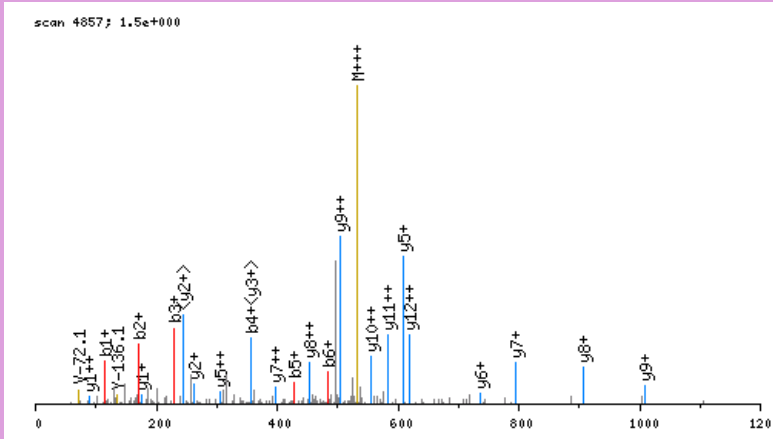
y + 2+ 3+

z + 2+ 3+

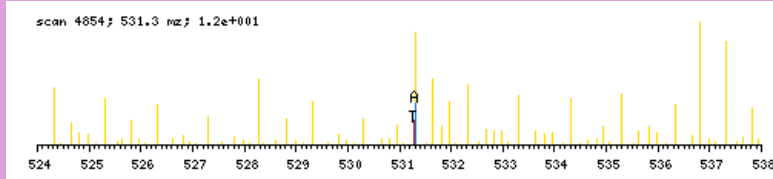
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

AGGEGGVTLGQPILSR, MH+ 1577.8036, m/z 526.6061
 L OSG37 P180811 230811-s1.04690.04690.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

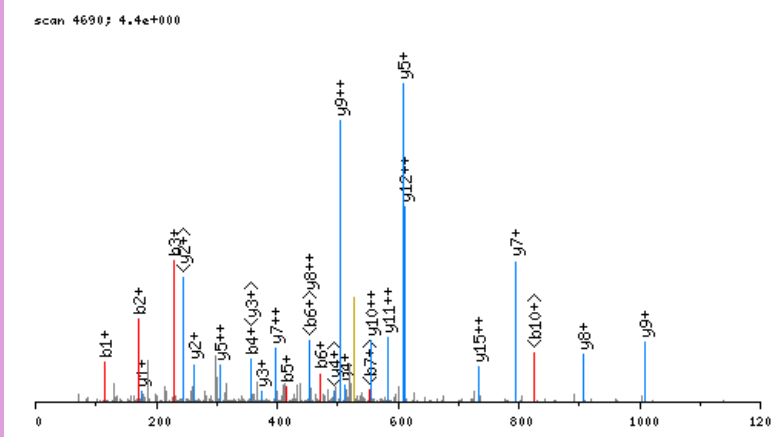
y + 2+ 3+

z + 2+ 3+

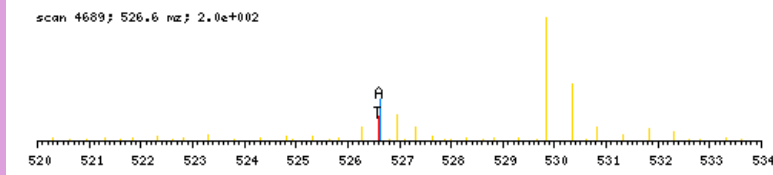
hide H₂O/NH₃

zoom 112-122

GO



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

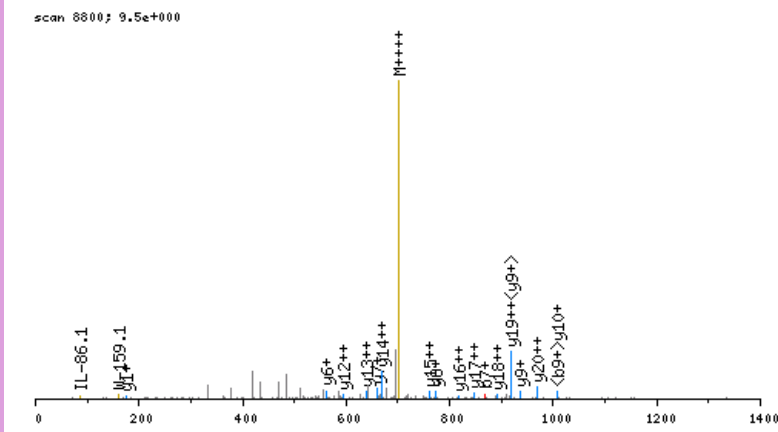


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

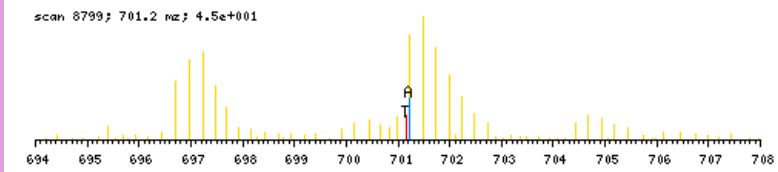
b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 16		
171.0770	2	G 15	1464.7559	732.8819
228.0984	3	G 14	1407.7345	704.3711
357.1410	4	E 13	1350.7130	675.8604
414.1625	5	G 12	1221.6704	611.3391
471.1840	6	G 11	1164.6489	582.8284
570.2524	7	V 10	1107.6275	554.3176
671.3001	8	T 9	1008.5591	504.7834
784.3841	9	L 8	907.5114	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

AGKKVCIVGSGNWGSAIAKIVGSNAGR, MH+ 2801.6309, m/z 701.1632
L OSG40 P180811 230811-s1.08800.08800.4.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⁺
114.0555	1	A 27		
171.0770	2	G 26	2688.5832	1344.7955
333.2351	3	K 25	2631.5617	1316.2848
495.3932	4	K 24	2469.4036	1235.2057
594.4616	5	V 23	2307.2455	1154.1267
754.4922	6	C 22	2208.1771	1104.5925
867.5763	7	I 21	2048.1465	1024.5772
966.6447	8	V 20	1935.0625	968.0351
1023.6661	9	G 19	1835.9941	918.5009
1110.6982	10	S 18	1778.9726	889.9902
1167.7196	11	G 17	1691.9406	846.4742
1281.7626	12	N 16	1634.9191	817.9635
1467.8419	13	W 15	1520.8762	760.9420
1524.8633	14	G 14	1334.7969	667.9023
1611.8954	15	S 13	1277.7754	639.3916
1682.9325	16	A 12	1190.7434	595.8756
1796.0165	17	I 11	1119.7063	560.3570
1867.0536	18	A 10	1006.6222	503.8150
2029.2117	19	K 9	935.5851	468.2965
2142.2958	20	I 8	773.4270	387.2174
2241.3642	21	V 7	660.3429	330.6754
2298.3857	22	G 6	561.2745	281.1412
2385.4177	23	S 5	504.2530	252.6304
2499.4606	24	N 4	417.2210	209.1144
2570.4978	25	A 3	303.1781	152.0930
2627.5192	26	G 2	232.1410	116.5744
	27	R 1	175.1195	88.0637

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

AGKPVLYHYFDGR, MH+ 1429.7593, m/z 477.2579
 L OSG40 P180811 230811-s1.05933.05933.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

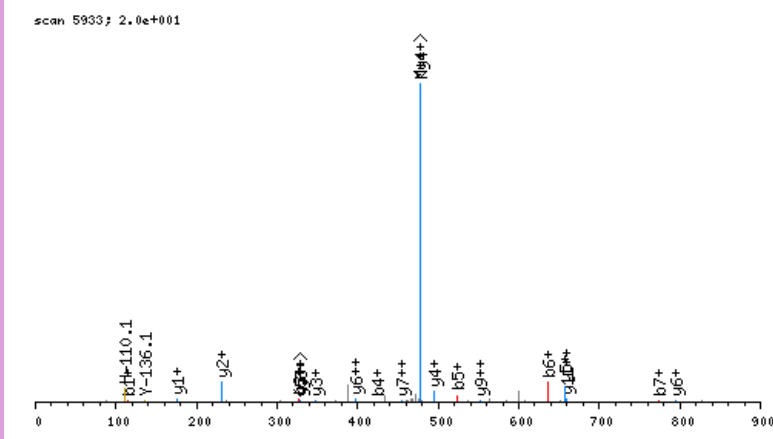
y + 2+ 3+

z + 2+ 3+

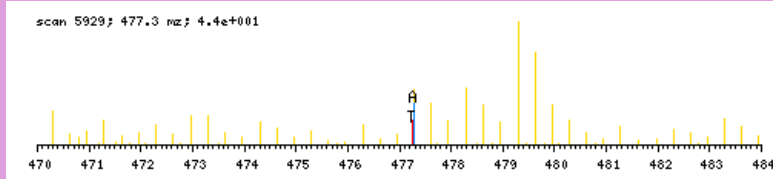
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1316.7116	658.8597
327.2033	3	K 10	1259.6901	630.3490
424.2560	4	P 9	1103.5638	552.2858
523.3245	5	V 8	1006.5110	503.7594
636.4085	6	L 7	907.4426	454.2252
773.4674	7	H 6	794.3586	397.6832
936.5308	8	Y 5	657.2997	329.1537
1083.5992	9	F 4	494.2363	247.6221
1198.6261	10	D 3	347.1679	174.0879
1255.6476	11	G 2	232.1410	116.5744
	12	R 1	175.1195	88.0637

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

AGKPVLYHFNAR, MH+ 1448.8227, m/z 483.6124
 L OSG40 P180811 230811-s1.05391.05391.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

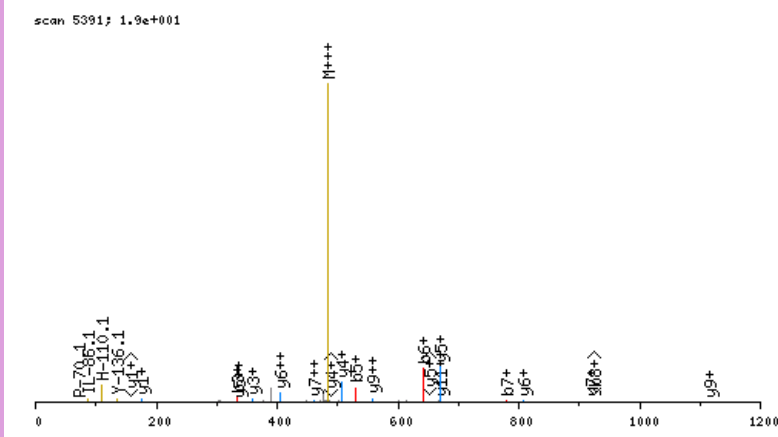
y + 2+ 3+

z + 2+ 3+

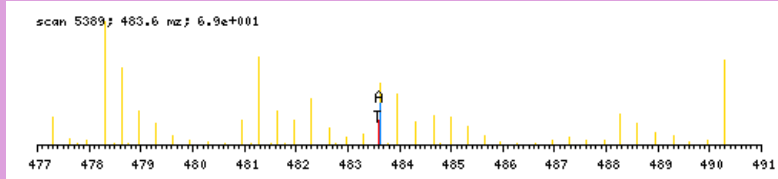
hide H₂O/NH₃

zoom 112-122

GO



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



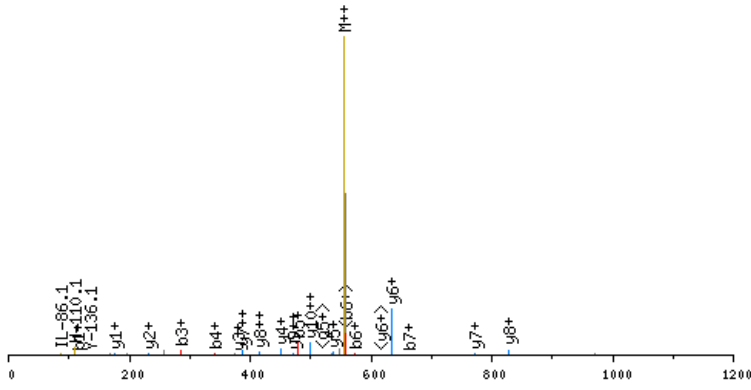
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 12		
171.0770	2	G 11	1335.7750	668.3914
333.2351	3	K 10	1278.7535	639.8807
430.2878	4	P 9	1116.5954	558.8016
529.3563	5	V 8	1019.5427	510.2752
642.4403	6	L 7	920.4743	460.7410
779.4992	7	H 6	807.3902	404.1990
942.5626	8	Y 5	670.3313	335.6696
1089.6310	9	F 4	507.2680	254.1379
1203.6739	10	N 3	360.1995	180.6037
1274.7110	11	A 2	246.1566	123.5822
	12	R 1	175.1195	88.0637

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

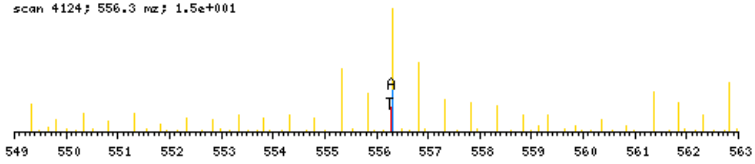
AGLGHPSAFGR, MH+ 1111.5649, m/z 556.2861
 L OSG38 P180811 230811-s1.04125.04125.2.dta

scan 4125; 1.3e+001



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

scan 4124; 556.3 m/z; 1.5e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
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

AGLLKTTGLVGLAVCDTPHER, MH+ 2434.3492, m/z 609.3428
 L OSG40 P180811 230811-s1.08955.08955.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

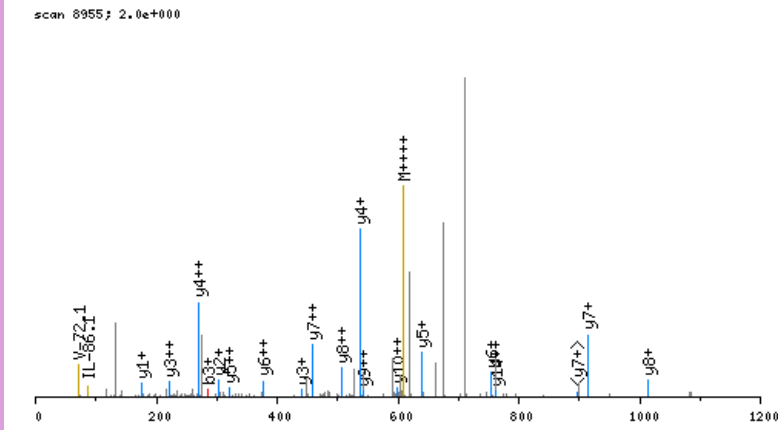
y + 2+ 3+

z + 2+ 3+

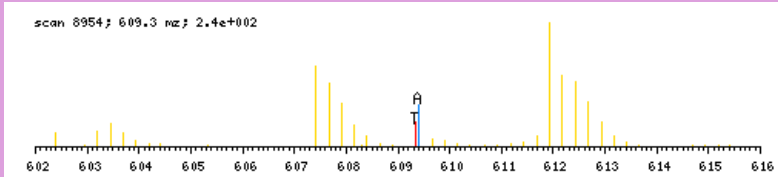
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
171.0770	2	G	21	2321.3015	1161.1547
284.1610	3	L	20	2264.2801	1132.6439
397.2451	4	L	19	2151.1960	1076.1019
553.3714	5	K	18	2038.1119	1019.5599
709.4977	6	K	17	1881.9856	941.4967
810.5454	7	T	16	1725.8593	863.4336
911.5931	8	T	15	1624.8117	812.9097
968.6145	9	G	14	1523.7640	762.3859
1081.6986	10	L	13	1466.7425	733.8752
1180.7670	11	V	12	1353.6585	677.3331
1237.7885	12	G	11	1254.5900	627.7989
1350.8725	13	L	10	1197.5686	599.2882
1421.9096	14	A	9	1084.4845	542.7462
1520.9781	15	V	8	1013.4474	507.2276
1681.0087	16	C	7	914.3790	457.6934
1796.0356	17	D	6	754.3484	377.6781
1897.0833	18	T	5	639.3214	320.1646
1994.1360	19	P	4	538.2738	269.6408
2131.1950	20	H	3	441.2210	221.1144
2260.2376	21	E	2	304.1621	152.5850
	22	R	1	175.1195	88.0637

N-term:+43.02 K(5):+156.13
 K(6):+156.13 C(16):+160.03

AGLNSLEAVKR, MH+ 1227.7062, m/z 614.3567
 L OSG38 P180811 230811-s1.05138.05138.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

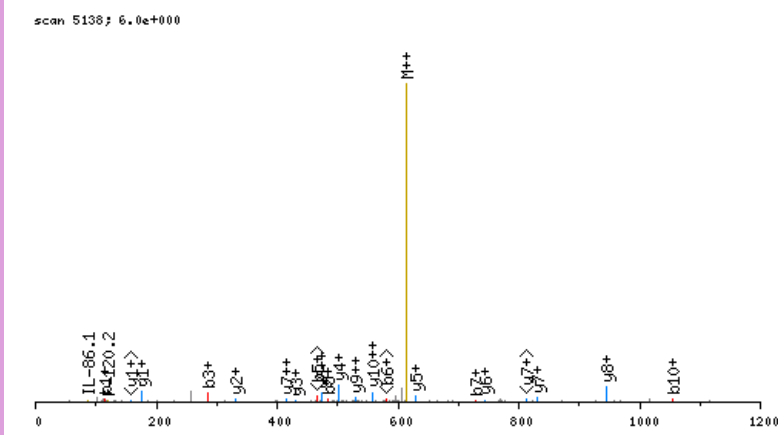
y + 2+ 3+

z + 2+ 3+

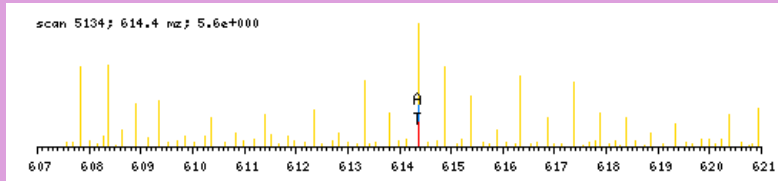
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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+ 1733.9511, m/z 578.6552
 L OSG39 P180811 230811-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+

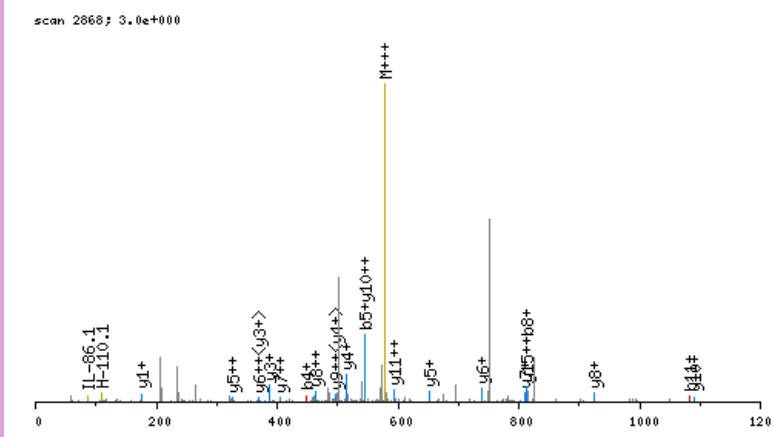
y + 2+ 3+

z + 2+ 3+

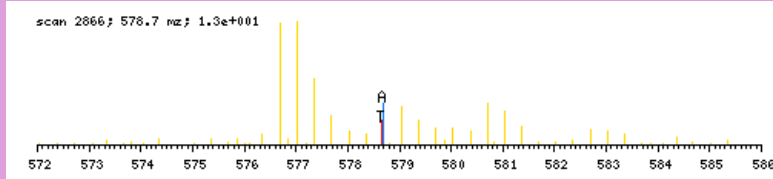
hide H₂O/NH₃

zoom 112-122

GO



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

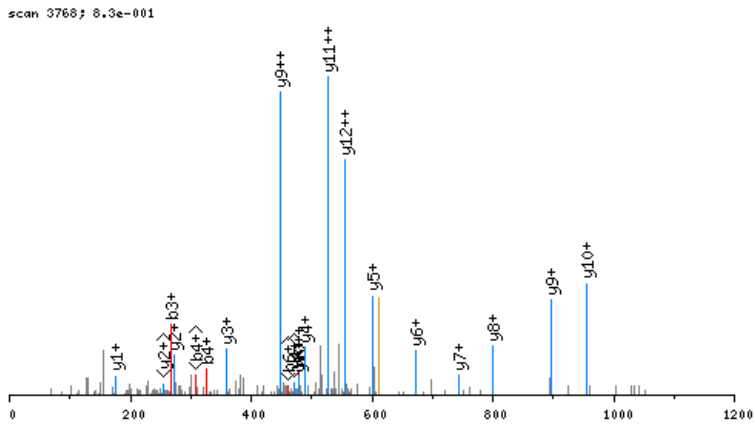


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

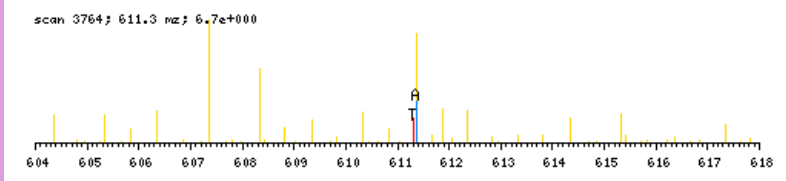
b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	16		
171.0770	2	G	15	1620.9035	810.9556
285.1199	3	N	14	1563.8820	782.4449
447.2780	4	K	13	1449.8391	725.4234
546.3464	5	V	12	1287.6810	644.3444
643.3992	6	P	11	1188.6125	594.8102
740.4519	7	P	10	1091.5598	546.2838
811.4891	8	A	9	994.5070	497.7574
924.5731	9	L	8	923.4699	462.2389
995.6102	10	A	7	810.3858	405.6968
1082.6423	11	S	6	739.3487	370.1783
1219.7012	12	H	5	652.3167	326.6623
1347.7598	13	Q	4	515.2578	258.1328
1444.8125	14	P	3	387.1992	194.1035
1559.8395	15	D	2	290.1464	145.5771
	16	R	1	175.1195	88.0637

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

AGPGPGALESPR, MH+ 1221.6228, m/z 611.3150
 L OSG41 P180811 230811-s1.03768.03768.2.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		
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

AGSSAEQAADYR, MH+ 1267.5555, m/z 634.2814
 L OSG41 P180811 230811-s1.02865.02865.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

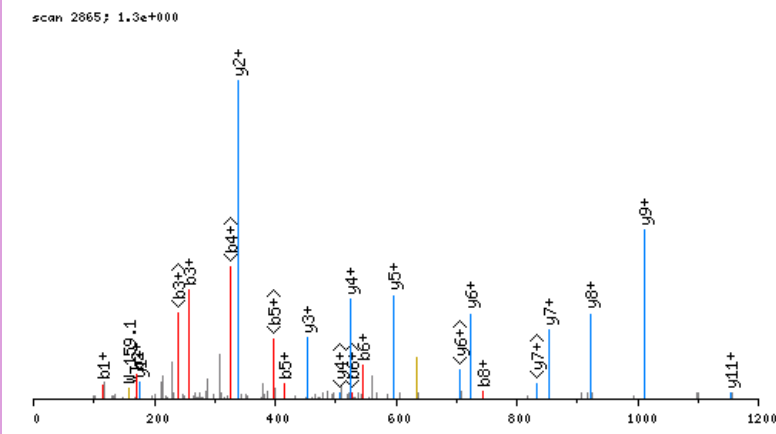
y + 2+ 3+

z + 2+ 3+

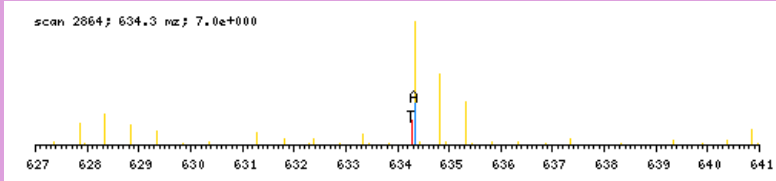
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	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

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+

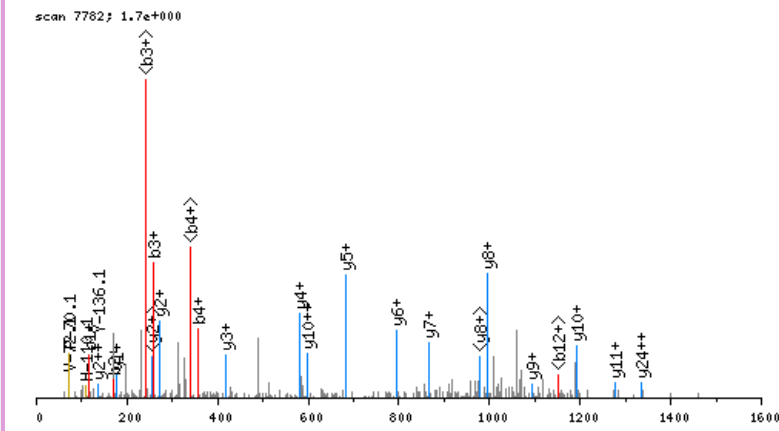
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

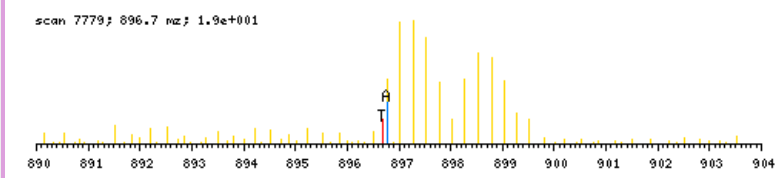
GO

AGSVADSDAVVKLDDGHLNNSLGSPVQADVYFPR, MH+ 3583.7669, m/z 896.6972
L OSG38 P180811 230811-s1.07782.07782.4.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⁺
114.0555	1	A	34		
171.0770	2	G	33	3470.7192	1735.8635
258.1090	3	S	32	3413.6978	1707.3528
357.1774	4	V	31	3326.6657	1663.8368
428.2145	5	A	30	3227.5973	1614.3026
543.2415	6	D	29	3156.5602	1578.7840
630.2735	7	S	28	3041.5333	1521.2706
745.3004	8	D	27	2954.5012	1477.7545
816.3376	9	A	26	2839.4743	1420.2411
915.4060	10	V	25	2768.4372	1384.7225
1014.4744	11	V	24	2669.3688	1335.1883
1170.6007	12	K	23	2570.3004	1285.6541
1283.6848	13	L	22	2414.1741	1207.5909
1398.7117	14	D	21	2301.0900	1151.0489
1513.7386	15	D	20	2186.0631	1093.5354
1570.7601	16	G	19	2071.0361	1036.0220
1707.8190	17	H	18	2014.0146	1007.5112
1820.9031	18	L	17	1876.9557	938.9818
1934.9460	19	N	16	1763.8717	882.4397
2048.9889	20	N	15	1649.8287	825.4183
2136.0210	21	S	14	1535.7858	768.3968
2249.1050	22	L	13	1448.7538	724.8808
2306.1265	23	G	12	1335.6697	668.3388
2393.1585	24	S	11	1278.6483	639.8280
2490.2113	25	P	10	1191.6162	596.3120
2589.2797	26	V	9	1094.5635	547.7856
2717.3383	27	Q	8	995.4951	498.2514
2788.3754	28	A	7	867.4365	434.2222
2903.4023	29	D	6	796.3994	398.7036
3002.4707	30	V	5	681.3724	341.1901
3165.5341	31	Y	4	582.3040	291.6559
3312.6025	32	F	3	419.2407	210.1243
3409.6553	33	P	2	272.1723	136.5900
	34	R	1	175.1195	88.0637

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

AGTTTIEAVKR, MH+ 1222.7220, m/z 611.8646
 L OSG37 P180811 230811-s1.03366.03366.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

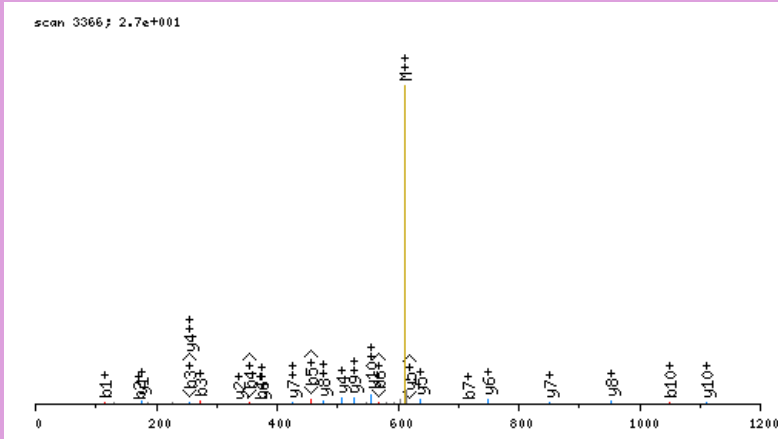
y + 2+ 3+

z + 2+ 3+

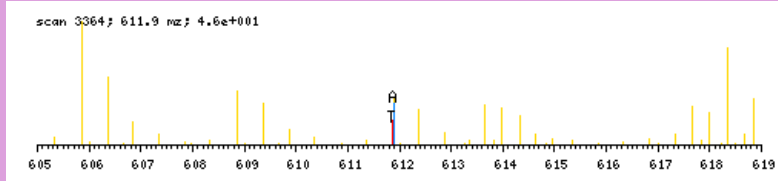
hide H₂O/NH₃

zoom 112-122

GO



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



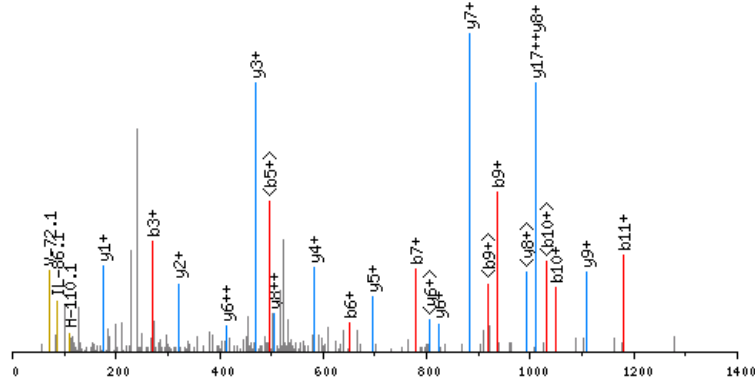
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 11		
171.0770	2	G 10	1109.6743	555.3411
272.1247	3	T 9	1052.6528	526.8303
373.1723	4	T 8	951.6051	476.3065
474.2200	5	T 7	850.5575	425.7826
587.3041	6	I 6	749.5098	375.2588
716.3467	7	E 5	636.4257	318.7168
787.3838	8	A 4	507.3831	254.1955
886.4522	9	V 3	436.3460	218.6769
1048.6103	10	K 2	337.2776	169.1427
	11	R 1	175.1195	88.0637

N-term:+43.02 K(10):+162.16

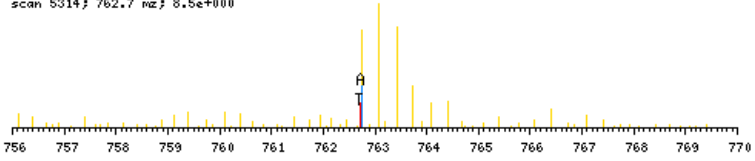
AGVDQHEGTIQVQGQNLFFR, MH+ 2286.1267, m/z 762.7138
 L OSG36 P180811 230811-s1.05317.05317.3.dta

scan 5317; 8.5e-001



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

scan 5314; 762.7 m/z; 8.5e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
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

AGVRPDNVAEUVVAGAR, MH+ 1622.8615, m/z 541.6253
 L OSG37 P180811 230811-s1.06275.06275.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

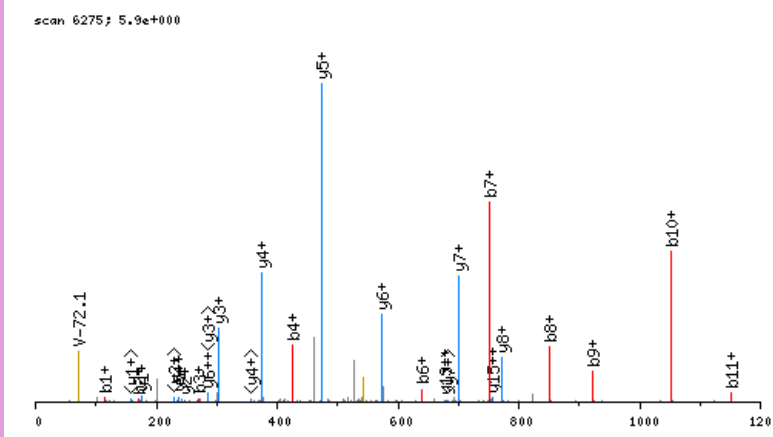
y + 2+ 3+

z + 2+ 3+

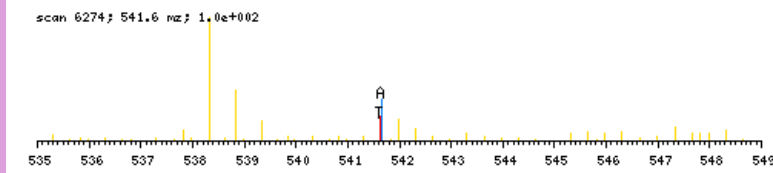
hide H₂O/NH₃

zoom 112-122

GO



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



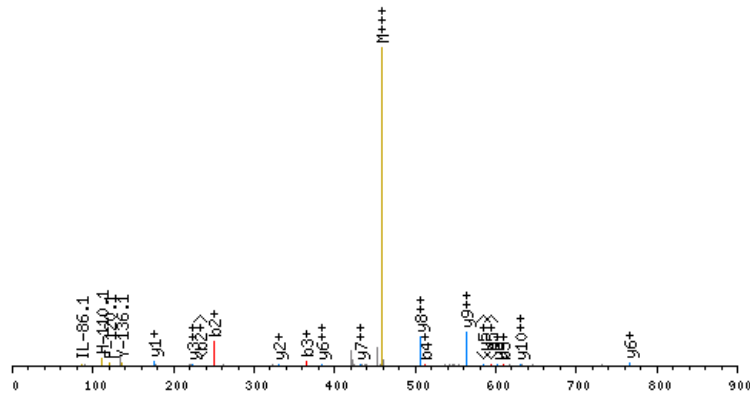
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

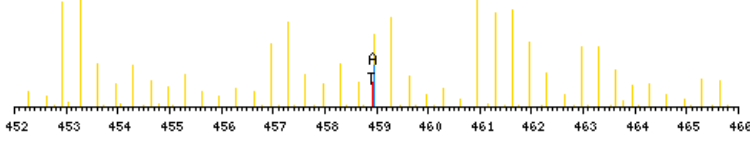
AHIFVYGTKLR, MH+ 1374.7898, m/z 458.9348
 L OSG40 P180811 230811-s1.06313.06313.3.dta

scan 6313; 1.1e+001



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

scan 6309; 458.9 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⁺
114.0555	1	A 11		
251.1144	2	H 10	1261.7421	631.3750
364.1985	3	I 9	1124.6832	562.8455
511.2669	4	F 8	1011.5992	506.3035
610.3353	5	V 7	864.5307	432.7693
773.3986	6	Y 6	765.4623	383.2351
830.4201	7	G 5	602.3990	301.7034
931.4678	8	T 4	545.3775	273.1927
1044.5519	9	L 3	444.3299	222.6688
1200.6782	10	K 2	331.2458	166.1268
	11	R 1	175.1195	88.0637

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

AKIAQGAMYR, MH+ 1184.6674, m/z 592.8374
 L OSG37 P180811 230811-s1.03930.03930.2.dta

scan 3930; 6.2e+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+

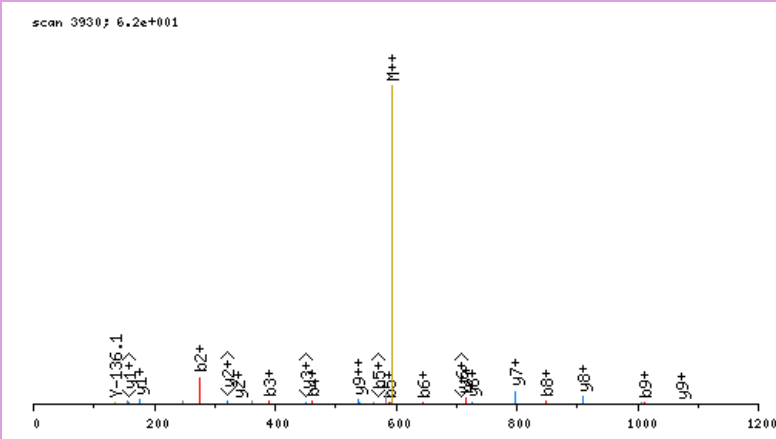
y + 2+ 3+

z + 2+ 3+

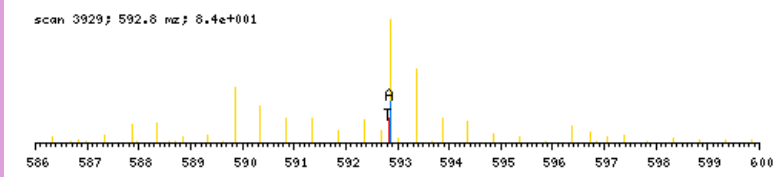
hide H₂O/NH₃

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⁺
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+ 1824.8616, m/z 608.9587
 L OSG37 P180811 230811-s1.04667.04667.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

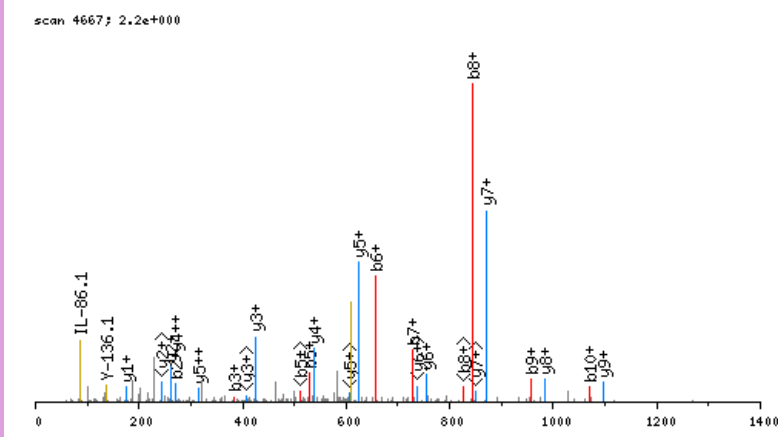
y + 2+ 3+

z + 2+ 3+

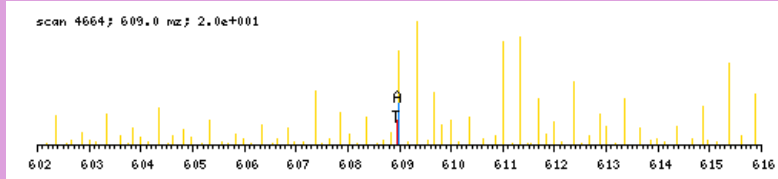
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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+ 1978.9102, m/z 660.3083
 L OSG37 P180811 230811-s1.04928.04928.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

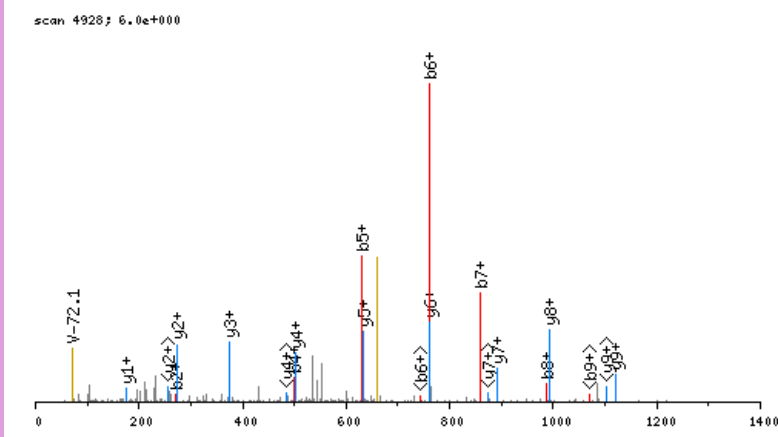
y + 2+ 3+

z + 2+ 3+

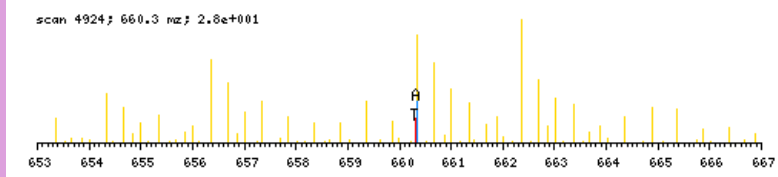
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 16		
270.1818	2	K 15	1865.8625	933.4352
371.2295	3	T 14	1709.7362	855.3720
500.2721	4	E 13	1608.6885	804.8482
629.3147	5	E 12	1479.6460	740.3269
760.3552	6	M 11	1350.6034	675.8056
859.4236	7	V 10	1219.5629	610.2854
987.4822	8	Q 9	1120.4945	560.7511
1088.5298	9	T 8	992.4359	496.7219
1217.5724	10	E 7	891.3882	446.1980
1346.6150	11	E 6	762.3456	381.6767
1477.6555	12	M 5	633.3030	317.1554
1606.6981	13	E 4	502.2625	251.6352
1707.7458	14	T 3	373.2199	187.1139
1804.7985	15	P 2	272.1723	136.5900
	16	R 1	175.1195	88.0637

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

AKVAKDLNPGVQKMSLGQQQSAR, MH+ 2598.5251, m/z 650.3867
 L OSG40 P180811 230811-s1.05271.05271.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

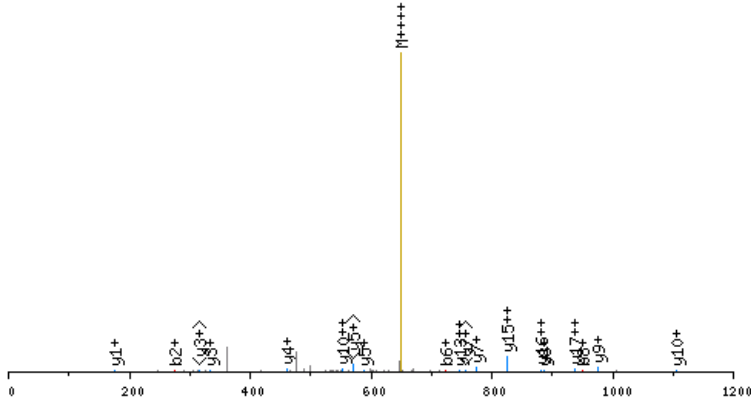
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

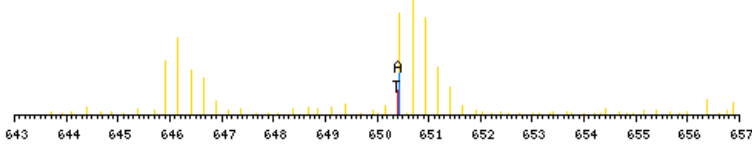
GO

scan 5271; 1.6e+001



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

scan 5269; 650.4 m/z; 2.7e+001



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

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	23		
276.2136	2	K	22	2485.4774	1243.2426
375.2820	3	V	21	2323.3193	1162.1636
446.3191	4	A	20	2224.2509	1112.6294
608.4772	5	K	19	2153.2138	1077.1108
723.5042	6	D	18	1991.0557	996.0317
836.5882	7	L	17	1876.0287	938.5183
950.6312	8	N	16	1762.9447	881.9762
1047.6839	9	P	15	1648.9017	824.9548
1104.7054	10	G	14	1551.8490	776.4284
1203.7738	11	V	13	1494.8275	747.9177
1331.8324	12	Q	12	1395.7591	698.3835
1493.9905	13	K	11	1267.7005	634.3542
1625.0310	14	M	10	1105.5424	553.2751
1712.0630	15	S	9	974.5019	487.7549
1825.1471	16	L	8	887.4699	444.2389
1882.1685	17	G	7	774.3858	387.6968
2010.2271	18	Q	6	717.3644	359.1861
2138.2857	19	Q	5	589.3058	295.1568
2266.3443	20	Q	4	461.2472	231.1275
2353.3763	21	S	3	333.1886	167.0982
2424.4134	22	A	2	246.1566	123.5822
	23	R	1	175.1195	88.0637

N-term:+43.02 K(2):+162.16
 K(5):+162.16 K(13):+162.16

AKVEQVLSLEPQHELKFR, MH+ 2249.2659, m/z 563.0719
 L OSG40 P180811 230811-s1.07880.07880.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

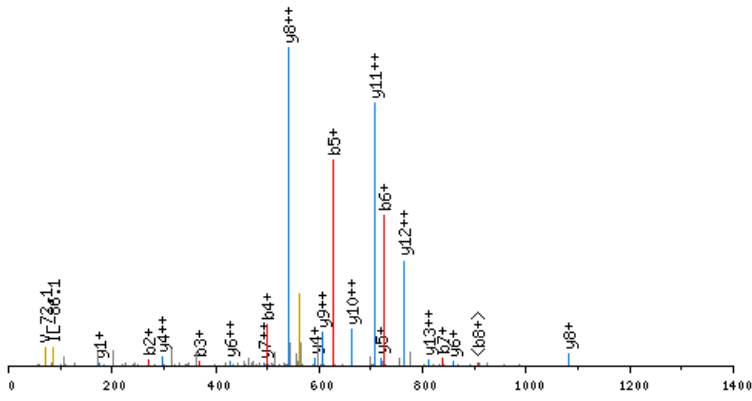
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

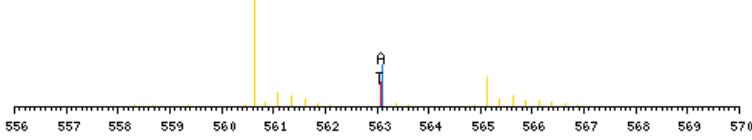
GO

scan 7880; 1.2e+001



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

scan 7879; 563.1 m/z; 1.9e+003



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

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+ 2163.0816, m/z 721.6987
 L OSG37 P180811 230811-s1.06623.06623.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

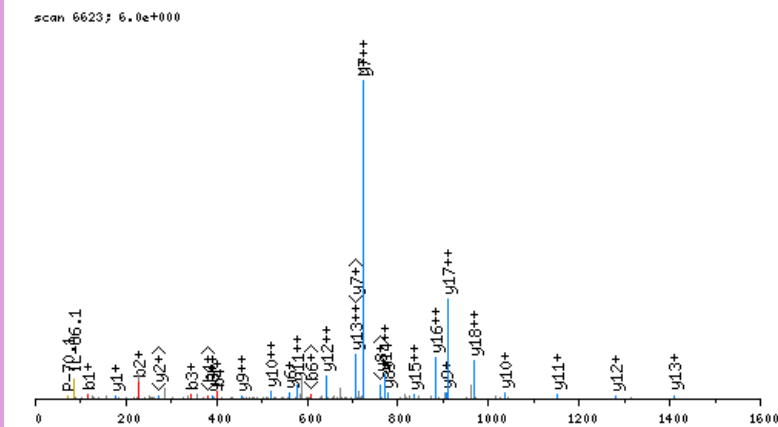
y + 2+ 3+

z + 2+ 3+

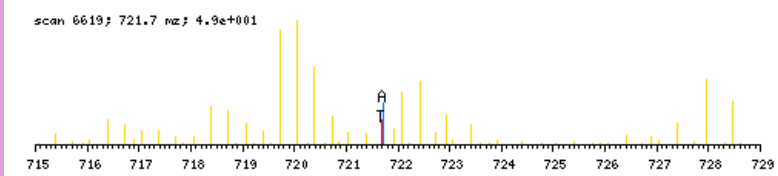
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
227.1396	2	L 19	2050.0339	1025.5209
342.1665	3	D 18	1936.9499	968.9788
399.1880	4	G 17	1821.9229	911.4654
496.2407	5	P 16	1764.9015	882.9546
625.2833	6	E 15	1667.8487	834.4283
753.3419	7	Q 14	1538.8061	769.9070
884.3824	8	M 13	1410.7475	705.8777
1013.4250	9	E 12	1279.7070	640.3574
1126.5091	10	L 11	1150.6644	575.8361
1255.5517	11	E 10	1037.5804	519.2941
1384.5942	12	E 9	908.5378	454.7728
1441.6157	13	G 8	779.4952	390.2515
1603.7738	14	K 7	722.4737	361.7408
1674.8109	15	A 6	560.3156	280.6617
1731.8324	16	G 5	489.2785	245.1432
1818.8644	17	S 4	432.2571	216.6324
1875.8859	18	G 3	345.2250	173.1164
1988.9699	19	L 2	288.2036	144.6057
	20	R 1	175.1195	88.0637

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

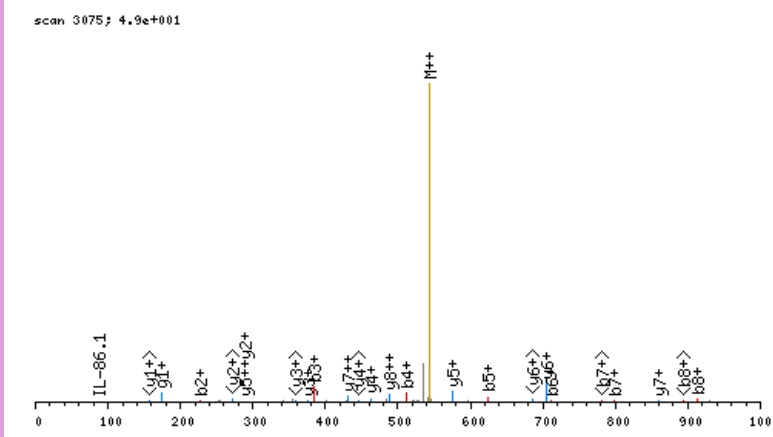
y + 2+ 3+

z + 2+ 3+

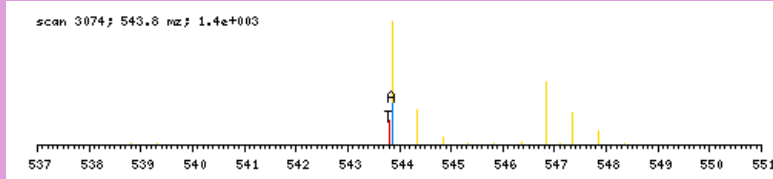
hide H₂O/NH₃

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	
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
 L OSG39 P180811 230811-s1.07695.07695.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

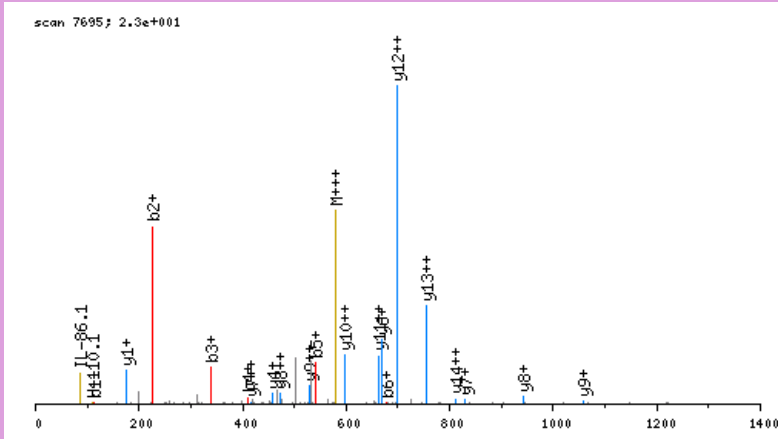
y + 2+ 3+

z + 2+ 3+

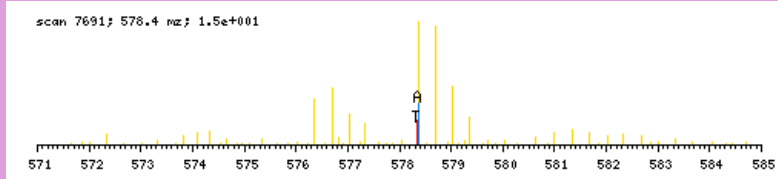
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

ALQALHSSGVGLR, MH+ 1350.7494, m/z 675.8783
 L OSG37 P180811 230811-s1.06266.06266.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

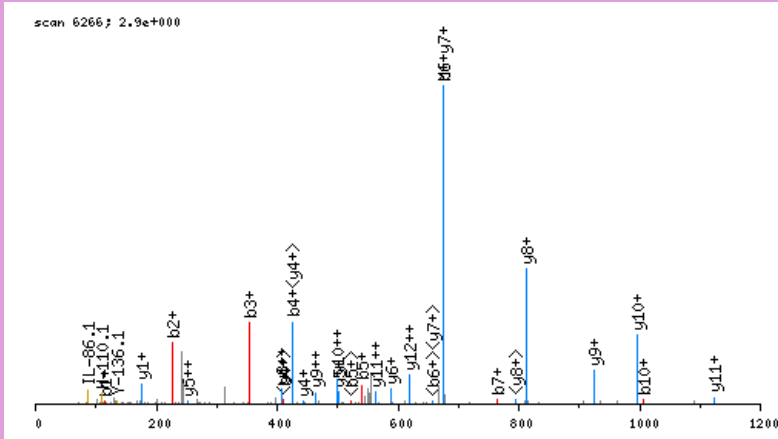
y + 2+ 3+

z + 2+ 3+

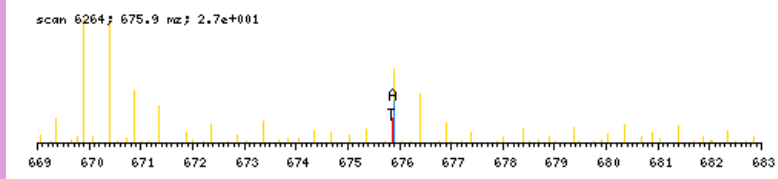
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

AMNLSGRR, MH+ 946.4893, m/z 473.7483
 L OSG38 P180811 230811-s1.03092.03092.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

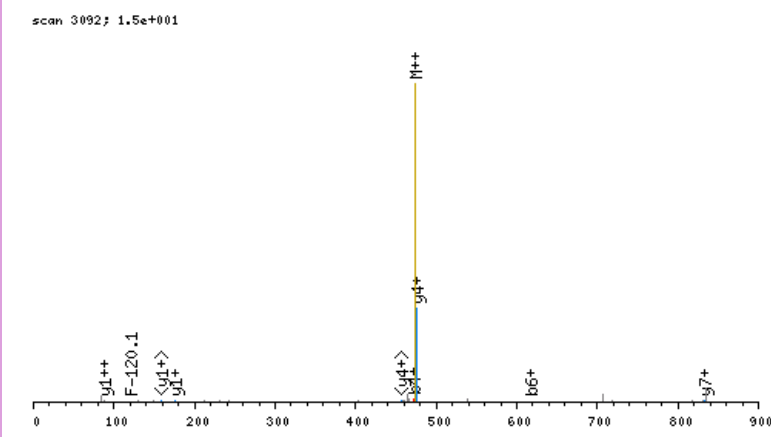
y + 2+ 3+

z + 2+ 3+

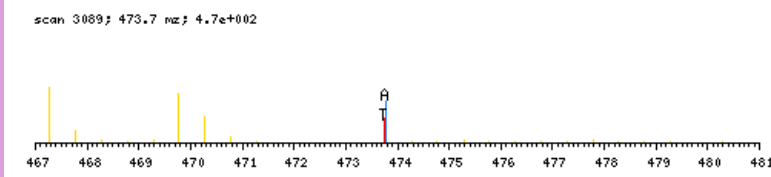
hide H₂O/NH₃

zoom 112-122

GO



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



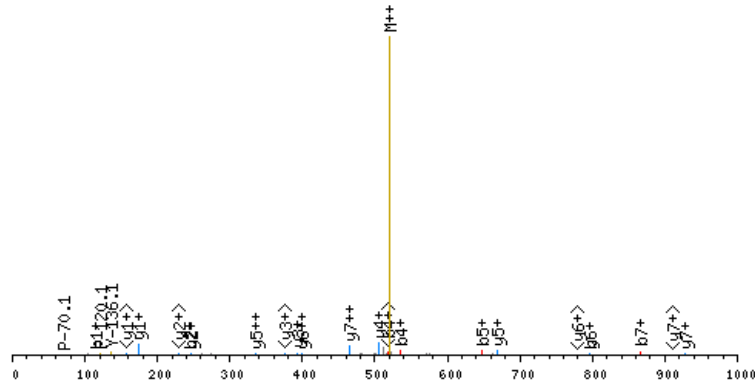
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 8		
245.0960	2	M 7	833.4416	417.2247
359.1389	3	N 6	702.4011	351.7045
472.2230	4	L 5	588.3582	294.6830
559.2550	5	S 4	475.2741	238.1410
616.2765	6	G 3	388.2421	194.6250
772.3776	7	R 2	331.2206	166.1142
	8	R 1	175.1195	88.0637

N-term:+43.02

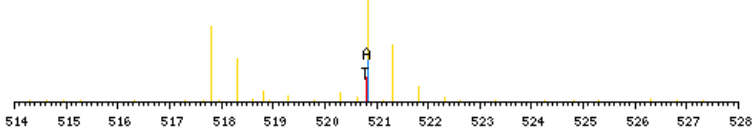
AMQKIFAR, MH+ 1040.6139, m/z 520.8106
 L OSG37 P180811 230811-s1.05820.05820.2.dta

scan 5820; 4.1e+001



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

scan 5819; 520.8 m/z; 4.5e+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 8		
245.0960	2	M 7	927.5663	464.2870
373.1546	3	Q 6	796.5258	398.7668
535.3127	4	K 5	668.4672	334.7375
648.3967	5	I 4	506.3091	253.6585
795.4652	6	F 3	393.2250	197.1164
866.5023	7	A 2	246.1566	123.5822
	8	R 1	175.1195	88.0637

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

AMVSEFLKQAR, MH+ 1349.7252, m/z 675.3662
 L OSG37 P180811 230811-s1.08450.08450.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

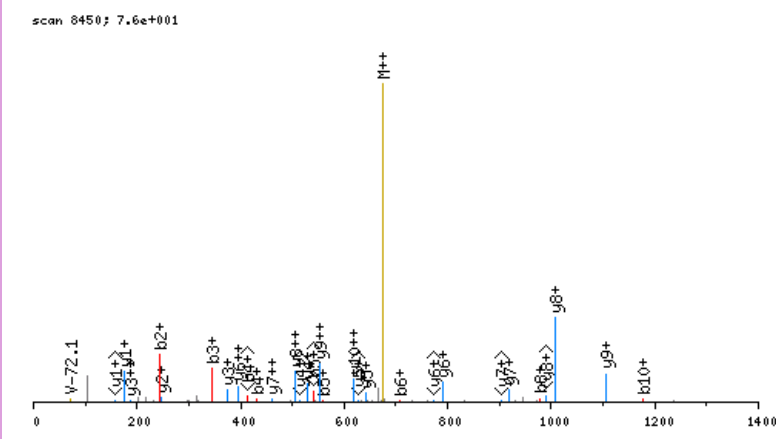
y + 2+ 3+

z + 2+ 3+

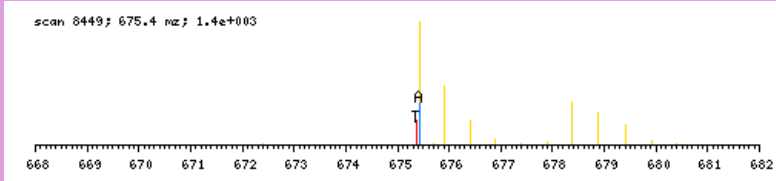
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
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

ANEVQVLPSPKGR, MH+ 1577.9016, m/z 526.6387
 L OSG37 P180811 230811-s1.06278.06278.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

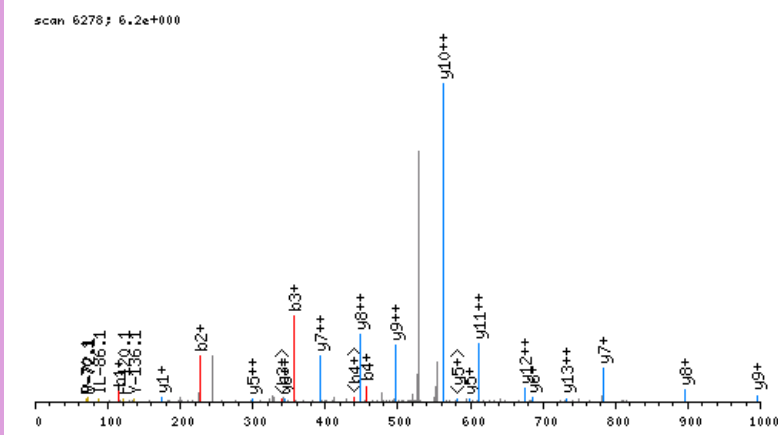
y + 2+ 3+

z + 2+ 3+

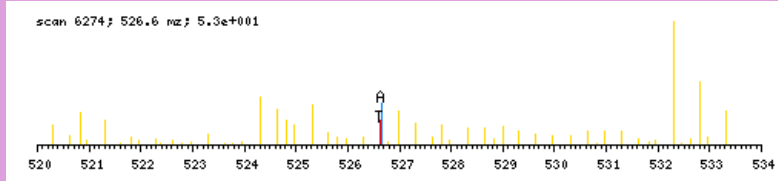
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 14		
228.0984	2	N 13	1464.8539	732.9308
357.1410	3	E 12	1350.8109	675.9094
456.2094	4	V 11	1221.7684	611.3881
584.2680	5	Q 10	1122.6999	561.8539
683.3364	6	V 9	994.6414	497.8246
796.4205	7	L 8	895.5729	448.2904
893.4733	8	P 7	782.4889	391.7484
980.5053	9	S 6	685.4361	343.2220
1077.5581	10	P 5	598.4041	299.7060
1190.6421	11	L 4	501.3513	251.1796
1346.7684	12	K 3	388.2673	194.6375
1403.7899	13	G 2	232.1410	116.5744
	14	R 1	175.1195	88.0637

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

ANHAPFETDISTLTR, MH+ 1714.8400, m/z 572.2849
 L OSG37 P180811 230811-s1.06847.06847.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

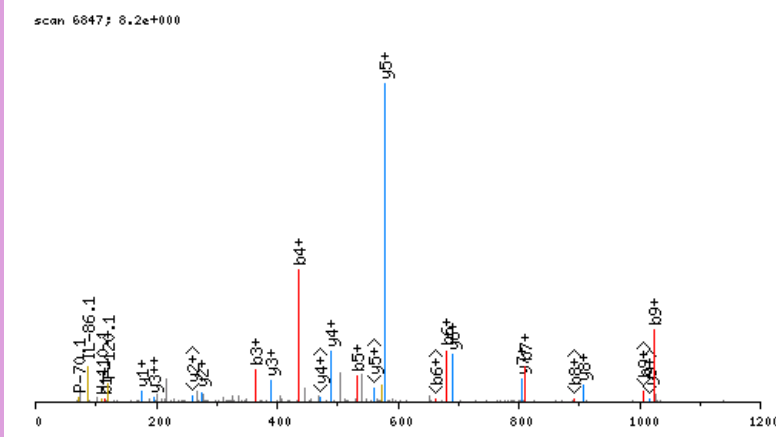
y + 2+ 3+

z + 2+ 3+

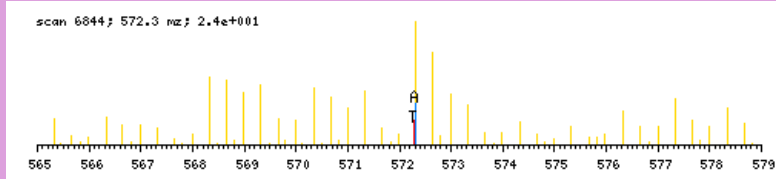
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
228.0984	2	N 14	1601.7924	801.4001
365.1574	3	H 13	1487.7494	744.3786
436.1945	4	A 12	1350.6905	675.8492
533.2472	5	P 11	1279.6534	640.3306
680.3156	6	F 10	1182.6006	591.8042
809.3582	7	E 9	1035.5322	518.2700
910.4059	8	T 8	906.4896	453.7487
1025.4329	9	D 7	805.4420	403.2249
1138.5169	10	I 6	690.4150	345.7114
1225.5490	11	S 5	577.3310	289.1694
1326.5966	12	T 4	490.2989	245.6534
1439.6807	13	L 3	389.2512	195.1295
1540.7284	14	T 2	276.1672	138.5875
	15	R 1	175.1195	88.0637

N-term:+43.02

ANKAPSQMER, MH+ 1207.6318, m/z 604.3195
 L OSG37 P180811 230811-s1.02097.02097.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

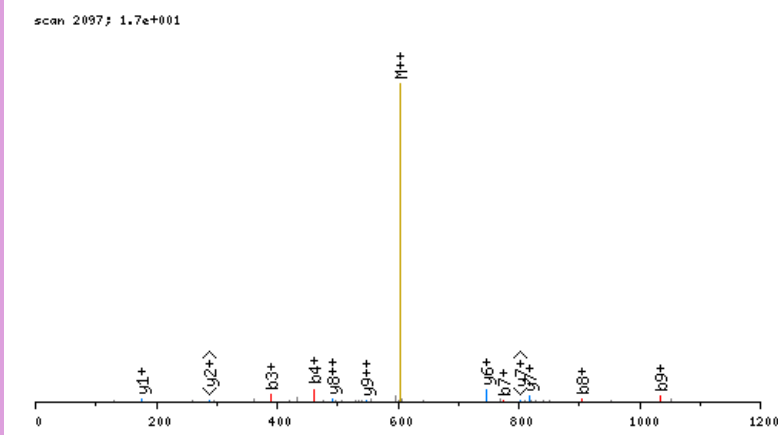
y + 2+ 3+

z + 2+ 3+

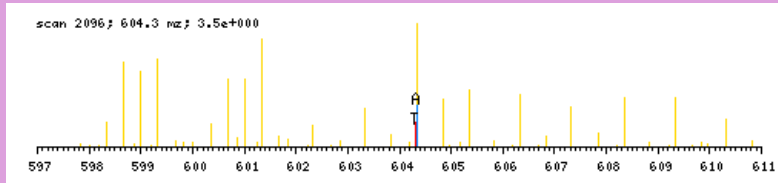
hide H₂O/NH₃

zoom 112-122

GO



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

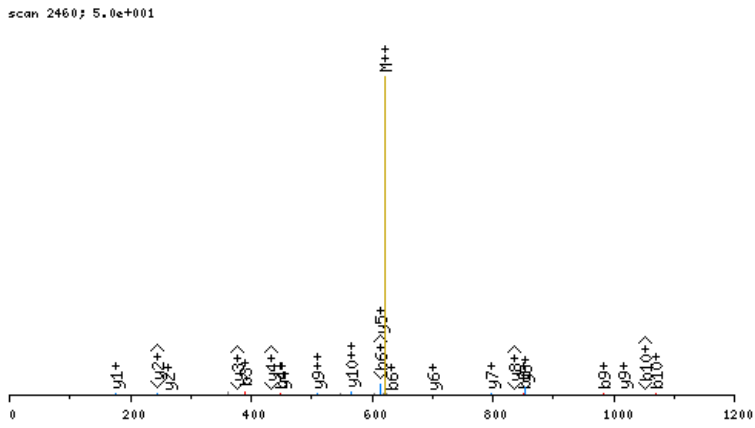


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

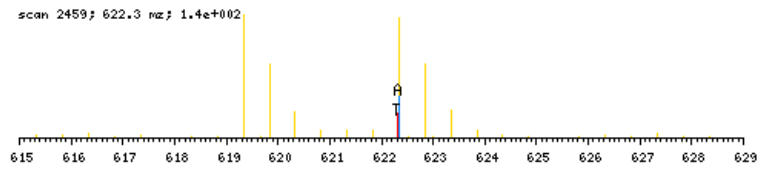
b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 10		
228.0984	2	N 9	1094.5841	547.7960
390.2565	3	K 8	980.5412	490.7745
461.2937	4	A 7	818.3831	409.6954
558.3464	5	P 6	747.3459	374.1769
645.3784	6	S 5	650.2932	325.6505
773.4370	7	Q 4	563.2612	282.1345
904.4775	8	M 3	435.2026	218.1052
1033.5201	9	E 2	304.1621	152.5850
	10	R 1	175.1195	88.0637

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

ANKGPSYGMSR, MH+ 1243.6318, m/z 622.3195
 L OSG37 P180811 230811-s1.02460.02460.2.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	
228.0984	2	N	10	1130.5841
390.2565	3	K	9	1016.5412
447.2780	4	G	8	854.3831
544.3308	5	P	7	797.3616
631.3628	6	S	6	700.3088
794.4261	7	Y	5	613.2768
851.4476	8	G	4	450.2135
982.4881	9	M	3	393.1920
1069.5201	10	S	2	262.1515
	11	R	1	175.1195

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

ANSANTNTVPKLYR, MH+ 1618.8553, m/z 540.2900
 L OSG37 P180811 230811-s1.04260.04260.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

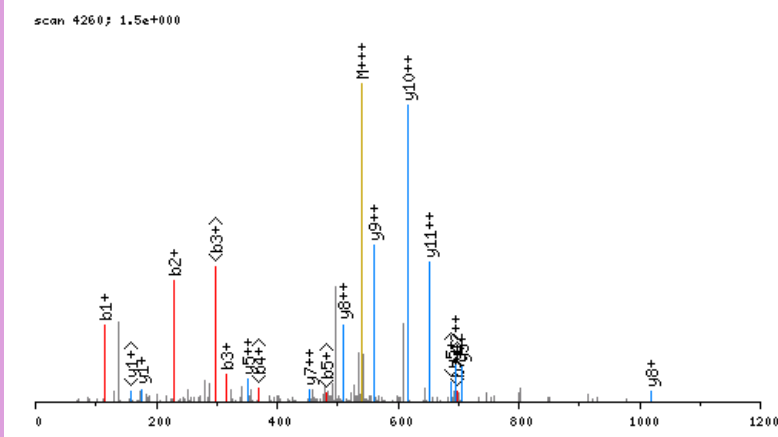
y + 2+ 3+

z + 2+ 3+

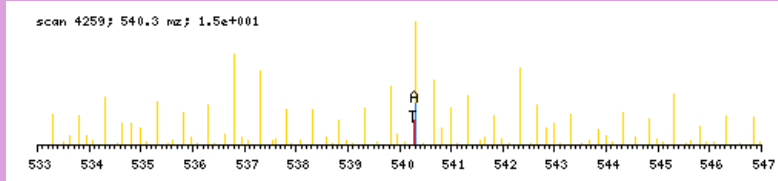
hide H₂O/NH₃

zoom 112-122

GO



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

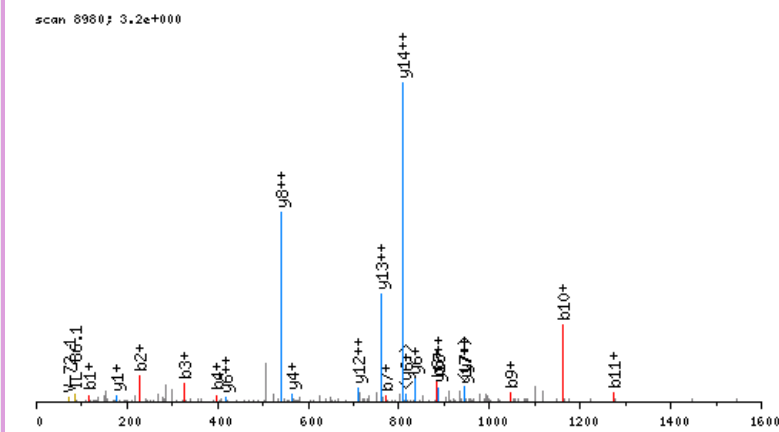


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

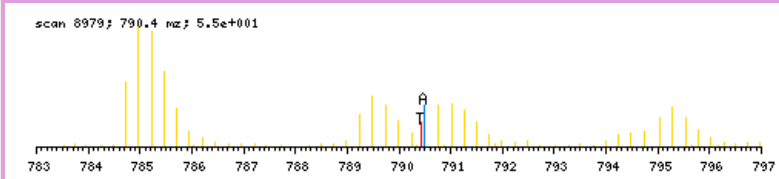
b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 14		
228.0984	2	N 13	1505.8077	753.4077
315.1305	3	S 12	1391.7647	696.3863
386.1676	4	A 11	1304.7327	652.8703
500.2105	5	N 10	1233.6956	617.3517
601.2582	6	T 9	1119.6527	560.3302
715.3011	7	N 8	1018.6050	509.8064
816.3488	8	T 7	904.5620	452.7849
915.4172	9	V 6	803.5144	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

ANVADTKLYDILGVPPGASENELKKAYR, MH+ 3158.7103, m/z 790.4330
 L OSG40 P180811 230811-sl.08980.08980.4.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⁺
114.0555	1	A 28		
228.0984	2	N 27	3045.6626	1523.3352
327.1669	3	V 26	2931.6196	1466.3137
398.2040	4	A 25	2832.5512	1416.7795
513.2309	5	D 24	2761.5141	1381.2610
614.2786	6	T 23	2646.4872	1323.7475
770.4049	7	K 22	2545.4395	1273.2237
883.4890	8	L 21	2389.3132	1195.1605
1046.5523	9	Y 20	2276.2291	1138.6185
1161.5792	10	D 19	2113.1658	1057.0868
1274.6633	11	I 18	1998.1389	999.5733
1387.7474	12	L 17	1885.0548	943.0313
1444.7688	13	G 16	1771.9707	886.4893
1543.8372	14	V 15	1714.9493	857.9785
1640.8900	15	P 14	1615.8809	808.4443
1737.9428	16	P 13	1518.8281	759.9180
1794.9642	17	G 12	1421.7753	711.3916
1866.0013	18	A 11	1364.7539	682.8808
1953.0334	19	S 10	1293.7167	647.3623
2082.0760	20	E 9	1206.6847	603.8463
2196.1189	21	N 8	1077.6421	539.3250
2325.1615	22	E 7	963.5992	482.3035
2438.2455	23	L 6	834.5566	417.7822
2594.3718	24	K 5	721.4725	361.2402
2750.4981	25	K 4	565.3462	283.1770
2821.5353	26	A 3	409.2199	205.1139
2984.5986	27	Y 2	338.1828	169.5953
	28	R 1	175.1195	88.0637

N-term:+43.02 K(7):+156.13
 K(24):+156.13 K(25):+156.13

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

APKVSDSVEQLR, MH+ 1398.7593, m/z 466.9246
 L OSG40 P180811 230811-s1.03216.03216.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

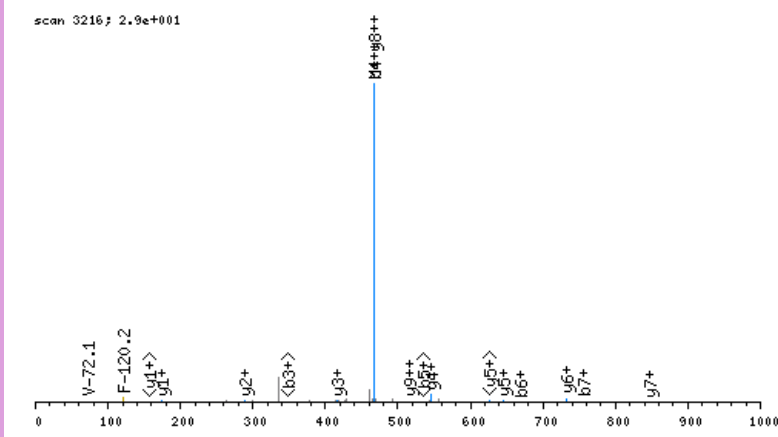
y + 2+ 3+

z + 2+ 3+

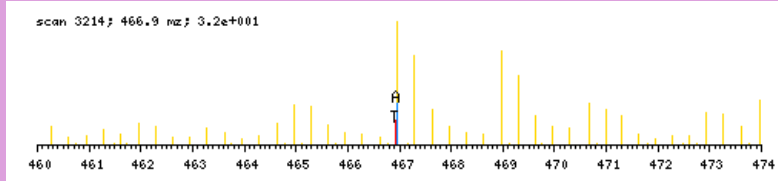
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
211.1083	2	P 11	1285.7116	643.3597
367.2346	3	K 10	1188.6589	594.8333
466.3030	4	V 9	1032.5326	516.7702
553.3350	5	S 8	933.4641	467.2360
668.3620	6	D 7	846.4321	423.7200
755.3940	7	S 6	731.4052	366.2065
854.4624	8	V 5	644.3731	322.6905
983.5050	9	E 4	545.3047	273.1563
1111.5636	10	Q 3	416.2621	208.6350
1224.6476	11	L 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

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

AQALSEEEFQR, MH+ 1349.6337, m/z 675.3205
 L OSG41 P180811 230811-s1.04966.04966.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

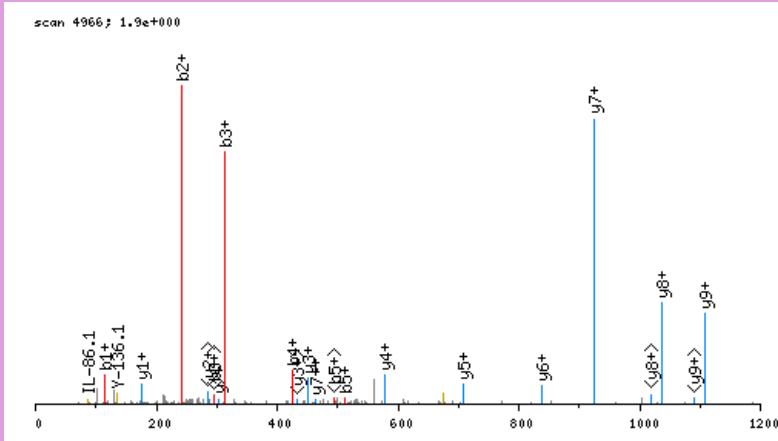
y + 2+ 3+

z + 2+ 3+

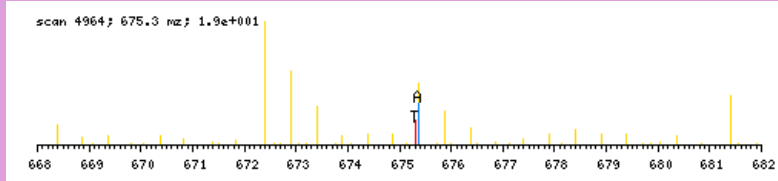
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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+ 2387.2124, m/z 796.4090
 L OSG39 P180811 230811-s1.03589.03589.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

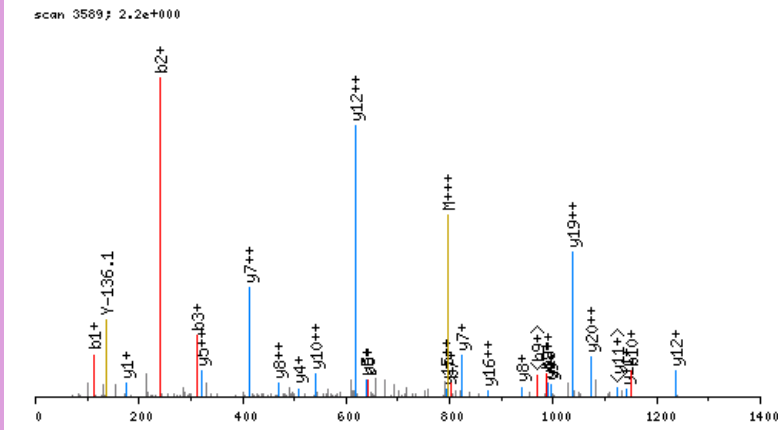
y + 2+ 3+

z + 2+ 3+

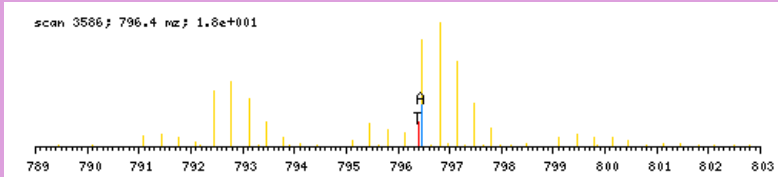
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	2274.1647	1137.5863
313.1512	3	A	20	2146.1061	1073.5570
410.2040	4	P	19	2075.0690	1038.0384
481.2411	5	A	18	1978.0163	989.5120
643.3992	6	K	17	1906.9792	953.9935
803.4298	7	C	16	1744.8211	872.9144
900.4825	8	P	15	1584.7905	792.8991
987.5146	9	S	14	1487.7377	744.3728
1150.5779	10	Y	13	1400.7057	700.8567
1247.6307	11	P	12	1237.6423	619.3251
1304.6521	12	G	11	1140.5896	570.7987
1391.6842	13	S	10	1083.5681	542.2880
1448.7056	14	G	9	996.5361	498.7720
1563.7326	15	D	8	939.5146	470.2612
1620.7540	16	G	7	824.4877	412.7477
1749.7966	17	E	6	767.4662	384.2370
1880.8371	18	M	5	638.4236	319.7157
1937.8586	19	G	4	507.3831	254.1955
2100.0167	20	K	3	450.3617	225.6847
2213.1007	21	L	2	288.2036	144.6057
	22	R	1	175.1195	88.0637

N-term:+43.02 K(6):+162.16
 C(7):+160.03 K(20):+162.16

AQAPTIVIVTQPGFVR, MH+ 1625.9015, m/z 542.6387
 L OSG41 P180811 230811-s1.06265.06265.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

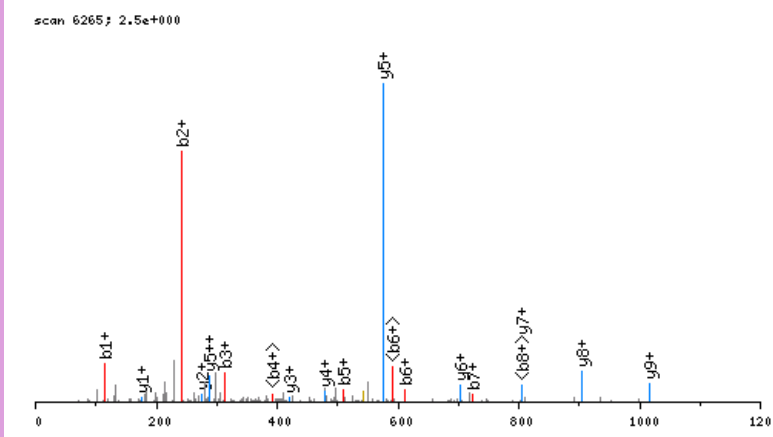
y + 2+ 3+

z + 2+ 3+

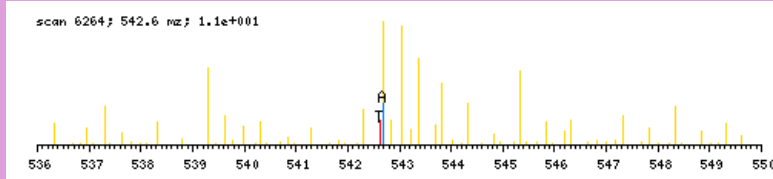
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

AQDGVELEKSVR, MH+ 1400.7386, m/z 700.8729
 L OSG37 P180811 230811-s1.04277.04277.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

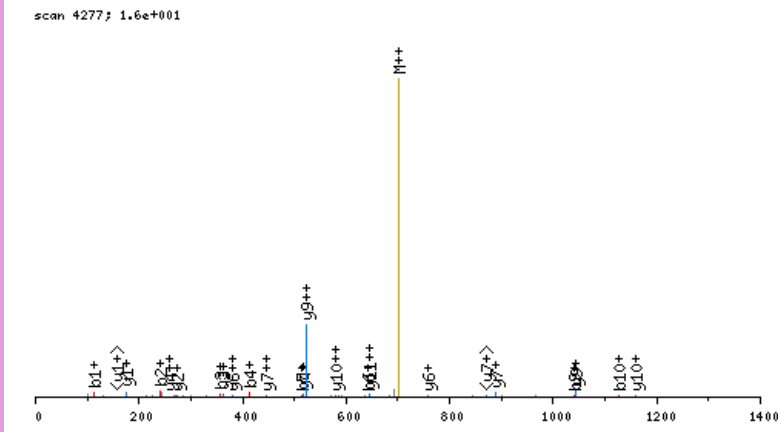
y + 2+ 3+

z + 2+ 3+

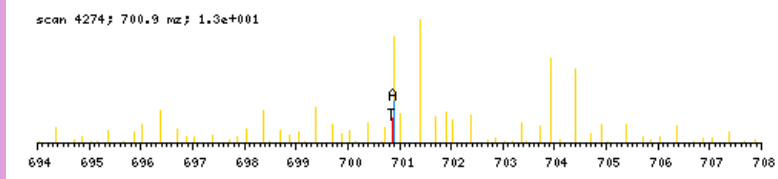
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	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+ 1371.7484, m/z 686.3778
 L OSG37 P180811 230811-s1.05437.05437.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

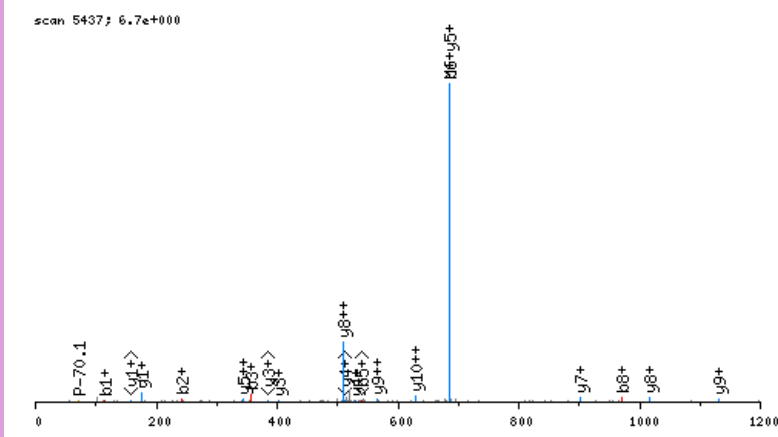
y + 2+ 3+

z + 2+ 3+

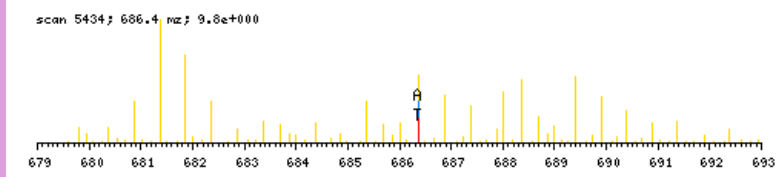
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1258.7007	629.8543
357.1410	3	D 9	1130.6422	565.8250
470.2251	4	L 8	1015.6152	508.3115
557.2571	5	S 7	902.5311	451.7695
686.2997	6	E 6	815.4991	408.2535
842.4260	7	K 5	686.4565	343.7322
971.4686	8	E 4	530.3302	265.6690
1084.5527	9	L 3	401.2876	201.1477
1197.6367	10	L 2	288.2036	144.6057
	11	R 1	175.1195	88.0637

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

AQDQGEKENPMR, MH+ 1478.7122, m/z 739.8597
 L OSG37 P180811 230811-s1.02255.02255.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

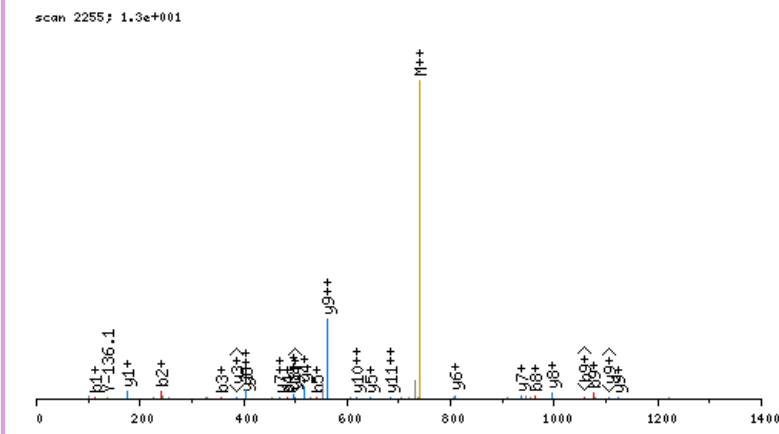
y + 2+ 3+

z + 2+ 3+

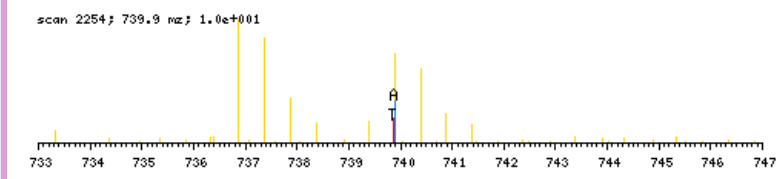
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1365.6645	683.3362
357.1410	3	D 10	1237.6059	619.3069
485.1996	4	Q 9	1122.5790	561.7934
542.2211	5	G 8	994.5204	497.7641
671.2637	6	E 7	937.4990	469.2534
833.4218	7	K 6	808.4564	404.7321
962.4644	8	E 5	646.2983	323.6530
1076.5073	9	N 4	517.2557	259.1318
1173.5601	10	P 3	403.2127	202.1103
1304.6005	11	M 2	306.1600	153.5839
	12	R 1	175.1195	88.0637

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

AQELQHPEFAR, MH+ 1367.6708, m/z 684.3390
 L OSG37 P180811 230811-s1.04770.04770.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

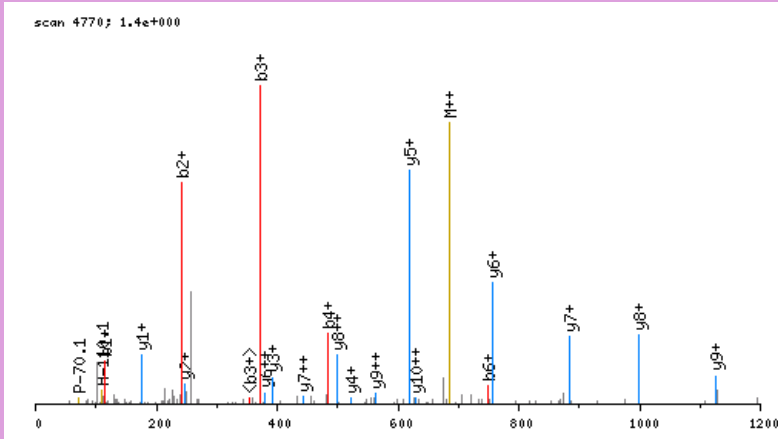
y + 2+ 3+

z + 2+ 3+

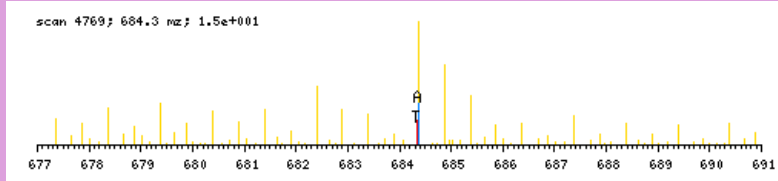
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	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
 L OSG39 P180811 230811-s1.02418.02418.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

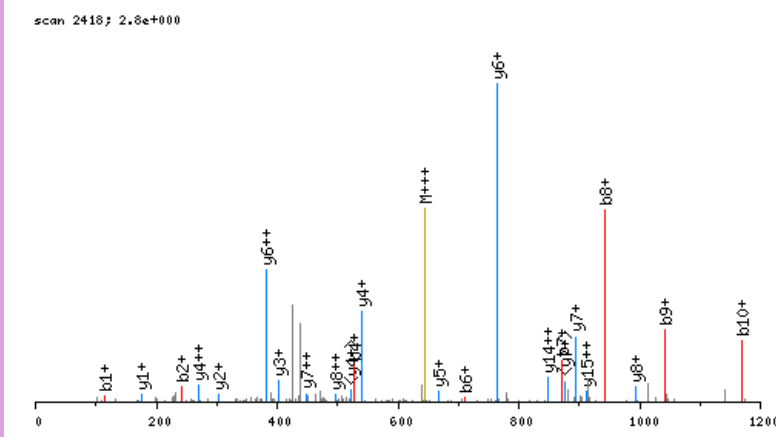
y + 2+ 3+

z + 2+ 3+

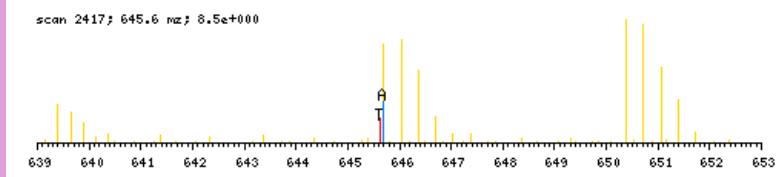
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	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 781.8762
 L OSG41 P180811 230811-s1.06262.06262.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

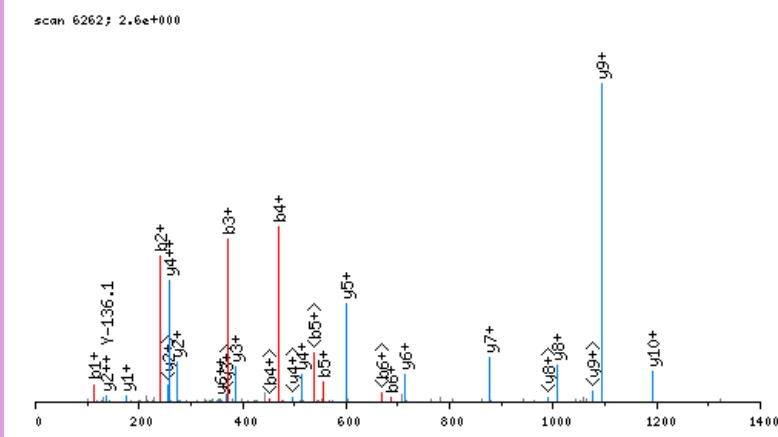
y + 2+ 3+

z + 2+ 3+

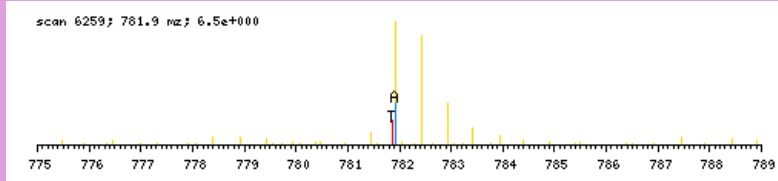
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

AQGSHQIDFQVLHDLR, MH+ 1905.9571, m/z 635.9906
 L OSG39 P180811 230811-s1.06097.06097.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

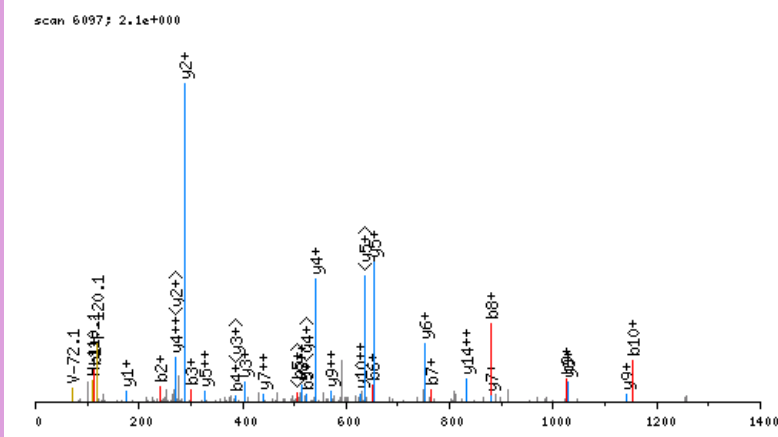
y + 2+ 3+

z + 2+ 3+

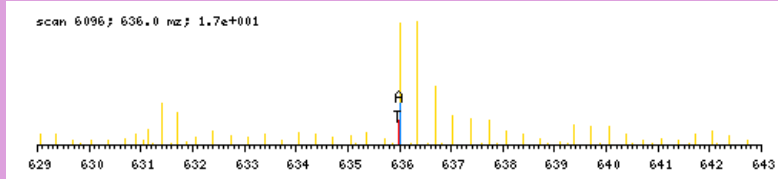
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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+ 1139.6173, m/z 570.3123
 L OSG37 P180811 230811-s1.02155.02155.2.dta

scan 2155; 9.3e+001

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

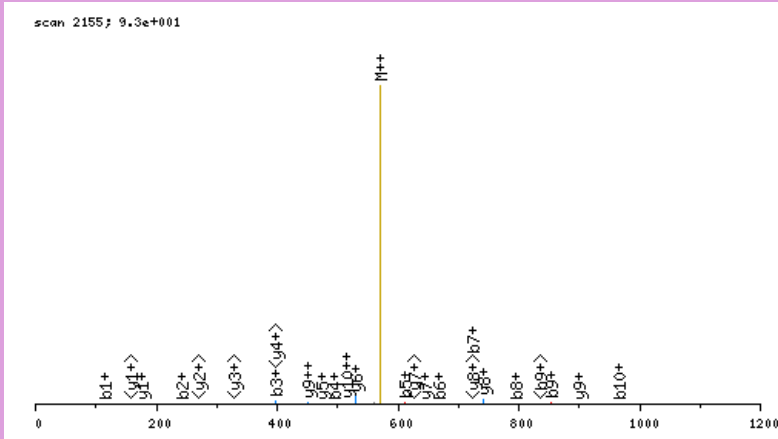
y + 2+ 3+

z + 2+ 3+

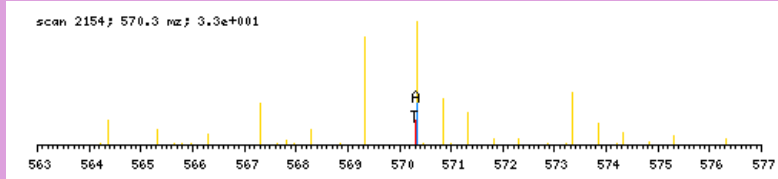
hide H₂O/NH₃

zoom 112-122

GO



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



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	1026.5697	513.7887
398.2404	3	K	9	898.5111	449.7595
495.2932	4	P	8	742.3848	371.6963
610.3201	5	D	7	645.3320	323.1699
667.3416	6	G	6	530.3051	265.6564
724.3630	7	G	5	473.2836	237.1457
795.4001	8	A	4	416.2621	208.6350
852.4216	9	G	3	345.2250	173.1164
965.5057	10	L	2	288.2036	144.6057
	11	R	1	175.1195	88.0637

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

AQNLKDLAGR, MH+ 1161.6804, m/z 581.3439
 L OSG37 P180811 230811-s1.04660.04660.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

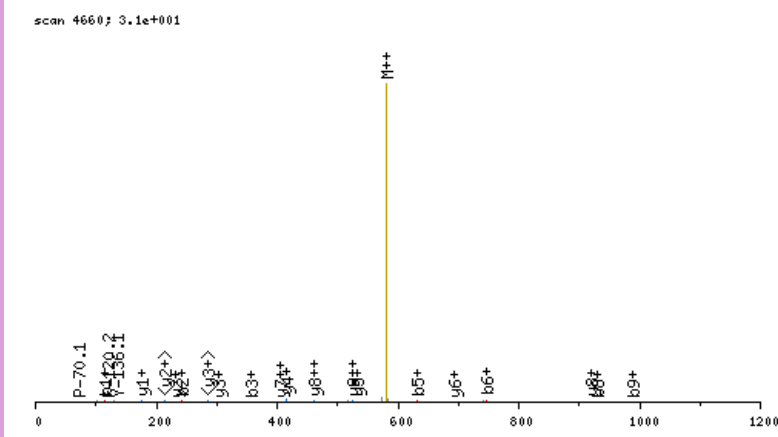
y + 2+ 3+

z + 2+ 3+

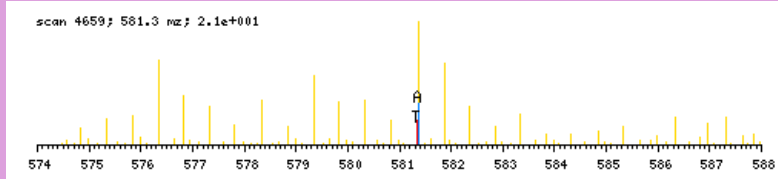
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

AQPGPAPQPDVSLQQR, MH+ 1730.8826, m/z 577.6324
 L OSG41 P180811 230811-s1.04097.04097.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

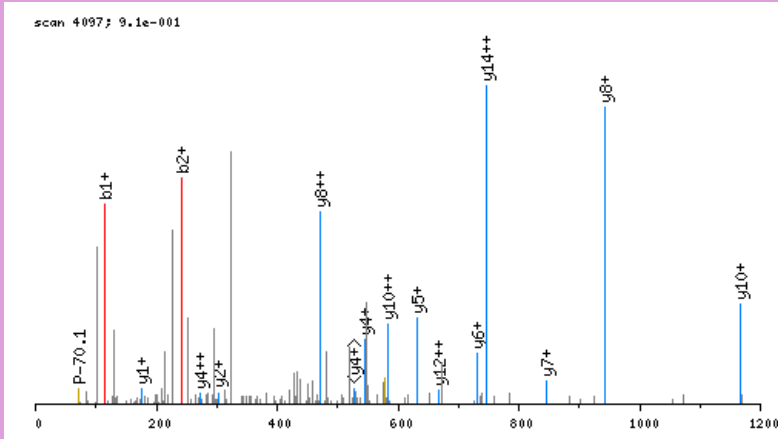
y + 2+ 3+

z + 2+ 3+

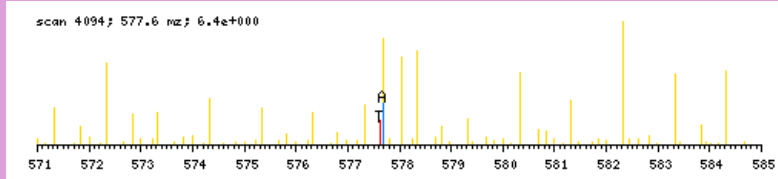
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

AQPKNLEGYVGFANLPNQVYR, MH+ 2454.2994, m/z 818.7713
 L OSG37 P180811 230811-s1.08383.08383.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

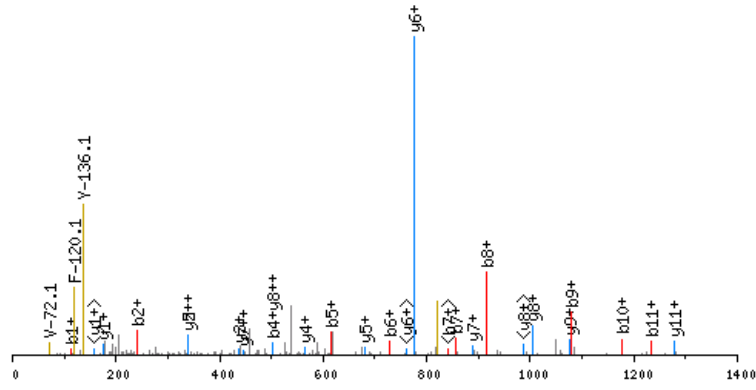
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

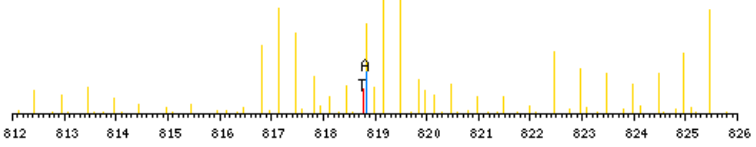
GO

scan 8383; 2.6e+000



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

scan 8379; 818.8 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 21		
242.1141	2	Q 20	2341.2517	1171.1298
339.1669	3	P 19	2213.1931	1107.1005
501.3250	4	K 18	2116.1404	1058.5741
615.3679	5	N 17	1953.9823	977.4951
728.4519	6	L 16	1839.9394	920.4736
857.4945	7	E 15	1726.8553	863.9316
914.5160	8	G 14	1597.8127	799.4103
1077.5793	9	Y 13	1540.7912	770.8995
1176.6477	10	V 12	1377.7279	689.3679
1233.6692	11	G 11	1278.6595	639.8337
1380.7376	12	F 10	1221.6380	611.3229
1451.7747	13	A 9	1074.5696	537.7887
1565.8177	14	N 8	1003.5325	502.2702
1678.9017	15	L 7	889.4896	445.2487
1775.9545	16	P 6	776.4055	388.7067
1889.9974	17	N 5	679.3527	340.1803
2018.0560	18	Q 4	565.3098	283.1588
2117.1244	19	V 3	437.2512	219.1295
2280.1877	20	Y 2	338.1828	169.5953
	21	R 1	175.1195	88.0637

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

AQWNQLQLDTR, MH+ 1542.7665, m/z 771.8869
 L OSG41 P180811 230811-s1.06238.06238.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

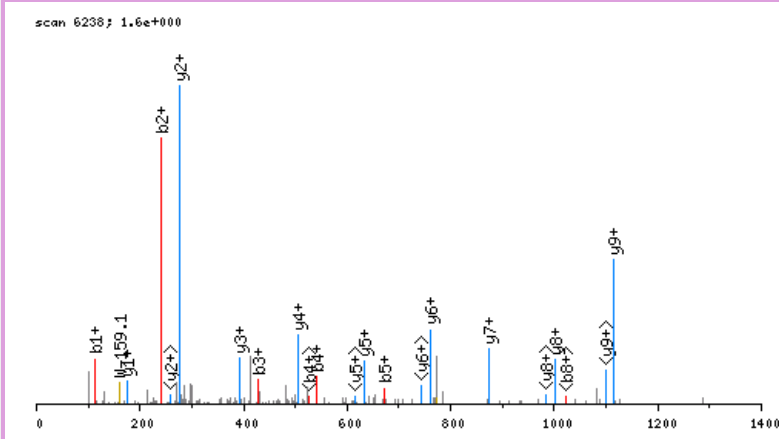
y + 2+ 3+

z + 2+ 3+

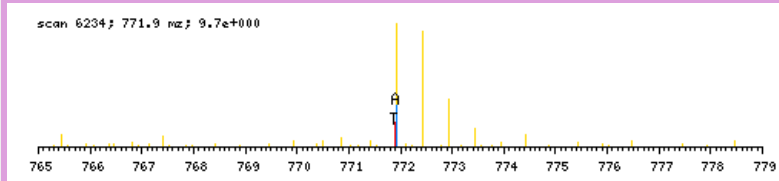
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1429.7188	715.3633
428.1934	3	W	10	1301.6602	651.3340
542.2363	4	N	9	1115.5809	558.2944
670.2949	5	Q	8	1001.5380	501.2729
783.3790	6	L	7	873.4794	437.2436
911.4376	7	Q	6	760.3953	380.7016
1039.4961	8	Q	5	632.3368	316.6723
1152.5802	9	L	4	504.2782	252.6430
1267.6071	10	D	3	391.1941	196.1010
1368.6548	11	T	2	276.1672	138.5875
	12	R	1	175.1195	88.0637

N-term:+43.02

ASALEQFVNSVR, MH+ 1362.7018, m/z 681.8545
 L OSG41 P180811 230811-s1.07535.07535.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

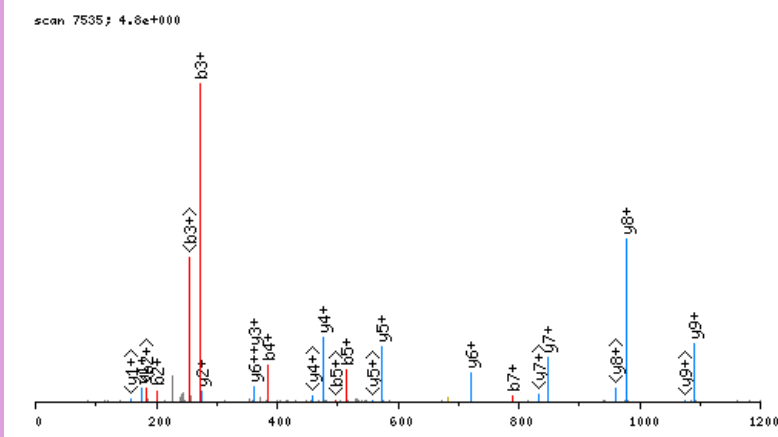
y + 2+ 3+

z + 2+ 3+

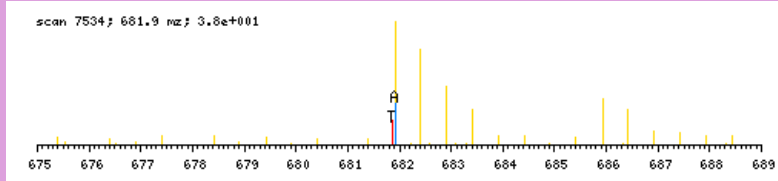
hide H₂O/NH₃

zoom 112-122

GO



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

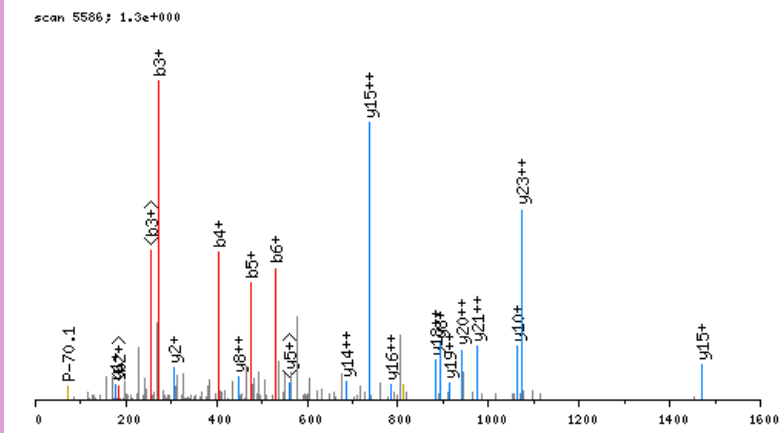


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

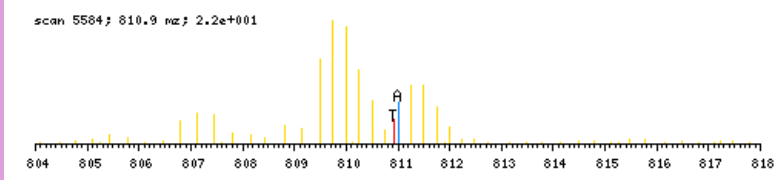
b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 12		
201.0875	2	S 11	1249.6541	625.3310
272.1247	3	A 10	1162.6220	581.8149
385.2087	4	L 9	1091.5849	546.2964
514.2513	5	E 8	978.5009	489.7543
642.3099	6	Q 7	849.4583	425.2331
789.3783	7	F 6	721.3997	361.2038
888.4467	8	V 5	574.3313	287.6696
1002.4896	9	N 4	475.2629	238.1353
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

ASAMAGAGPAPGLPVAGGPPVPGVGVGIPGKSGEER, MH+ 3240.7264, m/z 810.9370
 L OSG36 P180811 230811-s1.05586.05586.4.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⁺
114.0555	1	A	36		
201.0875	2	S	35	3127.6787	1564.3432
272.1247	3	A	34	3040.6466	1520.8272
403.1651	4	M	33	2969.6095	1485.3087
474.2023	5	A	32	2838.5690	1419.7884
531.2237	6	G	31	2767.5319	1384.2699
602.2608	7	A	30	2710.5105	1355.7591
659.2823	8	G	29	2639.4733	1320.2406
756.3351	9	P	28	2582.4519	1291.7299
827.3722	10	A	27	2485.3991	1243.2035
924.4249	11	P	26	2414.3620	1207.6849
981.4464	12	G	25	2317.3092	1159.1585
1094.5305	13	L	24	2260.2878	1130.6478
1191.5832	14	P	23	2147.2037	1074.1058
1290.6516	15	V	22	2050.1510	1025.5794
1361.6888	16	A	21	1951.0825	976.0452
1418.7102	17	G	20	1880.0454	940.5266
1475.7317	18	G	19	1823.0240	912.0159
1572.7844	19	P	18	1766.0025	883.5052
1671.8529	20	V	17	1668.9497	834.9788
1770.9213	21	V	16	1569.8813	785.4446
1867.9740	22	P	15	1470.8129	735.9104
1924.9955	23	G	14	1373.7601	687.3840
2022.0483	24	P	13	1316.7387	658.8733
2079.0697	25	G	12	1219.6859	610.3469
2178.1381	26	V	11	1162.6644	581.8361
2235.1596	27	G	10	1063.5960	532.3019
2348.2437	28	I	9	1006.5746	503.7912
2445.2964	29	P	8	893.4905	447.2492
2502.3179	30	G	7	796.4377	398.7228
2664.4760	31	K	6	739.4163	370.2121
2751.5080	32	S	5	577.2582	289.1330
2808.5295	33	G	4	490.2262	245.6170
2937.5721	34	E	3	433.2047	217.1063
3066.6147	35	E	2	304.1621	152.5850
	36	R	1	175.1195	88.0637

N-term:+43.02 K(31):+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

ASASEPPASPR, MH+ 1111.5384, m/z 556.2728
 L OSG41 P180811 230811-s1.02303.02303.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

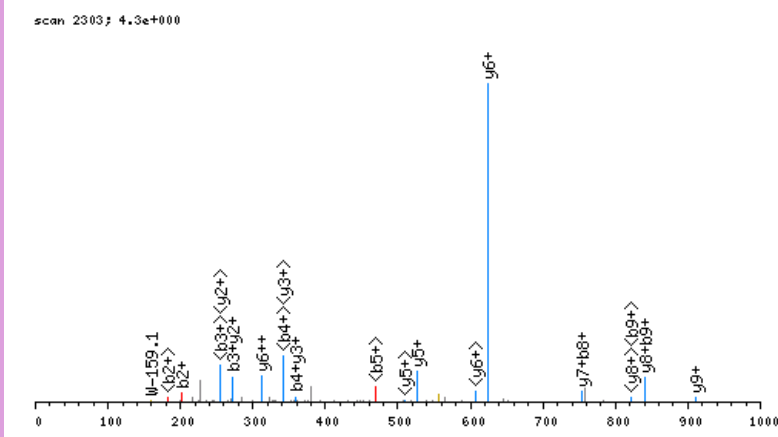
y + 2+ 3+

z + 2+ 3+

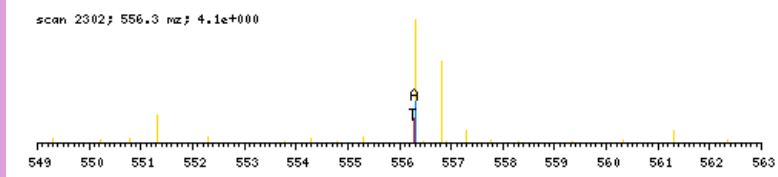
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

ASASYHISNLLKMTSSDKDFR, MH+ 2610.3511, m/z 653.3432
 L OSG40 P180811 230811-s1.09120.09120.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

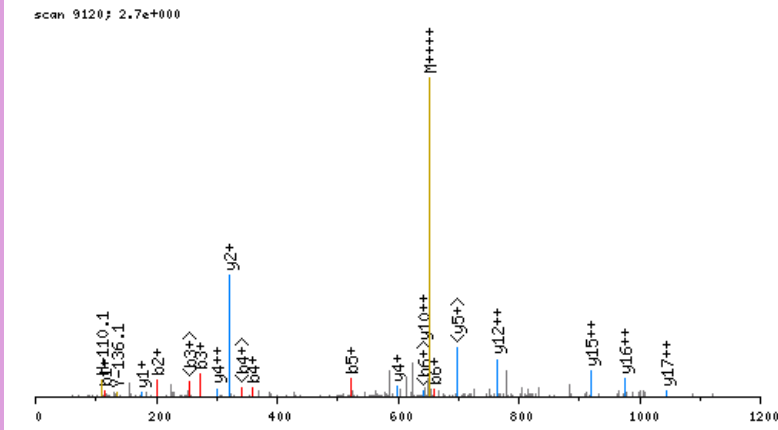
y + 2+ 3+

z + 2+ 3+

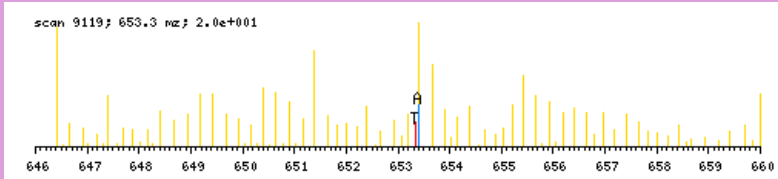
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
201.0875	2	S	21	2497.3034	1249.1556
272.1247	3	A	20	2410.2713	1205.6396
359.1567	4	S	19	2339.2342	1170.1210
522.2200	5	Y	18	2252.2022	1126.6050
659.2789	6	H	17	2089.1389	1045.0733
772.3630	7	I	16	1952.0800	976.5439
859.3950	8	S	15	1838.9959	920.0019
973.4379	9	N	14	1751.9639	876.4858
1086.5220	10	L	13	1637.9209	819.4644
1199.6061	11	L	12	1524.8369	762.9224
1328.6487	12	E	11	1411.7528	706.3803
1490.8068	13	K	10	1282.7102	641.8590
1621.8473	14	M	9	1120.5521	560.7800
1722.8949	15	T	8	989.5116	495.2597
1809.9270	16	S	7	888.4640	444.7359
1896.9590	17	S	6	801.4319	401.2199
2011.9859	18	D	5	714.3999	357.7039
2174.1440	19	K	4	599.3730	300.1904
2289.1710	20	D	3	437.2149	219.1113
2436.2394	21	F	2	322.1879	161.5979
	22	R	1	175.1195	88.0637

N-term:+43.02 K(13):+162.16
 K(19):+162.16

ASAVSPANLPAVLLQPR, MH+ 1745.9914, m/z 582.6687
 L OSG41 P180811 230811-s1.07381.07381.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

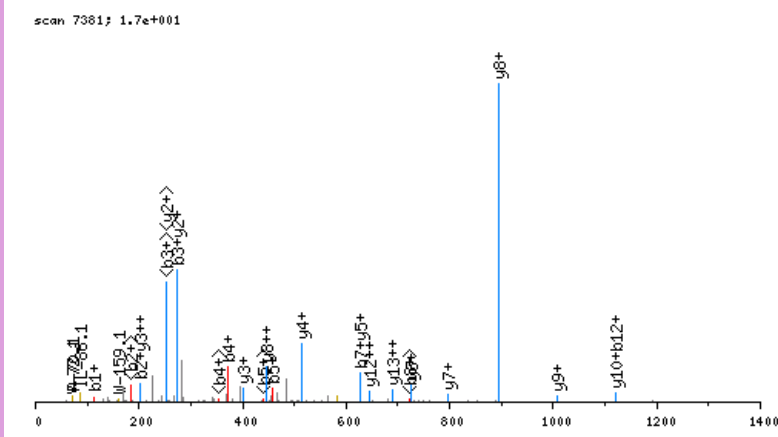
y + 2+ 3+

z + 2+ 3+

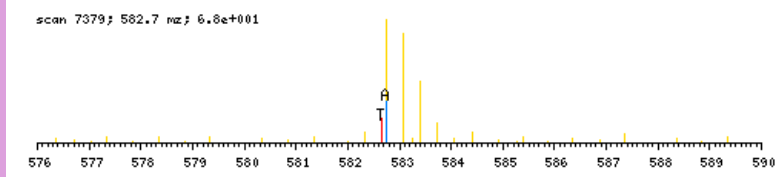
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

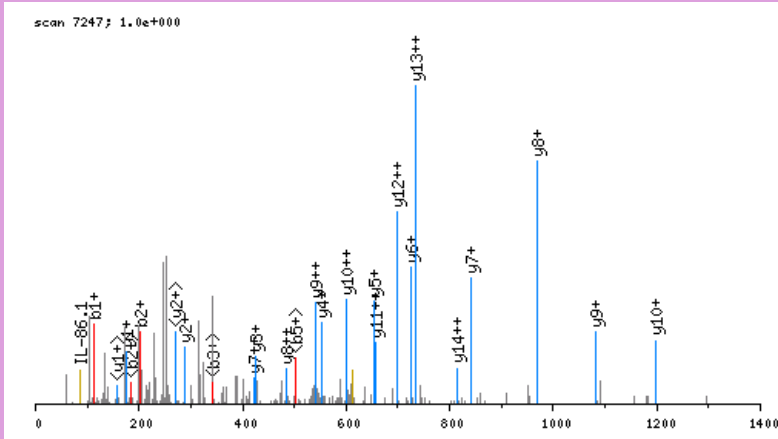
y + 2+ 3+

z + 2+ 3+

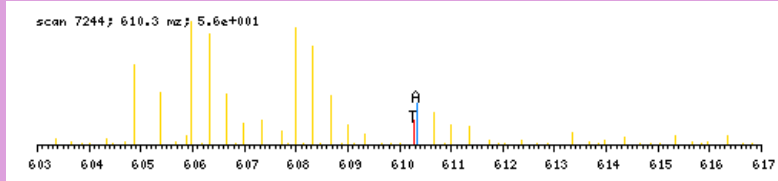
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

ASCDEIKEHPR, MH+ 1417.6958, m/z 473.2368
 L OSG40 P180811 230811-s1.02171.02171.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

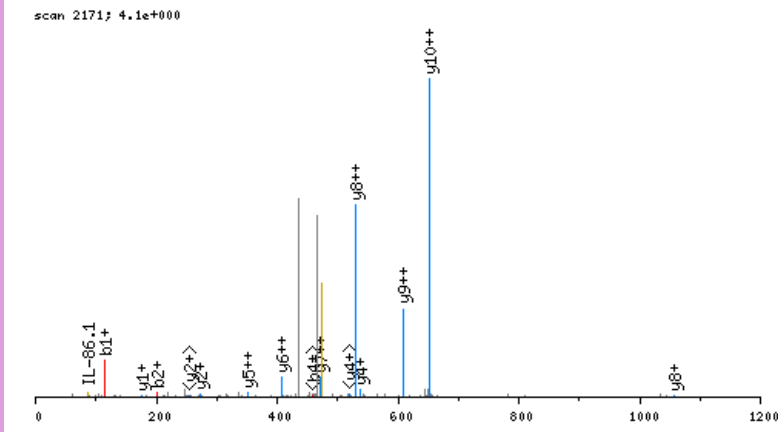
y + 2+ 3+

z + 2+ 3+

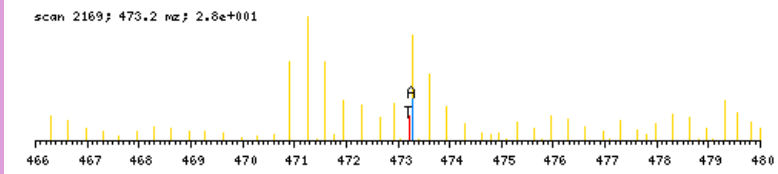
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

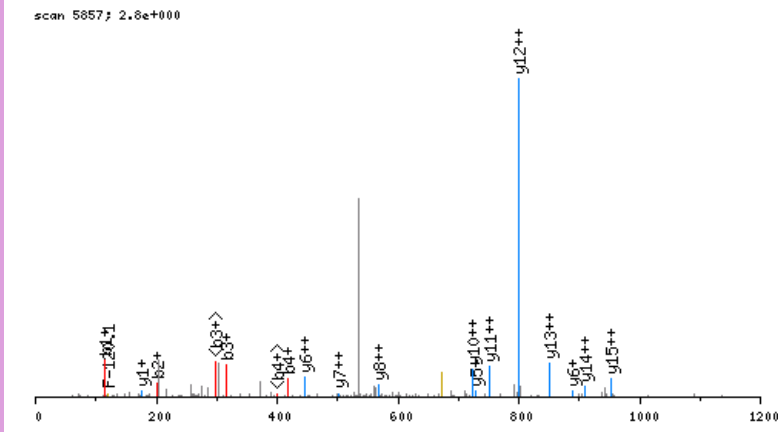
y + 2+ 3+

z + 2+ 3+

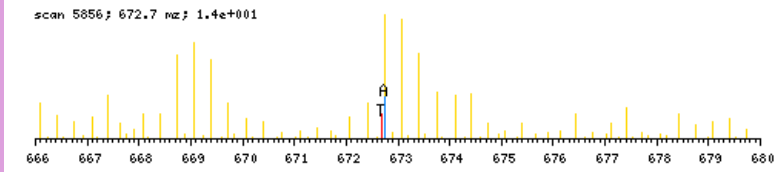
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1903.0061	952.0069
316.1145	3	D	14	1815.9740	908.4909
417.1622	4	T	13	1700.9471	850.9775
514.2149	5	P	12	1599.8994	800.4536
571.2364	6	G	11	1502.8467	751.9272
718.3048	7	F	10	1445.8252	723.4165
881.3681	8	Y	9	1298.7568	649.8823
1012.4086	9	M	8	1135.6934	568.3506
1127.4356	10	D	7	1004.6530	502.8304
1289.5937	11	K	6	889.6260	445.3169
1402.6777	12	L	5	727.4679	364.2379
1516.7207	13	N	4	614.3839	307.6958
1678.8788	14	K	3	500.3409	250.6744
1841.9421	15	Y	2	338.1828	169.5953
	16	R	1	175.1195	88.0637

N-term:+43.02 K(11):+162.16
 K(14):+162.16

ASEAGGIGGGGGGKIR, MH+ 1470.7665, m/z 490.9270
 L OSG37 P180811 230811-s1.02863.02863.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

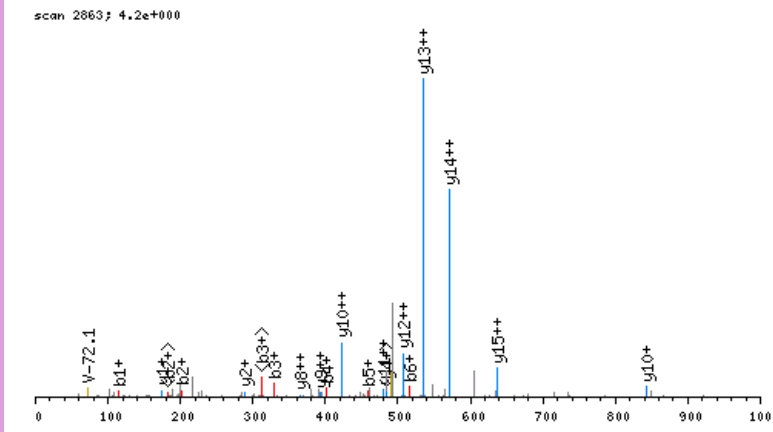
y + 2+ 3+

z + 2+ 3+

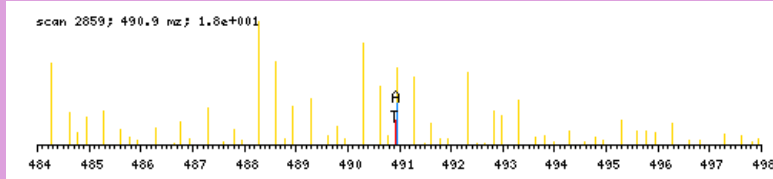
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1357.7188	679.3633
330.1301	3	E	15	1270.6868	635.8473
401.1672	4	A	14	1141.6442	571.3260
458.1887	5	G	13	1070.6071	535.8075
515.2102	6	G	12	1013.5856	507.2967
628.2942	7	I	11	956.5642	478.7860
685.3157	8	G	10	843.4801	422.2440
742.3372	9	G	9	786.4586	393.7332
799.3586	10	G	8	729.4372	365.2225
856.3801	11	G	7	672.4157	336.7118
913.4016	12	G	6	615.3943	308.2010
970.4230	13	G	5	558.3728	279.6903
1027.4445	14	G	4	501.3513	251.1796
1183.5708	15	K	3	444.3299	222.6688
1296.6549	16	I	2	288.2036	144.6057
	17	R	1	175.1195	88.0637

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

ASESGKLWGR, MH+ 1223.6597, m/z 612.3335
 L OSG38 P180811 230811-s1.04287.04287.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

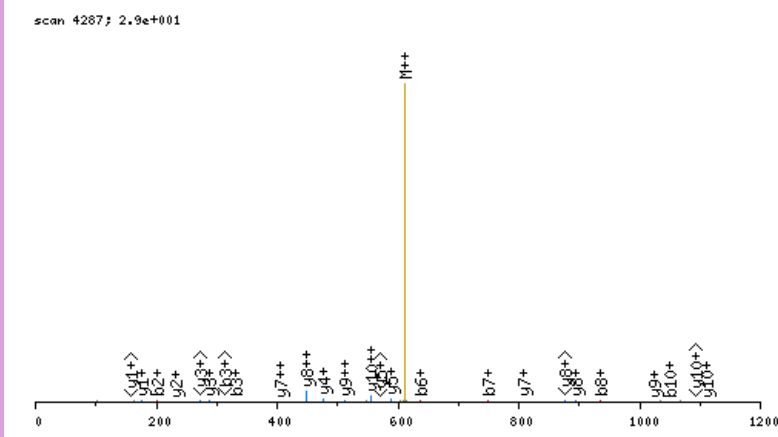
y + 2+ 3+

z + 2+ 3+

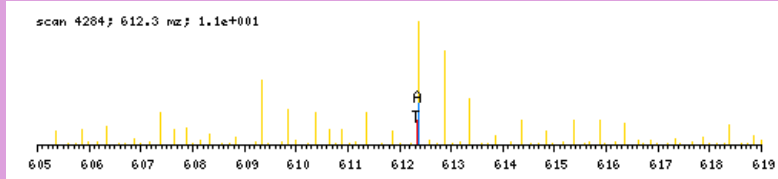
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1110.6120	555.8099
330.1301	3	E 9	1023.5800	512.2939
417.1622	4	S 8	894.5374	447.7726
474.1836	5	G 7	807.5054	404.2566
636.3417	6	K 6	750.4839	375.7459
749.4258	7	L 5	588.3258	294.6668
935.5051	8	W 4	475.2417	238.1248
992.5266	9	G 3	289.1624	145.0851
1049.5480	10	G 2	232.1410	116.5744
	11	R 1	175.1195	88.0637

N-term:+43.02 K(6):+162.16

ASESSPLLAYR, MH+ 1235.6272, m/z 618.3172
 L OSG41 P180811 230811-s1.05412.05412.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

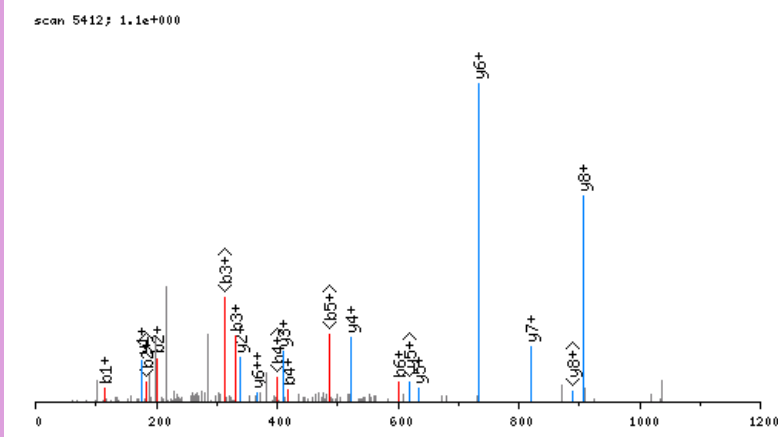
y + 2+ 3+

z + 2+ 3+

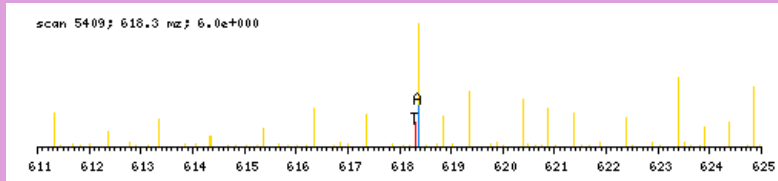
hide H₂O/NH₃

zoom 112-122

GO



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



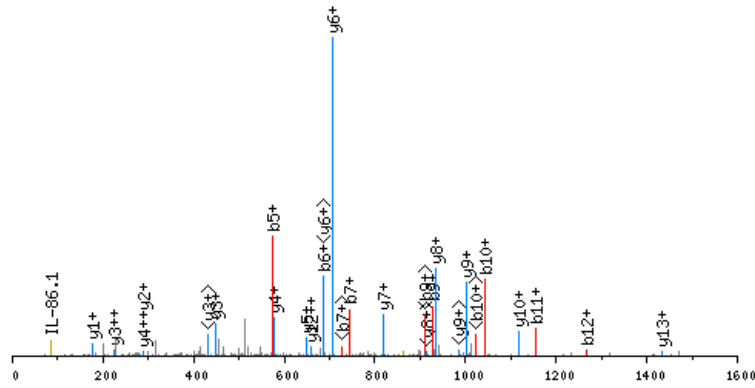
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

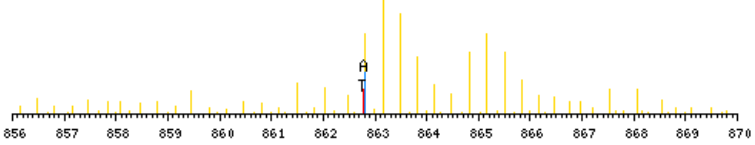
ASGCKIGPSILNSDLANLGAELR, MH+ 2586.3019, m/z 862.7722
 L OSG36 P180811 230811-s1.06093.06093.3.dta

scan 6093; 1.2e+001



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

scan 6093; 862.8 mz; 2.6e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:
 AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

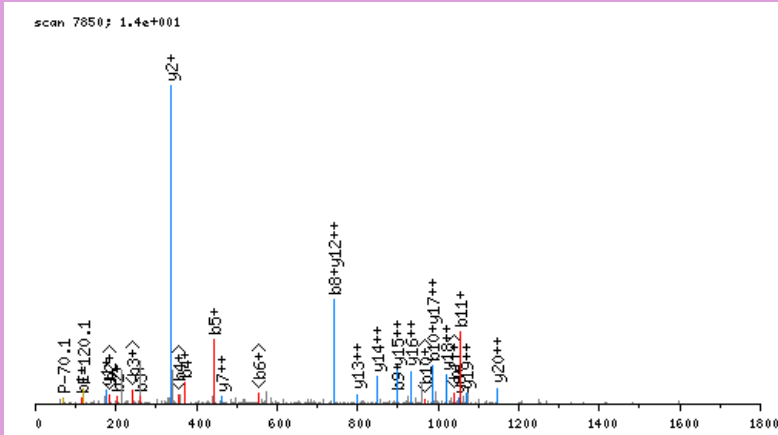
zoom 112-122

GO

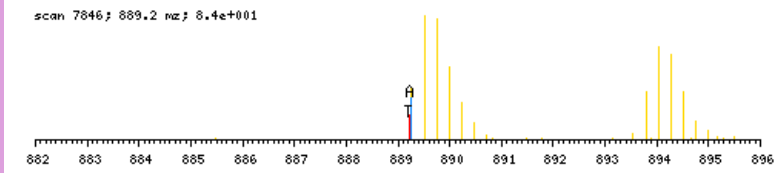
b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 24		
201.0875	2	S 23	2473.2542	1237.1310
258.1090	3	G 22	2386.2222	1193.6150
418.1396	4	C 21	2329.2008	1165.1043
574.2659	5	K 20	2169.1702	1085.0890
687.3500	6	I 19	2013.0439	1007.0258
744.3714	7	G 18	1899.9598	950.4838
841.4242	8	P 17	1842.9383	921.9731
928.4562	9	S 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

ASGNAQIGKSAPDFTATAVVDGAFKEIKLSDYR, MH+ 3553.8544, m/z 889.2190
 L OSG39 P180811 230811-s1.07850.07850.4.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⁺
114.0555	1	A	33		
201.0875	2	S	32	3440.8067	1720.9072
258.1090	3	G	31	3353.7746	1677.3912
372.1519	4	N	30	3296.7532	1648.8805
443.1890	5	A	29	3182.7103	1591.8590
571.2476	6	Q	28	3111.6731	1556.3405
684.3317	7	I	27	2983.6146	1492.3112
741.3532	8	G	26	2870.5305	1435.7692
897.4795	9	K	25	2813.5090	1407.2584
984.5115	10	S	24	2657.3827	1329.1953
1055.5486	11	A	23	2570.3507	1285.6793
1152.6014	12	P	22	2499.3136	1250.1607
1267.6283	13	D	21	2402.2608	1201.6343
1414.6967	14	F	20	2287.2339	1144.1209
1515.7444	15	T	19	2140.1655	1070.5866
1586.7815	16	A	18	2039.1178	1020.0628
1687.8292	17	T	17	1968.0807	984.5443
1758.8663	18	A	16	1867.0330	934.0204
1857.9347	19	V	15	1795.9959	898.5019
1957.0031	20	V	14	1696.9275	848.9676
2072.0301	21	D	13	1597.8591	799.4334
2129.0515	22	G	12	1482.8321	741.9200
2200.0886	23	A	11	1425.8106	713.4092
2347.1571	24	F	10	1354.7735	677.8907
2503.2834	25	K	9	1207.7051	604.3565
2632.3260	26	E	8	1051.5788	526.2933
2745.4100	27	I	7	922.5362	461.7720
2901.5363	28	K	6	809.4522	405.2300
3014.6204	29	L	5	653.3259	327.1668
3101.6524	30	S	4	540.2418	270.6248
3216.6794	31	D	3	453.2098	227.1088
3379.7427	32	Y	2	338.1828	169.5953
	33	R	1	175.1195	88.0637

N-term:+43.02 K(9):+156.13
 K(25):+156.13 K(28):+156.13

ASGRPEELWEAVVGAER, MH+ 1968.9779, m/z 656.9975
 L OSG37 P180811 230811-s1.08761.08761.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

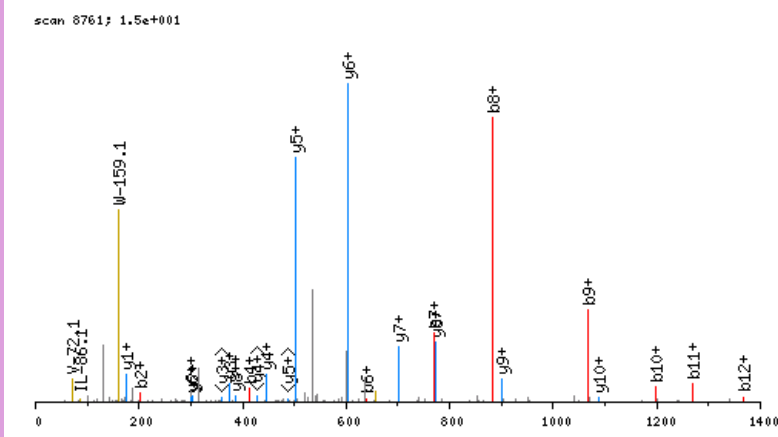
y + 2+ 3+

z + 2+ 3+

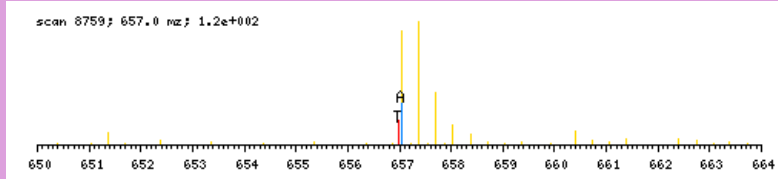
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
201.0875	2	S 17	1855.9303	928.4690
258.1090	3	G 16	1768.8982	884.9530
414.2101	4	R 15	1711.8768	856.4423
511.2629	5	P 14	1555.7756	778.3917
640.3055	6	E 13	1458.7229	729.8654
769.3481	7	E 12	1329.6803	665.3441
882.4321	8	L 11	1200.6377	600.8228
1068.5114	9	W 10	1087.5536	544.2807
1197.5540	10	E 9	901.4743	451.2411
1268.5912	11	A 8	772.4317	386.7198
1367.6596	12	V 7	701.3946	351.2012
1466.7280	13	V 6	602.3262	301.6670
1523.7494	14	G 5	503.2578	252.1328
1594.7866	15	A 4	446.2363	223.6221
1665.8237	16	A 3	375.1992	188.1035
1794.8663	17	E 2	304.1621	152.5850
	18	R 1	175.1195	88.0637

N-term:+43.02

ASGSMATSEEEER, MH+ 1296.5378, m/z 648.7725
 L OSG41 P180811 230811-s1.02425.02425.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

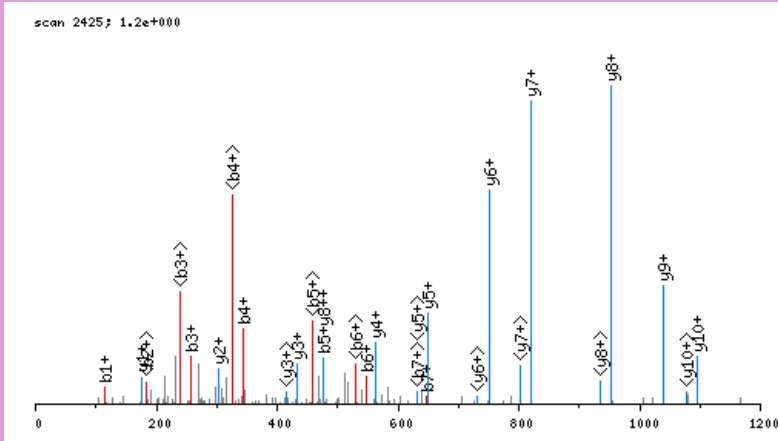
y + 2+ 3+

z + 2+ 3+

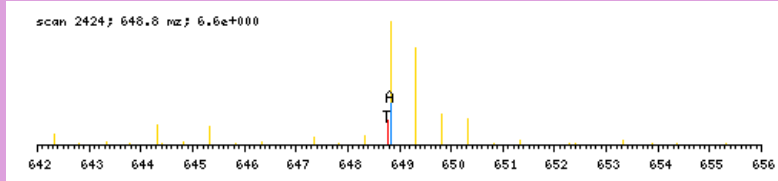
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

X-range: -

MassTol: Y-zoom:

MassType: AVG MONO

Axis: 1 2

Label: I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

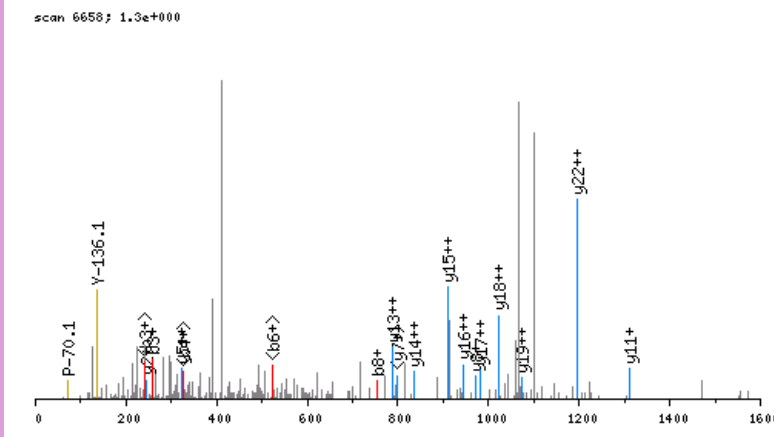
y + 2+ 3+

z + 2+ 3+

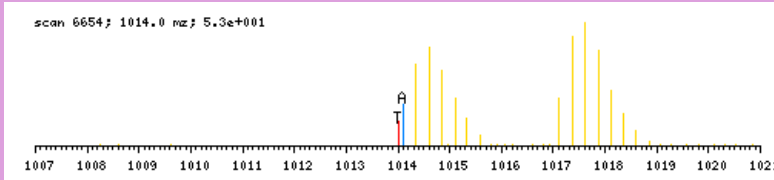
hide H₂O/NH₃

zoom 112-122

ASGSPPSQPPPASGSGYVPGSVSAAFVTCPNEKVAKIAR, MH+ 4053.0392, m/z 1014.0153
L OSG38 P180811 230811-s1.06658.06658.4.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⁺
114.0555	1	A	40		
201.0875	2	S	39	3939.9915	1970.4997
258.1090	3	G	38	3852.9595	1926.9836
345.1410	4	S	37	3795.9380	1898.4729
442.1938	5	P	36	3708.9060	1854.9569
539.2466	6	P	35	3611.8532	1806.4305
626.2786	7	S	34	3514.8005	1757.9041
754.3372	8	Q	33	3427.7684	1714.3881
851.3899	9	P	32	3299.7098	1650.3588
948.4427	10	P	31	3202.6571	1601.8325
1045.4955	11	P	30	3105.6043	1553.3061
1116.5326	12	A	29	3008.5516	1504.7797
1203.5646	13	S	28	2937.5144	1469.2611
1260.5861	14	G	27	2850.4824	1425.7451
1347.6181	15	S	26	2793.4610	1397.2344
1404.6396	16	G	25	2706.4289	1353.7184
1567.7029	17	Y	24	2649.4075	1325.2076
1666.7713	18	Y	23	2486.3441	1243.6760
1763.8241	19	P	22	2387.2757	1194.1418
1820.8455	20	G	21	2290.2230	1145.6154
1907.8776	21	S	20	2233.2015	1117.1047
2006.9460	22	V	19	2146.1695	1073.5886
2093.9780	23	S	18	2047.1010	1024.0544
2165.0151	24	A	17	1960.0690	980.5384
2236.0522	25	A	16	1889.0319	945.0199
2383.1206	26	F	15	1817.9948	909.5013
2482.1891	27	V	14	1670.9264	835.9671
2583.2367	28	T	13	1571.8580	786.4329
2743.2673	29	C	12	1470.8103	735.9091
2840.3201	30	P	11	1310.7797	655.8938
2954.3630	31	N	10	1213.7269	607.3674
3083.4056	32	E	9	1099.6840	550.3459
3239.5319	33	K	8	970.6414	485.8246
3338.6003	34	V	7	814.5151	407.7615
3409.6374	35	A	6	715.4467	358.2273
3565.7637	36	K	5	644.4096	322.7087
3694.8063	37	E	4	488.2833	244.6455
3807.8904	38	I	3	359.2407	180.1243
3878.9275	39	A	2	246.1566	123.5822
	40	R	1	175.1195	88.0637

N-term:+43.02 C(29) :+160.03
K(33) :+156.13 K(36) :+156.13

ASGVAVSDGVIKVFNDMKVR, MH+ 2190.1957, m/z 730.7368
 L OSG38 P180811 230811-s1.07936.07936.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

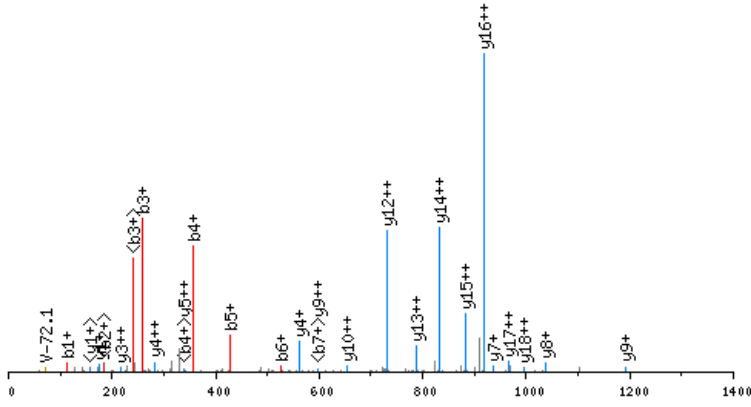
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

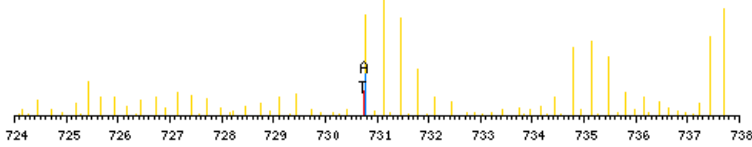
GO

scan 7936; 6.3e+000



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

scan 7934; 730.7 mz; 2.1e+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	2077.1480	1039.0779
258.1090	3	G	18	1990.1160	995.5619
357.1774	4	V	17	1933.0946	967.0512
428.2145	5	A	16	1834.0261	917.5170
527.2829	6	V	15	1762.9890	881.9984
614.3150	7	S	14	1663.9206	832.4642
729.3419	8	D	13	1576.8886	788.9482
786.3634	9	G	12	1461.8616	731.4347
885.4318	10	V	11	1404.8402	702.9240
998.5159	11	I	10	1305.7718	653.3898
1154.6422	12	K	9	1192.6877	596.8478
1253.7106	13	V	8	1036.5614	518.7846
1400.7790	14	F	7	937.4930	469.2504
1514.8219	15	N	6	790.4246	395.7162
1629.8489	16	D	5	676.3816	338.6947
1760.8893	17	M	4	561.3547	281.1813
1917.0156	18	K	3	430.3142	215.6610
2016.0841	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

ASGVQVADEVCR, MH+ 1332.6218, m/z 666.8145
 L OSG41 P180811 230811-s1.04362.04362.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

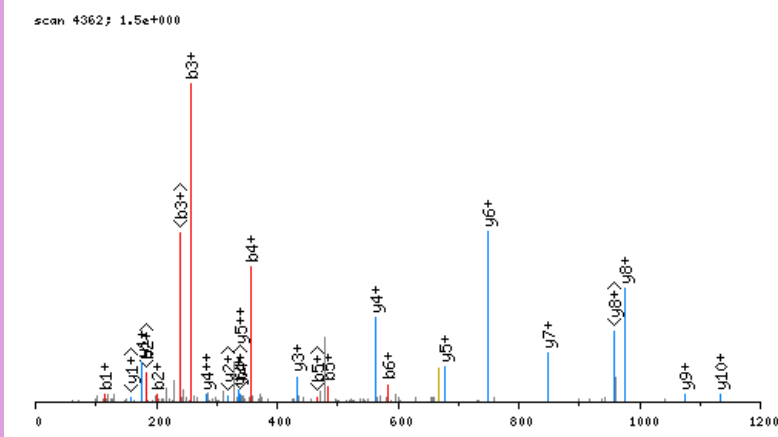
y + 2+ 3+

z + 2+ 3+

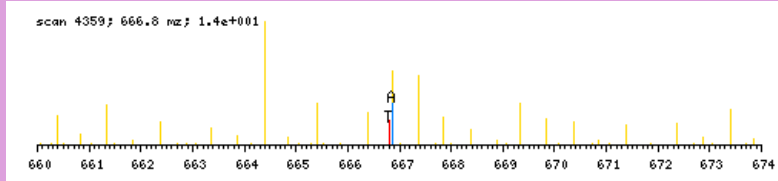
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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+ 2331.3019, m/z 777.7722
 L OSG40 P180811 230811-s1.09380.09380.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

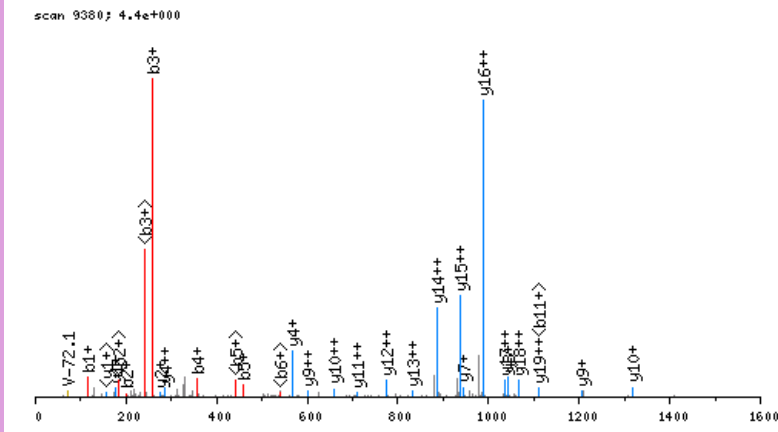
y + 2+ 3+

z + 2+ 3+

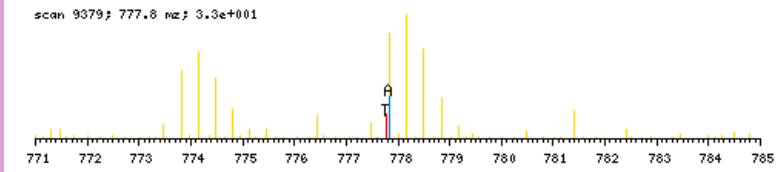
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	2218.2542	1109.6310
258.1090	3	G	18	2131.2222	1066.1150
357.1774	4	V	17	2074.2007	1037.6043
458.2251	5	T	16	1975.1323	988.0701
557.2935	6	V	15	1874.0847	937.5462
671.3364	7	N	14	1775.0162	888.0120
786.3634	8	D	13	1660.9733	830.9906
915.4060	9	E	12	1545.9464	773.4771
1014.4744	10	V	11	1416.9038	708.9558
1127.5585	11	I	10	1317.8354	659.4216
1289.7166	12	K	9	1204.7513	602.8796
1388.7850	13	V	8	1042.5932	521.8005
1535.8534	14	F	7	943.5248	472.2663
1649.8963	15	N	6	796.4564	398.7321
1764.9233	16	D	5	682.4134	341.7106
1895.9637	17	M	4	567.3865	284.1972
2058.1218	18	K	3	436.3460	218.6769
2157.1903	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

ASKEMFEDTVEER, MH+ 1646.7796, m/z 823.8935
 L OSG37 P180811 230811-s1.05435.05435.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

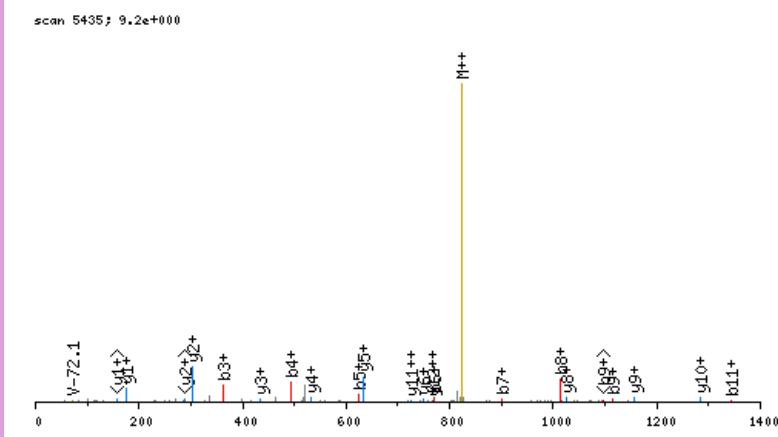
y + 2+ 3+

z + 2+ 3+

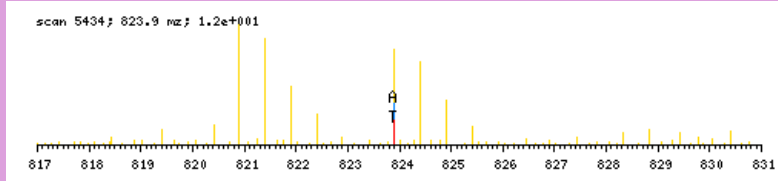
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1533.7319	767.3699
363.2456	3	K 11	1446.6999	723.8539
492.2882	4	E 10	1284.5418	642.7748
623.3287	5	M 9	1155.4992	578.2535
770.3971	6	F 8	1024.4587	512.7333
899.4397	7	E 7	877.3903	439.1991
1014.4667	8	D 6	748.3477	374.6778
1115.5143	9	T 5	633.3208	317.1643
1214.5828	10	V 4	532.2731	266.6405
1343.6254	11	E 3	433.2047	217.1063
1472.6679	12	E 2	304.1621	152.5850
	13	R 1	175.1195	88.0637

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

ASLKDLEGKWR, MH+ 1400.7903, m/z 700.8988
 L OSG40 P180811 230811-s1.06911.06911.2.dta

scan 6911; 4.7e+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+

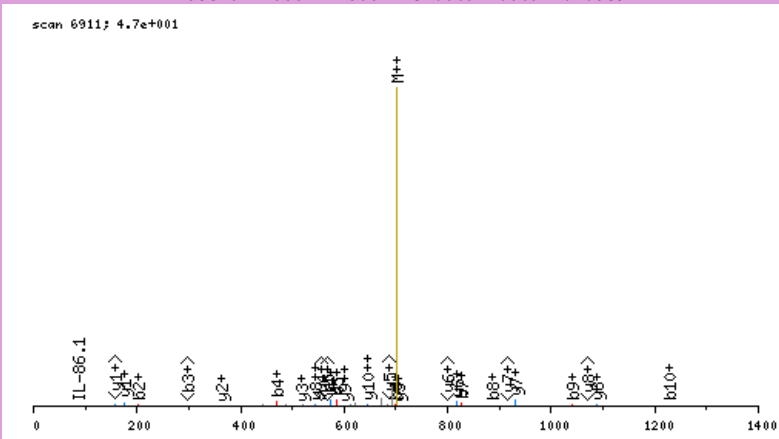
y + 2+ 3+

z + 2+ 3+

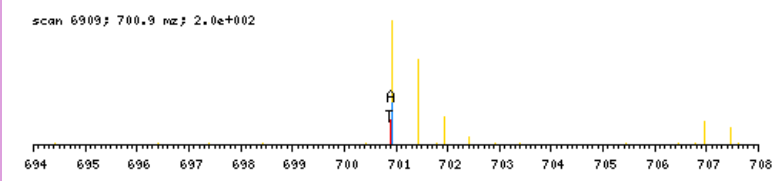
hide H₂O/NH₃

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⁺
114.0555	1	A	11	
201.0875	2	S	10	1287.7426 644.3752
314.1716	3	L	9	1200.7105 600.8592
470.2979	4	K	8	1087.6265 544.3172
585.3248	5	D	7	931.5002 466.2540
698.4089	6	L	6	816.4732 408.7405
827.4515	7	E	5	703.3892 352.1985
884.4730	8	G	4	574.3466 287.6772
1040.5993	9	K	3	517.3251 259.1665
1226.6786	10	W	2	361.1988 181.1033
	11	R	1	175.1195 88.0637

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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

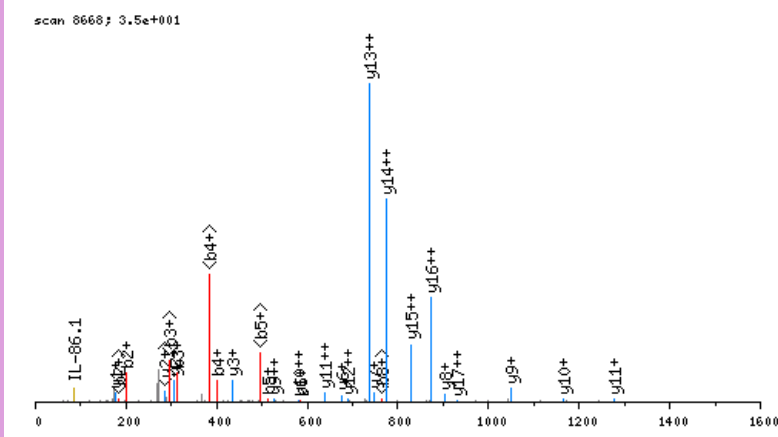
y + 2+ 3+

z + 2+ 3+

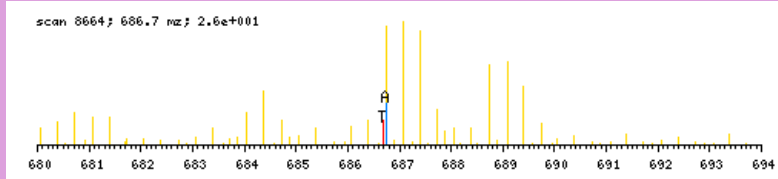
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 19		
201.0875	2	S 18	1945.0395	973.0237
314.1716	3	L 17	1858.0075	929.5077
401.2036	4	S 16	1744.9234	872.9656
514.2877	5	L 15	1657.8914	829.4496
585.3248	6	A 14	1544.8073	772.9076
682.3776	7	P 13	1473.7702	737.3890
781.4460	8	V 12	1376.7174	688.8626
895.4889	9	N 11	1277.6490	639.3284
1008.5730	10	I 10	1163.6061	582.3070
1155.6414	11	F 9	1050.5220	525.7649
1311.7677	12	K 8	903.4536	452.2307
1382.8048	13	A 7	747.3273	374.1676
1439.8263	14	G 6	676.2902	338.6490
1510.8634	15	A 5	619.2687	310.1383
1625.8903	16	D 4	548.2316	274.6197
1754.9329	17	E 3	433.2047	217.1063
1883.9755	18	E 2	304.1621	152.5850
	19	R 1	175.1195	88.0637

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

ASNFKKTMASSAQR, MH+ 1725.8959, m/z 575.9701
 L OSG39 P180811 230811-s1.02493.02493.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

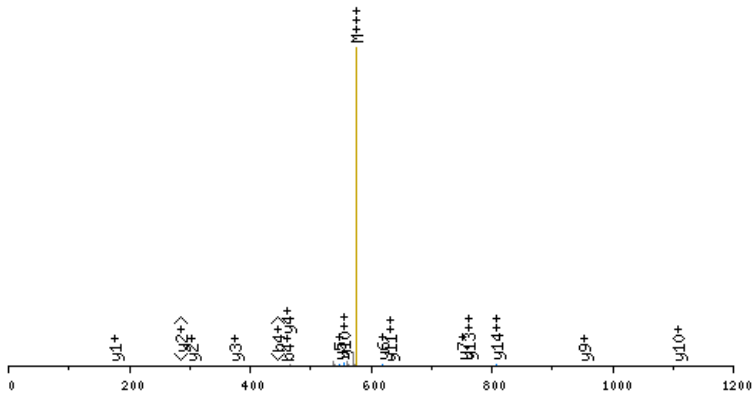
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

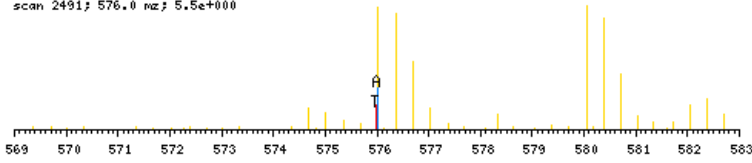
GO

scan 2493; 6.4e+001



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

scan 2491; 576.0 nz; 5.5e+000



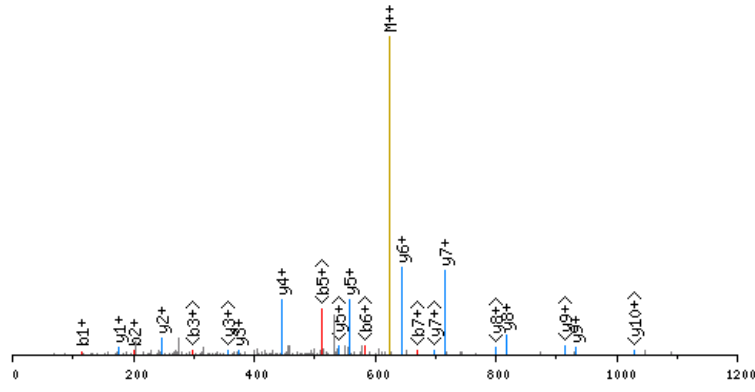
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

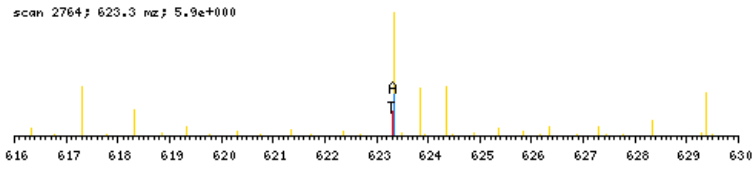
ASNNTASIAQAR, MH+ 1245.6188, m/z 623.3130
 L OSG41 P180811 230811-s1.02766.02766.2.dta

scan 2766; 2.4e+000



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

scan 2764; 623.3 m/z; 5.9e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
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

ASNPDRGEILLTELQGDSR, MH+ 2113.0526, m/z 705.0224
 L OSG37 P180811 230811-s1.07551.07551.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

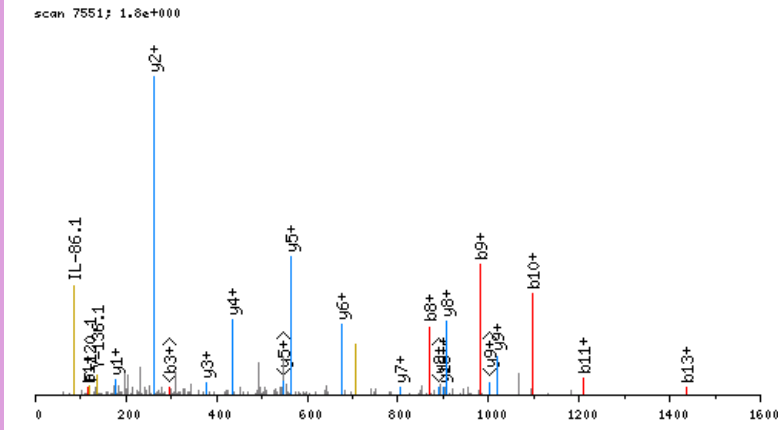
y + 2+ 3+

z + 2+ 3+

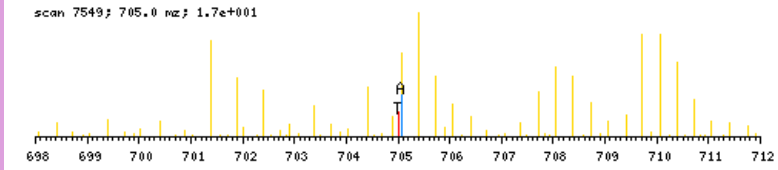
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
201.0875	2	S	18	2000.0049	1000.5063
315.1305	3	N	17	1912.9728	956.9903
412.1832	4	P	16	1798.9299	899.9689
527.2102	5	D	15	1701.8772	851.4425
683.3113	6	R	14	1586.8502	793.9290
740.3328	7	G	13	1430.7491	715.8785
869.3753	8	E	12	1373.7276	687.3677
982.4594	9	I	11	1244.6850	622.8464
1095.5435	10	L	10	1131.6010	566.3044
1208.6275	11	L	9	1018.5169	509.7624
1309.6752	12	T	8	905.4328	453.2203
1438.7178	13	E	7	804.3852	402.6965
1551.8019	14	L	6	675.3426	338.1752
1679.8604	15	Q	5	562.2585	281.6332
1736.8819	16	G	4	434.1999	217.6039
1851.9089	17	D	3	377.1785	189.0931
1938.9409	18	S	2	262.1515	131.5797
	19	R	1	175.1195	88.0637

N-term:+43.02

ASPAAGGVVIVGSLIGR, MH+ 1622.9230, m/z 811.9651
 L OSG41 P180811 230811-s1.07095.07095.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

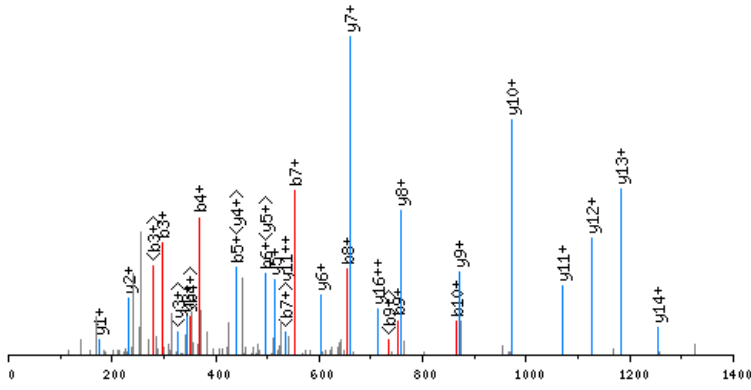
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

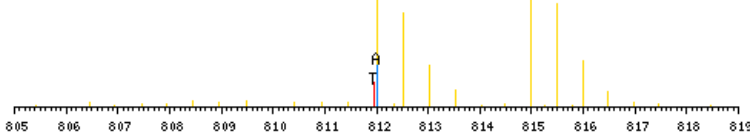
GO

scan 7095; 1.2e+000



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

scan 7094; 812.0 m/z; 4.2e+001



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

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
 L OSG37 P180811 230811-s1.06560.06560.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

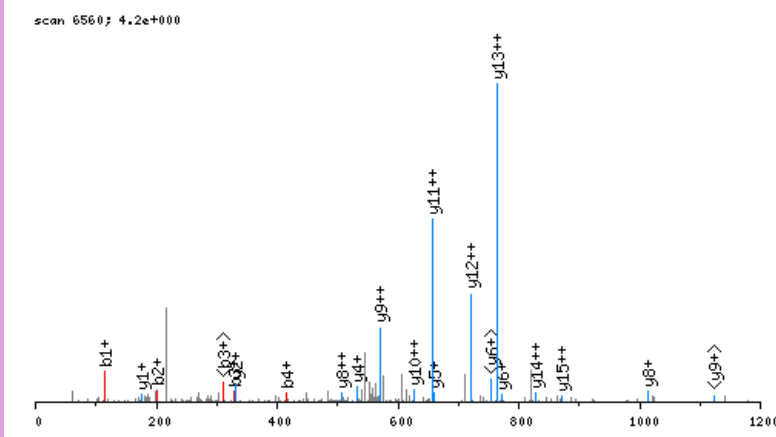
y + 2+ 3+

z + 2+ 3+

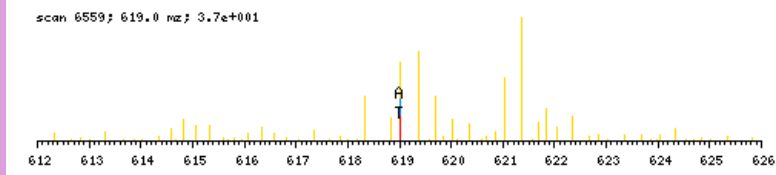
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

ASSAQSSTGGSGGPAVPTVQR, MH+ 1872.9052, m/z 624.9732
 L OSG41 P180811 230811-s1.03335.03335.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

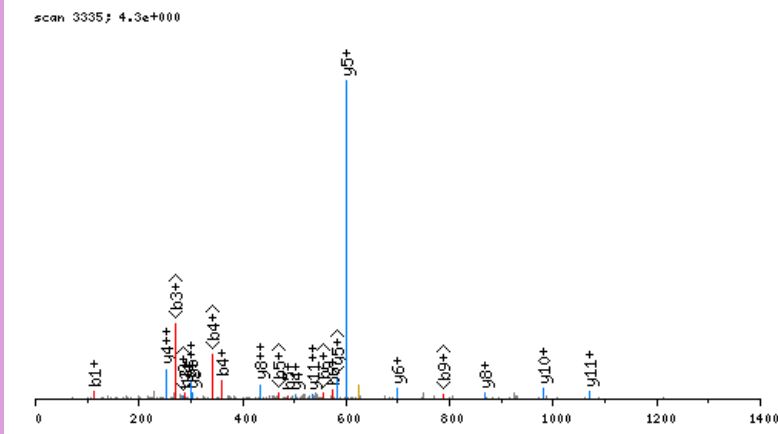
y + 2+ 3+

z + 2+ 3+

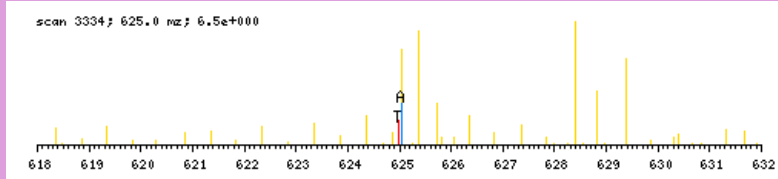
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
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
 L OSG40 P180811 230811-s1.04537.04537.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

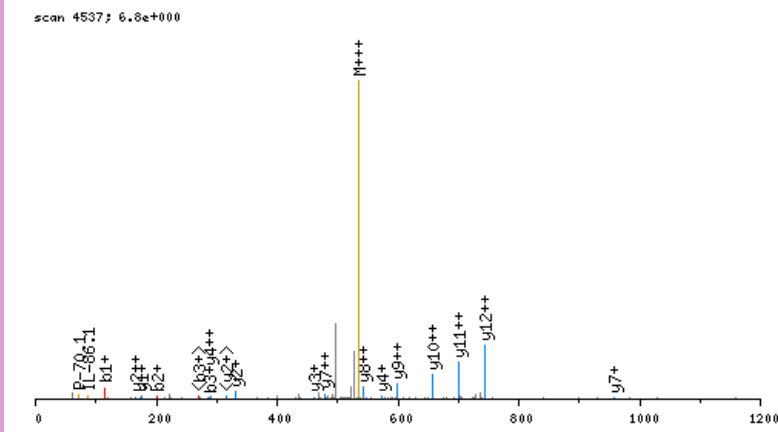
y + 2+ 3+

z + 2+ 3+

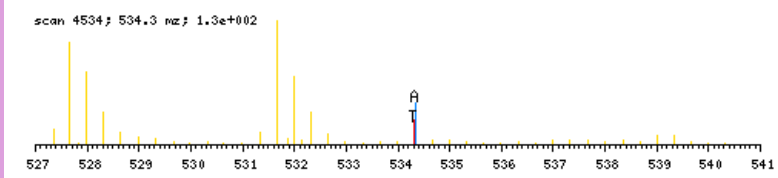
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

ASSHTVLMR, MH+ 1043.5308, m/z 522.2690
 L OSG37 P180811 230811-s1.03105.03105.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

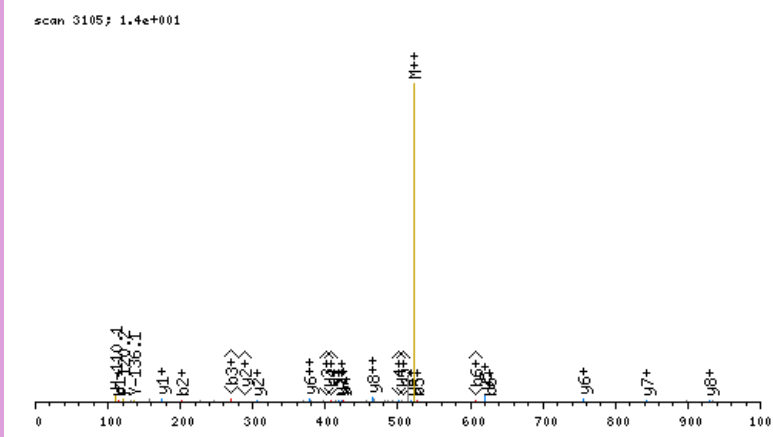
y + 2+ 3+

z + 2+ 3+

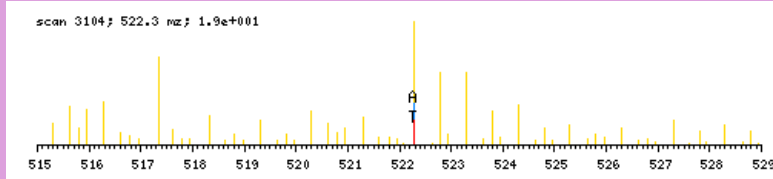
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 465.7455
288.1196	3	S	7	843.4511 422.2295
425.1785	4	H	6	756.4191 378.7134
526.2262	5	T	5	619.3601 310.1840
625.2946	6	V	4	518.3125 259.6601
738.3786	7	L	3	419.2440 210.1259
869.4191	8	M	2	306.1600 153.5839
	9	R	1	175.1195 88.0637

N-term:+43.02

ASSKKVTLVLSLR, MH+ 1473.9005, m/z 491.9717
 L OSG39 P180811 230811-s1.03767.03767.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

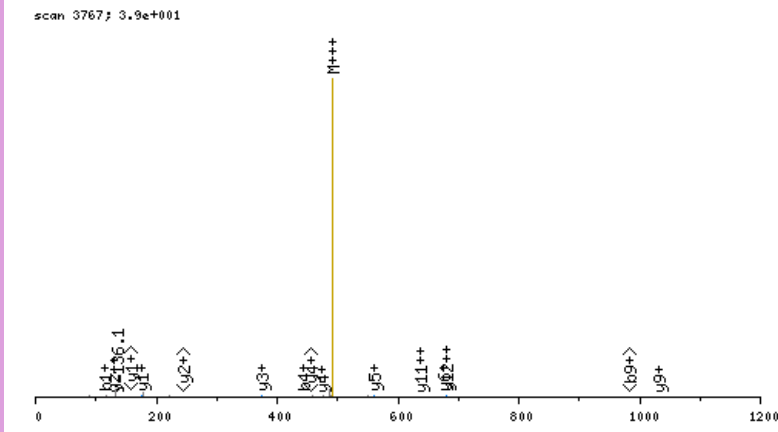
y + 2+ 3+

z + 2+ 3+

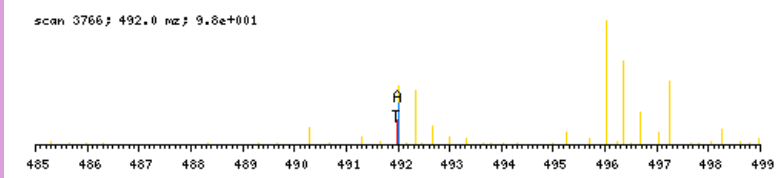
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1360.8528	680.9303
288.1196	3	S	11	1273.8208	637.4143
444.2459	4	K	10	1186.7888	593.8983
600.3722	5	K	9	1030.6625	515.8352
699.4406	6	V	8	874.5362	437.7720
800.4883	7	T	7	775.4678	388.2378
913.5723	8	L	6	674.4201	337.7140
1000.6044	9	S	5	561.3360	281.1719
1099.6728	10	V	4	474.3040	237.6559
1212.7568	11	L	3	375.2356	188.1217
1299.7889	12	S	2	262.1515	131.5797
	13	R	1	175.1195	88.0637

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

ASSPQGLDNPALLR, MH+ 1480.7760, m/z 494.2635
 L OSG41 P180811 230811-s1.05483.05483.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

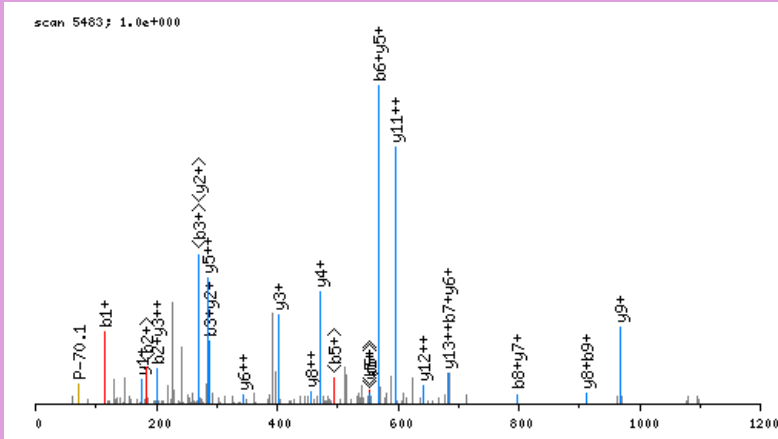
y + 2+ 3+

z + 2+ 3+

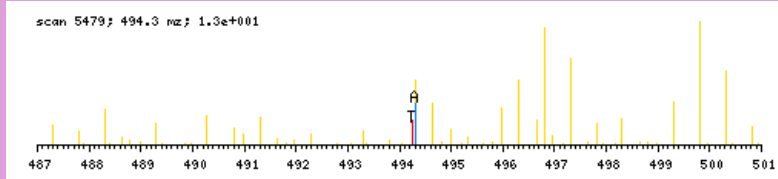
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
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
 L OSG41 P180811 230811-s1.04328.04328.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

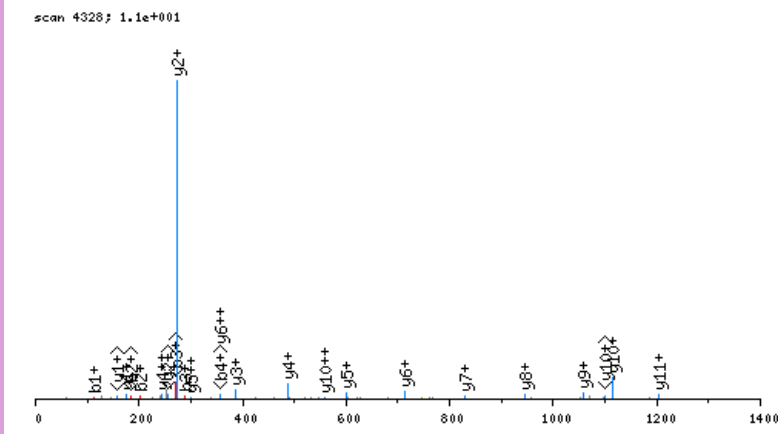
y + 2+ 3+

z + 2+ 3+

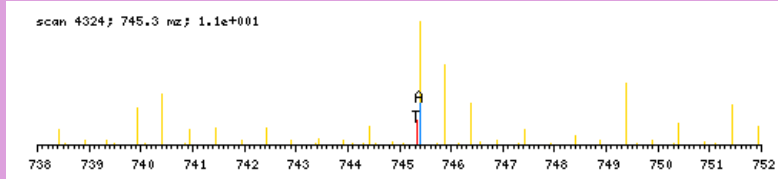
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

ASYYEILDVPR, MH+ 1367.6847, m/z 684.3460
 L OSG41 P180811 230811-s1.07215.07215.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

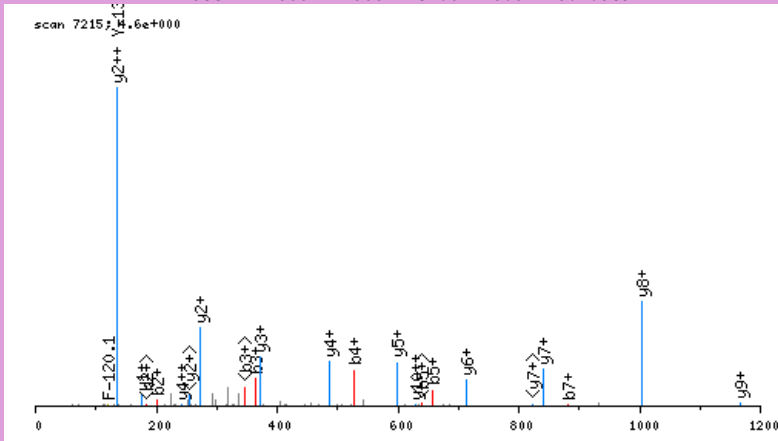
y + 2+ 3+

z + 2+ 3+

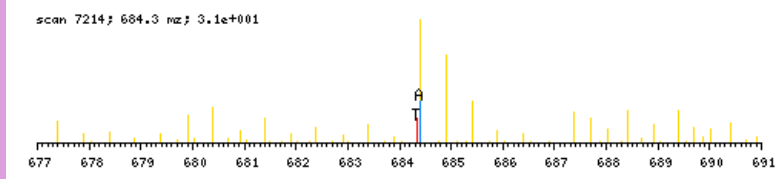
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

ATATPVQQQR, MH+ 1141.5966, m/z 571.3019
 L OSG41 P180811 230811-s1.02315.02315.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

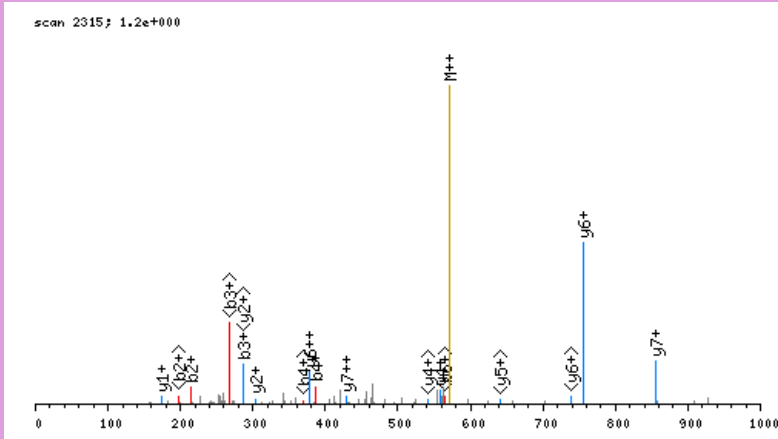
y + 2+ 3+

z + 2+ 3+

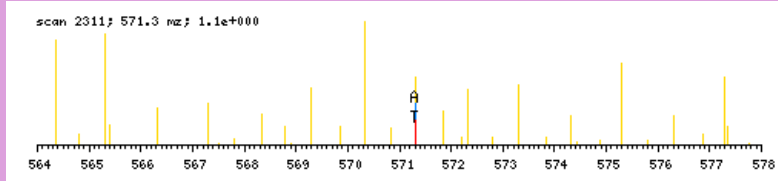
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1028.5489	514.7784
286.1403	3	A	8	927.5012	464.2545
387.1880	4	T	7	856.4641	428.7360
484.2407	5	P	6	755.4164	378.2121
583.3092	6	V	5	658.3636	329.6857
711.3677	7	Q	4	559.2952	280.1515
839.4263	8	Q	3	431.2367	216.1222
967.4849	9	Q	2	303.1781	152.0930
	10	R	1	175.1195	88.0637

N-term:+43.02

ATDDKSSPTLDSANDLPR, MH+ 1972.9464, m/z 658.3203
 L OSG36 P180811 230811-s1.03410.03410.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

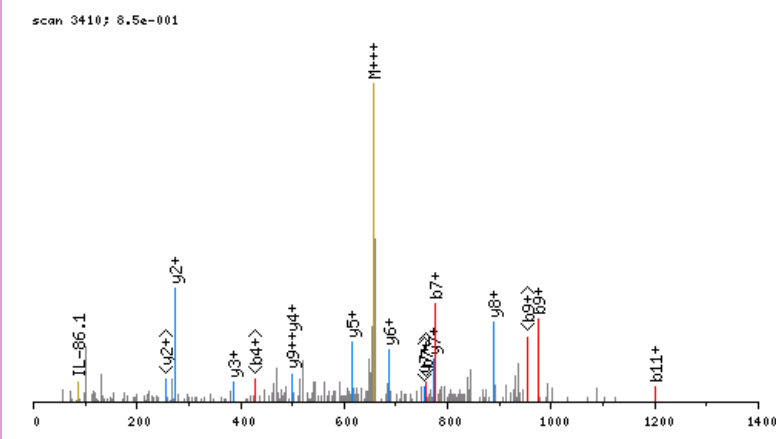
y + 2+ 3+

z + 2+ 3+

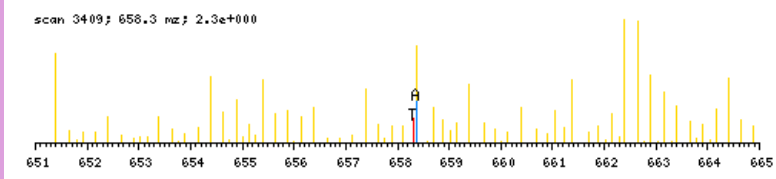
hide H₂O/NH₃

zoom 112-122

GO



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



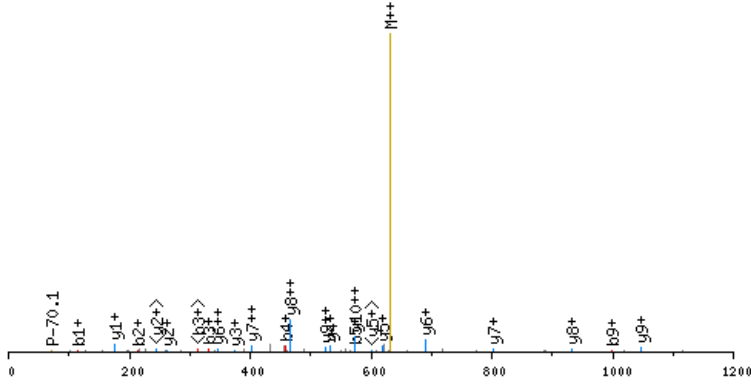
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 18		
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

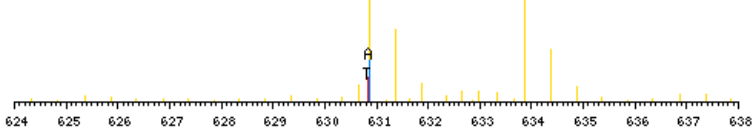
ATDELASKLSR, MH+ 1260.6800, m/z 630.8436
 L OSG37 P180811 230811-s1.04955.04955.2.dta

scan 4955; 5.0e+001



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

scan 4954; 630.8 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

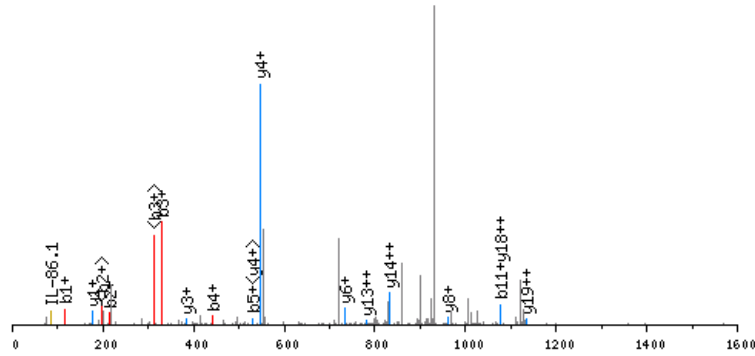
GO

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A	11	
215.1032	2	T	10	1147.6323 574.3201
330.1301	3	D	9	1046.5846 523.7962
459.1727	4	E	8	931.5577 466.2828
572.2568	5	L	7	802.5151 401.7615
643.2939	6	A	6	689.4310 345.2194
730.3259	7	S	5	618.3939 309.7009
886.4522	8	K	4	531.3619 266.1849
999.5363	9	L	3	375.2356 188.1217
1086.5683	10	S	2	262.1515 131.5797
	11	R	1	175.1195 88.0637

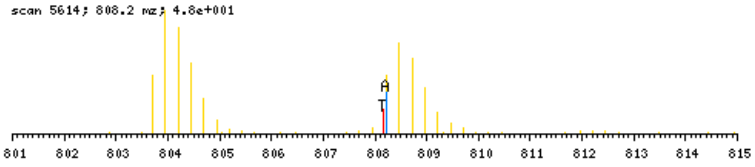
N-term:+43.02 K(8):+156.13

ATDISESSGADCKGDTKNSAKLDADYPLR, MH+ 3229.6383, m/z 808.1650
 L OSG40 P180811 230811-s1.05616.05616.4.dta

scan 5616; 5.7e+000



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	29		
215.1032	2	T	28	3116.5907	1558.7992
330.1301	3	D	27	3015.5430	1508.2754
443.2142	4	I	26	2900.5160	1450.7619
530.2462	5	S	25	2787.4320	1394.2199
659.2888	6	E	24	2700.3999	1350.7039
746.3208	7	S	23	2571.3574	1286.1826
833.3529	8	S	22	2484.3253	1242.6666
890.3743	9	G	21	2397.2933	1199.1506
961.4115	10	A	20	2340.2718	1170.6398
1076.4384	11	D	19	2269.2347	1135.1213
1236.4690	12	C	18	2154.2078	1077.6078
1398.6271	13	K	17	1994.1772	997.5925
1455.6486	14	G	16	1832.0191	916.5135
1570.6755	15	D	15	1774.9976	888.0027
1671.7232	16	T	14	1659.9707	830.4892
1833.8813	17	K	13	1558.9230	779.9654
1947.9242	18	N	12	1396.7649	698.8864
2034.9562	19	S	11	1282.7220	641.8649
2105.9934	20	A	10	1195.6899	598.3489
2268.1515	21	K	9	1124.6528	562.8303
2381.2355	22	L	8	962.4947	481.7513
2496.2625	23	D	7	849.4107	425.2092
2567.2996	24	A	6	734.3837	367.6958
2682.3265	25	D	5	663.3466	332.1772
2845.3898	26	Y	4	548.3197	274.6637
2942.4426	27	P	3	385.2563	193.1321
3055.5267	28	L	2	288.2036	144.6057
	29	R	1	175.1195	88.0637

N-term:+43.02 C(12):+160.03
 K(13):+162.16 K(17):+162.16
 K(21):+162.16

X-range:

0 - 0

MassTol: Y-zoom:

0. 1.

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

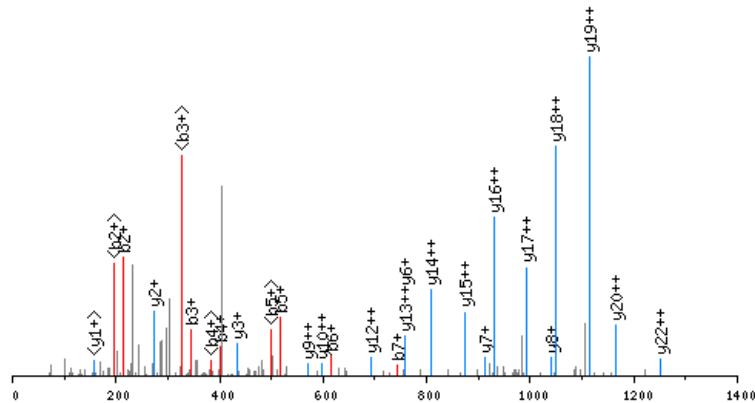
hide H₂O/NH₃

zoom 112-122

GO

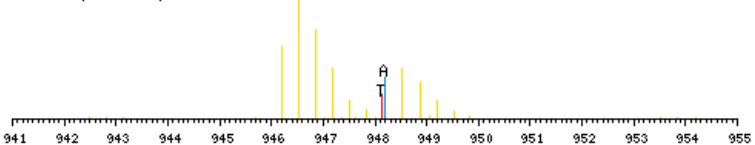
ATEGDVELELETETSGPERPPEKPR, MH+ 2842.4171, m/z 948.1439
 L OSG39 P180811 230811-s1.05618.05618.3.dta

scan 5618; 1.2e+000



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

scan 5616; 948.1 m/z; 7.5e+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	25		
215.1032	2	T	24	2729.3694	1365.1886
344.1458	3	E	23	2628.3217	1314.6648
401.1672	4	G	22	2499.2791	1250.1435
516.1942	5	D	21	2442.2577	1221.6327
615.2626	6	V	20	2327.2307	1164.1193
744.3052	7	E	19	2228.1623	1114.5851
857.3893	8	L	18	2099.1197	1050.0638
986.4319	9	E	17	1986.0356	993.5217
1099.5159	10	L	16	1856.9931	929.0004
1228.5585	11	E	15	1743.9090	872.4584
1329.6062	12	T	14	1614.8664	807.9371
1458.6488	13	E	13	1513.8187	757.4133
1559.6965	14	T	12	1384.7761	692.8920
1646.7285	15	S	11	1283.7284	642.3681
1703.7500	16	G	10	1196.6964	598.8521
1800.8027	17	P	9	1139.6750	570.3414
1929.8453	18	E	8	1042.6222	521.8150
2085.9464	19	R	7	913.5796	457.2937
2182.9992	20	P	6	757.4785	379.2432
2280.0520	21	P	5	660.4257	330.7168
2409.0945	22	E	4	563.3730	282.1904
2571.2526	23	K	3	434.3304	217.6691
2668.3054	24	P	2	272.1723	136.5900
	25	R	1	175.1195	88.0637

N-term:+43.02 K(23):+162.16

ATEGMILTNDHDIQIR, MH+ 1777.8656, m/z 593.2934
 L OSG40 P180811 230811-s1.05295.05295.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

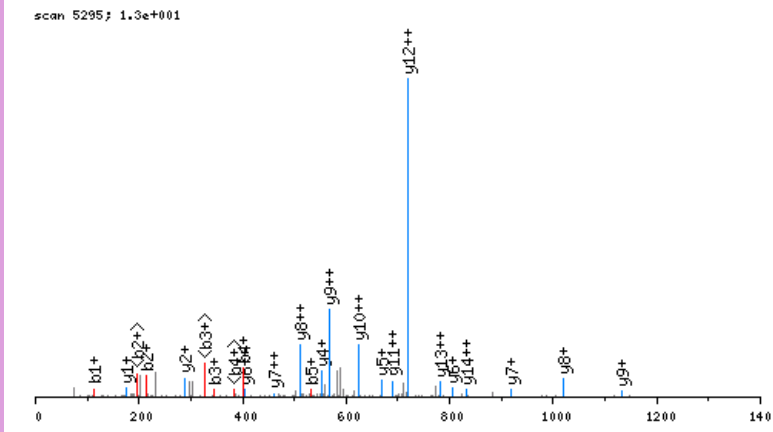
y + 2+ 3+

z + 2+ 3+

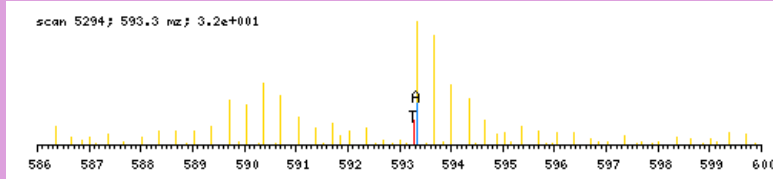
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

ATESGSDSQLR, MH+ 1192.5446, m/z 596.7759
 L OSG41 P180811 230811-s1.02320.02320.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

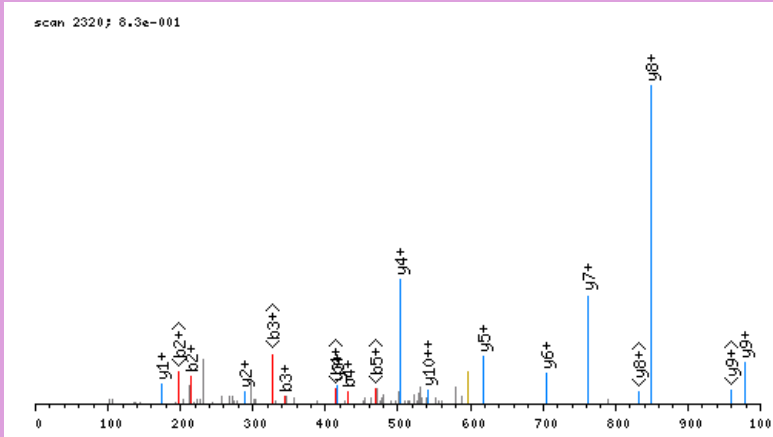
y + 2+ 3+

z + 2+ 3+

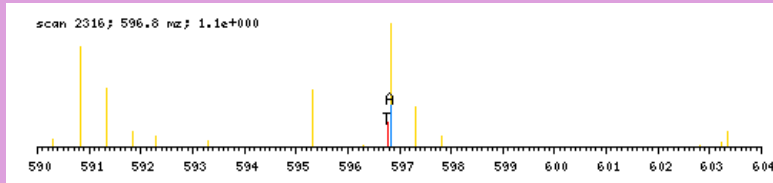
hide H₂O/NH₃

zoom 112-122

GO



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



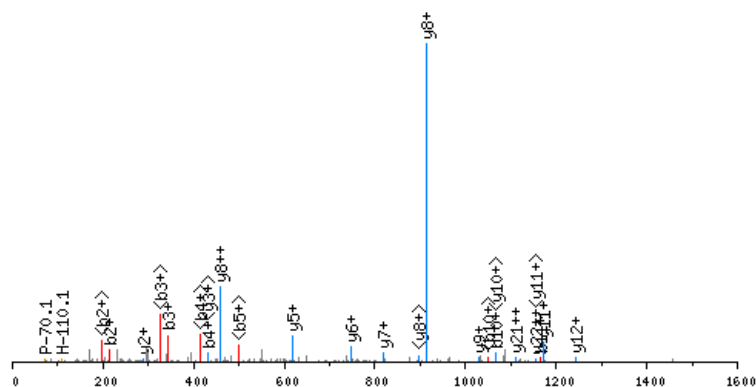
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 11		
215.1032	2	T 10	1079.4969	540.2524
344.1458	3	E 9	978.4492	489.7285
431.1778	4	S 8	849.4066	425.2072
488.1993	5	G 7	762.3746	381.6912
575.2313	6	S 6	705.3531	353.1805
690.2582	7	D 5	618.3211	309.6645
777.2903	8	S 4	503.2942	252.1510
905.3489	9	Q 3	416.2621	208.6350
1018.4329	10	L 2	288.2036	144.6057
	11	R 1	175.1195	88.0637

N-term:+43.02

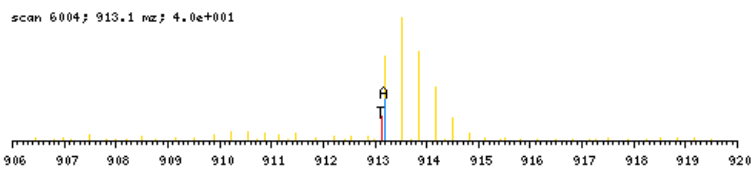
ATESSPLTHVLDTASGLPAQGLCLR, MH+ 2737.3830, m/z 913.1325
L OSG36 P180811 230811-s1.06008.06008.3.dta

scan 6008; 3.6e+000



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

scan 6004; 913.1 m/z; 4.0e+001



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

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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

ATGANATPLDFPSKKR, MH+ 1784.0343, m/z 595.3496
 L OSG40 P180811 230811-s1.04920.04920.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

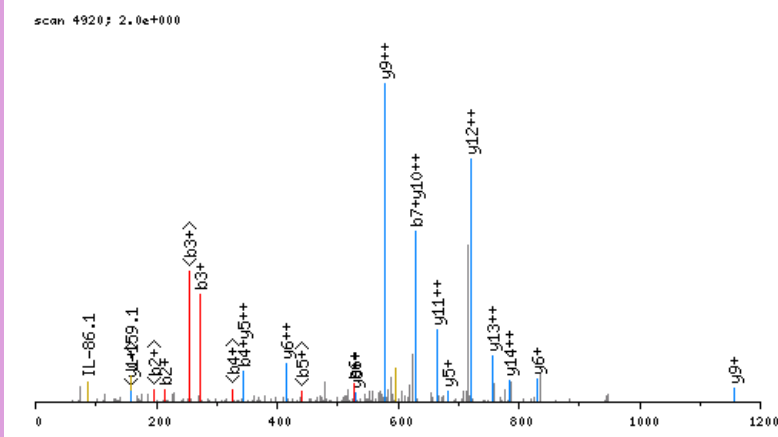
y + 2+ 3+

z + 2+ 3+

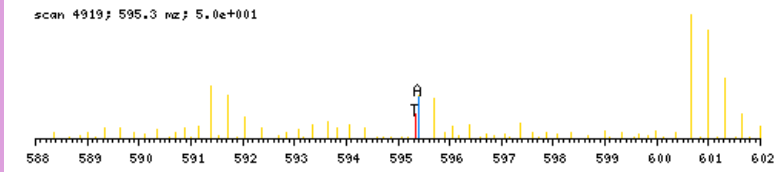
hide H₂O/NH₃

zoom 112-122

GO



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



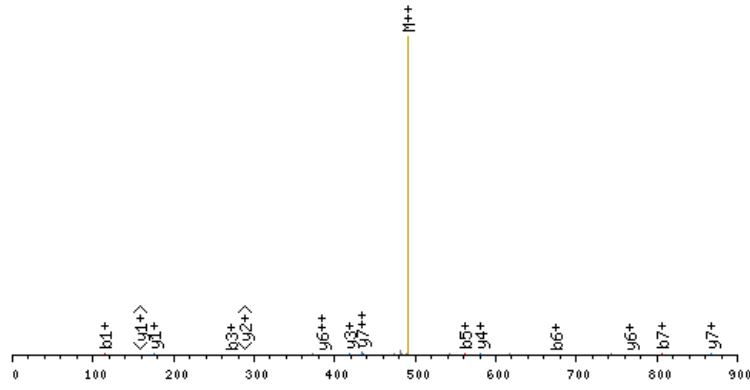
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

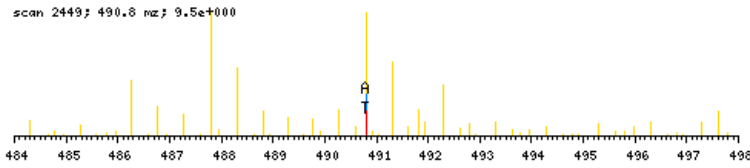
ATGQKLMR, MH+ 980.5776, m/z 490.7924
 L OSG37 P180811 230811-s1.02450.02450.2.dta

scan 2450; 2.2e+001



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

scan 2449; 490.8 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	8	
215.1032	2	T	7	867.5299
272.1247	3	G	6	766.4822
400.1832	4	Q	5	709.4607
562.3413	5	K	4	581.4021
675.4254	6	L	3	419.2440
806.4659	7	M	2	306.1600
	8	R	1	175.1195

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

ATIATMPVPETR, MH+ 1328.6884, m/z 664.8478
 L OSG41 P180811 230811-s1.05420.05420.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

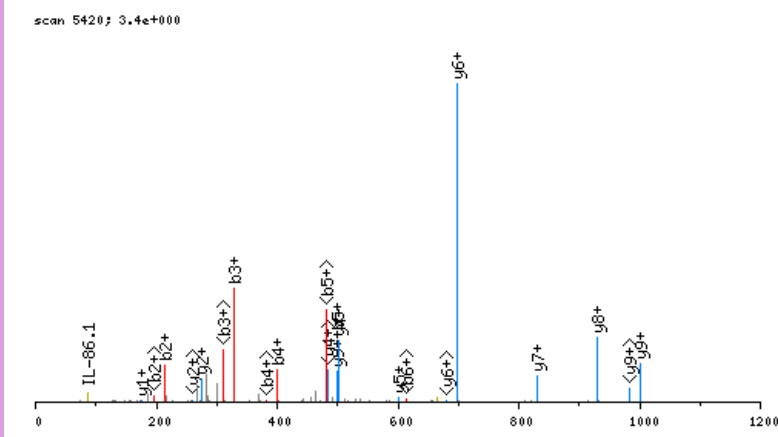
y + 2+ 3+

z + 2+ 3+

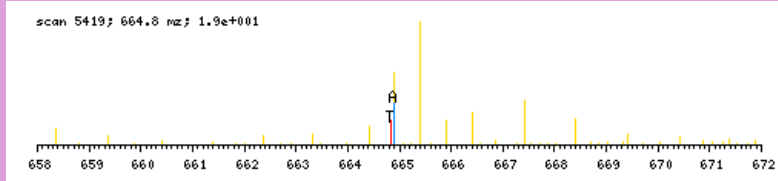
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
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
 L OSG37 P180811 230811-s1.04203.04203.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

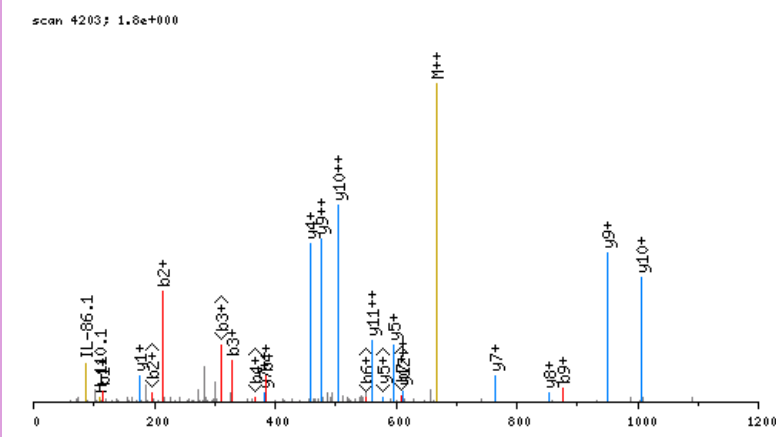
y + 2+ 3+

z + 2+ 3+

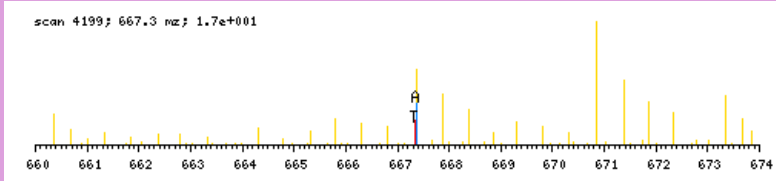
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

ATKCTKCGPGYSTPLEAMKGP, MH+ 2536.2726, m/z 634.8236
 L OSG40 P180811 230811-sl.04850.04850.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

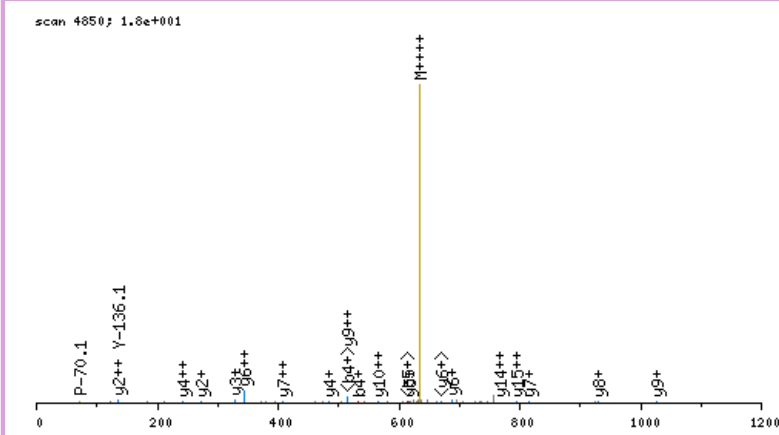
y + 2+ 3+

z + 2+ 3+

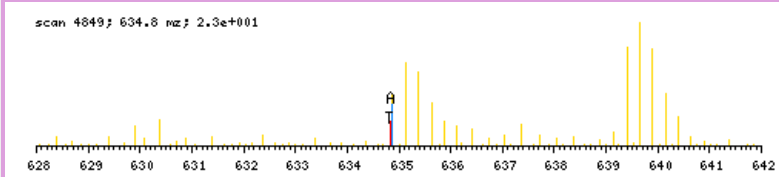
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	2423.2249	1212.1164
371.2295	3	K 20	2322.1773	1161.5925
531.2601	4	C 19	2166.0510	1083.5294
632.3078	5	T 18	2006.0204	1003.5141
788.4341	6	K 17	1904.9727	952.9902
948.4647	7	C 16	1748.8464	874.9271
1005.4861	8	G 15	1588.8158	794.9118
1102.5389	9	P 14	1531.7943	766.4011
1159.5604	10	G 13	1434.7415	717.8747
1322.6237	11	Y 12	1377.7201	689.3640
1409.6557	12	S 11	1214.6568	607.8323
1510.7034	13	T 10	1127.6247	564.3163
1607.7562	14	P 9	1026.5770	513.7924
1720.8402	15	L 8	929.5243	465.2661
1849.8828	16	E 7	816.4402	408.7240
1920.9199	17	A 6	687.3976	344.2027
2051.9604	18	M 5	616.3605	308.6842
2208.0867	19	K 4	485.3200	243.1639
2265.1082	20	G 3	329.1937	165.1008
2362.1609	21	P 2	272.1723	136.5900
	22	R 1	175.1195	88.0637

N-term:+43.02 K(3):+156.13
 C(4):+160.03 K(6):+156.13 C(7):+160.03
 K(19):+156.13

ATLCLFDMGTLTAPR, MH+ 1823.8671, m/z 608.6272
 L OSG41 P180811 230811-s1.07515.07515.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

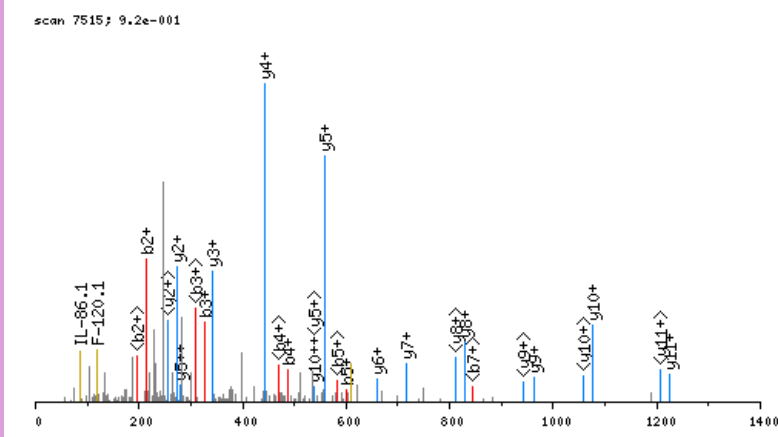
y + 2+ 3+

z + 2+ 3+

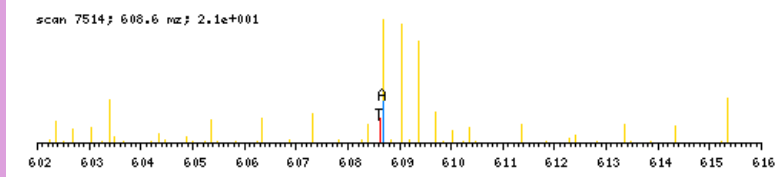
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1710.8195	855.9136
328.1873	3	L 14	1609.7718	805.3898
488.2179	4	C 13	1496.6877	748.8478
601.3019	5	L 12	1336.6571	668.8325
748.3703	6	F 11	1223.5730	612.2904
863.3973	7	D 10	1076.5046	538.7562
994.4378	8	M 9	961.4777	481.2428
1109.4647	9	D 8	830.4372	415.7225
1166.4862	10	G 7	715.4103	358.2090
1267.5338	11	T 6	658.3888	329.6983
1380.6179	12	L 5	557.3411	279.1745
1481.6656	13	T 4	444.2571	222.6324
1552.7027	14	A 3	343.2094	172.1086
1649.7555	15	P 2	272.1723	136.5900
	16	R 1	175.1195	88.0637

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

ATNDAVLKR, MH+ 1063.6324, m/z 532.3199
 L OSG38 P180811 230811-s1.02585.02585.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

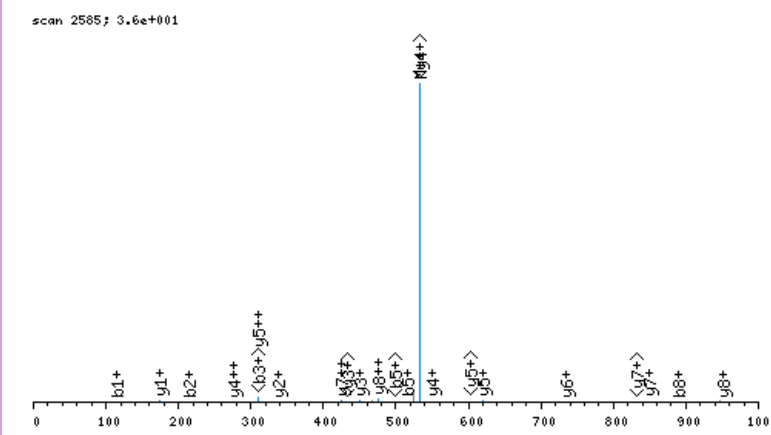
y + 2+ 3+

z + 2+ 3+

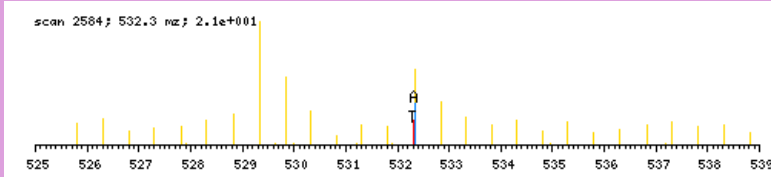
hide H₂O/NH₃

zoom 112-122

GO



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



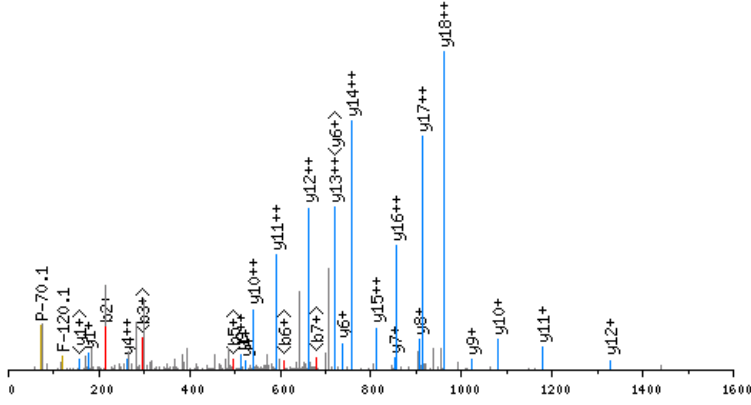
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A	9	
215.1032	2	T	8	950.5847 475.7963
329.1461	3	N	7	849.5371 425.2724
444.1731	4	D	6	735.4941 368.2510
515.2102	5	A	5	620.4672 310.7375
614.2786	6	V	4	549.4301 275.2190
727.3627	7	L	3	450.3617 225.6847
889.5208	8	K	2	337.2776 169.1427
	9	R	1	175.1195 88.0637

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

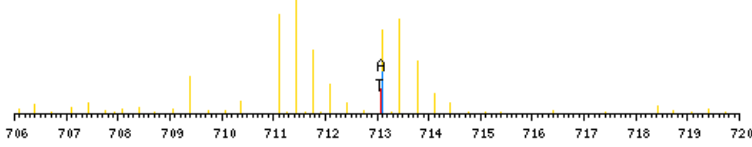
ATPDSLALFTGLGLSENKAR, MH+ 2137.1718, m/z 713.0621
L OSG37 P180811 230811-s1.08766.08766.3.dta

scan 8766; 2.7e+000



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

scan 8764; 713.1 m/z; 5.3e+001



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

X-range:

0 - 0

MassTol: Y-zoom:

0. 1.

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 20		
215.1032	2	T 19	2024.1241	1012.5659
312.1560	3	P 18	1923.0764	962.0421
427.1829	4	D 17	1826.0236	913.5157
514.2149	5	S 16	1710.9967	856.0023
627.2990	6	L 15	1623.9647	812.4862
698.3361	7	A 14	1510.8806	755.9442
811.4202	8	L 13	1439.8435	720.4257
958.4886	9	F 12	1326.7594	663.8836
1059.5363	10	T 11	1179.6910	590.3494
1116.5577	11	G 10	1078.6433	539.8256
1229.6418	12	L 9	1021.6219	511.3148
1286.6633	13	G 8	908.5378	454.7728
1399.7473	14	L 7	851.5163	426.2621
1486.7793	15	S 6	738.4323	369.7200
1615.8219	16	E 5	651.4002	326.2040
1729.8649	17	N 4	522.3576	261.6827
1892.0230	18	K 3	408.3147	204.6613
1963.0601	19	A 2	246.1566	123.5822
	20	R 1	175.1195	88.0637

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

ATPEASGSGEKVEGSEPSVTYYR, MH+ 2471.1579, m/z 824.3908
 L OSG36 P180811 230811-s1.03377.03377.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

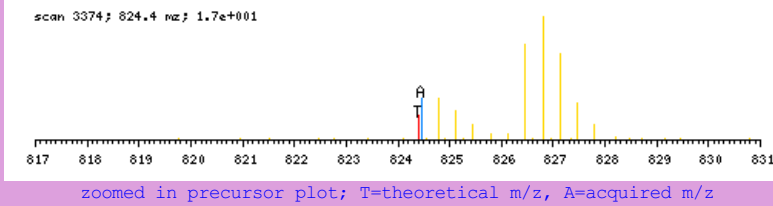
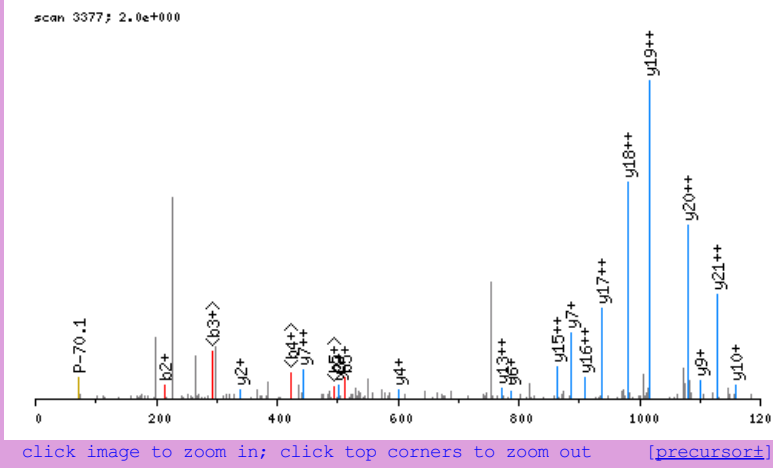
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO



b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	23		
215.1032	2	T	22	2358.1102	1179.5590
312.1560	3	P	21	2257.0625	1129.0352
441.1985	4	E	20	2160.0097	1080.5088
512.2357	5	A	19	2030.9671	1015.9875
599.2677	6	S	18	1959.9300	980.4689
656.2892	7	G	17	1872.8980	936.9529
743.3212	8	S	16	1815.8765	908.4422
800.3426	9	G	15	1728.8445	864.9262
929.3852	10	E	14	1671.8230	836.4154
1085.5115	11	K	13	1542.7804	771.8941
1184.5800	12	V	12	1386.6541	693.8310
1313.6225	13	E	11	1287.5857	644.2968
1370.6440	14	G	10	1158.5431	579.7755
1457.6760	15	S	9	1101.5217	551.2647
1586.7186	16	E	8	1014.4896	507.7487
1683.7714	17	P	7	885.4470	443.2274
1770.8034	18	S	6	788.3943	394.7011
1869.8718	19	V	5	701.3623	351.1850
1970.9195	20	T	4	602.2938	301.6508
2133.9828	21	Y	3	501.2462	251.1270
2297.0462	22	Y	2	338.1828	169.5953
	23	R	1	175.1195	88.0637

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

ATQVEPLLPGAPLLQAEHGLAR, MH+ 2523.3571, m/z 841.7906
L OSG36 P180811 230811-s1.06146.06146.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

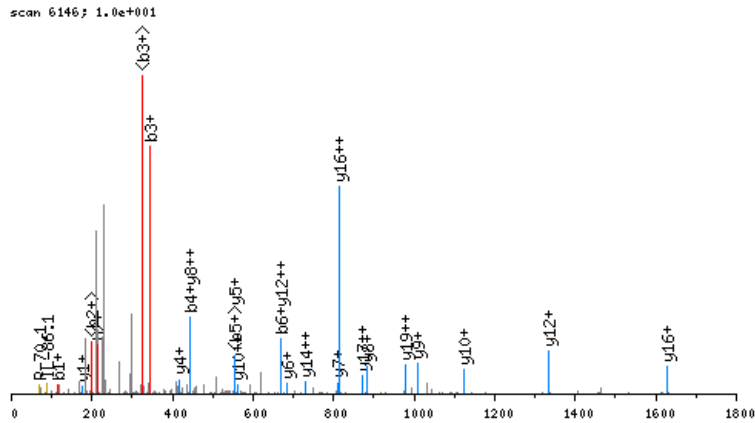
y + 2+ 3+

z + 2+ 3+

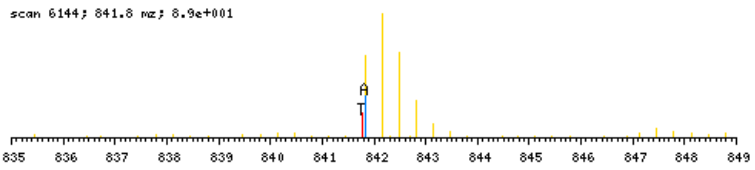
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
215.1032	2	T 23	2410.3094	1205.6586
343.1618	3	Q 22	2309.2618	1155.1348
442.2302	4	V 21	2181.2032	1091.1055
571.2728	5	E 20	2082.1348	1041.5713
668.3255	6	P 19	1953.0922	977.0500
781.4096	7	L 18	1856.0394	928.5236
894.4937	8	L 17	1742.9553	871.9816
991.5464	9	P 16	1629.8713	815.4396
1062.5835	10	A 15	1532.8185	766.9132
1119.6050	11	G 14	1461.7814	731.3946
1190.6421	12	A 13	1404.7599	702.8839
1287.6949	13	P 12	1333.7228	667.3653
1400.7790	14	L 11	1236.6701	618.8389
1513.8630	15	L 10	1123.5860	562.2969
1641.9216	16	Q 9	1010.5019	505.7549
1712.9587	17	A 8	882.4434	441.7256
1842.0013	18	E 7	811.4062	406.2070
1971.0439	19	E 6	682.3636	341.6857
2108.1028	20	H 5	553.3211	277.1644
2165.1243	21	G 4	416.2621	208.6350
2278.2083	22	L 3	359.2407	180.1243
2349.2454	23	A 2	246.1566	123.5822
	24	R 1	175.1195	88.0637

N-term:+43.02

ATSLGSNTYNR, MH+ 1225.5813, m/z 613.2943
 L OSG41 P180811 230811-s1.03181.03181.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

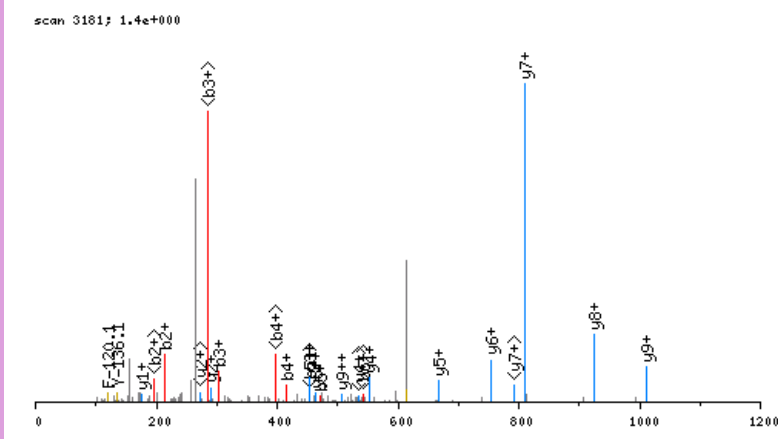
y + 2+ 3+

z + 2+ 3+

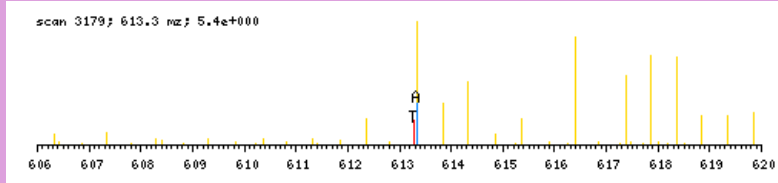
hide H₂O/NH₃

zoom 112-122

GO



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



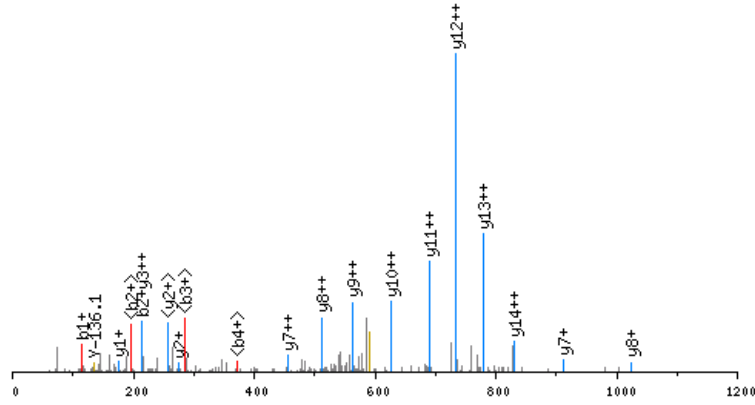
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 11		
215.1032	2	T 10	1112.5336	556.7707
302.1352	3	S 9	1011.4859	506.2469
415.2193	4	L 8	924.4539	462.7309
472.2407	5	G 7	811.3699	406.1888
559.2728	6	S 6	754.3484	377.6781
673.3157	7	N 5	667.3164	334.1621
774.3634	8	T 4	553.2734	277.1406
937.4267	9	Y 3	452.2258	226.6168
1051.4696	10	N 2	289.1624	145.0851
	11	R 1	175.1195	88.0637

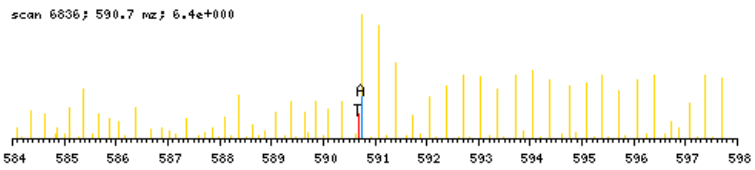
N-term:+43.02

ATSSSEVLLIVKKVR, MH+ 1770.0741, m/z 590.6962
 L OSG39 P180811 230811-s1.06838.06838.3.dta

scan 6836; 1.5e+000



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



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
114.0555	1	A	15		
215.1032	2	T	14	1657.0265	829.0171
302.1352	3	S	13	1555.9788	778.4933
389.1672	4	S	12	1468.9467	734.9773
518.2098	5	E	11	1381.9147	691.4613
647.2524	6	E	10	1252.8721	626.9400
746.3208	7	V	9	1123.8295	562.4187
859.4049	8	L	8	1024.7611	512.8845
972.4890	9	L	7	911.6771	456.3424
1085.5730	10	I	6	798.5930	399.8004
1184.6415	11	V	5	685.5089	343.2584
1340.7678	12	K	4	586.4405	293.7242
1496.8941	13	K	3	430.3142	215.6610
1595.9625	14	V	2	274.1879	137.5979
	15	R	1	175.1195	88.0637

N-term:+43.02 K(12):+156.13
 K(13):+156.13

ATTAQQSPQPVAGKR, MH+ 1609.8662, m/z 537.2936
 L OSG37 P180811 230811-s1.02181.02181.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

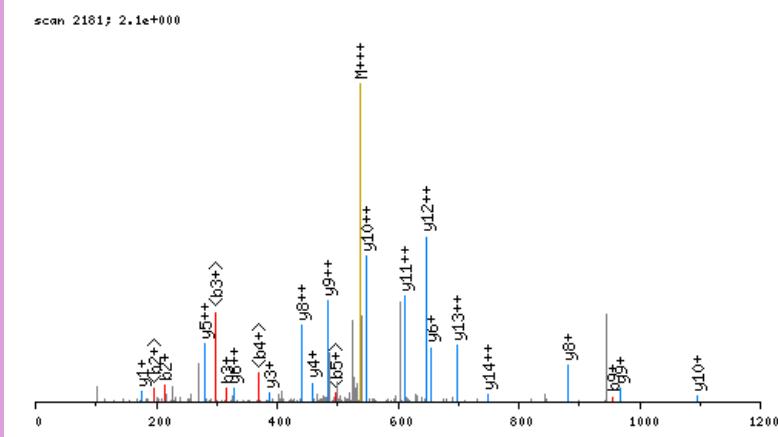
y + 2+ 3+

z + 2+ 3+

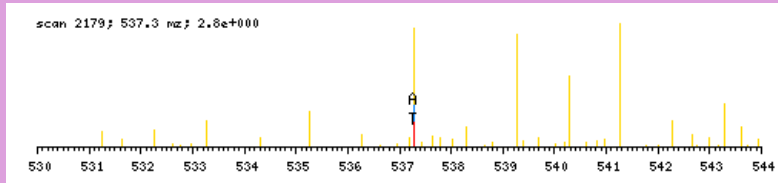
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

ATTEFLQTSSTFGGSSTR, MH+ 1790.8561, m/z 597.6235
 L OSG41 P180811 230811-s1.06583.06583.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

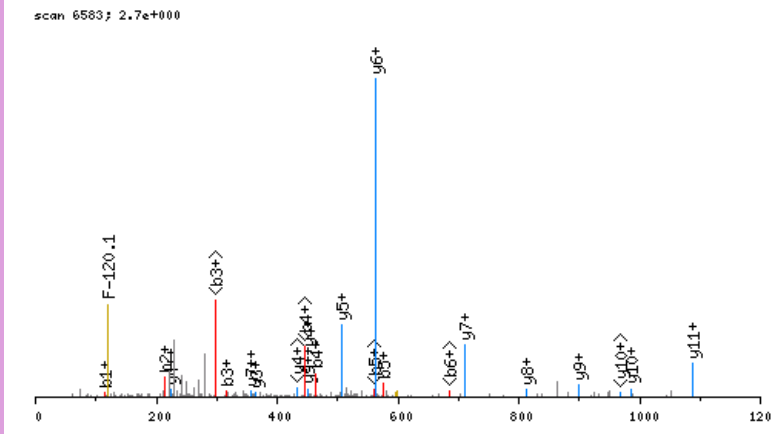
y + 2+ 3+

z + 2+ 3+

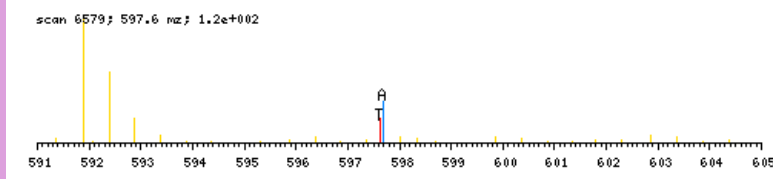
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
215.1032	2	T 16	1677.8084	839.4081
316.1509	3	T 15	1576.7607	788.8843
463.2193	4	F 14	1475.7130	738.3604
576.3033	5	L 13	1328.6446	664.8262
704.3619	6	Q 12	1215.5606	608.2842
805.4096	7	T 11	1087.5020	544.2549
892.4416	8	S 10	986.4543	493.7311
979.4737	9	S 9	899.4223	450.2151
1080.5213	10	T 8	812.3903	406.6990
1227.5898	11	F 7	711.3426	356.1752
1284.6112	12	G 6	564.2742	282.6410
1341.6327	13	G 5	507.2527	254.1303
1428.6647	14	S 4	450.2312	225.6195
1515.6967	15	S 3	363.1992	182.1035
1616.7444	16	T 2	276.1672	138.5875
	17	R 1	175.1195	88.0637

N-term:+43.02

ATVAATTKVPEIR, MH+ 1426.8270, m/z 713.9171
 L OSG37 P180811 230811-s1.05056.05056.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

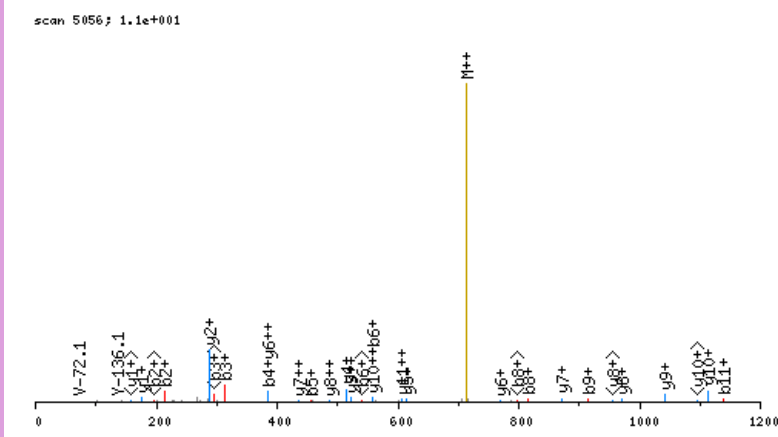
y + 2+ 3+

z + 2+ 3+

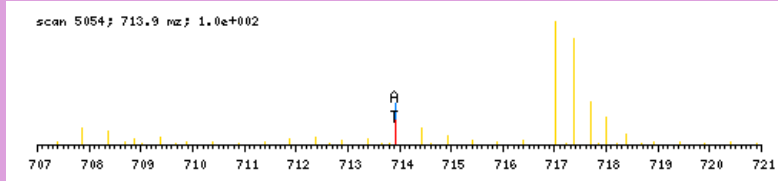
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	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+ 1120.6790, m/z 560.8432
 L OSG37 P180811 230811-s1.05556.05556.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

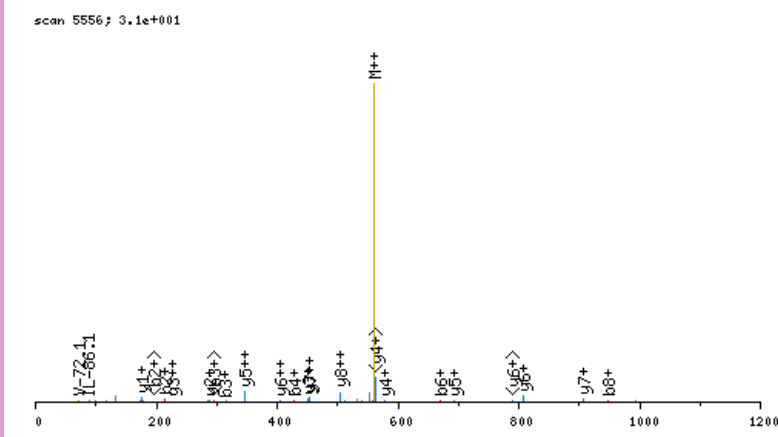
y + 2+ 3+

z + 2+ 3+

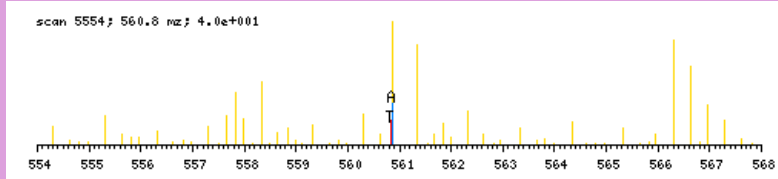
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1007.6314
314.1716	3	V	7	906.5837
429.1985	4	D	6	807.5153
542.2826	5	L	5	692.4883
671.3252	6	E	4	579.4043
833.4833	7	K	3	450.3617
946.5674	8	L	2	288.2036
	9	R	1	175.1195

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

AVAAAAAATAMSAAGGGGASAAR, MH+ 1873.9190, m/z 625.3112
 L OSG41 P180811 230811-s1.07110.07110.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

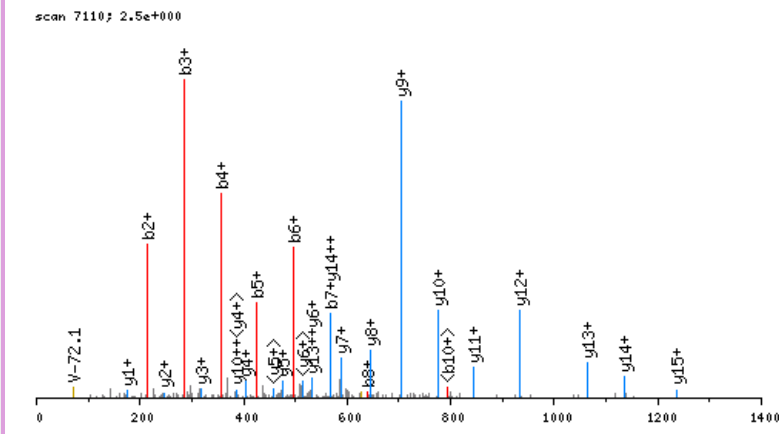
y + 2+ 3+

z + 2+ 3+

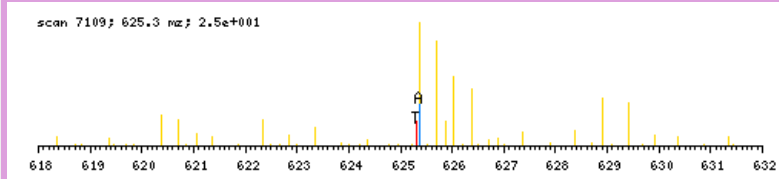
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

AVAAAAVAAPAGGGGAR, MH+ 1379.7395, m/z 690.3734
 L OSG41 P180811 230811-s1.04127.04127.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

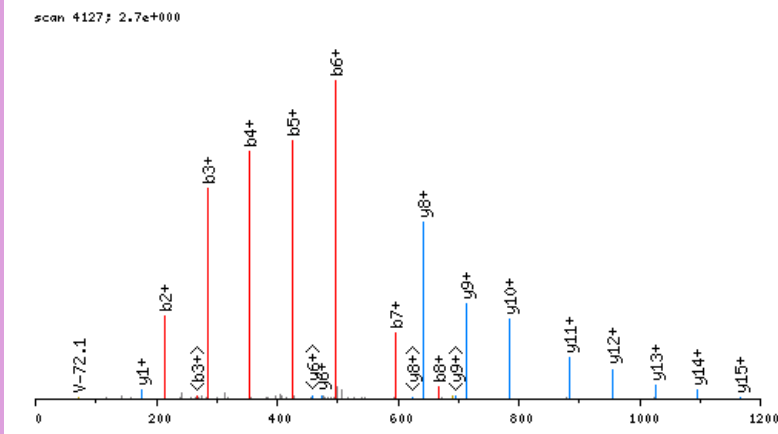
y + 2+ 3+

z + 2+ 3+

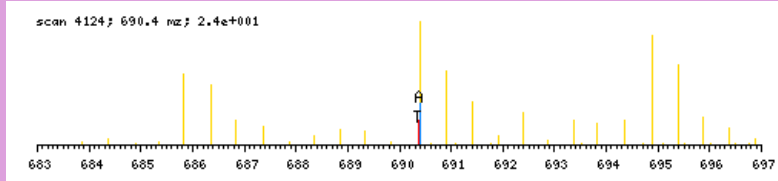
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

AVDGGCGDTGDWEGR, MH+ 1593.6239, m/z 797.3156
 L OSG41 P180811 230811-s1.03933.03933.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

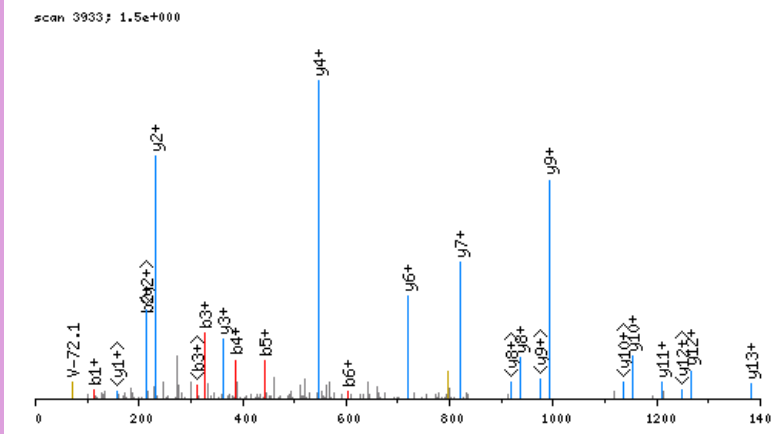
y + 2+ 3+

z + 2+ 3+

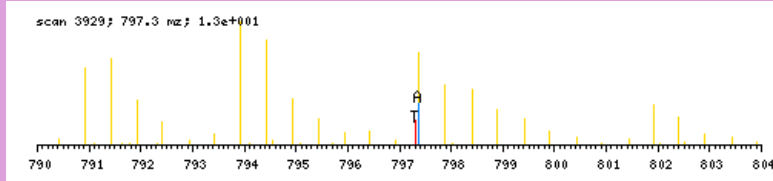
hide H₂O/NH₃

zoom 112-122

GO



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



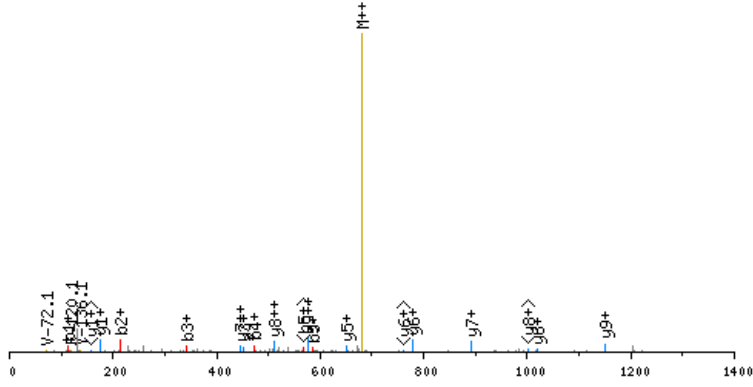
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

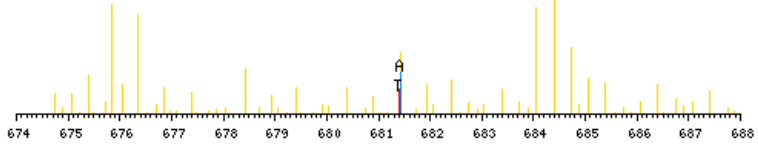
AVEELQSIKR, MH+ 1361.8217, m/z 681.4145
L OSG37 P180811 230811-s1.08393.08393.2.dta

scan 8393; 5.8e+000



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

scan 8389; 681.4 m/z; 2.6e+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

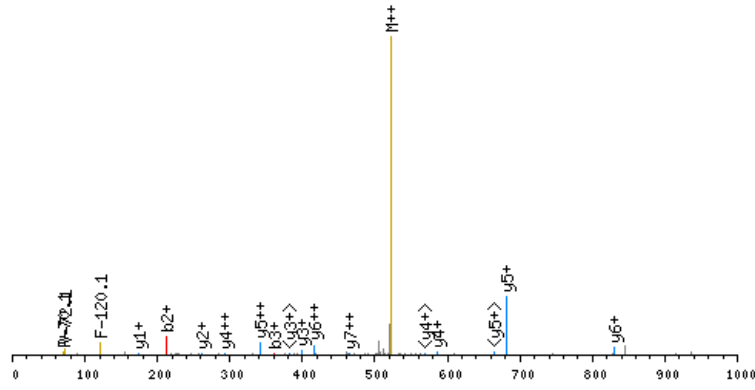
GO

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A 11		
213.1239	2	V 10	1248.7740	624.8909
342.1665	3	E 9	1149.7056	575.3567
471.2091	4	E 8	1020.6630	510.8354
584.2932	5	L 7	891.6204	446.3141
712.3518	6	Q 6	778.5363	389.7721
799.3838	7	S 5	650.4778	325.7428
912.4678	8	I 4	563.4457	282.2268
1025.5519	9	I 3	450.3617	225.6847
1187.7100	10	K 2	337.2776	169.1427
	11	R 1	175.1195	88.0637

N-term:+43.02 K(10):+162.16

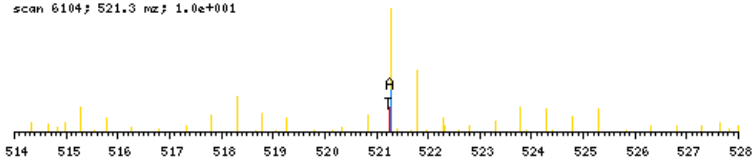
AVFPWHSR, MH+ 1041.5270, m/z 521.2672
 L OSG38 P180811 230811-s1.06108.06108.2.dta

scan 6108; 6.0e+000



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

scan 6104; 521.3 m/z; 1.0e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A	8	
213.1239	2	V	7	928.4793
360.1923	3	F	6	829.4109
457.2451	4	P	5	682.3425
643.3244	5	W	4	585.2898
780.3833	6	H	3	399.2104
867.4154	7	S	2	262.1515
	8	R	1	175.1195

N-term:+43.02

AVNVYSTSVTSDNLSR, MH+ 1754.8561, m/z 877.9317
 L OSG41 P180811 230811-s1.05273.05273.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

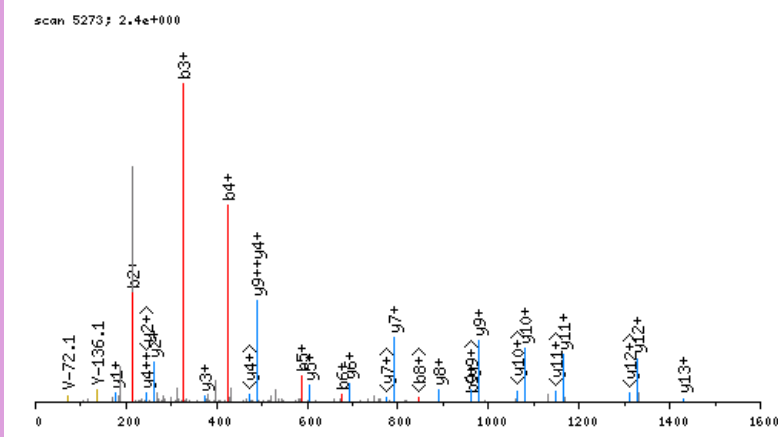
y + 2+ 3+

z + 2+ 3+

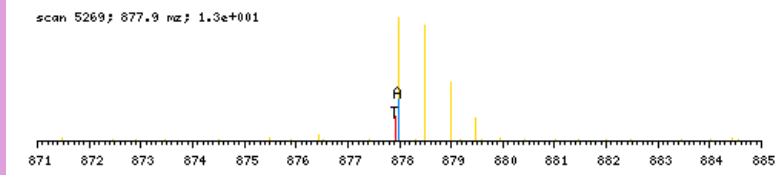
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

AVPPTYADLGKSAR, MH+ 1521.8490, m/z 761.4281
 L OSG37 P180811 230811-s1.05200.05200.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

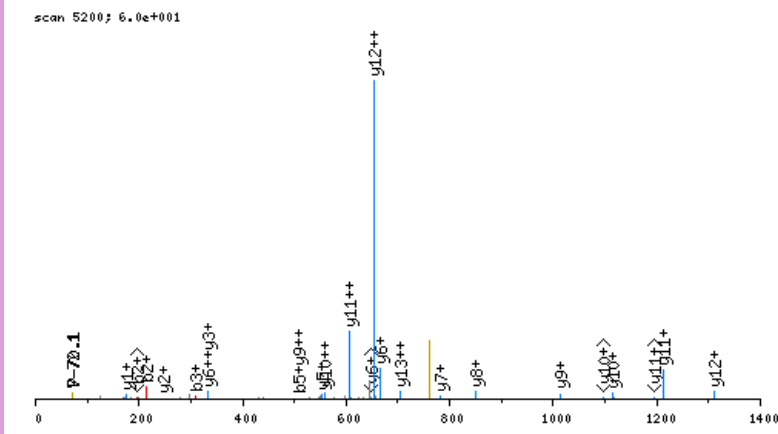
y + 2+ 3+

z + 2+ 3+

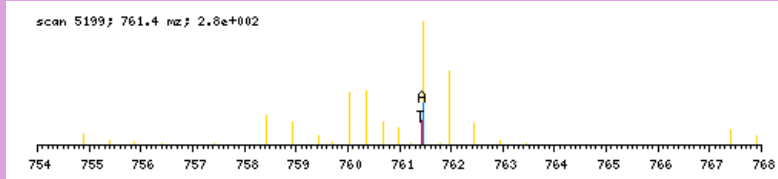
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
213.1239	2	V 13	1408.8013	704.9046
310.1767	3	P 12	1309.7329	655.3703
407.2295	4	P 11	1212.6801	606.8440
508.2771	5	T 10	1115.6273	558.3176
671.3405	6	Y 9	1014.5797	507.7937
742.3776	7	A 8	851.5163	426.2621
857.4045	8	D 7	780.4792	390.7435
970.4886	9	L 6	665.4523	333.2300
1027.5100	10	G 5	552.3682	276.6880
1189.6681	11	K 4	495.3467	248.1773
1276.7002	12	S 3	333.1886	167.0982
1347.7373	13	A 2	246.1566	123.5822
	14	R 1	175.1195	88.0637

N-term:+43.02 K(11):+162.16

AVSTGVKVPK, MH+ 1083.6527, m/z 542.3300
 L OSG37 P180811 230811-s1.03440.03440.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

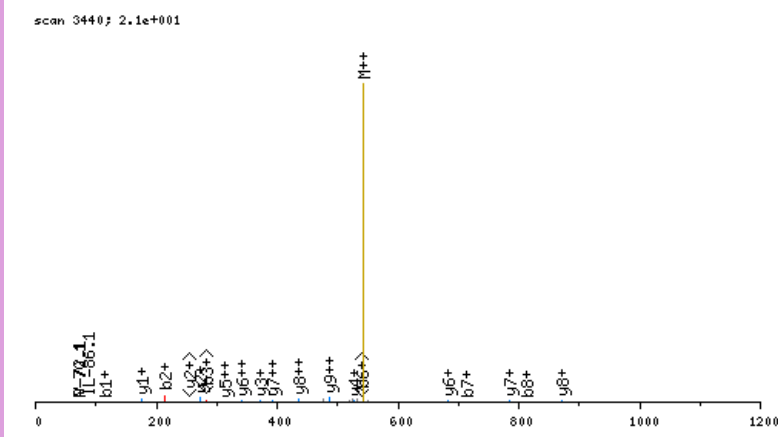
y + 2+ 3+

z + 2+ 3+

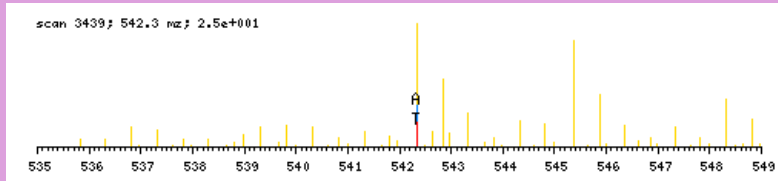
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

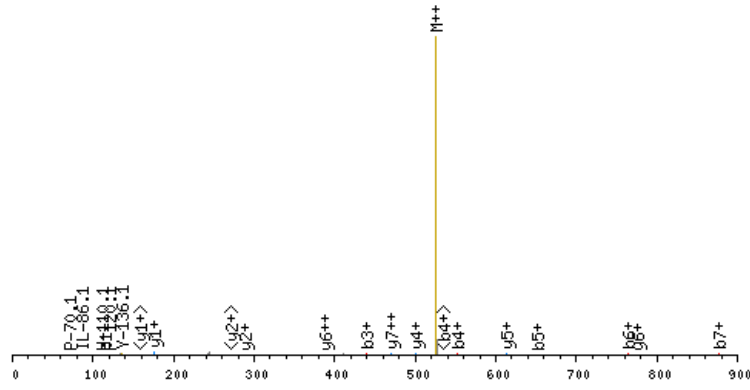
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

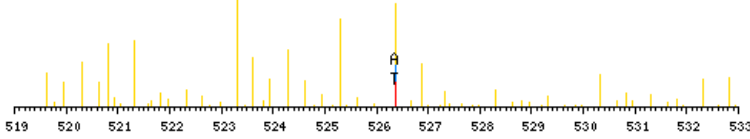
GO

scan 6910; 3.4e+001



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

scan 6909; 526.4 m/z; 1.4e+001



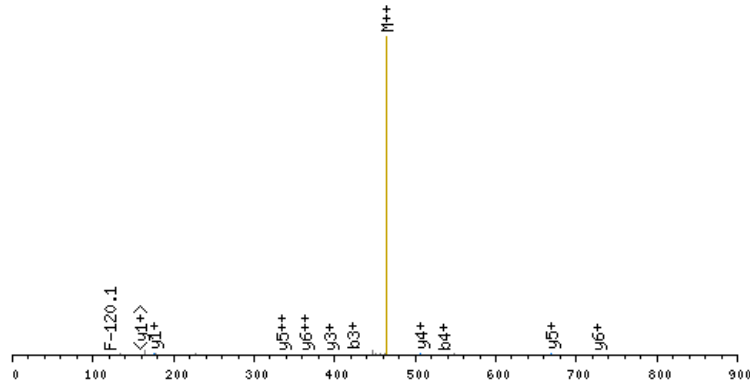
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
114.0555	1	A	8	
277.1188	2	Y	7	938.6615
439.2769	3	K	6	775.5982
552.3610	4	L	5	613.4401
651.4294	5	V	4	500.3560
764.5135	6	L	3	401.2876
877.5975	7	I	2	288.2036
	8	R	1	175.1195

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

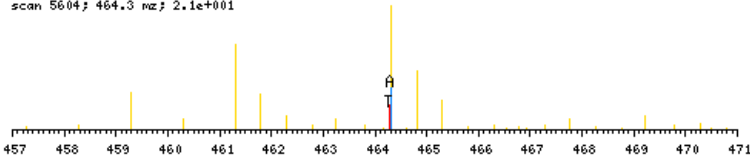
CGKIFAR, MH+ 927.5298, m/z 464.2686
 L OSG38 P180811 230811-s1.05606.05606.2.dta

scan 5606; 2.5e+001



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

scan 5604; 464.3 mz; 2.1e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
203.0490	1	C	7	
260.0705	2	G	6	725.4887
422.2286	3	K	5	668.4672
535.3126	4	I	4	506.3091
682.3810	5	F	3	393.2250
753.4182	6	A	2	246.1566
	7	R	1	175.1195

N-term:+43.02 C(1):+160.03
 K(3):+162.16

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

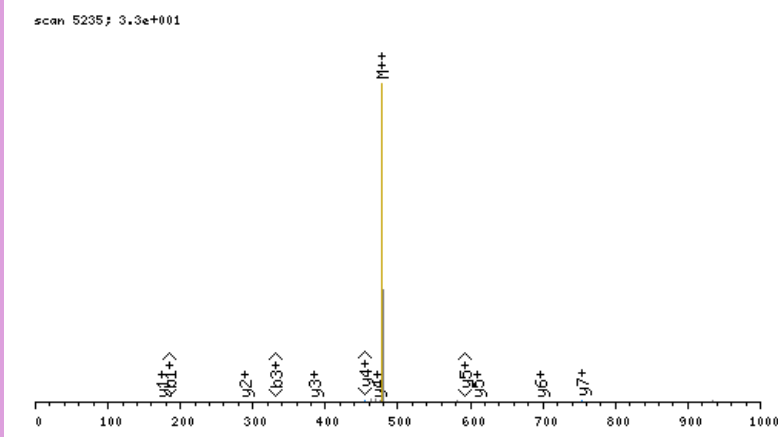
y + 2+ 3+

z + 2+ 3+

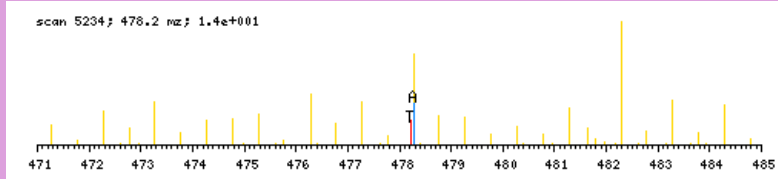
hide H₂O/NH₃

zoom 112-122

GO



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



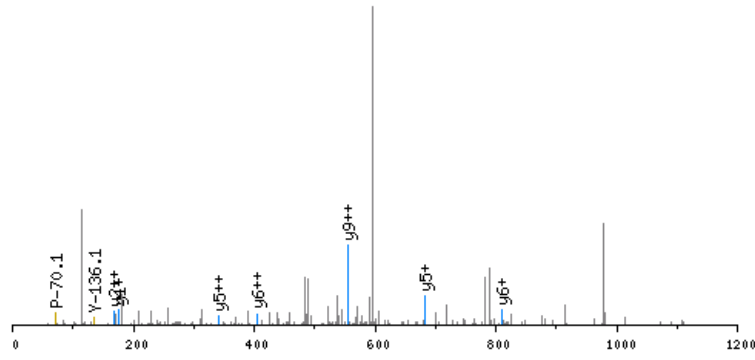
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
203.0490	1	C	8	
260.0705	2	G	7	753.4008 377.2043
347.1025	3	S	6	696.3793 348.6936
484.1614	4	H	5	609.3473 305.1775
571.1934	5	S	4	472.2884 236.6481
668.2462	6	P	3	385.2563 193.1321
781.3303	7	L	2	288.2036 144.6057
	8	R	1	175.1195 88.0637

N-term:+43.02 C(1):+160.03

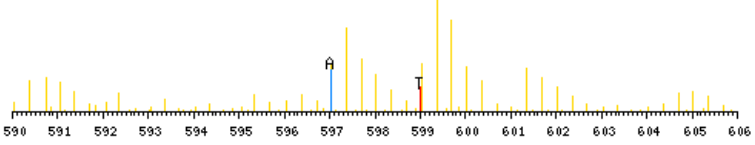
CLPLKPSLQACNKR, MH+ 1795.0358, m/z 599.0168
 L OSG39 P180811 230811-s1.04789.04789.3.dta

scan 4789; 2.3e+000



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

scan 4786; 599.0 mz; 2.1e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
203.0490	1	C	14		
316.1331	2	L	13	1592.9947	797.0012
413.1858	3	P	12	1479.9106	740.4592
526.2699	4	L	11	1382.8578	691.9328
688.4280	5	K	10	1269.7738	635.3908
785.4808	6	P	9	1107.6157	554.3118
872.5128	7	S	8	1010.5629	505.7854
985.5968	8	L	7	923.5309	462.2694
1113.6554	9	Q	6	810.4468	405.7273
1184.6925	10	A	5	682.3882	341.6980
1344.7231	11	C	4	611.3511	306.1795
1458.7661	12	N	3	451.3205	226.1642
1620.9242	13	K	2	337.2776	169.1427
	14	R	1	175.1195	88.0637

N-term:+43.02 C(1):+160.03
 K(5):+162.16 C(11):+160.03
 K(13):+162.16

DAATLTYDTLR, MH+ 1281.6327, m/z 641.3200
 L OSG41 P180811 230811-s1.07126.07126.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

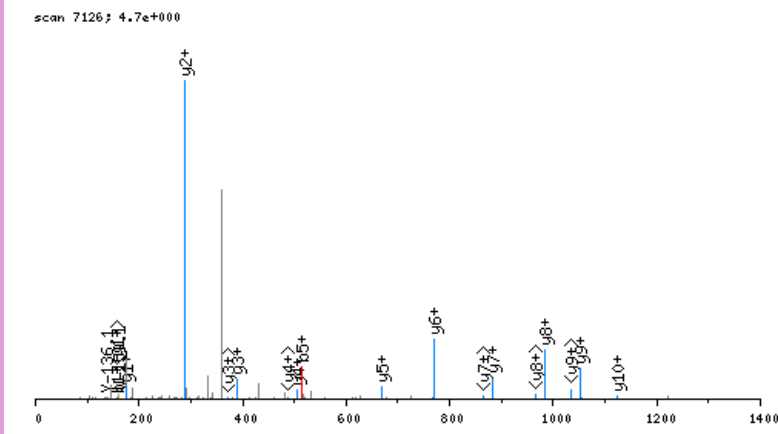
y + 2+ 3+

z + 2+ 3+

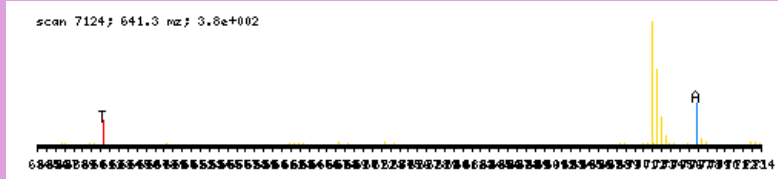
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

DAGFFR, MH+ 754.3524, m/z 377.6799
 L OSG41 P180811 230811-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+

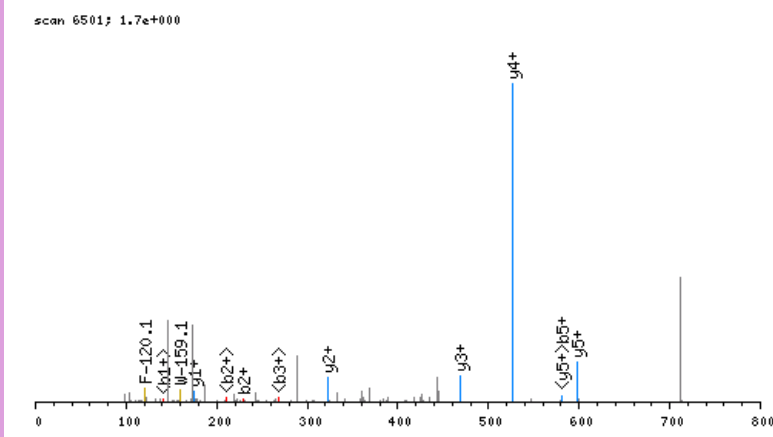
y + 2+ 3+

z + 2+ 3+

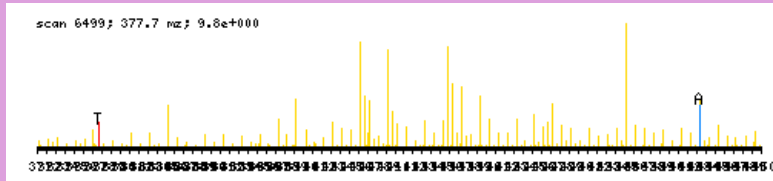
hide H₂O/NH₃

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⁺
158.0453	1	D	6	
229.0825	2	A	5	597.3149 299.1614
286.1039	3	G	4	526.2778 263.6428
433.1723	4	F	3	469.2563 235.1321
580.2407	5	F	2	322.1879 161.5979
	6	R	1	175.1195 88.0637

N-term:+43.02

DAQSSAKVNSR, MH+ 1232.6236, m/z 616.8154
 L OSG37 P180811 230811-s1.02251.02251.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

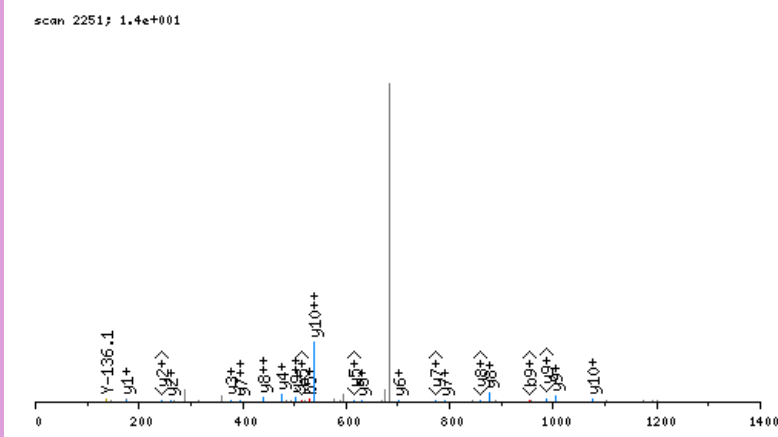
y + 2+ 3+

z + 2+ 3+

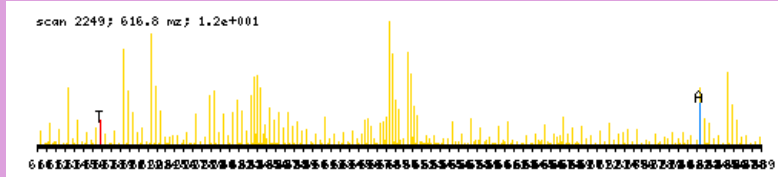
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1075.5860	538.2969
357.1410	3	Q 9	1004.5489	502.7784
444.1731	4	S 8	876.4903	438.7491
531.2051	5	S 7	789.4583	395.2331
602.2422	6	A 6	702.4263	351.7171
758.3685	7	K 5	631.3892	316.1985
857.4369	8	V 4	475.2629	238.1353
971.4798	9	N 3	376.1945	188.6011
1058.5119	10	S 2	262.1515	131.5797
	11	R 1	175.1195	88.0637

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

DDDIAALVVDNNGSGMCKAGFAGDDAPR, MH+ 2807.2616, m/z 936.4254
 L OSG36 P180811 230811-s1.06047.06047.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

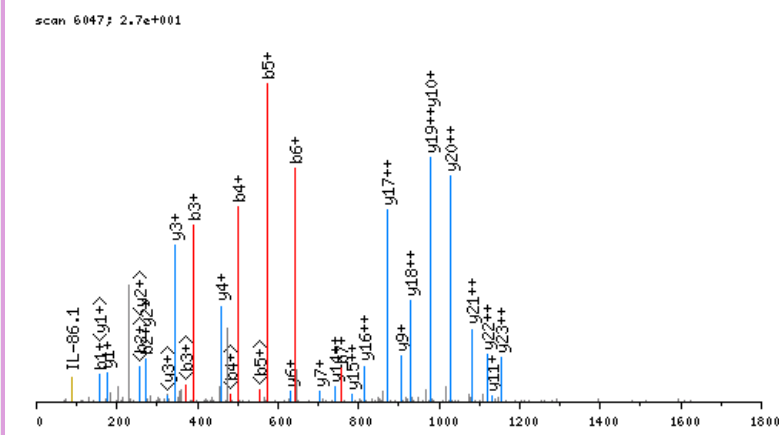
y + 2+ 3+

z + 2+ 3+

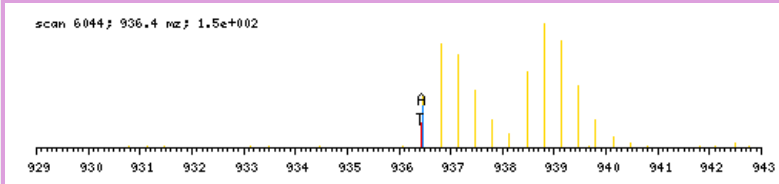
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
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

DDIFTQCR, MH+ 1096.4733, m/z 548.7403
 L OSG41 P180811 230811-s1.06460.06460.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

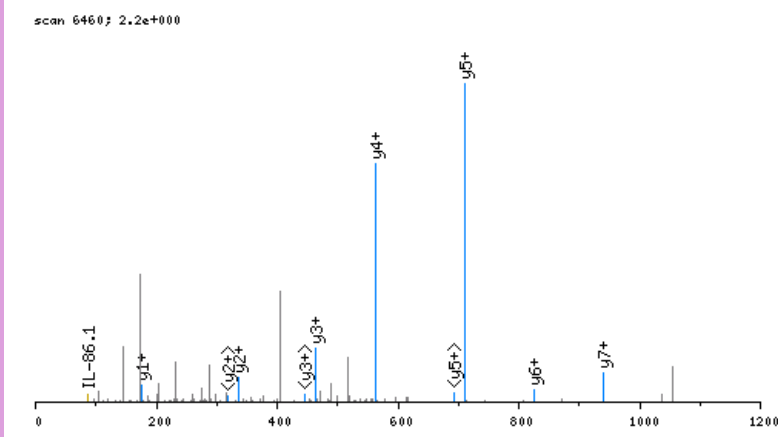
y + 2+ 3+

z + 2+ 3+

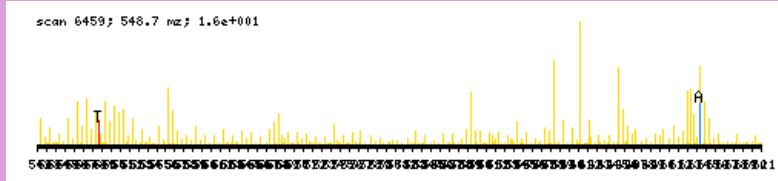
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	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
 L OSG39 P180811 230811-s1.05794.05794.3.dta

scan 5794; 1.5e+001

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

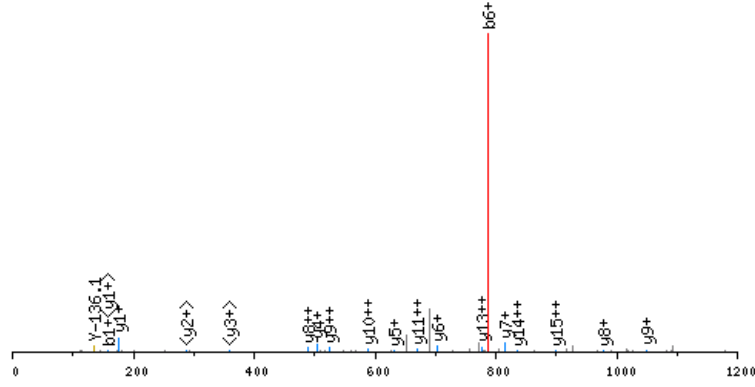
y + 2+ 3+

z + 2+ 3+

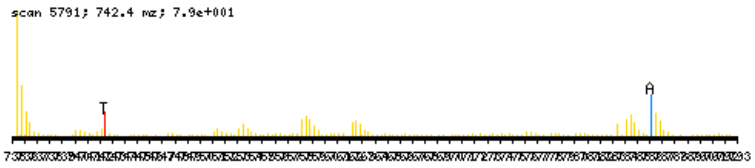
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
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
L OSG36 P180811 230811-sl.05385.05385.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

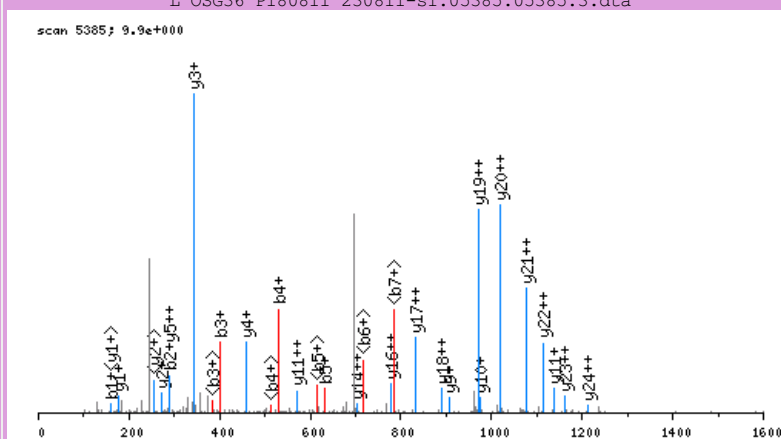
y + 2+ 3+

z + 2+ 3+

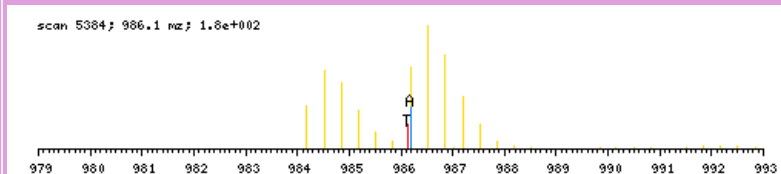
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

DEKVVYTDK, MH+ 1101.5641, m/z 551.2857
 L OSG38 P180811 230811-s1.02685.02685.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

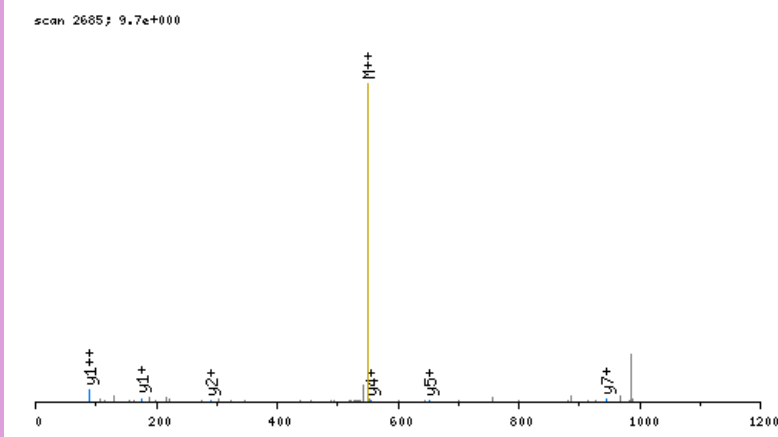
y + 2+ 3+

z + 2+ 3+

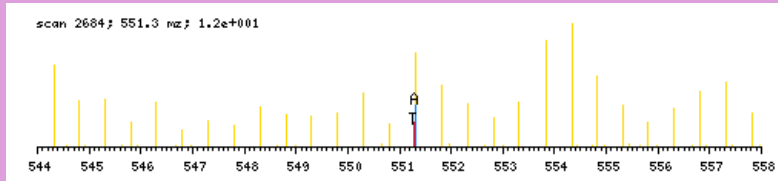
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
287.0879	2	E 7	944.5266	472.7672
449.2460	3	K 6	815.4840	408.2459
548.3145	4	V 5	653.3259	327.1668
711.3778	5	Y 4	554.2575	277.6326
812.4255	6	T 3	391.1941	196.1010
927.4524	7	D 2	290.1464	145.5771
	8	R 1	175.1195	88.0637

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

DETSPLVSPER, MH+ 1271.6119, m/z 636.3096
 L OSG41 P180811 230811-s1.05085.05085.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

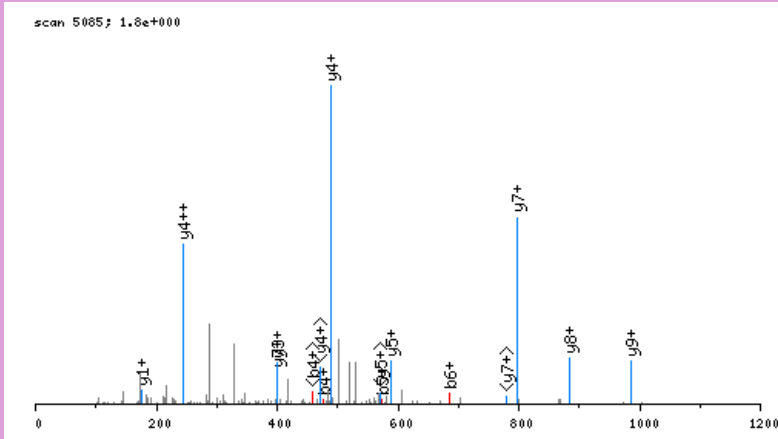
y + 2+ 3+

z + 2+ 3+

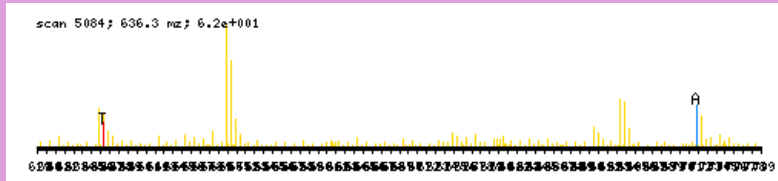
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
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+ 944.6094, m/z 472.8083
L OSG37 P180811 230811-s1.06260.06260.2.dta

scan 6260; 3.5e+001

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

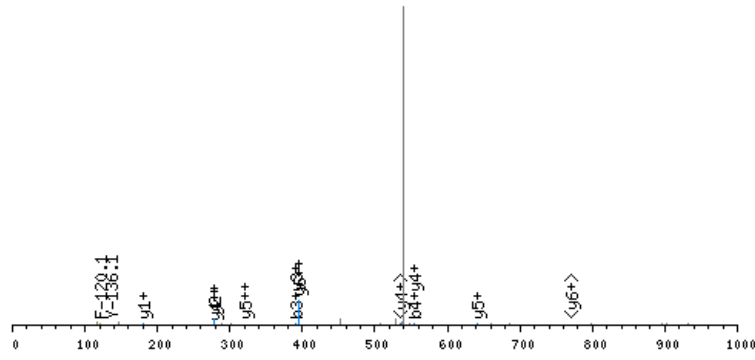
y + 2+ 3+

z + 2+ 3+

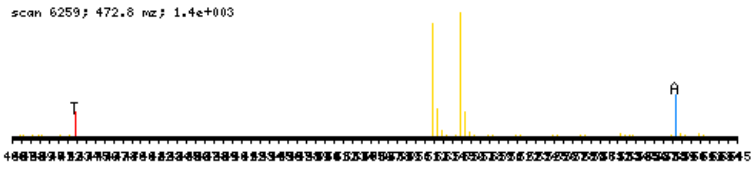
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
158.0453	1	D	7	
305.1138	2	F	6	787.5719
392.1458	3	S	5	640.5034
554.3039	4	K	4	553.4714
667.3879	5	L	3	391.3133
764.4407	6	P	2	278.2293
	7	K	1	181.1765

N-term:+43.02 K(4):+162.16
K(7):+162.16

DFSKLPKIR, MH+ 1201.7310, m/z 401.2485
 L OSG40 P180811 230811-s1.07545.07545.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

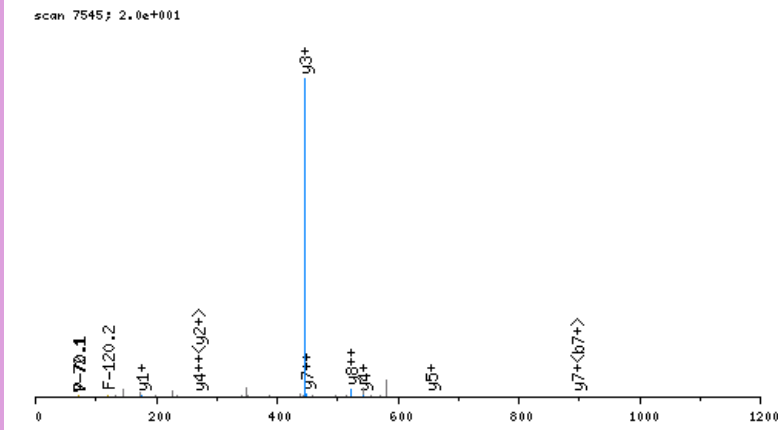
y + 2+ 3+

z + 2+ 3+

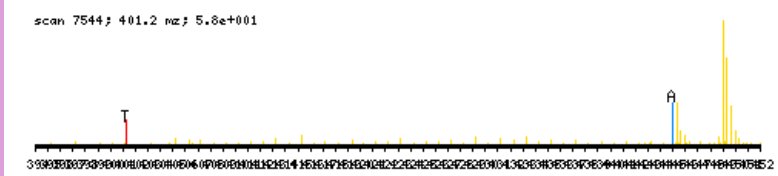
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1044.6934
392.1458	3	S	7	897.6250
548.2721	4	K	6	810.5930
661.3561	5	L	5	654.4667
758.4089	6	P	4	541.3826
914.5352	7	K	3	444.3299
1027.6193	8	I	2	288.2036
	9	R	1	175.1195

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

DGAAGPGEPAHETLQTLR, MH+ 2134.0165, m/z 712.0104
 L OSG37 P180811 230811-s1.06422.06422.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

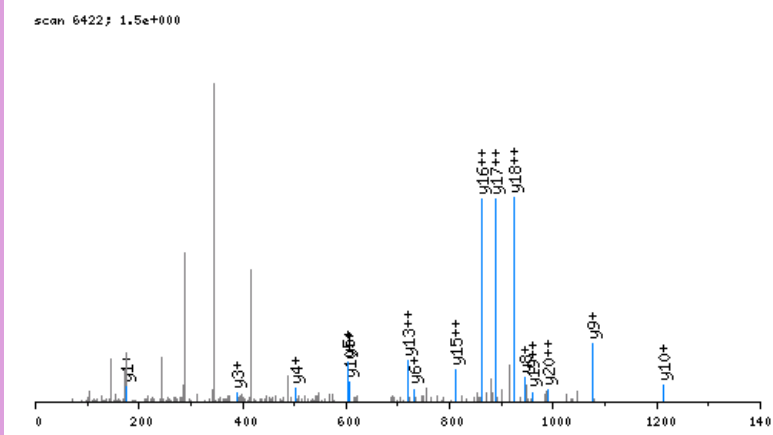
y + 2+ 3+

z + 2+ 3+

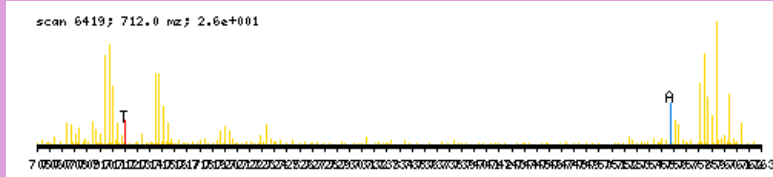
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 21		
215.0668	2	G 20	1976.9790	988.9934
286.1039	3	A 19	1919.9575	960.4827
357.1410	4	A 18	1848.9204	924.9641
414.1625	5	G 17	1777.8833	889.4456
511.2153	6	P 16	1720.8618	860.9348
568.2367	7	G 15	1623.8091	812.4084
697.2793	8	E 14	1566.7876	783.8977
754.3008	9	G 13	1437.7450	719.3764
851.3535	10	P 12	1380.7236	690.8657
922.3907	11	A 11	1283.6708	642.3393
1059.4496	12	H 10	1212.6337	606.8207
1188.4922	13	E 9	1075.5748	538.2913
1289.5398	14	T 8	946.5322	473.7700
1402.6239	15	L 7	845.4845	423.2462
1530.6825	16	Q 6	732.4004	366.7041
1631.7302	17	T 5	604.3418	302.6748
1744.8142	18	L 4	503.2942	252.1510
1831.8463	19	S 3	390.2101	195.6090
1959.9048	20	Q 2	303.1781	152.0930
	21	R 1	175.1195	88.0637

N-term:+43.02

DGEDDSNLVIKKR, MH+ 1586.8391, m/z 529.6179
 L OSG40 P180811 230811-s1.04965.04965.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

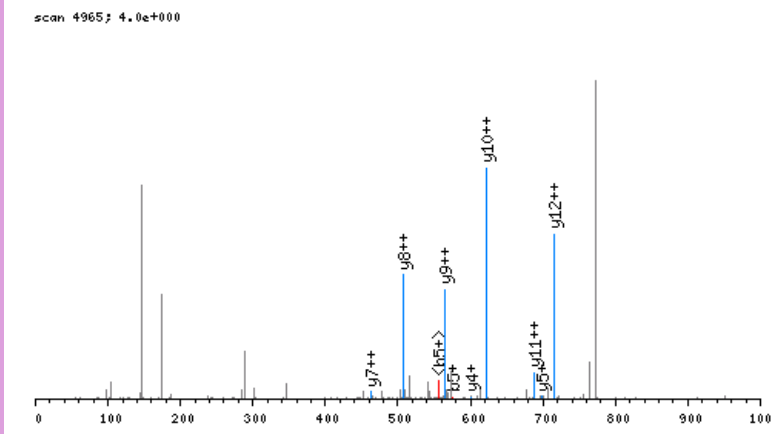
y + 2+ 3+

z + 2+ 3+

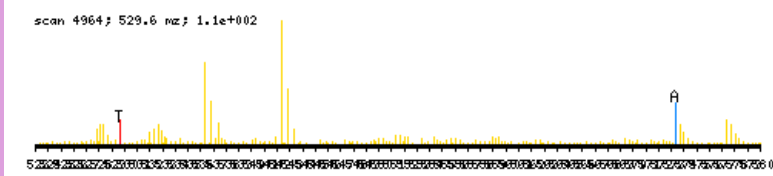
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	715.4047
344.1094	3	E	11	1372.7801	686.8940
459.1363	4	D	10	1243.7375	622.3727
574.1633	5	D	9	1128.7105	564.8592
661.1953	6	S	8	1013.6836	507.3457
775.2382	7	N	7	926.6516	463.8297
888.3223	8	L	6	812.6086	406.8082
987.3907	9	V	5	699.5246	350.2662
1100.4748	10	I	4	600.4562	300.7320
1256.6011	11	K	3	487.3721	244.1900
1412.7274	12	K	2	331.2458	166.1268
	13	R	1	175.1195	88.0637

N-term:+43.02 K(11):+156.13
 K(12):+156.13

DGIVPDIAVGTRK, MH+ 1416.8275, m/z 708.9174
 L OSG37 P180811 230811-s1.07522.07522.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

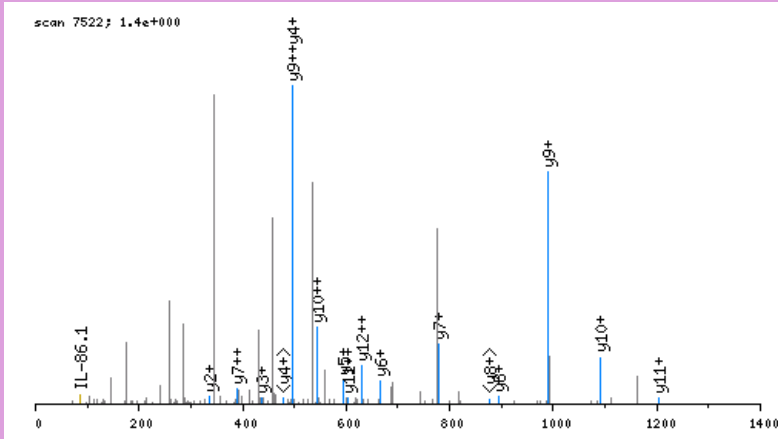
y + 2+ 3+

z + 2+ 3+

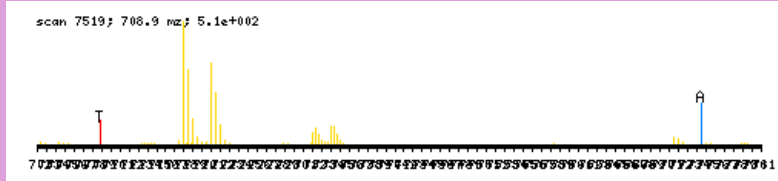
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1259.7900 630.3989
328.1509	3	I	11	1202.7685 601.8882
427.2193	4	V	10	1089.6845 545.3461
524.2720	5	P	9	990.6160 495.8119
639.2990	6	D	8	893.5633 447.2856
752.3831	7	I	7	778.5363 389.7721
823.4202	8	A	6	665.4523 333.2300
922.4886	9	V	5	594.4152 297.7115
979.5100	10	G	4	495.3467 248.1773
1080.5577	11	T	3	438.3253 219.6666
1242.7158	12	K	2	337.2776 169.1427
	13	R	1	175.1195 88.0637

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

DGLVAQCSAR, MH+ 1118.5264, m/z 559.7668
 L OSG41 P180811 230811-s1.04860.04860.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

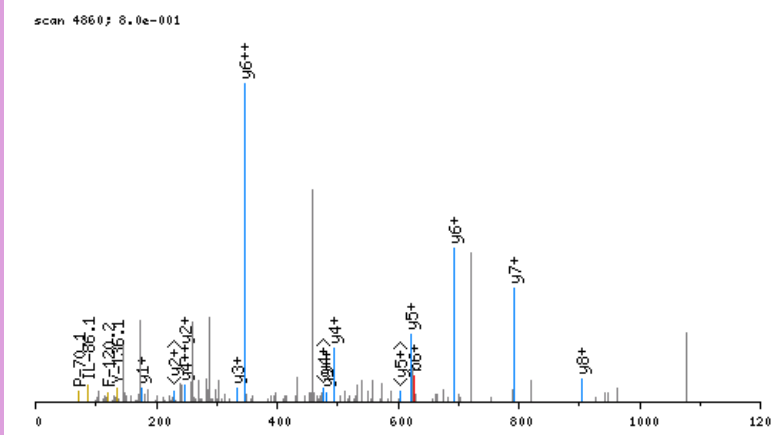
y + 2+ 3+

z + 2+ 3+

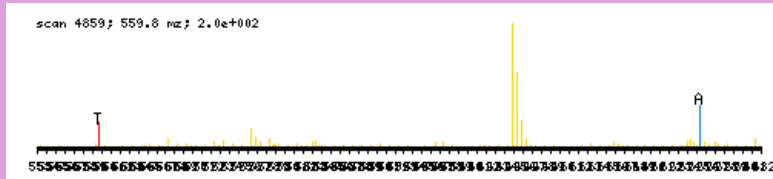
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG41 P180811 230811-s1.06036.06036.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

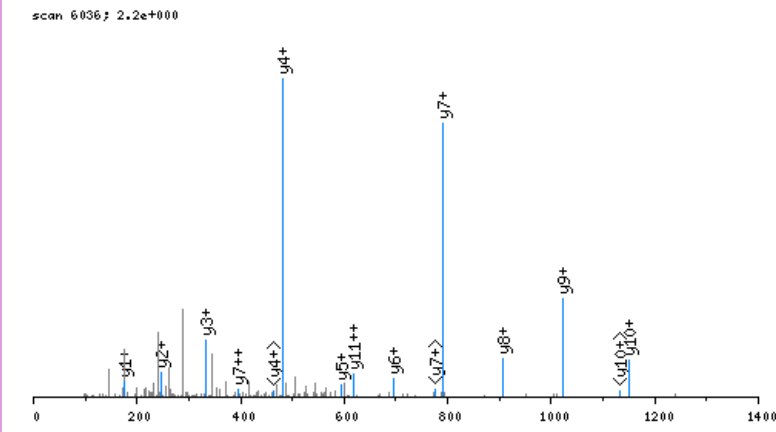
y + 2+ 3+

z + 2+ 3+

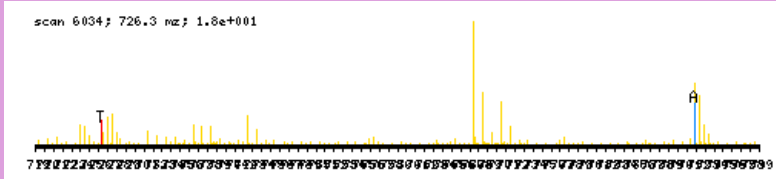
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	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

DIAIHHPWIR, MH+ 1299.6962, m/z 433.9036
 L OSG40 P180811 230811-s1.07660.07660.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

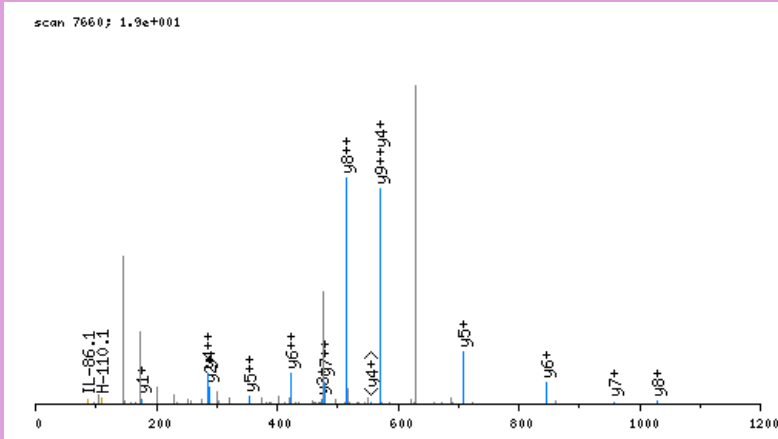
y + 2+ 3+

z + 2+ 3+

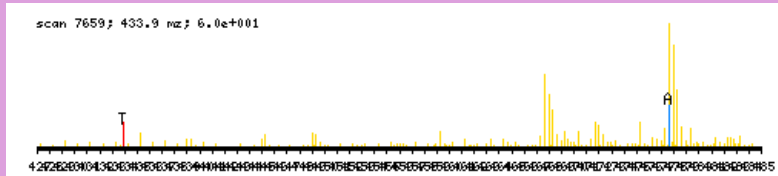
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

DILKSEILR, MH+ 1156.6942, m/z 578.8507
 L OSG37 P180811 230811-s1.08667.08667.2.dta

scan 8667; 2.1e+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+

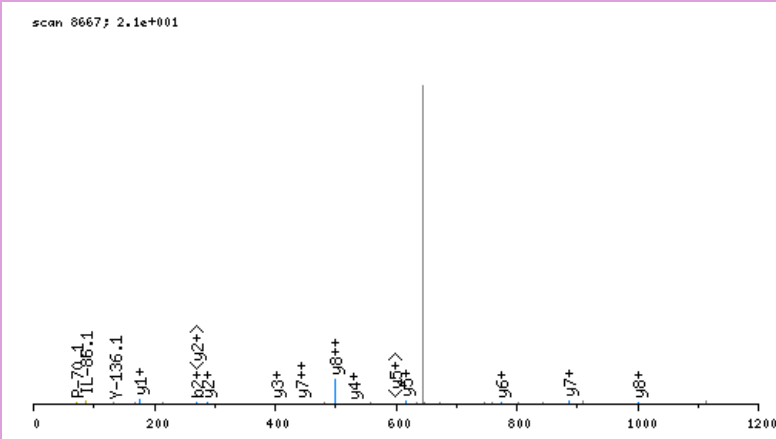
y + 2+ 3+

z + 2+ 3+

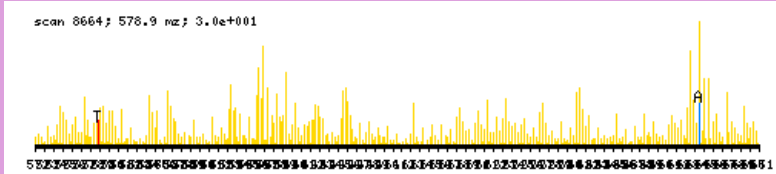
hide H₂O/NH₃

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⁺
158.0453	1	D	9	
271.1294	2	I	8	999.6567
384.2135	3	L	7	886.5726
540.3398	4	K	6	773.4886
627.3718	5	S	5	617.3623
756.4144	6	E	4	530.3302
869.4985	7	I	3	401.2876
982.5825	8	L	2	288.2036
	9	R	1	175.1195

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

DKNELVQKAKLAEQAER, MH+ 2114.2671, m/z 705.4272
 L OSG40 P180811 230811-s1.06121.06121.3.dta

scan 6121; 2.0e+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+

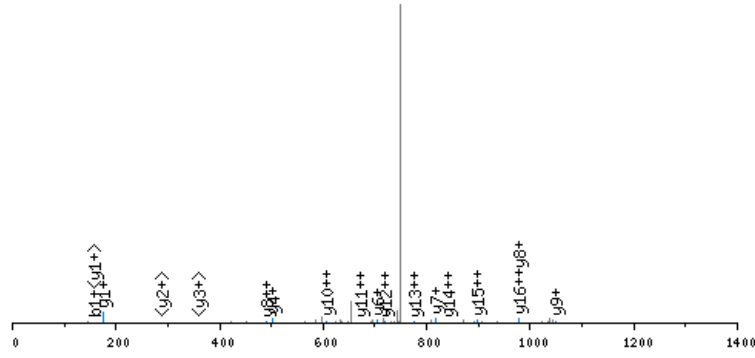
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

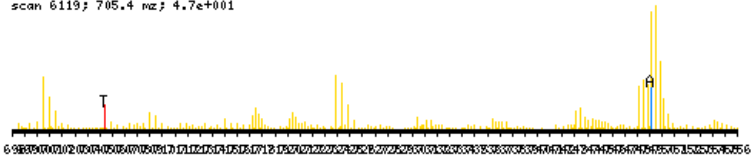
zoom 112-122

GO



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

scan 6119; 705.4 nz; 4.7e+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

DKVCAVFGGSR, MH+ 1271.6630, m/z 636.3352
 L OSG37 P180811 230811-s1.07205.07205.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

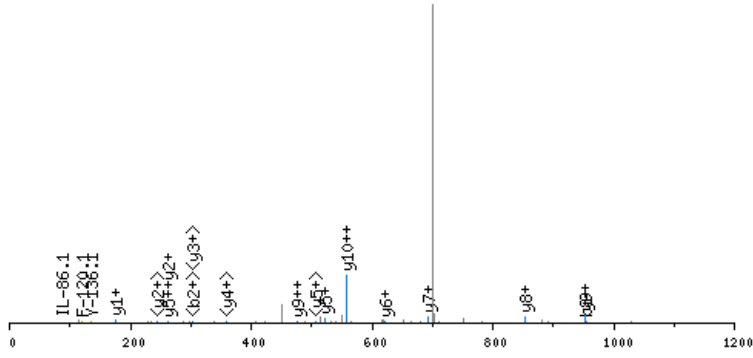
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

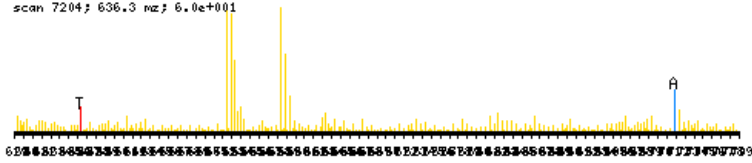
GO

scan 7205; 1.2e+001



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

scan 7204; 636.3 m/z; 6.0e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
158.0453	1	D	11	
320.2034	2	K	10	1114.6255 557.8167
419.2719	3	V	9	952.4674 476.7376
579.3025	4	C	8	853.3990 427.2034
650.3396	5	A	7	693.3684 347.1881
749.4080	6	V	6	622.3313 311.6696
896.4764	7	F	5	523.2629 262.1353
953.4979	8	G	4	376.1945 188.6011
1010.5193	9	G	3	319.1730 160.0904
1097.5514	10	S	2	262.1515 131.5797
	11	R	1	175.1195 88.0637

N-term:+43.02 K(2):+162.16
 C(4):+160.03

DLEAVCKR, MH+ 1060.5461, m/z 530.7767
 L OSG38 P180811 230811-s1.05201.05201.2.dta

scan 5201; 1.1e+001

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

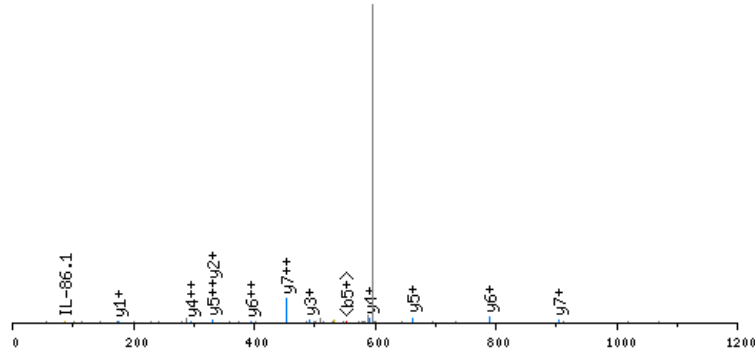
y + 2+ 3+

z + 2+ 3+

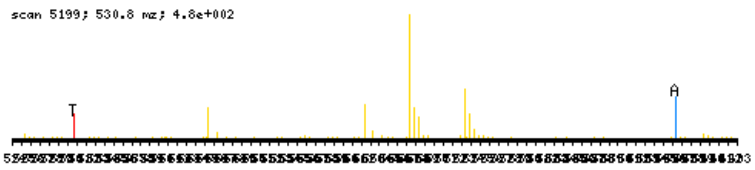
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
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

DLGTAESTR, MH+ 991.4696, m/z 496.2385
 L OSG41 P180811 230811-s1.04111.04111.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

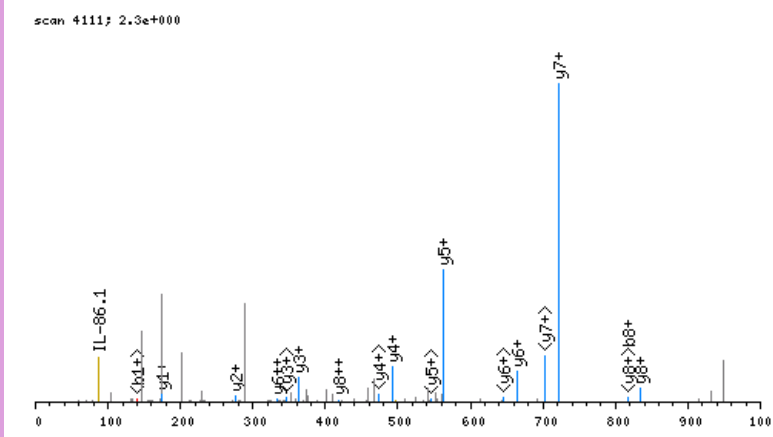
y + 2+ 3+

z + 2+ 3+

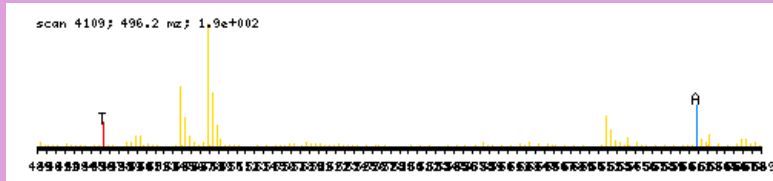
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	
271.1294	2	L	8	834.4321 417.7200
328.1509	3	G	7	721.3481 361.1779
429.1985	4	T	6	664.3266 332.6672
500.2357	5	A	5	563.2789 282.1434
629.2783	6	E	4	492.2418 246.6248
716.3103	7	S	3	363.1992 182.1035
817.3580	8	T	2	276.1672 138.5875
	9	R	1	175.1195 88.0637

N-term:+43.02

DLLFGR, MH+ 762.4150, m/z 381.7112
 L OSG41 P180811 230811-s1.07527.07527.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

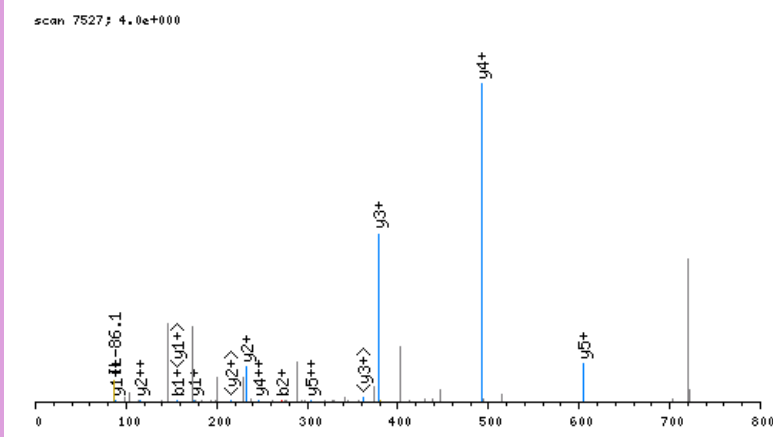
y + 2+ 3+

z + 2+ 3+

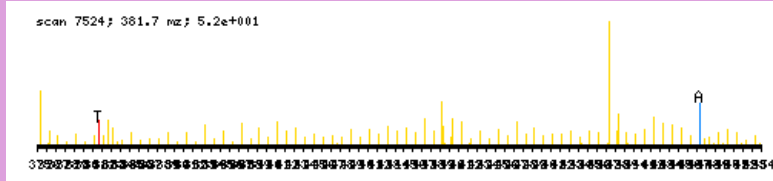
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

DMDDDEMDPNYAR, MH+ 1628.5845, m/z 407.9016
 L OSG40 P180811 230811-s1.04278.04278.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

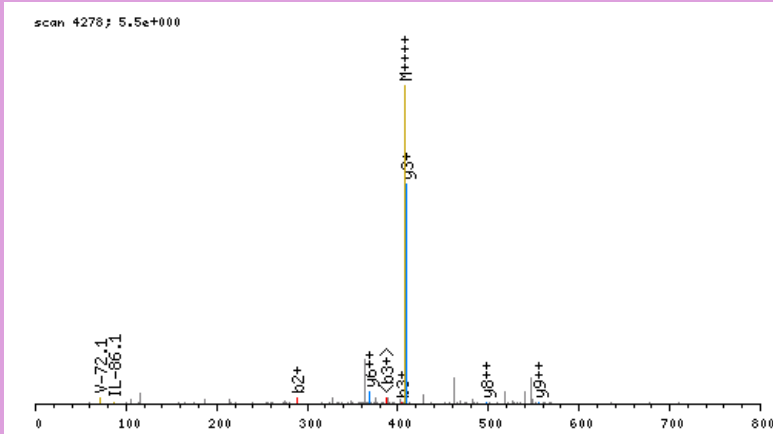
y + 2+ 3+

z + 2+ 3+

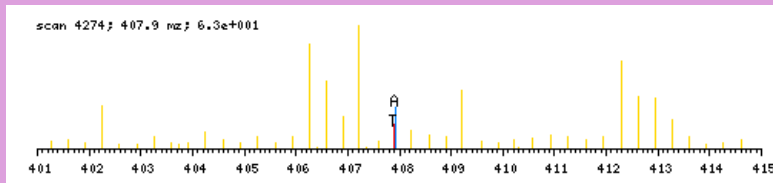
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
289.0858	2	M 12	1471.5470	736.2774
404.1128	3	D 11	1340.5065	670.7572
519.1397	4	D 10	1225.4795	613.2437
634.1667	5	D 9	1110.4526	555.7302
763.2093	6	E 8	995.4257	498.2167
894.2497	7	M 7	866.3831	433.6954
1009.2767	8	D 6	735.3426	368.1752
1106.3294	9	P 5	620.3156	310.6617
1220.3724	10	N 4	523.2629	262.1353
1383.4357	11	Y 3	409.2199	205.1139
1454.4728	12	A 2	246.1566	123.5822
	13	R 1	175.1195	88.0637

N-term:+43.02

DMGNQHPSISR, MH+ 1283.5803, m/z 642.2938
 L OSG37 P180811 230811-s1.04065.04065.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

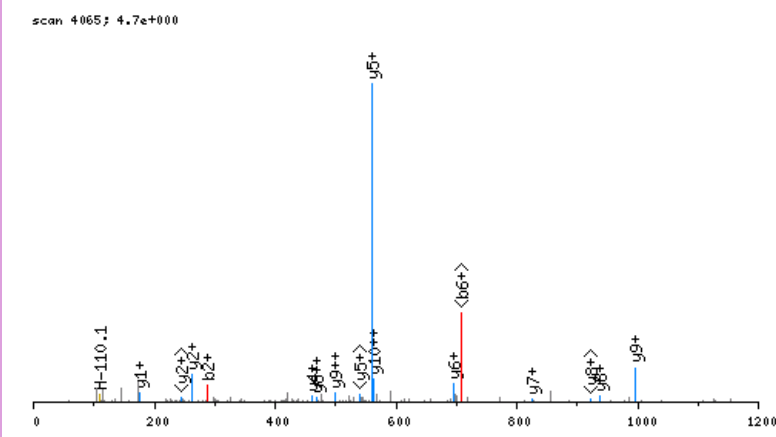
y + 2+ 3+

z + 2+ 3+

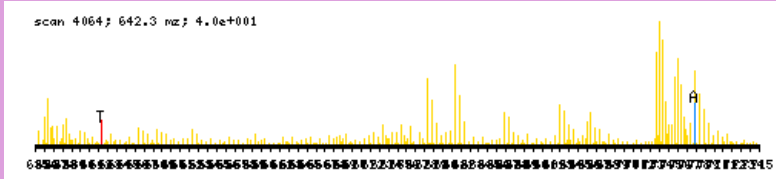
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

DNSGKQAEAMALLAEAER, MH+ 1973.9603, m/z 658.6583
 L OSG37 P180811 230811-s1.08256.08256.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

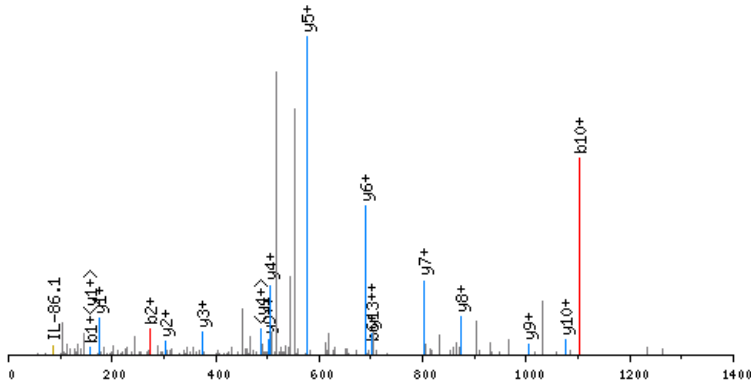
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

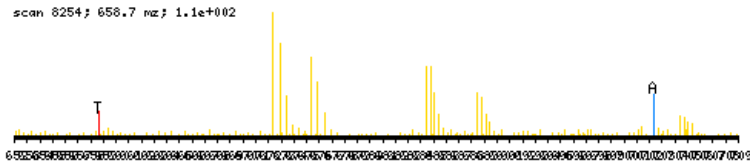
GO

scan 8256; 1.5e+000



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

scan 8254; 658.7 m/z; 1.1e+002



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

b ⁺	#	AA #	y ⁺	y ²⁺
158.0453	1	D 18		
272.0883	2	N 17	1816.9228	908.9653
359.1203	3	S 16	1702.8798	851.9438
416.1418	4	G 15	1615.8478	808.4278
572.2681	5	K 14	1558.8263	779.9171
700.3266	6	Q 13	1402.7000	701.8539
771.3638	7	A 12	1274.6415	637.8246
900.4063	8	E 11	1203.6043	602.3061
971.4435	9	A 10	1074.5618	537.7848
1102.4839	10	M 9	1003.5246	502.2662
1173.5211	11	A 8	872.4842	436.7460
1286.6051	12	L 7	801.4470	401.2274
1399.6892	13	L 6	688.3630	344.6854
1470.7263	14	A 5	575.2789	288.1434
1599.7689	15	E 4	504.2418	252.6248
1670.8060	16	A 3	375.1992	188.1035
1799.8486	17	E 2	304.1621	152.5850
	18	R 1	175.1195	88.0637

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

DPNTIIEALR, MH+ 1183.6323, m/z 592.3198
 L OSG41 P180811 230811-s1.07510.07510.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

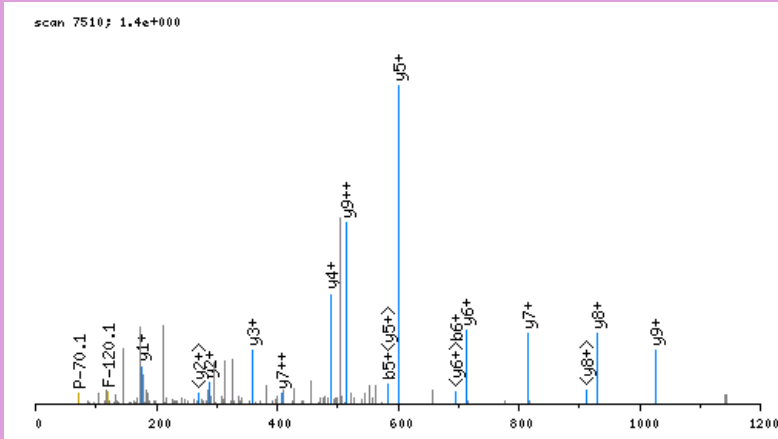
y + 2+ 3+

z + 2+ 3+

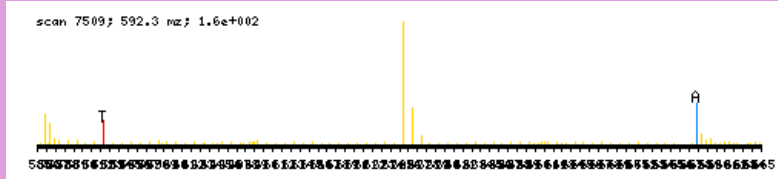
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

DPSGVKLVLETAEDIQER, MH+ 1955.9926, m/z 652.6691
 L OSG36 P180811 230811-s1.05721.05721.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

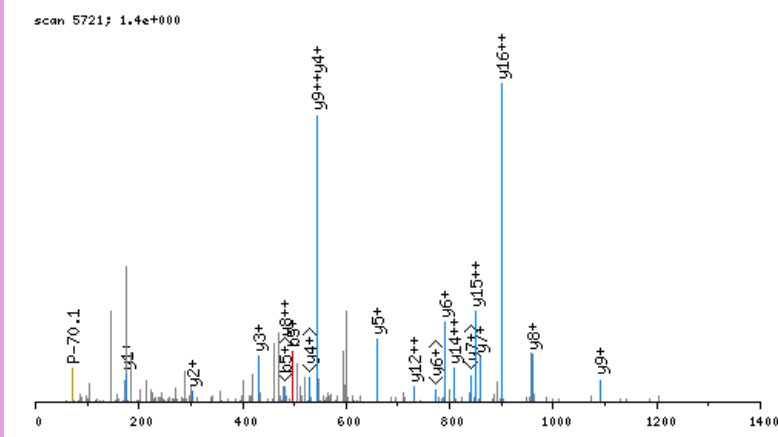
y + 2+ 3+

z + 2+ 3+

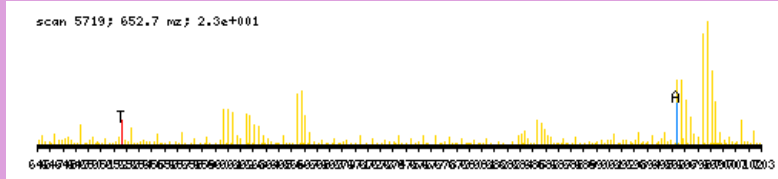
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1798.9551	899.9815
342.1301	3	S 15	1701.9023	851.4551
399.1516	4	G 14	1614.8703	807.9391
498.2200	5	V 13	1557.8488	779.4283
654.3463	6	K 12	1458.7804	729.8941
753.4147	7	V 11	1302.6541	651.8310
866.4988	8	L 10	1203.5857	602.2968
995.5414	9	E 9	1090.5017	545.7547
1096.5891	10	T 8	961.4591	481.2334
1167.6262	11	A 7	860.4114	430.7096
1296.6688	12	E 6	789.3743	395.1910
1411.6957	13	D 5	660.3317	330.6698
1524.7798	14	I 4	545.3047	273.1563
1652.8384	15	Q 3	432.2207	216.6142
1781.8809	16	E 2	304.1621	152.5850
	17	R 1	175.1195	88.0637

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

DPSWATQESEAVAQKVLRL, MH+ 2086.0457, m/z 696.0201
 L OSG36 P180811 230811-s1.06286.06286.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

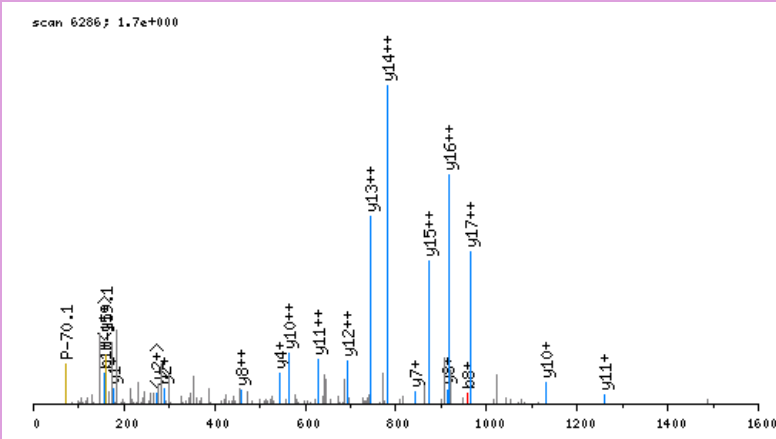
y + 2+ 3+

z + 2+ 3+

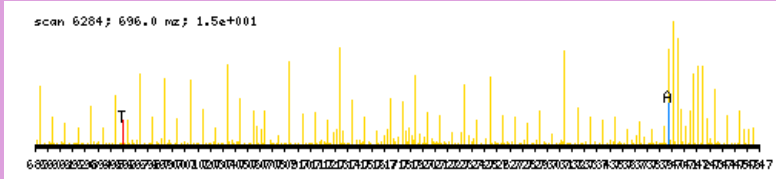
hide H₂O/NH₃

zoom 112-122

GO



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

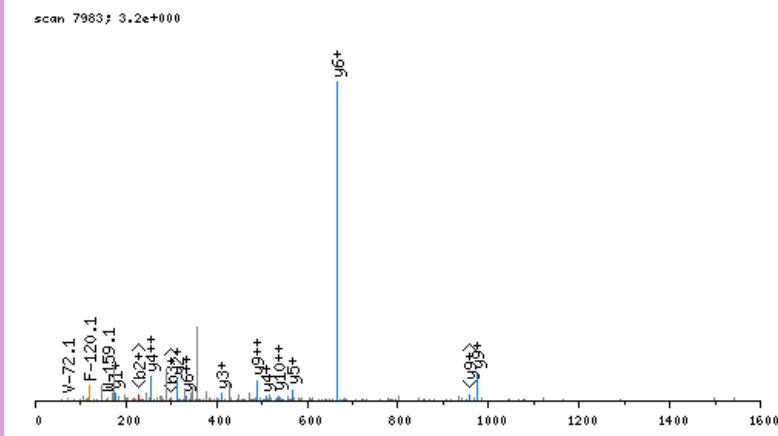


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

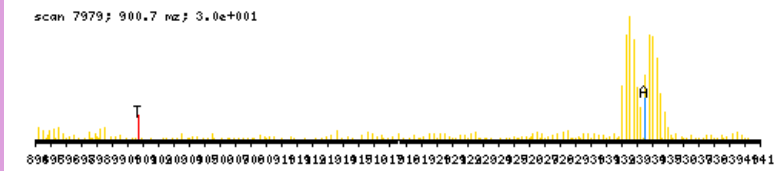
b ⁺	#	AA #	y ⁺	y ²⁺
158.0453	1	D 18		
255.0981	2	P 17	1929.0082	965.0080
342.1301	3	S 16	1831.9554	916.4816
528.2094	4	W 15	1744.9234	872.9656
599.2466	5	A 14	1558.8441	779.9260
700.2942	6	T 13	1487.8070	744.4074
828.3528	7	Q 12	1386.7593	693.8836
957.3954	8	E 11	1258.7007	629.8543
1044.4274	9	S 10	1129.6581	565.3330
1173.4700	10	E 9	1042.6261	521.8170
1244.5071	11	A 8	913.5835	457.2957
1343.5756	12	V 7	842.5464	421.7771
1414.6127	13	A 6	743.4780	372.2429
1543.6553	14	E 5	672.4409	336.7243
1699.7816	15	K 4	543.3983	272.2031
1798.8500	16	V 3	387.2720	194.1399
1911.9340	17	L 2	288.2036	144.6057
	18	R 1	175.1195	88.0637

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

DSASQDINLNSPNKGVLSDFMTDVPVDPGVVHR, MH+ 3599.7864, m/z 900.7021
L OSG38 P180811 230811-s1.07983.07983.4.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⁺
158.0453	1	D 33		
245.0774	2	S 32	3442.7489	1721.8784
316.1145	3	A 31	3355.7169	1678.3624
403.1465	4	S 30	3284.6798	1642.8438
531.2051	5	Q 29	3197.6478	1599.3278
646.2320	6	D 28	3069.5892	1535.2985
759.3161	7	I 27	2954.5622	1477.7850
873.3590	8	N 26	2841.4782	1421.2430
986.4431	9	L 25	2727.4352	1364.2215
1100.4860	10	N 24	2614.3512	1307.6795
1187.5180	11	S 23	2500.3083	1250.6580
1284.5708	12	P 22	2413.2762	1207.1420
1398.6137	13	N 21	2316.2235	1158.6156
1560.7718	14	K 20	2202.1805	1101.5942
1617.7933	15	G 19	2040.0224	1020.5151
1716.8617	16	V 18	1983.0010	992.0044
1829.9458	17	L 17	1883.9326	942.4702
1916.9778	18	S 16	1770.8485	885.9282
2032.0048	19	D 15	1683.8165	842.4121
2179.0732	20	F 14	1568.7895	784.8987
2310.1136	21	M 13	1421.7211	711.3645
2411.1613	22	T 12	1290.6806	645.8442
2526.1883	23	D 11	1189.6329	595.3204
2625.2567	24	V 10	1074.6060	537.8069
2722.3094	25	P 9	975.5376	488.2727
2821.3779	26	V 8	878.4848	439.7463
2936.4048	27	D 7	779.4164	390.2121
3033.4576	28	P 6	664.3895	332.6986
3090.4790	29	G 5	567.3367	284.1723
3189.5474	30	V 4	510.3152	255.6615
3288.6159	31	V 3	411.2468	206.1273
3425.6748	32	H 2	312.1784	156.5931
	33	R 1	175.1195	88.0637

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

DSEAFQHAR, MH+ 1102.4918, m/z 551.7495
 L OSG38 P180811 230811-s1.04098.04098.2.dta

scan 4098; 1.2e+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+

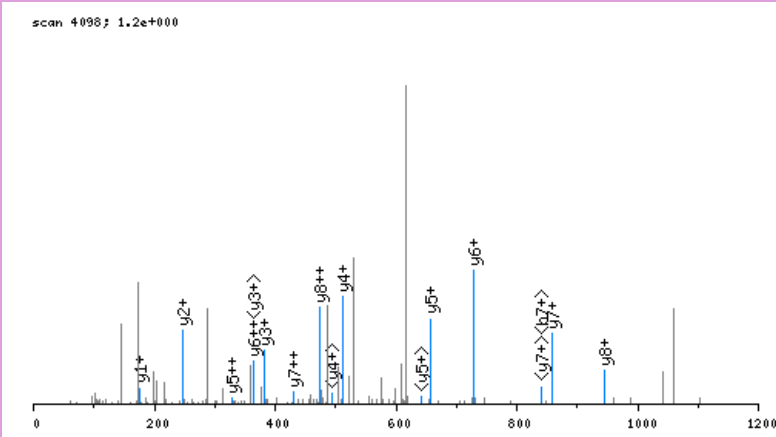
y + 2+ 3+

z + 2+ 3+

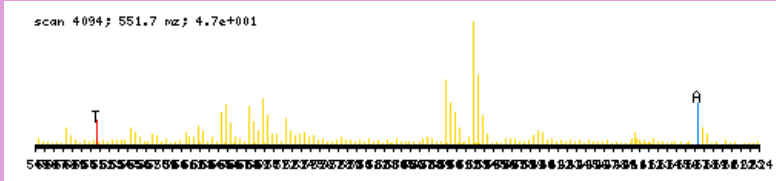
hide H₂O/NH₃

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⁺
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

DSSAVITQISKEEAR, MH+ 1703.8816, m/z 568.6321
 L OSG37 P180811 230811-s1.07305.07305.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

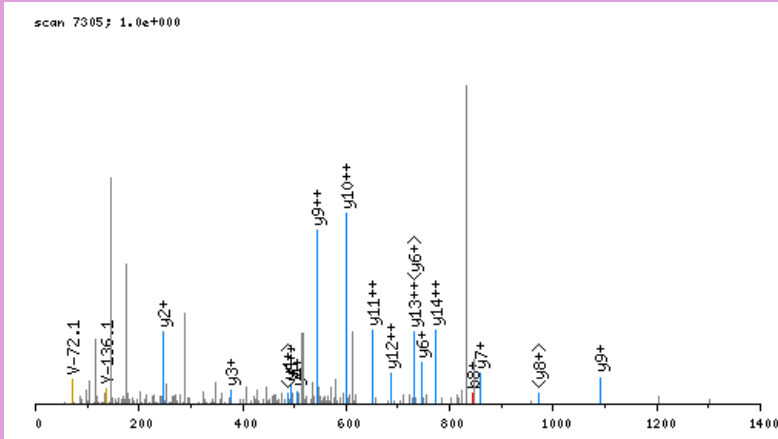
y + 2+ 3+

z + 2+ 3+

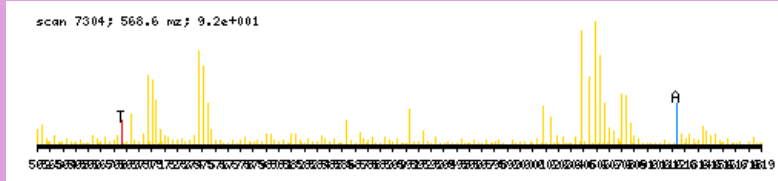
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
158.0453	1	D	15	
245.0774	2	S	14	1546.8441
332.1094	3	S	13	1459.8121
403.1465	4	A	12	1372.7800
502.2149	5	V	11	1301.7429
615.2990	6	I	10	1202.6745
716.3467	7	T	9	1089.5904
844.4052	8	Q	8	988.5428
957.4893	9	I	7	860.4842
1044.5213	10	S	6	747.4001
1200.6476	11	K	5	660.3681
1329.6902	12	E	4	504.2418
1458.7328	13	E	3	375.1992
1529.7699	14	A	2	246.1566
	15	R	1	175.1195

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

DVSGQETDWR, MH+ 1234.5340, m/z 617.7707
 L OSG41 P180811 230811-s1.05108.05108.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

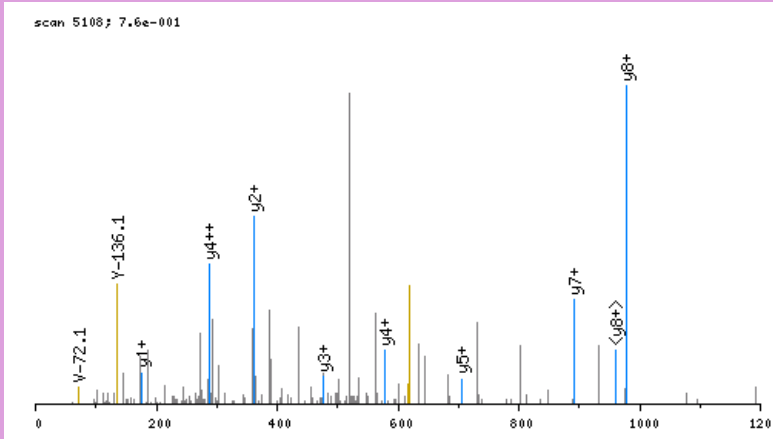
y + 2+ 3+

z + 2+ 3+

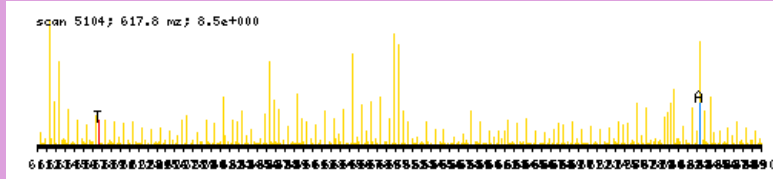
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	539.2522
344.1458	3	S 8	978.4281	489.7180
401.1672	4	G 7	891.3961	446.2019
529.2258	5	Q 6	834.3746	417.6912
658.2684	6	E 5	706.3160	353.6619
759.3161	7	T 4	577.2734	289.1406
874.3430	8	D 3	476.2258	238.6168
1060.4224	9	W 2	361.1988	181.1033
	10	R 1	175.1195	88.0637

N-term:+43.02

DWLMGKSK, MH+ 1074.6295, m/z 537.8184
 L OSG37 P180811 230811-s1.08227.08227.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

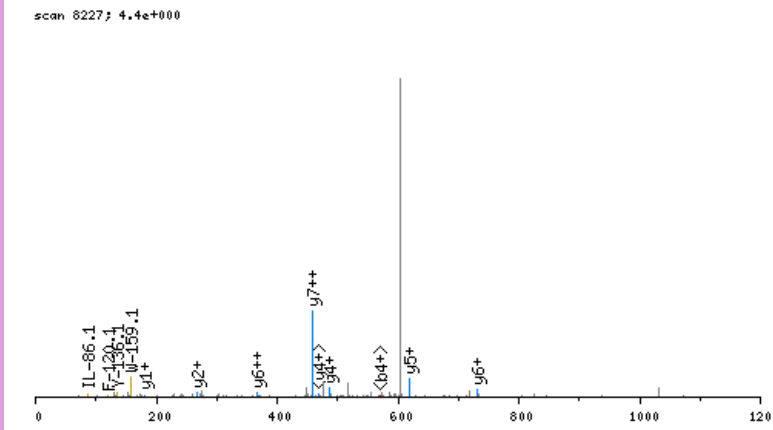
y + 2+ 3+

z + 2+ 3+

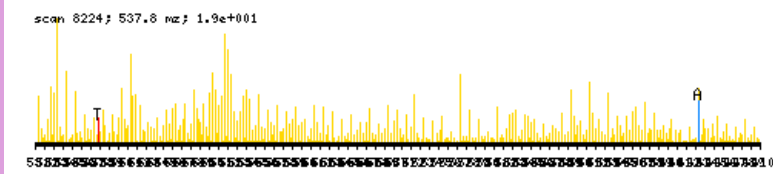
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	917.5919
457.2087	3	L	6	731.5126
588.2492	4	M	5	618.4286
645.2707	5	G	4	487.3881
807.4288	6	K	3	430.3666
894.4608	7	S	2	268.2085
	8	K	1	181.1765

N-term:+43.02 K(6):+162.16
 K(8):+162.16

DYLTFFTGKSGR, MH+ 1421.7489, m/z 711.3781
 L OSG37 P180811 230811-s1.08402.08402.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

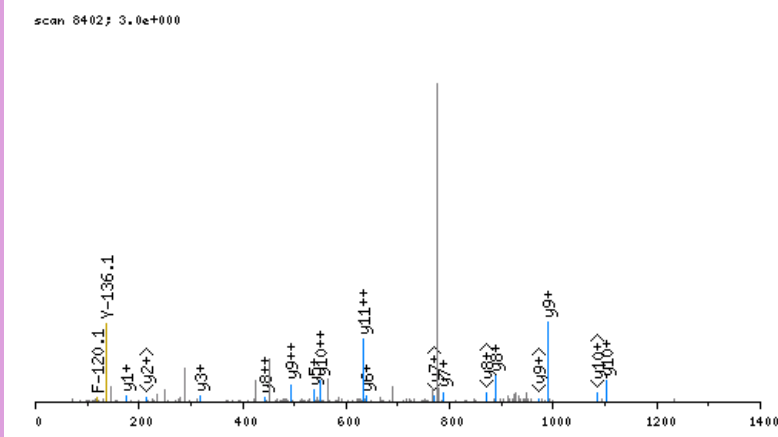
y + 2+ 3+

z + 2+ 3+

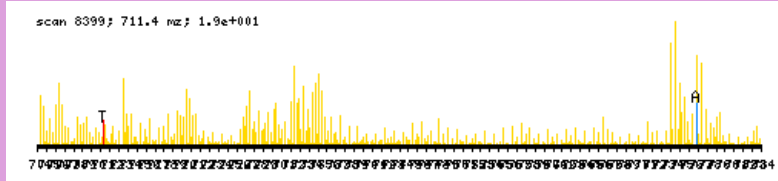
hide H₂O/NH₃

zoom 112-122

GO



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

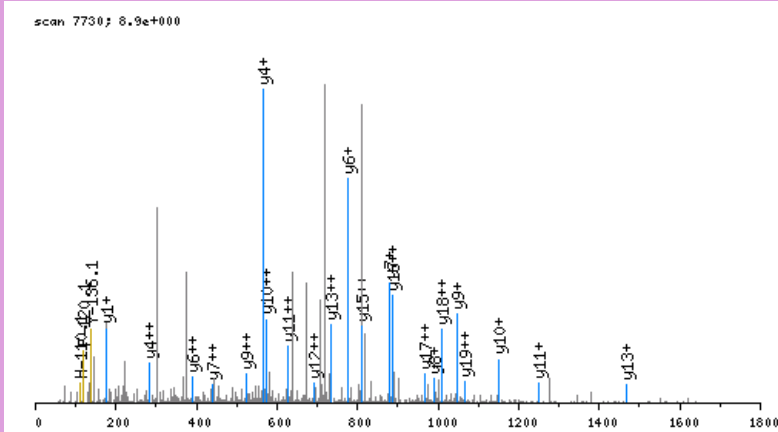


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

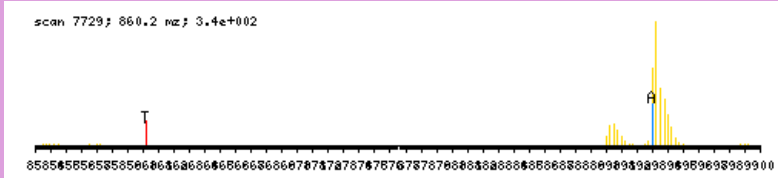
b ⁺	#	AA #	y ⁺	y ²⁺
158.0453	1	D 12		
321.1087	2	Y 11	1264.7114	632.8596
434.1927	3	L 10	1101.6481	551.3279
535.2404	4	T 9	988.5640	494.7859
636.2881	5	T 8	887.5163	444.2621
783.3565	6	F 7	786.4686	393.7382
884.4042	7	T 6	639.4002	320.2040
941.4256	8	G 5	538.3526	269.6802
1103.5837	9	K 4	481.3311	241.1695
1190.6158	10	S 3	319.1730	160.0904
1247.6372	11	G 2	232.1410	116.5744
	12	R 1	175.1195	88.0637

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

EAHHSKSTEECLSYFGVSETTGLTPDQVKR, MH+ 3437.7171, m/z 860.1847
 L OSG40 P180811 230811-sl.07730.07730.4.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⁺
172.0610	1	E	30		
243.0981	2	A	29	3266.6640	1633.8359
314.1352	3	A	28	3195.6268	1598.3173
451.1941	4	H	27	3124.5897	1562.7988
538.2262	5	S	26	2987.5308	1494.2693
700.3843	6	K	25	2900.4988	1450.7533
787.4163	7	S	24	2738.3407	1369.6743
888.4640	8	T	23	2651.3087	1326.1582
1017.5066	9	E	22	2550.2610	1275.6344
1146.5492	10	E	21	2421.2184	1211.1131
1306.5798	11	C	20	2292.1758	1146.5918
1419.6638	12	L	19	2132.1452	1066.5765
1506.6958	13	S	18	2019.0611	1010.0345
1669.7592	14	Y	17	1932.0291	966.5185
1816.8276	15	F	16	1768.9658	884.9868
1873.8491	16	G	15	1621.8974	811.4526
1972.9175	17	V	14	1564.8759	782.9419
2059.9495	18	S	13	1465.8075	733.4077
2188.9921	19	E	12	1378.7755	689.8916
2290.0398	20	T	11	1249.7329	625.3703
2391.0874	21	T	10	1148.6852	574.8465
2448.1089	22	G	9	1047.6375	524.3227
2561.1930	23	L	8	990.6160	495.8119
2662.2407	24	T	7	877.5320	439.2699
2759.2934	25	P	6	776.4843	388.7461
2874.3204	26	D	5	679.4315	340.2197
3002.3789	27	Q	4	564.4046	282.7062
3101.4474	28	V	3	436.3460	218.6769
3263.6055	29	K	2	337.2776	169.1427
	30	R	1	175.1195	88.0637

N-term:+43.02 K(6):+162.16
 C(11):+160.03 K(29):+162.16

EAALADGEPDR, MH+ 1185.5388, m/z 593.2730
 L OSG41 P180811 230811-s1.05033.05033.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

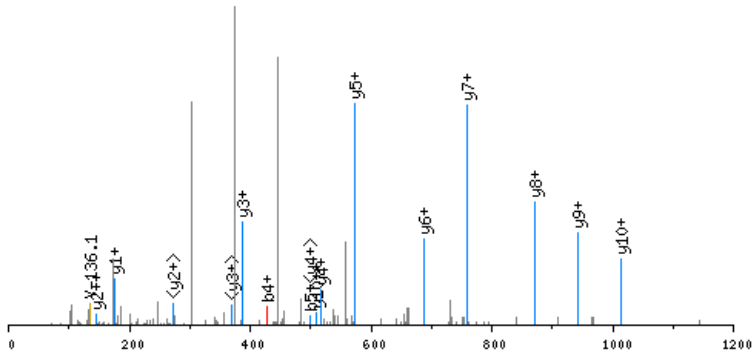
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

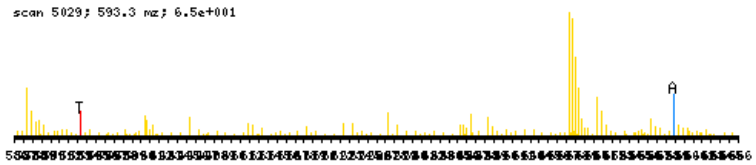
GO

scan 5033; 9.2e-001



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

scan 5029; 593.3 m/z; 6.5e+001



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	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

EAANCSLR, MH+ 962.4365, m/z 481.7219
 L OSG41 P180811 230811-s1.03631.03631.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

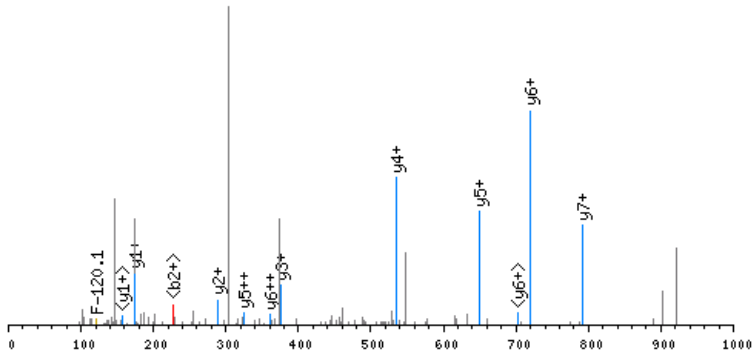
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

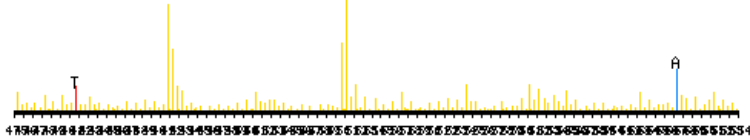
GO

scan 3631; 1.1e+000



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

scan 3629; 481.7 m/z; 3.2e+001



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	791.3833	396.1956
314.1352	3	A 6	720.3462	360.6770
428.1781	4	N 5	649.3091	325.1585
588.2087	5	C 4	535.2662	268.1370
675.2408	6	S 3	375.2356	188.1217
788.3248	7	L 2	288.2036	144.6057
	8	R 1	175.1195	88.0637

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

EAGGLGCAVCVLTGASR, MH+ 1719.8157, m/z 573.9434
 L OSG41 P180811 230811-s1.07380.07380.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

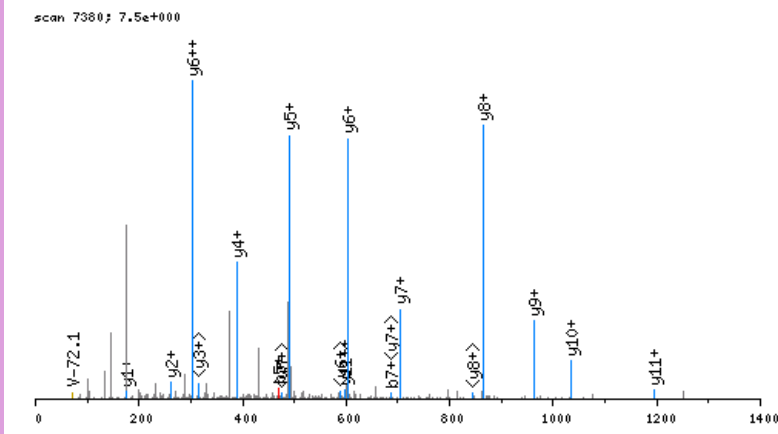
y + 2+ 3+

z + 2+ 3+

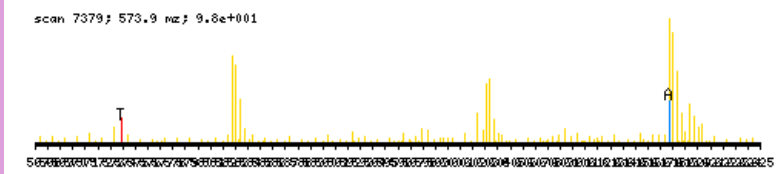
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	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

EAHPETKQR, MH+ 1171.6284, m/z 586.3178
 L OSG39 P180811 230811-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+

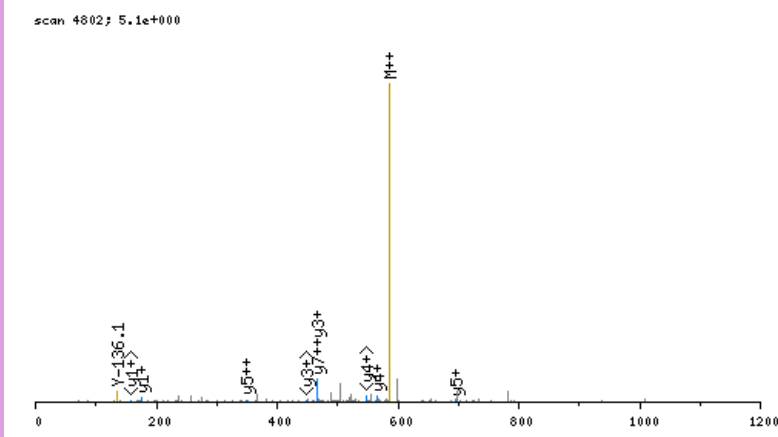
y + 2+ 3+

z + 2+ 3+

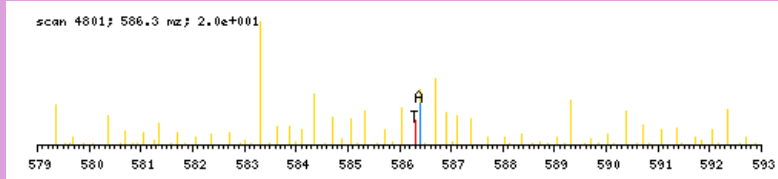
hide H₂O/NH₃

zoom 112-122

GO



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



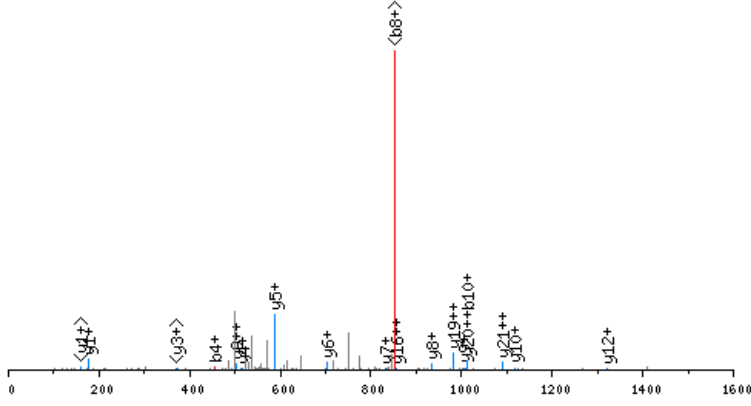
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 9		
243.0981	2	A 8	1000.5752	500.7915
380.1570	3	H 7	929.5381	465.2730
477.2098	4	P 6	792.4792	396.7435
606.2524	5	E 5	695.4264	348.2171
707.3001	6	T 4	566.3839	283.6958
869.4582	7	K 3	465.3362	233.1720
997.5167	8	Q 2	303.1781	152.0930
	9	R 1	175.1195	88.0637

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

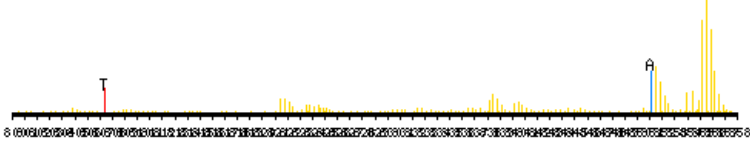
EAKGGTVKAASGFNATEDAQTLLR, MH+ 2420.2422, m/z 807.4189
 L OSG39 P180811 230811-s1.04413.04413.3.cta

scan 4413; 7.2e+000



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

scan 4411; 807.4 Hz; 6.0e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
172.0610	1	E	23		
243.0981	2	A	22	2249.1891	1125.0984
399.2244	3	K	21	2178.1519	1089.5799
456.2459	4	G	20	2022.0256	1011.5167
513.2673	5	G	19	1965.0042	983.0060
614.3150	6	T	18	1907.9827	954.4953
713.3834	7	V	17	1806.9350	903.9714
869.5097	8	K	16	1707.8666	854.4372
940.5468	9	A	15	1551.7403	776.3741
1011.5840	10	A	14	1480.7032	740.8555
1098.6160	11	S	13	1409.6661	705.3370
1155.6374	12	G	12	1322.6341	661.8209
1302.7059	13	F	11	1265.6126	633.3102
1416.7488	14	N	10	1118.5442	559.7760
1487.7859	15	A	9	1004.5013	502.7545
1588.8336	16	T	8	933.4641	467.2360
1717.8762	17	E	7	832.4165	416.7121
1832.9031	18	D	6	703.3739	352.1909
1903.9402	19	A	5	588.3469	294.6774
2031.9988	20	Q	4	517.3098	259.1588
2133.0465	21	T	3	389.2512	195.1295
2246.1306	22	L	2	288.2036	144.6057
	23	R	1	175.1195	88.0637

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

EANHLLQLNGLPAVR, MH+ 1686.9291, m/z 562.9812
 L OSG37 P180811 230811-s1.07593.07593.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

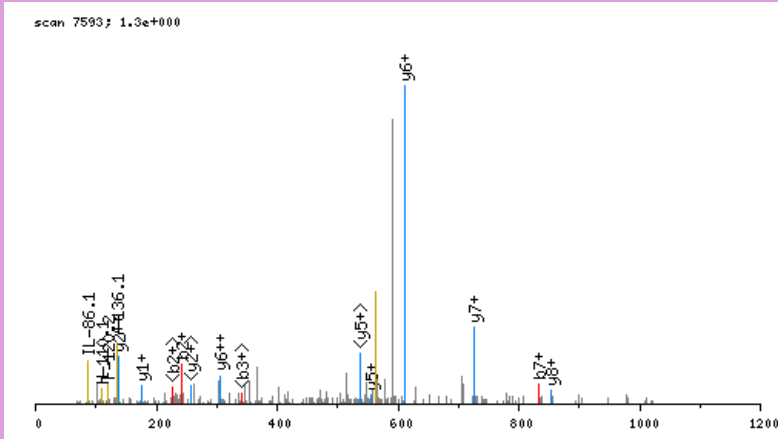
y + 2+ 3+

z + 2+ 3+

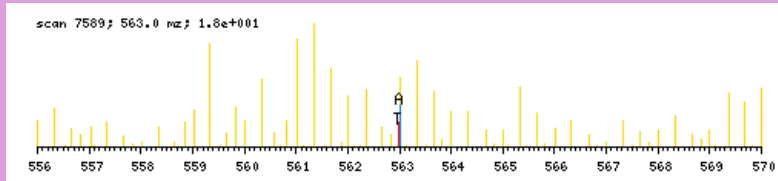
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 15		
243.0981	2	A 14	1515.8760	758.4419
357.1410	3	N 13	1444.8389	722.9233
494.1999	4	H 12	1330.7959	665.9019
607.2840	5	L 11	1193.7370	597.3724
720.3681	6	L 10	1080.6530	540.8304
833.4521	7	L 9	967.5689	484.2884
961.5107	8	Q 8	854.4848	427.7463
1075.5536	9	N 7	726.4262	363.7170
1132.5751	10	G 6	612.3833	306.6956
1245.6592	11	L 5	555.3619	278.1848
1342.7119	12	P 4	442.2778	221.6428
1413.7490	13	A 3	345.2250	173.1164
1512.8175	14	V 2	274.1879	137.5979
	15	R 1	175.1195	88.0637

N-term:+43.02

EAPELGPGLVER, MH+ 1308.6800, m/z 654.8436
 L OSG41 P180811 230811-s1.06606.06606.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

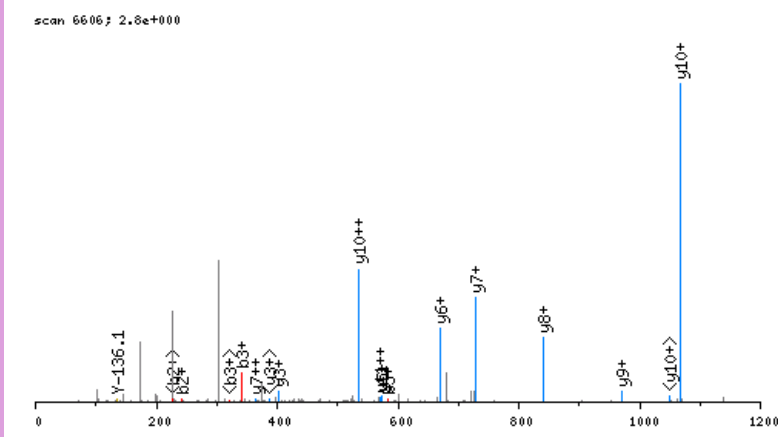
y + 2+ 3+

z + 2+ 3+

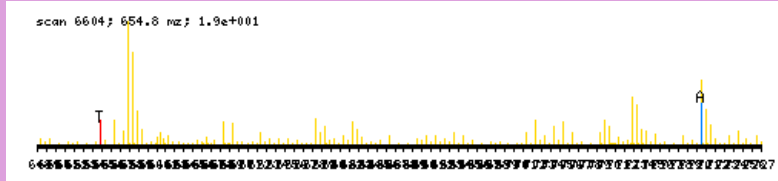
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG41 P180811 230811-s1.07358.07358.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

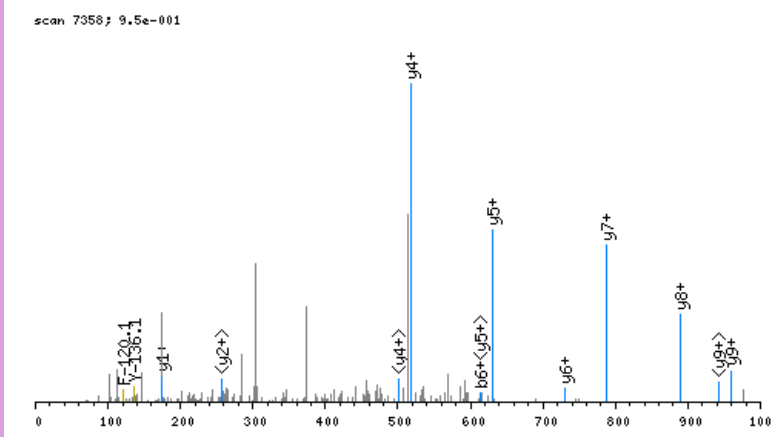
y + 2+ 3+

z + 2+ 3+

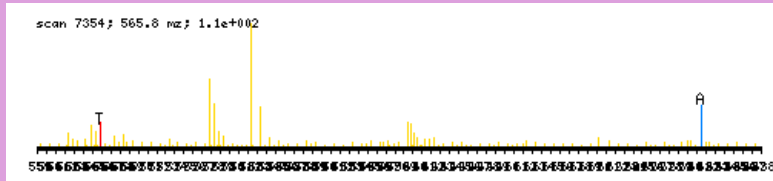
hide H₂O/NH₃

zoom 112-122

GO



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



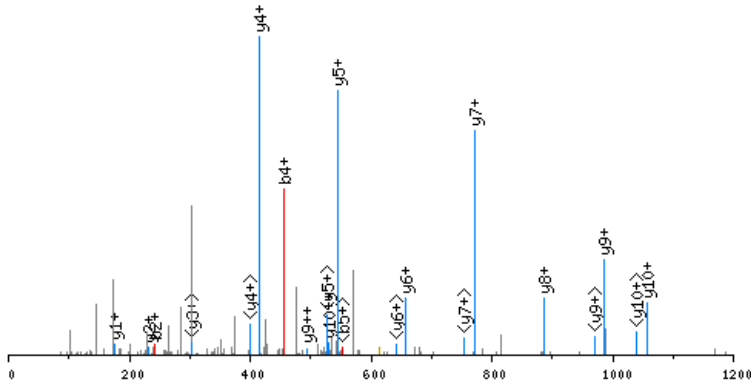
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
172.0610	1	E	10		
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

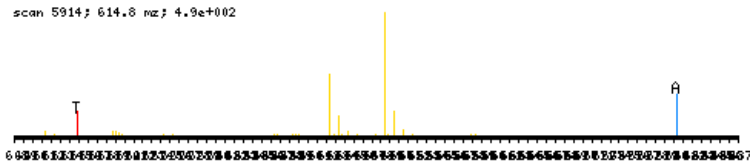
EATLNLEPSGR, MH+ 1228.6174, m/z 614.8123
 L OSG41 P180811 230811-s1.05917.05917.2.dta

scan 5917; 1.2e+000



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

scan 5914; 614.8 m/z; 4.9e+002



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
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

EDEMPKTLVYVGNLSR, MH+ 1821.9057, m/z 607.9734
 L OSG37 P180811 230811-s1.07632.07632.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

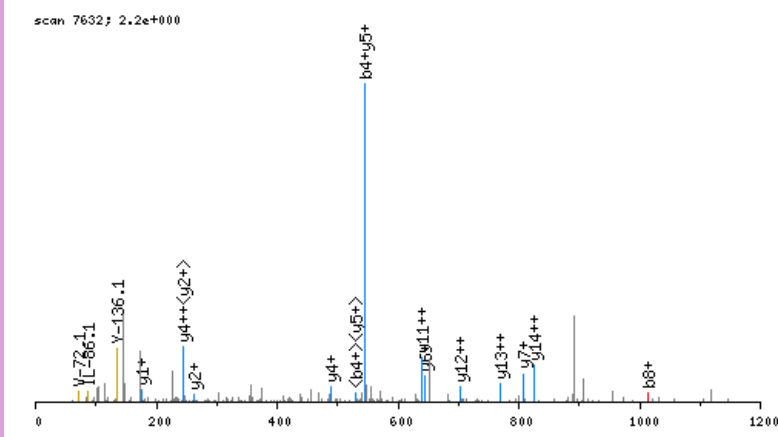
y + 2+ 3+

z + 2+ 3+

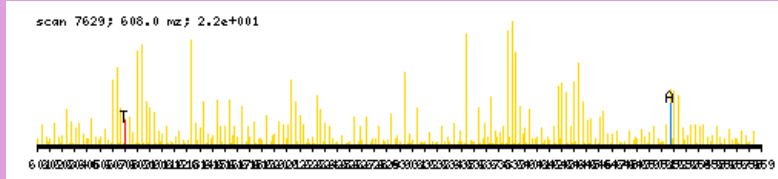
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
287.0879	2	D 14	1650.8526	825.9302
416.1305	3	E 13	1535.8256	768.4167
547.1710	4	M 12	1406.7830	703.8954
644.2238	5	P 11	1275.7425	638.3752
800.3501	6	K 10	1178.6898	589.8488
901.3978	7	T 9	1022.5635	511.7856
1014.4818	8	L 8	921.5158	461.2618
1177.5451	9	Y 7	808.4317	404.7198
1276.6136	10	V 6	645.3684	323.1881
1333.6350	11	G 5	546.3000	273.6539
1447.6780	12	N 4	489.2785	245.1432
1560.7620	13	L 3	375.2356	188.1217
1647.7940	14	S 2	262.1515	131.5797
	15	R 1	175.1195	88.0637

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

EDIMQLPKAR, MH+ 1270.6830, m/z 635.8451
 L OSG37 P180811 230811-s1.07498.07498.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

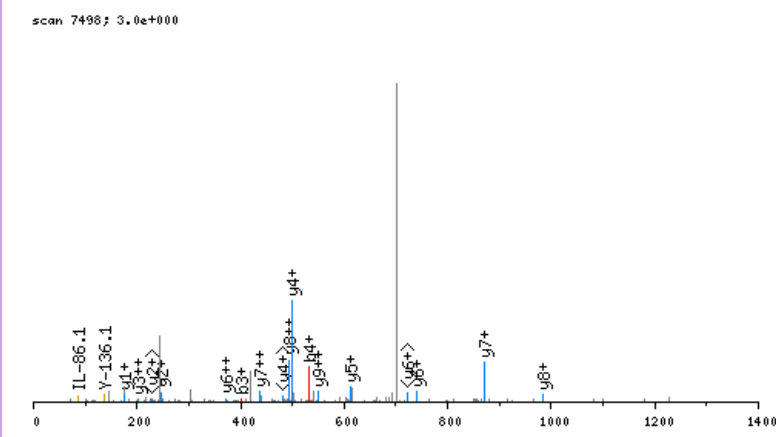
y + 2+ 3+

z + 2+ 3+

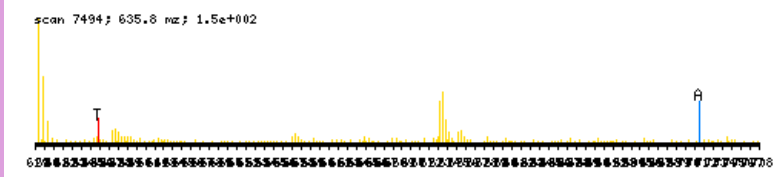
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

EDKPLVSK, MH+ 1112.6568, m/z 556.8320
 L OSG37 P180811 230811-s1.04376.04376.2.dta

scan 4376; 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+

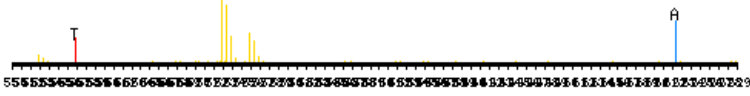
hide H₂O/NH₃

zoom 112-122

GO

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

scan 4374; 556.8 mz; 1.3e+003



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
443.2142	3	K	7	826.5767
540.2670	4	P	6	670.4504
653.3511	5	L	5	573.3976
752.4195	6	V	4	460.3135
851.4879	7	V	3	361.2451
938.5199	8	S	2	262.1767
	9	K	1	175.1447

N-term:+43.02 K(3):+156.13
 K(9):+156.13

EDMIELATGRR, MH+ 1332.6582, m/z 444.8909
 L OSG38 P180811 230811-s1.02451.02451.3.dta

scan 2451; 4.9e+000

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

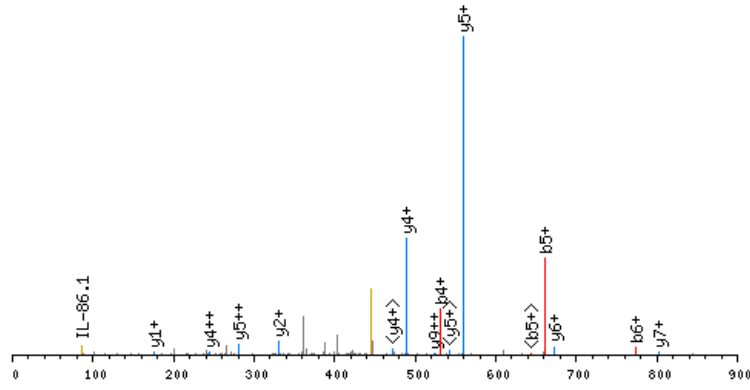
y + 2+ 3+

z + 2+ 3+

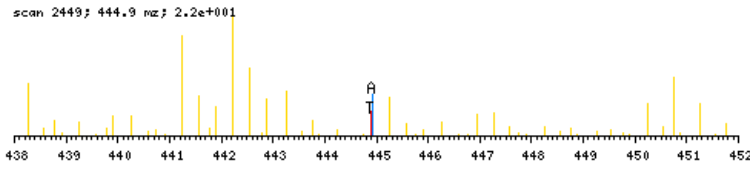
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
287.0879	2	D 10	1161.6050	581.3064
418.1284	3	M 9	1046.5781	523.7929
531.2125	4	I 8	915.5376	458.2727
660.2551	5	E 7	802.4535	401.7307
773.3391	6	L 6	673.4109	337.2094
844.3763	7	A 5	560.3269	280.6673
945.4239	8	T 4	489.2898	245.1488
1002.4454	9	G 3	388.2421	194.6250
1158.5465	10	R 2	331.2206	166.1142
	11	R 1	175.1195	88.0637

N-term:+43.02

EDPGEDTSIHR, MH+ 1297.5661, m/z 649.2867
 L OSG37 P180811 230811-s1.03536.03536.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

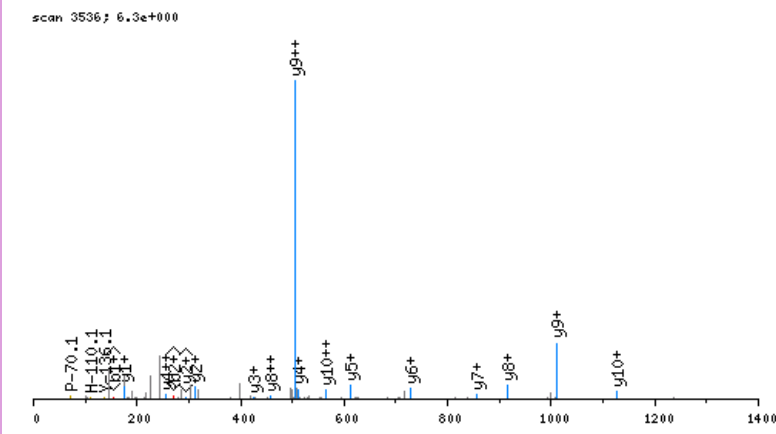
y + 2+ 3+

z + 2+ 3+

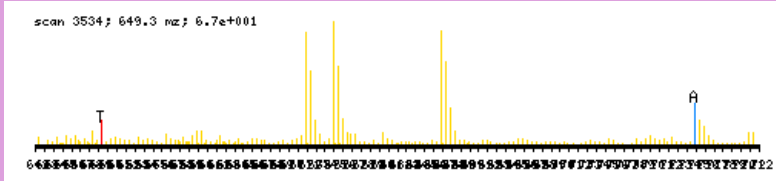
hide H₂O/NH₃

zoom 112-122

GO



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



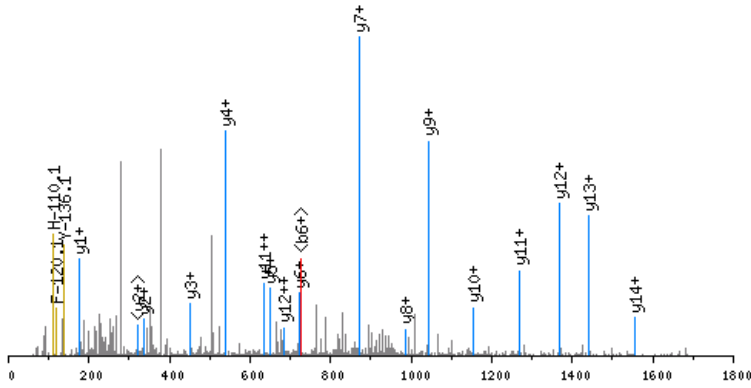
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
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

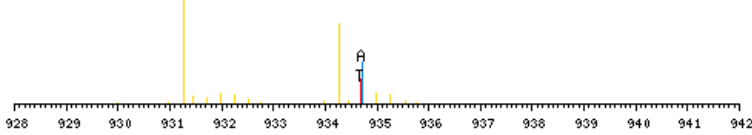
EDVQETDTSQKDKSPASHEIATNLGDFAIISLYR, MH+ 3735.7626, m/z 934.6961
L OSG39 P180811 230811-s1.07677.07677.4.dta

scan 7677; 2.3e+001



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

scan 7676; 934.7 m/z; 2.2e+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⁺
172.0610	1	E	33		
287.0879	2	D	32	3564.7095	1782.8586
386.1564	3	V	31	3449.6825	1725.3452
514.2149	4	Q	30	3350.6141	1675.8110
643.2575	5	E	29	3222.5555	1611.7817
744.3052	6	T	28	3093.5129	1547.2604
859.3321	7	D	27	2992.4653	1496.7365
960.3798	8	T	26	2877.4383	1439.2231
1047.4118	9	S	25	2776.3906	1388.6992
1175.4704	10	Q	24	2689.3586	1345.1832
1331.5967	11	K	23	2561.3000	1281.1539
1446.6237	12	D	22	2405.1737	1203.0908
1574.6822	13	Q	21	2290.1468	1145.5773
1661.7143	14	S	20	2162.0882	1081.5480
1758.7670	15	P	19	2075.0562	1038.0320
1829.8042	16	A	18	1978.0034	989.5056
1916.8362	17	S	17	1906.9663	953.9871
2053.8951	18	H	16	1819.9343	910.4710
2182.9377	19	E	15	1682.8754	841.9416
2296.0218	20	I	14	1553.8328	777.4203
2367.0589	21	A	13	1440.7487	720.8783
2468.1065	22	T	12	1369.7116	685.3597
2582.1495	23	N	11	1268.6639	634.8359
2695.2335	24	L	10	1154.6210	577.8144
2752.2550	25	G	9	1041.5369	521.2724
2867.2819	26	D	8	984.5155	492.7616
3014.3504	27	F	7	869.4885	435.2482
3085.3875	28	A	6	722.4201	361.7140
3198.4715	29	I	5	651.3830	326.1954
3285.5036	30	S	4	538.2989	269.6534
3398.5876	31	L	3	451.2669	226.1374
3561.6510	32	Y	2	338.1828	169.5953
	33	R	1	175.1195	88.0637

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

EDVTLHIVER, MH+ 1252.6538, m/z 626.8305
 L OSG37 P180811 230811-s1.07387.07387.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

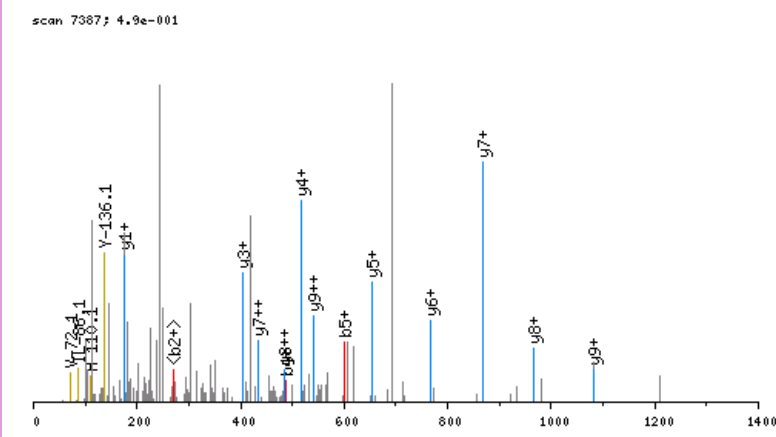
y + 2+ 3+

z + 2+ 3+

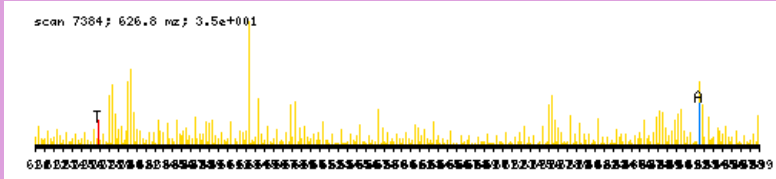
hide H₂O/NH₃

zoom 112-122

GO



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



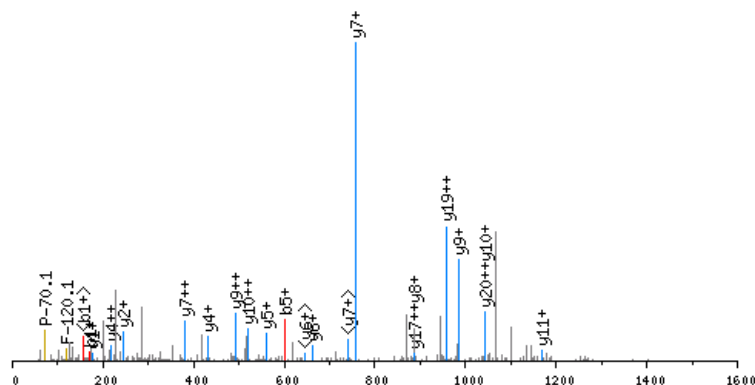
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 10		
287.0879	2	D 9	1081.6006	541.3042
386.1564	3	V 8	966.5736	483.7907
487.2040	4	T 7	867.5052	434.2565
600.2881	5	L 6	766.4575	383.7327
737.3470	6	H 5	653.3735	327.1907
850.4311	7	I 4	516.3146	258.6612
949.4995	8	V 3	403.2305	202.1192
1078.5421	9	E 2	304.1621	152.5850
	10	R 1	175.1195	88.0637

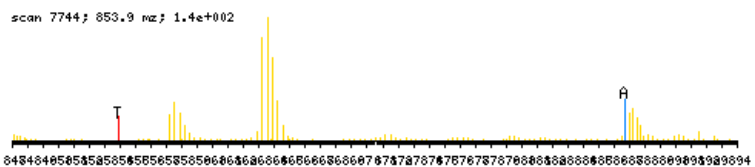
N-term:+43.02

EDVTLHIVERPYSGFDPASSEGEPTQGEAR, MH+ 3412.5933, m/z 853.9038
L OSG38 P180811 230811-s1.07747.07747.4.dta

scan 7747; 2.6e+000



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
172.0610	1	E	31		
287.0879	2	D	30	3241.5402	1621.2740
386.1564	3	V	29	3126.5132	1563.7605
487.2040	4	T	28	3027.4448	1514.2263
600.2881	5	L	27	2926.3971	1463.7025
737.3470	6	H	26	2813.3131	1407.1605
850.4311	7	I	25	2676.2542	1338.6310
949.4995	8	V	24	2563.1701	1282.0890
1078.5421	9	E	23	2464.1017	1232.5548
1234.6432	10	R	22	2335.0591	1168.0335
1331.6960	11	P	21	2178.9580	1089.9829
1494.7593	12	Y	20	2081.9052	1041.4565
1581.7913	13	S	19	1918.8419	959.9249
1638.8128	14	G	18	1831.8099	916.4088
1785.8812	15	F	17	1774.7884	887.8981
1882.9339	16	P	16	1627.7200	814.3639
1997.9609	17	D	15	1530.6672	765.8375
2068.9980	18	A	14	1415.6403	708.3241
2156.0300	19	S	13	1344.6032	672.8055
2243.0621	20	S	12	1257.5711	629.2895
2372.1047	21	E	11	1170.5391	585.7735
2429.1261	22	G	10	1041.4965	521.2522
2526.1789	23	P	9	984.4750	492.7414
2655.2215	24	E	8	887.4223	444.2151
2752.2742	25	P	7	758.3797	379.6938
2853.3219	26	T	6	661.3269	331.1674
2981.3805	27	Q	5	560.2792	280.6435
3038.4020	28	G	4	432.2207	216.6142
3167.4446	29	E	3	375.1992	188.1035
3238.4817	30	A	2	246.1566	123.5822
	31	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

EDYLQDCR, MH+ 1140.4631, m/z 570.7352
 L OSG41 P180811 230811-s1.05521.05521.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

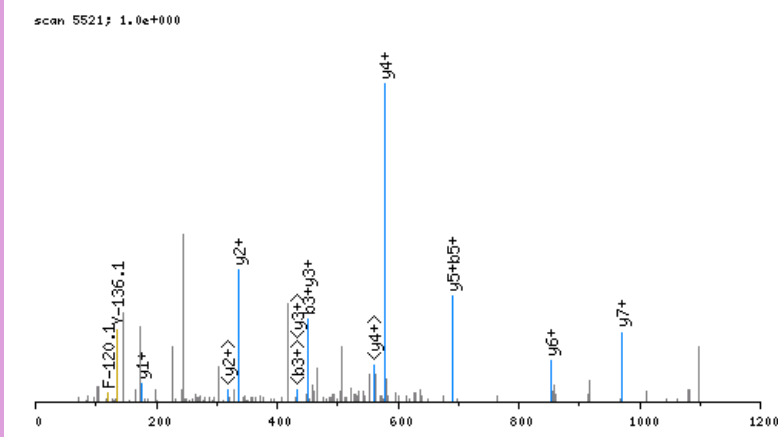
y + 2+ 3+

z + 2+ 3+

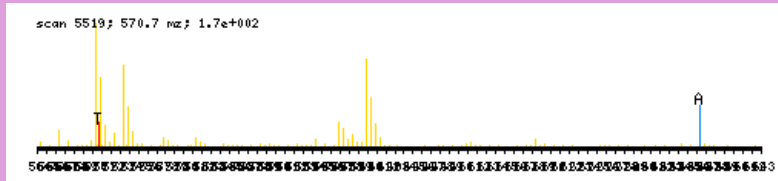
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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+ 1100.5952, m/z 550.8012
 L OSG37 P180811 230811-s1.04940.04940.2.dta

scan 4940; 6.7e+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+

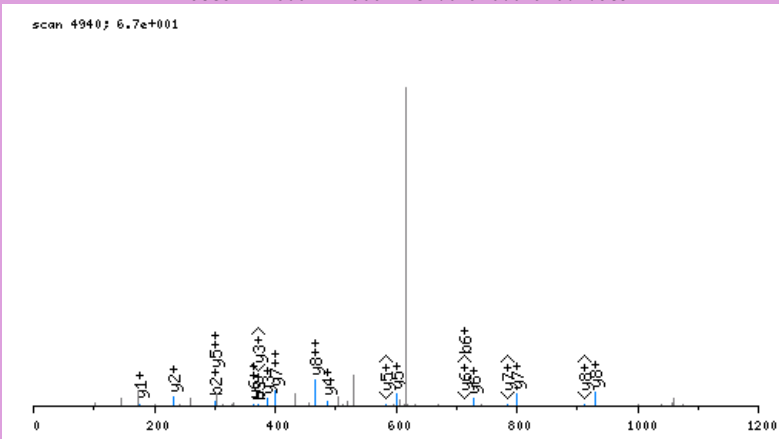
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

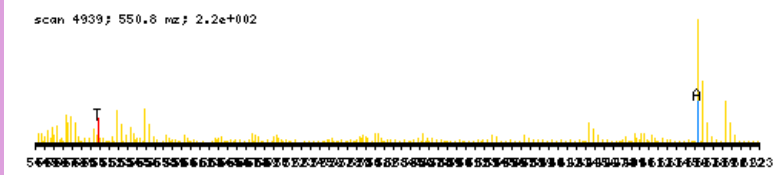
zoom 112-122

GO



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

scan 4939; 550.8 m/z; 2.2e+002



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	929.5420	465.2749
372.1407	3	A 7	800.4994	400.7536
501.1833	4	E 6	729.4623	365.2351
614.2674	5	L 5	600.4197	300.7138
713.3358	6	V 4	487.3357	244.1718
869.4621	7	K 3	388.2673	194.6375
926.4835	8	G 2	232.1410	116.5744
	9	R 1	175.1195	88.0637

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

EEAPHGCPGADSAQAGR, MH+ 1751.7407, m/z 584.5851
 L OSG37 P180811 230811-s1.03057.03057.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

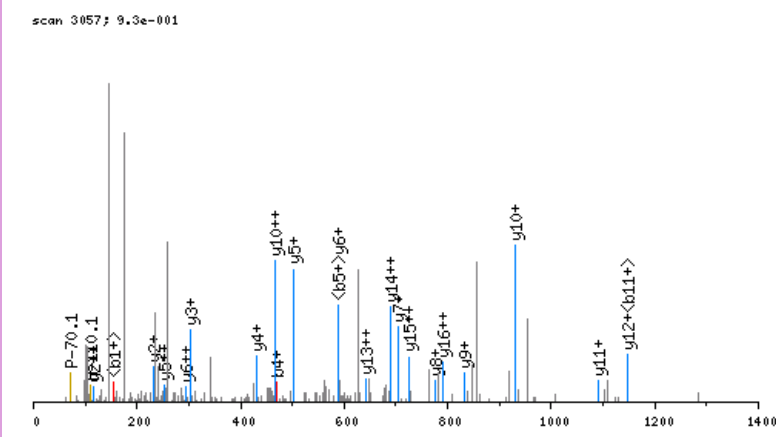
y + 2+ 3+

z + 2+ 3+

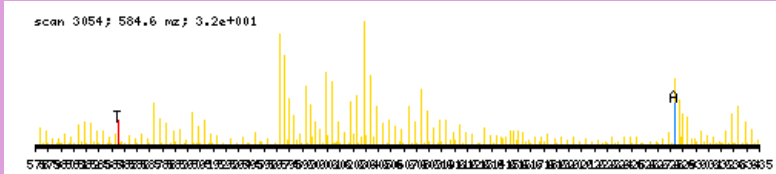
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 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
 L OSG41 P180811 230811-s1.02401.02401.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

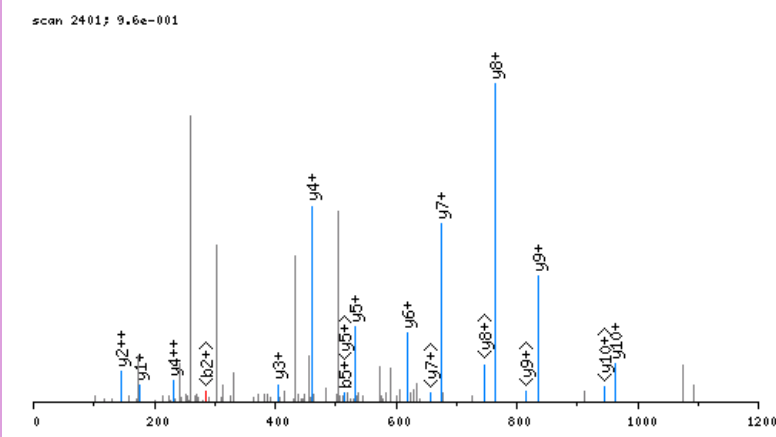
y + 2+ 3+

z + 2+ 3+

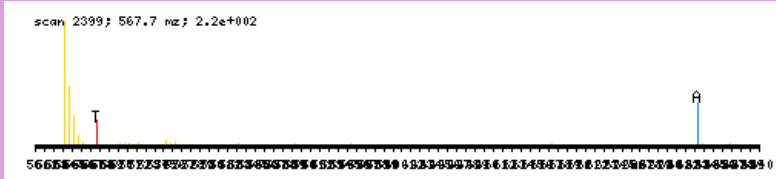
hide H₂O/NH₃

zoom 112-122

GO



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

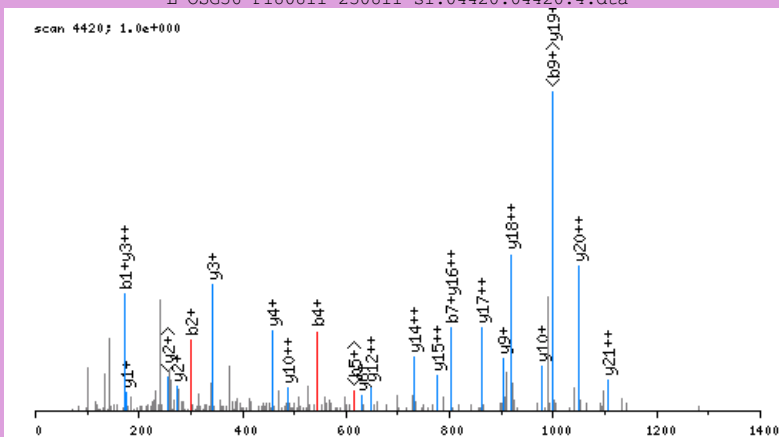


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

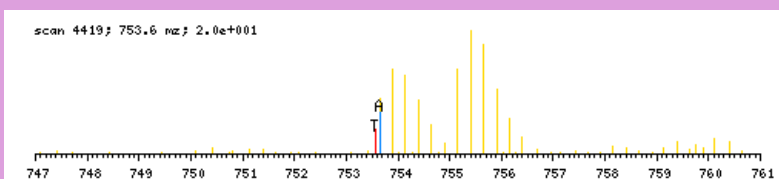
b ⁺	#	AA	#	y ⁺	y ²⁺
172.0610	1	E	11		
301.1036	2	E	10	963.4132	482.2105
372.1407	3	A	9	834.3706	417.6892
459.1727	4	S	8	763.3335	382.1706
516.1942	5	G	7	676.3014	338.6546
603.2262	6	S	6	619.2800	310.1439
674.2633	7	A	5	532.2479	266.6279
731.2848	8	G	4	461.2108	231.1093
845.3277	9	N	3	404.1894	202.5986
960.3547	10	D	2	290.1464	145.5771
	11	R	1	175.1195	88.0637

N-term:+43.02

EEEDSTALVCDNGLCKAGFAGDDAPR, MH+ 3011.2998, m/z 753.5804
L OSG36 P180811 230811-sl.04420.04420.4.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⁺
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+

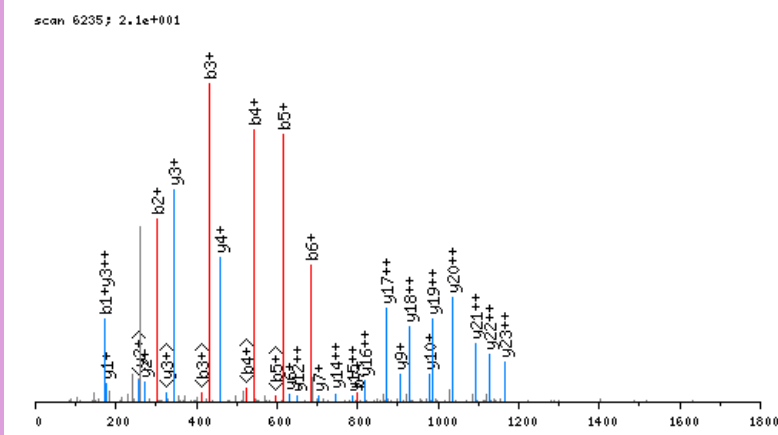
z + 2+ 3+

hide H₂O/NH₃

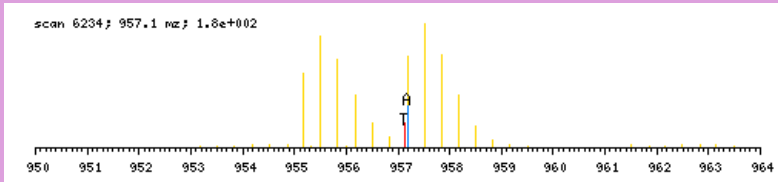
zoom 112-122

GO

EEEIAALVIDNGSGMCKAGFAGDDAPR, MH+ 2869.3560, m/z 957.1235
L OSG36 P180811 230811-s1.06235.06235.3.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⁺
172.0610	1	E 27		
301.1036	2	E 26	2698.3029	1349.6553
430.1462	3	E 25	2569.2603	1285.1340
543.2302	4	I 24	2440.2177	1220.6128
614.2674	5	A 23	2327.1336	1164.0707
685.3045	6	A 22	2256.0965	1128.5522
798.3885	7	L 21	2185.0594	1093.0336
897.4569	8	V 20	2071.9753	1036.4916
1010.5410	9	I 19	1972.9069	986.9574
1125.5680	10	D 18	1859.8228	930.4153
1239.6109	11	N 17	1744.7959	872.9019
1296.6323	12	G 16	1630.7530	815.8804
1383.6644	13	S 15	1573.7315	787.3697
1440.6858	14	G 14	1486.6995	743.8537
1571.7263	15	M 13	1429.6780	715.3429
1731.7569	16	C 12	1298.6375	649.8227
1893.9150	17	K 11	1138.6069	569.8074
1964.9521	18	A 10	976.4488	488.7283
2021.9736	19	G 9	905.4117	453.2098
2169.0420	20	F 8	848.3903	424.6990
2240.0791	21	A 7	701.3218	351.1648
2297.1006	22	G 6	630.2847	315.6463
2412.1275	23	D 5	573.2633	287.1355
2527.1545	24	D 4	458.2363	229.6221
2598.1916	25	A 3	343.2094	172.1086
2695.2444	26	P 2	272.1723	136.5900
	27	R 1	175.1195	88.0637

N-term: +43.02 C(16) : +160.03
K(17) : +162.16

EESIKEGSEKPR, MH+ 1615.8180, m/z 539.2775
 L OSG39 P180811 230811-s1.02657.02657.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

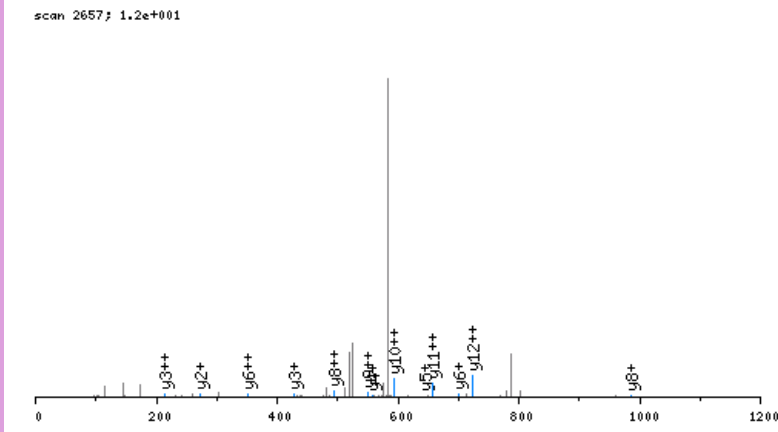
y + 2+ 3+

z + 2+ 3+

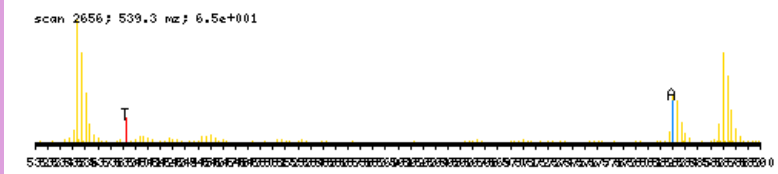
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG41 P180811 230811-s1.04786.04786.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

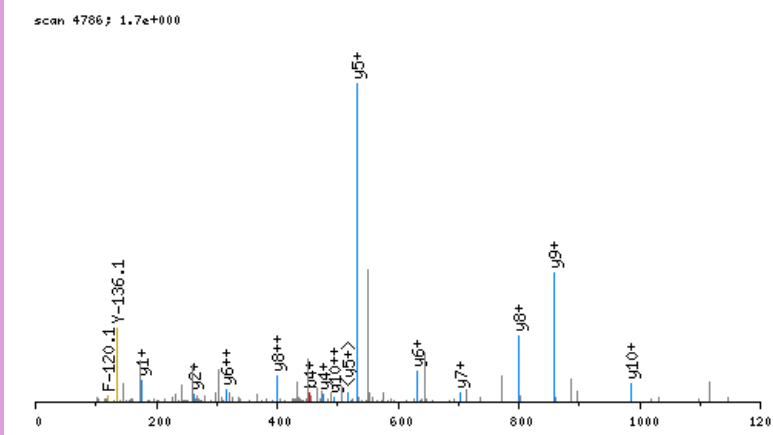
y + 2+ 3+

z + 2+ 3+

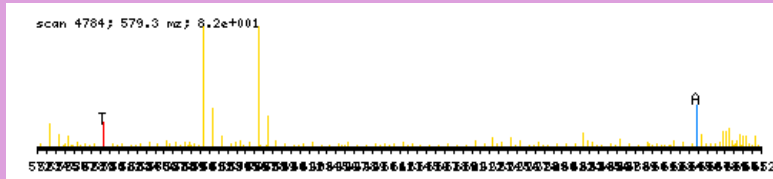
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

EELGAAASGAGGGGGGEEHGGGR, MH+ 2038.8815, m/z 680.2987
 L OSG37 P180811 230811-s1.05303.05303.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

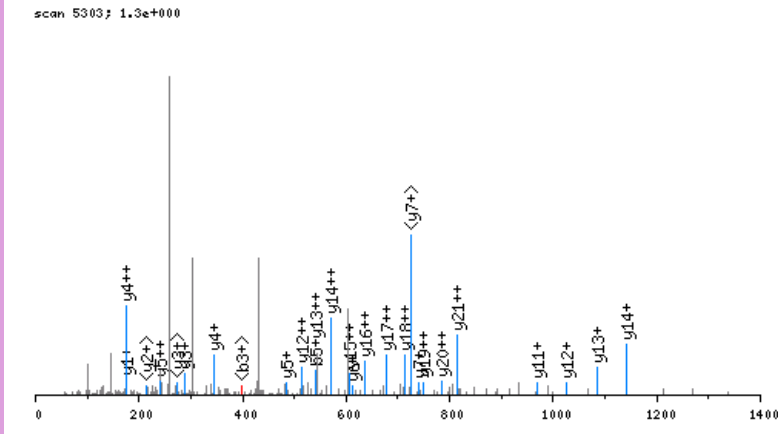
y + 2+ 3+

z + 2+ 3+

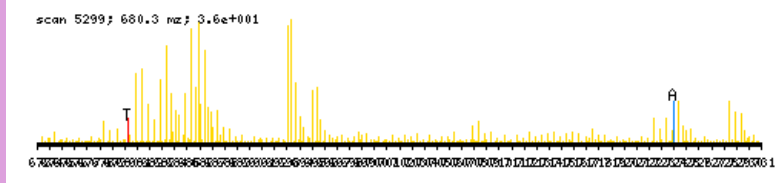
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 24		
301.1036	2	E 23	1867.8283	934.4181
414.1877	3	L 22	1738.7857	869.8968
471.2091	4	G 21	1625.7016	813.3547
542.2462	5	A 20	1568.6802	784.8440
613.2833	6	A 19	1497.6431	749.3254
684.3205	7	A 18	1426.6060	713.8069
771.3525	8	S 17	1355.5688	678.2883
828.3739	9	G 16	1268.5368	634.7723
899.4111	10	A 15	1211.5154	606.2616
956.4325	11	G 14	1140.4782	570.7430
1013.4540	12	G 13	1083.4568	542.2323
1070.4755	13	G 12	1026.4353	513.7216
1127.4969	14	G 11	969.4138	485.2108
1184.5184	15	G 10	912.3924	456.7001
1241.5398	16	G 9	855.3709	428.1894
1298.5613	17	G 8	798.3495	399.6786
1427.6039	18	E 7	741.3280	371.1679
1556.6465	19	E 6	612.2854	306.6466
1693.7054	20	H 5	483.2428	242.1253
1750.7269	21	G 4	346.1839	173.5959
1807.7483	22	G 3	289.1624	145.0851
1864.7698	23	G 2	232.1410	116.5744
	24	R 1	175.1195	88.0637

N-term:+43.02

EELSADEIRR, MH+ 1259.6232, m/z 630.3152
 L OSG37 P180811 230811-s1.05688.05688.2.dta

scan 5688; 4.1e+000

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

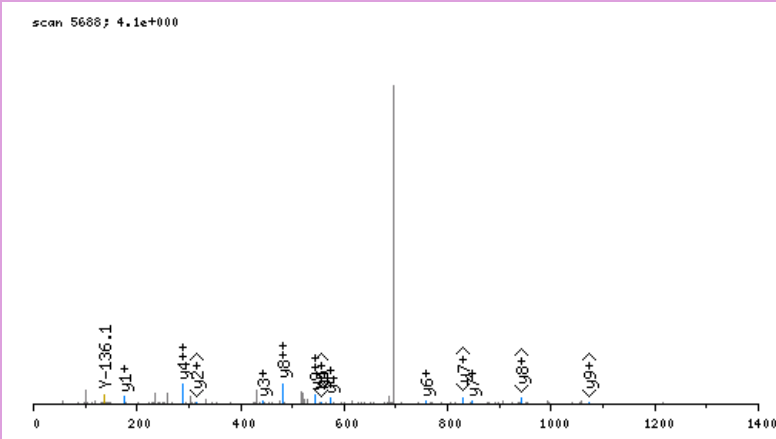
y + 2+ 3+

z + 2+ 3+

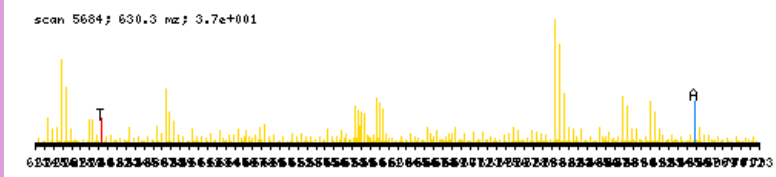
hide H₂O/NH₃

zoom 112-122

GO



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



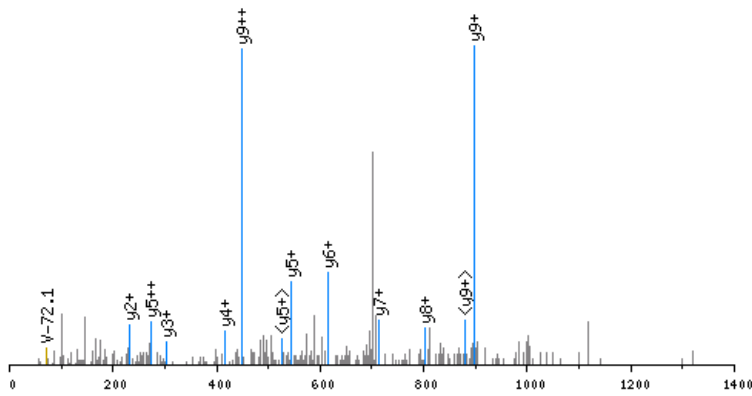
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 10		
301.1036	2	E 9	1088.5700	544.7889
414.1877	3	L 8	959.5274	480.2676
501.2197	4	S 7	846.4434	423.7256
572.2568	5	A 6	759.4113	380.2096
687.2837	6	D 5	688.3742	344.6910
816.3263	7	E 4	573.3473	287.1775
929.4104	8	I 3	444.3047	222.6563
1085.5115	9	R 2	331.2206	166.1142
	10	R 1	175.1195	88.0637

N-term:+43.02

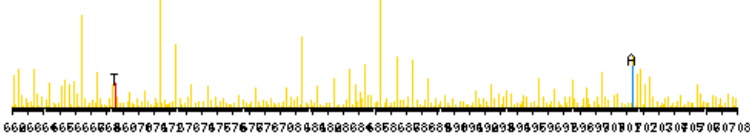
EERPSETNSNVDSQAQPSVAQLAGR, MH+ 2671.2560, m/z 668.5694
 L OSG36 P180811 230811-s1.03882.03882.4.dta

scan 3882; 6.5e-001



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

scan 3879; 668.6 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⁺
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

EESEYESVLCVKPEVHVYR, MH+ 2428.1919, m/z 810.0688
 L OSG39 P180811 230811-s1.06834.06834.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

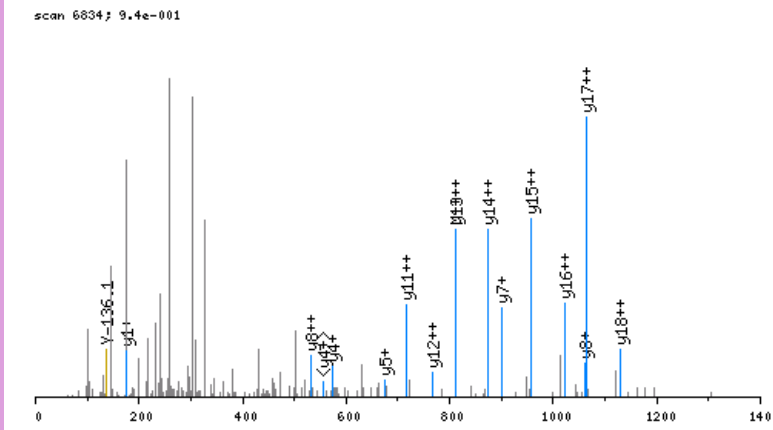
y + 2+ 3+

z + 2+ 3+

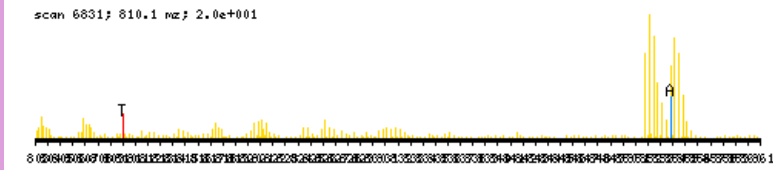
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
301.1036	2	E	18	2257.1387	1129.0733
388.1356	3	S	17	2128.0961	1064.5520
517.1782	4	E	16	2041.0641	1021.0359
680.2415	5	Y	15	1912.0215	956.5146
809.2841	6	E	14	1748.9581	874.9830
896.3162	7	S	13	1619.9155	810.4617
995.3846	8	V	12	1532.8835	766.9457
1108.4686	9	L	11	1433.8151	717.4115
1268.4992	10	C	10	1320.7310	660.8694
1367.5676	11	V	9	1160.7004	580.8541
1529.7257	12	K	8	1061.6320	531.3199
1626.7785	13	P	7	899.4739	450.2409
1755.8211	14	E	6	802.4212	401.7145
1854.8895	15	V	5	673.3786	337.1932
1991.9484	16	H	4	574.3102	287.6590
2091.0168	17	V	3	437.2512	219.1295
2254.0802	18	Y	2	338.1828	169.5953
	19	R	1	175.1195	88.0637

N-term: +43.02 C(10): +160.03
 K(12): +162.16

EFAELIKTPR, MH+ 1279.7475, m/z 640.3774
 L OSG37 P180811 230811-s1.08637.08637.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

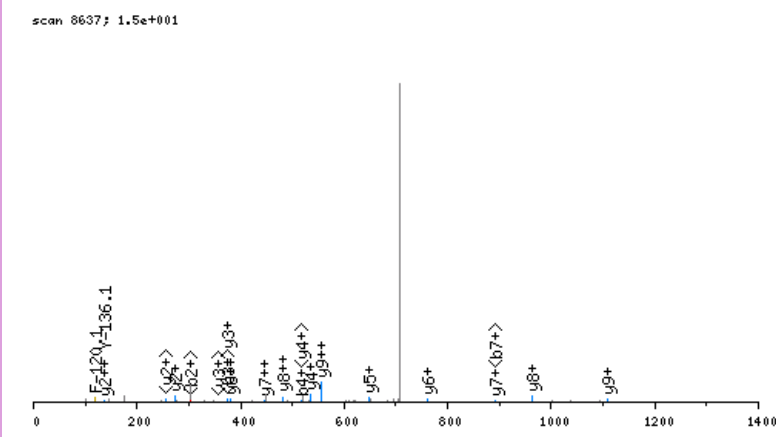
y + 2+ 3+

z + 2+ 3+

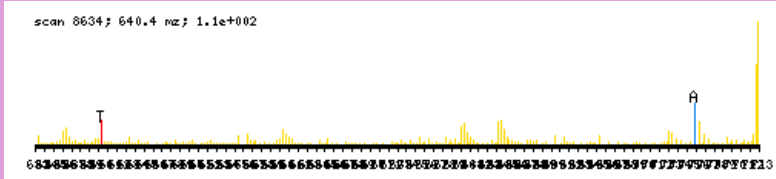
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1108.6943	554.8511
390.1665	3	A 8	961.6259	481.3169
519.2091	4	E 7	890.5888	445.7983
632.2932	5	L 6	761.5462	381.2770
745.3772	6	I 5	648.4621	324.7350
907.5353	7	K 4	535.3780	268.1929
1008.5830	8	T 3	373.2199	187.1139
1105.6358	9	P 2	272.1723	136.5900
	10	R 1	175.1195	88.0637

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

EFPDLGAHCSEPCQR, MH+ 1931.8015, m/z 644.6054
 L OSG37 P180811 230811-s1.06726.06726.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

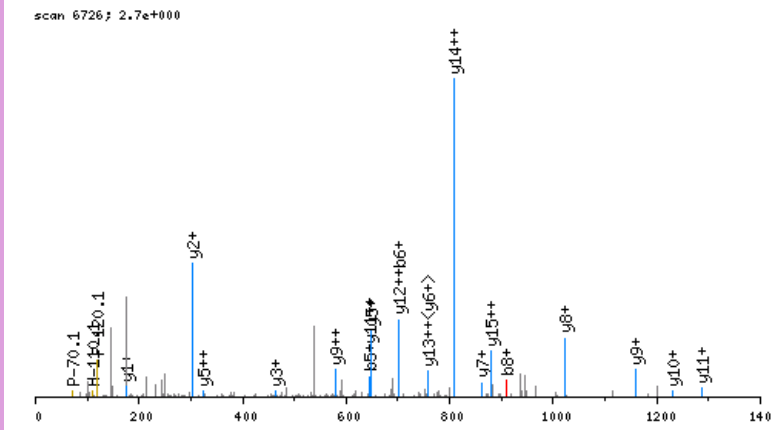
y + 2+ 3+

z + 2+ 3+

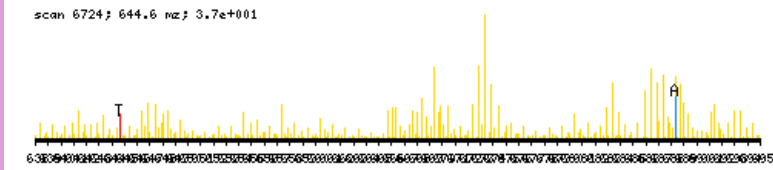
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
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
 L OSG41 P180811 230811-s1.04873.04873.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

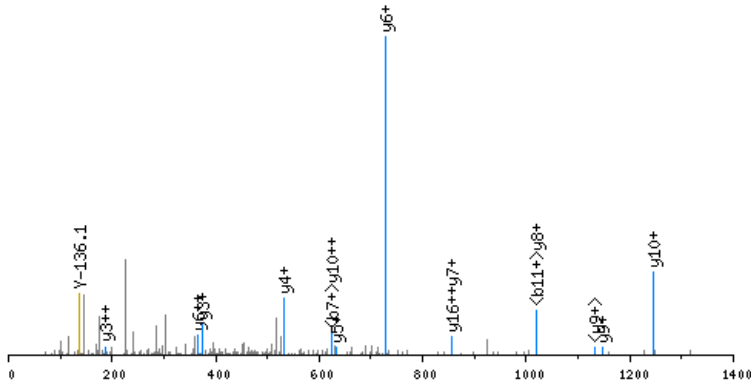
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

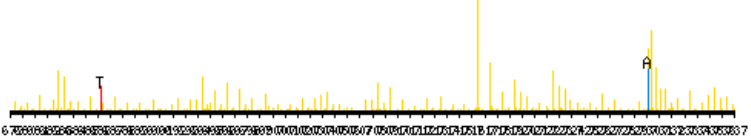
GO

scan 4873; 2.2e+000



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

scan 4869; 686.3 m/z; 2.0e+001



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

EGEAVEAIVEESETFIKGR, MH+ 2448.2511, m/z 816.7552
 L OSG38 P180811 230811-s1.08257.08257.3.dta

X-range:

0 - 0

MassTol: Y-zoom:

0. 1.

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

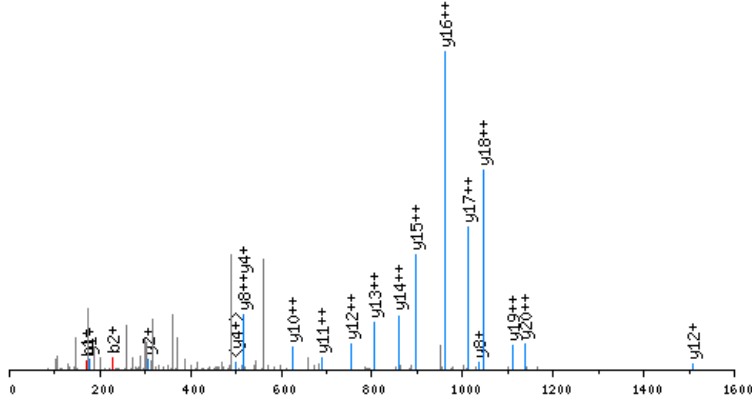
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

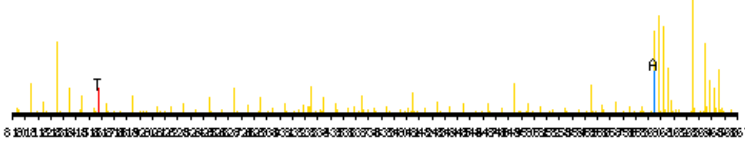
GO

scan 8257; 2.1e+000



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

scan 8254; 816.8 m/z; 8.2e+000



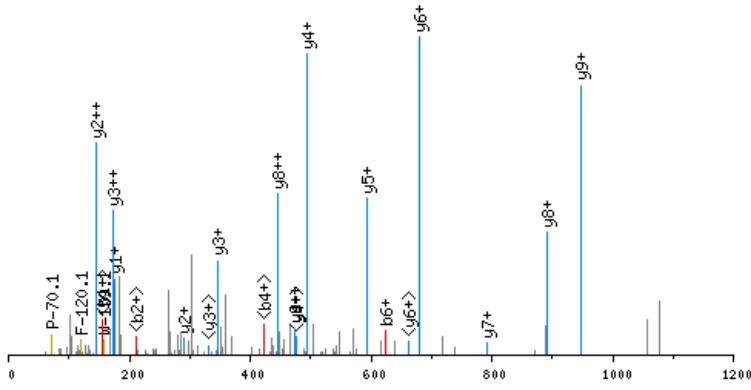
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 21		
229.0825	2	G 20	2277.1979	1139.1029
358.1251	3	E 19	2220.1764	1110.5921
429.1622	4	A 18	2091.1338	1046.0708
528.2306	5	V 17	2020.0967	1010.5523
657.2732	6	E 16	1921.0283	961.0181
728.3103	7	A 15	1791.9857	896.4968
841.3943	8	I 14	1720.9486	860.9782
940.4628	9	V 13	1607.8645	804.4362
1069.5054	10	E 12	1508.7961	754.9020
1198.5479	11	E 11	1379.7535	690.3807
1285.5800	12	S 10	1250.7109	625.8594
1414.6226	13	E 9	1163.6789	582.3434
1515.6702	14	T 8	1034.6363	517.8221
1662.7387	15	F 7	933.5886	467.2982
1775.8227	16	I 6	786.5202	393.7640
1931.9490	17	K 5	673.4362	337.2220
1988.9705	18	G 4	517.3099	259.1588
2145.0968	19	K 3	460.2884	230.6481
2274.1394	20	E 2	304.1621	152.5850
	21	R 1	175.1195	88.0637

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

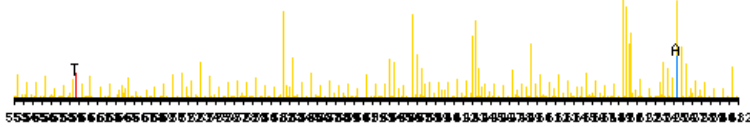
EGPLSVFGDR, MH+ 1118.5482, m/z 559.7777
 L OSG41 P180811 230811-s1.07373.07373.2.dta

scan 7373; 8.8e-001



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

scan 7369; 559.8 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

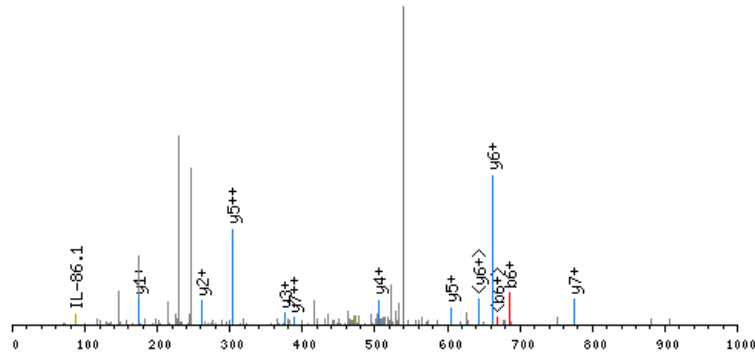
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
172.0610	1	E	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

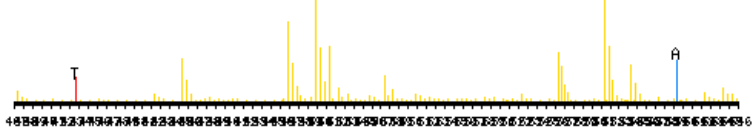
EIGEISR, MH+ 946.4846, m/z 473.7459
 L OSG41 P180811 230811-s1.05292.05292.2.dta

scan 5292; 1.2e+000



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

scan 5289; 473.7 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⁺
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

EIPPTHYAASR, MH+ 1283.6384, m/z 642.3229
 L OSG37 P180811 230811-s1.05031.05031.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

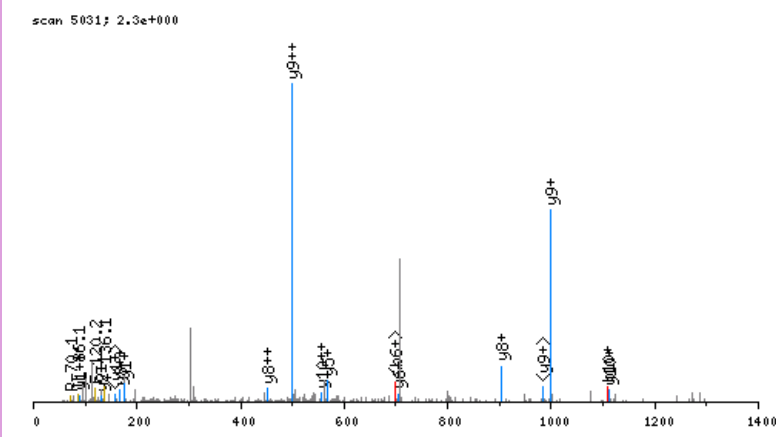
y + 2+ 3+

z + 2+ 3+

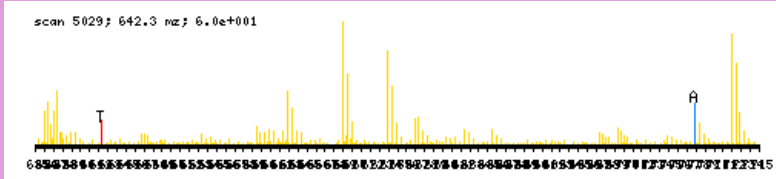
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
285.1451	2	I 10	1112.5853	556.7965
382.1978	3	P 9	999.5012	500.2545
479.2506	4	P 8	902.4484	451.7281
580.2983	5	T 7	805.3957	403.2018
717.3572	6	H 6	704.3480	352.6779
880.4205	7	Y 5	567.2891	284.1485
951.4576	8	A 4	404.2258	202.6168
1022.4947	9	A 3	333.1886	167.0982
1109.5268	10	S 2	262.1515	131.5797
	11	R 1	175.1195	88.0637

N-term:+43.02

EIQSGPQPGSPGR, MH+ 1351.6606, m/z 676.3340
 L OSG41 P180811 230811-s1.03901.03901.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

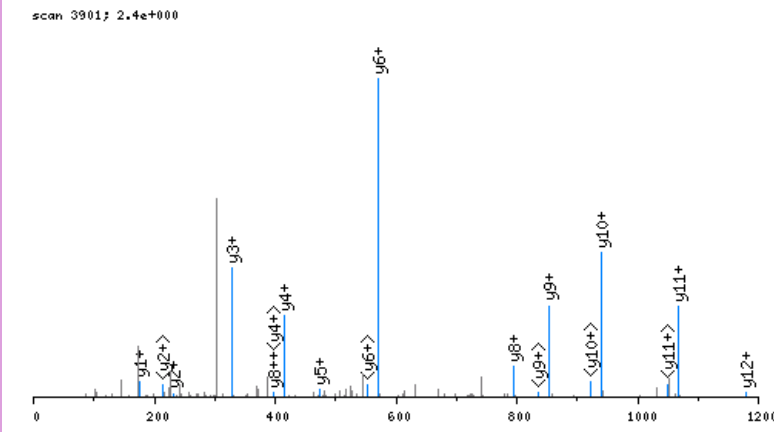
y + 2+ 3+

z + 2+ 3+

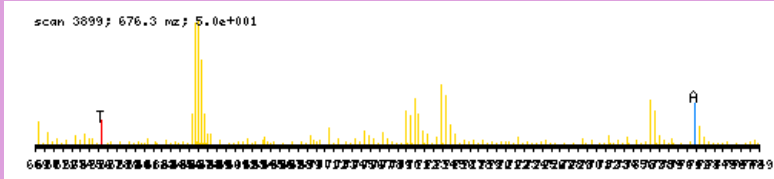
hide H₂O/NH₃

zoom 112-122

GO



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



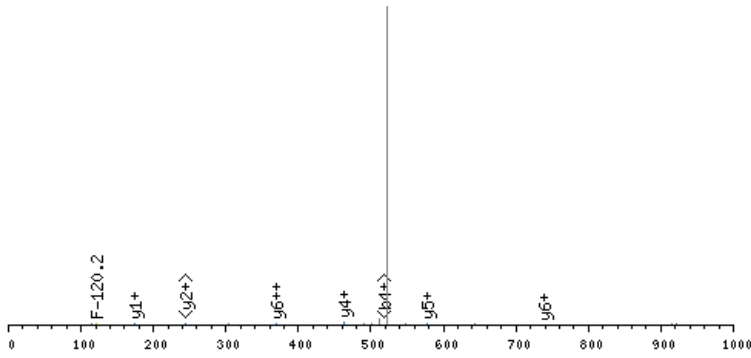
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

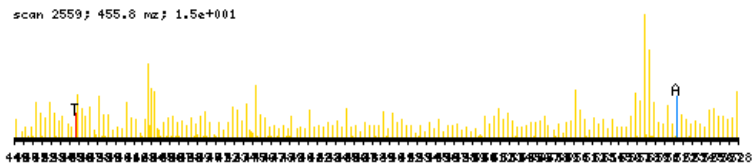
EKDSLRSR, MH+ 910.5058, m/z 455.7566
 L OSG38 P180811 230811-s1.02562.02562.2.dta

scan 2562; 2.2e+001



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

scan 2559; 455.8 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⁺
172.0610	1	E 7		
334.2191	2	K 6	739.4527	370.2302
449.2460	3	D 5	577.2946	289.1512
536.2781	4	S 4	462.2676	231.6377
649.3621	5	L 3	375.2356	188.1217
736.3942	6	S 2	262.1515	131.5797
	7	R 1	175.1195	88.0637

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

EKEETTR, MH+ 1091.5221, m/z 546.2647
 L OSG37 P180811 230811-s1.02125.02125.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

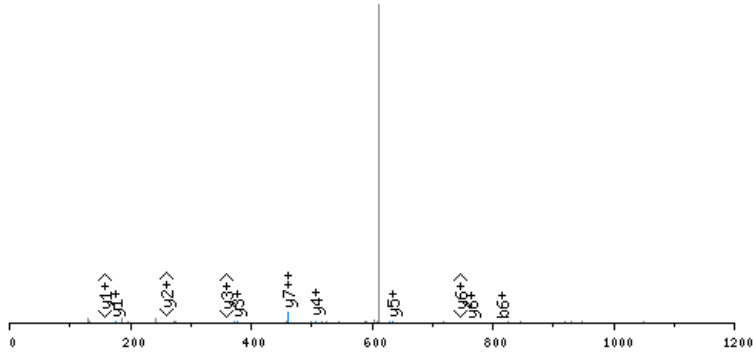
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

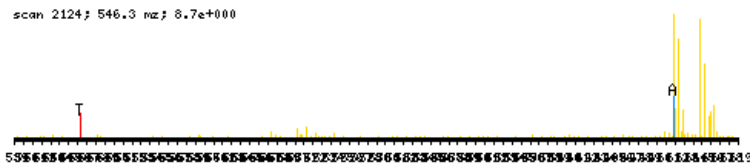
GO

scan 2125; 2.3e+001



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

scan 2124; 546.3 m/z; 8.7e+000



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

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 8		
328.1873	2	K 7	920.4689	460.7384
457.2299	3	E 6	764.3426	382.6752
586.2725	4	E 5	635.3000	318.1539
715.3151	5	E 4	506.2575	253.6326
816.3628	6	T 3	377.2149	189.1113
917.4104	7	T 2	276.1672	138.5875
	8	R 1	175.1195	88.0637

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

EKPAASTEPEQGSR, MH+ 1433.7449, m/z 478.5865
 L OSG37 P180811 230811-s1.02396.02396.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

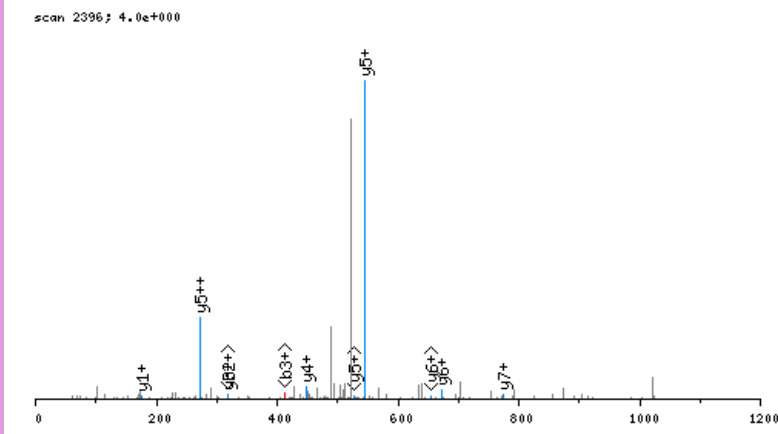
y + 2+ 3+

z + 2+ 3+

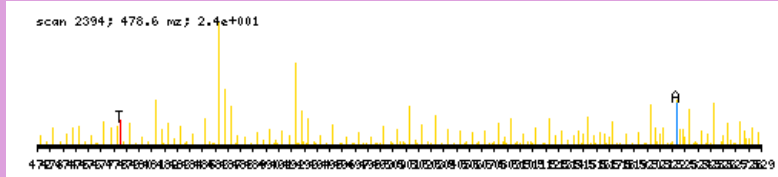
hide H₂O/NH₃

zoom 112-122

GO



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



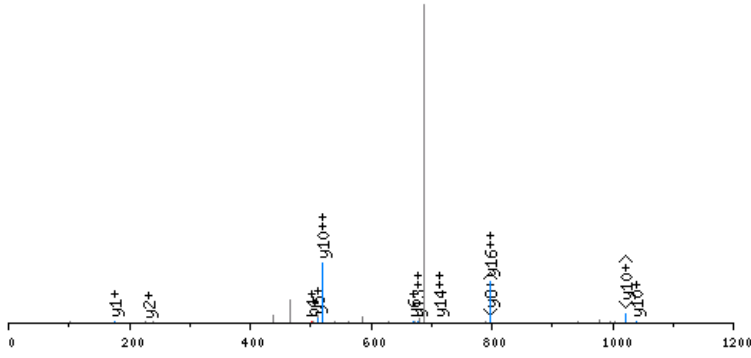
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 13		
334.2191	2	K 12	1262.6917	631.8498
431.2719	3	P 11	1100.5336	550.7707
502.3090	4	A 10	1003.4809	502.2443
573.3461	5	A 9	932.4437	466.7258
660.3781	6	S 8	861.4066	431.2072
761.4258	7	T 7	774.3746	387.6912
890.4684	8	E 6	673.3269	337.1674
987.5211	9	P 5	544.2843	272.6461
1115.5797	10	Q 4	447.2316	224.1197
1172.6012	11	G 3	319.1730	160.0904
1259.6332	12	S 2	262.1515	131.5797
	13	R 1	175.1195	88.0637

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

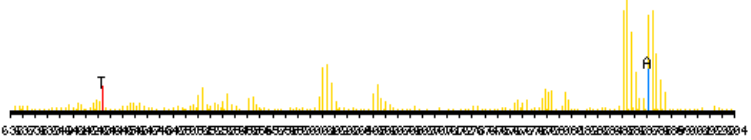
EKPAASTEPPQGSRPALGR, MH+ 1928.0414, m/z 643.3520
 L OSG39 P180811 230811-s1.02874.02874.3.dta

scan 2874; 2.0e+001



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

scan 2871; 643.4 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⁺
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

EKTELIQK, MH+ 1098.7047, m/z 549.8560
 L OSG37 P180811 230811-s1.04240.04240.2.dta

scan 4240; 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+

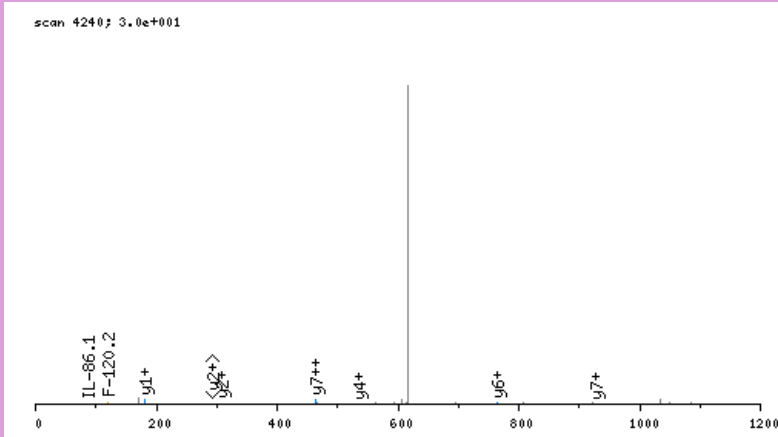
y + 2+ 3+

z + 2+ 3+

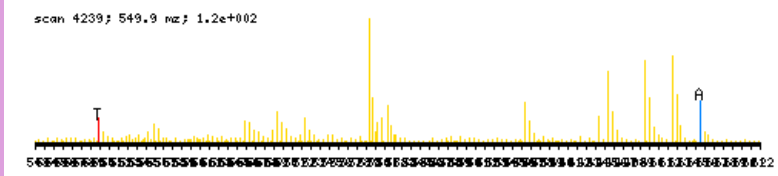
hide H₂O/NH₃

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⁺
172.0610	1	E	8	
334.2191	2	K	7	927.6516 464.3297
435.2668	3	T	6	765.4935 383.2506
564.3094	4	E	5	664.4458 332.7268
677.3934	5	L	4	535.4032 268.2055
790.4775	6	I	3	422.3191 211.6635
918.5361	7	Q	2	309.2351 155.1214
	8	K	1	181.1765 91.0922

N-term:+43.02 K(2):+162.16
 K(8):+162.16

EKTELIQKAK, MH+ 1331.8999, m/z 444.6382
 L OSG39 P180811 230811-s1.03202.03202.3.dta

scan 3202; 6.6e+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+

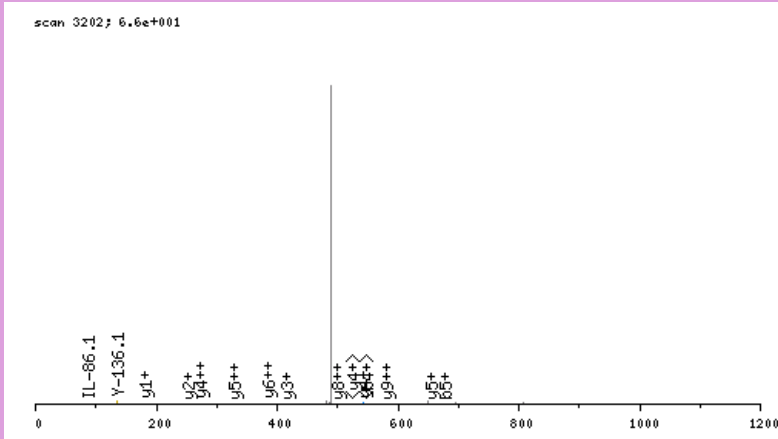
y + 2+ 3+

z + 2+ 3+

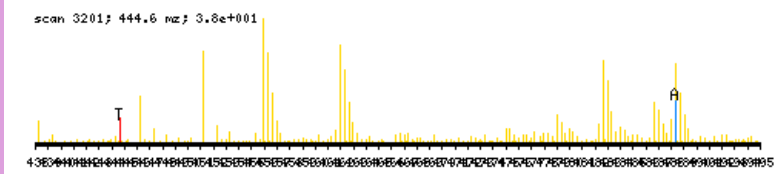
hide H₂O/NH₃

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⁺
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 528.5574
 L OSG40 P180811 230811-s1.06051.06051.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

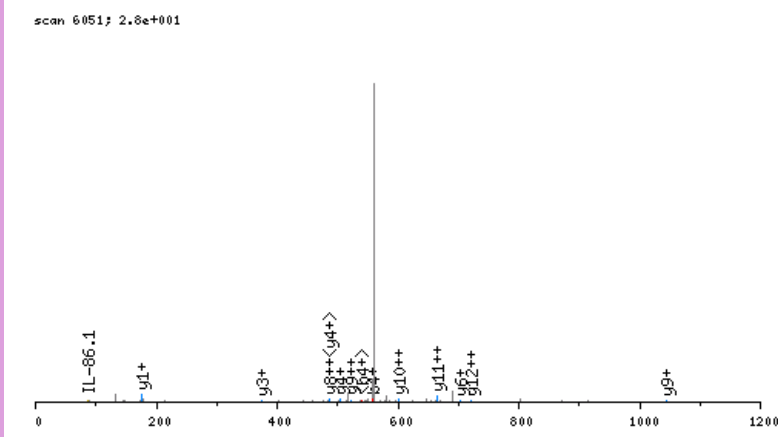
y + 2+ 3+

z + 2+ 3+

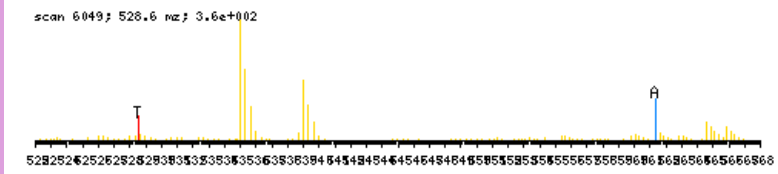
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	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
 L OSG37 P180811 230811-s1.06606.06606.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

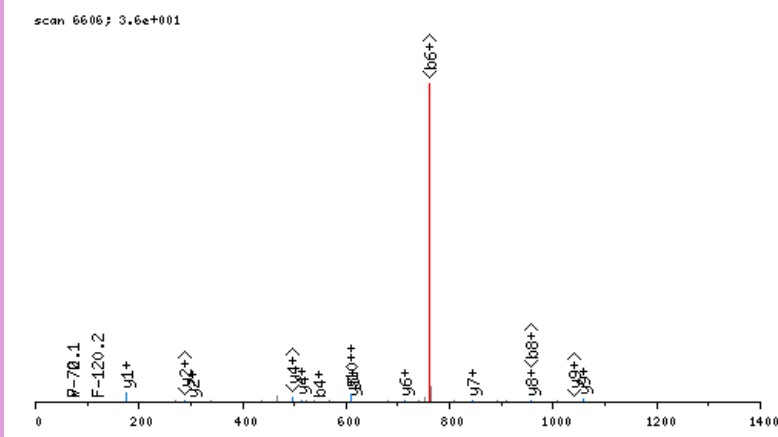
y + 2+ 3+

z + 2+ 3+

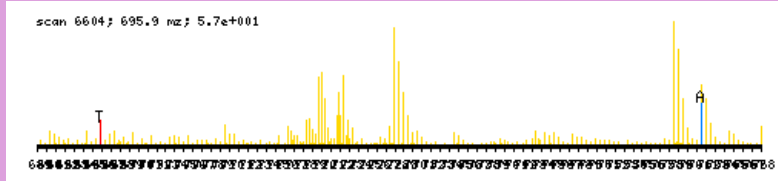
hide H₂O/NH₃

zoom 112-122

GO



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



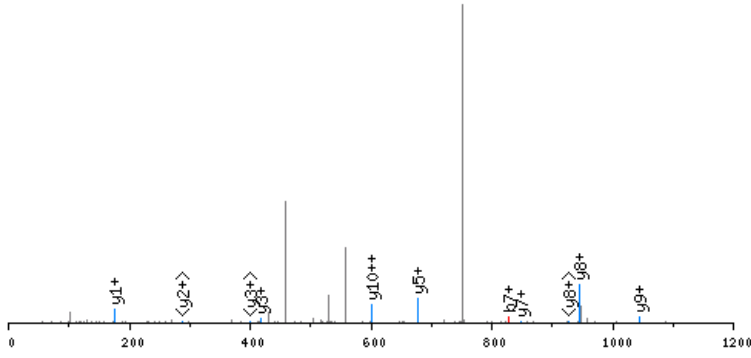
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 11		
334.2191	2	K 10	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

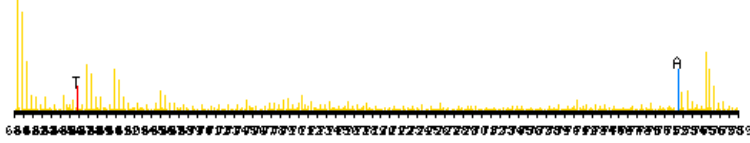
EKVPGDMEIER, MH+ 1372.6783, m/z 686.8428
 L OSG37 P180811 230811-s1.05686.05686.2.dta

scan 5686; 5.2e+000



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

scan 5684; 686.8 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

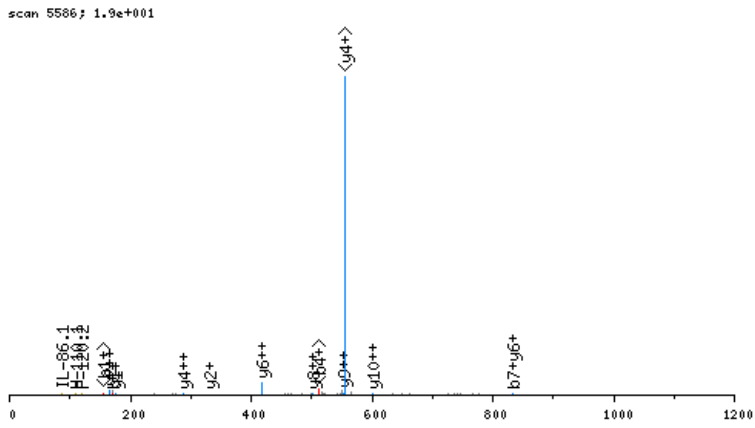
zoom 112-122

GO

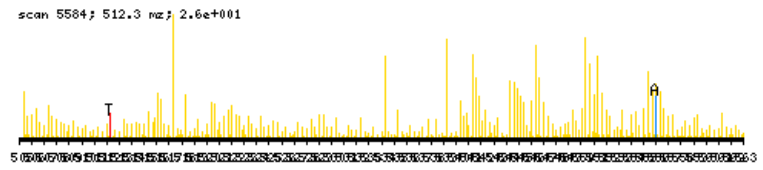
b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 11		
328.1873	2	K 10	1201.6251	601.3165
427.2557	3	V 9	1045.4988	523.2533
524.3085	4	P 8	946.4304	473.7191
581.3299	5	G 7	849.3776	425.1927
696.3569	6	D 6	792.3562	396.6820
827.3974	7	M 5	677.3292	339.1685
956.4400	8	E 4	546.2888	273.6483
1069.5240	9	I 3	417.2462	209.1270
1198.5666	10	E 2	304.1621	152.5850
	11	R 1	175.1195	88.0637

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

EKVPGDMEIERR, MH+ 1534.8112, m/z 512.2753
 L OSG40 P180811 230811-s1.05586.05586.3.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⁺
172.0610	1	E 12		
334.2191	2	K 11	1363.7580	682.3829
433.2875	3	V 10	1201.5999	601.3039
530.3403	4	P 9	1102.5315	551.7697
587.3617	5	G 8	1005.4788	503.2433
702.3887	6	D 7	948.4573	474.7326
833.4292	7	M 6	833.4303	417.2191
962.4718	8	E 5	702.3899	351.6988
1075.5558	9	I 4	573.3473	287.1775
1204.5984	10	E 3	460.2632	230.6355
1360.6995	11	R 2	331.2206	166.1142
	12	R 1	175.1195	88.0637

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

ELGELLYNKSEYIETASGNKVSRR, MH+ 2710.4576, m/z 904.1574
L OSG38 P180811 230811-s1.07990.07990.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

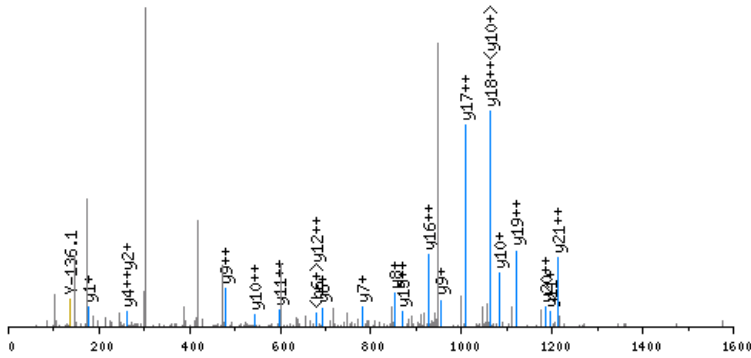
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

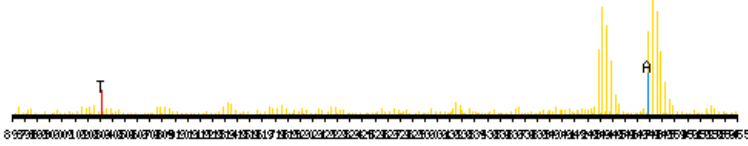
GO

scan 7990; 2.5e+000



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

scan 7989; 904.2 m/z; 3.4e+001



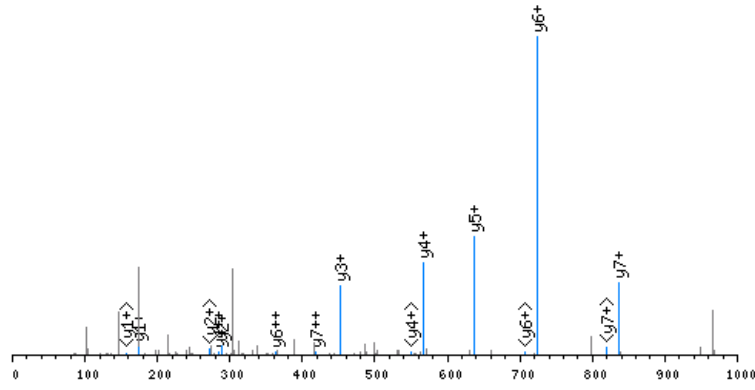
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 23		
285.1451	2	L 22	2539.4045	1270.2061
342.1665	3	G 21	2426.3204	1213.6641
471.2091	4	E 20	2369.2989	1185.1534
584.2932	5	L 19	2240.2563	1120.6321
697.3772	6	L 18	2127.1723	1064.0901
860.4406	7	Y 17	2014.0882	1007.5480
974.4835	8	N 16	1851.0249	926.0164
1136.6416	9	K 15	1736.9820	868.9949
1223.6736	10	S 14	1574.8239	787.9158
1352.7162	11	E 13	1487.7918	744.3998
1515.7795	12	Y 12	1358.7492	679.8785
1628.8636	13	I 11	1195.6859	598.3469
1757.9062	14	E 10	1082.6018	541.8048
1858.9539	15	T 9	953.5593	477.2835
1929.9910	16	A 8	852.5116	426.7597
2017.0230	17	S 7	781.4745	391.2411
2074.0445	18	G 6	694.4424	347.7251
2188.0874	19	N 5	637.4210	319.2144
2350.2455	20	K 4	523.3780	262.1929
2449.3139	21	V 3	361.2199	181.1139
2536.3460	22	S 2	262.1515	131.5797
	23	R 1	175.1195	88.0637

N-term:+43.02 K(9):+162.16
K(20):+162.16

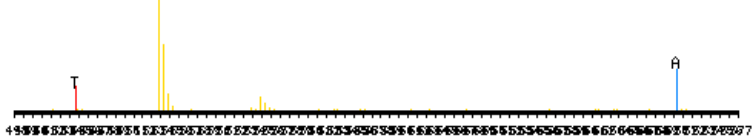
ELSADYLR, MH+ 1008.5002, m/z 504.7537
 L OSG41 P180811 230811-s1.06645.06645.2.dta

scan 6645; 2.1e+000



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

scan 6644; 504.8 m/z; 5.1e+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⁺
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
 L OSG41 P180811 230811-s1.04572.04572.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

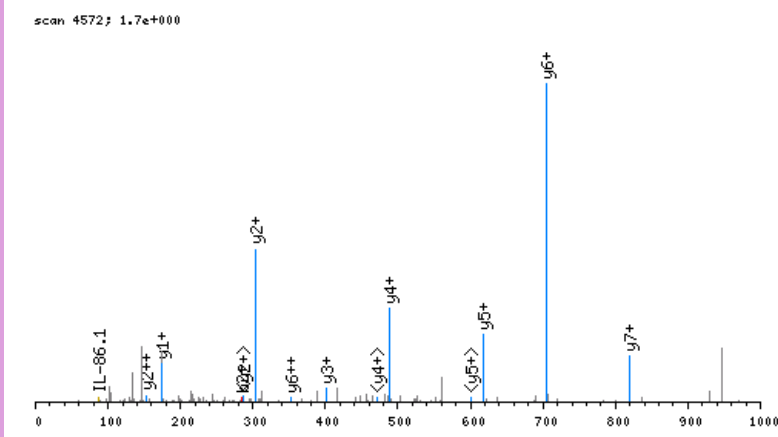
y + 2+ 3+

z + 2+ 3+

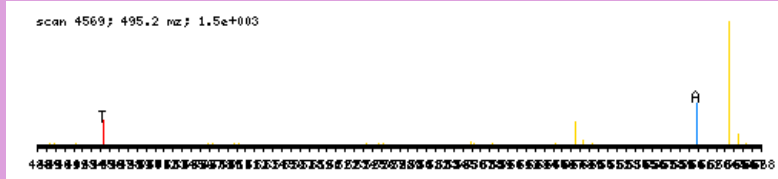
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG41 P180811 230811-s1.05556.05556.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

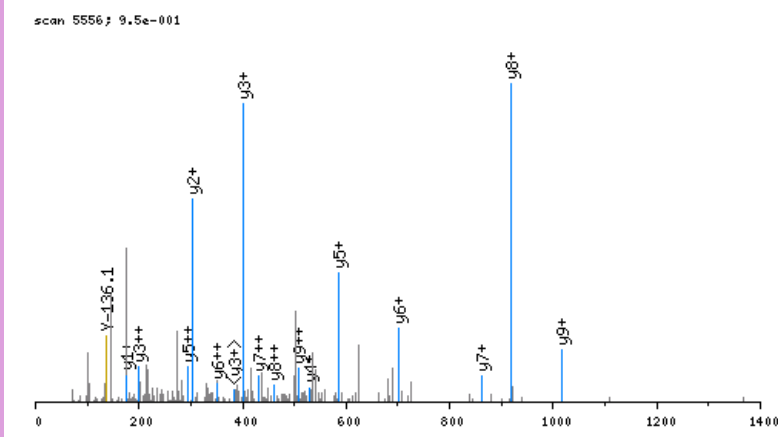
y + 2+ 3+

z + 2+ 3+

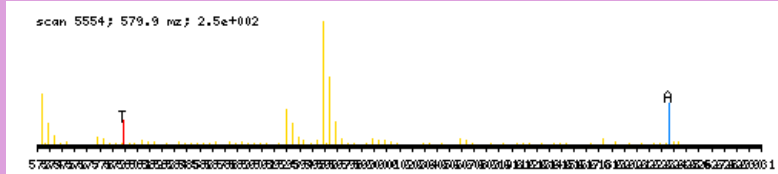
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG37 P180811 230811-s1.08630.08630.2.dta

scan 8630; 6.8e+001

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

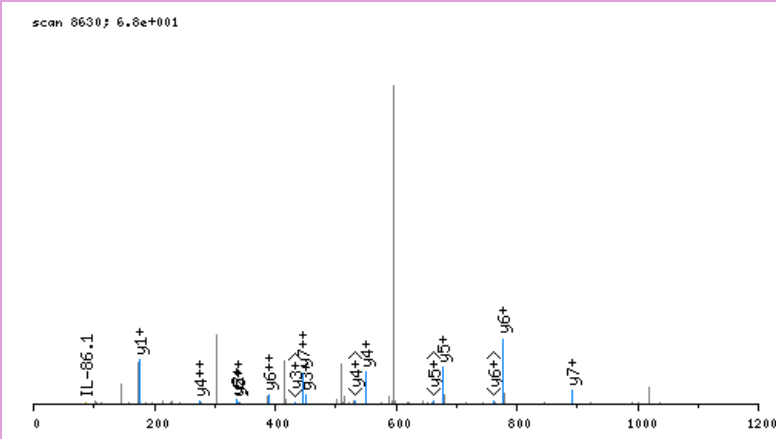
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

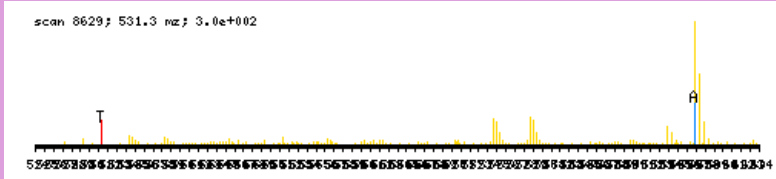
zoom 112-122

GO



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

scan 8629; 531.3 m/z; 3.0e+002



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

EMELDSEGR, MH+ 1107.4628, m/z 554.2351
 L OSG41 P180811 230811-s1.05211.05211.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

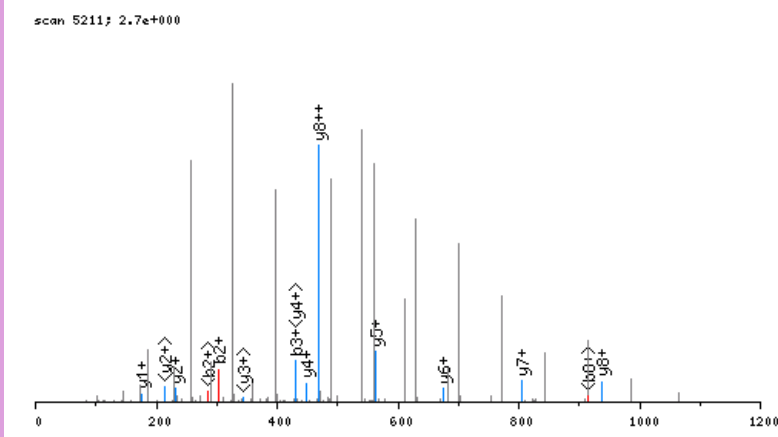
y + 2+ 3+

z + 2+ 3+

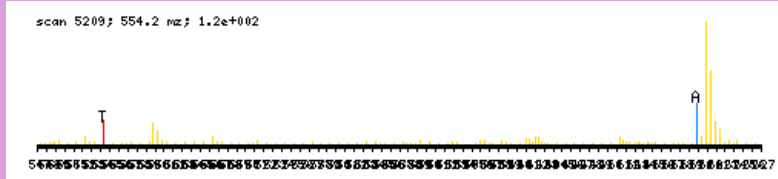
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG37 P180811 230811-s1.04320.04320.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

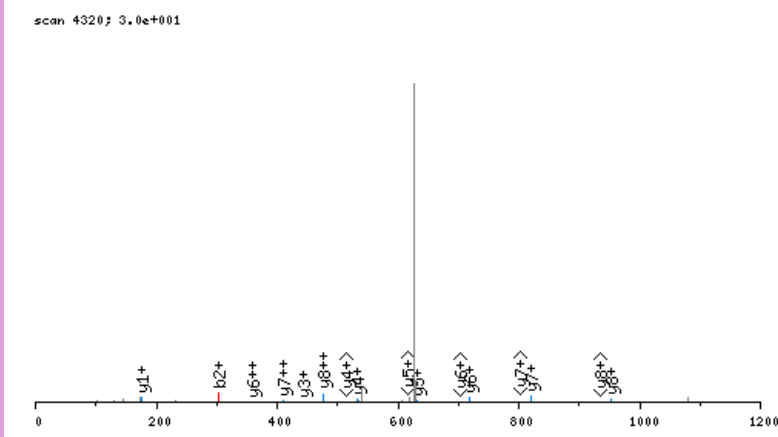
y + 2+ 3+

z + 2+ 3+

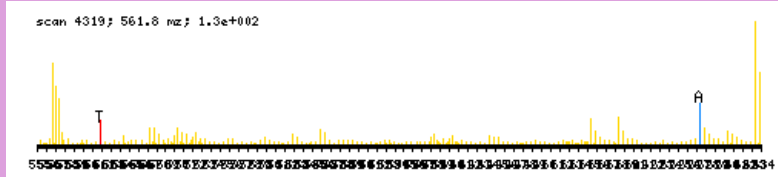
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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+ 914.4796, m/z 457.7434
 L OSG38 P180811 230811-s1.02385.02385.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

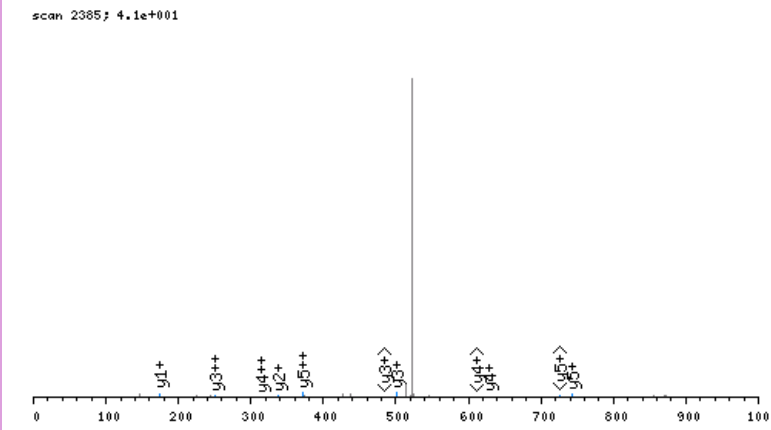
y + 2+ 3+

z + 2+ 3+

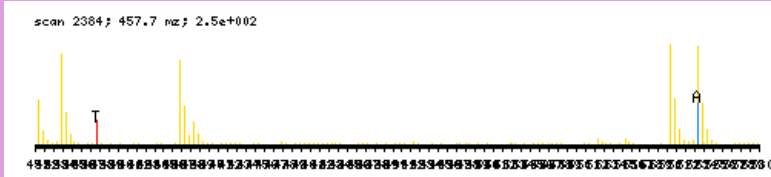
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
286.1039	2	N 5	743.4264	372.2171
415.1465	3	E 4	629.3835	315.1957
578.2098	4	Y 3	500.3409	250.6744
740.3679	5	K 2	337.2776	169.1427
	6	R 1	175.1195	88.0637

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

ENQLTKSVEER, MH+ 1408.7496, m/z 704.8785
 L OSG37 P180811 230811-s1.05168.05168.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

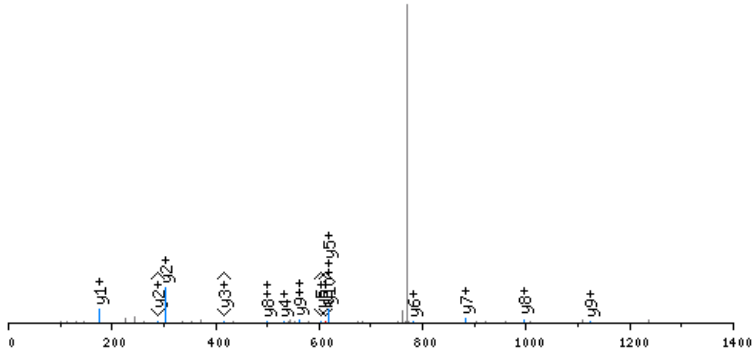
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

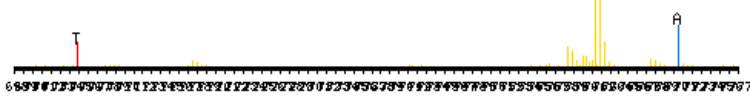
GO

scan 5168; 1.3e+001



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

scan 5164; 704.9 m/z; 3.8e+002



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	1237.6965 619.3522
414.1625	3	Q	9	1123.6535 562.3307
527.2466	4	L	8	995.5950 498.3014
628.2942	5	T	7	882.5109 441.7594
790.4523	6	K	6	781.4632 391.2355
877.4844	7	S	5	619.3051 310.1565
976.5528	8	V	4	532.2731 266.6405
1105.5954	9	E	3	433.2047 217.1063
1234.6380	10	E	2	304.1621 152.5850
	11	R	1	175.1195 88.0637

N-term:+43.02 K(6):+162.16

EPAMPEPETLEAR, MH+ 1414.6524, m/z 707.8299
 L OSG41 P180811 230811-s1.05717.05717.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

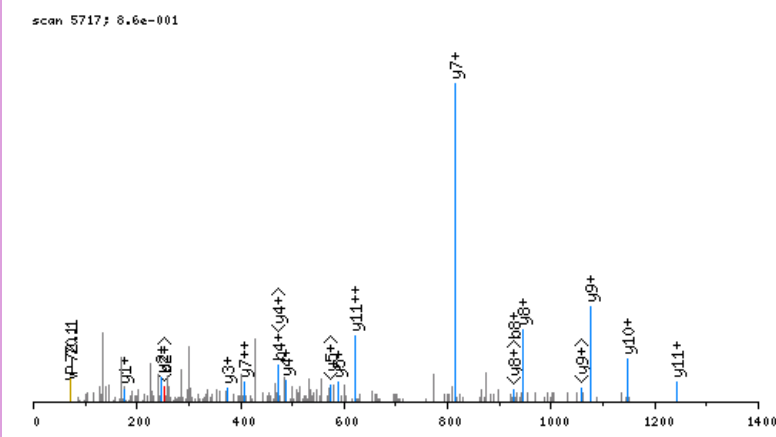
y + 2+ 3+

z + 2+ 3+

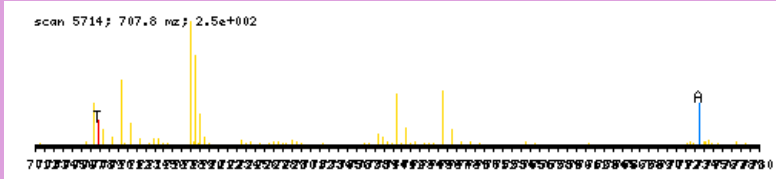
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

EPDIIR, MH+ 784.4205, m/z 392.7139
 L OSG41 P180811 230811-s1.05202.05202.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

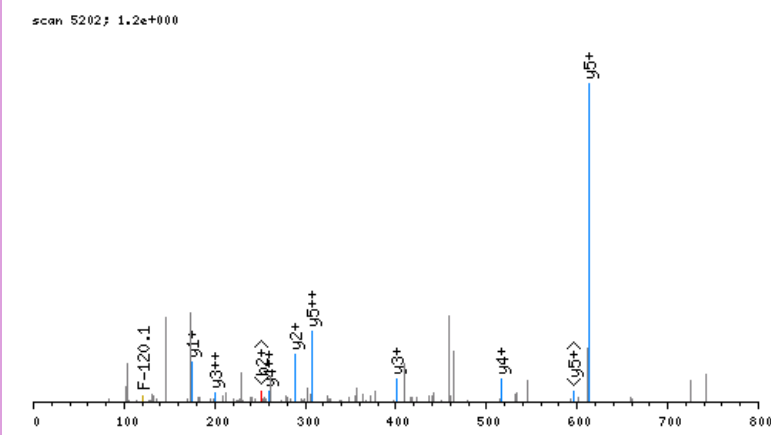
y + 2+ 3+

z + 2+ 3+

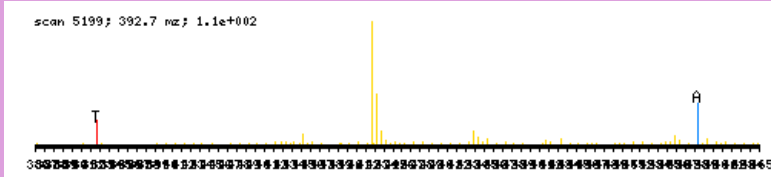
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
269.1138	2	P 5	613.3673	307.1876
384.1407	3	D 4	516.3146	258.6612
497.2248	4	I 3	401.2876	201.1477
610.3088	5	I 2	288.2036	144.6057
	6	R 1	175.1195	88.0637

N-term:+43.02

EPGPAAPSSGAPR, MH+ 1235.6021, m/z 618.3047
 L OSG41 P180811 230811-s1.03242.03242.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

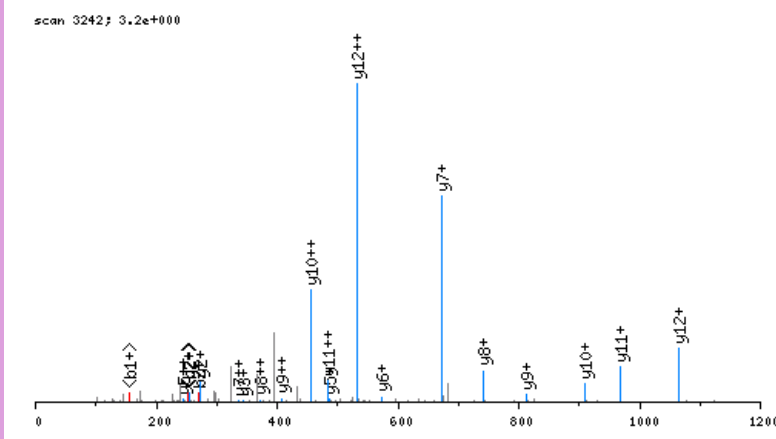
y + 2+ 3+

z + 2+ 3+

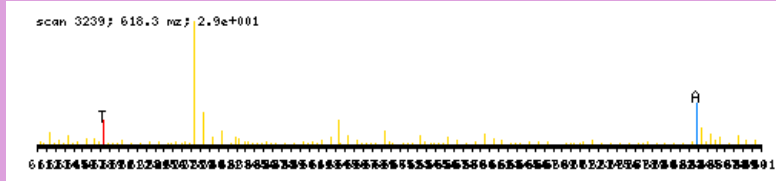
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

EPGPAAPSSGAPRRAR, MH+ 1559.7930, m/z 520.6025
 L OSG37 P180811 230811-s1.03318.03318.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

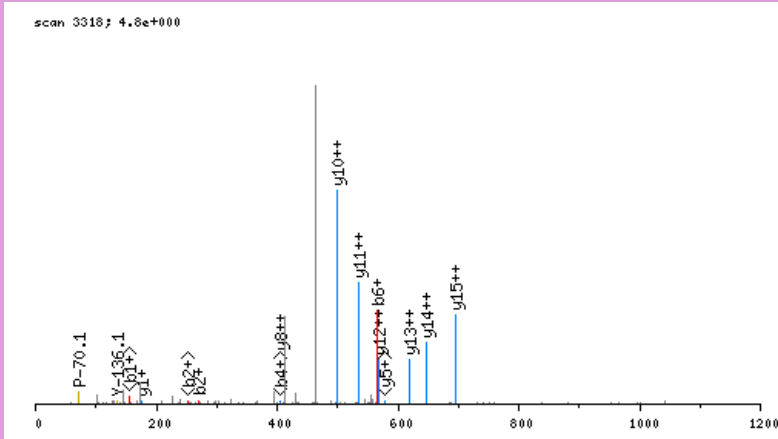
y + 2+ 3+

z + 2+ 3+

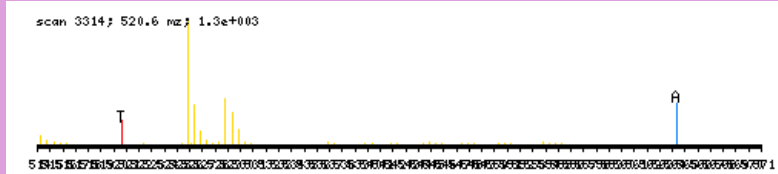
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 16		
269.1138	2	P 15	1388.7399	694.8738
326.1352	3	G 14	1291.6871	646.3475
423.1880	4	P 13	1234.6656	617.8367
494.2251	5	A 12	1137.6129	569.3104
565.2622	6	A 11	1066.5758	533.7918
662.3150	7	P 10	995.5387	498.2732
749.3470	8	S 9	898.4859	449.7469
836.3790	9	S 8	811.4539	406.2308
893.4005	10	G 7	724.4218	362.7148
964.4376	11	A 6	667.4004	334.2041
1061.4904	12	P 5	596.3633	298.6855
1217.5915	13	R 4	499.3105	250.1592
1314.6442	14	P 3	343.2094	172.1086
1385.6814	15	A 2	246.1566	123.5822
	16	R 1	175.1195	88.0637

N-term:+43.02

EPGPDGPAAPGPAAIR, MH+ 1514.7603, m/z 505.5916
 L OSG41 P180811 230811-s1.04911.04911.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

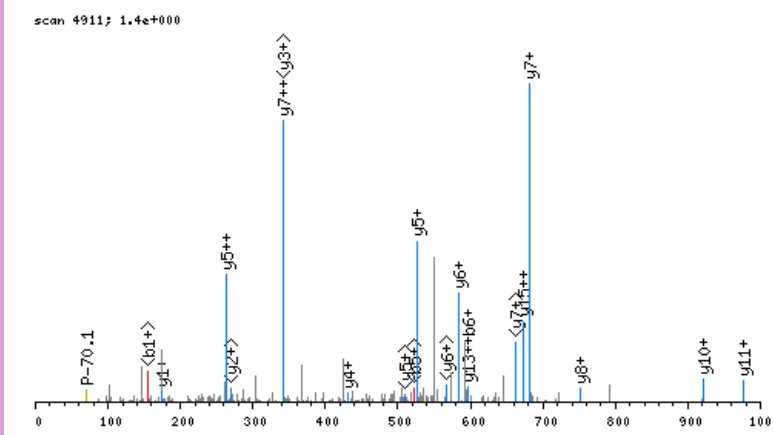
y + 2+ 3+

z + 2+ 3+

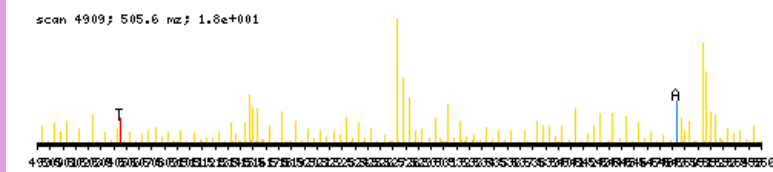
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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+ 1707.8376, m/z 569.9507
 L OSG36 P180811 230811-s1.03311.03311.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

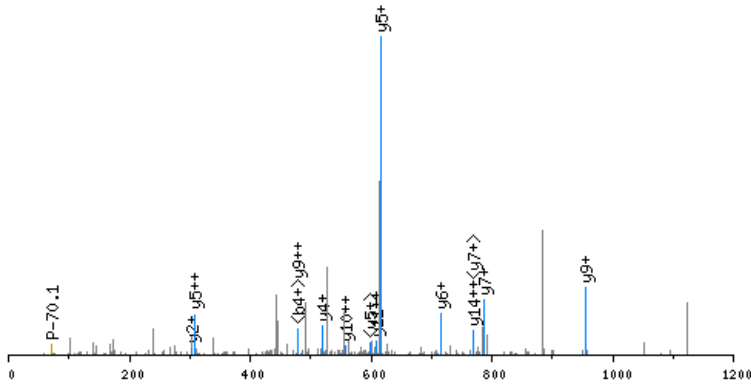
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

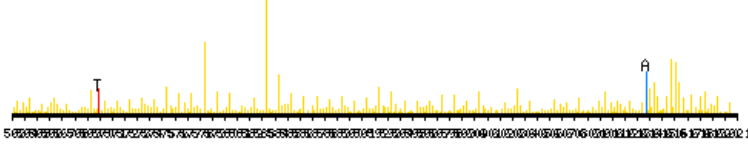
GO

scan 3311; 1.9e+000



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

scan 3309; 570.0 nz; 9.5e+000



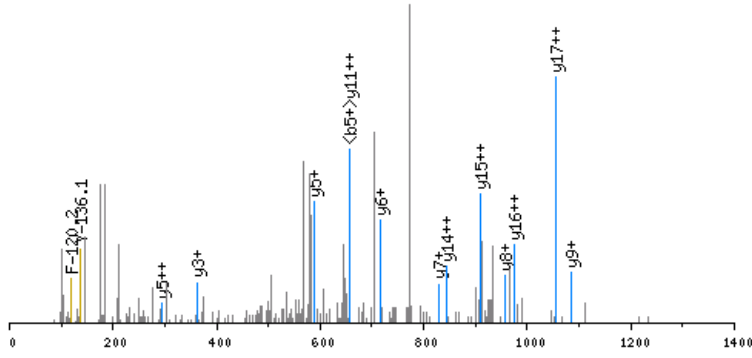
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
172.0610	1	E	15		
269.1138	2	P	14	1536.7844	768.8961
425.2401	3	K	13	1439.7317	720.3697
496.2772	4	A	12	1283.6054	642.3066
593.3299	5	P	11	1212.5682	606.7880
753.3605	6	C	10	1115.5155	558.2617
850.4133	7	P	9	955.4849	478.2464
921.4504	8	A	8	858.4321	429.7200
992.4875	9	A	7	787.3950	394.2014
1091.5559	10	V	6	716.3579	358.6829
1188.6087	11	P	5	617.2895	309.1487
1275.6407	12	S	4	520.2367	260.6223
1404.6833	13	E	3	433.2047	217.1063
1533.7259	14	E	2	304.1621	152.5850
	15	R	1	175.1195	88.0637

N-term:+43.02 K(3):+156.13
 C(6):+160.03

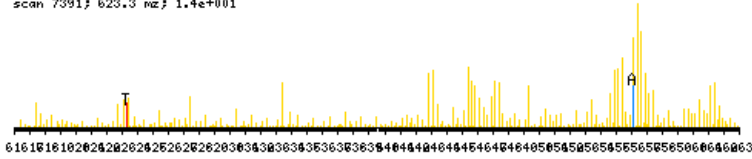
EPLYQQTNKQVQEIQSHMGR, MH+ 2490.2624, m/z 623.3211
 L OSG39 P180811 230811-s1.07392.07392.4.dta

scan 7392; 6.2e-001



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

scan 7391; 623.3 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⁺
172.0610	1	E	20		
269.1138	2	P	19	2319.2092	1160.1085
382.1978	3	L	18	2222.1564	1111.5821
545.2611	4	Y	17	2109.0724	1055.0401
673.3197	5	Q	16	1946.0091	973.5084
801.3783	6	Q	15	1817.9505	909.4792
902.4260	7	T	14	1689.8919	845.4499
1016.4689	8	N	13	1588.8442	794.9260
1178.6270	9	K	12	1474.8013	737.9046
1306.6856	10	Q	11	1312.6432	656.8255
1405.7540	11	V	10	1184.5846	592.7962
1533.8126	12	Q	9	1085.5162	543.2620
1662.8552	13	E	8	957.4576	479.2327
1775.9392	14	I	7	828.4150	414.7114
1903.9978	15	Q	6	715.3310	358.1694
1991.0298	16	S	5	587.2724	294.1401
2128.0888	17	H	4	500.2404	250.6241
2259.1292	18	M	3	363.1814	182.0946
2316.1507	19	G	2	232.1410	116.5744
	20	R	1	175.1195	88.0637

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

EPSGGGLGPR, MH+ 1025.5016, m/z 513.2544
 L OSG41 P180811 230811-s1.03697.03697.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

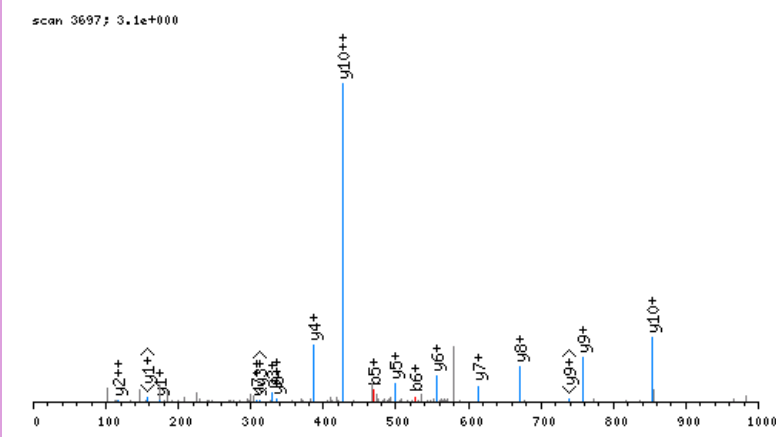
y + 2+ 3+

z + 2+ 3+

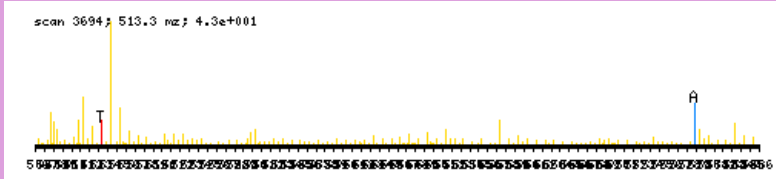
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
269.1138	2	P	10	854.4484	427.7281
356.1458	3	S	9	757.3957	379.2018
413.1672	4	G	8	670.3636	335.6857
470.1887	5	G	7	613.3422	307.1750
527.2102	6	G	6	556.3207	278.6643
640.2942	7	L	5	499.2993	250.1535
697.3157	8	G	4	386.2152	193.6115
794.3685	9	P	3	329.1937	165.1008
851.3899	10	G	2	232.1410	116.5744
	11	R	1	175.1195	88.0637

N-term:+43.02

EPSPDAEEAHTVR, MH+ 1479.6716, m/z 740.3394
 L OSG37 P180811 230811-s1.03573.03573.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

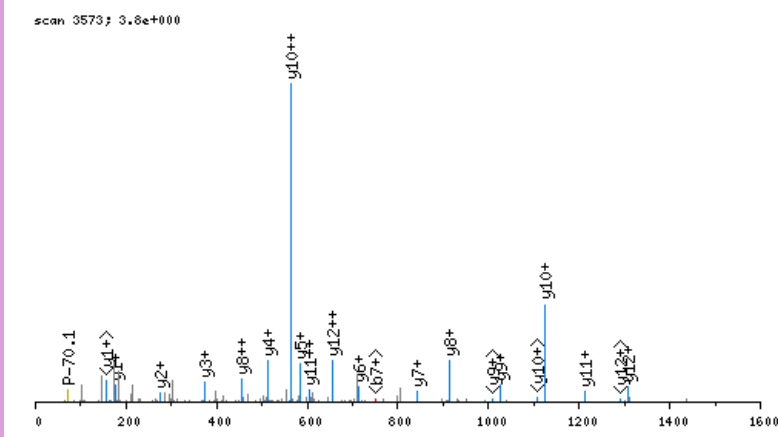
y + 2+ 3+

z + 2+ 3+

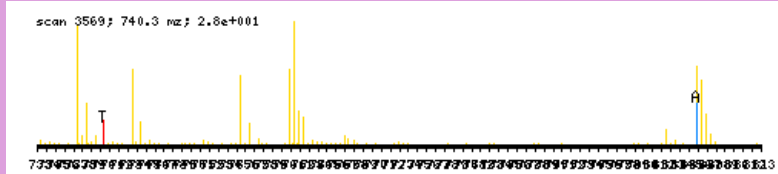
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1308.6184	654.8131
356.1458	3	S 11	1211.5657	606.2867
453.1985	4	P 10	1124.5336	562.7707
568.2255	5	D 9	1027.4809	514.2443
639.2626	6	A 8	912.4539	456.7309
768.3052	7	E 7	841.4168	421.2123
897.3478	8	E 6	712.3742	356.6910
968.3849	9	A 5	583.3316	292.1697
1105.4438	10	H 4	512.2945	256.6512
1206.4915	11	T 3	375.2356	188.1217
1305.5599	12	V 2	274.1879	137.5979
	13	R 1	175.1195	88.0637

N-term:+43.02

EQAVHGESKR, MH+ 1216.6499, m/z 406.2215
 L OSG40 P180811 230811-s1.02246.02246.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

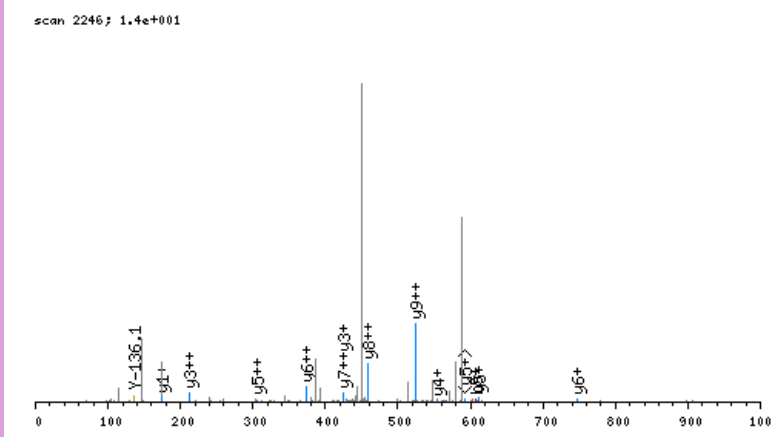
y + 2+ 3+

z + 2+ 3+

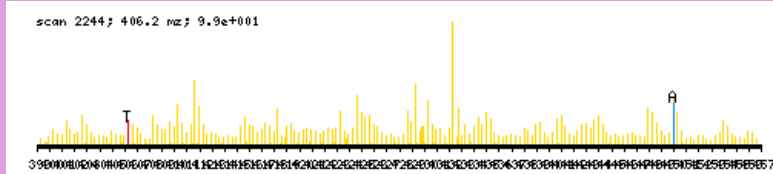
hide H₂O/NH₃

zoom 112-122

GO



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



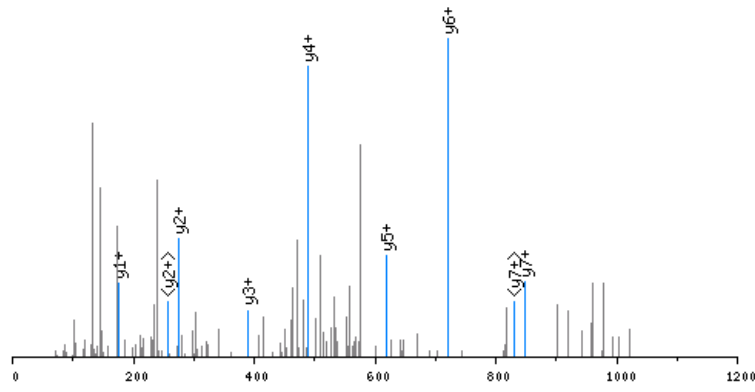
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 10		
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

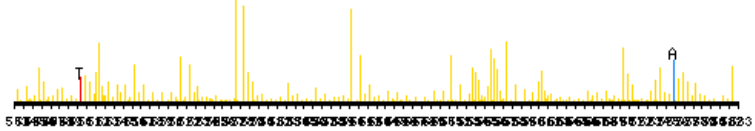
EQTETLTR, MH+ 1019.5009, m/z 510.2541
 L OSG41 P180811 230811-s1.03887.03887.2.dta

scan 3887; 5.6e-001



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

scan 3884; 510.3 m/z; 4.2e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
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

ESEMSDPQLQEEER, MH+ 1716.7387, m/z 572.9177
 L OSG41 P180811 230811-s1.05120.05120.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

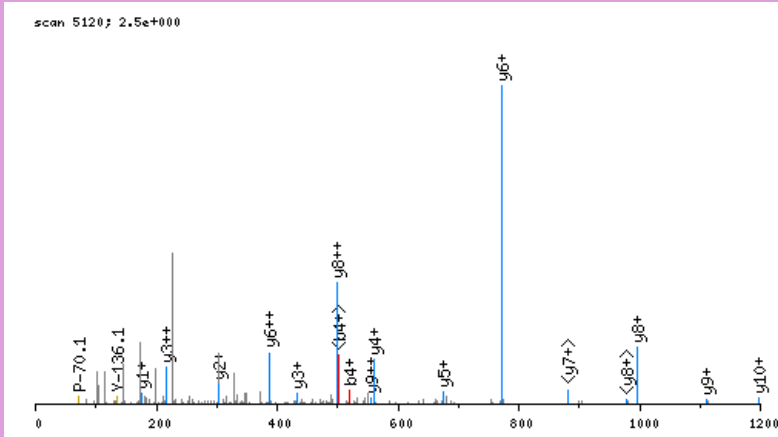
y + 2+ 3+

z + 2+ 3+

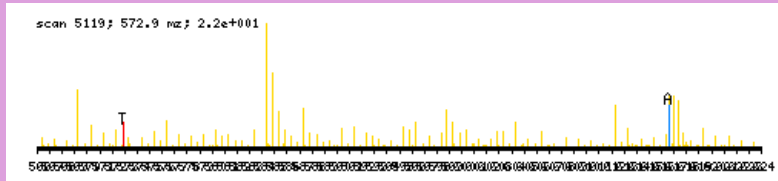
hide H₂O/NH₃

zoom 112-122

GO



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



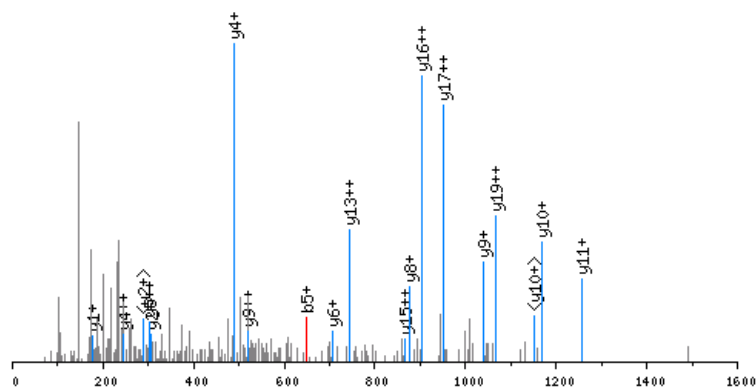
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

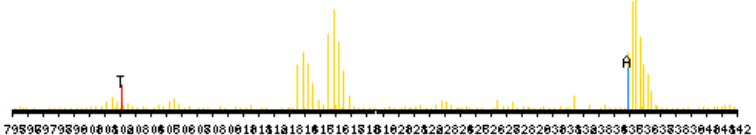
ESEQMLEGQTQVAENPHSEYGLTDSVER, MH+ 3205.4232, m/z 802.1112
 L_OSG36_P180811_230811-s1.05095.05095.4.dta

scan 5095; 6.2e-001



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

scan 5094; 802.1 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 28		
259.0930	2	S 27	3034.3700	1517.6889
388.1356	3	E 26	2947.3380	1474.1729
516.1942	4	Q 25	2818.2954	1409.6516
647.2347	5	M 24	2690.2368	1345.6223
760.3187	6	L 23	2559.1963	1280.1021
889.3613	7	E 22	2446.1123	1223.5600
946.3828	8	G 21	2317.0697	1159.0387
1074.4414	9	Q 20	2260.0482	1130.5280
1175.4891	10	T 19	2131.9896	1066.4987
1303.5476	11	Q 18	2030.9419	1015.9749
1402.6160	12	V 17	1902.8834	951.9456
1473.6532	13	A 16	1803.8149	902.4114
1602.6958	14	E 15	1732.7778	866.8928
1716.7387	15	N 14	1603.7352	802.3715
1813.7914	16	P 13	1489.6923	745.3501
1950.8504	17	H 12	1392.6395	696.8237
2037.8824	18	S 11	1255.5806	628.2942
2166.9250	19	E 10	1168.5486	584.7782
2329.9883	20	Y 9	1039.5060	520.2569
2387.0098	21	G 8	876.4427	438.7253
2500.0938	22	L 7	819.4212	410.2145
2601.1415	23	T 6	706.3372	353.6725
2716.1685	24	D 5	605.2895	303.1487
2803.2005	25	S 4	490.2625	245.6352
2902.2689	26	V 3	403.2305	202.1192
3031.3115	27	E 2	304.1621	152.5850
	28	R 1	175.1195	88.0637

N-term:+43.02

ESFTNDR, MH+ 910.3907, m/z 455.6990
 L OSG41 P180811 230811-s1.04446.04446.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

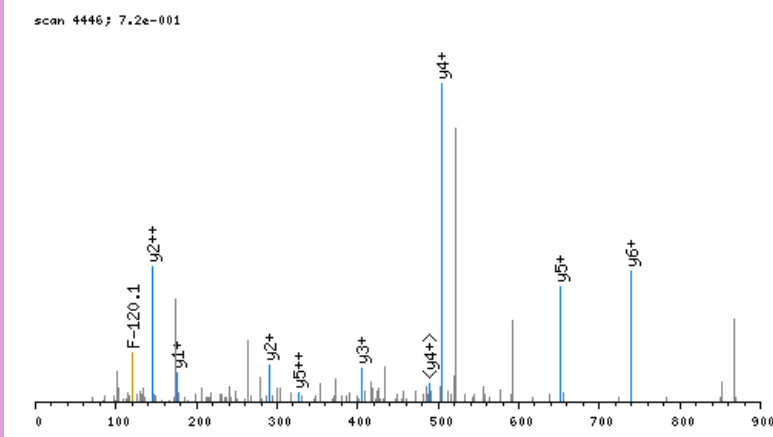
y + 2+ 3+

z + 2+ 3+

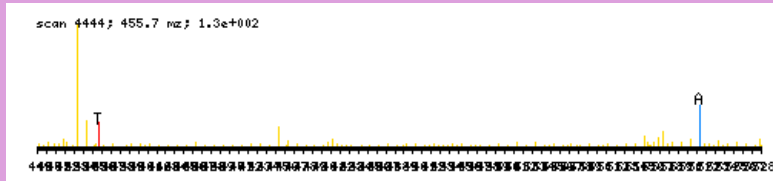
hide H₂O/NH₃

zoom 112-122

GO



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



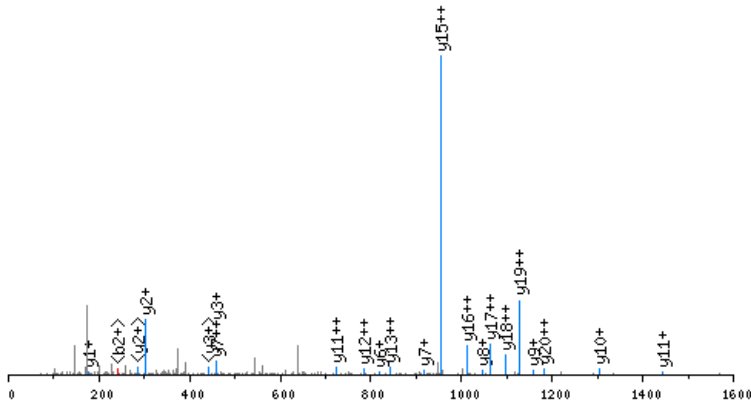
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 7		
259.0930	2	S 6	739.3375	370.1727
406.1614	3	F 5	652.3055	326.6566
507.2091	4	T 4	505.2370	253.1224
621.2520	5	N 3	404.1894	202.5986
736.2790	6	D 2	290.1464	145.5771
	7	R 1	175.1195	88.0637

N-term:+43.02

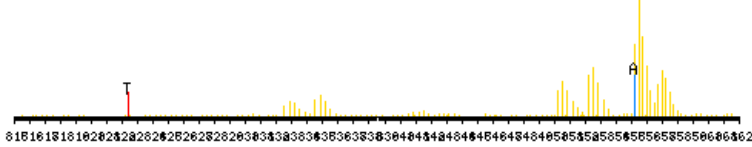
ESSTSSSGSALGAVDPQLQHFIEVETQKQR, MH+ 3286.6192, m/z 822.4103
 L OSG38 P180811 230811-s1.07910.07910.4.dta

scan 7910; 2.1e+001



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

scan 7909; 822.4 m/z; 1.3e+002



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
172.0610	1	E	30		
259.0930	2	S	29	3115.5660	1558.2869
346.1251	3	S	28	3028.5340	1514.7709
447.1727	4	T	27	2941.5020	1471.2549
534.2048	5	S	26	2840.4543	1420.7311
621.2368	6	S	25	2753.4223	1377.2150
708.2688	7	S	24	2666.3902	1333.6990
765.2903	8	G	23	2579.3582	1290.1830
852.3223	9	S	22	2522.3367	1261.6723
923.3594	10	A	21	2435.3047	1218.1563
1036.4435	11	L	20	2364.2676	1182.6377
1093.4649	12	G	19	2251.1835	1126.0957
1164.5021	13	A	18	2194.1621	1097.5850
1263.5705	14	V	17	2123.1250	1062.0664
1378.5974	15	D	16	2024.0566	1012.5322
1475.6502	16	P	15	1909.0296	955.0187
1603.7088	17	Q	14	1811.9768	906.4923
1716.7928	18	L	13	1683.9183	842.4630
1844.8514	19	Q	12	1570.8342	785.9210
1981.9103	20	H	11	1442.7756	721.8917
2128.9787	21	F	10	1305.7167	653.3623
2242.0628	22	I	9	1158.6483	579.8281
2371.1054	23	E	8	1045.5642	523.2860
2470.1738	24	V	7	916.5216	458.7647
2599.2164	25	E	6	817.4532	409.2305
2700.2641	26	T	5	688.4106	344.7092
2828.3226	27	Q	4	587.3630	294.1854
2984.4489	28	K	3	459.3044	230.1561
3112.5075	29	Q	2	303.1781	152.0930
	30	R	1	175.1195	88.0637

N-term:+43.02 K(28):+156.13

ESTFSSPAEAAALQR, MH+ 1535.7342, m/z 512.5829
 L OSG41 P180811 230811-s1.06296.06296.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

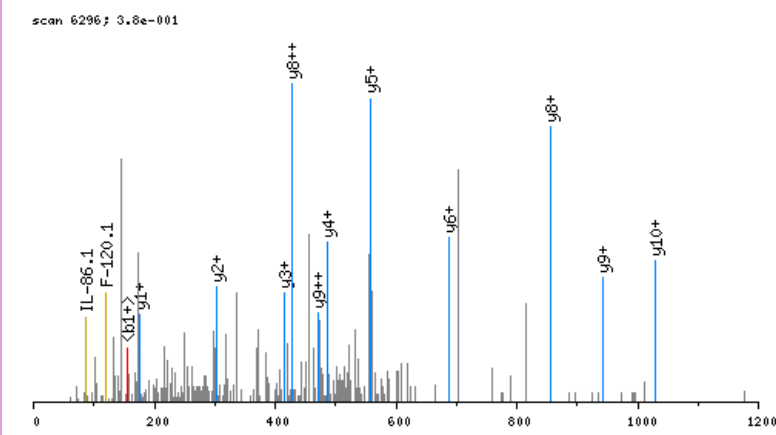
y + 2+ 3+

z + 2+ 3+

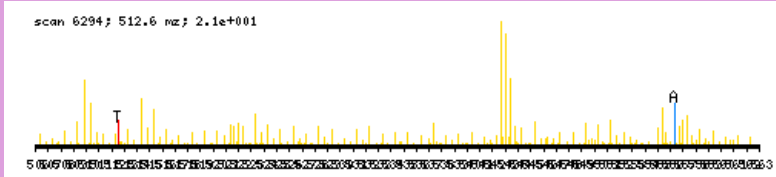
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	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

ETGPAPLVAPPR, MH+ 1246.6796, m/z 623.8434
 L OSG41 P180811 230811-s1.05563.05563.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

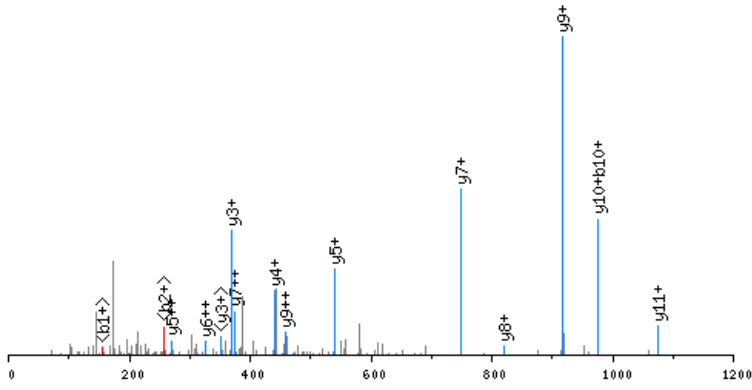
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

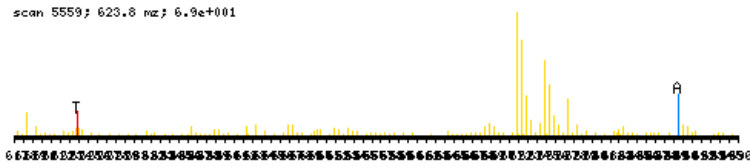
GO

scan 5563; 1.5e+000



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

scan 5559; 623.8 m/z; 6.9e+001



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

ETILEQQR, MH+ 1058.5482, m/z 529.7777
 L OSG41 P180811 230811-s1.06088.06088.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

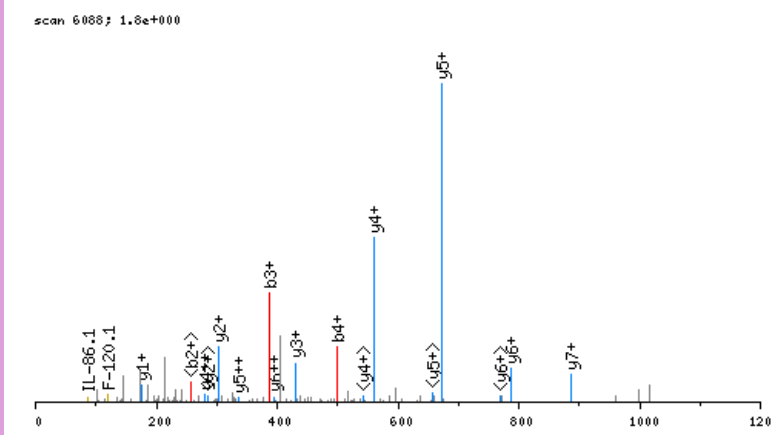
y + 2+ 3+

z + 2+ 3+

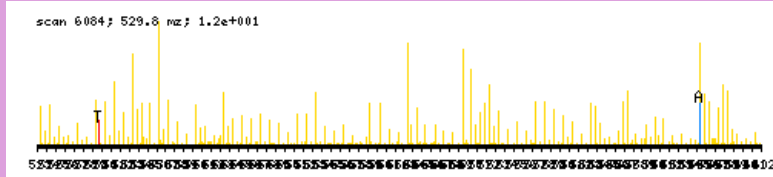
hide H₂O/NH₃

zoom 112-122

GO



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



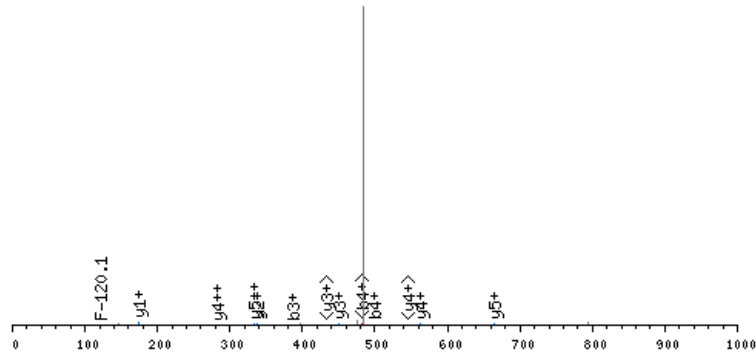
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

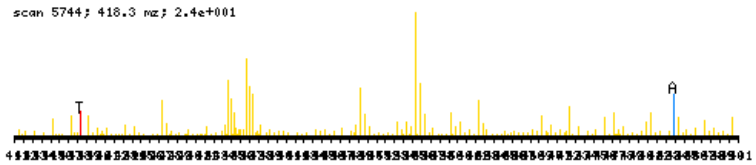
ETLLKR, MH+ 835.5466, m/z 418.2769
 L OSG38 P180811 230811-s1.05747.05747.2.dta

scan 5747; 2.7e+001



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

scan 5744; 418.3 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⁺
172.0610	1	E	6	
273.1087	2	T	5	664.4934 332.7506
386.1927	3	L	4	563.4457 282.2268
499.2768	4	L	3	450.3617 225.6847
661.4349	5	K	2	337.2776 169.1427
	6	R	1	175.1195 88.0637

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

ETPKPR, MH+ 797.4522, m/z 399.2297
 L OSG38 P180811 230811-s1.02268.02268.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

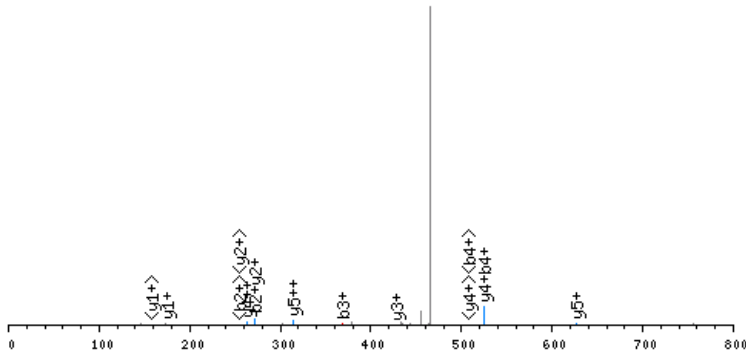
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

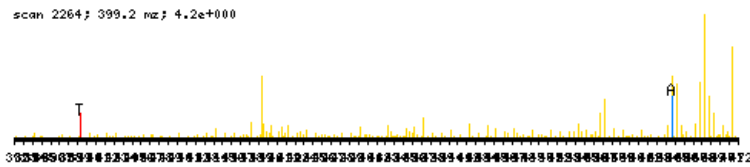
GO

scan 2268; 1.7e+001



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

scan 2264; 399.2 m/z; 4.2e+000



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

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
 L OSG41 P180811 230811-s1.07326.07326.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

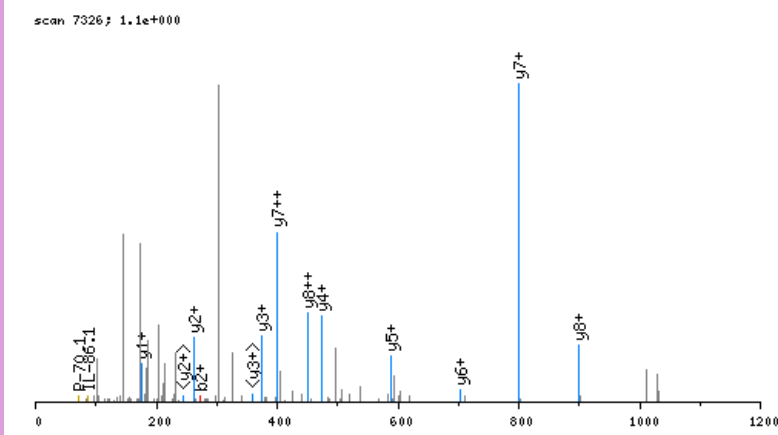
y + 2+ 3+

z + 2+ 3+

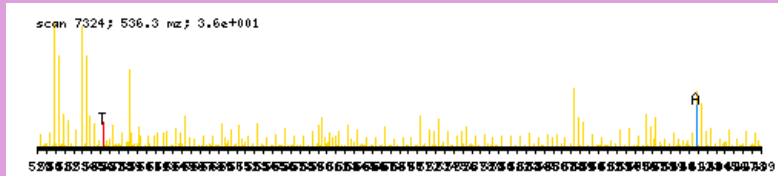
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

EVHELFR, MH+ 971.4951, m/z 486.2512
 L OSG38 P180811 230811-s1.06431.06431.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

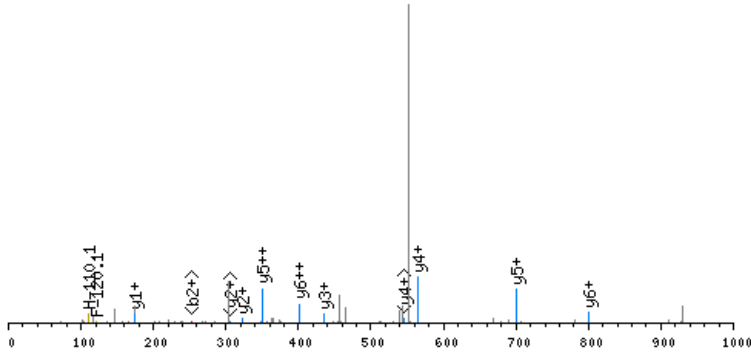
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

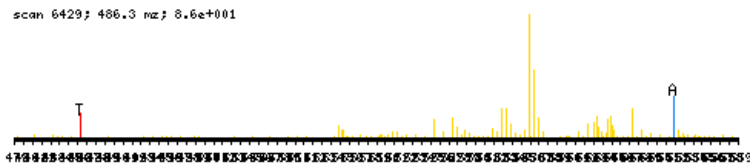
GO

scan 6431; 5.4e+000



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

scan 6429; 486.3 m/z; 8.6e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
172.0610	1	E 7		
271.1294	2	V 6	800.4419	400.7249
408.1883	3	H 5	701.3735	351.1907
537.2309	4	E 4	564.3146	282.6612
650.3150	5	L 3	435.2720	218.1399
797.3834	6	F 2	322.1879	161.5979
	7	R 1	175.1195	88.0637

N-term:+43.02

EVKPPPGRPQPDSDGR, MH+ 1692.9246, m/z 564.9797
 L OSG39 P180811 230811-s1.02828.02828.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

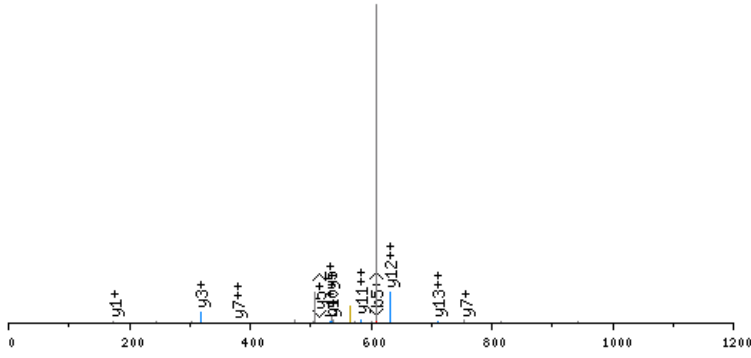
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

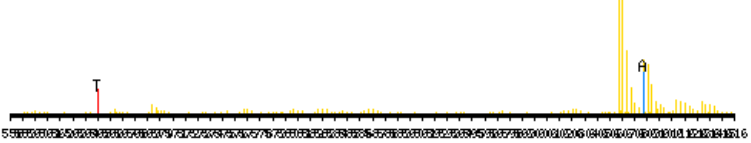
GO

scan 2828; 3.1e+001



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

scan 2826; 565.0 m/z; 7.8e+001



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	1521.8714	761.4396
433.2875	3	K	13	1422.8030	711.9054
530.3403	4	P	12	1260.6449	630.8264
627.3930	5	P	11	1163.5921	582.3000
724.4458	6	P	10	1066.5394	533.7736
781.4673	7	G	9	969.4866	485.2472
937.5684	8	R	8	912.4652	456.7365
1034.6211	9	P	7	756.3640	378.6859
1162.6797	10	Q	6	659.3113	330.1596
1259.7325	11	P	5	531.2527	266.1303
1374.7594	12	D	4	434.1999	217.6039
1461.7915	13	S	3	319.1730	160.0904
1518.8129	14	G	2	232.1410	116.5744
	15	R	1	175.1195	88.0637

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

EVKVVESSGGGLVQPGGSLR, MH+ 1938.0661, m/z 646.6935
 L OSG39 P180811 230811-s1.04908.04908.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

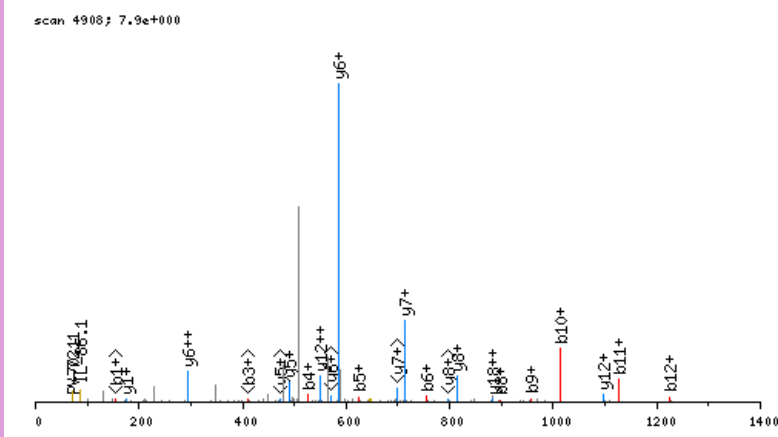
y + 2+ 3+

z + 2+ 3+

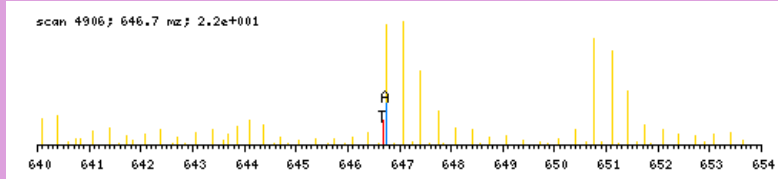
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
172.0610	1	E	19		
271.1294	2	V	18	1767.0129	884.0104
427.2557	3	K	17	1667.9445	834.4762
526.3241	4	V	16	1511.8182	756.4130
625.3925	5	V	15	1412.7498	706.8788
754.4351	6	E	14	1313.6814	657.3446
841.4672	7	S	13	1184.6388	592.8233
898.4886	8	G	12	1097.6067	549.3073
955.5101	9	G	11	1040.5853	520.7965
1012.5315	10	G	10	983.5638	492.2858
1125.6156	11	L	9	926.5423	463.7751
1224.6840	12	V	8	813.4583	407.2331
1352.7426	13	Q	7	714.3899	357.6988
1449.7954	14	P	6	586.3313	293.6696
1506.8168	15	G	5	489.2785	245.1432
1563.8383	16	G	4	432.2571	216.6324
1650.8703	17	S	3	375.2356	188.1217
1763.9544	18	L	2	288.2036	144.6057
	19	R	1	175.1195	88.0637

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

EVLATDTASQQER, MH+ 1489.7135, m/z 745.3604
 L OSG41 P180811 230811-s1.05630.05630.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

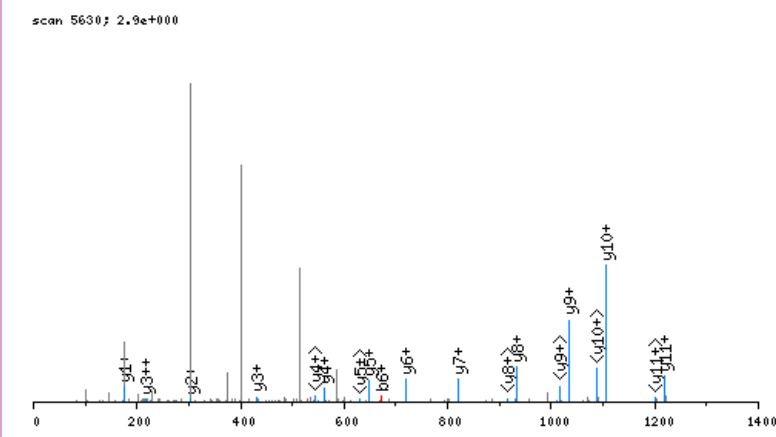
y + 2+ 3+

z + 2+ 3+

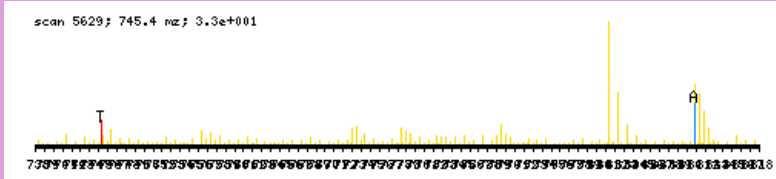
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

EVSQAASGTDGVR, MH+ 1318.6239, m/z 659.8156
 L OSG41 P180811 230811-s1.04032.04032.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

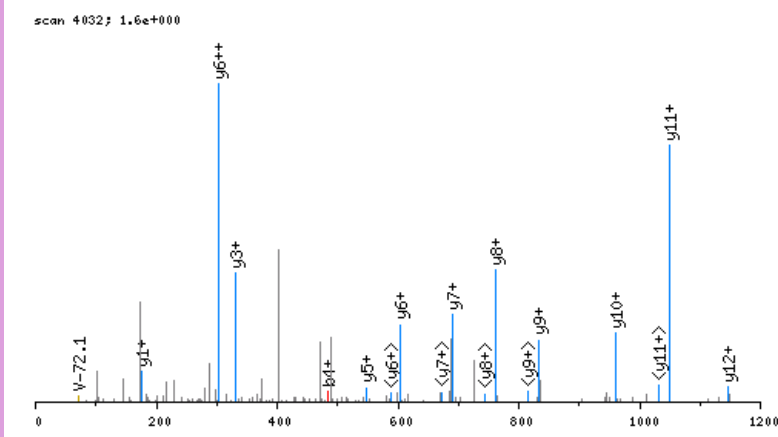
y + 2+ 3+

z + 2+ 3+

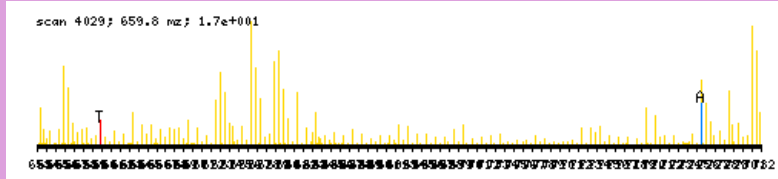
hide H₂O/NH₃

zoom 112-122

GO



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



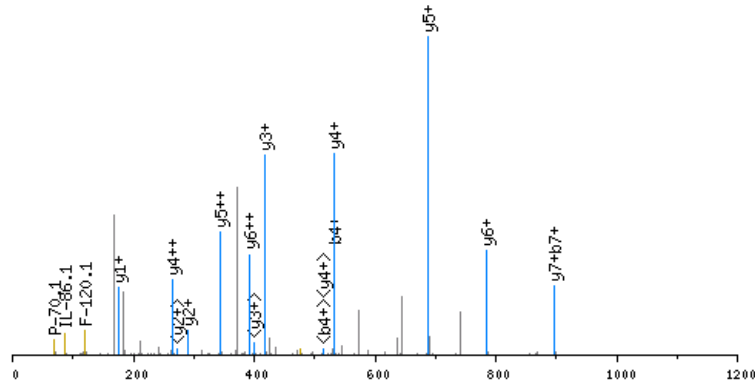
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

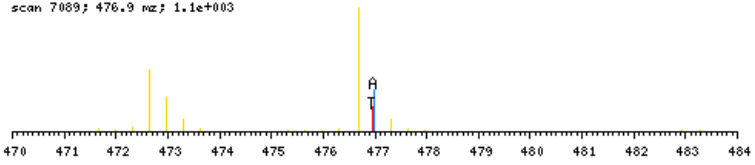
FADKLPKIQDR, MH+ 1428.8216, m/z 476.9454
 L OSG40 P180811 230811-s1.07090.07090.3.dta

scan 7090; 2.6e+001



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

scan 7089; 476.9 m/z; 1.1e+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⁺
190.0868	1	F	11		
261.1239	2	A	10	1239.7426	620.3752
376.1509	3	D	9	1168.7055	584.8566
532.2772	4	K	8	1053.6785	527.3432
645.3612	5	L	7	897.5522	449.2800
742.4140	6	P	6	784.4681	392.7380
898.5403	7	K	5	687.4154	344.2116
1011.6244	8	I	4	531.2891	266.1485
1139.6829	9	Q	3	418.2050	209.6064
1254.7099	10	D	2	290.1464	145.5771
	11	R	1	175.1195	88.0637

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

FAKAFR, MH+ 815.4992, m/z 408.2533
 L OSG38 P180811 230811-s1.06036.06036.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

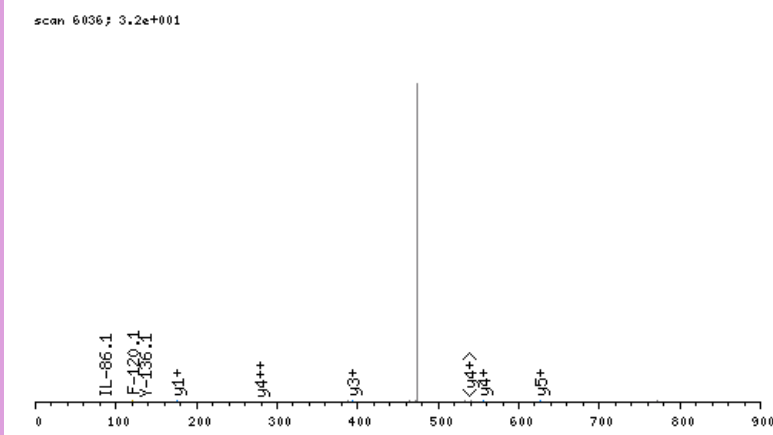
y + 2+ 3+

z + 2+ 3+

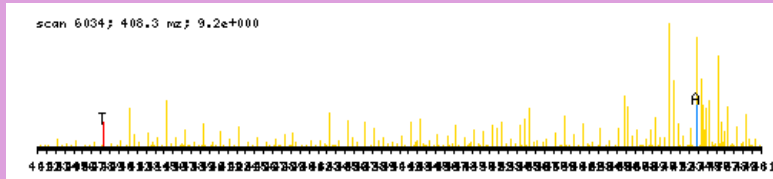
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 6		
261.1239	2	A 5	626.4202	313.7140
423.2820	3	K 4	555.3831	278.1955
494.3191	4	A 3	393.2250	197.1164
641.3876	5	F 2	322.1879	161.5979
	6	R 1	175.1195	88.0637

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

FAKGKGSVPSDQAR, MH+ 1685.9612, m/z 562.6586
 L OSG39 P180811 230811-s1.03063.03063.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

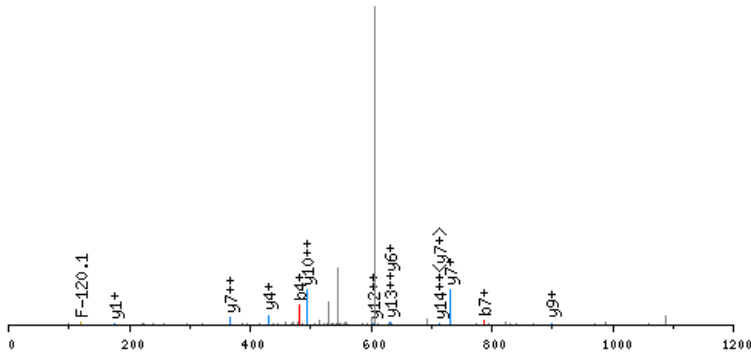
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

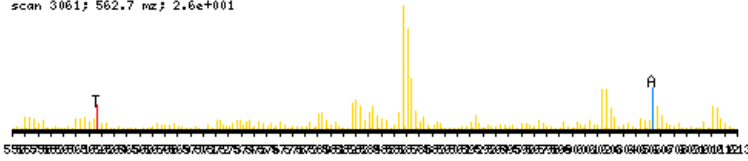
GO

scan 3063; 1.0e+001



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

scan 3061; 562.7 mz; 2.6e+001



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	1496.8822	748.9450
423.2820	3	K	14	1425.8451	713.4264
480.3035	4	G	13	1263.6870	632.3474
642.4616	5	K	12	1206.6655	603.8367
699.4831	6	G	11	1044.5074	522.7576
786.5151	7	S	10	987.4859	494.2469
857.5522	8	A	9	900.4539	450.7309
956.6206	9	V	8	829.4168	415.2123
1053.6734	10	P	7	730.3484	365.6781
1140.7054	11	S	6	633.2956	317.1517
1255.7323	12	D	5	546.2636	273.6357
1312.7538	13	G	4	431.2367	216.1222
1440.8124	14	Q	3	374.2152	187.6115
1511.8495	15	A	2	246.1566	123.5822
	16	R	1	175.1195	88.0637

N-term:+43.02 K(3):+162.16
 K(5):+162.16

FNVESVER, MH+ 1021.4955, m/z 511.2514
 L OSG41 P180811 230811-s1.06222.06222.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

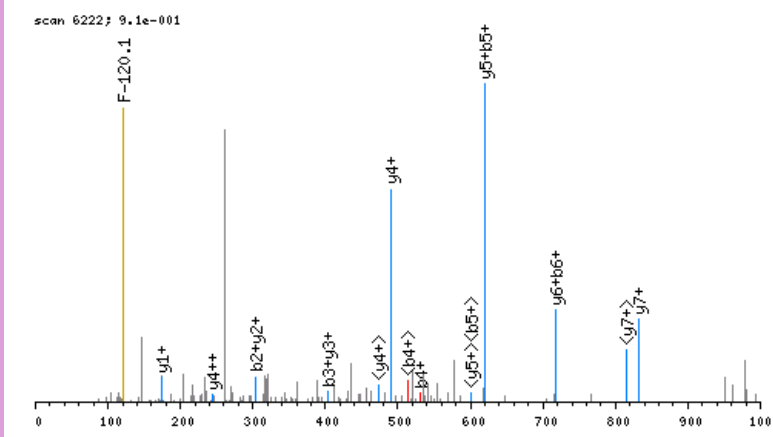
y + 2+ 3+

z + 2+ 3+

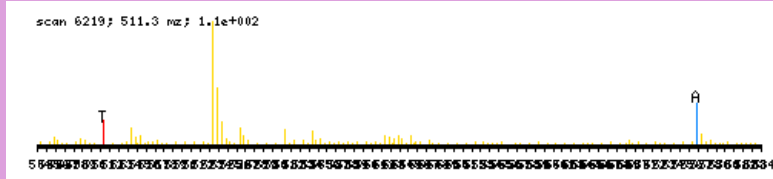
hide H₂O/NH₃

zoom 112-122

GO



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



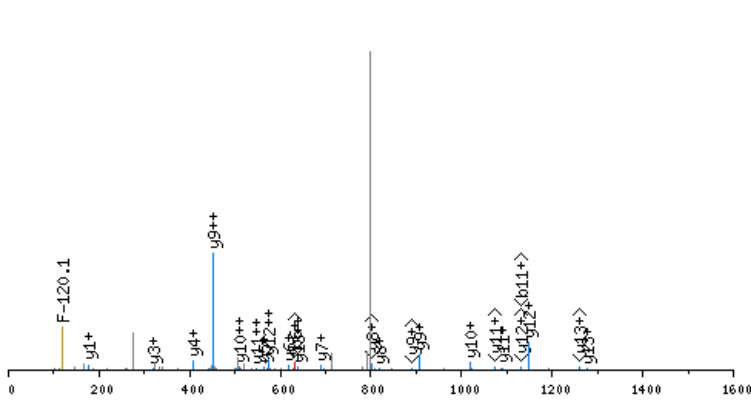
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
190.0868	1	F	8	
304.1297	2	N	7	832.4165
403.1982	3	V	6	718.3735
532.2407	4	E	5	619.3051
619.2728	5	S	4	490.2625
718.3412	6	V	3	403.2305
847.3838	7	E	2	304.1621
	8	R	1	175.1195

N-term:+43.02

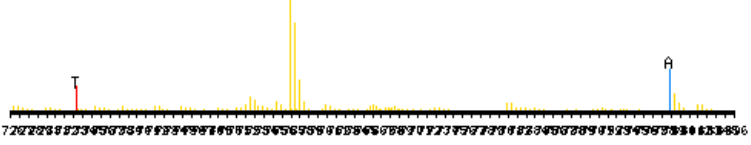
FQGADSQAGKSGSR, MH+ 1465.7036, m/z 733.3554
 L OSG37 P180811 230811-s1.03471.03471.2.dta

scan 3471; 8.8e+000



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

scan 3469; 733.4 m/z; 1.3e+002



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
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

FSEQAAQR, MH+ 978.4645, m/z 489.7359
 L OSG41 P180811 230811-s1.04086.04086.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

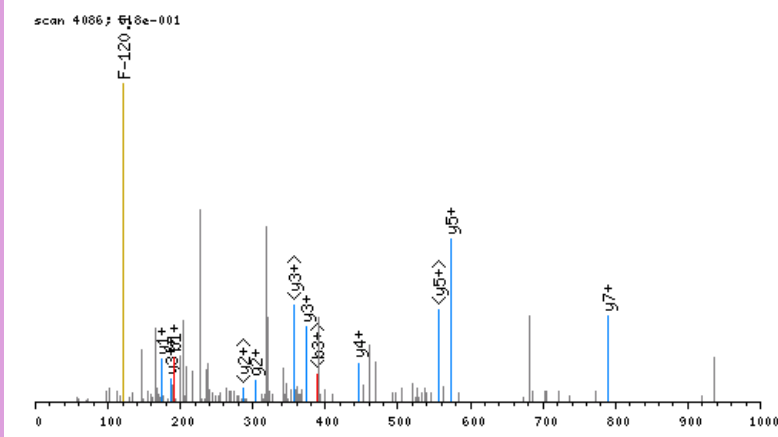
y + 2+ 3+

z + 2+ 3+

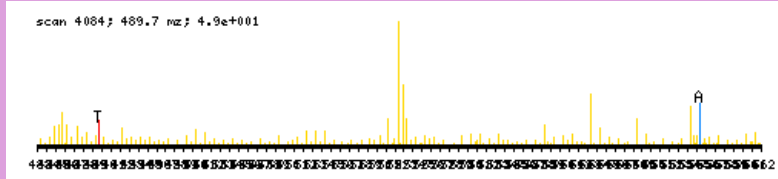
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
277.1188	2	S 7	789.3855	395.1967
406.1614	3	E 6	702.3535	351.6807
534.2200	4	Q 5	573.3109	287.1594
605.2571	5	A 4	445.2523	223.1301
676.2942	6	A 3	374.2152	187.6115
804.3528	7	Q 2	303.1781	152.0930
	8	R 1	175.1195	88.0637

N-term:+43.02

FSWVSKDAR, MH+ 1171.6324, m/z 586.3199
 L OSG37 P180811 230811-s1.07820.07820.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

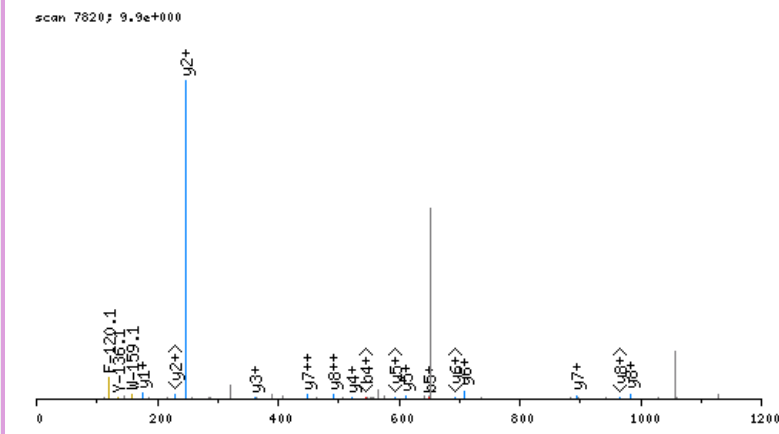
y + 2+ 3+

z + 2+ 3+

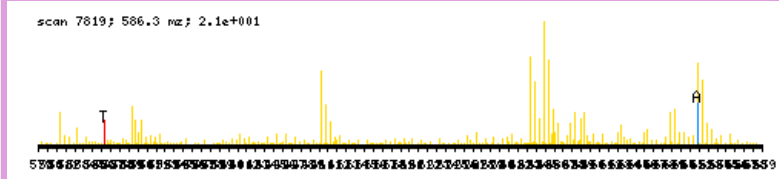
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	982.5534 491.7806
463.1982	3	W	7	895.5214 448.2646
562.2666	4	V	6	709.4421 355.2250
649.2986	5	S	5	610.3737 305.6908
811.4567	6	K	4	523.3417 262.1747
926.4836	7	D	3	361.1836 181.0957
997.5208	8	A	2	246.1566 123.5822
	9	R	1	175.1195 88.0637

N-term:+43.02 K(6):+162.16

FVQEEKIFAGKVLK, MH+ 1762.0268, m/z 588.0138
 L OSG39 P180811 230811-s1.07763.07763.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

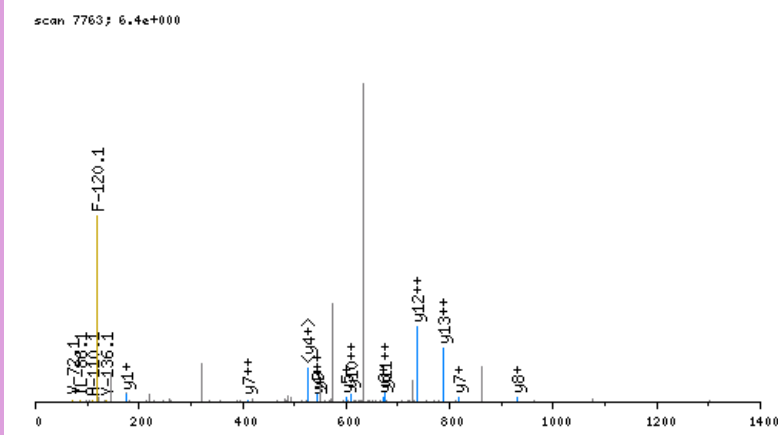
y + 2+ 3+

z + 2+ 3+

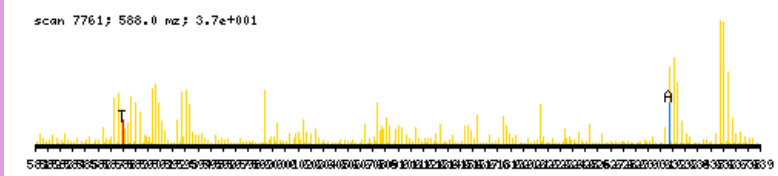
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
289.1552	2	V	13	1572.9478	786.9778
417.2138	3	Q	12	1473.8794	737.4436
546.2564	4	E	11	1345.8208	673.4143
675.2990	5	E	10	1216.7782	608.8930
831.4253	6	K	9	1087.7356	544.3717
944.5094	7	I	8	931.6093	466.3086
1091.5778	8	F	7	818.5253	409.7665
1162.6149	9	A	6	671.4569	336.2323
1219.6363	10	G	5	600.4197	300.7138
1375.7626	11	K	4	543.3983	272.2031
1474.8311	12	V	3	387.2720	194.1399
1587.9151	13	L	2	288.2036	144.6057
	14	R	1	175.1195	88.0637

N-term:+43.02 K(6):+156.13
 K(11):+156.13

GAGGALFVHR, MH+ 1026.5485, m/z 513.7779
 L OSG38 P180811 230811-s1.04696.04696.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

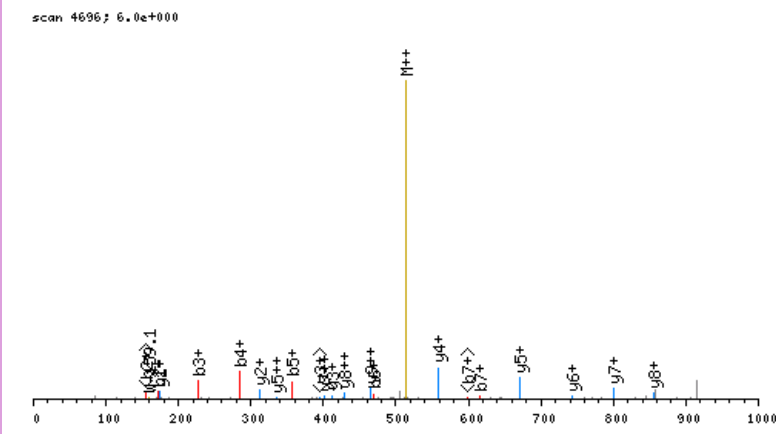
y + 2+ 3+

z + 2+ 3+

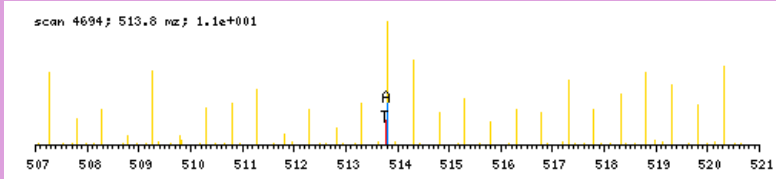
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	10		
171.0770	2	A	9	927.5165	464.2621
228.0984	3	G	8	856.4793	428.7436
285.1199	4	G	7	799.4579	400.2329
356.1570	5	A	6	742.4364	371.7221
469.2411	6	L	5	671.3993	336.2036
616.3095	7	F	4	558.3152	279.6615
715.3779	8	V	3	411.2468	206.1273
852.4368	9	H	2	312.1784	156.5931
	10	R	1	175.1195	88.0637

N-term:+43.02

GAVTDDEVIR, MH+ 1116.5537, m/z 558.7805
 L OSG41 P180811 230811-s1.03950.03950.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

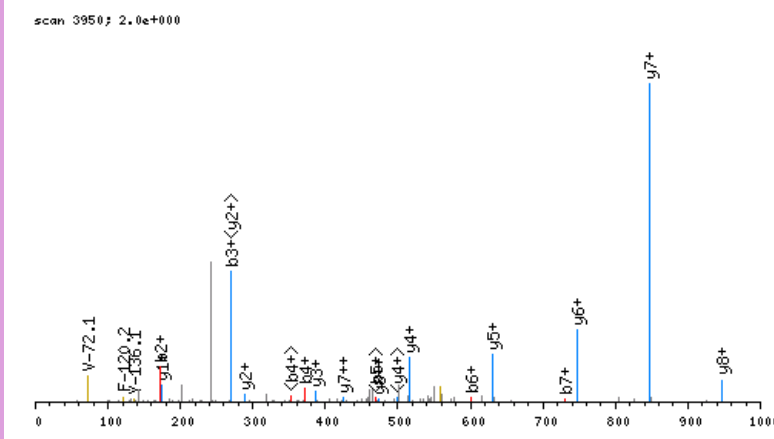
y + 2+ 3+

z + 2+ 3+

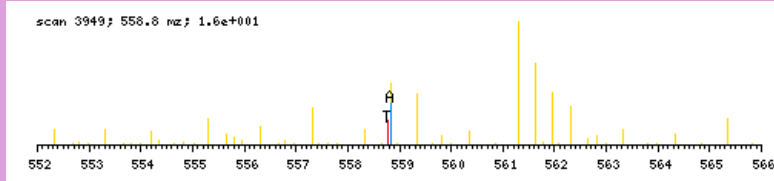
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	10		
171.0770	2	A	9	1017.5217	509.2647
270.1454	3	V	8	946.4846	473.7462
371.1931	4	T	7	847.4161	424.2120
486.2200	5	D	6	746.3685	373.6881
601.2470	6	D	5	631.3415	316.1747
730.2895	7	E	4	516.3146	258.6612
829.3580	8	V	3	387.2720	194.1399
942.4420	9	I	2	288.2036	144.6057
	10	R	1	175.1195	88.0637

N-term:+43.02

GDLPLNINIQEPR, MH+ 1520.8073, m/z 760.9073
 L OSG41 P180811 230811-s1.07002.07002.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

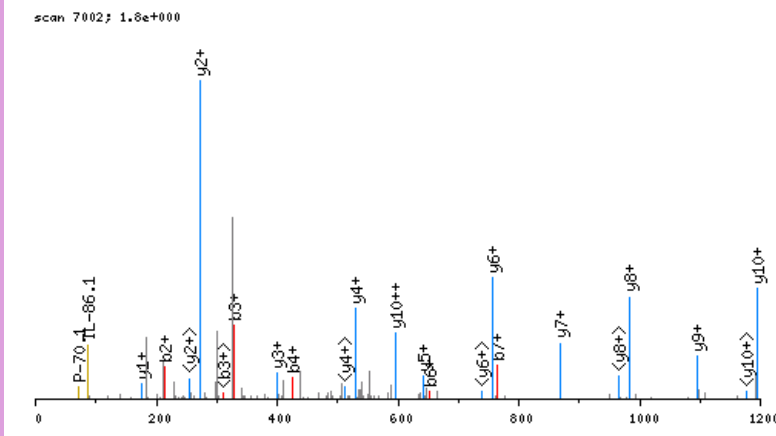
y + 2+ 3+

z + 2+ 3+

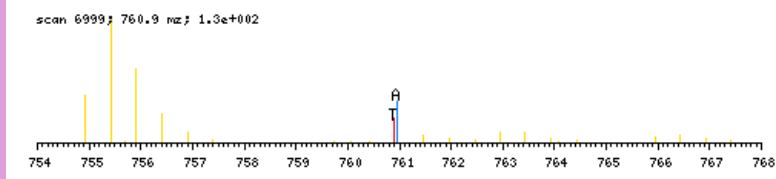
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
215.0668	2	D 12	1421.7753	711.3915
328.1509	3	L 11	1306.7483	653.8781
425.2036	4	P 10	1193.6642	597.3360
538.2877	5	L 9	1096.6115	548.8097
652.3306	6	N 8	983.5274	492.2676
765.4147	7	I 7	869.4845	435.2462
879.4576	8	N 6	756.4004	378.7041
992.5417	9	I 5	642.3575	321.6827
1120.6003	10	Q 4	529.2734	265.1406
1249.6429	11	E 3	401.2149	201.1113
1346.6956	12	P 2	272.1723	136.5900
	13	R 1	175.1195	88.0637

N-term:+43.02

GDLSHIER, MH+ 968.4801, m/z 484.7437
 L OSG38 P180811 230811-s1.04225.04225.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

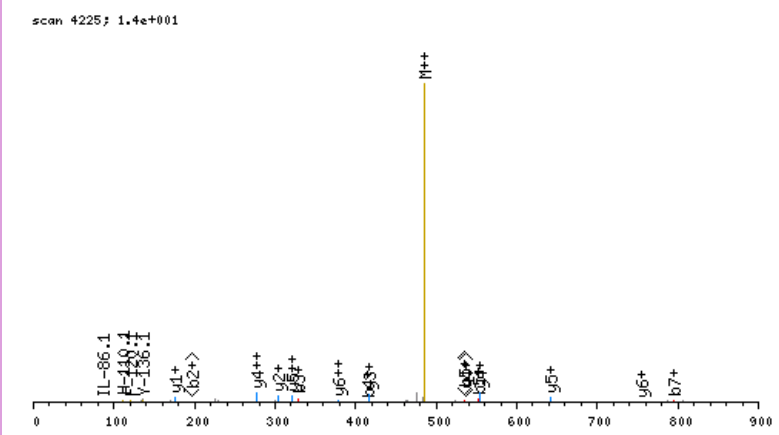
y + 2+ 3+

z + 2+ 3+

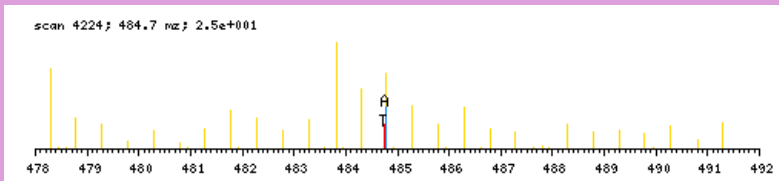
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 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

GEQPIFTTR, MH+ 1090.5533, m/z 545.7803
 L OSG41 P180811 230811-s1.04393.04393.2.dta

scan 4393; 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+

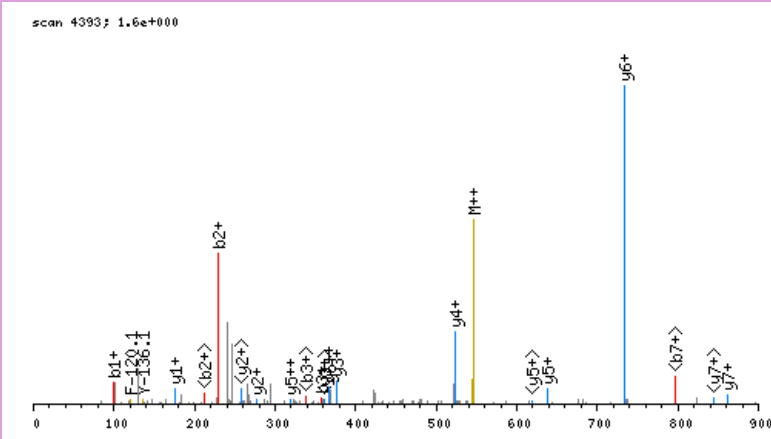
y + 2+ 3+

z + 2+ 3+

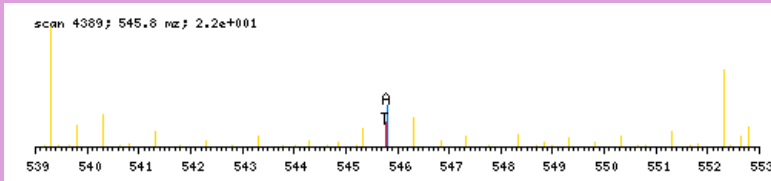
hide H₂O/NH₃

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⁺
100.0399	1	G	9	
229.0825	2	E	8	991.5213
357.1410	3	Q	7	862.4787
454.1938	4	P	6	734.4201
567.2779	5	I	5	637.3673
714.3463	6	F	4	524.2833
815.3940	7	T	3	377.2149
916.4416	8	T	2	276.1672
	9	R	1	175.1195

N-term:+43.02

GEVAGGAAPGPPR, MH+ 1177.5966, m/z 589.3019
 L OSG41 P180811 230811-s1.02946.02946.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

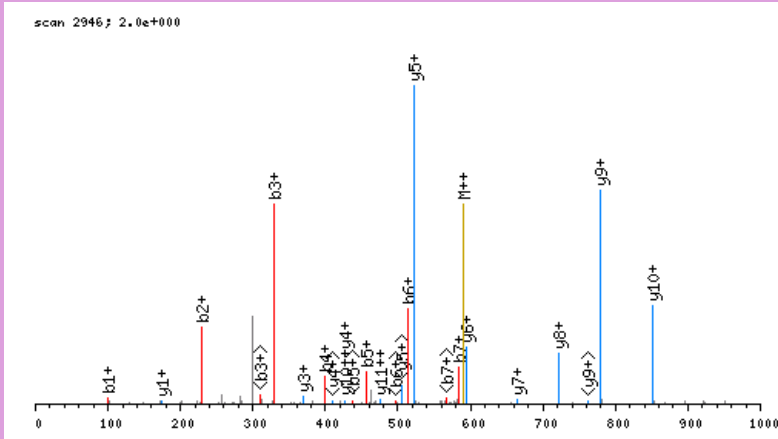
y + 2+ 3+

z + 2+ 3+

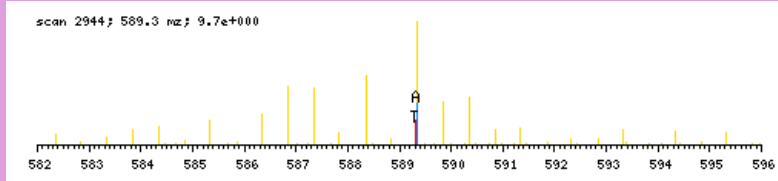
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

GNSVFPILNTLQR, MH+ 1500.8175, m/z 500.9440
 L OSG40 P180811 230811-s1.04175.04175.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

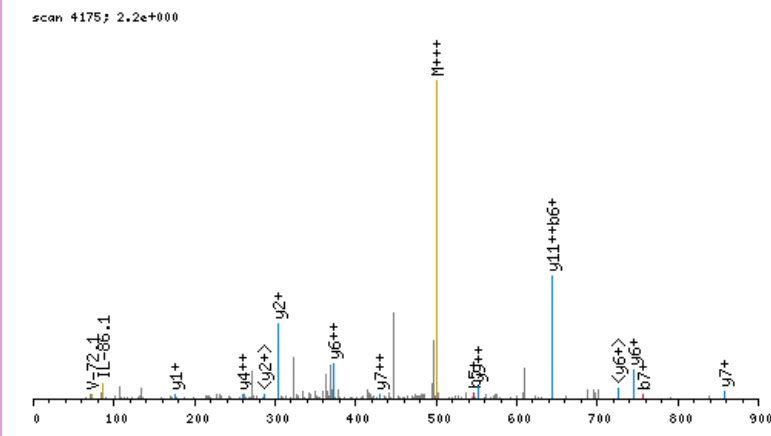
y + 2+ 3+

z + 2+ 3+

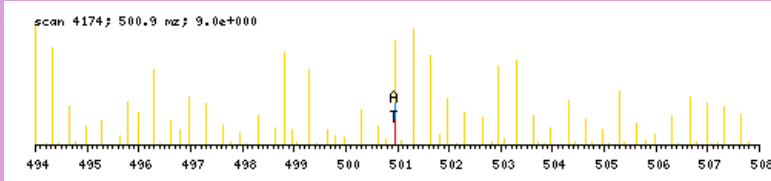
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
214.0828	2	N 12	1401.7854	701.3966
301.1148	3	S 11	1287.7425	644.3752
400.1832	4	V 10	1200.7105	600.8591
547.2516	5	F 9	1101.6421	551.3249
644.3044	6	P 8	954.5736	477.7907
757.3885	7	I 7	857.5209	429.2644
870.4725	8	L 6	744.4368	372.7223
984.5155	9	N 5	631.3527	316.1803
1085.5631	10	T 4	517.3098	259.1588
1198.6472	11	L 3	416.2621	208.6350
1326.7058	12	Q 2	303.1781	152.0930
	13	R 1	175.1195	88.0637

N-term:+43.02

GRVKAAAREGSR, MH+ 1327.7559, m/z 443.2568
 L OSG37 P180811 230811-s1.02666.02666.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

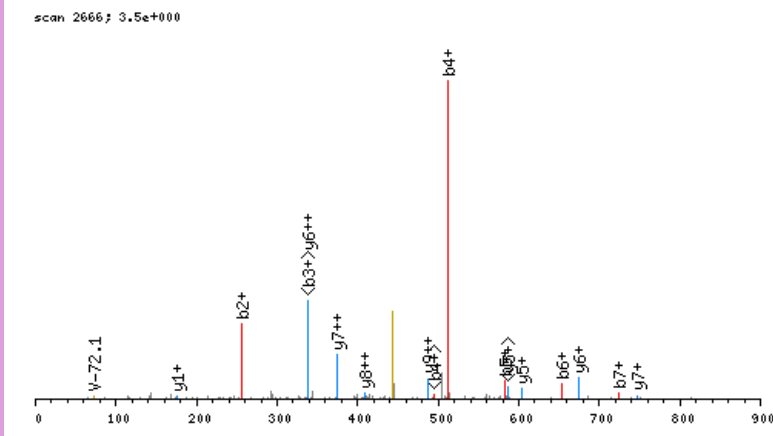
y + 2+ 3+

z + 2+ 3+

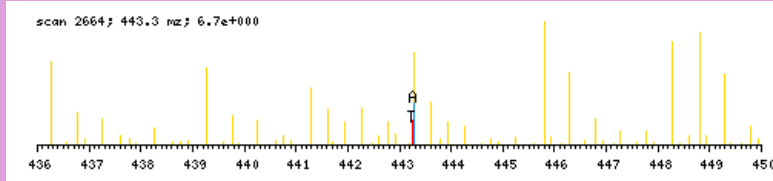
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
100.0399	1	G 12		
256.1410	2	R 11	1228.7239	614.8658
355.2094	3	V 10	1072.6228	536.8153
511.3357	4	K 9	973.5543	487.2811
582.3728	5	A 8	817.4280	409.2179
653.4099	6	A 7	746.3909	373.6994
724.4470	7	A 6	675.3538	338.1808
880.5481	8	R 5	604.3167	302.6623
1009.5907	9	E 4	448.2156	224.6117
1066.6122	10	G 3	319.1730	160.0904
1153.6442	11	S 2	262.1515	131.5797
	12	R 1	175.1195	88.0637

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

GITALVYHEDMTATR, MH+ 1606.7535, m/z 803.8804
 L OSG37 P180811 230811-s1.05076.05076.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

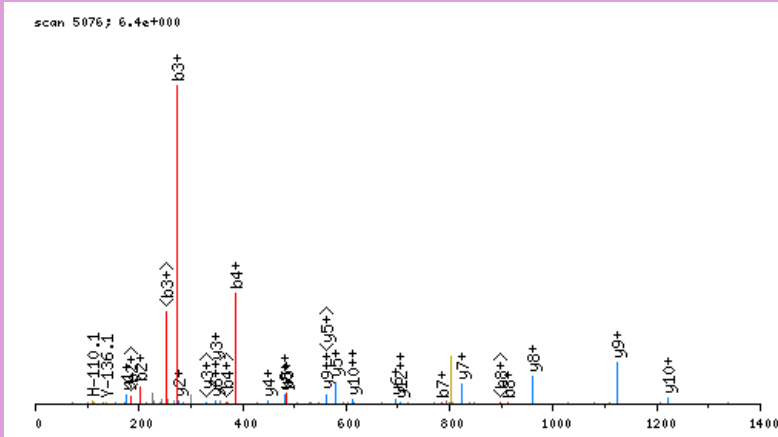
y + 2+ 3+

z + 2+ 3+

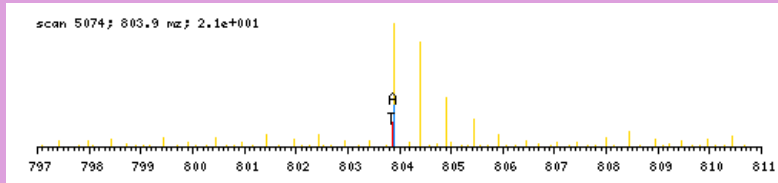
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 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

GTGGVDTAAVGAVFDISNADR, MH+ 2034.9732, m/z 678.9959
 L OSG37 P180811 230811-s1.08195.08195.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

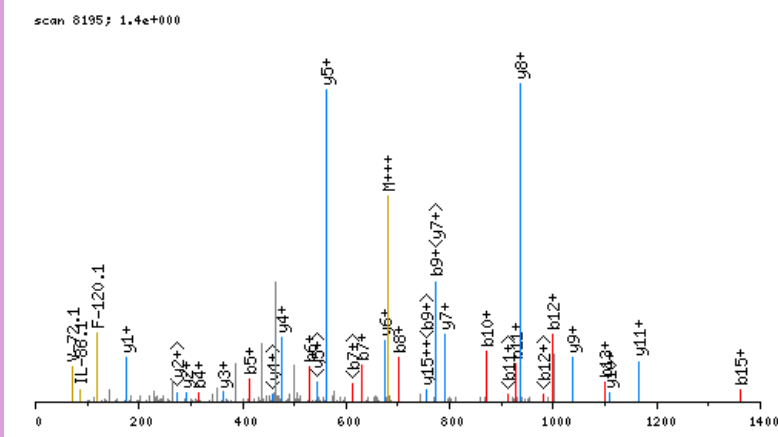
y + 2+ 3+

z + 2+ 3+

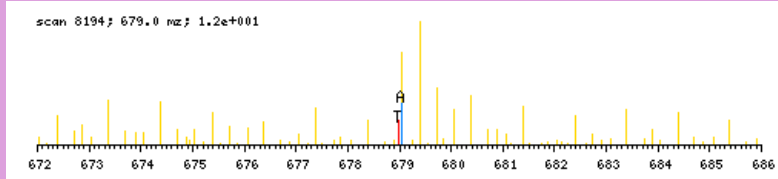
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 21		
201.0875	2	T 20	1935.9412	968.4745
258.1090	3	G 19	1834.8935	917.9507
315.1305	4	G 18	1777.8721	889.4399
414.1989	5	V 17	1720.8506	860.9292
529.2258	6	D 16	1621.7822	811.3950
630.2735	7	T 15	1506.7552	753.8815
701.3106	8	A 14	1405.7076	703.3577
772.3477	9	A 13	1334.6705	667.8391
871.4161	10	V 12	1263.6333	632.3206
928.4376	11	G 11	1164.5649	582.7864
999.4747	12	A 10	1107.5435	554.2756
1098.5431	13	V 9	1036.5063	518.7571
1245.6116	14	F 8	937.4379	469.2229
1360.6385	15	D 7	790.3695	395.6887
1473.7226	16	I 6	675.3426	338.1752
1560.7546	17	S 5	562.2585	281.6332
1674.7975	18	N 4	475.2265	238.1172
1745.8346	19	A 3	361.1836	181.0957
1860.8616	20	D 2	290.1464	145.5771
	21	R 1	175.1195	88.0637

N-term:+43.02

GTLPKQVKIVEVGPR, MH+ 1731.1170, m/z 577.7105
 L OSG39 P180811 230811-s1.04718.04718.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

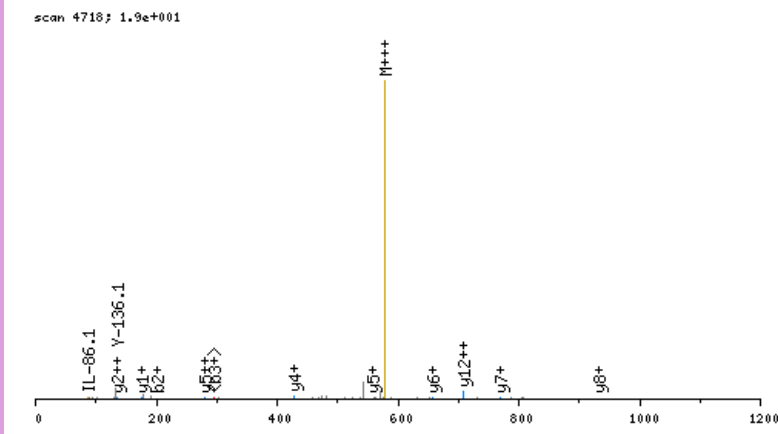
y + 2+ 3+

z + 2+ 3+

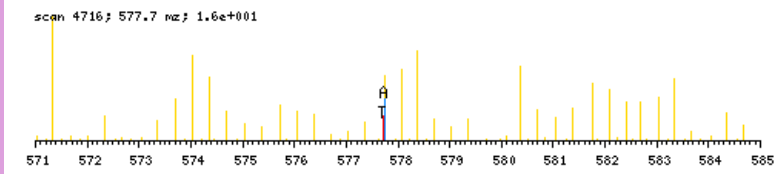
hide H₂O/NH₃

zoom 112-122

GO



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



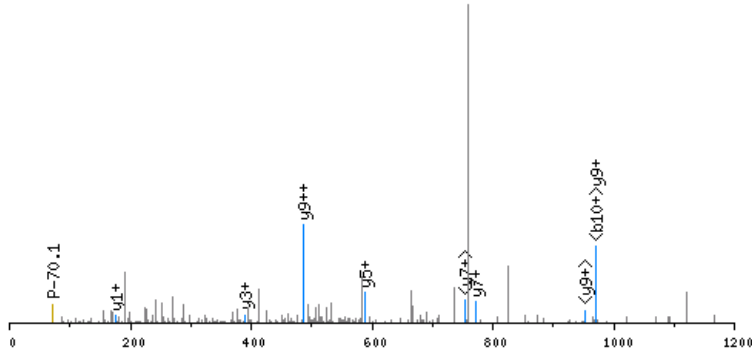
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
100.0399	1	G 15		
201.0875	2	T 14	1632.0849	816.5464
314.1716	3	L 13	1531.0372	766.0225
411.2244	4	P 12	1417.9532	709.4805
573.3825	5	K 11	1320.9004	660.9541
701.4410	6	Q 10	1158.7423	579.8751
800.5095	7	V 9	1030.6837	515.8458
962.6676	8	K 8	931.6153	466.3116
1075.7516	9	I 7	769.4572	385.2325
1174.8200	10	V 6	656.3731	328.6905
1303.8626	11	E 5	557.3047	279.1563
1402.9310	12	V 4	428.2621	214.6350
1459.9525	13	G 3	329.1937	165.1008
1557.0053	14	P 2	272.1723	136.5900
	15	R 1	175.1195	88.0637

N-term:+43.02 K(5):+162.16
 K(8):+162.16

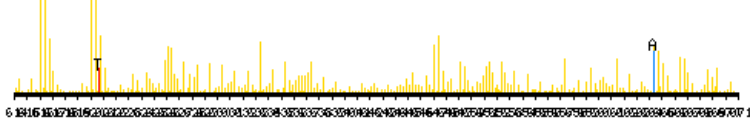
HSLATAAPVPTALAQVDR, MH+ 1859.9979, m/z 620.6708
 L OSG36 P180811 230811-s1.05290.05290.3.dta

scan 5290; 2.0e+000



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

scan 5289; 620.7 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

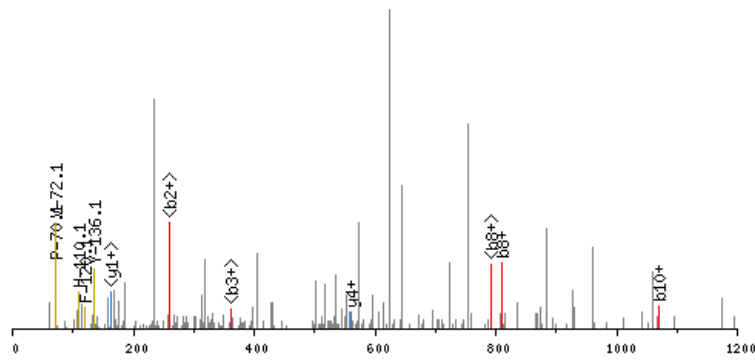
GO

b ⁺	#	AA #	y ⁺	y ²⁺
180.0773	1	H 18		
267.1093	2	S 17	1680.9285	840.9681
380.1934	3	L 16	1593.8964	797.4521
451.2305	4	A 15	1480.8124	740.9101
552.2782	5	T 14	1409.7753	705.3915
623.3153	6	A 13	1308.7276	654.8677
694.3524	7	A 12	1237.6905	619.3491
791.4052	8	P 11	1166.6533	583.8306
890.4736	9	V 10	1069.6006	535.3042
987.5264	10	P 9	970.5322	485.7700
1088.5740	11	T 8	873.4794	437.2436
1159.6112	12	A 7	772.4317	386.7198
1272.6952	13	L 6	701.3946	351.2012
1343.7323	14	A 5	588.3105	294.6592
1471.7909	15	Q 4	517.2734	259.1406
1570.8593	16	V 3	389.2149	195.1113
1685.8863	17	D 2	290.1464	145.5771
	18	R 1	175.1195	88.0637

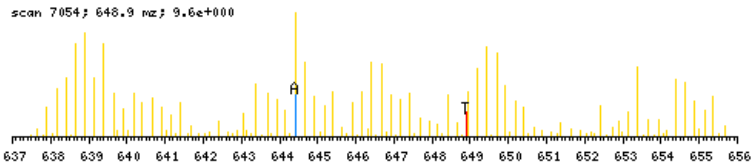
N-term:+43.02

HVTSSVVGYPKFKAPPTGASQKK, MH+ 2592.5827, m/z 648.9011
 L OSG40 P180811 230811-s1.07057.07057.4.dta

scan 7057; 6.8e-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

b ⁺	#	AA #	y ⁺	y ²⁺
180.0773	1	H 23		
279.1457	2	V 22	2413.5132	1207.2605
380.1934	3	T 21	2314.4448	1157.7263
467.2254	4	S 20	2213.3971	1107.2025
554.2575	5	S 19	2126.3651	1063.6865
653.3259	6	V 18	2039.3331	1020.1705
752.3943	7	V 17	1940.2647	970.6363
809.4158	8	G 16	1841.1963	921.1020
972.4791	9	Y 15	1784.1748	892.5913
1069.5318	10	P 14	1621.1115	811.0596
1231.6899	11	K 13	1524.0587	762.5333
1378.7584	12	F 12	1361.9006	681.4542
1540.9165	13	K 11	1214.8322	607.9200
1611.9536	14	A 10	1052.6741	526.8410
1709.0063	15	P 9	981.6370	491.3224
1806.0591	16	P 8	884.5842	442.7960
1907.1068	17	T 7	787.5315	394.2696
1964.1282	18	G 6	686.4838	343.7458
2035.1654	19	A 5	629.4623	315.2351
2122.1974	20	S 4	558.4252	279.7165
2250.2560	21	Q 3	471.3932	236.2005
2412.4141	22	K 2	343.3346	172.1712
	23	K 1	181.1765	91.0922

N-term:+43.02 K(11):+162.16
 K(13):+162.16 K(22):+162.16
 K(23):+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

IQMTQSTSSLSASLGDR, MH+ 1823.8809, m/z 608.6318
 L OSG36 P180811 230811-s1.04520.04520.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

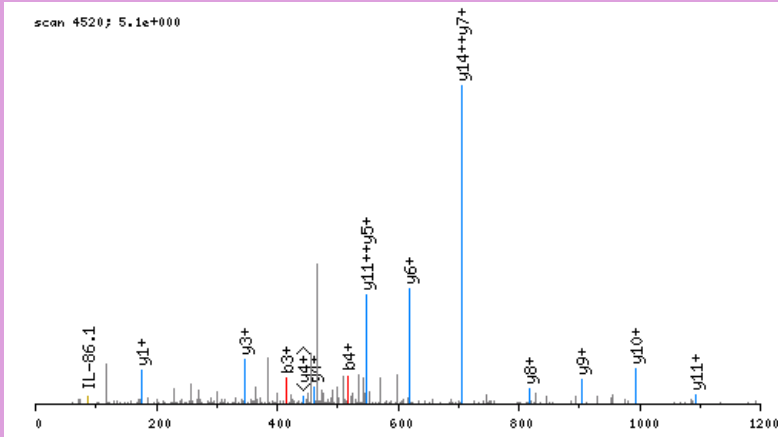
y + 2+ 3+

z + 2+ 3+

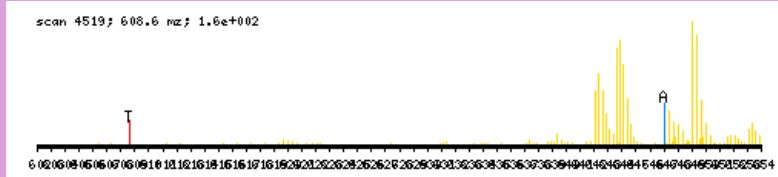
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

KAGLAGTR, MH+ 849.5371, m/z 425.2722
 L OSG38 P180811 230811-s1.03112.03112.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

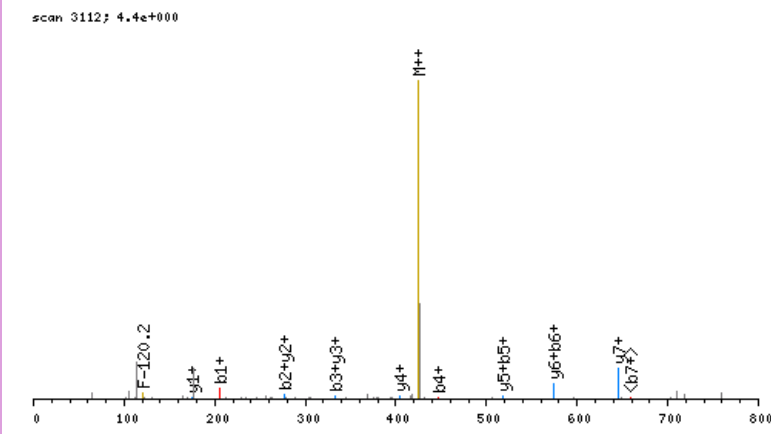
y + 2+ 3+

z + 2+ 3+

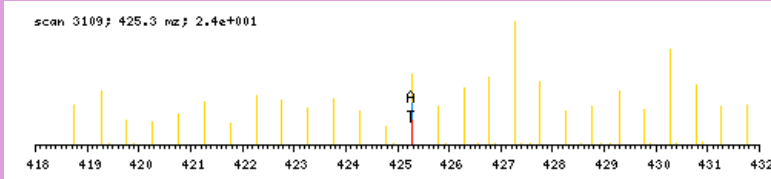
hide H₂O/NH₃

zoom 112-122

GO



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



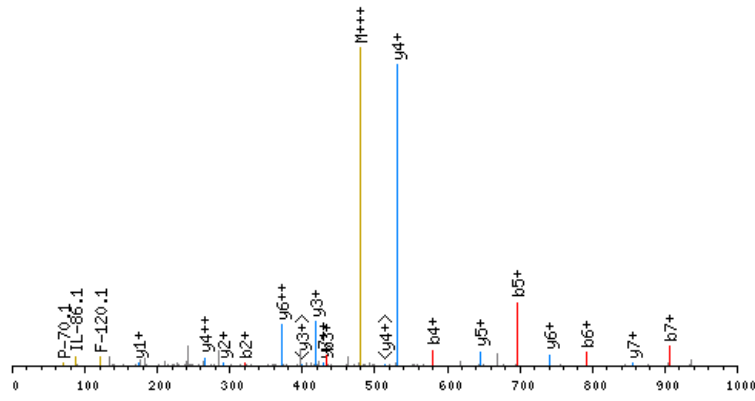
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
205.1765	1	K	8	
276.2136	2	A	7	645.3684 323.1881
333.2351	3	G	6	574.3313 287.6696
446.3191	4	L	5	517.3098 259.1588
517.3563	5	A	4	404.2258 202.6168
574.3777	6	G	3	333.1886 167.0982
675.4254	7	T	2	276.1672 138.5875
	8	R	1	175.1195 88.0637

N-term:+43.02 K(1):+162.16

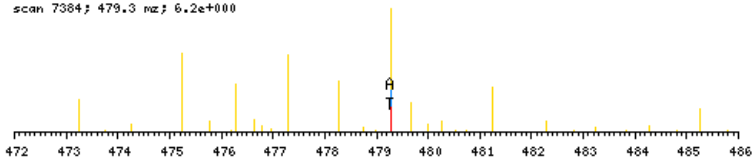
KDLFDPIIQDR, MH+ 1435.8010, m/z 479.2718
 L OSG38 P180811 230811-s1.07385.07385.3.dta

scan 7385; 4.0e+000



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

scan 7384; 479.3 m/z; 6.2e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

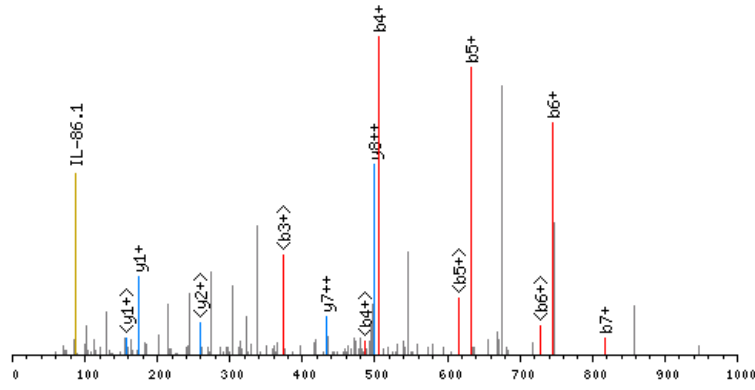
GO

b ⁺	#	AA #	y ⁺	y ²⁺
205.1765	1	K 11		
320.2034	2	D 10	1231.6323	616.3201
433.2875	3	L 9	1116.6053	558.8066
580.3559	4	F 8	1003.5213	502.2645
695.3829	5	D 7	856.4529	428.7303
792.4356	6	P 6	741.4259	371.2169
905.5197	7	I 5	644.3731	322.6905
1018.6038	8	I 4	531.2891	266.1485
1146.6623	9	Q 3	418.2050	209.6064
1261.6893	10	D 2	290.1464	145.5771
	11	R 1	175.1195	88.0637

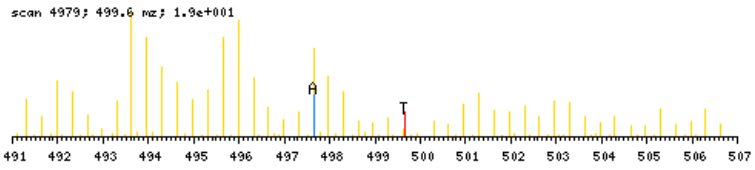
N-term:+43.02 K(1):+162.16

KGELELAELKTR, MH+ 1496.9325, m/z 499.6490
 L OSG40 P180811 230811-s1.04981.04981.3.dta

scan 4981; 7.9e-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⁺
205.1765	1	K	12		
262.1980	2	G	11	1292.7638	646.8858
391.2406	3	E	10	1235.7424	618.3751
504.3246	4	L	9	1106.6998	553.8538
633.3672	5	E	8	993.6157	497.3118
746.4513	6	L	7	864.5731	432.7905
817.4884	7	A	6	751.4891	376.2484
946.5310	8	E	5	680.4519	340.7299
1059.6150	9	L	4	551.4093	276.2086
1221.7731	10	K	3	438.3253	219.6666
1322.8208	11	T	2	276.1672	138.5875
	12	R	1	175.1195	88.0637

N-term:+43.02 K(1):+162.16
 K(10):+162.16

KKVAVVR, MH+ 909.6886, m/z 455.3480
 L OSG40 P180811 230811-s1.03852.03852.2.dta

scan 3852; 1.7e+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+

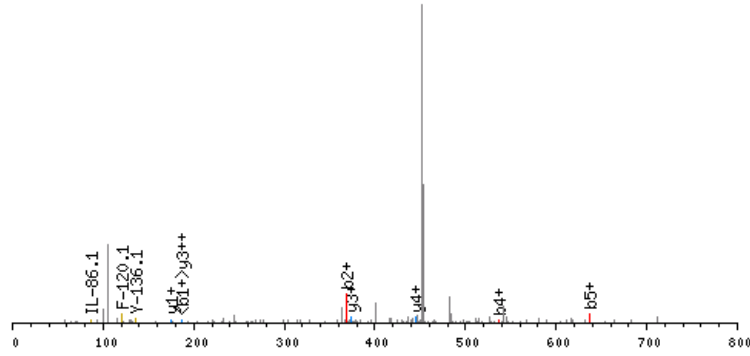
y + 2+ 3+

z + 2+ 3+

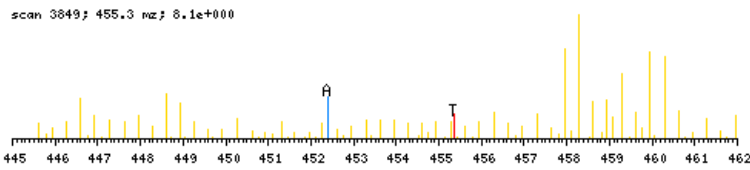
hide H₂O/NH₃

zoom 112-122

GO



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



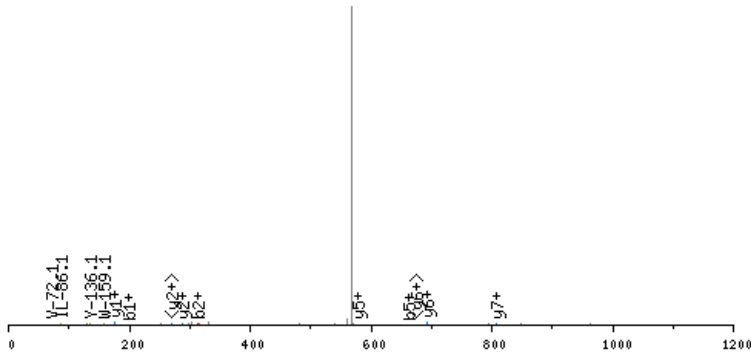
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
205.1765	1	K	7	
367.3346	2	K	6	705.5200 353.2639
466.4030	3	V	5	543.3619 272.1848
537.4401	4	A	4	444.2934 222.6506
636.5085	5	V	3	373.2563 187.1321
735.5770	6	V	2	274.1879 137.5979
	7	R	1	175.1195 88.0637

N-term:+43.02 K(1):+162.16
 K(2):+162.16

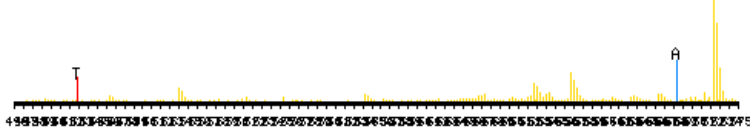
KLNFSGLR, MH+ 1004.5893, m/z 502.7983
 L OSG37 P180811 230811-s1.06865.06865.2.dta

scan 6865; 2.1e+001



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

scan 6864; 502.8 m/z; 3.7e+002



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

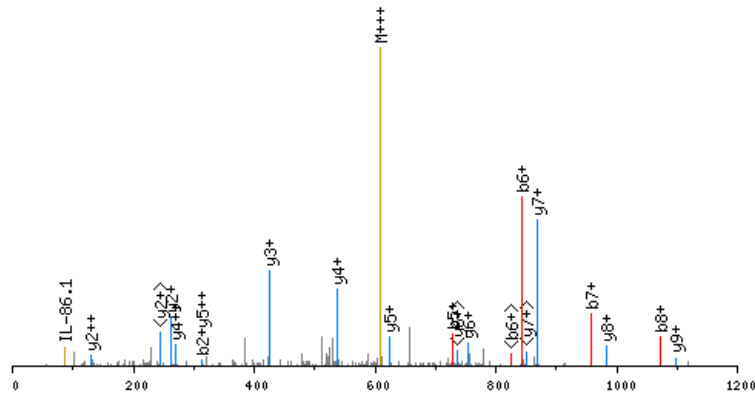
GO

b ⁺	#	AA #	y ⁺	y ²⁺
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

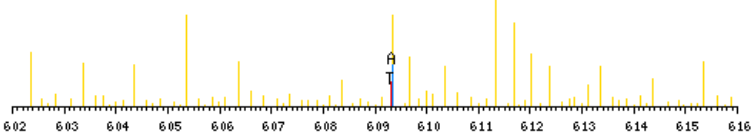
KNKEMDIDESLYSR, MH+ 1825.9007, m/z 609.3051
 L OSG36 P180811 230811-s1.03583.03583.3.dta

scan 3583; 1.9e+000



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

scan 3579; 609.3 mz; 3.7e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
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

KPPASIFAR, MH+ 1056.6206, m/z 528.8140
 L OSG37 P180811 230811-s1.03415.03415.2.dta

scan 3415; 4.3e+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+

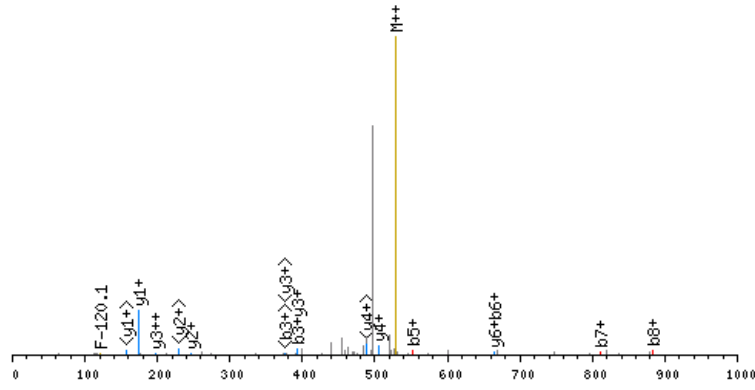
y + 2+ 3+

z + 2+ 3+

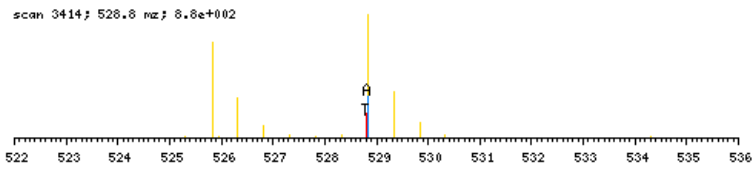
hide H₂O/NH₃

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⁺
199.1447	1	K	9	
296.1975	2	P	8	858.4838 429.7458
393.2502	3	P	7	761.4310 381.2194
464.2873	4	A	6	664.3782 332.6930
551.3194	5	S	5	593.3411 297.1745
664.4034	6	I	4	506.3091 253.6585
811.4718	7	F	3	393.2250 197.1164
882.5090	8	A	2	246.1566 123.5822
	9	R	1	175.1195 88.0637

N-term:+43.02 K(1):+156.13

KQPKNLEGYVGFANLPNQVYR, MH+ 2545.4204, m/z 849.1450
 L OSG39 P180811 230811-s1.06749.06749.3.dta

X-range:

0 - 0

MassTol: Y-zoom:

0. 1.

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

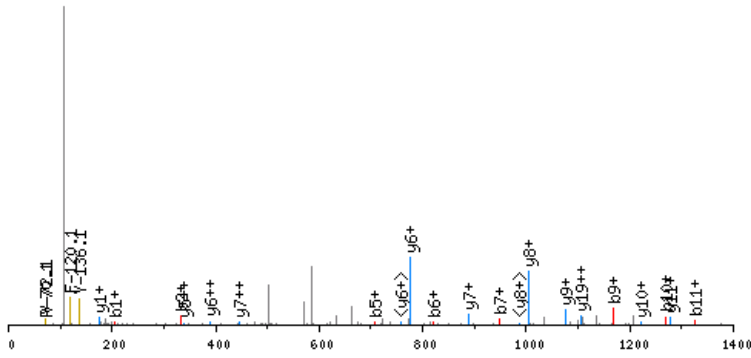
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

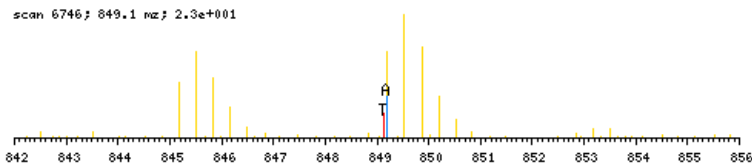
scan 6749; 5.1e+000



click image to zoom in; click top corners to zoom out

[precursor±]

scan 6746; 849.1 m/z; 2.3e+001



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

LADELGGLWENSR, MH+ 1501.7287, m/z 501.2478
 L OSG37 P180811 230811-s1.02108.02108.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

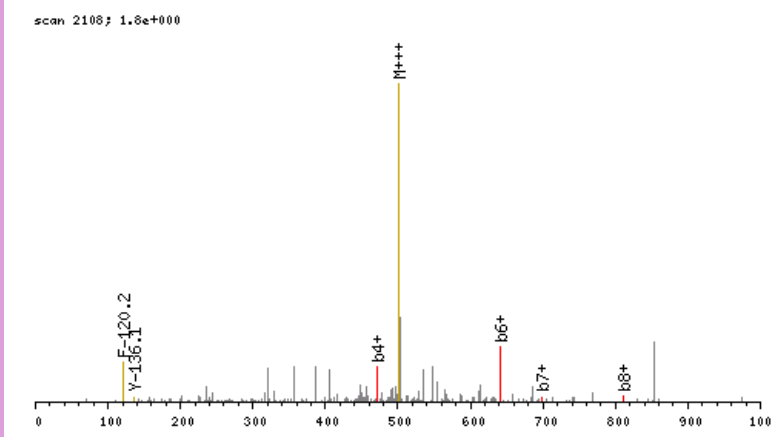
y + 2+ 3+

z + 2+ 3+

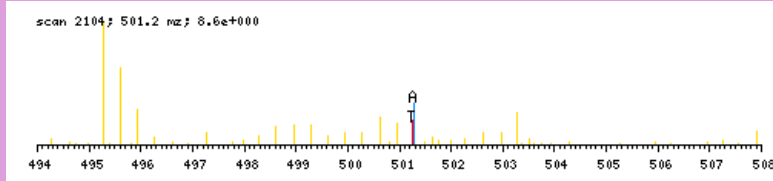
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
156.1025	1	L 13		
227.1396	2	A 12	1346.6341	673.8209
342.1665	3	D 11	1275.5970	638.3024
471.2091	4	E 10	1160.5700	580.7889
584.2932	5	L 9	1031.5274	516.2676
641.3146	6	G 8	918.4434	459.7256
698.3361	7	G 7	861.4219	431.2149
811.4202	8	L 6	804.4004	402.7041
997.4995	9	W 5	691.3164	346.1621
1126.5421	10	E 4	505.2370	253.1224
1240.5850	11	N 3	376.1945	188.6011
1327.6170	12	S 2	262.1515	131.5797
	13	R 1	175.1195	88.0637

N-term:+43.02

LGGLGKLAEEGLAHR, MH+ 1538.9231, m/z 513.6459
 L OSG39 P180811 230811-s1.07717.07717.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

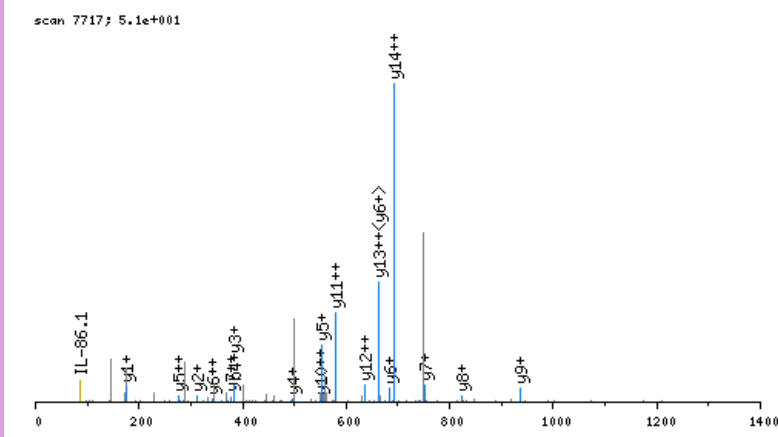
y + 2+ 3+

z + 2+ 3+

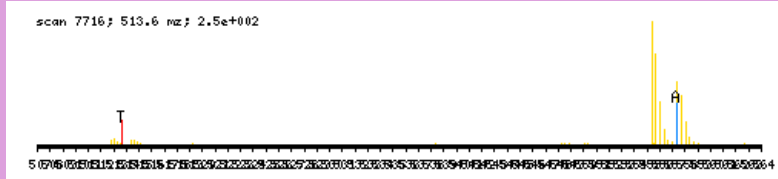
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1383.8285	692.4182
270.1454	3	G 13	1326.8070	663.9074
383.2295	4	L 12	1269.7856	635.3967
440.2509	5	G 11	1156.7015	578.8547
602.4090	6	K 10	1099.6800	550.3439
715.4931	7	L 9	937.5219	469.2649
786.5302	8	A 8	824.4379	412.7228
857.5673	9	A 7	753.4008	377.2043
986.6099	10	E 6	682.3636	341.6857
1043.6314	11	G 5	553.3211	277.1644
1156.7154	12	L 4	496.2996	248.6537
1227.7525	13	A 3	383.2155	192.1117
1364.8115	14	H 2	312.1784	156.5931
	15	R 1	175.1195	88.0637

N-term:+43.02 K(6):+162.16

LGSFGKAER, MH+ 1040.5953, m/z 520.8013
 L OSG37 P180811 230811-s1.05038.05038.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

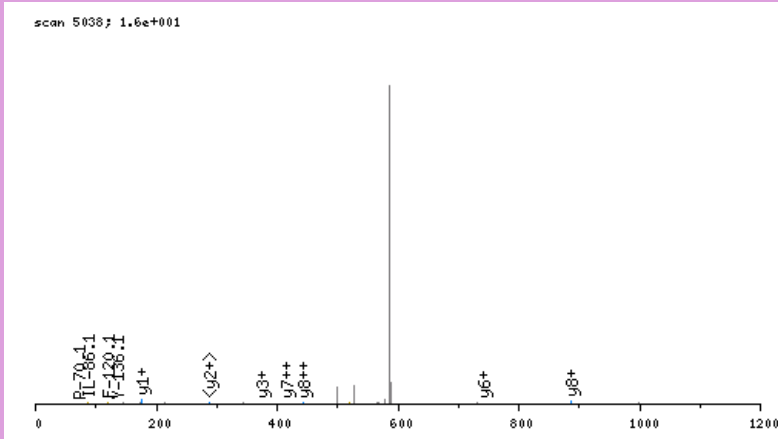
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO



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



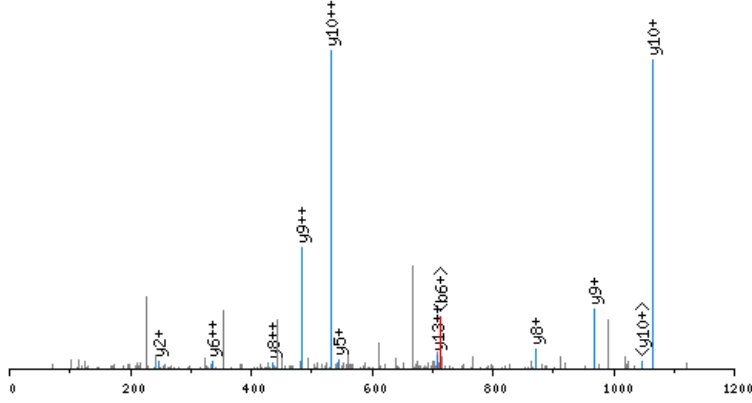
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
156.1025	1	L 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

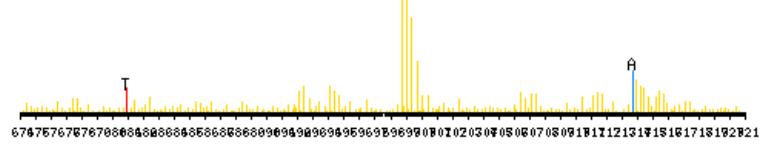
LKPQPPQOTSQPQQPPPTQQAVAR, MH+ 2720.4484, m/z 680.8676
 L OSG36 P180811 230811-s1.03378.03378.4.dta

scan 3378; 2.2e+000



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

scan 3374; 680.9 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

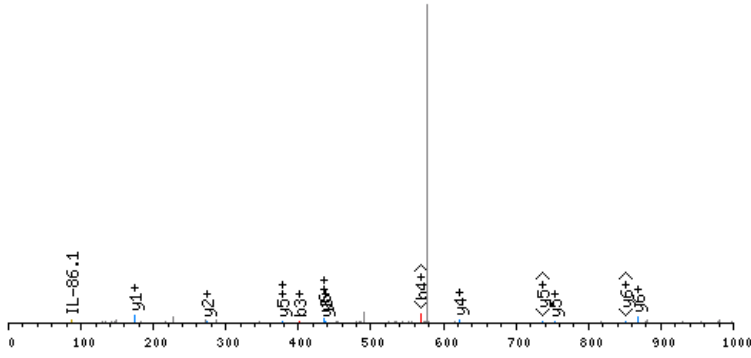
GO

b ⁺	#	AA #	y ⁺	y ²⁺
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

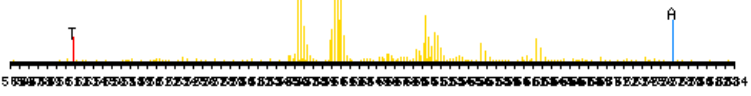
N-term:+43.02 K(2):+156.13

LNMWKVR, MH+ 1022.6034, m/z 511.8053
 L OSG37 P180811 230811-s1.07901.07901.2.dta

scan 7901; 9.2e+000



scan 7899; 511.8 m/z; 1.9e+002



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

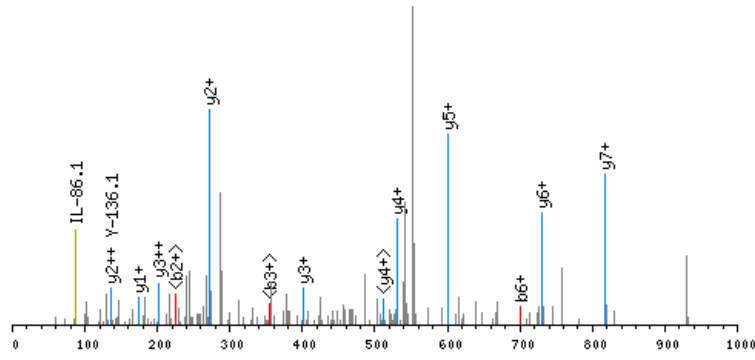
GO

b ⁺	#	AA #	y ⁺	y ²⁺
156.1025	1	L	7	
270.1454	2	N	6	867.5087 434.2583
401.1859	3	M	5	753.4658 377.2368
587.2652	4	W	4	622.4253 311.7166
749.4233	5	K	3	436.3460 218.6769
848.4917	6	V	2	274.1879 137.5979
	7	R	1	175.1195 88.0637

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

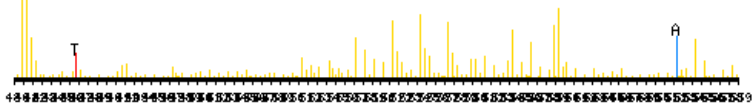
LSEAEPR, MH+ 972.4638, m/z 486.7356
 L OSG41 P180811 230811-s1.04368.04368.2.dta

scan 4368; 5.2e-001



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

scan 4364; 486.7 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

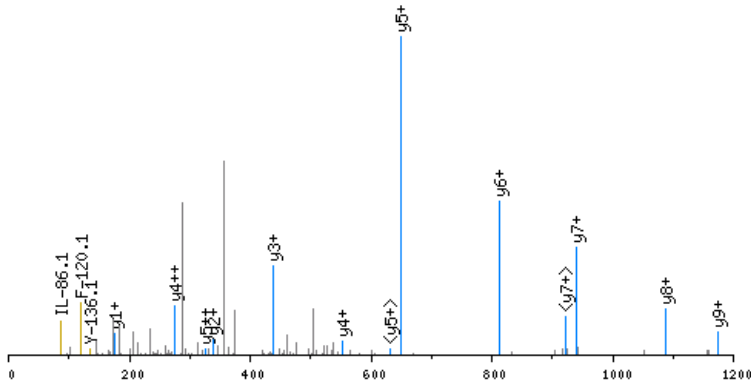
GO

b ⁺	#	AA #	y ⁺	y ²⁺
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

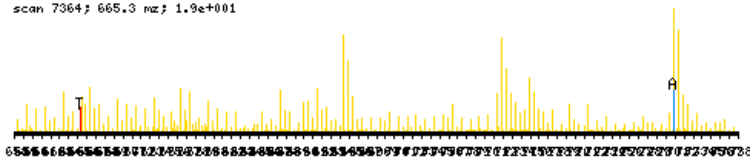
LSFQYPDVYR, MH+ 1329.6479, m/z 665.3276
 L OSG41 P180811 230811-s1.07367.07367.2.dta

scan 7367; 1.8e+000



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

scan 7364; 665.3 m/z; 1.9e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
156.1025	1	L	10	
243.1345	2	S	9	1174.5533
390.2029	3	F	8	1087.5213
518.2615	4	Q	7	940.4529
681.3248	5	Y	6	812.3943
778.3776	6	P	5	649.3310
893.4045	7	D	4	552.2782
992.4729	8	V	3	437.2512
1155.5363	9	Y	2	338.1828
	10	R	1	175.1195

N-term:+43.02

LYLGHNYVTAIR, MH+ 1461.7854, m/z 487.9333
 L OSG38 P180811 230811-s1.07271.07271.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

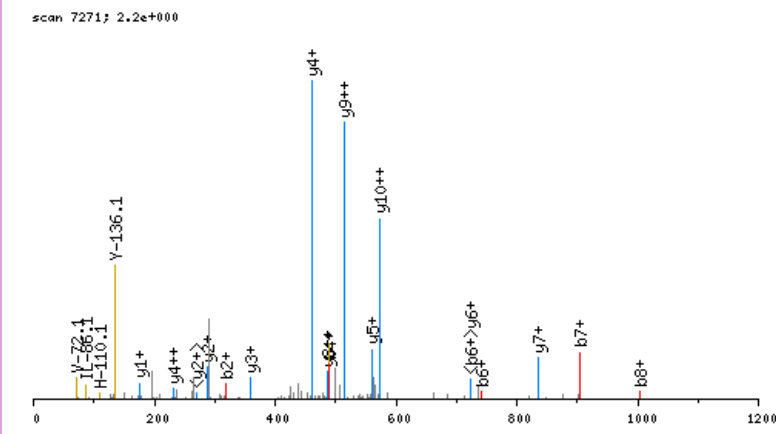
y + 2+ 3+

z + 2+ 3+

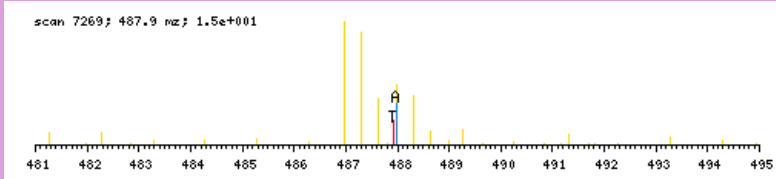
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 12		
319.1658	2	Y 11	1306.6908	653.8493
432.2499	3	L 10	1143.6275	572.3176
489.2713	4	G 9	1030.5434	515.7756
626.3302	5	H 8	973.5219	487.2649
740.3732	6	N 7	836.4630	418.7354
903.4365	7	Y 6	722.4201	361.7140
1002.5049	8	V 5	559.3568	280.1823
1103.5526	9	T 4	460.2884	230.6481
1174.5897	10	A 3	359.2407	180.1243
1287.6738	11	I 2	288.2036	144.6057
	12	R 1	175.1195	88.0637

N-term:+43.02

MDAVLSDFVR, MH+ 1194.5829, m/z 597.7951
 L OSG41 P180811 230811-s1.07570.07570.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

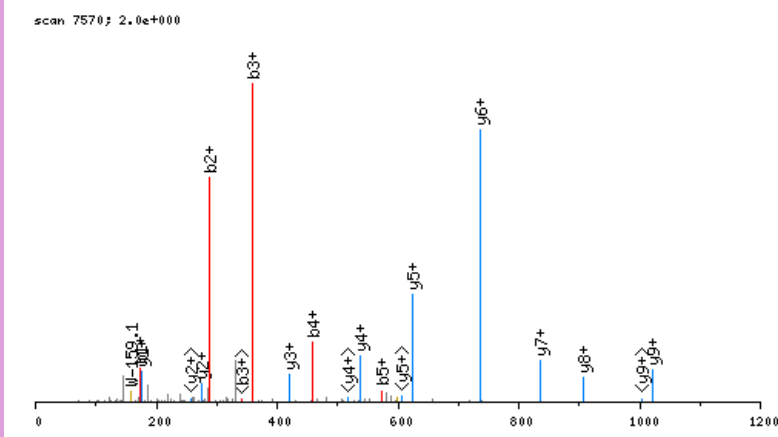
y + 2+ 3+

z + 2+ 3+

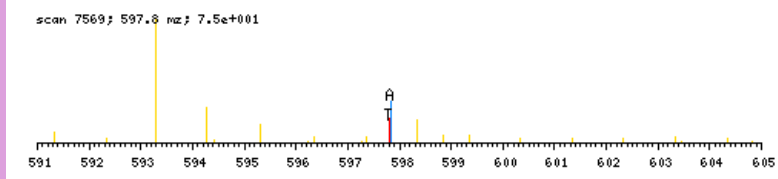
hide H₂O/NH₃

zoom 112-122

GO



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



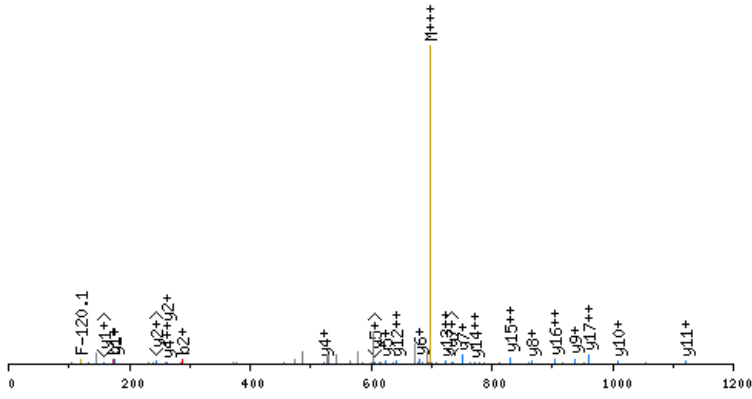
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

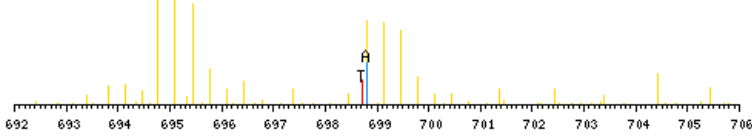
MDFNVKLAADAGTFLSR, MH+ 2094.1695, m/z 698.7280
 L OSG39 P180811 230811-s1.08003.08003.3.dta

scan 8003; 1.2e+001



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

scan 8001; 698.7 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⁺
174.0589	1	M	18		
289.0858	2	D	17	1921.1184	961.0631
436.1542	3	F	16	1806.0915	903.5496
550.1972	4	N	15	1659.0230	830.0154
649.2656	5	V	14	1544.9801	772.9940
811.4237	6	K	13	1445.9117	723.4598
973.5818	7	K	12	1283.7536	642.3807
1086.6658	8	L	11	1121.5955	561.3017
1157.7030	9	A	10	1008.5114	504.7596
1228.7401	10	A	9	937.4743	469.2411
1343.7670	11	D	8	866.4372	433.7225
1414.8041	12	A	7	751.4103	376.2090
1471.8256	13	G	6	680.3731	340.6905
1572.8733	14	T	5	623.3517	312.1798
1719.9417	15	F	4	522.3040	261.6559
1833.0258	16	L	3	375.2356	188.1217
1920.0578	17	S	2	262.1515	131.5797
	18	R	1	175.1195	88.0637

N-term:+43.02 K(6):+162.16
 K(7):+162.16

MDGEKPVDAEEKR, MH+ 1700.8802, m/z 567.6316
 L OSG39 P180811 230811-s1.02378.02378.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

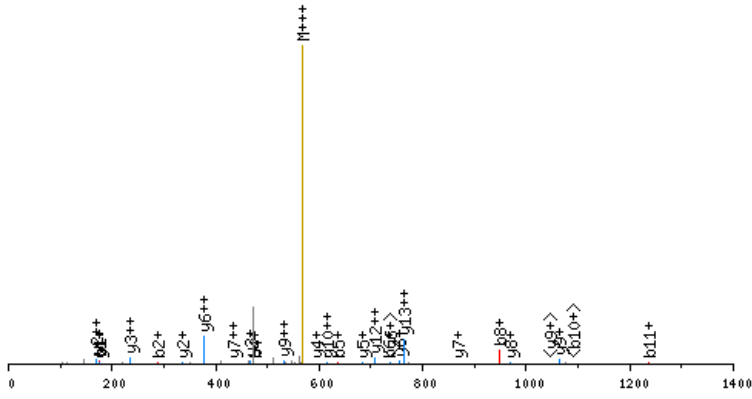
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

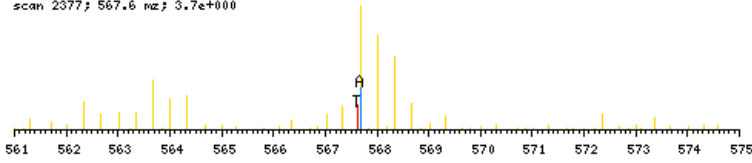
GO

scan 2378; 1.6e+001



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

scan 2377; 567.6 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	14	
289.0858	2	D	13	1527.8292
346.1073	3	G	12	1412.8022
475.1499	4	E	11	1355.7807
637.3080	5	K	10	1226.7382
734.3607	6	P	9	1064.5801
833.4292	7	V	8	967.5273
948.4561	8	D	7	868.4589
1019.4932	9	A	6	753.4319
1106.5252	10	S	5	682.3948
1235.5678	11	E	4	595.3628
1364.6104	12	E	3	466.3202
1526.7685	13	K	2	337.2776
	14	R	1	175.1195

N-term:+43.02 K(5):+162.16
 K(13):+162.16

MDLVKSHLMYAVR, MH+ 1638.8924, m/z 546.9690
 L OSG39 P180811 230811-s1.07388.07388.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

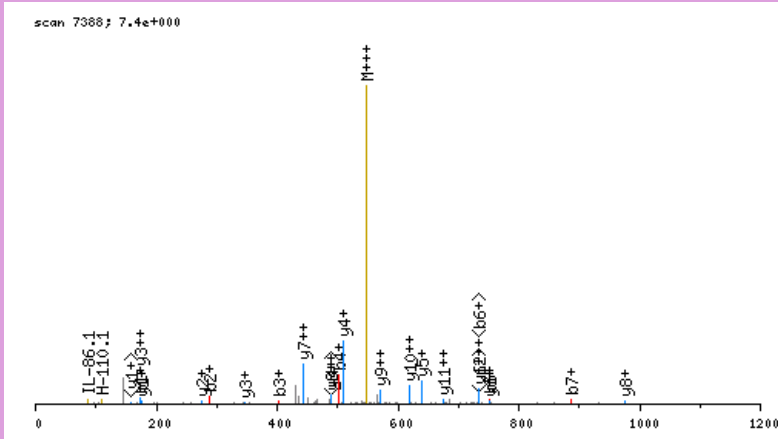
y + 2+ 3+

z + 2+ 3+

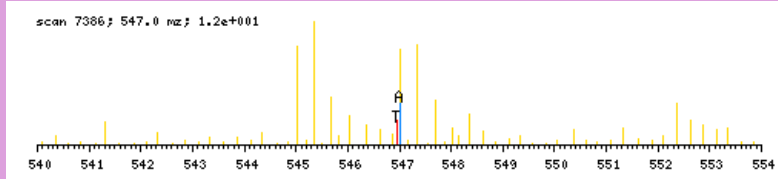
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1465.8414
402.1699	3	L	11	1350.8144
501.2383	4	V	10	1237.7304
663.3964	5	K	9	1138.6619
750.4284	6	S	8	976.5038
887.4873	7	H	7	889.4718
1000.5714	8	L	6	752.4129
1131.6119	9	M	5	639.3288
1294.6752	10	Y	4	508.2884
1365.7123	11	A	3	345.2250
1464.7808	12	V	2	274.1879
	13	R	1	175.1195

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

MDSAEELLAPLR, MH+ 1386.6939, m/z 693.8506
 L OSG41 P180811 230811-s1.07440.07440.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

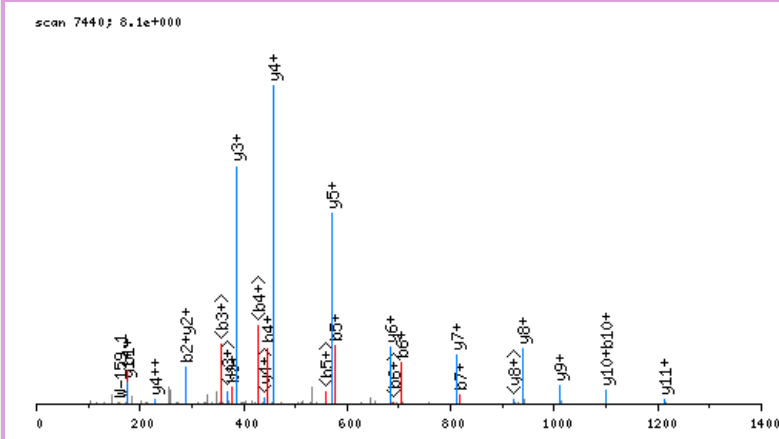
y + 2+ 3+

z + 2+ 3+

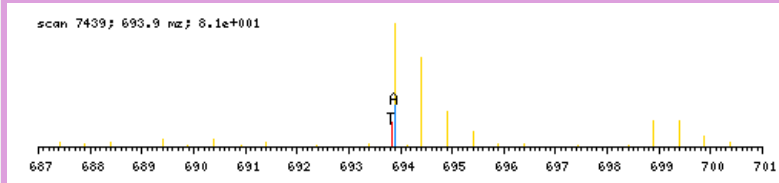
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

MDTGAGSIR, MH+ 949.4413, m/z 475.2243
 L OSG41 P180811 230811-s1.03257.03257.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

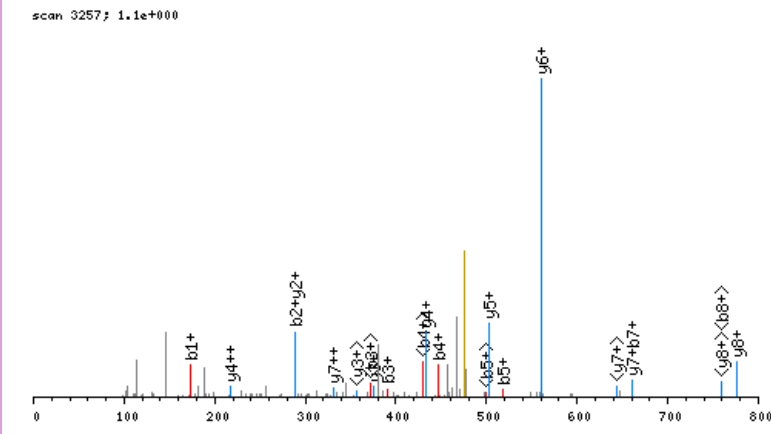
y + 2+ 3+

z + 2+ 3+

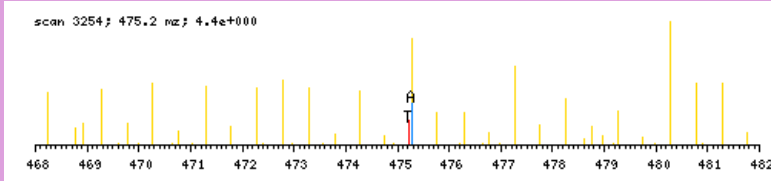
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	
289.0858	2	D	8	776.3903 388.6990
390.1335	3	T	7	661.3633 331.1856
447.1550	4	G	6	560.3156 280.6617
518.1921	5	A	5	503.2942 252.1510
575.2135	6	G	4	432.2571 216.6324
662.2456	7	S	3	375.2356 188.1217
775.3296	8	I	2	288.2036 144.6057
	9	R	1	175.1195 88.0637

N-term:+43.02

MEAADVFHR, MH+ 1117.5101, m/z 559.2587
 L OSG37 P180811 230811-s1.05920.05920.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

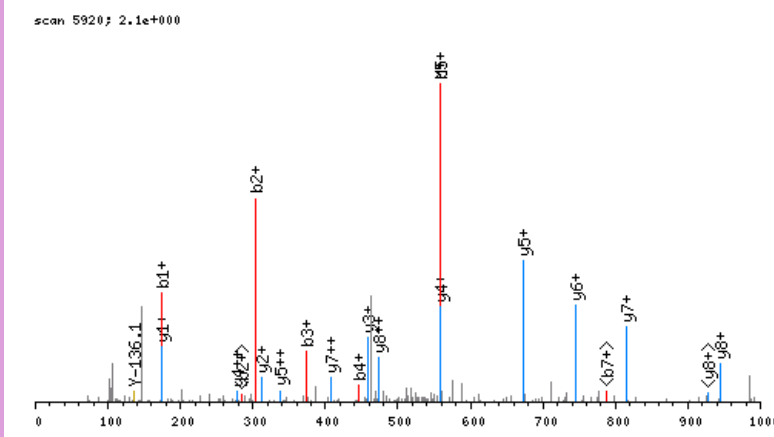
y + 2+ 3+

z + 2+ 3+

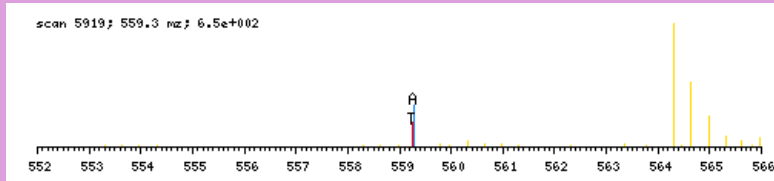
hide H₂O/NH₃

zoom 112-122

GO



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

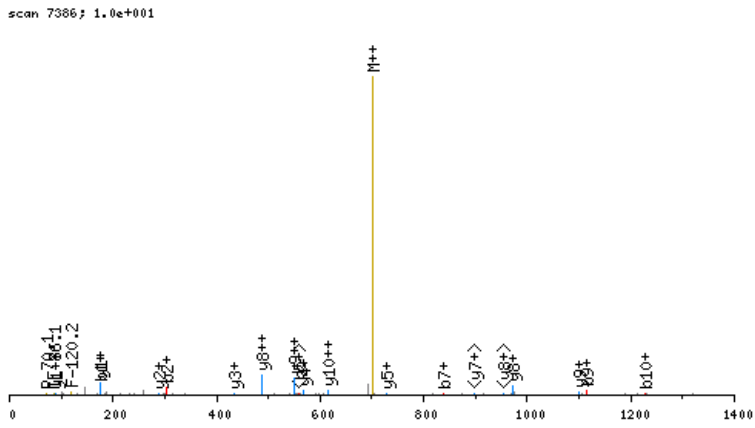


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

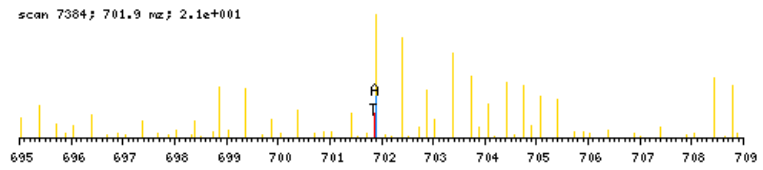
b ⁺	#	AA #	y ⁺	y ²⁺
174.0589	1	M	9	
303.1015	2	E	8	944.4590
374.1386	3	A	7	815.4164
445.1757	4	A	6	744.3793
560.2026	5	D	5	673.3422
659.2711	6	V	4	558.3152
806.3395	7	F	3	459.2468
943.3984	8	H	2	312.1784
	9	R	1	175.1195

N-term:+43.02

MEEGSVKMFLR, MH+ 1402.7287, m/z 701.8680
 L OSG37 P180811 230811-s1.07386.07386.2.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⁺
174.0589	1	M	11	
303.1015	2	E	10	1229.6777 615.3427
432.1441	3	E	9	1100.6351 550.8214
489.1655	4	G	8	971.5925 486.3001
576.1976	5	S	7	914.5710 457.7894
675.2660	6	V	6	827.5390 414.2734
837.4241	7	K	5	728.4706 364.7392
968.4646	8	M	4	566.3125 283.6601
1115.5330	9	F	3	435.2720 218.1399
1228.6170	10	L	2	288.2036 144.6057
	11	R	1	175.1195 88.0637

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

MEGTMGPEAVQR, MH+ 1476.6463, m/z 738.8268
 L OSG41 P180811 230811-s1.04478.04478.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

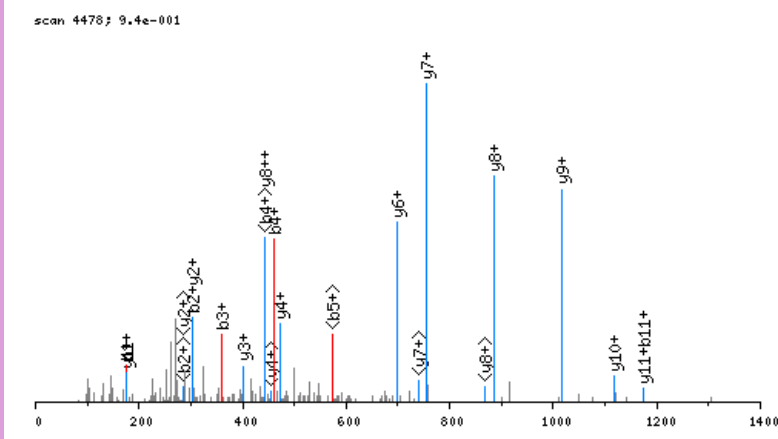
y + 2+ 3+

z + 2+ 3+

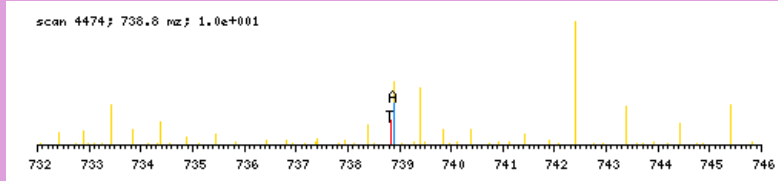
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

MEGYSEASLLR, MH+ 1426.6524, m/z 713.8299
 L OSG41 P180811 230811-s1.06472.06472.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

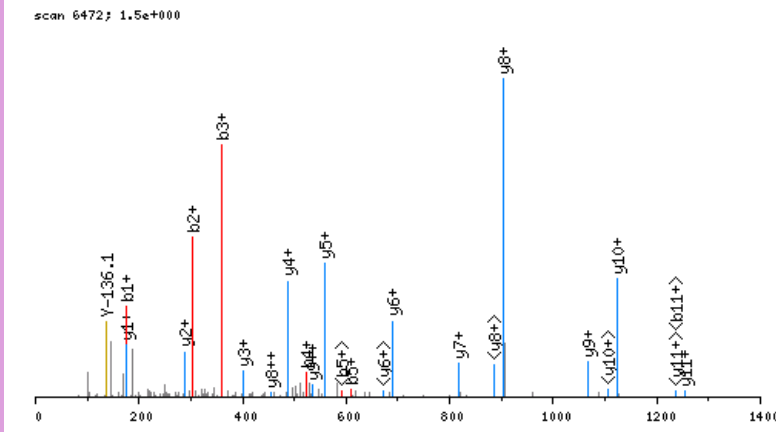
y + 2+ 3+

z + 2+ 3+

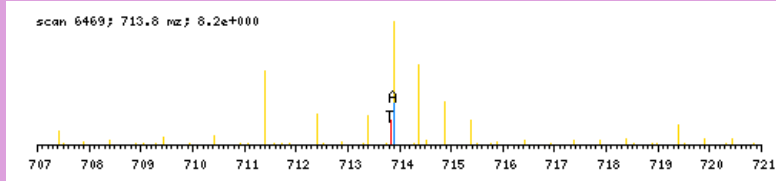
hide H₂O/NH₃

zoom 112-122

GO



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



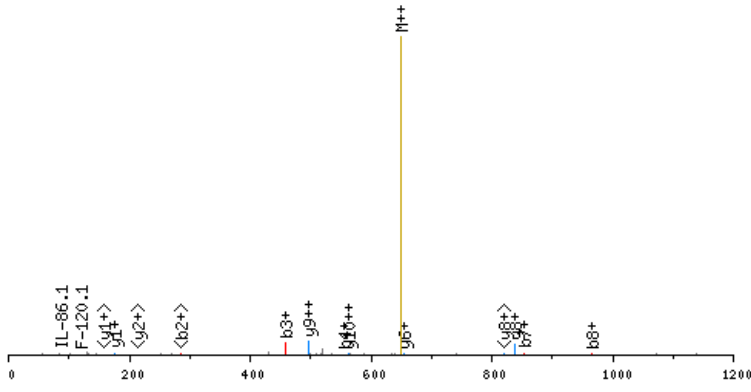
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

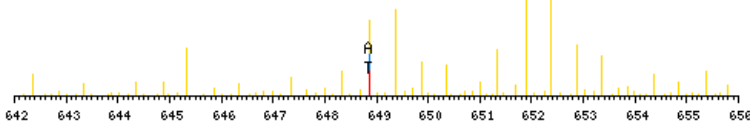
MEKPSPLLVGR, MH+ 1296.7350, m/z 648.8711
 L OSG37 P180811 230811-s1.05503.05503.2.dta

scan 5503; 1.5e+001



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

scan 5499; 648.9 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⁺
174.0589	1	M	11	
303.1015	2	E	10	1123.6840
459.2278	3	K	9	994.6414
556.2805	4	P	8	838.5151
643.3126	5	S	7	741.4623
740.3653	6	P	6	654.4303
853.4494	7	L	5	557.3775
966.5335	8	L	4	444.2934
1065.6019	9	V	3	331.2094
1122.6233	10	G	2	232.1410
	11	R	1	175.1195

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

MEMLPDITGKALMFAKR, MH+ 2095.0755, m/z 699.0300
 L OSG39 P180811 230811-s1.07310.07310.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

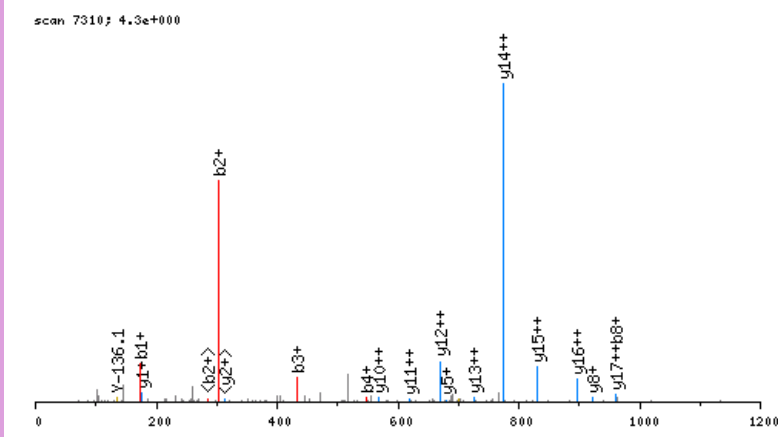
y + 2+ 3+

z + 2+ 3+

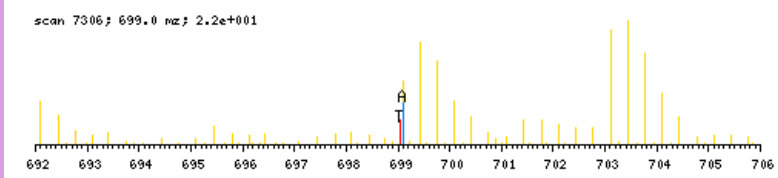
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
303.1015	2	E	17	1922.0244	961.5161
434.1420	3	M	16	1792.9818	896.9948
547.2260	4	L	15	1661.9413	831.4746
644.2788	5	P	14	1548.8573	774.9326
759.3057	6	D	13	1451.8045	726.4062
860.3534	7	T	12	1336.7776	668.8927
961.4011	8	T	11	1235.7299	618.3689
1018.4226	9	G	10	1134.6822	567.8450
1174.5489	10	K	9	1077.6608	539.3343
1231.5703	11	G	8	921.5345	461.2711
1302.6074	12	A	7	864.5130	432.7604
1415.6915	13	L	6	793.4759	397.2419
1546.7320	14	M	5	680.3918	340.6998
1693.8004	15	F	4	549.3513	275.1796
1764.8375	16	A	3	402.2829	201.6454
1920.9638	17	K	2	331.2458	166.1268
	18	R	1	175.1195	88.0637

N-term: +43.02 K(10): +156.13
 K(17): +156.13

MENCLGDSR, MH+ 1123.4512, m/z 562.2292
 L OSG41 P180811 230811-s1.03441.03441.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

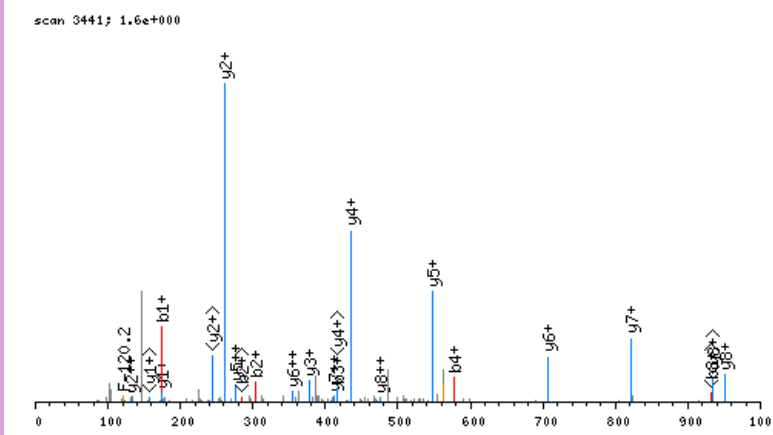
y + 2+ 3+

z + 2+ 3+

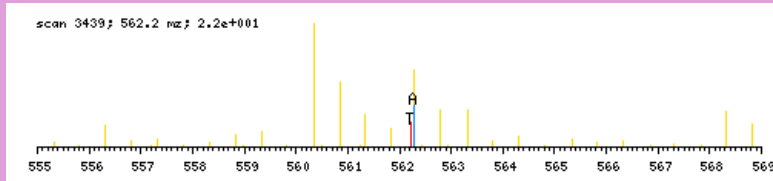
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

MENLFLVLR, MH+ 1191.6196, m/z 596.3134
 L OSG41 P180811 230811-s1.07597.07597.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

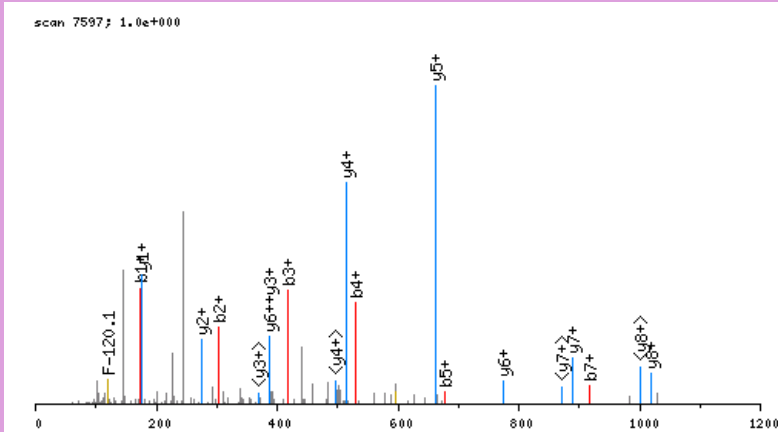
y + 2+ 3+

z + 2+ 3+

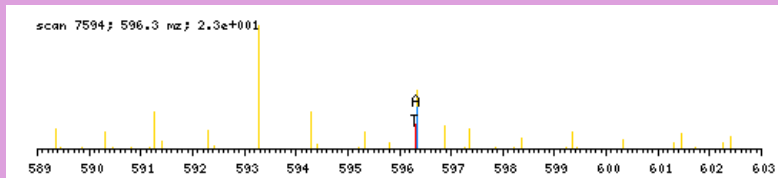
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	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

MENVEVFTSEGKGR, MH+ 1658.8272, m/z 829.9173
 L OSG37 P180811 230811-s1.06587.06587.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

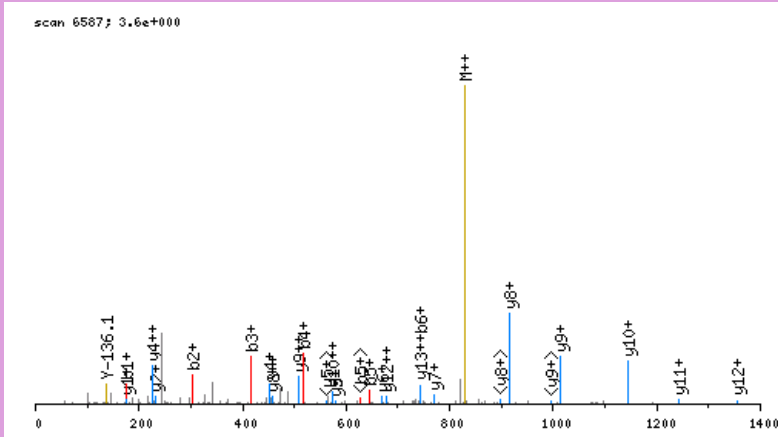
y + 2+ 3+

z + 2+ 3+

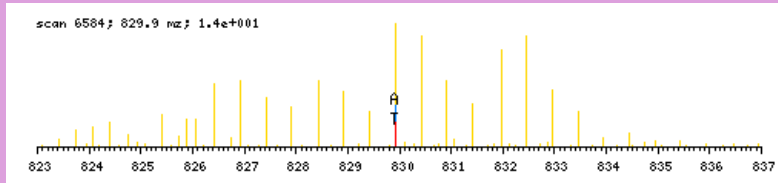
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
303.1015	2	E 13	1485.7762	743.3920
417.1444	3	N 12	1356.7336	678.8707
516.2128	4	V 11	1242.6907	621.8492
645.2554	5	E 10	1143.6222	572.3150
744.3238	6	V 9	1014.5797	507.7937
891.3922	7	F 8	915.5112	458.2595
992.4399	8	T 7	768.4428	384.7253
1079.4719	9	S 6	667.3951	334.2015
1208.5145	10	E 5	580.3631	290.6855
1265.5360	11	G 4	451.3205	226.1642
1427.6941	12	K 3	394.2991	197.6534
1484.7156	13	G 2	232.1410	116.5744
	14	R 1	175.1195	88.0637

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

MEPETLEAR, MH+ 1117.5200, m/z 559.2636
 L OSG41 P180811 230811-s1.04360.04360.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

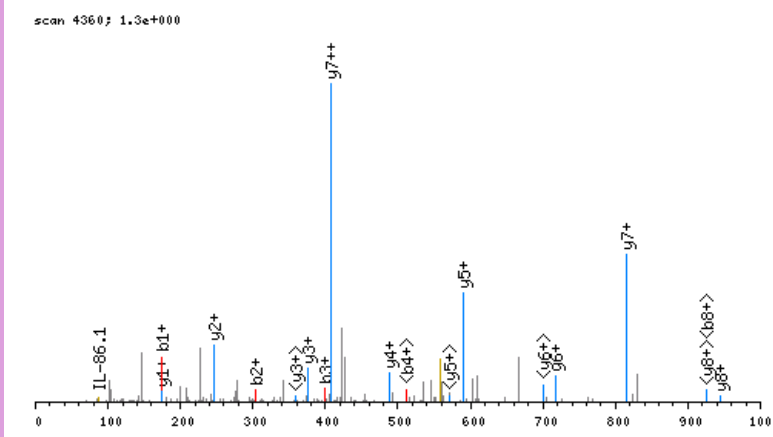
y + 2+ 3+

z + 2+ 3+

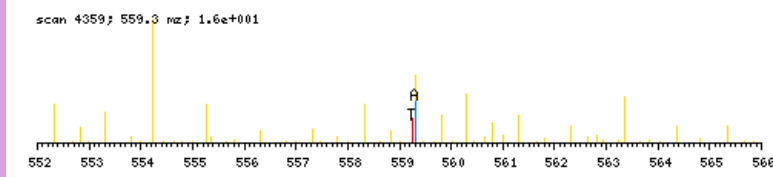
hide H₂O/NH₃

zoom 112-122

GO



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



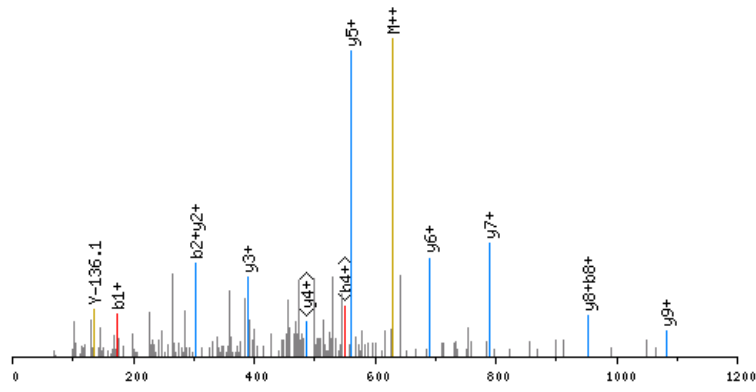
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

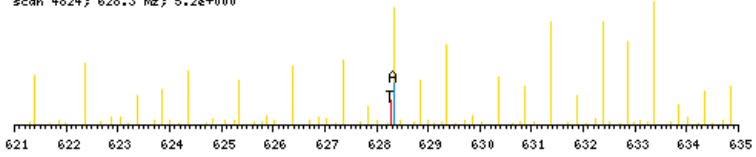
MEYTEGISQR, MH+ 1255.5629, m/z 628.2851
 L OSG41 P180811 230811-s1.04828.04828.2.dta

scan 4828; 4.5e-001



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

scan 4824; 628.3 m/z; 5.2e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
174.0589	1	M	10	
303.1015	2	E	9	1082.5118
466.1648	3	Y	8	953.4692
567.2125	4	T	7	790.4059
696.2551	5	E	6	689.3582
753.2765	6	G	5	560.3156
866.3606	7	I	4	503.2942
953.3926	8	S	3	390.2101
1081.4512	9	Q	2	303.1781
	10	R	1	175.1195

N-term:+43.02

MKVFVTGPLPAEGR, MH+ 1571.8620, m/z 524.6255
 L OSG37 P180811 230811-s1.07463.07463.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

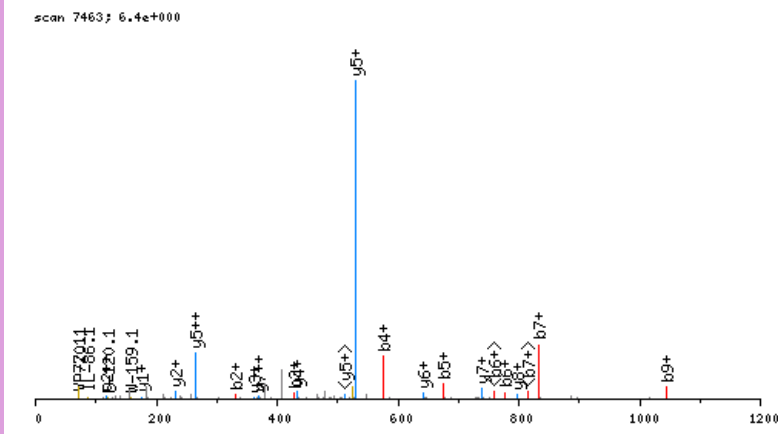
y + 2+ 3+

z + 2+ 3+

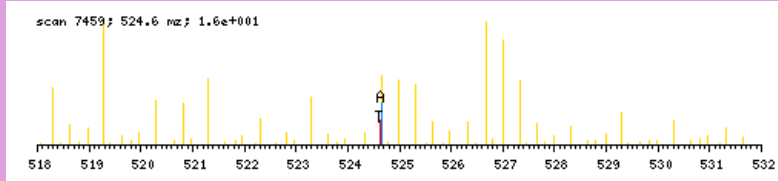
hide H₂O/NH₃

zoom 112-122

GO



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



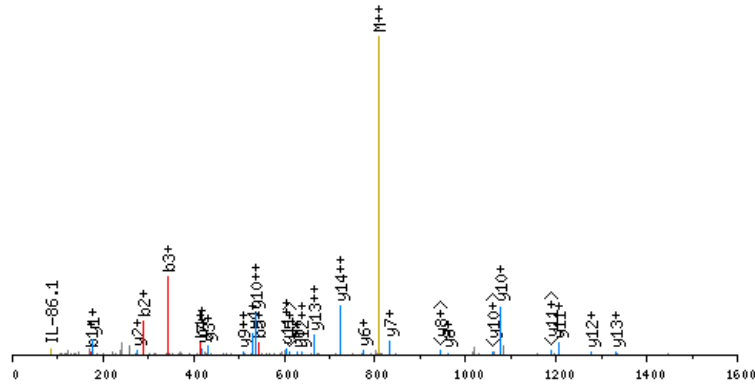
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
174.0589	1	M 14		
330.1852	2	K 13	1398.8109	699.9094
429.2536	3	V 12	1242.6846	621.8462
576.3220	4	F 11	1143.6162	572.3120
675.3904	5	V 10	996.5478	498.7778
776.4381	6	T 9	897.4794	449.2436
833.4596	7	G 8	796.4317	398.7198
930.5123	8	P 7	739.4103	370.2090
1043.5964	9	L 6	642.3575	321.6827
1140.6492	10	P 5	529.2734	265.1406
1211.6863	11	A 4	432.2207	216.6142
1340.7289	12	E 3	361.1836	181.0957
1397.7503	13	G 2	232.1410	116.5744
	14	R 1	175.1195	88.0637

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

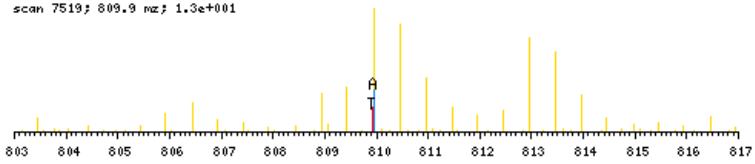
MLGAEKGEGFVVKVR, MH+ 1618.8627, m/z 809.9350
 L OSG37 P180811 230811-s1.07520.07520.2.dta

scan 7520; 5.1e+000



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

scan 7519; 809.9 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⁺
174.0589	1	M	15		
287.1429	2	L	14	1445.8117	723.4098
344.1644	3	G	13	1332.7276	666.8677
415.2015	4	A	12	1275.7061	638.3570
544.2441	5	E	11	1204.6690	602.8384
601.2656	6	G	10	1075.6264	538.3171
658.2870	7	G	9	1018.6050	509.8064
787.3296	8	E	8	961.5835	481.2957
844.3511	9	G	7	832.5409	416.7744
991.4195	10	F	6	775.5195	388.2636
1090.4879	11	V	5	628.4510	314.7294
1189.5563	12	V	4	529.3826	265.1952
1345.6826	13	K	3	430.3142	215.6610
1444.7511	14	V	2	274.1879	137.5979
	15	R	1	175.1195	88.0637

N-term:+43.02 K(13):+156.13

MLGPEGGEGYVVKLR, MH+ 1674.8889, m/z 558.9678
 L OSG37 P180811 230811-s1.07406.07406.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

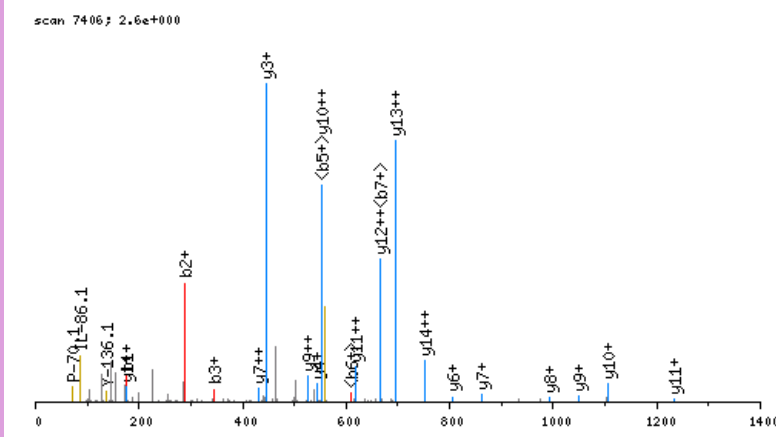
y + 2+ 3+

z + 2+ 3+

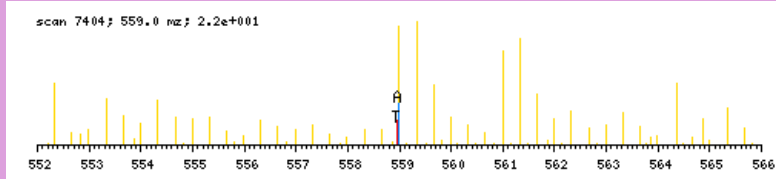
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

MLSTEGR, MH+ 835.3984, m/z 418.2028
 L OSG41 P180811 230811-s1.04691.04691.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

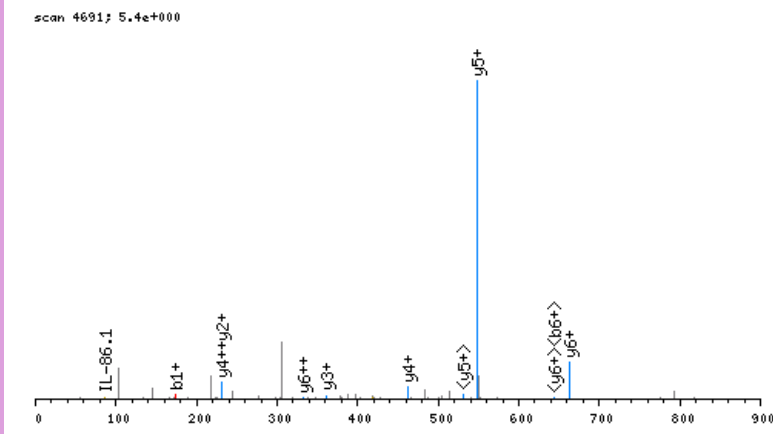
y + 2+ 3+

z + 2+ 3+

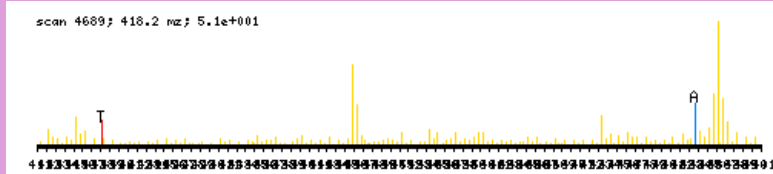
hide H₂O/NH₃

zoom 112-122

GO



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



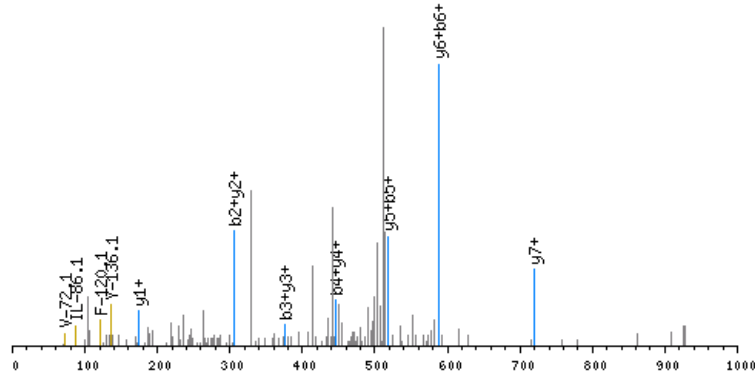
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

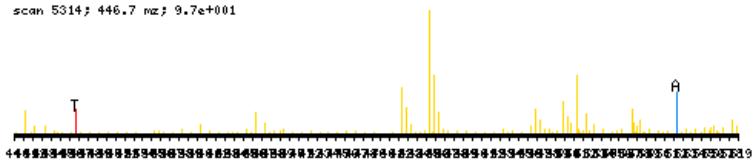
MMAAAAER, MH+ 892.4021, m/z 446.7047
 L OSG41 P180811 230811-s1.05316.05316.2.dta

scan 5316; 5.5e-001



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

scan 5314; 446.7 m/z; 9.7e+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

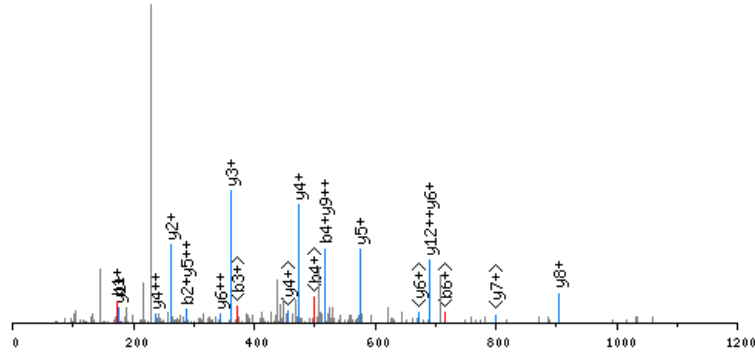
GO

b ⁺	#	AA #	y ⁺	y ²⁺
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

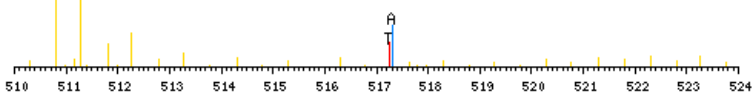
MNTEQSQNTIVSR, MH+ 1549.7281, m/z 517.2475
 L OSG41 P180811 230811-s1.03611.03611.3.dta

scan 3611; 1.2e+000



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

scan 3609; 517.2 m/z; 4.1e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
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
 L OSG37 P180811 230811-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+

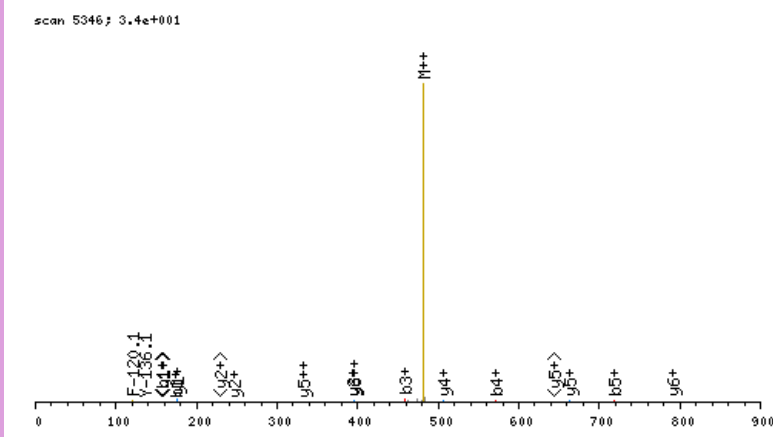
y + 2+ 3+

z + 2+ 3+

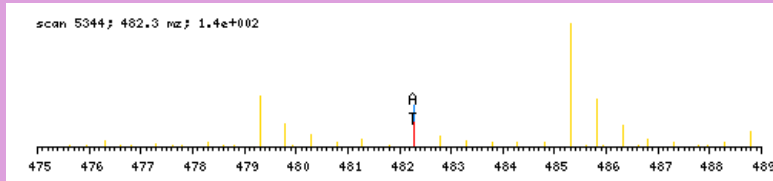
hide H₂O/NH₃

zoom 112-122

GO



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



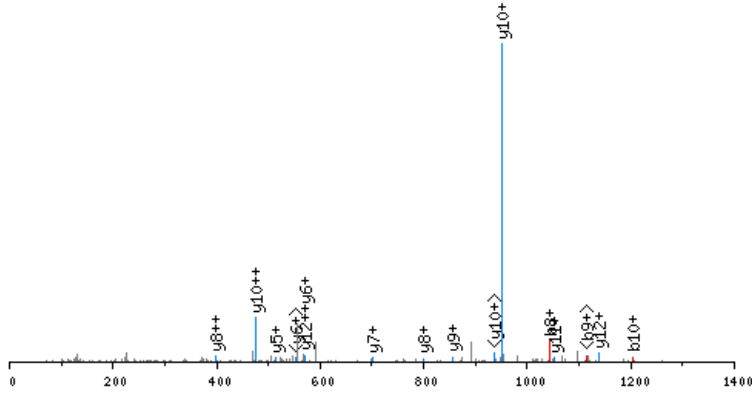
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
174.0589	1	M	7	
302.1175	2	Q	6	790.4940 395.7509
458.2438	3	K	5	662.4354 331.7216
571.3278	4	I	4	506.3091 253.6585
718.3962	5	F	3	393.2250 197.1164
789.4334	6	A	2	246.1566 123.5822
	7	R	1	175.1195 88.0637

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

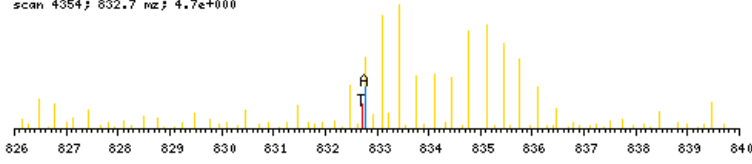
MSYGYDEKSAGVSVPGPMGPGSPR, MH+ 2496.1540, m/z 832.7228
 L OSG36 P180811 230811-s1.04358.04358.3.dta

scan 4358; 4.7e+000



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

scan 4354; 832.7 mz; 4.7e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
174.0589	1	M 24		
261.0909	2	S 23	2323.1029	1162.0554
424.1542	3	Y 22	2236.0709	1118.5394
481.1757	4	G 21	2073.0076	1037.0077
644.2390	5	Y 20	2015.9861	1008.4970
759.2660	6	D 19	1852.9228	926.9653
888.3086	7	E 18	1737.8958	869.4518
1044.4349	8	K 17	1608.8532	804.9305
1131.4669	9	S 16	1452.7269	726.8674
1202.5040	10	A 15	1365.6949	683.3514
1259.5255	11	G 14	1294.6578	647.8328
1358.5939	12	V 13	1237.6363	619.3221
1445.6259	13	S 12	1138.5679	569.7879
1544.6943	14	V 11	1051.5359	526.2718
1641.7471	15	P 10	952.4675	476.7376
1698.7686	16	G 9	855.4147	428.2113
1795.8213	17	P 8	798.3932	399.7005
1926.8618	18	M 7	701.3405	351.1741
1983.8833	19	G 6	570.3000	285.6539
2080.9360	20	P 5	513.2785	257.1432
2167.9681	21	S 4	416.2258	208.6168
2224.9895	22	G 3	329.1937	165.1008
2322.0423	23	P 2	272.1723	136.5900
	24	R 1	175.1195	88.0637

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

MTEEHTDLEAR, MH+ 1373.6007, m/z 687.3040
 L OSG37 P180811 230811-s1.04675.04675.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

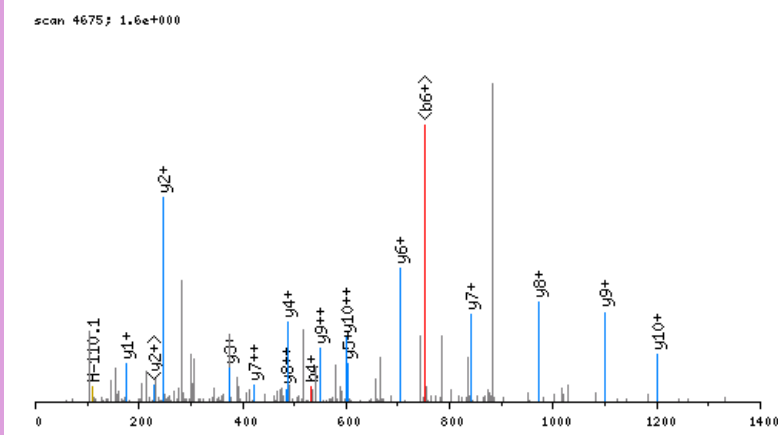
y + 2+ 3+

z + 2+ 3+

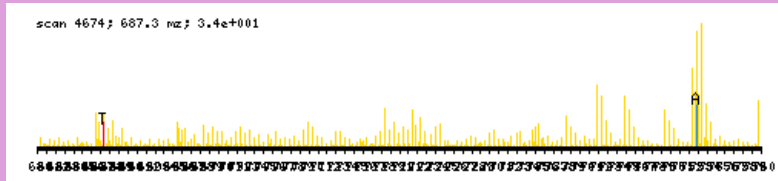
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG41 P180811 230811-s1.06138.06138.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

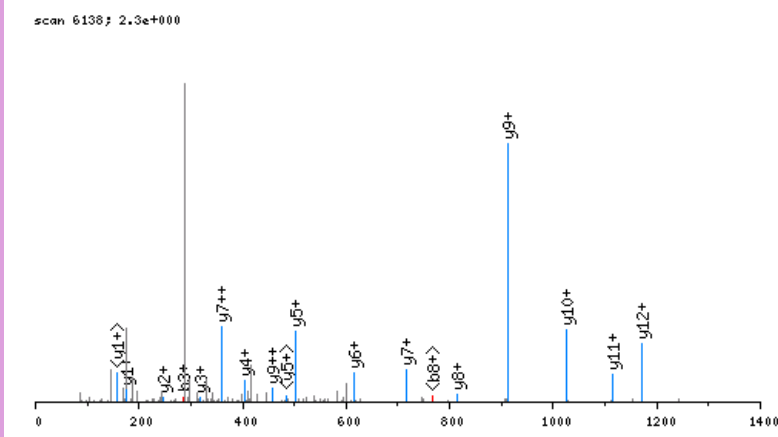
y + 2+ 3+

z + 2+ 3+

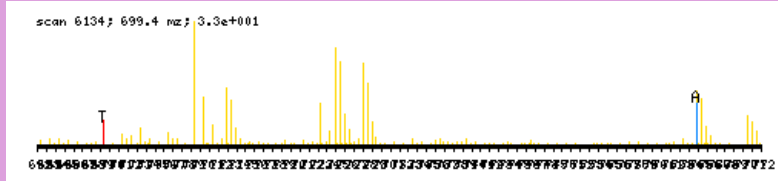
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG38 P180811 230811-s1.03383.03383.2.dta

scan 3383; 8.2e+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+

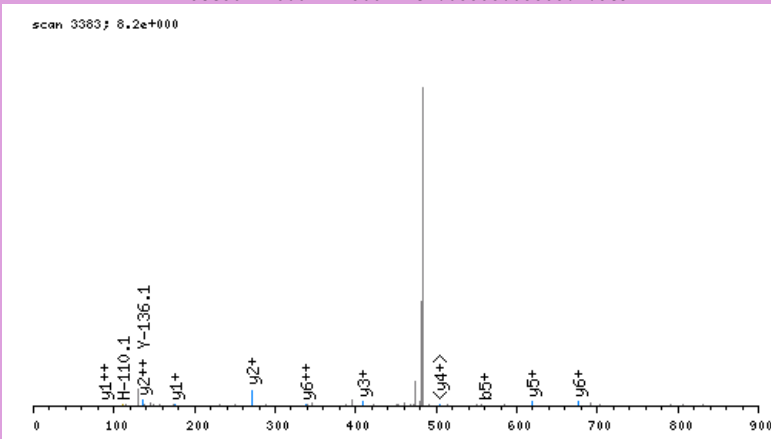
y + 2+ 3+

z + 2+ 3+

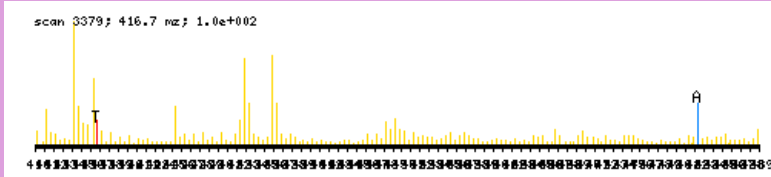
hide H₂O/NH₃

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⁺
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

NHDFQALALESR, MH+ 1442.7028, m/z 481.5725
 L OSG37 P180811 230811-s1.07017.07017.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

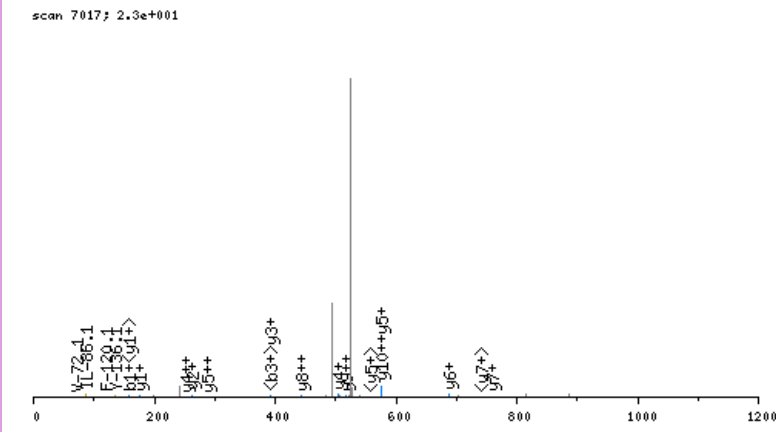
y + 2+ 3+

z + 2+ 3+

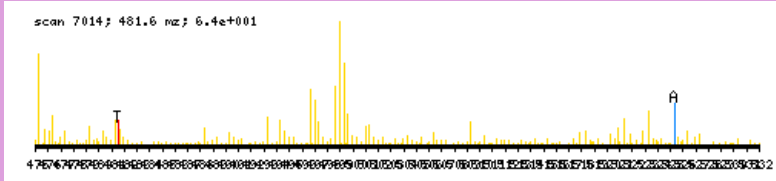
hide H₂O/NH₃

zoom 112-122

GO



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



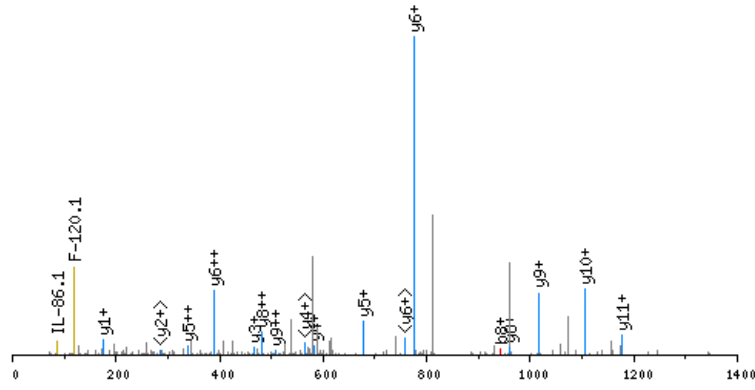
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
157.0613	1	N 12		
294.1202	2	H 11	1286.6493	643.8286
409.1472	3	D 10	1149.5904	575.2991
556.2156	4	F 9	1034.5635	517.7856
684.2742	5	Q 8	887.4951	444.2514
755.3113	6	A 7	759.4365	380.2222
868.3954	7	L 6	688.3994	344.7036
939.4325	8	A 5	575.3153	288.1616
1052.5165	9	L 4	504.2782	252.6430
1181.5591	10	E 3	391.1941	196.1010
1268.5912	11	S 2	262.1515	131.5797
	12	R 1	175.1195	88.0637

N-term:+43.02

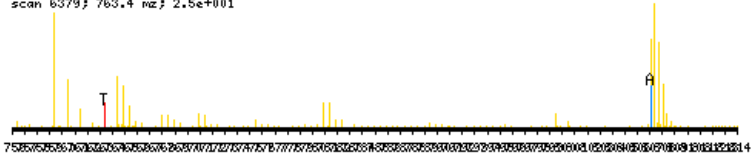
NHTSQAFITAASGGQPPNYER, MH+ 2288.0696, m/z 763.3614
 L OSG37 P180811 230811-s1.06381.06381.3.dta

scan 6381; 5.1e+000



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

scan 6379; 763.4 m/z; 2.5e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
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

NILAPVRR, MH+ 980.6005, m/z 490.8039
 L OSG38 P180811 230811-s1.06116.06116.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

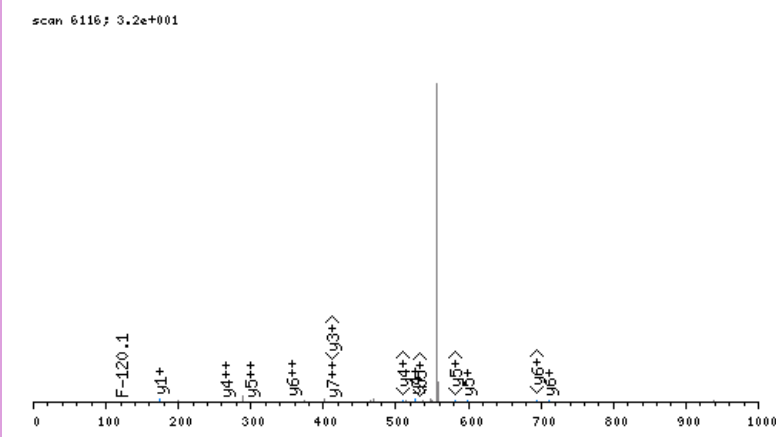
y + 2+ 3+

z + 2+ 3+

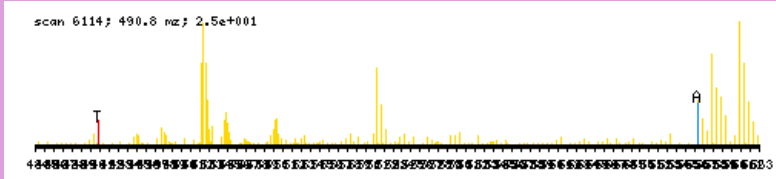
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
270.1454	2	I 7	824.5470	412.7774
383.2295	3	L 6	711.4630	356.2354
454.2666	4	A 5	598.3789	299.6934
551.3193	5	P 4	527.3418	264.1748
650.3877	6	V 3	430.2890	215.6484
806.4889	7	R 2	331.2206	166.1142
	8	R 1	175.1195	88.0637

N-term:+43.02

NKAPQPTGPPPAR, MH+ 1406.7969, m/z 469.6038
 L OSG37 P180811 230811-s1.03008.03008.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

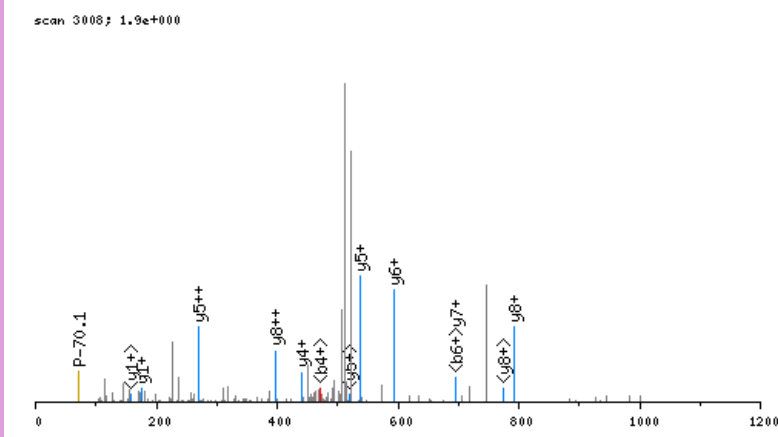
y + 2+ 3+

z + 2+ 3+

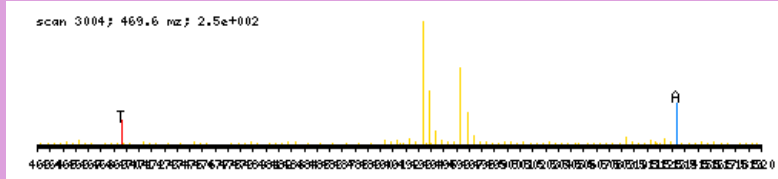
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
319.2194	2	K 12	1250.7434	625.8756
390.2565	3	A 11	1088.5853	544.7965
487.3093	4	P 10	1017.5482	509.2780
615.3679	5	Q 9	920.4954	460.7516
712.4206	6	P 8	792.4368	396.7223
813.4683	7	T 7	695.3840	348.1959
870.4898	8	G 6	594.3364	297.6721
967.5426	9	P 5	537.3149	269.1614
1064.5953	10	P 4	440.2621	220.6350
1161.6481	11	P 3	343.2094	172.1086
1232.6852	12	A 2	246.1566	123.5822
	13	R 1	175.1195	88.0637

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

NKGFIVTR, MH+ 1133.6319, m/z 567.3196
 L OSG41 P180811 230811-s1.02542.02542.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

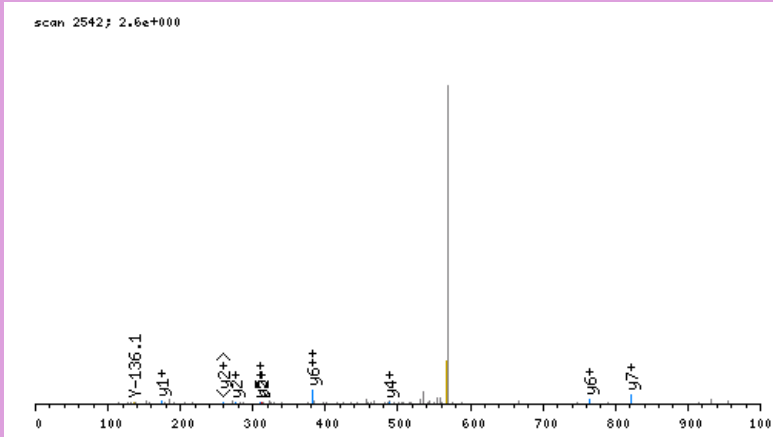
y + 2+ 3+

z + 2+ 3+

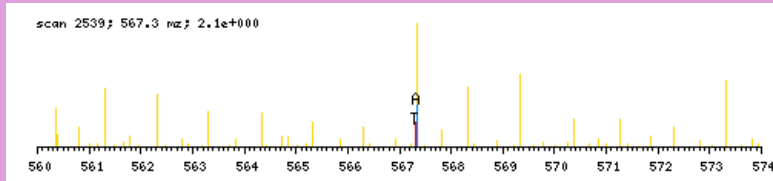
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	9	
313.1876	2	K	8	977.5784 489.2931
370.2091	3	G	7	821.4521 411.2300
517.2775	4	F	6	764.4307 382.7192
646.3201	5	E	5	617.3623 309.1850
759.4042	6	I	4	488.3197 244.6637
858.4726	7	V	3	375.2356 188.1217
959.5203	8	T	2	276.1672 138.5875
	9	R	1	175.1195 88.0637

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

NNQKQKPTLSGQR, MH+ 1737.0044, m/z 579.6730
 L OSG39 P180811 230811-s1.02209.02209.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

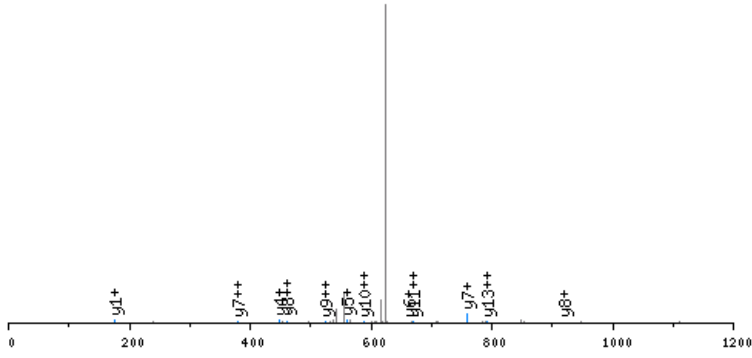
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

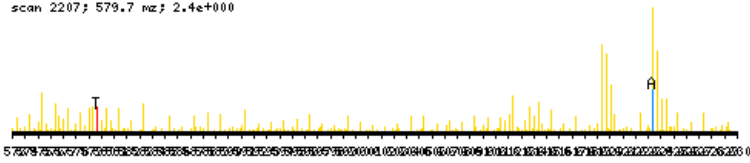
GO

scan 2209; 1.8e+001



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

scan 2207; 579.7 mz; 2.4e+000



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

b ⁺	#	AA	#	y ⁺	y ²⁺
157.0613	1	N	14		
271.1043	2	N	13	1580.9509	790.9794
399.1628	3	Q	12	1466.9080	733.9579
561.3209	4	K	11	1338.8494	669.9286
689.3795	5	Q	10	1176.6913	588.8496
817.4381	6	Q	9	1048.6328	524.8203
979.5962	7	K	8	920.5742	460.7910
1076.6490	8	P	7	758.4161	379.7120
1177.6966	9	T	6	661.3633	331.1856
1290.7807	10	L	5	560.3156	280.6617
1377.8127	11	S	4	447.2316	224.1197
1434.8342	12	G	3	360.1995	180.6037
1562.8928	13	Q	2	303.1781	152.0930
	14	R	1	175.1195	88.0637

N-term:+43.02 K(4):+162.16
 K(7):+162.16

NQEKLAKLQAQVR, MH+ 1623.9547, m/z 541.9898
 L OSG39 P180811 230811-s1.04277.04277.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

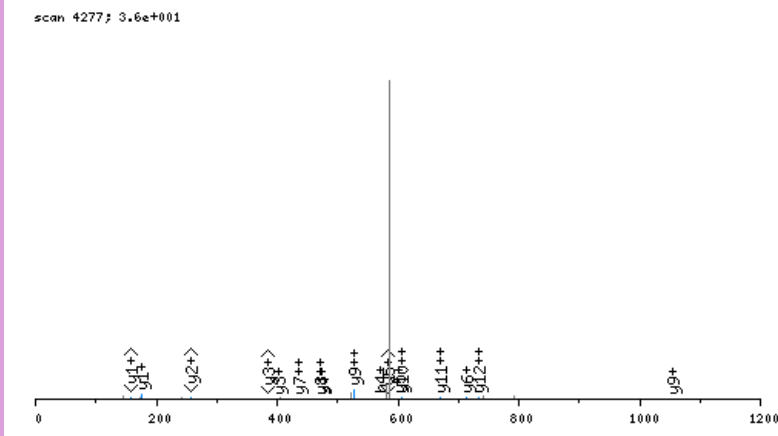
y + 2+ 3+

z + 2+ 3+

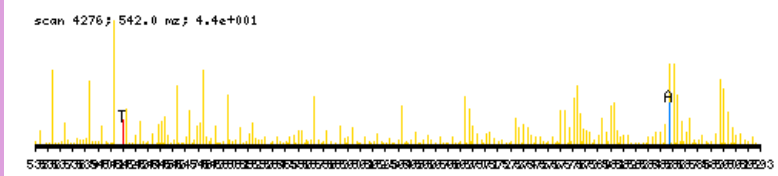
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
285.1199	2	Q	12	1467.9012	734.4545
414.1625	3	E	11	1339.8426	670.4252
570.2888	4	K	10	1210.8000	605.9039
683.3729	5	L	9	1054.6737	527.8408
754.4100	6	A	8	941.5897	471.2987
910.5363	7	K	7	870.5525	435.7802
1023.6203	8	L	6	714.4262	357.7170
1151.6789	9	Q	5	601.3422	301.1750
1222.7160	10	A	4	473.2836	237.1457
1350.7746	11	Q	3	402.2465	201.6272
1449.8430	12	V	2	274.1879	137.5979
	13	R	1	175.1195	88.0637

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

NRPAPVEISYENMR, MH+ 1717.8332, m/z 573.2826
 L OSG37 P180811 230811-s1.06022.06022.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

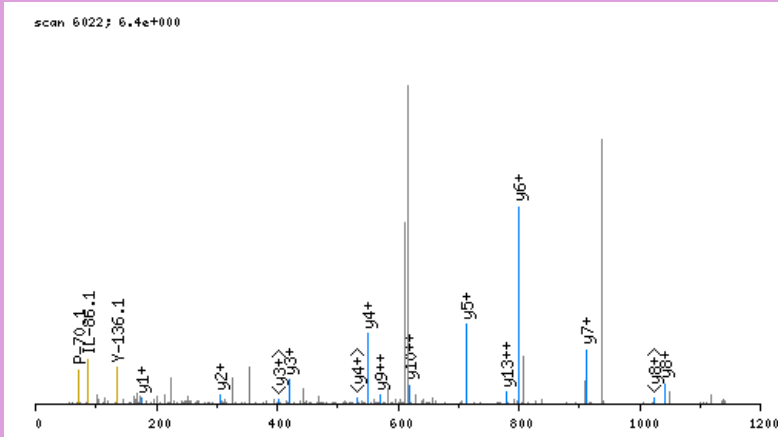
y + 2+ 3+

z + 2+ 3+

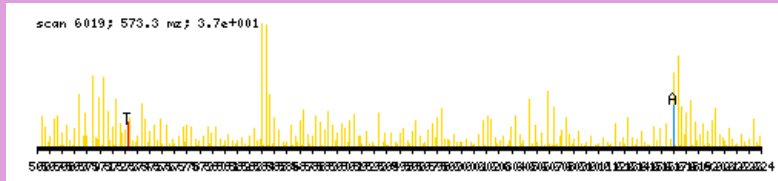
hide H₂O/NH₃

zoom 112-122

GO



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



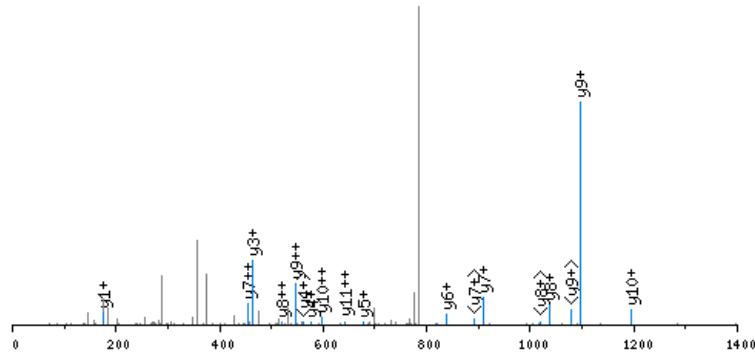
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

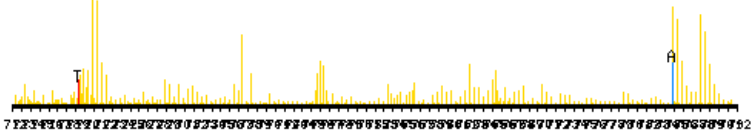
NSVGGEACTDMKR, MH+ 1437.6466, m/z 719.3269
 L OSG37 P180811 230811-s1.04202.04202.2.dta

scan 4202; 4.0e+000



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

scan 4199; 719.3 m/z; 1.5e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
157.0613	1	N	12		
244.0934	2	S	11	1281.5931	641.3005
343.1618	3	V	10	1194.5611	597.7845
400.1832	4	G	9	1095.4927	548.2503
529.2258	5	E	8	1038.4712	519.7395
600.2629	6	A	7	909.4286	455.2182
760.2935	7	C	6	838.3915	419.6997
861.3412	8	T	5	678.3609	339.6844
976.3682	9	D	4	577.3132	289.1605
1107.4086	10	M	3	462.2863	231.6471
1263.5349	11	K	2	331.2458	166.1268
	12	R	1	175.1195	88.0637

N-term:+43.02 C(7):+160.03
 K(11):+156.13

NVEHEVNLLVEEIH⁺R, MH⁺ 1871.9616, m/z 624.6587
 L OSG39 P180811 230811-s1.07962.07962.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

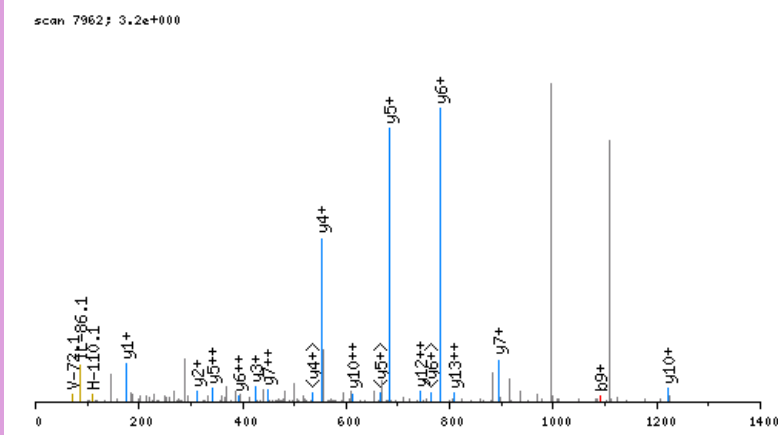
y + 2+ 3+

z + 2+ 3+

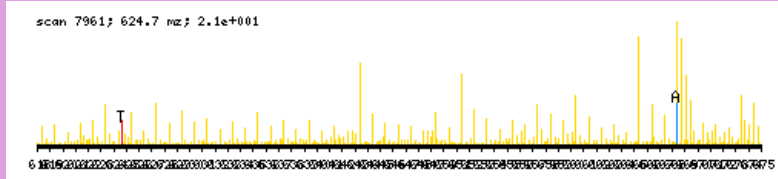
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 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+ 1056.5802, m/z 528.7938
 L OSG38 P180811 230811-s1.04210.04210.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

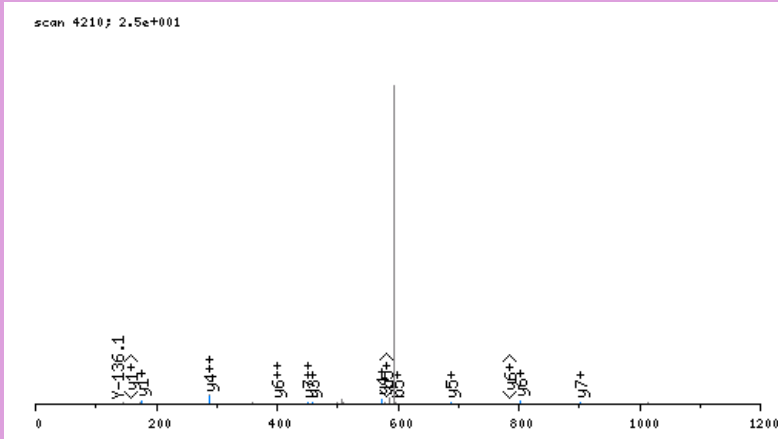
y + 2+ 3+

z + 2+ 3+

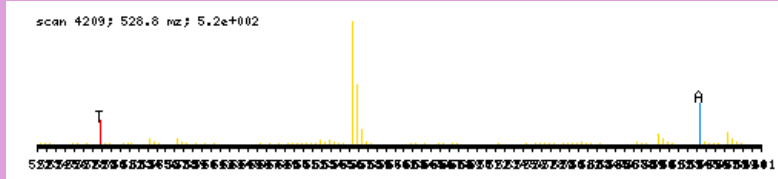
hide H₂O/NH₃

zoom 112-122

GO



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



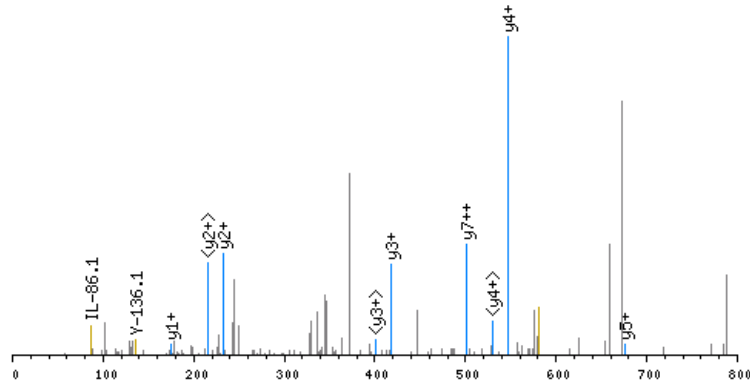
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
157.0613	1	N	8	
256.1297	2	V	7	900.5267 450.7673
370.1727	3	N	6	801.4583 401.2331
485.1996	4	D	5	687.4154 344.2116
598.2837	5	L	4	572.3884 286.6981
754.4100	6	K	3	459.3044 230.1561
882.4686	7	Q	2	303.1781 152.0930
	8	R	1	175.1195 88.0637

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

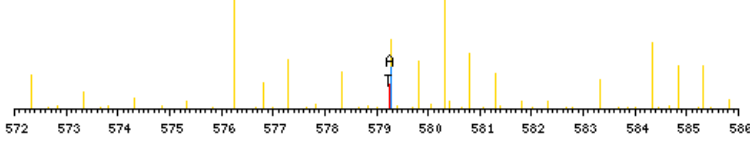
NYYEQWGK, MH+ 1157.5268, m/z 579.2670
 L OSG41 P180811 230811-s1.04636.04636.2.dta

scan 4636; 9.2e-001



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

scan 4634; 579.3 m/z; 1.9e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
157.0613	1	N 8		
320.1247	2	Y 7	1001.4733	501.2406
483.1880	3	Y 6	838.4100	419.7089
612.2306	4	E 5	675.3466	338.1772
740.2892	5	Q 4	546.3040	273.6559
926.3685	6	W 3	418.2455	209.6266
983.3899	7	G 2	232.1662	116.5870
	8	K 1	175.1447	88.0763

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

QDAENVAVPEAAEER, MH+ 1669.7669, m/z 835.3871
 L OSG41 P180811 230811-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+

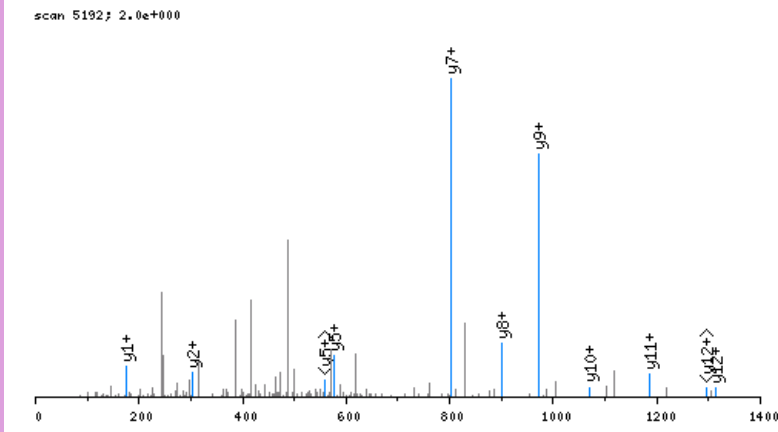
y + 2+ 3+

z + 2+ 3+

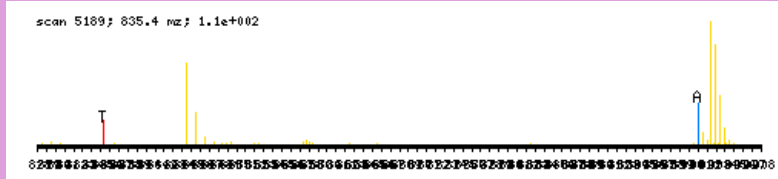
hide H₂O/NH₃

zoom 112-122

GO



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



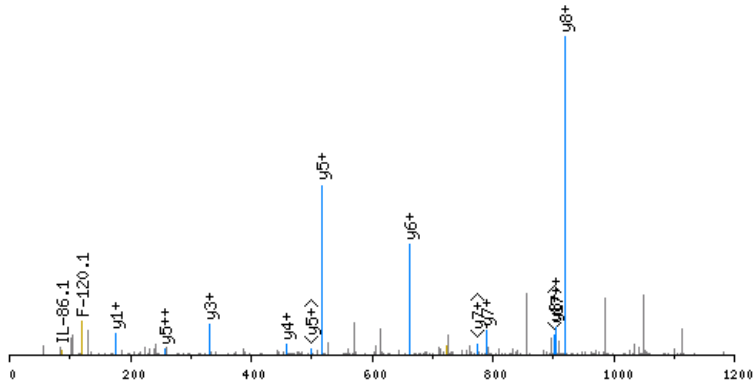
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
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

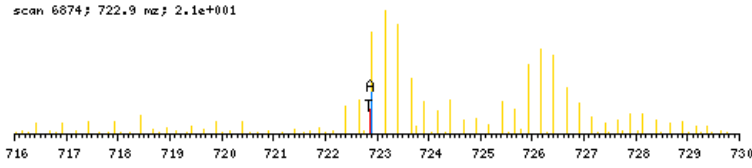
QEGDKVIHPGVSQAGEEMEYFGQGVK, MH+ 2888.4061, m/z 722.8570
 L OSG40 P180811 230811-s1.06876.06876.4.dta

scan 6876; 3.8e+000



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

scan 6874; 722.9 m/z; 2.1e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
171.0770	1	Q 26		
300.1196	2	E 25	2718.3370	1359.6724
357.1410	3	G 24	2589.2944	1295.1511
472.1680	4	D 23	2532.2729	1266.6404
634.3261	5	K 22	2417.2460	1209.1269
733.3945	6	V 21	2255.0879	1128.0479
846.4786	7	I 20	2156.0195	1078.5137
983.5375	8	H 19	2042.9354	1021.9716
1080.5902	9	P 18	1905.8765	953.4422
1137.6117	10	G 17	1808.8237	904.9158
1236.6801	11	V 16	1751.8023	876.4050
1323.7121	12	S 15	1652.7339	826.8708
1451.7707	13	Q 14	1565.7018	783.3548
1522.8078	14	A 13	1437.6433	719.3255
1579.8293	15	G 12	1366.6061	683.8070
1708.8719	16	E 11	1309.5847	655.2963
1837.9145	17	E 10	1180.5421	590.7750
1968.9550	18	M 9	1051.4995	526.2537
2097.9976	19	E 8	920.4590	460.7334
2226.0561	20	Q 7	791.4164	396.2121
2373.1245	21	F 6	663.3578	332.1828
2430.1460	22	G 5	516.2894	258.6486
2558.2046	23	Q 4	459.2680	230.1379
2615.2261	24	G 3	331.2094	166.1086
2714.2945	25	V 2	274.1879	137.5979
	26	R 1	175.1195	88.0637

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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

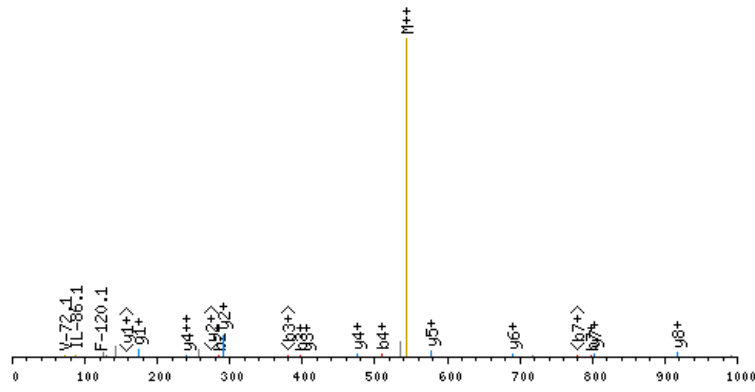
hide H₂O/NH₃

zoom 112-122

GO

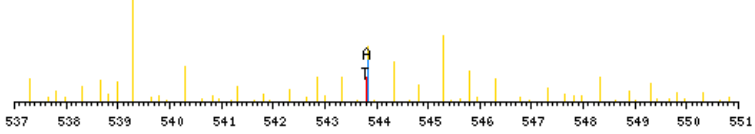
QLLLTADDR, MH+ 1086.5795, m/z 543.7934
 L OSG37 P180811 230811-s1.05208.05208.2.dta

scan 5208; 1.2e+001



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

scan 5204; 543.8 m/z; 3.0e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
171.0770	1	Q	9	
284.1610	2	L	8	916.5104 458.7591
397.2451	3	L	7	803.4263 402.2171
510.3292	4	L	6	690.3422 345.6750
611.3768	5	T	5	577.2582 289.1330
682.4140	6	A	4	476.2105 238.6092
797.4409	7	D	3	405.1734 203.0906
912.4678	8	D	2	290.1464 145.5771
	9	R	1	175.1195 88.0637

N-term:+43.02

QNDAGEFVDLYVPR, MH+ 1664.7920, m/z 555.6022
 L OSG41 P180811 230811-s1.07335.07335.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

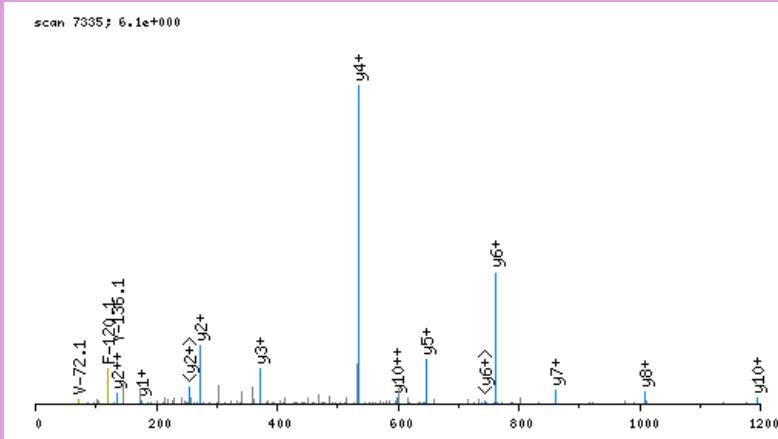
y + 2+ 3+

z + 2+ 3+

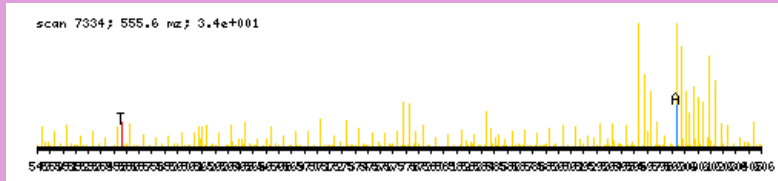
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

QNVTEYVVR, MH+ 1149.5904, m/z 575.2988
 L OSG41 P180811 230811-s1.05980.05980.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

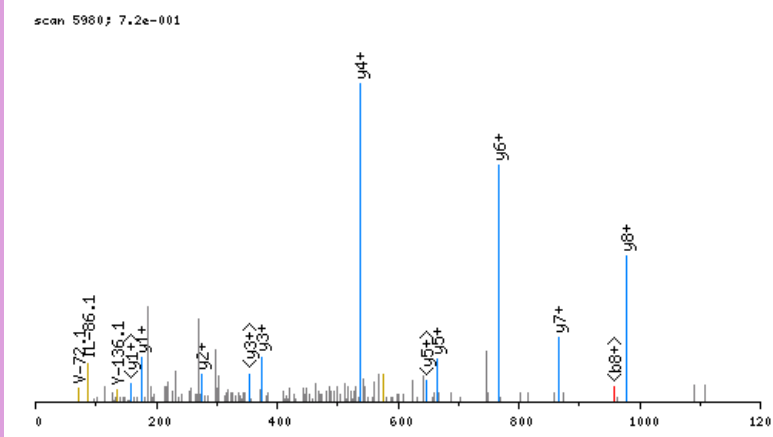
y + 2+ 3+

z + 2+ 3+

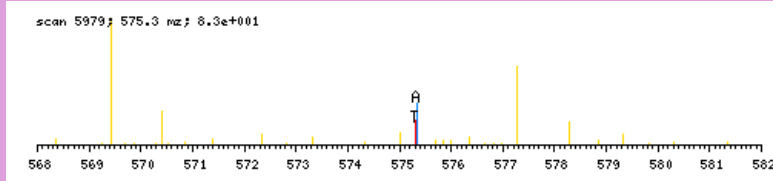
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	
285.1199	2	N	8	979.5213
384.1883	3	V	7	865.4783
485.2360	4	T	6	766.4099
614.2786	5	E	5	665.3623
777.3419	6	Y	4	536.3197
876.4103	7	V	3	373.2563
975.4787	8	V	2	274.1879
	9	R	1	175.1195

N-term:+43.02

QPASAKWYDR, MH+ 1297.6754, m/z 649.3413
 L OSG37 P180811 230811-s1.04982.04982.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

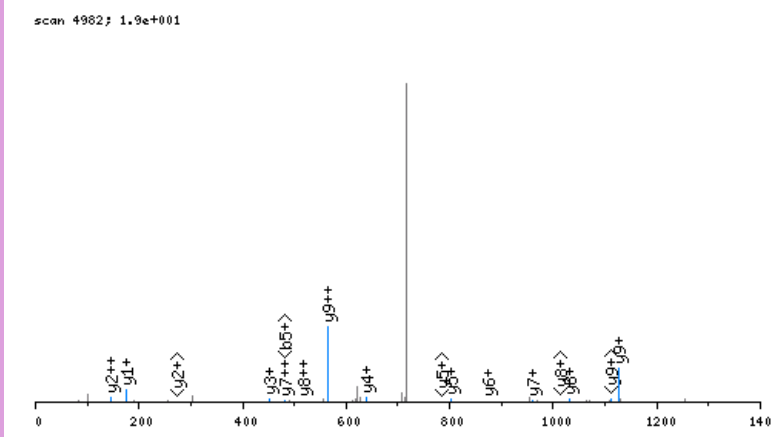
y + 2+ 3+

z + 2+ 3+

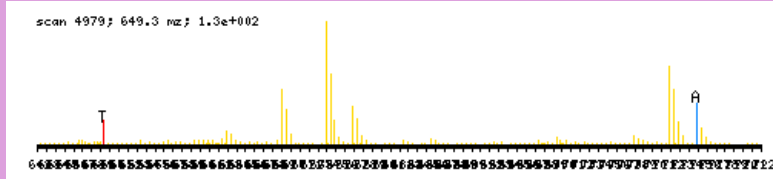
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1127.6062 564.3070
339.1669	3	A	8	1030.5534 515.7806
426.1989	4	S	7	959.5163 480.2621
497.2360	5	A	6	872.4843 436.7461
659.3941	6	K	5	801.4472 401.2275
845.4734	7	W	4	639.2891 320.1485
1008.5367	8	Y	3	453.2098 227.1088
1123.5637	9	D	2	290.1464 145.5771
	10	R	1	175.1195 88.0637

N-term:+43.02 K(6):+162.16

QSAPLEQPAKRPR, MH+ 1547.8658, m/z 516.6268
 L OSG40 P180811 230811-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+

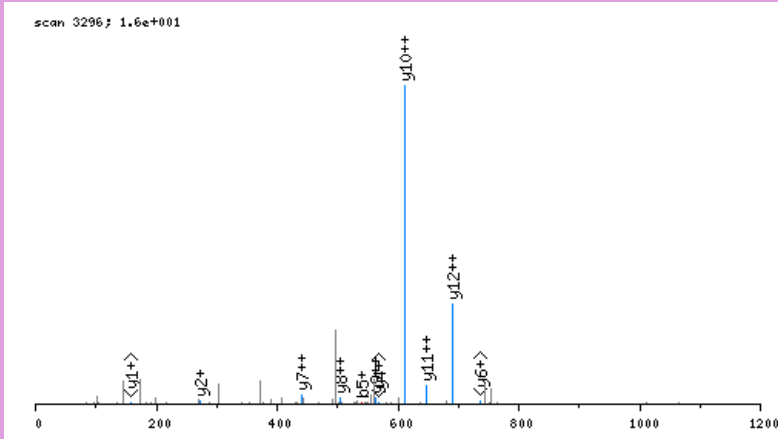
y + 2+ 3+

z + 2+ 3+

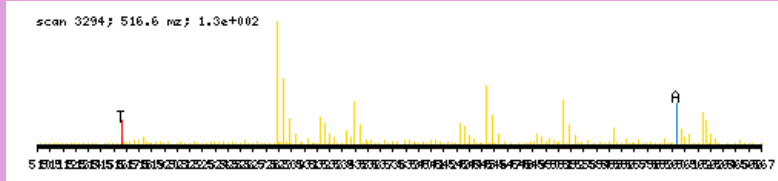
hide H₂O/NH₃

zoom 112-122

GO



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



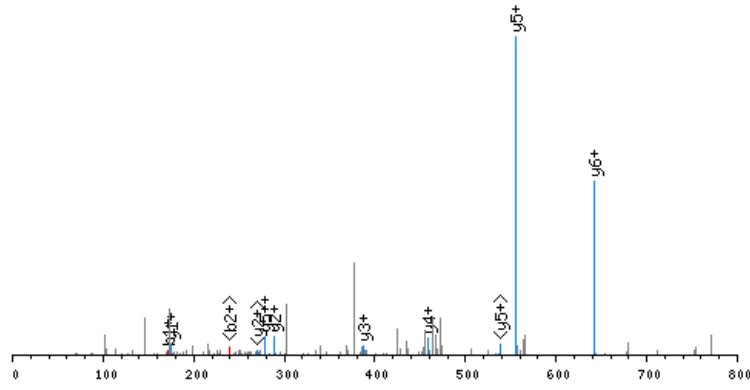
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

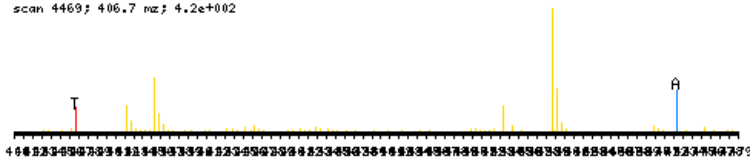
QSPAVLR, MH+ 812.4630, m/z 406.7352
 L OSG41 P180811 230811-s1.04473.04473.2.dta

scan 4473; 1.3e+000



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

scan 4469; 406.7 m/z; 4.2e+002



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

b ⁺	#	AA #	y ⁺	y ²⁺
171.0770	1	Q	7	
258.1090	2	S	6	642.3939 321.7009
355.1618	3	P	5	555.3619 278.1848
426.1989	4	A	4	458.3091 229.6585
525.2673	5	V	3	387.2720 194.1399
638.3514	6	L	2	288.2036 144.6057
	7	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

QTAHTGLSHTADGADGQTSR, MH+ 2052.9335, m/z 684.9827
 L OSG39 P180811 230811-s1.02637.02637.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

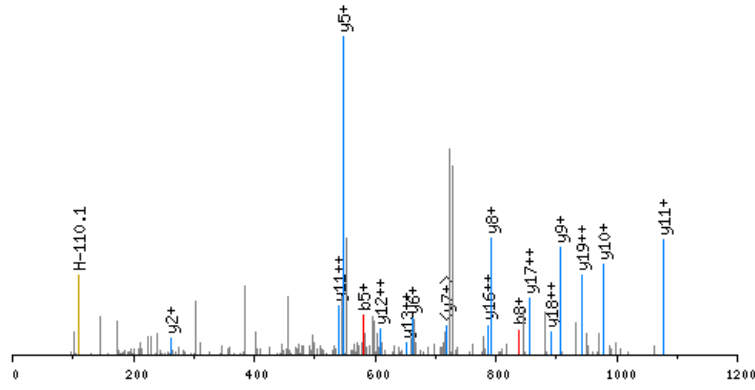
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

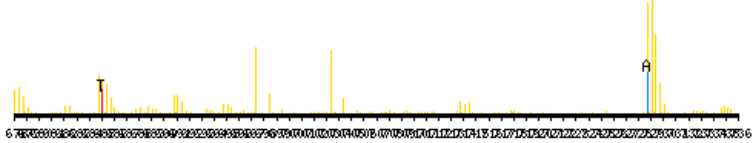
GO

scan 2637; 1.2e+000



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

scan 2636; 685.0 m/z; 1.2e+001



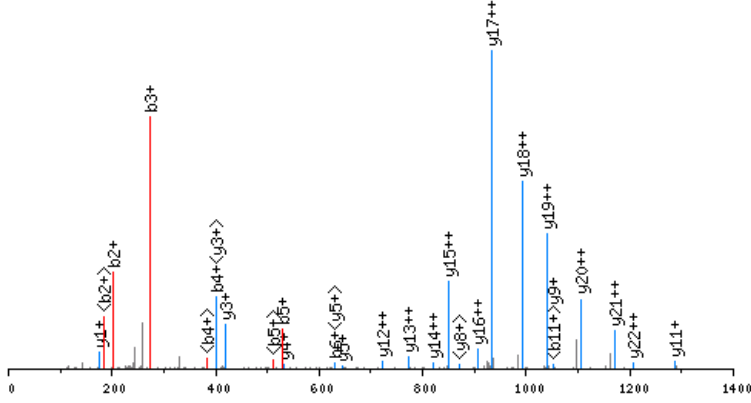
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
171.0770	1	Q	20		
272.1247	2	T	19	1882.8644	941.9361
343.1618	3	A	18	1781.8167	891.4123
480.2207	4	H	17	1710.7796	855.8937
581.2684	5	T	16	1573.7207	787.3642
638.2898	6	G	15	1472.6730	736.8404
751.3739	7	L	14	1415.6515	708.3297
838.4059	8	S	13	1302.5674	651.7876
975.4648	9	H	12	1215.5354	608.2716
1076.5125	10	T	11	1078.4765	539.7422
1147.5496	11	A	10	977.4288	489.2183
1262.5766	12	D	9	906.3917	453.6998
1319.5980	13	G	8	791.3648	396.1863
1390.6351	14	A	7	734.3433	367.6756
1505.6621	15	D	6	663.3062	332.1570
1562.6835	16	G	5	548.2792	274.6435
1690.7421	17	Q	4	491.2578	246.1328
1791.7898	18	T	3	363.1992	182.1035
1878.8218	19	S	2	262.1515	131.5797
	20	R	1	175.1195	88.0637

N-term:+43.02

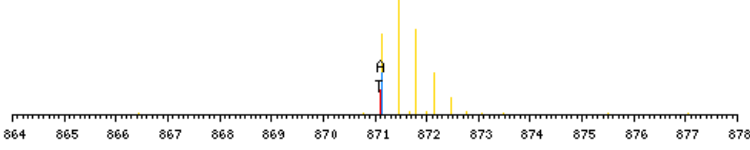
SAAEEVDGLGVVVRPHYGSVLDNER, MH+ 2611.2752, m/z 871.0966
 L OSG39 P180811 230811-s1.06099.06099.3.dta

scan 6099; 6.1e+000



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

scan 6096; 871.1 m/z; 3.3e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

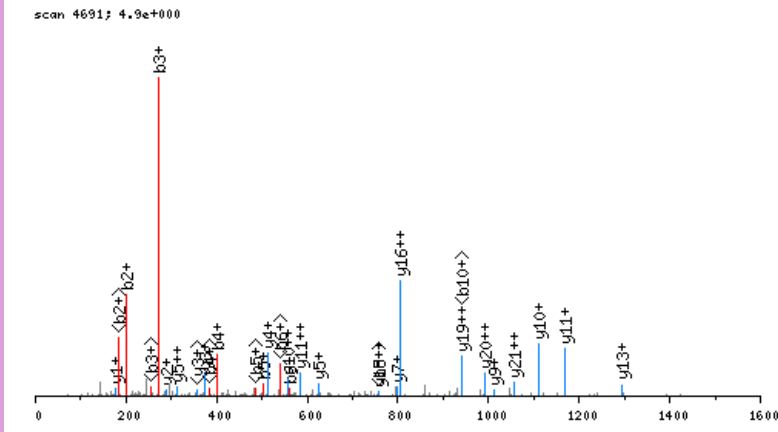
zoom 112-122

GO

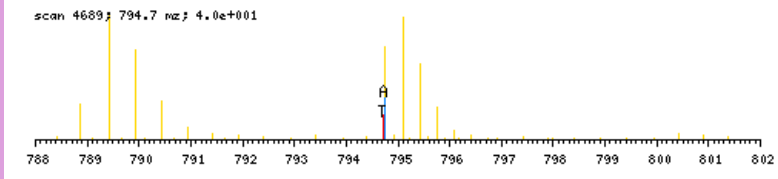
b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 24		
201.0875	2	A 23	2482.2326	1241.6202
272.1247	3	A 22	2411.1955	1206.1017
401.1672	4	E 21	2340.1584	1170.5831
530.2098	5	E 20	2211.1158	1106.0618
629.2783	6	V 19	2082.0732	1041.5405
744.3052	7	D 18	1983.0048	992.0063
801.3267	8	G 17	1867.9779	934.4928
914.4107	9	L 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
 L OSG37 P180811 230811-s1.04691.04691.3.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⁺
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

SADAAAGEPLPR, MH+ 1196.5912, m/z 598.7992
 L OSG41 P180811 230811-s1.03382.03382.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

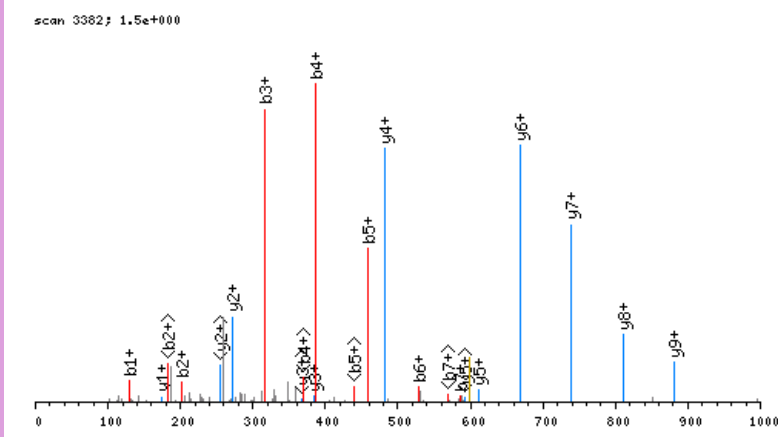
y + 2+ 3+

z + 2+ 3+

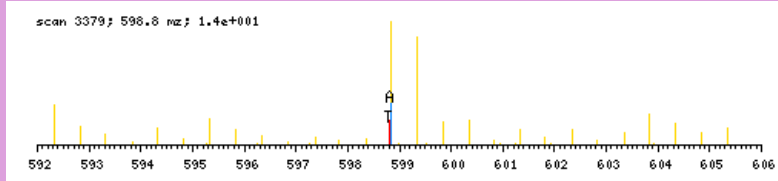
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG39 P180811 230811-s1.07718.07718.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

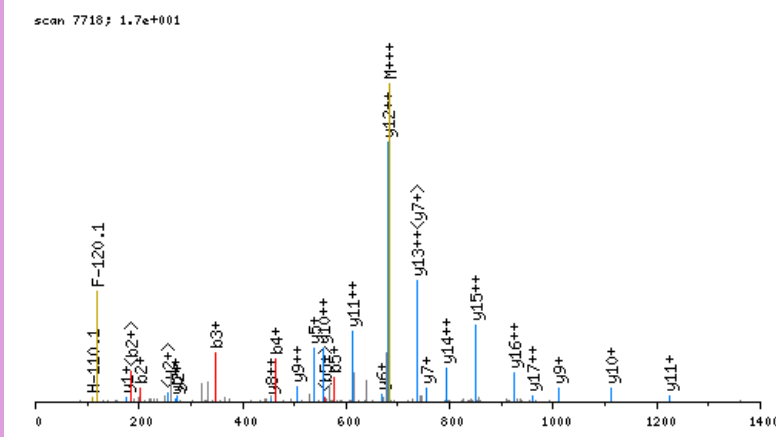
y + 2+ 3+

z + 2+ 3+

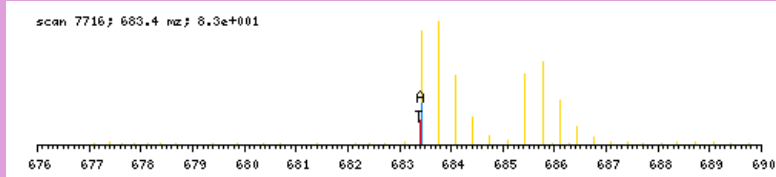
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

SAGGDFGNPLR, MH+ 1132.5387, m/z 566.7730
 L OSG41 P180811 230811-s1.04715.04715.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

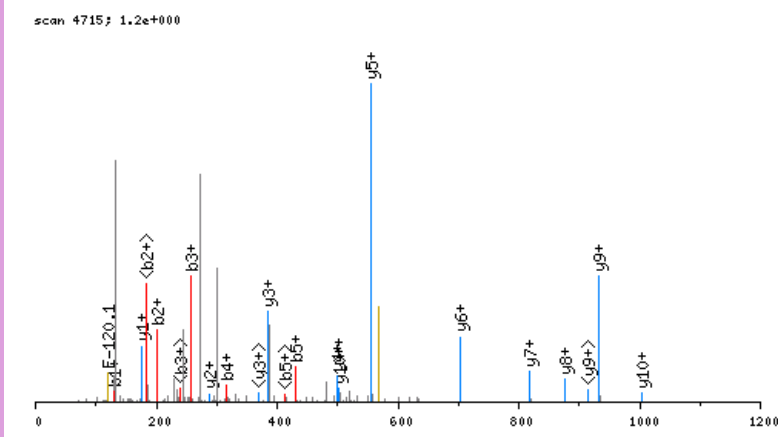
y + 2+ 3+

z + 2+ 3+

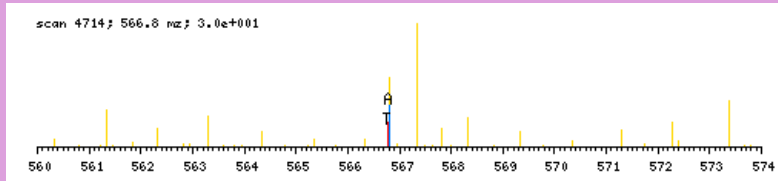
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1003.4961	502.2520
258.1090	3	G	9	932.4590	466.7334
315.1305	4	G	8	875.4375	438.2227
430.1574	5	D	7	818.4161	409.7120
577.2258	6	F	6	703.3891	352.1985
634.2473	7	G	5	556.3207	278.6643
748.2902	8	N	4	499.2993	250.1535
845.3430	9	P	3	385.2563	193.1321
958.4270	10	L	2	288.2036	144.6057
	11	R	1	175.1195	88.0637

N-term:+43.02

SAHLQWVVVR, MH+ 1268.6574, m/z 634.8323
 L OSG37 P180811 230811-s1.06671.06671.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

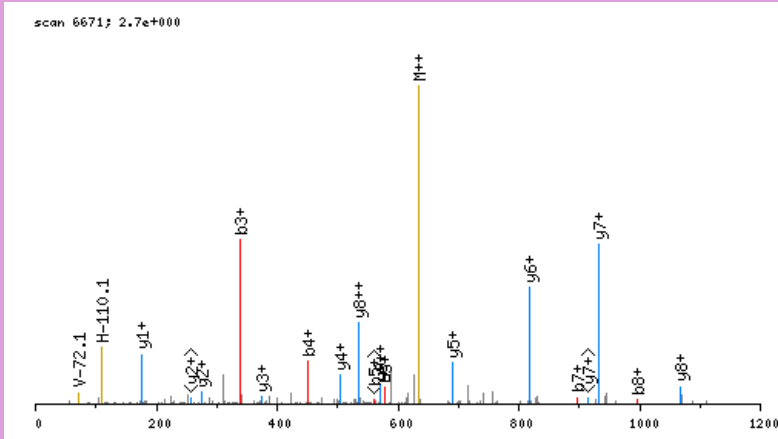
y + 2+ 3+

z + 2+ 3+

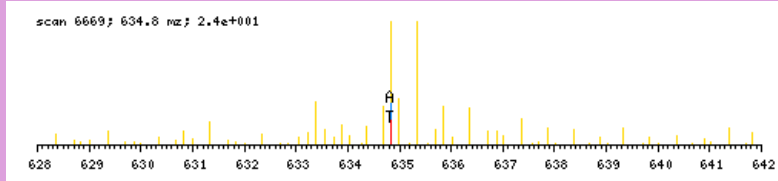
hide H₂O/NH₃

zoom 112-122

GO



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



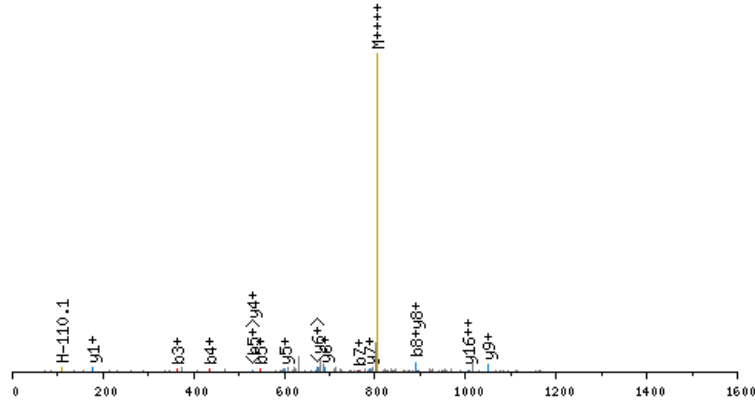
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S	10	
201.0875	2	A	9	1139.6148
338.1465	3	H	8	1068.5777
451.2305	4	L	7	931.5188
579.2891	5	Q	6	818.4347
765.3684	6	W	5	690.3761
896.4089	7	M	4	504.2968
995.4773	8	V	3	373.2563
1094.5457	9	V	2	274.1879
	10	R	1	175.1195

N-term:+43.02

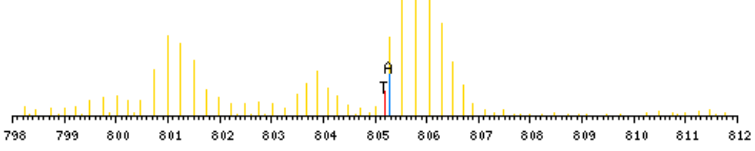
SAKAISEQTGKELLYKYICTTSAIQNR, MH+ 3217.7991, m/z 805.2052
 L OSG40 P180811 230811-s1.09163.09163.4.dta

scan 9163; 2.6e+001



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

scan 9159; 805.2 m/z; 4.0e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	27		
201.0875	2	A	26	3088.7565	1544.8822
363.2456	3	K	25	3017.7194	1509.3636
434.2828	4	A	24	2855.5613	1428.2846
547.3668	5	I	23	2784.5242	1392.7660
634.3988	6	S	22	2671.4402	1336.2240
763.4414	7	E	21	2584.4081	1292.7080
891.5000	8	Q	20	2455.3655	1228.1867
992.5477	9	T	19	2327.3070	1164.1574
1049.5692	10	G	18	2226.2593	1113.6336
1211.7273	11	K	17	2169.2378	1085.1228
1340.7699	12	E	16	2007.0797	1004.0438
1453.8539	13	L	15	1878.0371	939.5225
1566.9380	14	L	14	1764.9531	882.9804
1730.0013	15	Y	13	1651.8690	826.4384
1892.1594	16	K	12	1488.8057	744.9067
2055.2227	17	Y	11	1326.6476	663.8277
2168.3068	18	I	10	1163.5842	582.2960
2328.3374	19	C	9	1050.5002	525.7540
2429.3851	20	T	8	890.4696	445.7387
2530.4328	21	T	7	789.4219	395.2149
2617.4648	22	S	6	688.3742	344.6910
2688.5019	23	A	5	601.3422	301.1750
2801.5860	24	I	4	530.3051	265.6564
2929.6445	25	Q	3	417.2210	209.1144
3043.6875	26	N	2	289.1624	145.0851
	27	R	1	175.1195	88.0637

N-term:+43.02 K(3):+162.16
 K(11):+162.16 K(16):+162.16
 C(19):+160.03

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

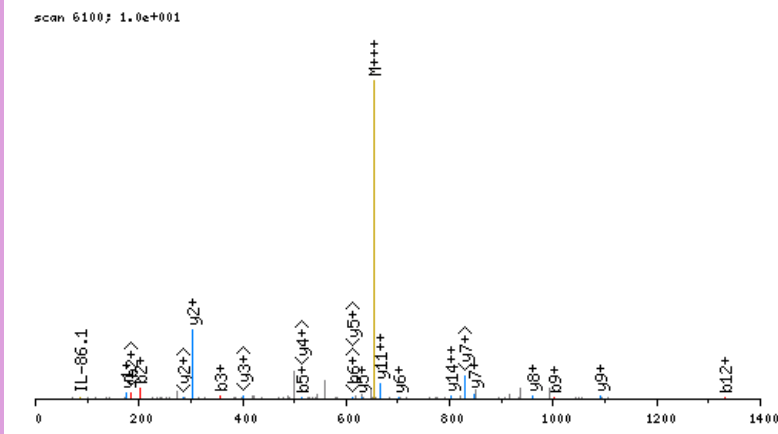
y + 2+ 3+

z + 2+ 3+

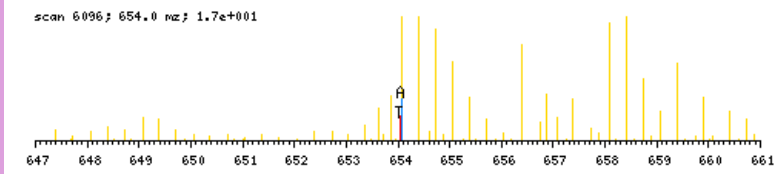
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
201.0875	2	A	16	1831.0330	916.0204
357.2138	3	K	15	1759.9959	880.5019
444.2459	4	S	14	1603.8696	802.4387
515.2830	5	A	13	1516.8376	758.9227
628.3670	6	I	12	1445.8004	723.4041
715.3991	7	S	11	1332.7164	666.8621
871.5254	8	K	10	1245.6843	623.3461
1000.5680	9	E	9	1089.5580	545.2829
1113.6520	10	I	8	960.5155	480.7616
1260.7204	11	F	7	847.4314	424.2196
1331.7576	12	A	6	700.3630	350.6854
1428.8103	13	P	5	629.3259	315.1668
1541.8944	14	L	4	532.2731	266.6405
1656.9213	15	D	3	419.1890	210.0984
1785.9639	16	E	2	304.1621	152.5850
	17	R	1	175.1195	88.0637

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

SALKAVFQYIDENQDR, MH+ 1973.0193, m/z 658.3446
 L OSG37 P180811 230811-s1.08846.08846.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

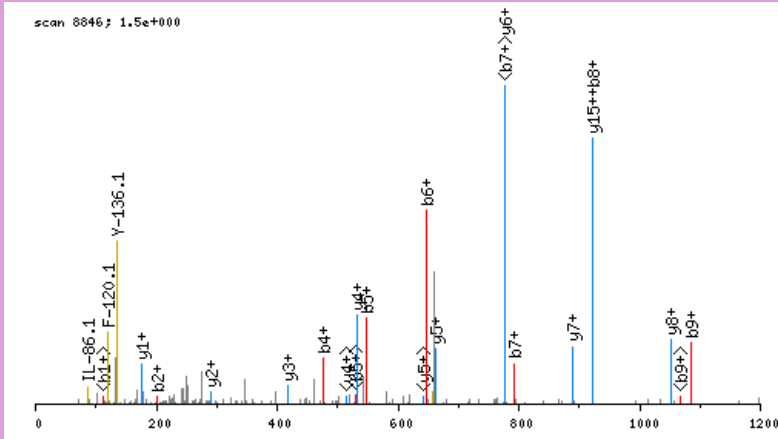
y + 2+ 3+

z + 2+ 3+

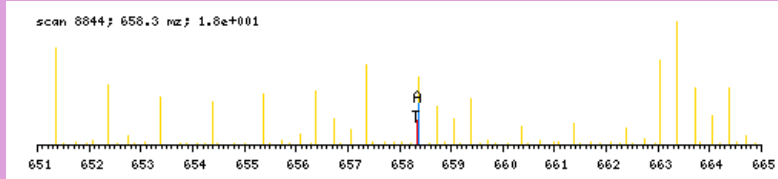
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1843.9767	922.4922
314.1716	3	L 14	1772.9396	886.9737
476.3297	4	K 13	1659.8555	830.4317
547.3668	5	A 12	1497.6974	749.3526
646.4352	6	V 11	1426.6603	713.8341
793.5036	7	F 10	1327.5919	664.2998
921.5622	8	Q 9	1180.5235	590.7656
1084.6256	9	Y 8	1052.4649	526.7364
1197.7096	10	I 7	889.4015	445.2047
1312.7366	11	D 6	776.3175	388.6627
1441.7792	12	E 5	661.2905	331.1492
1555.8221	13	N 4	532.2479	266.6279
1683.8807	14	Q 3	418.2050	209.6064
1798.9076	15	D 2	290.1464	145.5771
	16	R 1	175.1195	88.0637

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

SALLEQKEQQER, MH+ 1534.8290, m/z 512.2812
 L OSG37 P180811 230811-s1.04261.04261.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

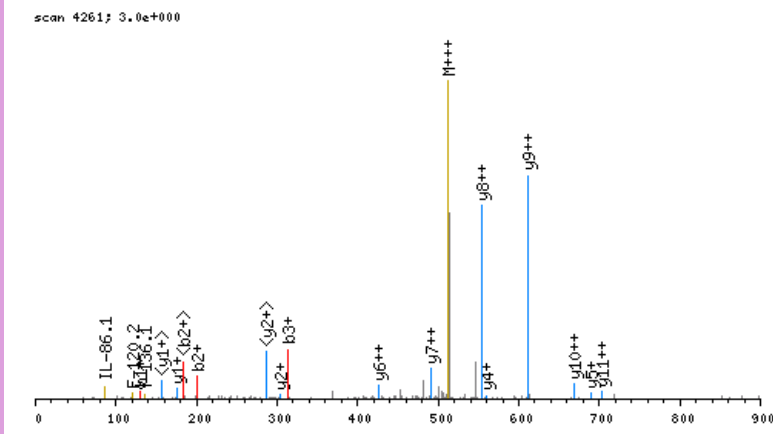
y + 2+ 3+

z + 2+ 3+

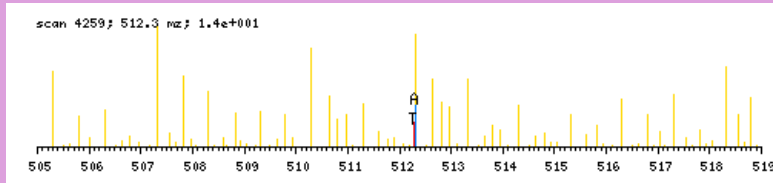
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1405.7864	703.3971
314.1716	3	L 10	1334.7492	667.8785
427.2557	4	L 9	1221.6652	611.3365
556.2983	5	E 8	1108.5811	554.7945
684.3568	6	Q 7	979.5385	490.2732
846.5149	7	K 6	851.4799	426.2439
975.5575	8	E 5	689.3218	345.1648
1103.6161	9	Q 4	560.2792	280.6435
1231.6747	10	Q 3	432.2207	216.6142
1360.7173	11	E 2	304.1621	152.5850
	12	R 1	175.1195	88.0637

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

SAMEAADVFHR, MH+ 1275.5792, m/z 638.2932
 L OSG37 P180811 230811-s1.06055.06055.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

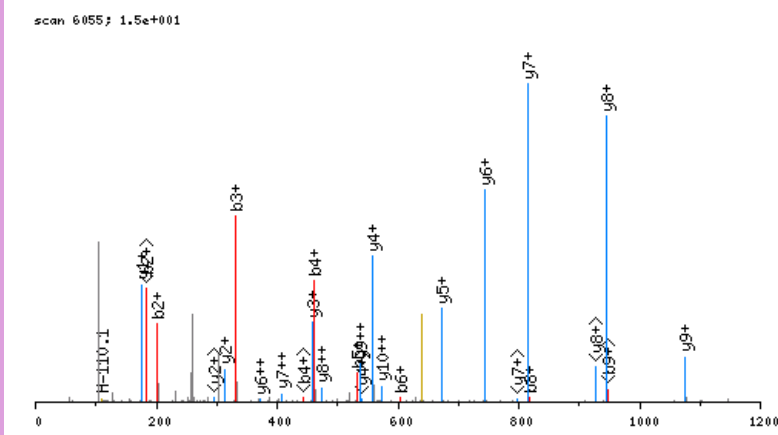
y + 2+ 3+

z + 2+ 3+

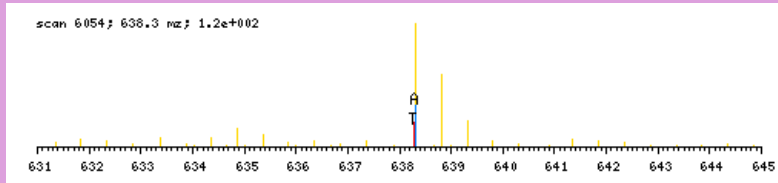
hide H₂O/NH₃

zoom 112-122

GO



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



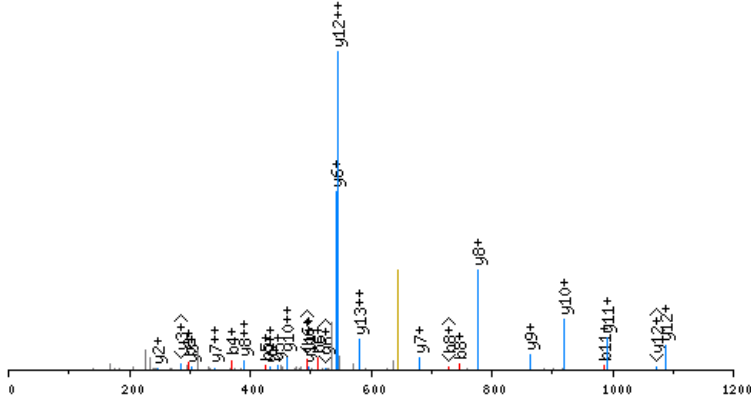
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

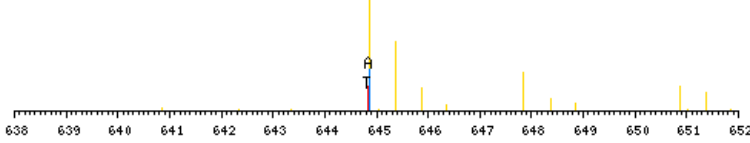
SAPAGSPHPAAGAR, MH+ 1288.6398, m/z 644.8236
L OSG37 P180811 230811-s1.02017.02017.2.dta

scan 2017; 4.0e+000



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

scan 2016; 644.8 m/z; 4.7e+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 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
 L OSG41 P180811 230811-s1.04806.04806.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

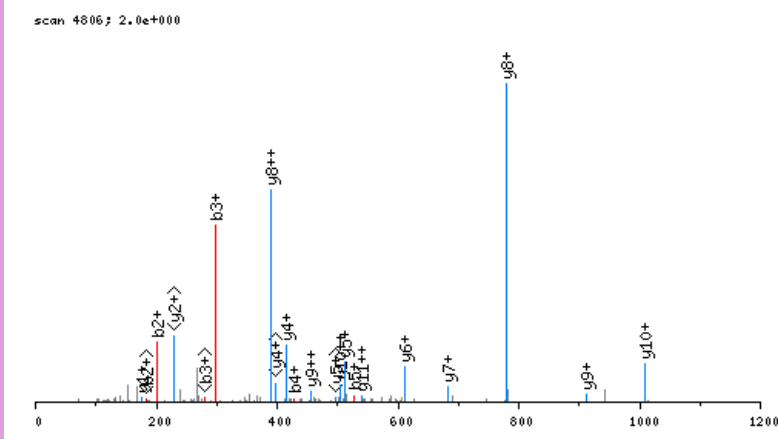
y + 2+ 3+

z + 2+ 3+

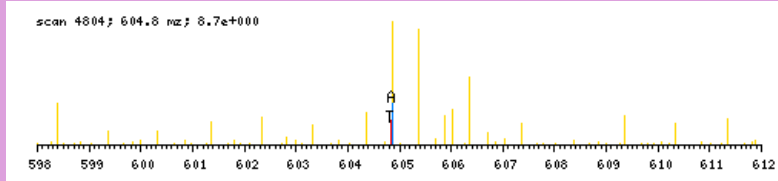
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

SASVSVISIR, MH+ 1046.5846, m/z 523.7959
 L OSG41 P180811 230811-s1.05355.05355.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

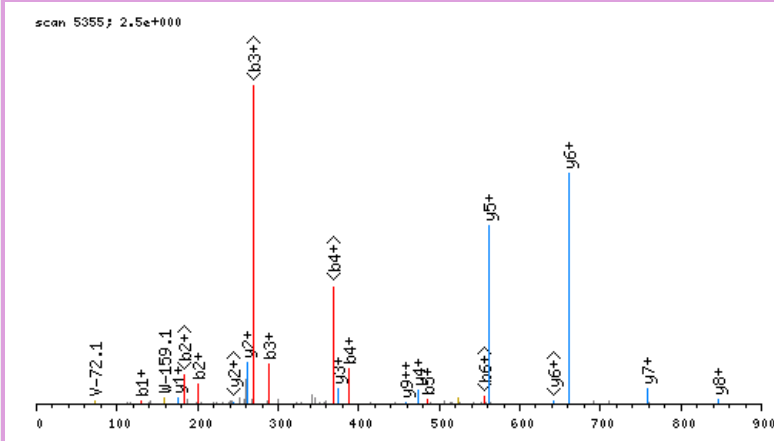
y + 2+ 3+

z + 2+ 3+

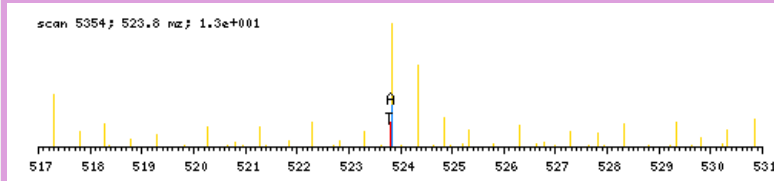
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG40 P180811 230811-s1.02601.02601.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

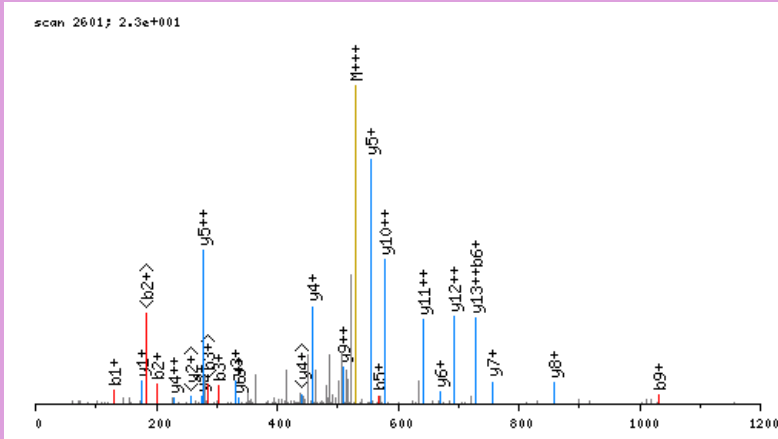
y + 2+ 3+

z + 2+ 3+

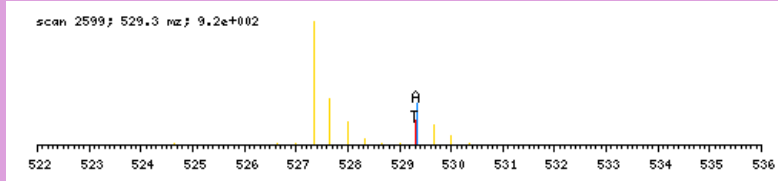
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
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

SCTDYGSRTKSKKASR, MH+ 1976.1084, m/z 659.3743
 L OSG40 P180811 230811-s1.11310.11310.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

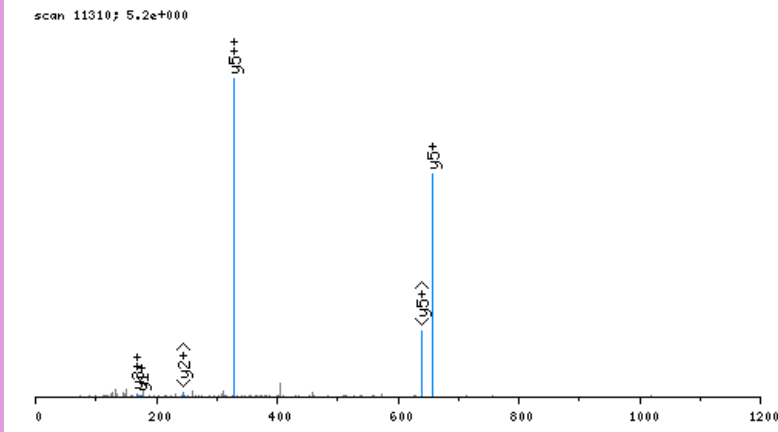
y + 2+ 3+

z + 2+ 3+

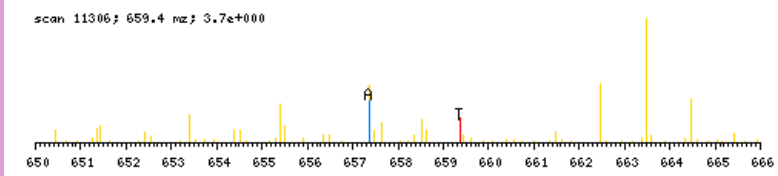
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
290.0810	2	C 15	1847.0658	924.0368
391.1287	3	T 14	1687.0352	844.0215
506.1557	4	D 13	1585.9875	793.4977
669.2190	5	Y 12	1470.9606	735.9842
726.2404	6	G 11	1307.8973	654.4525
813.2725	7	S 10	1250.8758	625.9418
969.3736	8	R 9	1163.8438	582.4258
1070.4213	9	T 8	1007.7426	504.3752
1232.5794	10	K 7	906.6950	453.8514
1319.6114	11	S 6	744.5369	372.7723
1481.7695	12	K 5	657.5048	329.2563
1643.9276	13	K 4	495.3467	248.1773
1714.9647	14	A 3	333.1886	167.0982
1801.9967	15	S 2	262.1515	131.5797
	16	R 1	175.1195	88.0637

N-term:+43.02 C(2):+160.03
 K(10):+162.16 K(12):+162.16
 K(13):+162.16

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

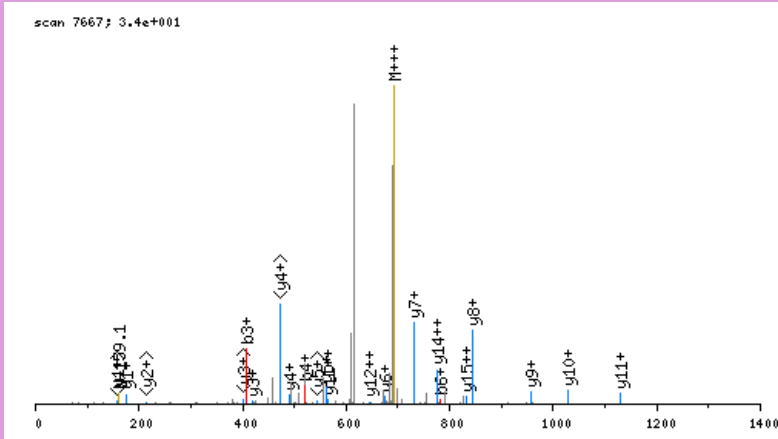
y + 2+ 3+

z + 2+ 3+

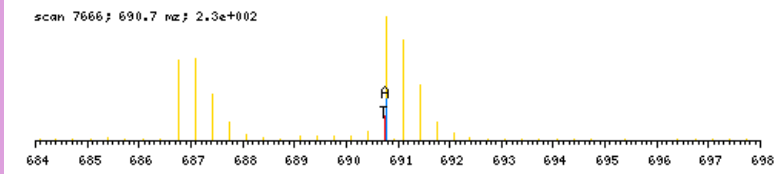
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1941.1599	971.0838
407.2355	3	K	16	1826.1329	913.5704
520.3195	4	L	15	1663.9748	832.4913
617.3723	5	P	14	1550.8908	775.9493
780.4356	6	Y	13	1453.8380	727.4229
942.5937	7	K	12	1290.7747	645.8912
1041.6621	8	V	11	1128.6166	564.8122
1112.6993	9	A	10	1029.5482	515.2780
1227.7262	10	D	9	958.5110	479.7594
1340.8103	11	I	8	843.4841	422.2460
1397.8317	12	G	7	730.4000	365.7039
1510.9158	13	L	6	673.3786	337.1932
1581.9529	14	A	5	560.2945	280.6512
1652.9900	15	A	4	489.2574	245.1326
1839.0693	16	W	3	418.2203	209.6141
1896.0908	17	G	2	232.1410	116.5744
	18	R	1	175.1195	88.0637

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

SDNGELEDKPPAPPVR, MH+ 1796.9243, m/z 599.6463
 L OSG37 P180811 230811-s1.04173.04173.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

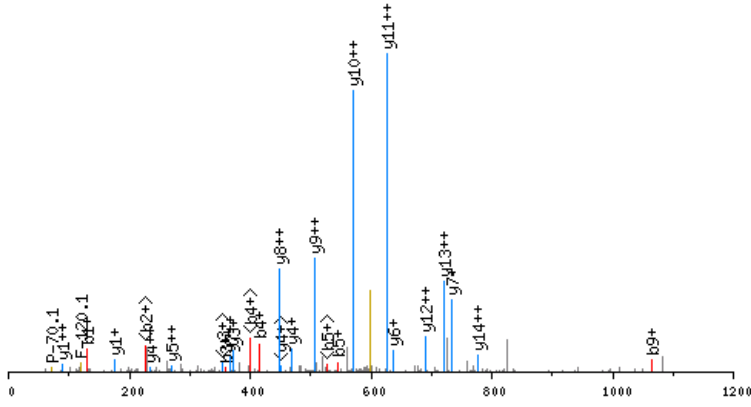
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

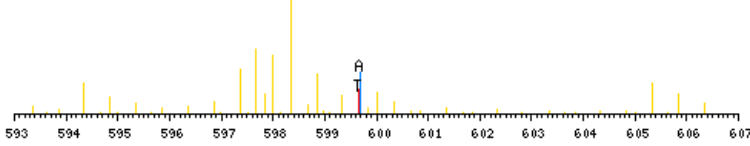
GO

scan 4173; 3.7e+000



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

scan 4169; 599.6 m/z; 7.5e+001



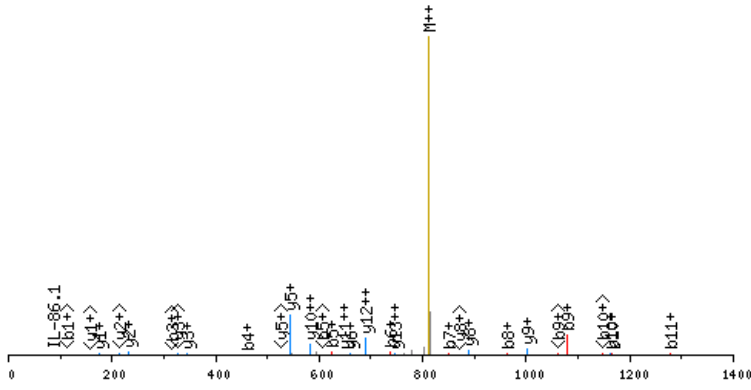
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

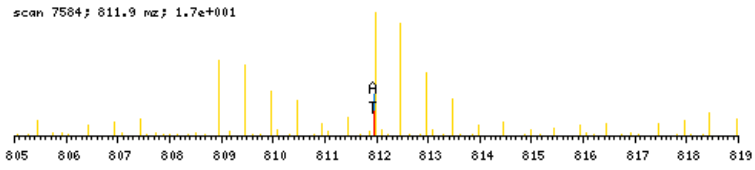
SDSEKLNLDISIIGR, MH+ 1622.8814, m/z 811.9443
 L OSG37 P180811 230811-s1.07585.07585.2.dta

scan 7585; 2.1e+001



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

scan 7584; 811.9 m/z; 1.7e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

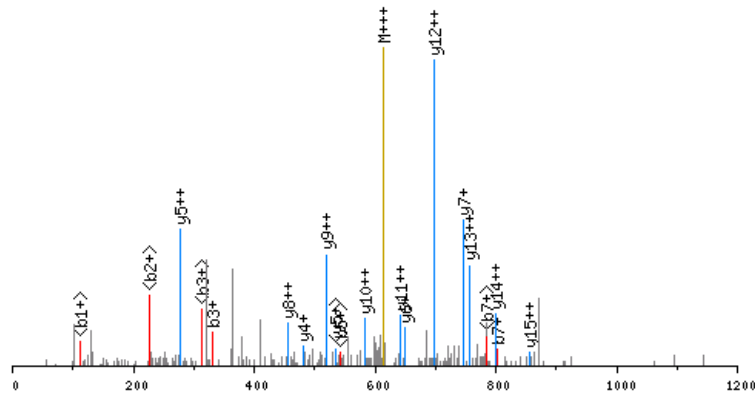
GO

b ⁺	#	AA #	y ⁺	y ²⁺
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

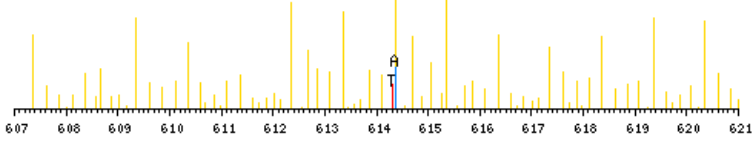
SDSLDNEEKPPAPPLR, MH+ 1840.9505, m/z 614.3217
 L OSG36 P180811 230811-s1.03485.03485.3.dta

scan 3485; 7.9e-001



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

scan 3484; 614.3 m/z; 1.8e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
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+ 2159.0906, m/z 720.3684
 L OSG37 P180811 230811-s1.08345.08345.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

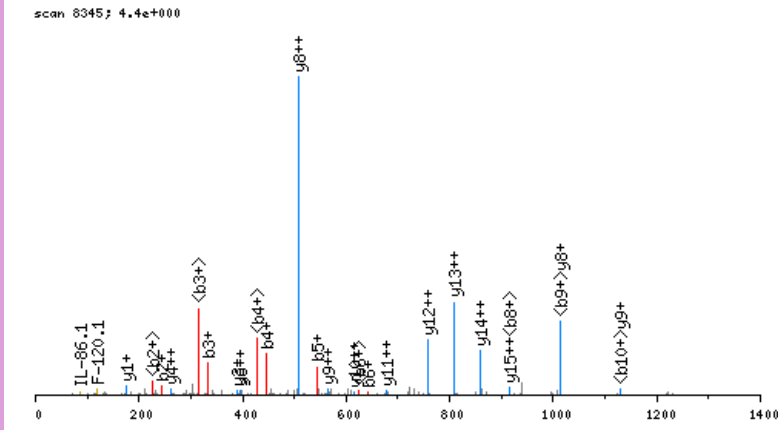
y + 2+ 3+

z + 2+ 3+

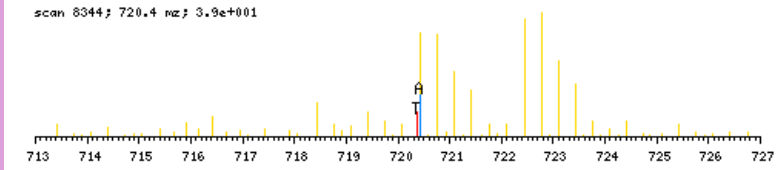
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	2030.0480	1015.5279
332.1094	3	S 16	1915.0210	958.0144
445.1935	4	L 15	1827.9890	914.4984
544.2619	5	V 14	1714.9049	857.9564
643.3303	6	V 13	1615.8365	808.4222
803.3609	7	C 12	1516.7681	758.8880
932.4035	8	E 11	1356.7375	678.8727
1031.4719	9	V 10	1227.6949	614.3514
1146.4988	10	D 9	1128.6265	564.8172
1243.5516	11	P 8	1013.5996	507.3037
1372.5942	12	E 7	916.5468	458.7773
1485.6783	13	L 6	787.5042	394.2560
1641.8046	14	K 5	674.4201	337.7140
1770.8472	15	E 4	518.2938	259.6508
1871.8948	16	T 3	389.2512	195.1295
1984.9789	17	L 2	288.2036	144.6057
	18	R 1	175.1195	88.0637

N-term: +43.02 C(7): +160.03
 K(14): +156.13

SDSMDTGAGSIR, MH+ 1238.5323, m/z 619.7698
 L OSG41 P180811 230811-s1.03141.03141.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

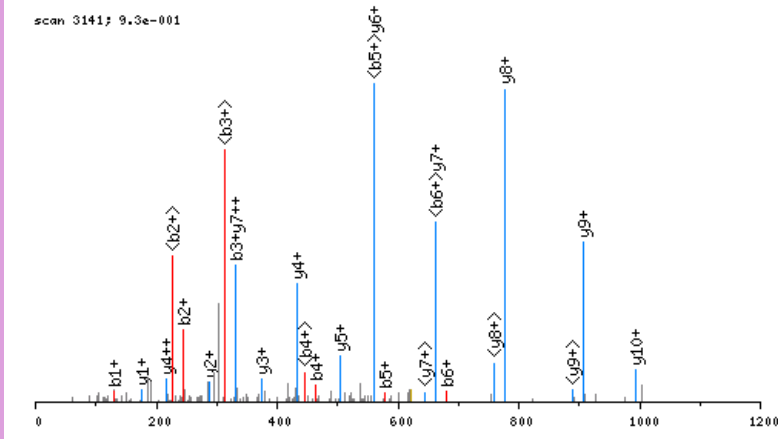
y + 2+ 3+

z + 2+ 3+

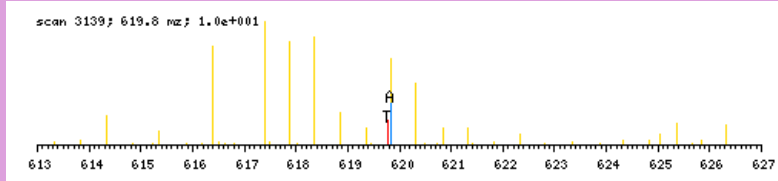
hide H₂O/NH₃

zoom 112-122

GO



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

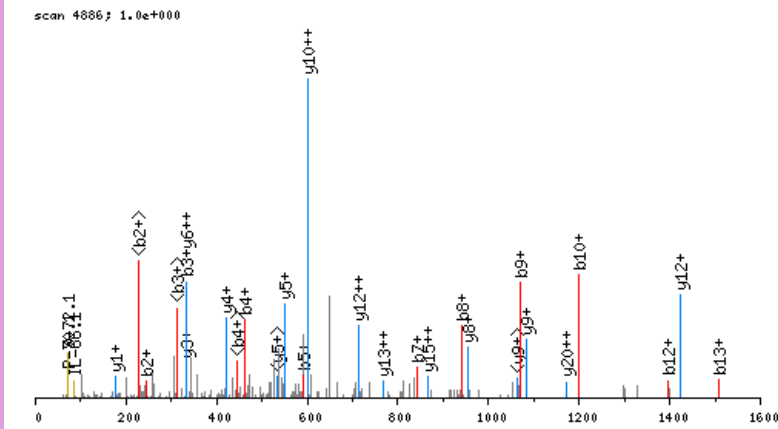


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

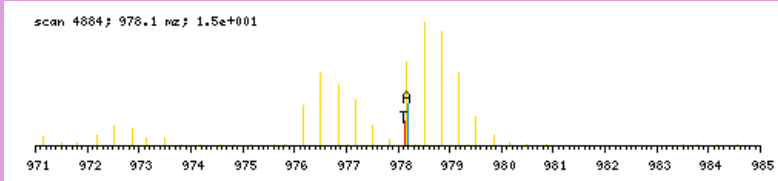
b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 12		
245.0774	2	D 11	1109.4897	555.2488
332.1094	3	S 10	994.4628	497.7353
463.1499	4	M 9	907.4307	454.2193
578.1768	5	D 8	776.3903	388.6990
679.2245	6	T 7	661.3633	331.1856
736.2460	7	G 6	560.3156	280.6617
807.2831	8	A 5	503.2942	252.1510
864.3045	9	G 4	432.2571	216.6324
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

SDSMESKTQQVVPEDEECLMSGTR, MH+ 2932.3438, m/z 978.1195
L OSG36 P180811 230811-s1.04886.04886.3.dta



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



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	25		
245.0774	2	D	24	2803.3012	1402.1545
332.1094	3	S	23	2688.2743	1344.6410
463.1499	4	M	22	2601.2422	1301.1250
592.1925	5	E	21	2470.2018	1235.6048
679.2245	6	S	20	2341.1592	1171.0835
841.3826	7	K	19	2254.1271	1127.5675
942.4303	8	T	18	2091.9690	1046.4884
1070.4889	9	Q	17	1990.9214	995.9646
1198.5474	10	Q	16	1862.8628	931.9353
1297.6159	11	V	15	1734.8042	867.9060
1396.6843	12	V	14	1635.7358	818.3718
1509.7683	13	I	13	1536.6674	768.8376
1606.8211	14	P	12	1423.5833	712.2956
1735.8637	15	E	11	1326.5305	663.7692
1850.8906	16	D	10	1197.4879	599.2479
1979.9332	17	E	9	1082.4610	541.7344
2108.9758	18	E	8	953.4184	477.2131
2269.0064	19	C	7	824.3758	412.6918
2382.0905	20	L	6	664.3452	332.6765
2513.1310	21	M	5	551.2612	276.1345
2600.1630	22	S	4	420.2207	210.6142
2657.1845	23	G	3	333.1886	167.0982
2758.2321	24	T	2	276.1672	138.5875
	25	R	1	175.1195	88.0637

N-term:+43.02 K(7):+162.16
C(19):+160.03

SDSSDSMDTGAGSIR, MH+ 1527.6233, m/z 764.3153
 L OSG41 P180811 230811-s1.03112.03112.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

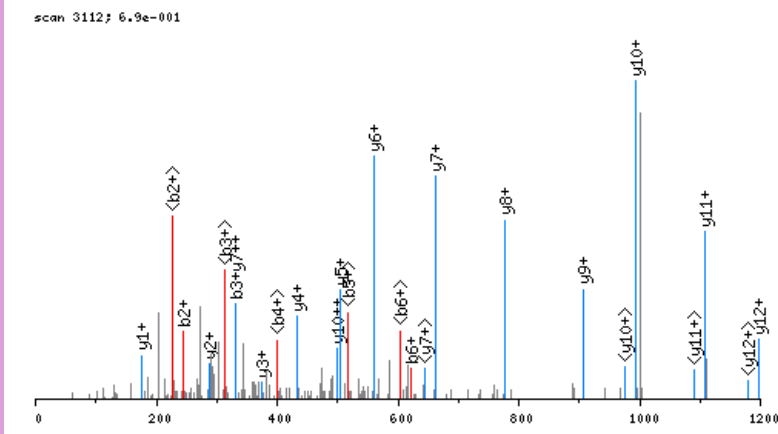
y + 2+ 3+

z + 2+ 3+

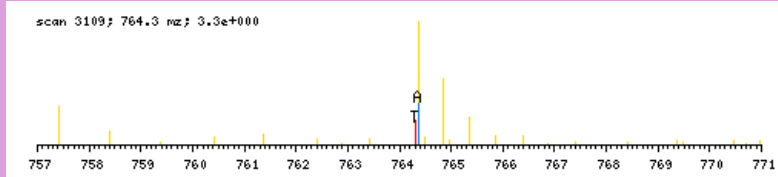
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

SDTPASTFGGR, MH+ 1137.5177, m/z 569.2625
 L OSG41 P180811 230811-s1.03451.03451.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

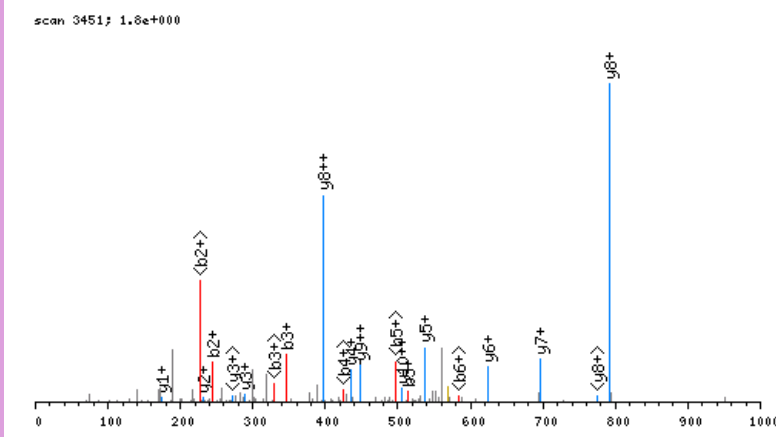
y + 2+ 3+

z + 2+ 3+

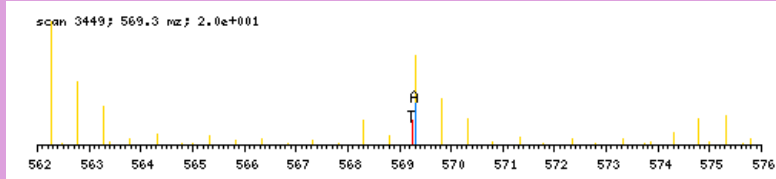
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

SEAFDCAKCNESLYGR, MH+ 1982.8800, m/z 661.6315
 L OSG37 P180811 230811-s1.05388.05388.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

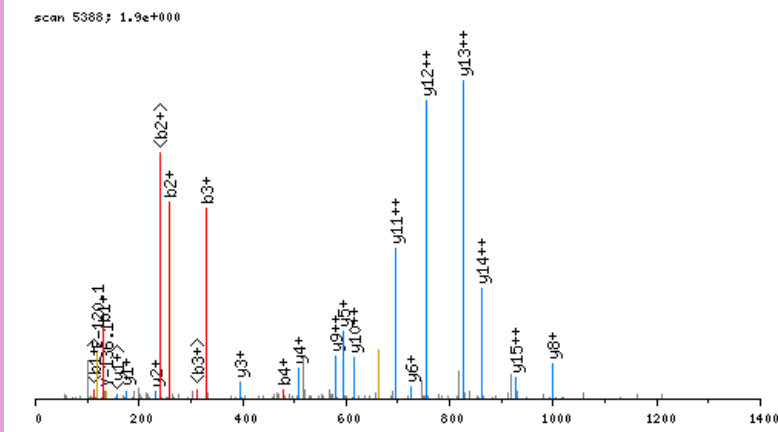
y + 2+ 3+

z + 2+ 3+

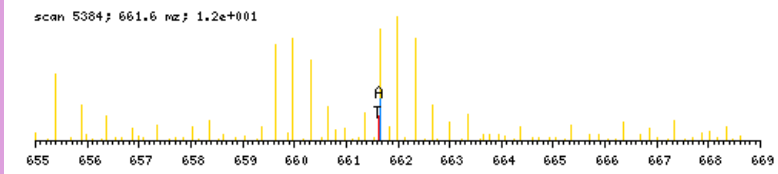
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1853.8374	927.4226
330.1301	3	A	14	1724.7948	862.9013
477.1985	4	F	13	1653.7577	827.3828
592.2255	5	D	12	1506.6893	753.8485
752.2561	6	C	11	1391.6623	696.3351
823.2932	7	A	10	1231.6317	616.3198
985.4513	8	K	9	1160.5946	580.8012
1145.4819	9	C	8	998.4365	499.7222
1259.5248	10	N	7	838.4059	419.7069
1388.5674	11	E	6	724.3630	362.6854
1475.5995	12	S	5	595.3204	298.1641
1588.6835	13	L	4	508.2884	254.6481
1751.7468	14	Y	3	395.2043	198.1061
1808.7683	15	G	2	232.1410	116.5744
	16	R	1	175.1195	88.0637

N-term:+43.02 C(6):+160.03
 K(8):+162.16 C(9):+160.03

SEDSSALPWSINR, MH+ 1503.7080, m/z 752.3576
 L OSG41 P180811 230811-s1.06328.06328.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

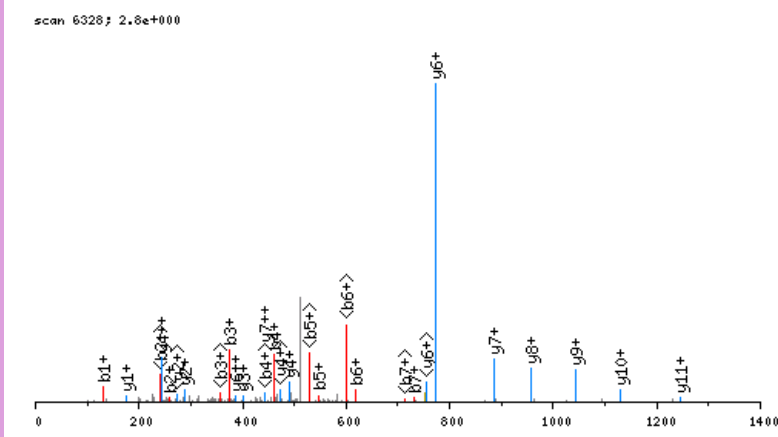
y + 2+ 3+

z + 2+ 3+

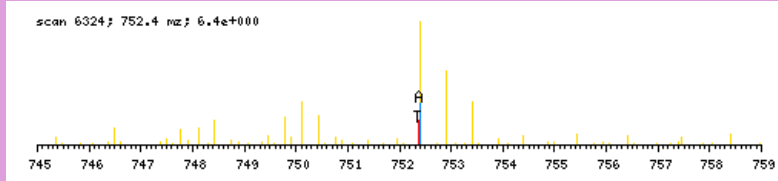
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
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

SEGDSVGDVSVHGKPSVVYR, MH+ 2044.9940, m/z 682.3362
 L OSG39 P180811 230811-s1.03113.03113.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

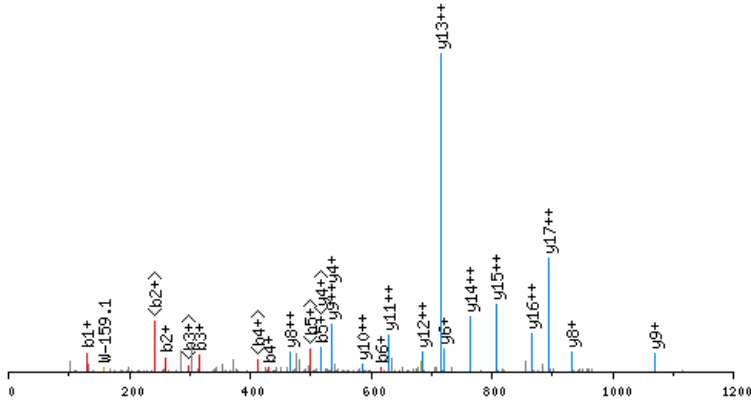
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

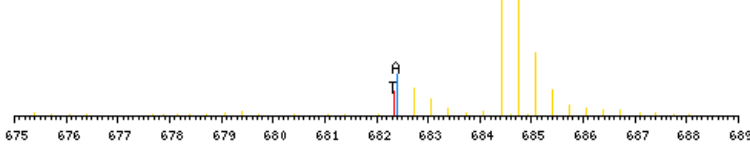
GO

scan 3113; 3.1e+000



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

scan 3111; 682.3 m/z; 4.8e+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
 L OSG40 P180811 230811-s1.02873.02873.3.dta

scan 2873; 3.6e+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+

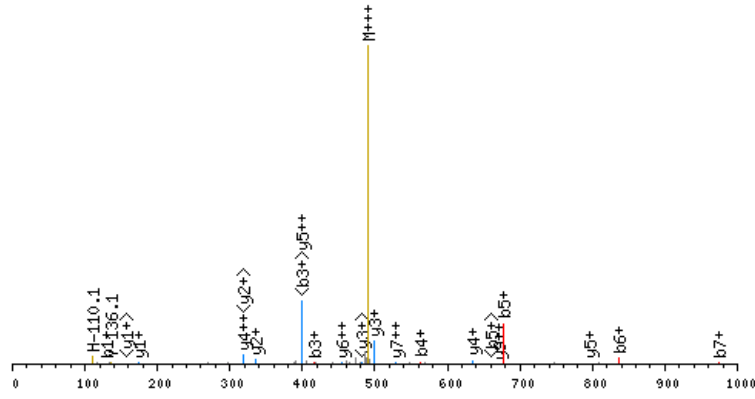
y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

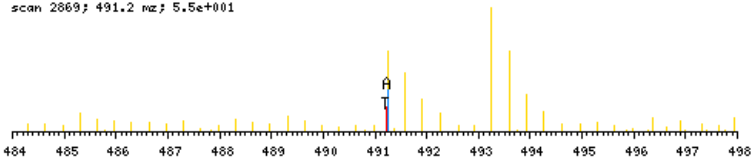
zoom 112-122

GO



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

scan 2869; 491.2 mz; 5.5e+001



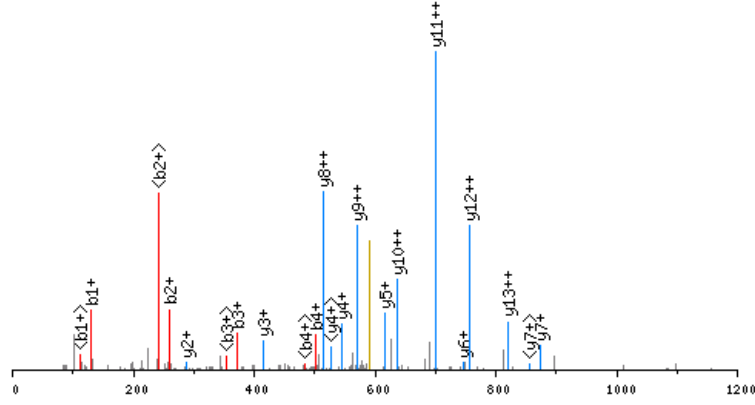
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

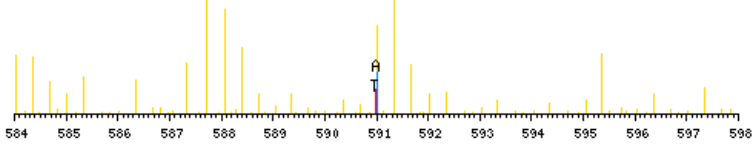
SELEQLRQEAQLR, MH+ 1770.8986, m/z 590.9711
 L OSG37 P180811 230811-s1.08270.08270.3.dta

scan 8270; 1.9e+000



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

scan 8269; 591.0 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⁺
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

SEPELKLVAR, MH+ 1211.7000, m/z 606.3536
 L OSG37 P180811 230811-s1.05096.05096.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

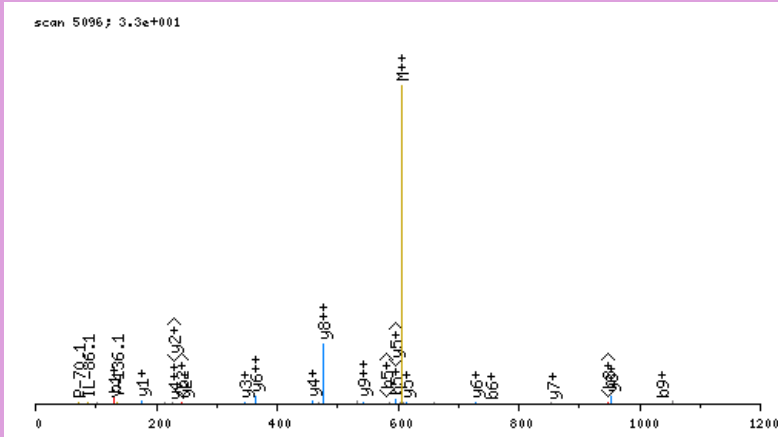
y + 2+ 3+

z + 2+ 3+

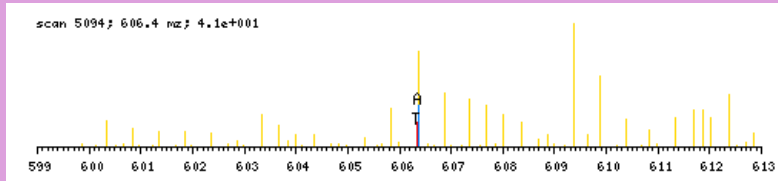
hide H₂O/NH₃

zoom 112-122

GO



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

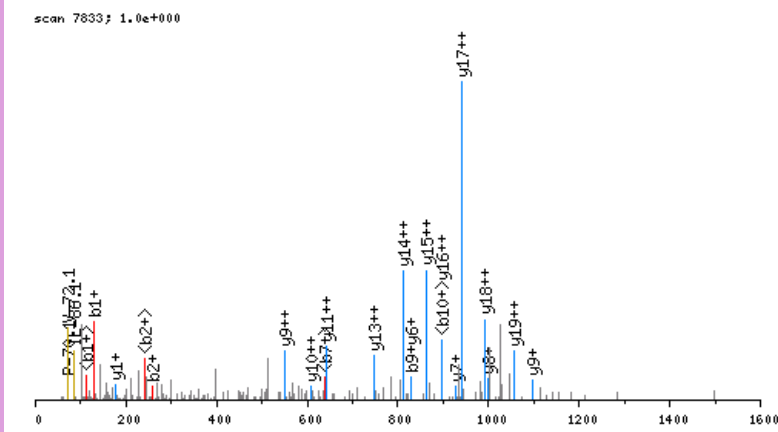


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

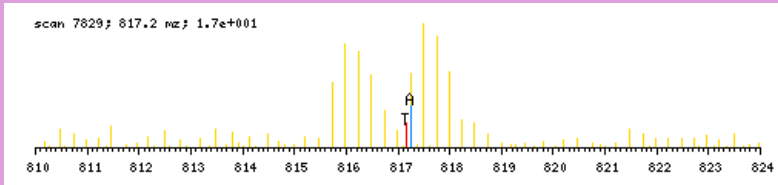
b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 10		
259.0930	2	E 9	1082.6574	541.8326
356.1458	3	P 8	953.6148	477.3113
485.1884	4	E 7	856.5620	428.7849
598.2724	5	L 6	727.5195	364.2636
754.3987	6	K 5	614.4354	307.7216
867.4828	7	L 4	458.3091	229.6585
966.5512	8	V 3	345.2250	173.1164
1037.5883	9	A 2	246.1566	123.5822
	10	R 1	175.1195	88.0637

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

SEPGGGEDGSAGLEVSQVAVLQKHLR, MH+ 3265.6877, m/z 817.1774
L OSG38 P180811 230811-s1.07833.07833.4.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	32		
259.0930	2	E	31	3136.6451	1568.8265
356.1458	3	P	30	3007.6025	1504.3052
413.1672	4	G	29	2910.5498	1455.7788
470.1887	5	G	28	2853.5283	1427.2681
527.2102	6	G	27	2796.5068	1398.7573
656.2528	7	E	26	2739.4854	1370.2466
771.2797	8	D	25	2610.4428	1305.7253
828.3012	9	G	24	2495.4158	1248.2118
915.3332	10	S	23	2438.3944	1219.7011
986.3703	11	A	22	2351.3623	1176.1851
1043.3918	12	G	21	2280.3252	1140.6665
1156.4758	13	L	20	2223.3038	1112.1558
1285.5184	14	E	19	2110.2197	1055.6138
1384.5869	15	V	18	1981.1771	991.0925
1471.6189	16	S	17	1882.1087	941.5583
1542.6560	17	A	16	1795.0767	898.0422
1641.7244	18	V	15	1724.0395	862.5237
1769.7830	19	Q	14	1624.9711	812.9895
1883.8259	20	N	13	1496.9126	748.9602
1982.8943	21	V	12	1382.8696	691.9387
2053.9314	22	A	11	1283.8012	642.4045
2168.9584	23	D	10	1212.7641	606.8860
2268.0268	24	V	9	1097.7372	549.3725
2339.0639	25	A	8	998.6687	499.8383
2438.1323	26	V	7	927.6316	464.3197
2551.2164	27	L	6	828.5632	414.7855
2679.2750	28	Q	5	715.4792	358.2435
2841.4331	29	K	4	587.4206	294.2142
2978.4920	30	H	3	425.2625	213.1352
3091.5760	31	L	2	288.2036	144.6057
	32	R	1	175.1195	88.0637

N-term:+43.02 K(29):+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

SESLVVCDVAEDLVEKLR, MH+ 2131.0957, m/z 711.0367
 L OSG37 P180811 230811-s1.09040.09040.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

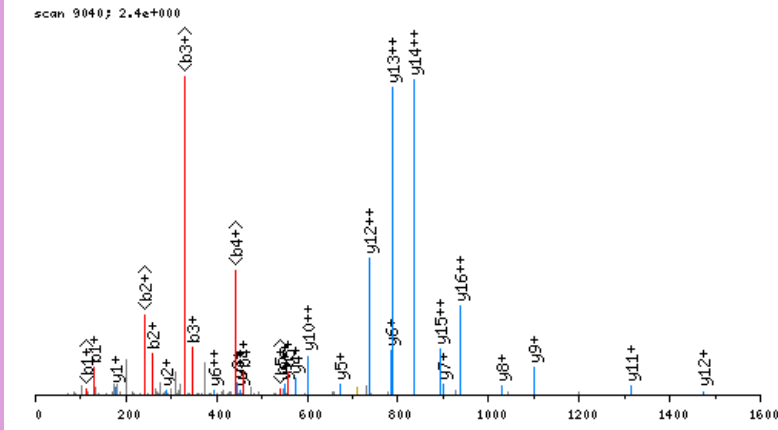
y + 2+ 3+

z + 2+ 3+

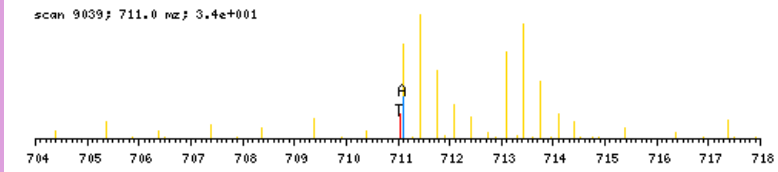
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
259.0930	2	E	17	2002.0531	1001.5304
346.1251	3	S	16	1873.0105	937.0091
459.2091	4	L	15	1785.9784	893.4931
558.2775	5	V	14	1672.8944	836.9511
657.3459	6	V	13	1573.8260	787.4169
817.3765	7	C	12	1474.7575	737.8827
932.4035	8	D	11	1314.7269	657.8674
1031.4719	9	V	10	1199.7000	600.3539
1102.5090	10	A	9	1100.6316	550.8197
1231.5516	11	E	8	1029.5945	515.3011
1346.5785	12	D	7	900.5519	450.7799
1459.6626	13	L	6	785.5249	393.2664
1558.7310	14	V	5	672.4409	336.7243
1687.7736	15	E	4	573.3725	287.1901
1843.8999	16	K	3	444.3299	222.6688
1956.9840	17	L	2	288.2036	144.6057
	18	R	1	175.1195	88.0637

N-term:+43.02 C (7):+160.03
 K (16):+156.13

SETVICSSR, MH+ 1080.4995, m/z 540.7534
 L OSG41 P180811 230811-s1.03000.03000.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

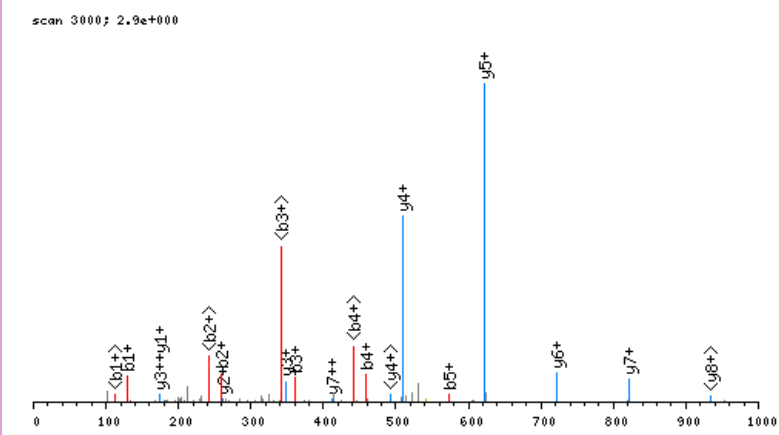
y + 2+ 3+

z + 2+ 3+

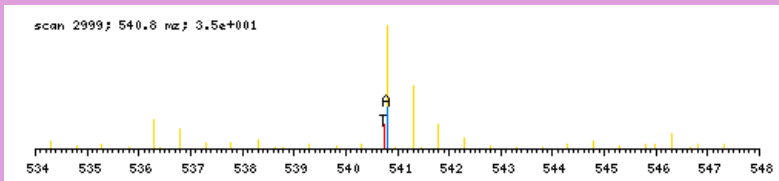
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
360.1407	3	T	7	822.4143
459.2091	4	V	6	721.3666
572.2932	5	I	5	622.2982
732.3238	6	C	4	509.2142
819.3558	7	S	3	349.1836
906.3878	8	S	2	262.1515
	9	R	1	175.1195

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

SFLKSFPPPGSADGLR, MH+ 1745.9227, m/z 582.6457
 L OSG37 P180811 230811-s1.08063.08063.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

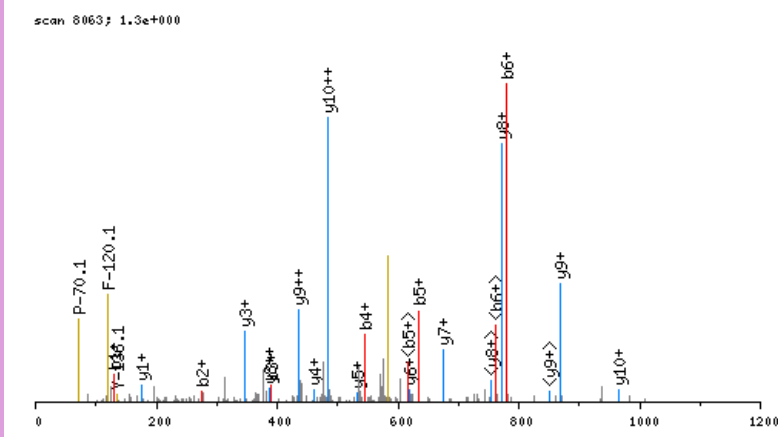
y + 2+ 3+

z + 2+ 3+

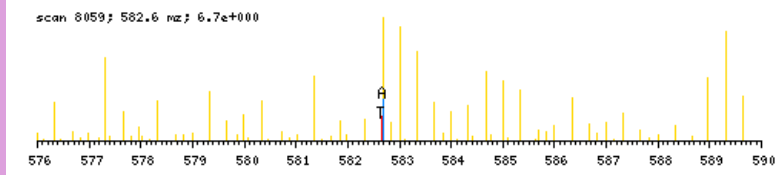
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
277.1188	2	F 15	1616.8801	808.9440
390.2029	3	L 14	1469.8117	735.4098
546.3292	4	K 13	1356.7276	678.8677
633.3612	5	S 12	1200.6013	600.8046
780.4296	6	F 11	1113.5693	557.2886
877.4824	7	P 10	966.5009	483.7543
974.5352	8	P 9	869.4481	435.2280
1071.5879	9	P 8	772.3953	386.7016
1128.6094	10	G 7	675.3426	338.1752
1215.6414	11	S 6	618.3211	309.6645
1286.6785	12	A 5	531.2891	266.1485
1401.7055	13	D 4	460.2520	230.6299
1458.7270	14	G 3	345.2250	173.1164
1571.8110	15	L 2	288.2036	144.6057
	16	R 1	175.1195	88.0637

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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

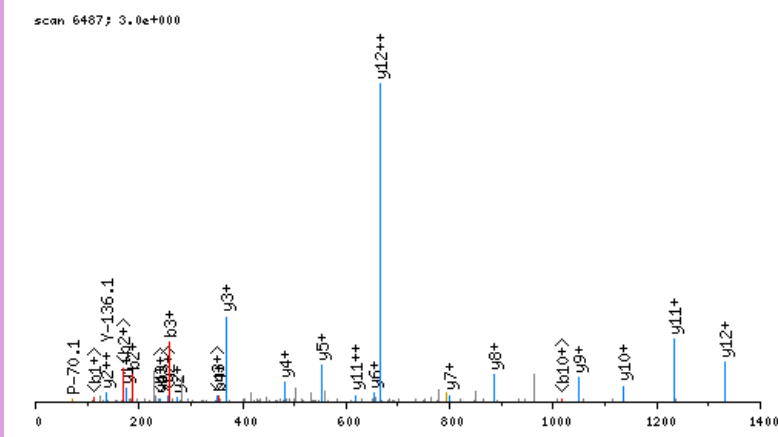
y + 2+ 3+

z + 2+ 3+

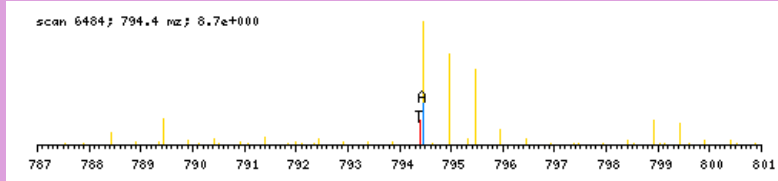
hide H₂O/NH₃

zoom 112-122

GO



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

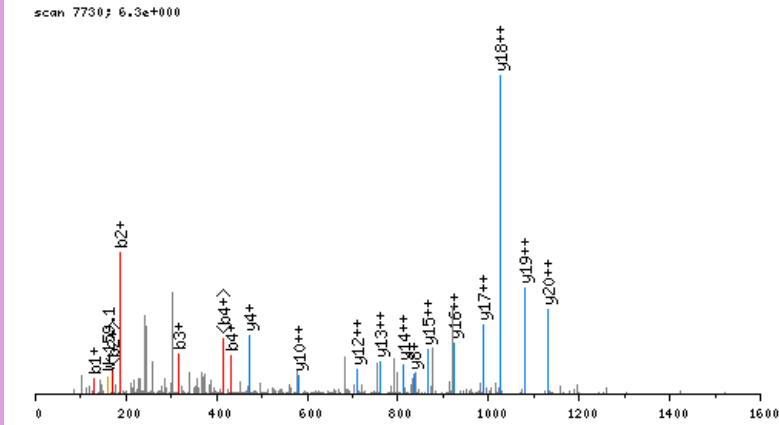


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

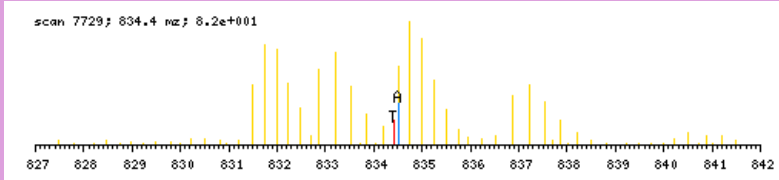
b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 15		
187.0719	2	G 14	1458.7745	729.8912
258.1090	3	A 13	1401.7531	701.3804
355.1618	4	P 12	1330.7159	665.8619
452.2145	5	P 11	1233.6632	617.3355
539.2466	6	S 10	1136.6104	568.8091
702.3099	7	Y 9	1049.5784	525.2931
789.3419	8	S 8	886.5151	443.7614
936.4103	9	F 7	799.4830	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

SGEDEQQEQTI AEDLVVTKYKMGDDIANR, MH+ 3334.6750, m/z 834.4242
 L OSG38 P180811 230811-s1.07730.07730.4.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

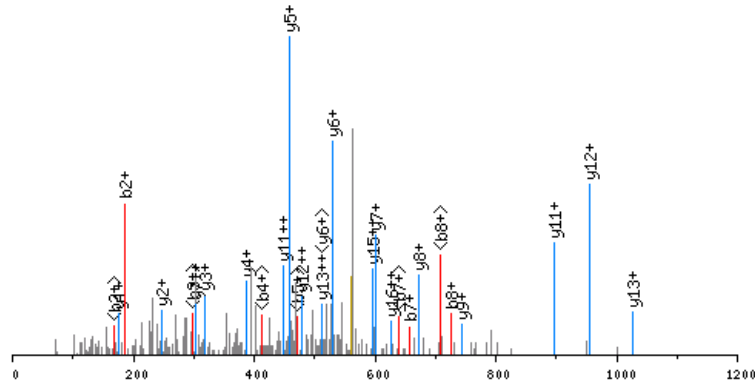
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	29		
187.0719	2	G	28	3205.6324	1603.3201
316.1145	3	E	27	3148.6109	1574.8094
431.1414	4	D	26	3019.5683	1510.2881
560.1840	5	E	25	2904.5414	1452.7746
688.2426	6	Q	24	2775.4988	1388.2533
816.3012	7	Q	23	2647.4402	1324.2240
945.3438	8	E	22	2519.3816	1260.1947
1073.4023	9	Q	21	2390.3390	1195.6734
1174.4500	10	T	20	2262.2805	1131.6441
1287.5341	11	I	19	2161.2328	1081.1203
1358.5712	12	A	18	2048.1487	1024.5783
1487.6138	13	E	17	1977.1116	989.0597
1602.6407	14	D	16	1848.0690	924.5384
1715.7248	15	L	15	1733.0421	867.0249
1814.7932	16	V	14	1619.9580	810.4829
1913.8616	17	V	13	1520.8896	760.9487
2014.9093	18	T	12	1421.8212	711.4145
2177.0674	19	K	11	1320.7735	660.8907
2340.1307	20	Y	10	1158.6154	579.8116
2502.2888	21	K	9	995.5521	498.2799
2633.3293	22	M	8	833.3940	417.2009
2690.3508	23	G	7	702.3535	351.6807
2747.3723	24	G	6	645.3320	323.1699
2862.3992	25	D	5	588.3105	294.6592
2975.4833	26	I	4	473.2836	237.1457
3046.5204	27	A	3	360.1995	180.6037
3160.5633	28	N	2	289.1624	145.0851
	29	R	1	175.1195	88.0637

N-term: +43.02 K(19): +162.16
 K(21): +162.16

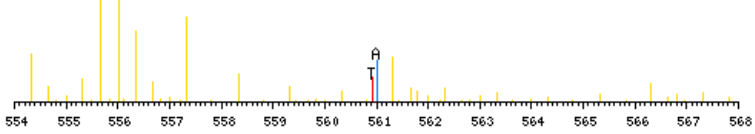
SGEDGPAAGPGAAAAAAR, MH+ 1680.7942, m/z 560.9362
 L OSG41 P180811 230811-s1.03890.03890.3.dta

scan 3890; 5.4e-001



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

scan 3889; 560.9 m/z; 2.8e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

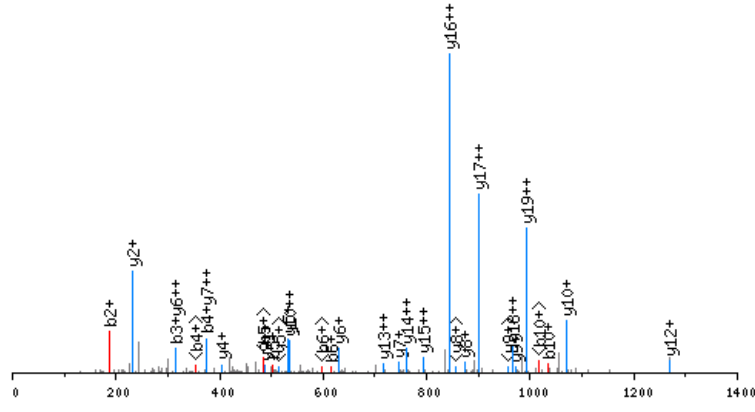
GO

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	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

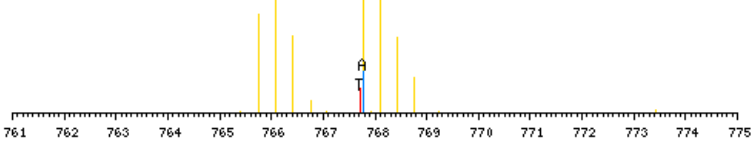
SGEGENPASKPTPVQDVQGDGR, MH+ 2301.1172, m/z 767.7106
 L OSG36 P180811 230811-s1.02825.02825.3.dta

scan 2825; 2.9e+000



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

scan 2822; 767.7 mz; 2.6e+000



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

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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

SGGEVVCSGWLR, MH+ 1348.6319, m/z 674.8196
 L OSG41 P180811 230811-s1.05967.05967.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

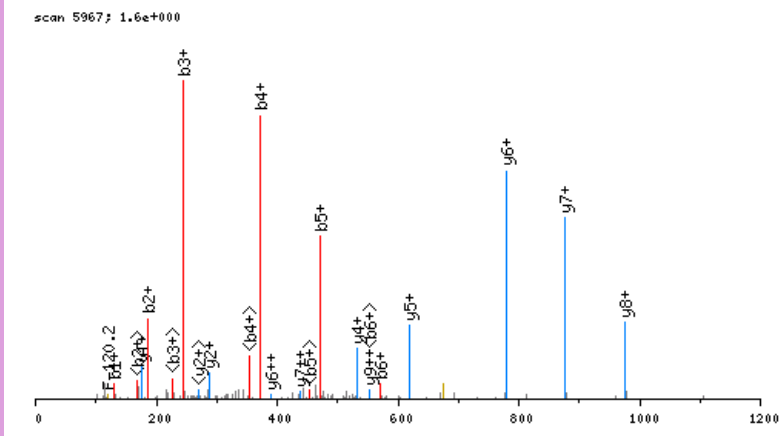
y + 2+ 3+

z + 2+ 3+

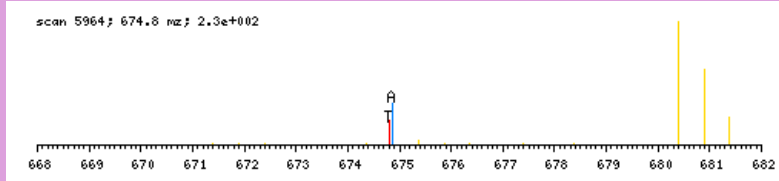
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
187.0719	2	G	11	1219.5893	610.2986
244.0934	3	G	10	1162.5679	581.7878
373.1359	4	E	9	1105.5464	553.2771
472.2044	5	V	8	976.5038	488.7558
571.2728	6	V	7	877.4354	439.2216
731.3034	7	C	6	778.3670	389.6874
818.3354	8	S	5	618.3364	309.6721
875.3569	9	G	4	531.3043	266.1561
1061.4362	10	W	3	474.2829	237.6454
1174.5202	11	L	2	288.2036	144.6057
	12	R	1	175.1195	88.0637

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

SGGKYVDSEGHLYTVPIR, MH+ 2048.0453, m/z 683.3533
 L OSG39 P180811 230811-s1.04697.04697.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

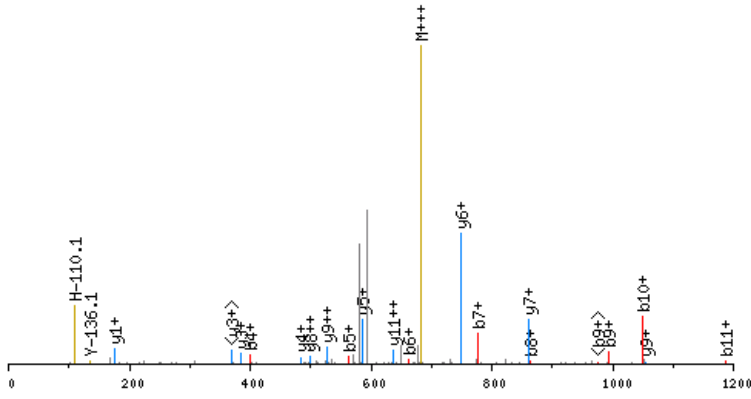
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

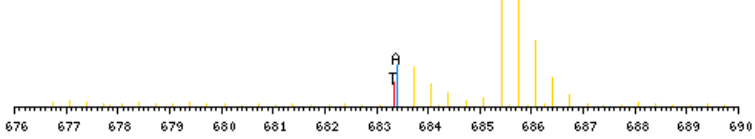
scan 4697; 6.9e+000



click image to zoom in; click top corners to zoom out

[precursor±]

scan 4696; 683.4 m/z; 5.3e+001



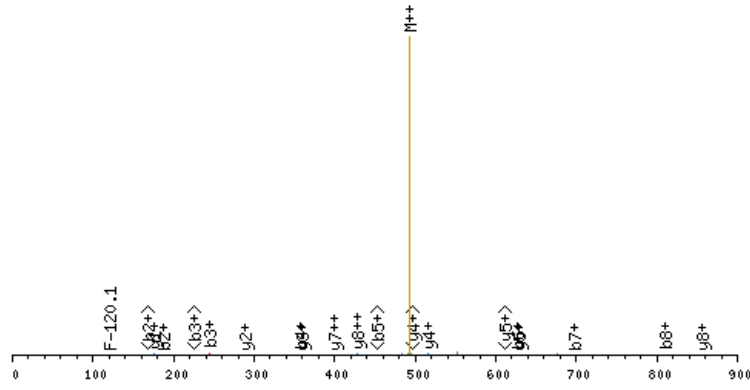
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

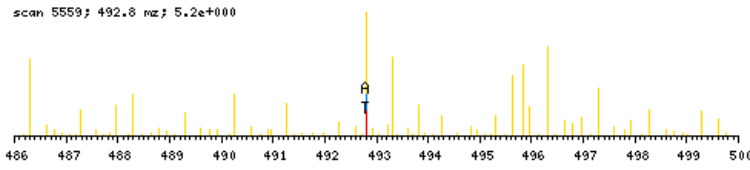
SGLLKALR, MH+ 984.6206, m/z 492.8140
 L OSG37 P180811 230811-s1.05561.05561.2.dta

scan 5561; 3.0e+001



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

scan 5559; 492.8 m/z; 5.2e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S	9	
187.0719	2	G	8	855.5780 428.2929
244.0934	3	G	7	798.5566 399.7822
357.1774	4	L	6	741.5351 371.2715
470.2615	5	L	5	628.4510 314.7294
626.3878	6	K	4	515.3670 258.1874
697.4249	7	A	3	359.2407 180.1243
810.5090	8	L	2	288.2036 144.6057
	9	R	1	175.1195 88.0637

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

SGGSTMYPGIADR, MH+ 1353.6109, m/z 677.3091
 L OSG37 P180811 230811-s1.03970.03970.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

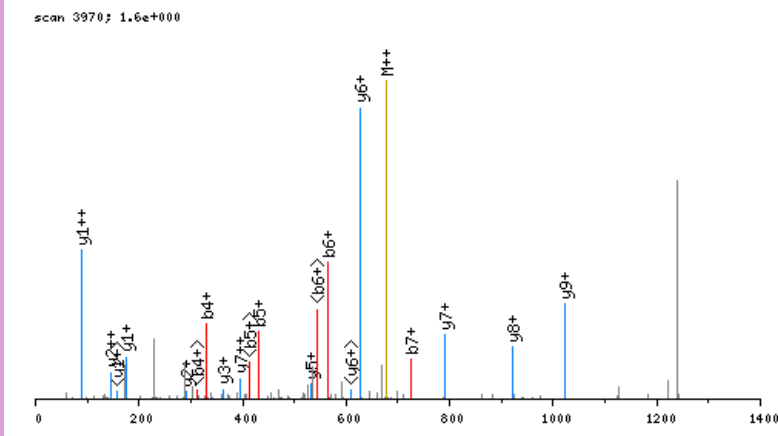
y + 2+ 3+

z + 2+ 3+

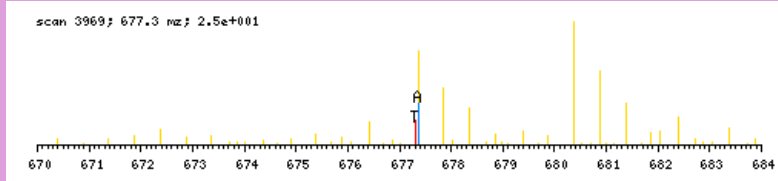
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

SGGYAEVGR, MH+ 937.4379, m/z 469.2226
 L OSG38 P180811 230811-s1.04161.04161.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

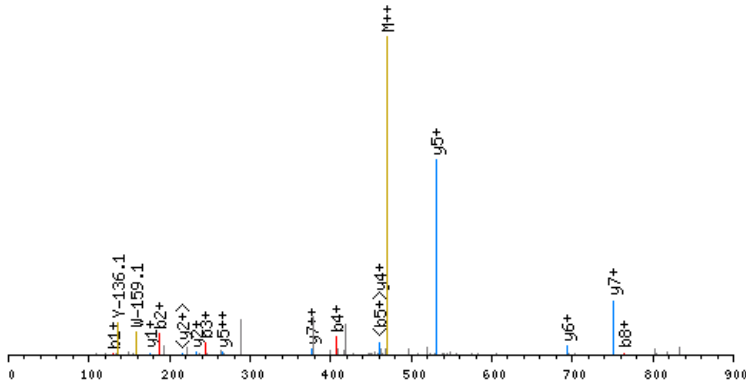
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

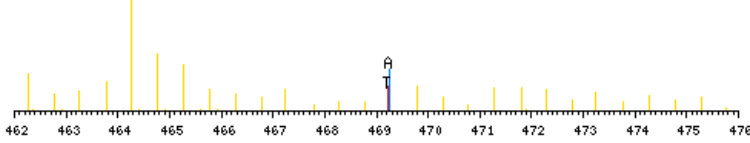
GO

scan 4161; 3.0e+000



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

scan 4159; 469.2 m/z; 4.4e+001



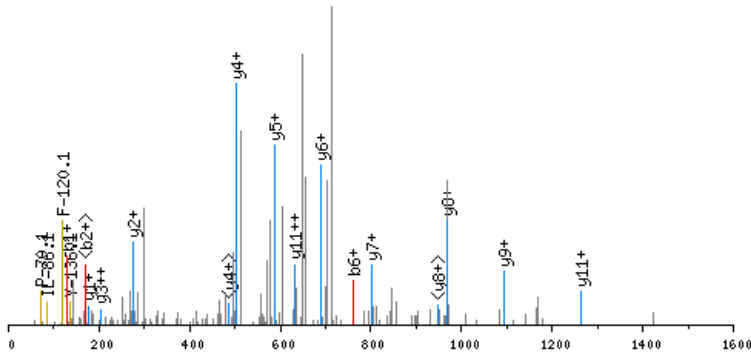
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S	9	
187.0719	2	G	8	808.3953
244.0934	3	G	7	751.3739
407.1567	4	Y	6	694.3524
478.1938	5	A	5	531.2891
607.2364	6	E	4	460.2520
706.3048	7	V	3	331.2094
763.3263	8	G	2	232.1410
	9	R	1	175.1195

N-term:+43.02

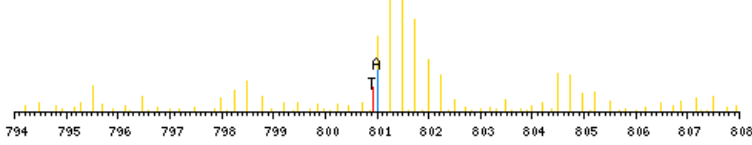
SGSKYKPAPLATLPSTLDPAEYDVSPETR, MH+ 3200.7004, m/z 800.9306
 L OSG38 P180811 230811-s1.07327.07327.4.dta

scan 7327; 7.5e-001



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

scan 7324; 800.9 m/z; 1.1e+001



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

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	29		
187.0719	2	G	28	3071.6578	1536.3328
274.1039	3	S	27	3014.6363	1507.8221
436.2620	4	K	26	2927.6043	1464.3061
599.3253	5	Y	25	2765.4462	1383.2270
761.4834	6	K	24	2602.3829	1301.6953
858.5362	7	P	23	2440.2248	1220.6163
929.5733	8	A	22	2343.1720	1172.0899
1026.6261	9	P	21	2272.1349	1136.5714
1139.7102	10	L	20	2175.0821	1088.0450
1210.7473	11	A	19	2061.9981	1031.5029
1311.7949	12	T	18	1990.9609	995.9844
1424.8790	13	L	17	1889.9133	945.4605
1521.9318	14	P	16	1776.8292	888.9185
1608.9638	15	S	15	1679.7764	840.3921
1710.0115	16	T	14	1592.7444	796.8761
1823.0955	17	L	13	1491.6967	746.3523
1938.1225	18	D	12	1378.6127	689.8102
2035.1753	19	P	11	1263.5857	632.2968
2106.2124	20	A	10	1166.5330	583.7704
2235.2550	21	E	9	1095.4958	548.2518
2398.3183	22	Y	8	966.4533	483.7305
2513.3452	23	D	7	803.3899	402.1989
2612.4136	24	V	6	688.3630	344.6854
2699.4457	25	S	5	589.2946	295.1512
2796.4984	26	P	4	502.2625	251.6352
2925.5410	27	E	3	405.2098	203.1088
3026.5887	28	T	2	276.1672	138.5875
	29	R	1	175.1195	88.0637

N-term:+43.02 K(4):+162.16
 K(6):+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+

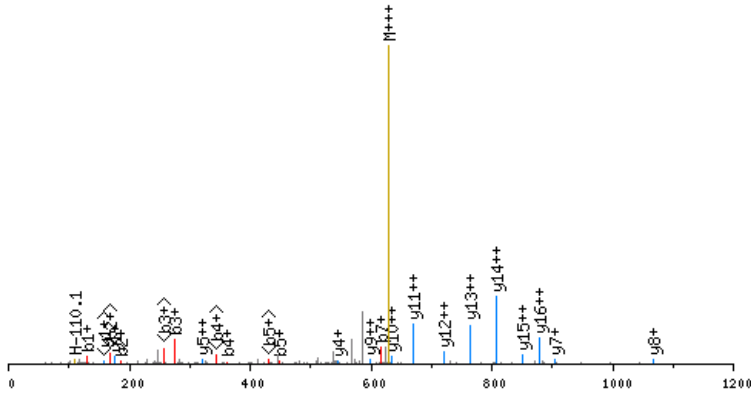
hide H₂O/NH₃

zoom 112-122

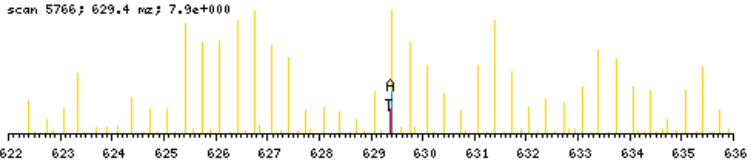
GO

SGSSSVAAMKKVQQLR, MH+ 1886.1170, m/z 629.3772
 L OSG39 P180811 230811-s1.05770.05770.3.dta

scan 5770; 4.3e+000



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



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

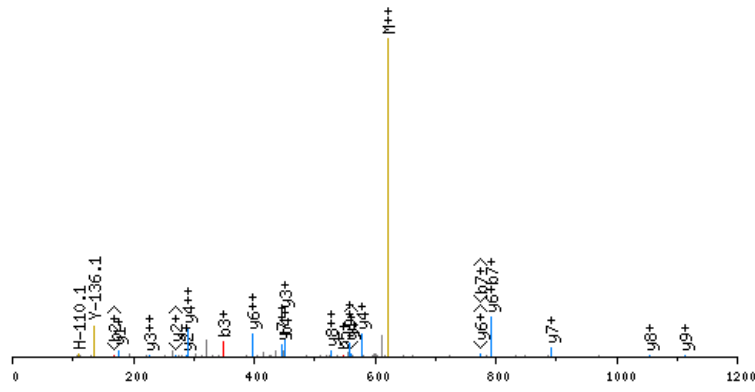
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	17		
187.0719	2	G	16	1757.0744	879.0411
274.1039	3	S	15	1700.0530	850.5304
361.1359	4	S	14	1613.0209	807.0144
448.1680	5	S	13	1525.9889	763.4984
547.2364	6	V	12	1438.9569	719.9823
618.2735	7	A	11	1339.8885	670.4481
689.3106	8	A	10	1268.8513	634.9296
820.3511	9	M	9	1197.8142	599.4110
982.5092	10	K	8	1066.7737	533.8908
1144.6673	11	K	7	904.6156	452.8117
1243.7357	12	V	6	742.4575	371.7327
1342.8041	13	V	5	643.3891	322.1985
1470.8627	14	Q	4	544.3207	272.6643
1598.9213	15	Q	3	416.2621	208.6350
1712.0054	16	L	2	288.2036	144.6057
	17	R	1	175.1195	88.0637

N-term:+43.02 K(10):+162.16
 K(11):+162.16

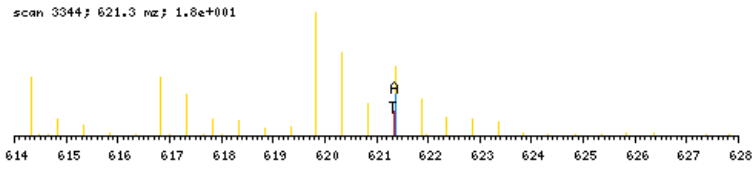
SGYTPDEKLR, MH+ 1241.6590, m/z 621.3332
 L OSG38 P180811 230811-s1.03346.03346.2.dta

scan 3346; 6.3e+000



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

scan 3344; 621.3 m/z; 1.8e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S	10	
187.0719	2	G	9	1112.6164 556.8121
350.1352	3	Y	8	1055.5950 528.3014
451.1829	4	T	7	892.5316 446.7697
548.2357	5	P	6	791.4840 396.2459
663.2626	6	D	5	694.4312 347.7195
792.3052	7	E	4	579.4043 290.2060
954.4633	8	K	3	450.3617 225.6847
1067.5474	9	L	2	288.2036 144.6057
	10	R	1	175.1195 88.0637

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

SHGFTKEEVAEFQAAFNR, MH+ 2138.0307, m/z 535.2631
 L OSG40 P180811 230811-s1.08161.08161.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

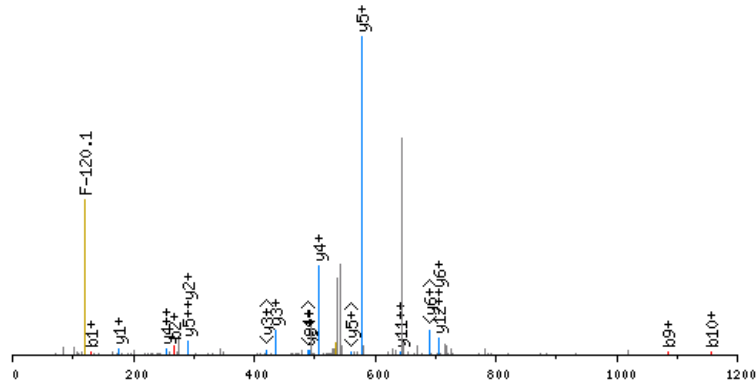
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

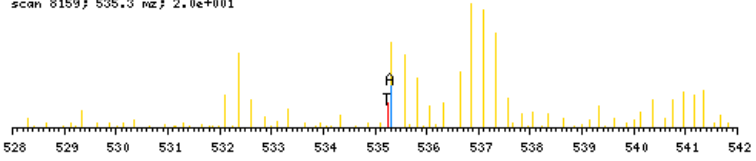
GO

scan 8161; 3.7e+000



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

scan 8159; 535.3 mz; 2.0e+001



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+ 2320.2203, m/z 580.8105
 L OSG40 P180811 230811-s1.05750.05750.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

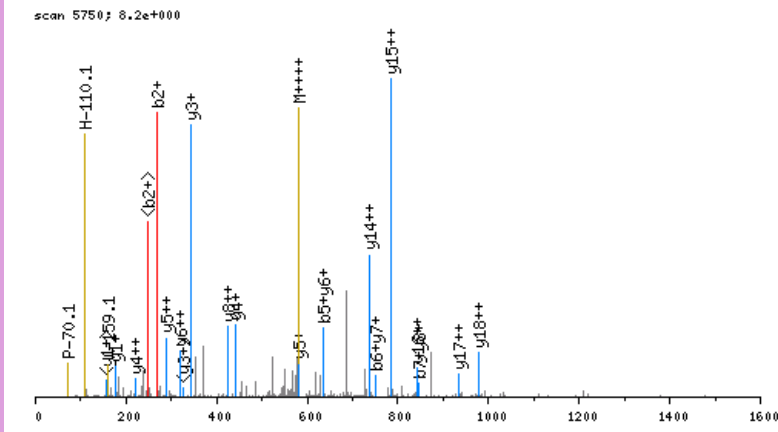
y + 2+ 3+

z + 2+ 3+

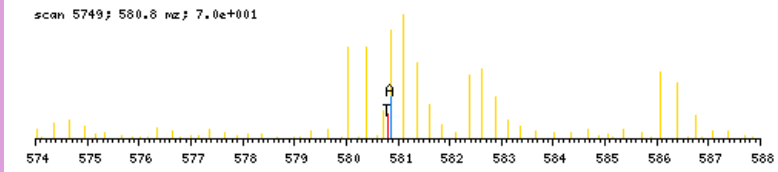
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	2191.1777	1096.0927
364.1621	3	P 19	2054.1188	1027.5633
451.1941	4	S 18	1957.0660	979.0369
637.2734	5	W 17	1870.0340	935.5209
750.3575	6	L 16	1683.9547	842.4812
847.4103	7	P 15	1570.8706	785.9392
944.4630	8	P 14	1473.8178	737.4128
1100.5893	9	K 13	1376.7651	688.8864
1187.6214	10	S 12	1220.6388	610.8233
1288.6690	11	T 11	1133.6067	567.3073
1345.6905	12	G 10	1032.5591	516.7834
1474.7331	13	E 9	975.5376	488.2727
1571.7859	14	P 8	846.4950	423.7514
1684.8699	15	L 7	749.4422	375.2250
1741.8914	16	G 6	636.3582	318.6830
1878.9503	17	H 5	579.3367	290.1723
1978.0187	18	V 4	442.2778	221.6428
2075.0715	19	P 3	343.2094	172.1086
2146.1086	20	A 2	246.1566	123.5822
	21	R 1	175.1195	88.0637

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

SHQTGIQASEDVKEIFAR, MH+ 2092.0888, m/z 698.0344
 L OSG39 P180811 230811-s1.05767.05767.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

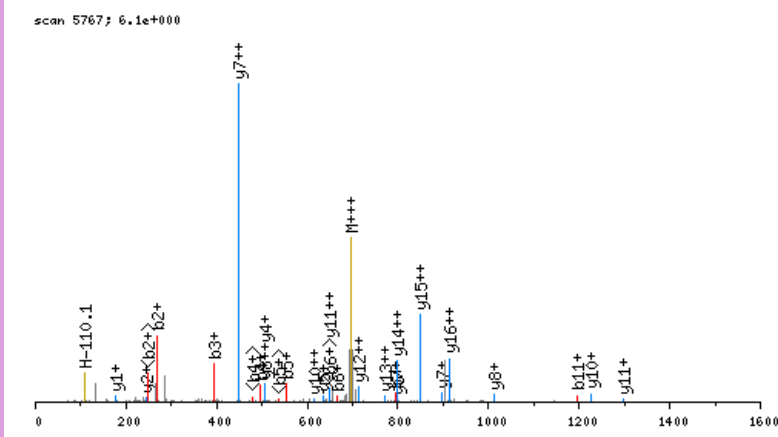
y + 2+ 3+

z + 2+ 3+

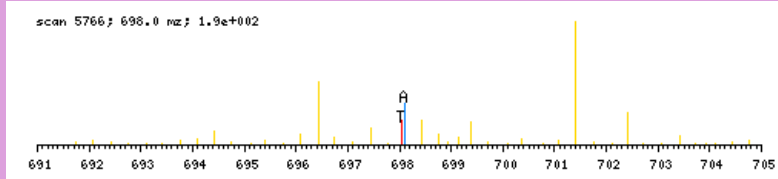
hide H₂O/NH₃

zoom 112-122

GO



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

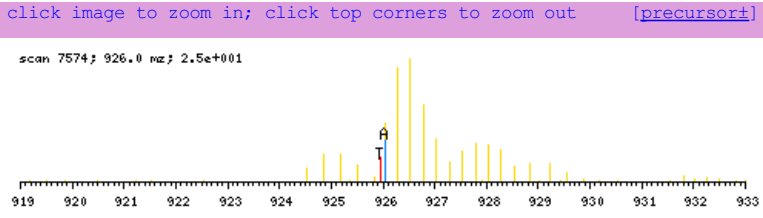
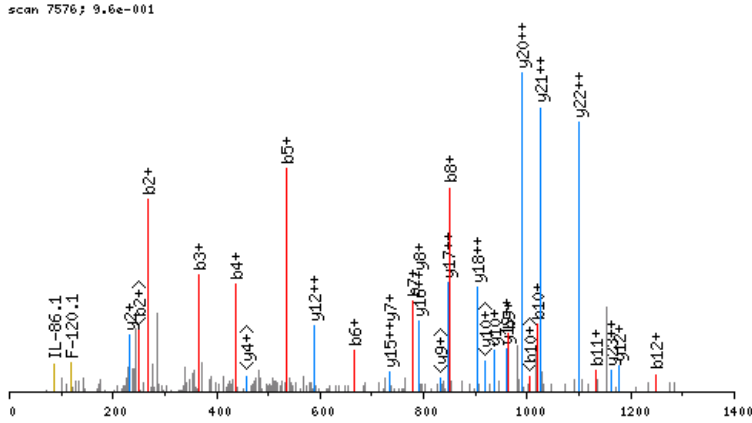


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	18		
267.1093	2	H	17	1963.0462	982.0270
395.1679	3	Q	16	1825.9872	913.4975
496.2156	4	T	15	1697.9287	849.4682
553.2371	5	G	14	1596.8810	798.9444
666.3211	6	I	13	1539.8595	770.4337
794.3797	7	Q	12	1426.7755	713.8916
865.4168	8	A	11	1298.7169	649.8624
952.4488	9	S	10	1227.6798	614.3438
1081.4914	10	E	9	1140.6477	570.8278
1196.5184	11	D	8	1011.6051	506.3065
1295.5868	12	V	7	896.5782	448.7930
1457.7449	13	K	6	797.5098	399.2588
1586.7875	14	E	5	635.3517	318.1798
1699.8716	15	I	4	506.3091	253.6585
1846.9400	16	F	3	393.2250	197.1164
1917.9771	17	A	2	246.1566	123.5822
	18	R	1	175.1195	88.0637

N-term:+43.02 K(13):+162.16

SHVAVENALGLDQQFAGLDLNSDDNQSGGSTASKGR, MH+ 3700.7803, m/z 925.9505
 L OSG38 P180811 230811-s1.07576.07576.4.dta



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

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	36		
267.1093	2	H	35	3571.7377	1786.3728
366.1778	3	V	34	3434.6788	1717.8433
437.2149	4	A	33	3335.6104	1668.3091
536.2833	5	V	32	3264.5733	1632.7906
665.3259	6	E	31	3165.5049	1583.2564
779.3688	7	N	30	3036.4623	1518.7351
850.4059	8	A	29	2922.4194	1461.7136
963.4900	9	L	28	2851.3823	1426.1950
1020.5114	10	G	27	2738.2982	1369.6530
1133.5955	11	L	26	2681.2767	1341.1423
1248.6225	12	D	25	2568.1927	1284.6002
1376.6810	13	Q	24	2453.1657	1227.0868
1504.7396	14	Q	23	2325.1071	1163.0575
1651.8080	15	F	22	2197.0486	1099.0282
1722.8451	16	A	21	2049.9802	1025.4940
1779.8666	17	G	20	1978.9430	989.9754
1892.9507	18	L	19	1921.9216	961.4647
2007.9776	19	D	18	1808.8375	904.9227
2121.0617	20	L	17	1693.8106	847.4092
2235.1046	21	N	16	1580.7265	790.8672
2322.1366	22	S	15	1466.6836	733.8457
2409.1687	23	S	14	1379.6515	690.3297
2524.1956	24	D	13	1292.6195	646.8137
2638.2385	25	N	12	1177.5926	589.3002
2766.2971	26	Q	11	1063.5496	532.2787
2853.3291	27	S	10	935.4911	468.2494
2910.3506	28	G	9	848.4590	424.7334
2967.3721	29	G	8	791.4376	396.2227
3054.4041	30	S	7	734.4161	367.7120
3155.4518	31	T	6	647.3841	324.1960
3226.4889	32	A	5	546.3364	273.6721
3313.5209	33	S	4	475.2993	238.1536
3469.6472	34	K	3	388.2673	194.6375
3526.6687	35	G	2	232.1410	116.5744
	36	R	1	175.1195	88.0637

N-term:+43.02 K(34):+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

SIEKIWAR, MH+ 1078.6474, m/z 539.8273
 L OSG37 P180811 230811-s1.06127.06127.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

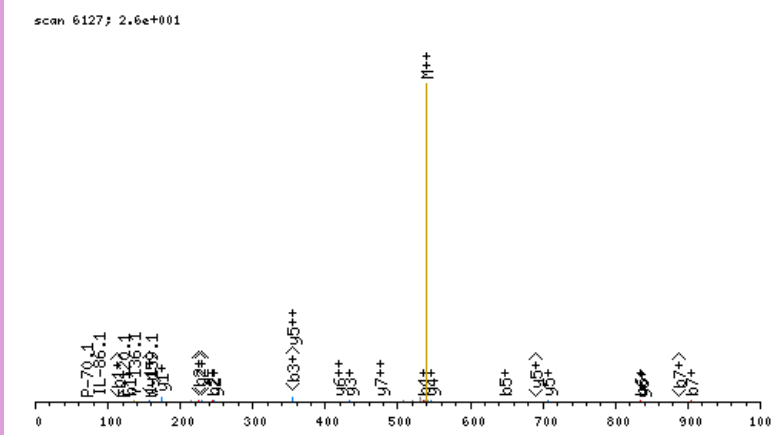
y + 2+ 3+

z + 2+ 3+

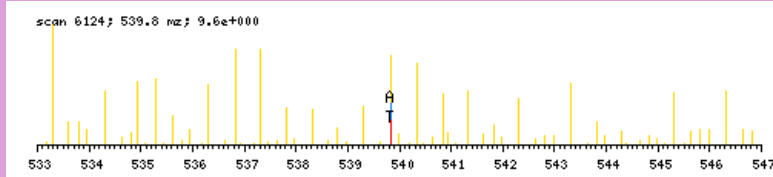
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	
243.1345	2	I	7	949.6047
372.1771	3	E	6	836.5207
534.3352	4	K	5	707.4781
647.4192	5	I	4	545.3200
833.4986	6	W	3	432.2359
904.5357	7	A	2	246.1566
	8	R	1	175.1195

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

SIFPTNQIR, MH+ 1218.6483, m/z 609.8278
 L OSG41 P180811 230811-s1.05760.05760.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

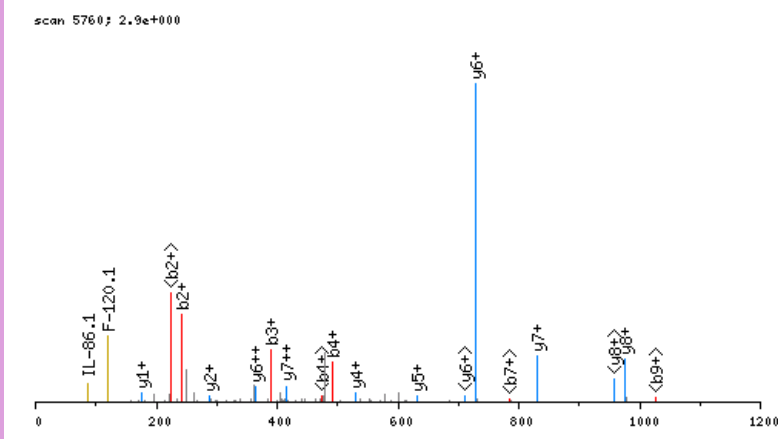
y + 2+ 3+

z + 2+ 3+

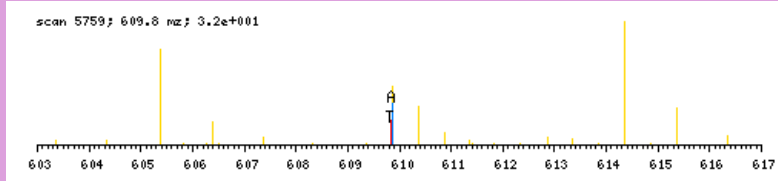
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	I 9	1089.6057	545.3067
390.2029	3	F 8	976.5216	488.7647
491.2506	4	T 7	829.4532	415.2305
588.3033	5	P 6	728.4055	364.7067
689.3510	6	T 5	631.3527	316.1803
803.3940	7	N 4	530.3051	265.6564
931.4525	8	Q 3	416.2621	208.6350
1044.5366	9	I 2	288.2036	144.6057
	10	R 1	175.1195	88.0637

N-term:+43.02

SIGVPIKVLHEAEGHIVTCETNTGEVYR, MH+ 3184.6525, m/z 796.9186
 L OSG40 P180811 230811-sl.09136.09136.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

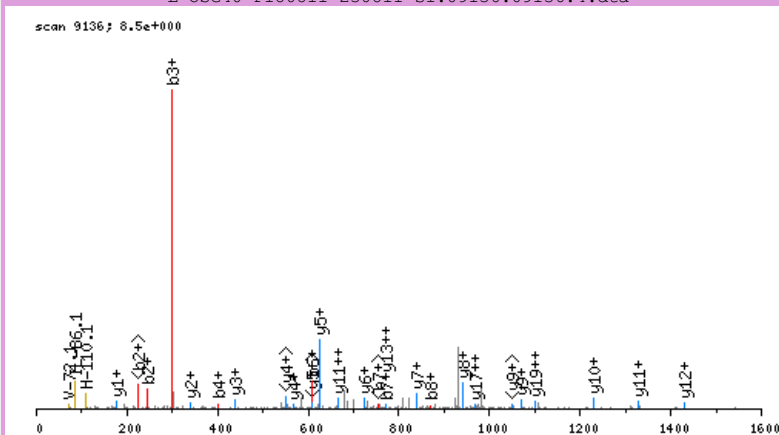
y + 2+ 3+

z + 2+ 3+

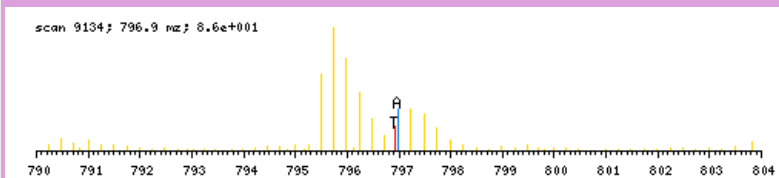
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	28		
243.1345	2	I	27	3055.6099	1528.3088
300.1560	3	G	26	2942.5258	1471.7668
399.2244	4	V	25	2885.5043	1443.2561
496.2771	5	P	24	2786.4359	1393.7219
609.3612	6	I	23	2689.3832	1345.1955
771.5193	7	K	22	2576.2991	1288.6535
870.5877	8	V	21	2414.1410	1207.5744
983.6718	9	L	20	2315.0726	1158.0402
1120.7307	10	H	19	2201.9885	1101.4982
1249.7733	11	E	18	2064.9296	1032.9687
1320.8104	12	A	17	1935.8870	968.4474
1449.8530	13	E	16	1864.8499	932.9289
1506.8745	14	G	15	1735.8073	868.4076
1643.9334	15	H	14	1678.7858	839.8968
1757.0174	16	I	13	1541.7269	771.3674
1856.0858	17	V	12	1428.6429	714.8253
1957.1335	18	T	11	1329.5745	665.2911
2117.1641	19	C	10	1228.5268	614.7673
2246.2067	20	E	9	1068.4962	534.7520
2347.2544	21	T	8	939.4536	470.2307
2461.2973	22	N	7	838.4059	419.7069
2562.3450	23	T	6	724.3630	362.6854
2619.3665	24	G	5	623.3153	312.1616
2748.4091	25	E	4	566.2938	283.6508
2847.4775	26	V	3	437.2512	219.1295
3010.5408	27	Y	2	338.1828	169.5953
	28	R	1	175.1195	88.0637

N-term:+43.02 K(7):+162.16
 C(19):+160.03

SILYVSPHPDAFPSLR, MH+ 1840.9598, m/z 614.3248
 L OSG36 P180811 230811-s1.06056.06056.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

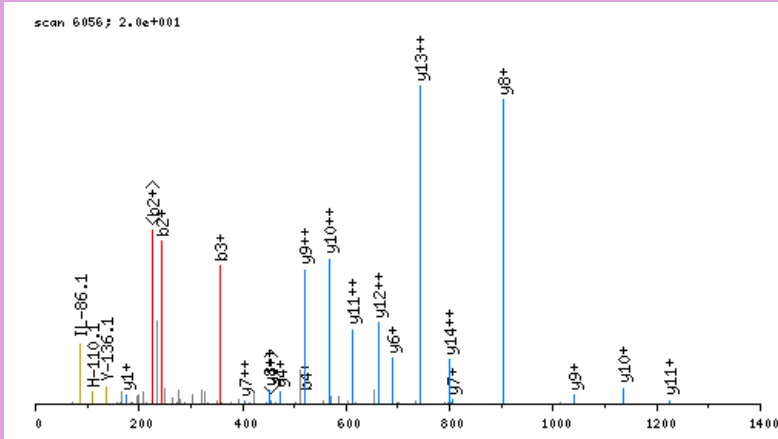
y + 2+ 3+

z + 2+ 3+

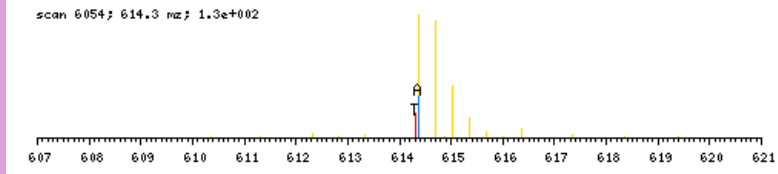
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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+

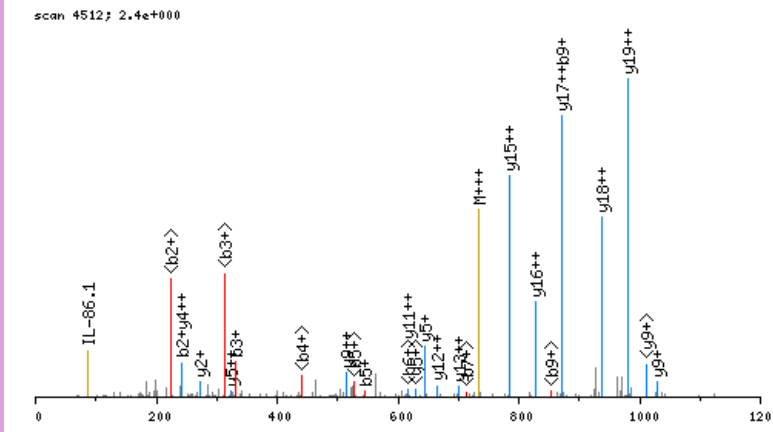
y + 2+ 3+

z + 2+ 3+

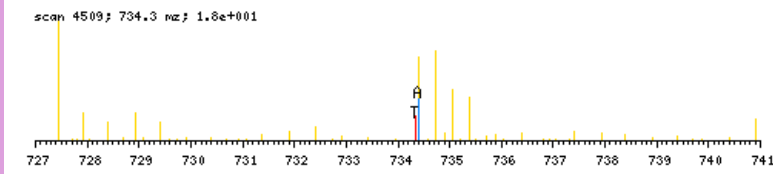
hide H₂O/NH₃

zoom 112-122

GO



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



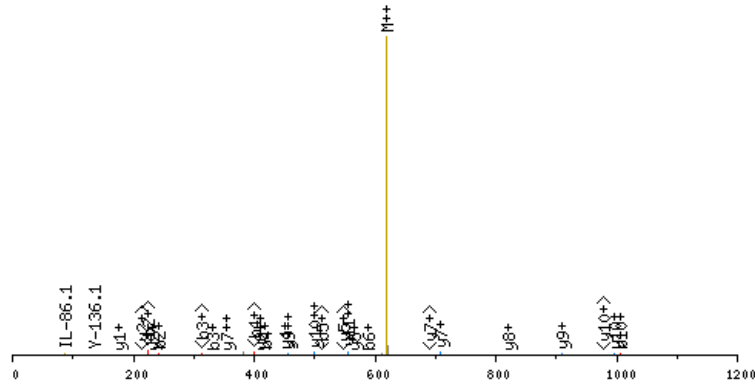
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

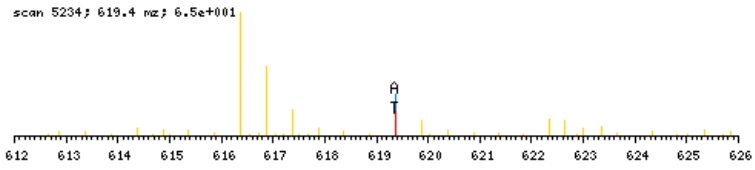
N-term:+43.02 C(17):+160.03

SISSLGSIGKGR, MH+ 1237.7329, m/z 619.3701
 L OSG37 P180811 230811-s1.05237.05237.2.dta

scan 5237; 3.1e+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

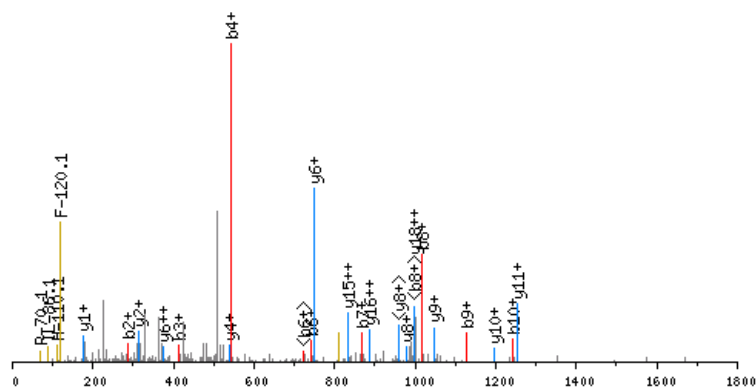
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	12		
243.1345	2	I	11	1108.6903	554.8490
330.1665	3	S	10	995.6062	498.3070
417.1985	4	S	9	908.5742	454.7910
530.2826	5	L	8	821.5421	411.2750
587.3041	6	G	7	708.4581	354.7330
674.3361	7	S	6	651.4366	326.2222
787.4202	8	I	5	564.4046	282.7062
844.4416	9	G	4	451.3205	226.1642
1006.5997	10	K	3	394.2991	197.6534
1063.6212	11	G	2	232.1410	116.5744
	12	R	1	175.1195	88.0637

N-term:+43.02 K(10):+162.16

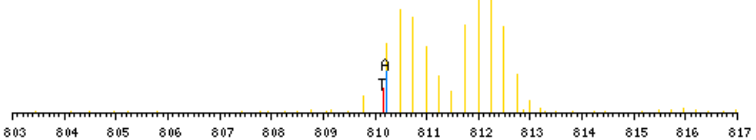
SKQQPTQFINPETPGYVGFANLPNQVHR, MH+ 3237.6446, m/z 810.1666
 L_OSG38_P180811_230811-s1.07170.07170.4.dta

scan 7170; 2.0e+000



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

scan 7169; 810.2 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 C-

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

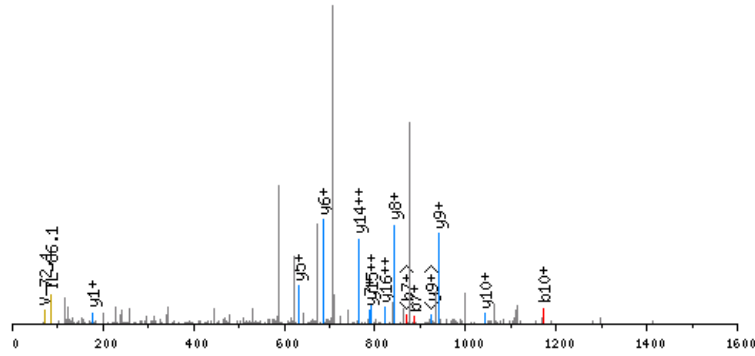
GO

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 28		
286.1767	2	K 27	3108.6020	1554.8049
414.2353	3	Q 26	2952.4757	1476.7417
542.2939	4	Q 25	2824.4171	1412.7125
639.3466	5	P 24	2696.3585	1348.6832
740.3943	6	T 23	2599.3057	1300.1568
868.4529	7	Q 22	2498.2581	1249.6329
1015.5213	8	F 21	2370.1995	1185.6037
1128.6054	9	I 20	2223.1311	1112.0695
1242.6483	10	N 19	2110.0470	1055.5274
1339.7011	11	P 18	1996.0041	998.5060
1468.7437	12	E 17	1898.9513	949.9796
1569.7913	13	T 16	1769.9087	885.4583
1666.8441	14	P 15	1668.8610	834.9344
1723.8656	15	G 14	1571.8083	786.4081
1886.9289	16	Y 13	1514.7868	757.8973
1985.9973	17	V 12	1351.7235	676.3657
2043.0188	18	G 11	1252.6551	626.8315
2190.0872	19	F 10	1195.6336	598.3207
2261.1243	20	A 9	1048.5652	524.7865
2375.1672	21	N 8	977.5281	489.2680
2488.2513	22	L 7	863.4852	432.2465
2585.3041	23	P 6	750.4011	375.7045
2699.3470	24	N 5	653.3483	327.1781
2827.4056	25	Q 4	539.3054	270.1566
2926.4740	26	V 3	411.2468	206.1273
3063.5329	27	H 2	312.1784	156.5931
	28	R 1	175.1195	88.0637

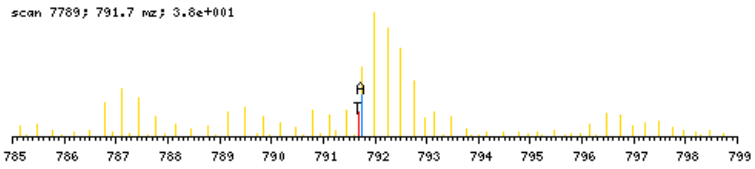
N-term:+43.02 K(2):+156.13

SKSEKIDAVDLGAIGGNIQQVVGVTQER, MH+ 3163.6964, m/z 791.6795
 L OSG38 P180811 230811-s1.07792.07792.4.dta

scan 7792; 3.3e+000



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	30		
286.1767	2	K	29	3034.6538	1517.8308
373.2088	3	S	28	2878.5275	1439.7676
502.2514	4	E	27	2791.4954	1396.2516
658.3777	5	K	26	2662.4528	1331.7303
771.4617	6	I	25	2506.3265	1253.6672
886.4887	7	D	24	2393.2425	1197.1252
957.5258	8	A	23	2278.2155	1139.6117
1056.5942	9	V	22	2207.1784	1104.0931
1171.6211	10	D	21	2108.1100	1054.5589
1284.7052	11	L	20	1993.0831	997.0454
1341.7267	12	G	19	1879.9990	940.5034
1412.7638	13	A	18	1822.9775	911.9927
1525.8478	14	I	17	1751.9404	876.4741
1582.8693	15	G	16	1638.8564	819.9321
1639.8908	16	G	15	1581.8349	791.4214
1753.9337	17	N	14	1524.8134	762.9106
1867.0178	18	I	13	1410.7705	705.8892
1995.0763	19	Q	12	1297.6864	649.3471
2123.1349	20	Q	11	1169.6279	585.3178
2222.2033	21	V	10	1041.5693	521.2886
2321.2717	22	V	9	942.5009	471.7543
2378.2932	23	G	8	843.4325	422.2201
2477.3616	24	V	7	786.4110	393.7094
2534.3831	25	G	6	687.3426	344.1752
2631.4358	26	P	5	630.3211	315.6645
2732.4835	27	T	4	533.2683	267.1381
2860.5421	28	Q	3	432.2207	216.6142
2989.5847	29	E	2	304.1621	152.5850
	30	R	1	175.1195	88.0637

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

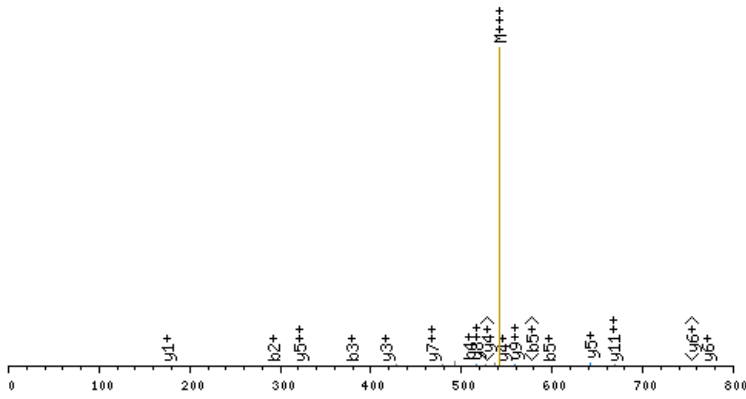
hide H₂O/NH₃

zoom 112-122

GO

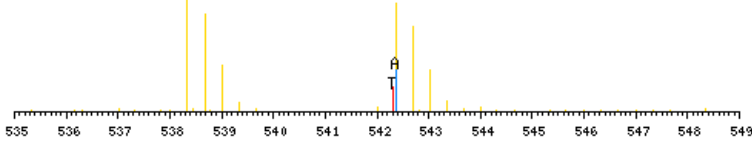
SKSESPKEPEQLR, MH+ 1624.9183, m/z 542.3110
 L OSG39 P180811 230811-s1.02168.02168.3.dta

scan 2168; 1.3e+002



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

scan 2167; 542.3 m/z; 1.0e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

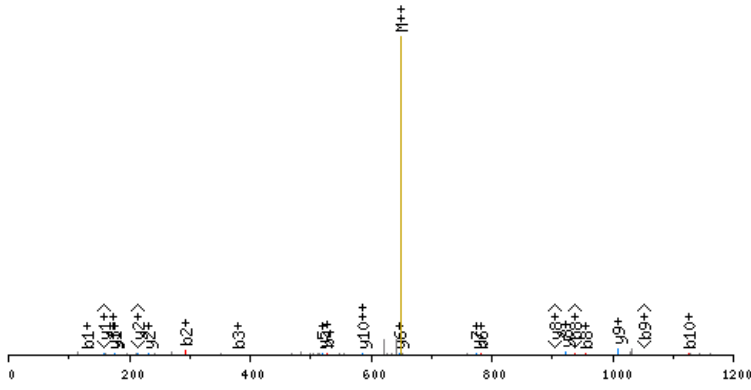
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
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

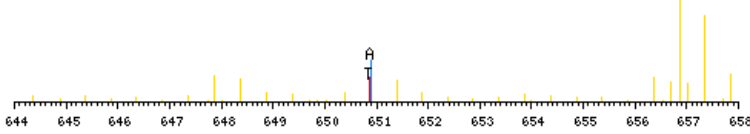
SKSFQQSSLGR, MH+ 1300.7074, m/z 650.8573
 L OSG37 P180811 230811-s1.02986.02986.2.dta

scan 2986; 1.6e+001



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

scan 2984; 650.9 m/z; 6.6e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 11		
292.2085	2	K 10	1171.6648	586.3363
379.2406	3	S 9	1009.5067	505.2573
526.3090	4	F 8	922.4747	461.7412
654.3675	5	Q 7	775.4062	388.2070
782.4261	6	Q 6	647.3477	324.1777
869.4582	7	S 5	519.2891	260.1485
956.4902	8	S 4	432.2571	216.6324
1069.5742	9	L 3	345.2250	173.1164
1126.5957	10	G 2	232.1410	116.5744
	11	R 1	175.1195	88.0637

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

SLAIMEYLEETRPIPR, MH+ 1960.0214, m/z 654.0120
 L OSG39 P180811 230811-s1.04742.04742.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

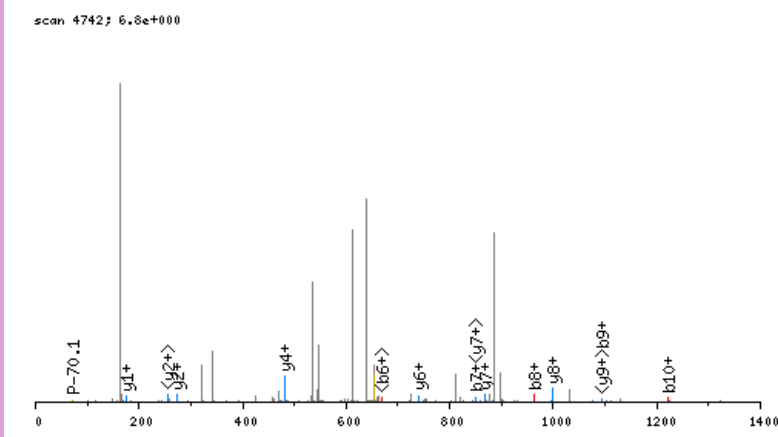
y + 2+ 3+

z + 2+ 3+

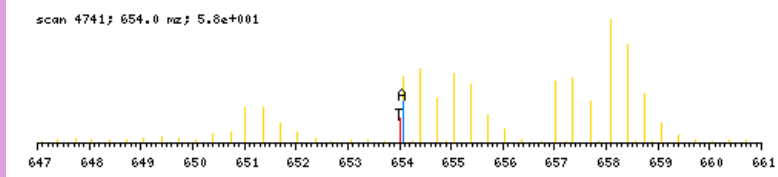
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 16		
243.1345	2	L 15	1830.9788	915.9933
314.1716	3	A 14	1717.8947	859.4513
427.2557	4	I 13	1646.8576	823.9327
558.2962	5	M 12	1533.7735	767.3907
687.3387	6	E 11	1402.7331	701.8704
850.4021	7	Y 10	1273.6905	637.3491
963.4861	8	L 9	1110.6271	555.8175
1092.5287	9	E 8	997.5431	499.2754
1221.5713	10	E 7	868.5005	434.7542
1322.6190	11	T 6	739.4579	370.2329
1478.7201	12	R 5	638.4102	319.7090
1575.7729	13	P 4	482.3091	241.6585
1688.8569	14	I 3	385.2563	193.1321
1785.9097	15	P 2	272.1723	136.5900
	16	R 1	175.1195	88.0637

N-term:+43.02

SLDIQCEQLSDAR, MH+ 1576.7277, m/z 788.8675
 L OSG41 P180811 230811-s1.05226.05226.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

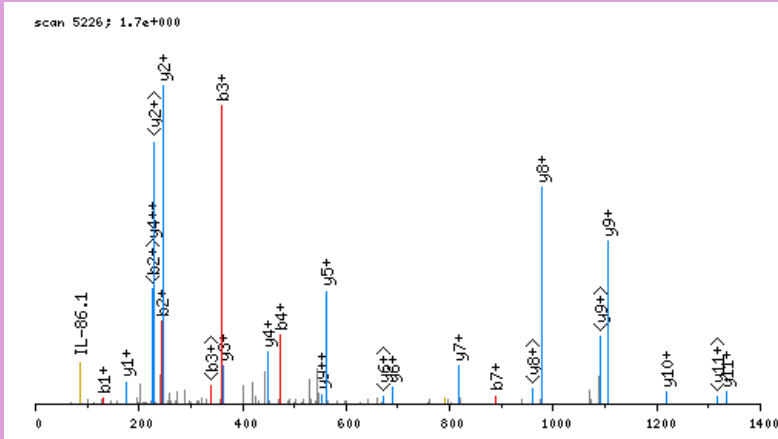
y + 2+ 3+

z + 2+ 3+

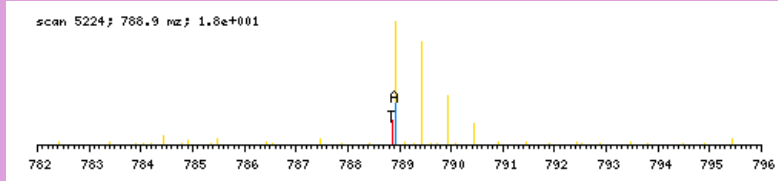
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG41 P180811 230811-s1.03011.03011.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

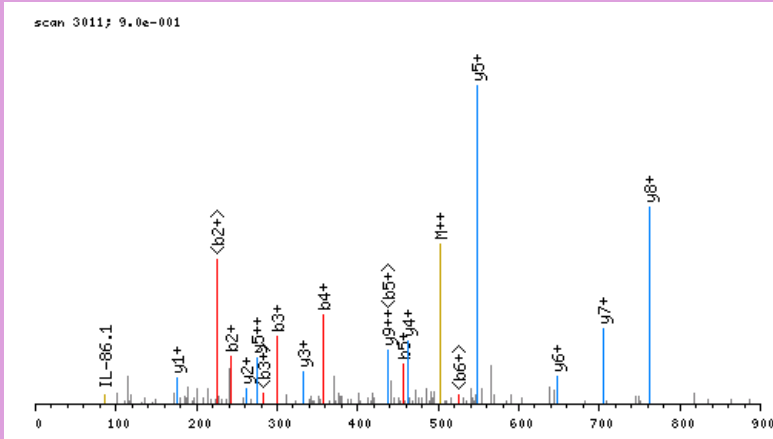
y + 2+ 3+

z + 2+ 3+

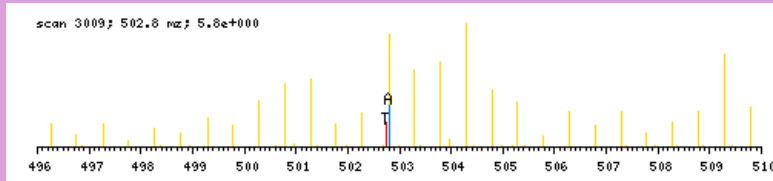
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

SLHQLLEPITCHAWN, MH+ 2164.0762, m/z 722.0302
 L OSG39 P180811 230811-s1.07675.07675.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

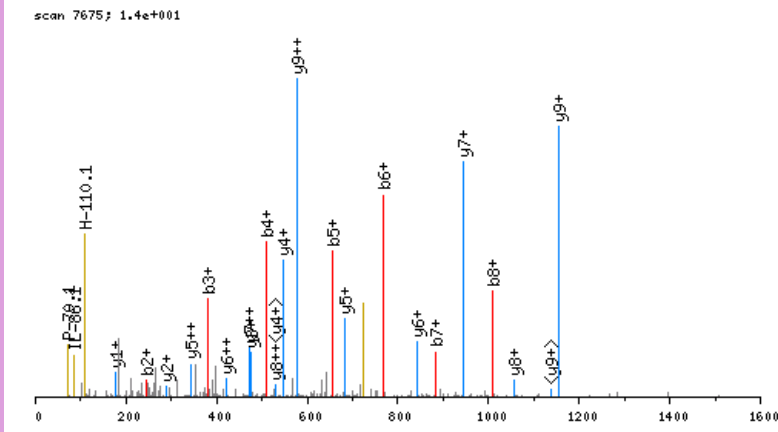
y + 2+ 3+

z + 2+ 3+

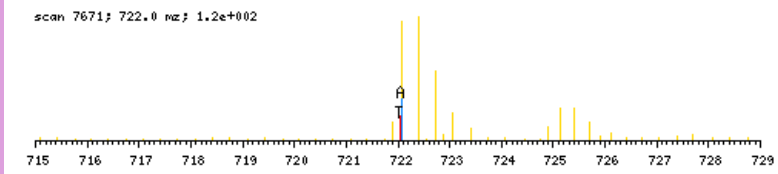
hide H₂O/NH₃

zoom 112-122

GO



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

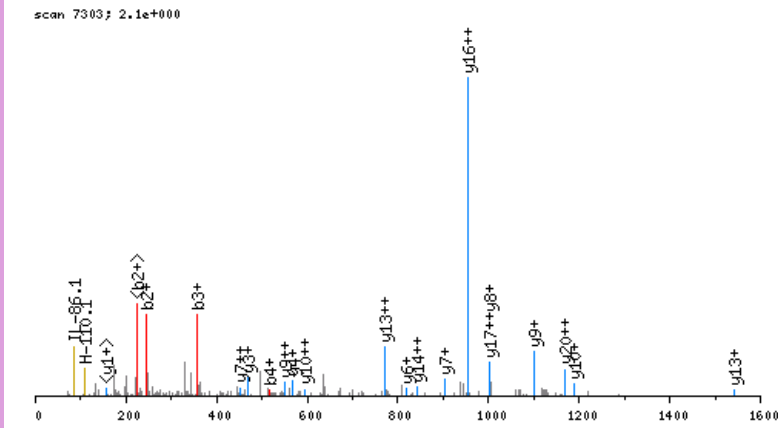


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

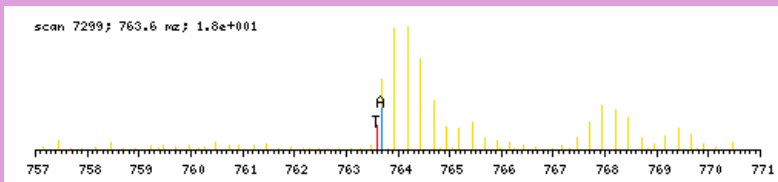
b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	17		
243.1345	2	L	16	2035.0336	1018.0207
380.1934	3	H	15	1921.9495	961.4787
508.2520	4	Q	14	1784.8906	892.9492
655.3204	5	F	13	1656.8320	828.9199
768.4045	6	L	12	1509.7636	755.3857
881.4885	7	L	11	1396.6795	698.8437
1010.5311	8	E	10	1283.5955	642.3016
1107.5839	9	P	9	1154.5529	577.7803
1220.6679	10	I	8	1057.5001	529.2540
1321.7156	11	T	7	944.4160	472.7119
1481.7462	12	C	6	843.3684	422.1881
1618.8051	13	H	5	683.3378	342.1728
1689.8422	14	A	4	546.2789	273.6433
1875.9216	15	W	3	475.2417	238.1248
1989.9645	16	N	2	289.1624	145.0851
	17	R	1	175.1195	88.0637

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

SLICISISNEVPEHPCVSPVSNHVVYER, MH+ 3051.4303, m/z 763.6130
 L_OSG38_P180811_230811-s1.07303.07303.4.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⁺
130.0504	1	S	26		
243.1345	2	L	25	2922.3877	1461.6978
356.2186	3	I	24	2809.3037	1405.1558
516.2492	4	C	23	2696.2196	1348.6137
603.2812	5	S	22	2536.1890	1268.5984
716.3652	6	I	21	2449.1570	1225.0824
803.3973	7	S	20	2336.0729	1168.5404
917.4402	8	N	19	2249.0409	1125.0244
1046.4828	9	E	18	2134.9980	1068.0029
1145.5512	10	V	17	2005.9554	1003.4816
1242.6040	11	P	16	1906.8870	953.9474
1371.6466	12	E	15	1809.8342	905.4210
1508.7055	13	H	14	1680.7916	840.8997
1605.7582	14	P	13	1543.7327	772.3703
1765.7888	15	C	12	1446.6799	723.8439
1864.8573	16	V	11	1286.6493	643.8286
1951.8893	17	S	10	1187.5809	594.2944
2048.9421	18	P	9	1100.5489	550.7784
2148.0105	19	V	8	1003.4961	502.2520
2235.0425	20	S	7	904.4277	452.7178
2349.0854	21	N	6	817.3957	409.2018
2486.1443	22	H	5	703.3527	352.1803
2585.2127	23	V	4	566.2938	283.6508
2748.2761	24	Y	3	467.2254	234.1166
2877.3187	25	E	2	304.1621	152.5850
	26	R	1	175.1195	88.0637

N-term:+43.02 C(4):+160.03
 C(15):+160.03

SLKPQPQPAPATGR, MH+ 1614.8968, m/z 538.9705
 L OSG37 P180811 230811-s1.03388.03388.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

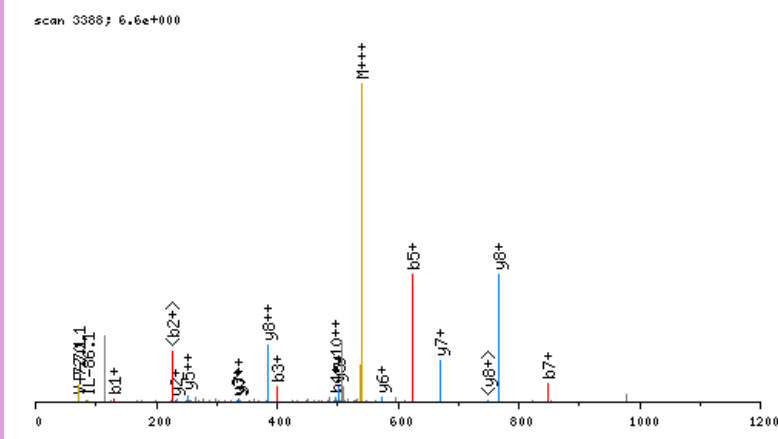
y + 2+ 3+

z + 2+ 3+

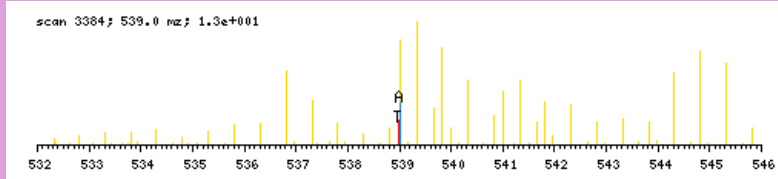
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
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	766.4212	383.7145
1043.5890	9	P 7	669.3684	335.1881
1114.6261	10	A 6	572.3156	286.6617
1211.6789	11	P 5	501.2785	251.1432
1282.7160	12	A 4	404.2258	202.6168
1383.7637	13	T 3	333.1886	167.0982
1440.7851	14	G 2	232.1410	116.5744
	15	R 1	175.1195	88.0637

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

SLVAVPFYQKR, MH+ 1383.8213, m/z 692.4143
 L OSG37 P180811 230811-s1.07276.07276.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

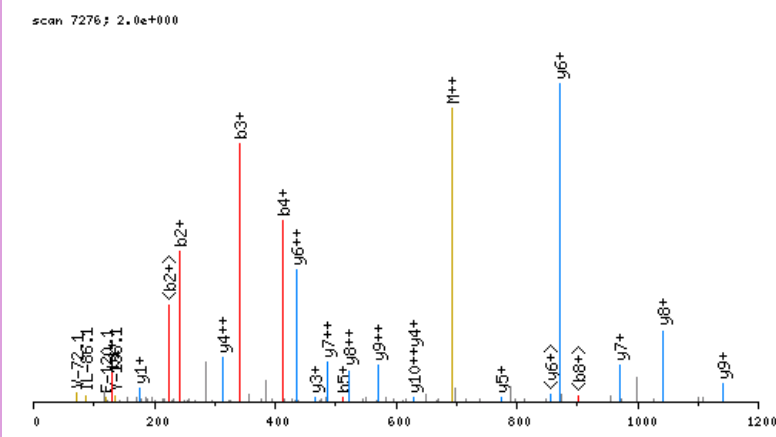
y + 2+ 3+

z + 2+ 3+

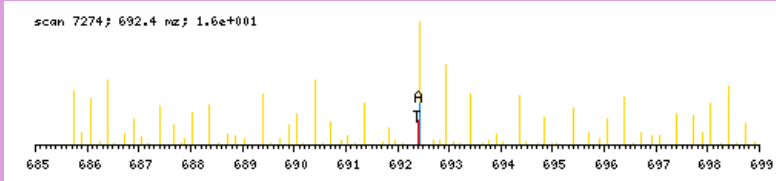
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
243.1345	2	L	10	1254.7787	627.8933
342.2029	3	V	9	1141.6946	571.3512
413.2400	4	A	8	1042.6262	521.8170
512.3084	5	V	7	971.5891	486.2985
609.3612	6	P	6	872.5207	436.7643
756.4296	7	F	5	775.4679	388.2379
919.4929	8	Y	4	628.3995	314.7037
1047.5515	9	Q	3	465.3362	233.1720
1209.7096	10	K	2	337.2776	169.1427
	11	R	1	175.1195	88.0637

N-term:+43.02 K(10):+162.16

SLVDLGKLLLEAAR, MH+ 1623.0482, m/z 541.6876
 L OSG39 P180811 230811-s1.08058.08058.3.dta

scan 8058; 2.4e+001

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

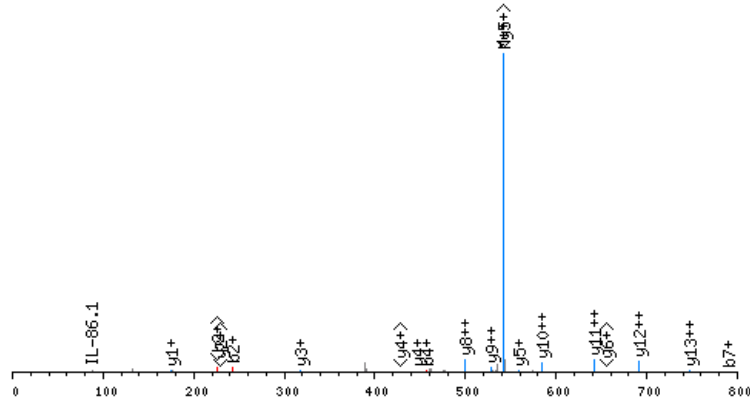
y + 2+ 3+

z + 2+ 3+

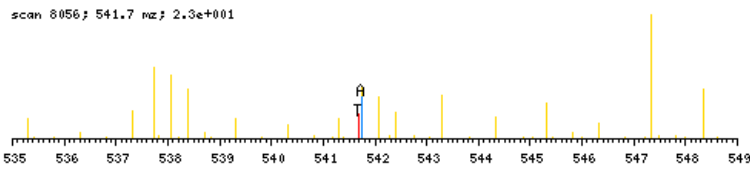
hide H₂O/NH₃

zoom 112-122

GO



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



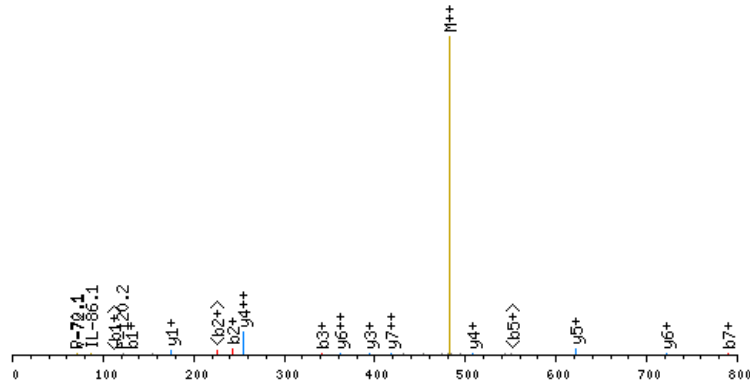
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S	14	
243.1345	2	L	13	1494.0056
342.2029	3	V	12	1380.9215
457.2298	4	D	11	1281.8531
570.3139	5	L	10	1166.8262
627.3354	6	G	9	1053.7421
789.4935	7	K	8	996.7206
951.6516	8	K	7	834.5625
1064.7356	9	L	6	672.4044
1177.8197	10	L	5	559.3204
1306.8623	11	E	4	446.2363
1377.8994	12	A	3	317.1937
1448.9365	13	A	2	246.1566
	14	R	1	175.1195

N-term:+43.02 K(7):+162.16
 K(8):+162.16

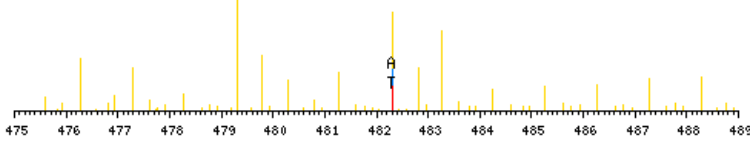
SLVLDLQKR, MH+ 963.6052, m/z 482.3062
 L OSG37 P180811 230811-s1.04978.04978.2.dta

scan 4978; 1.2e+001



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

scan 4974; 482.3 m/z; 1.9e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S	8	
243.1345	2	L	7	834.5625
342.2029	3	V	6	721.4785
457.2298	4	D	5	622.4101
570.3139	5	L	4	507.3831
627.3354	6	G	3	394.2991
789.4935	7	K	2	337.2776
	8	R	1	175.1195

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

SMGLIHR, MH+ 855.4511, m/z 428.2292
 L OSG38 P180811 230811-s1.04015.04015.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

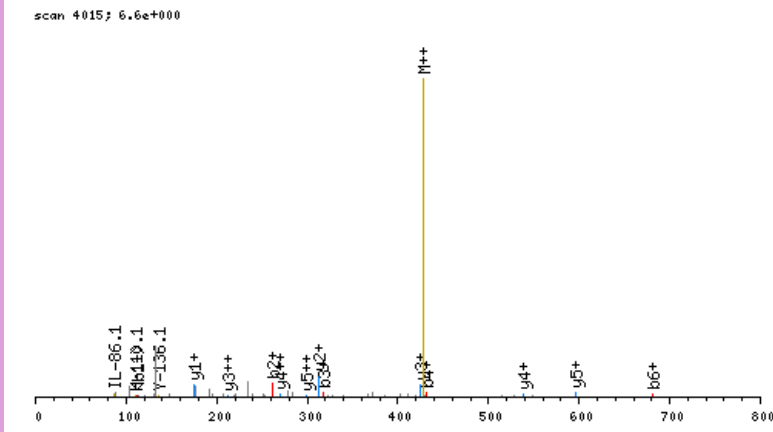
y + 2+ 3+

z + 2+ 3+

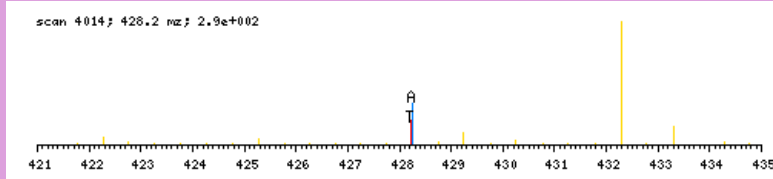
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	7	
261.0909	2	M	6	726.4085 363.7082
318.1124	3	G	5	595.3680 298.1879
431.1964	4	L	4	538.3465 269.6772
544.2805	5	I	3	425.2625 213.1352
681.3394	6	H	2	312.1784 156.5931
	7	R	1	175.1195 88.0637

N-term:+43.02

SMHTEAAEVLLER, MH+ 1527.7477, m/z 764.3775
 L OSG37 P180811 230811-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+

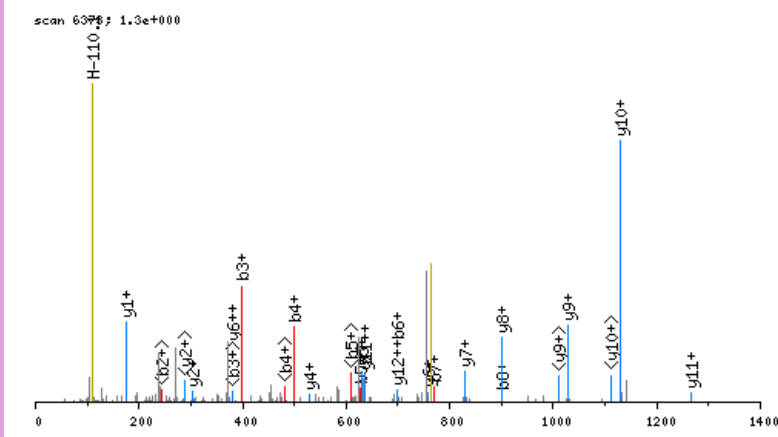
y + 2+ 3+

z + 2+ 3+

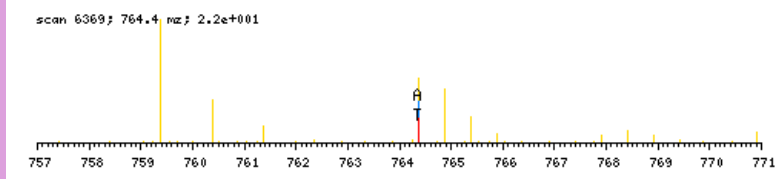
hide H₂O/NH₃

zoom 112-122

GO



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



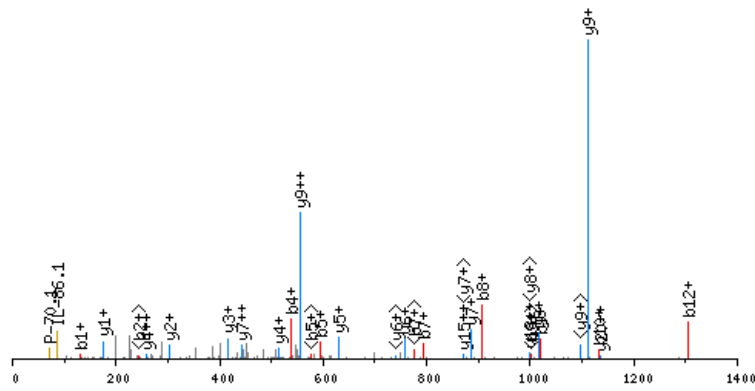
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 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

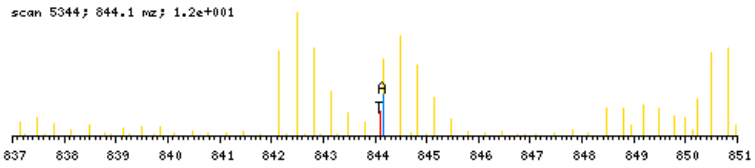
N-term:+43.02

SMNKGPTLLDGLPEQENVLQR, MH+ 2530.3036, m/z 844.1060
 L OSG36 P180811 230811-s1.05348.05348.3.dta

scan 5348; 3.5e+000



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	22		
261.0909	2	M	21	2401.2610	1201.1344
375.1338	3	N	20	2270.2205	1135.6142
537.2919	4	K	19	2156.1776	1078.5927
594.3134	5	G	18	1994.0195	997.5136
691.3662	6	P	17	1936.9980	969.0029
792.4138	7	T	16	1839.9452	920.4765
905.4979	8	L	15	1738.8976	869.9527
1018.5820	9	L	14	1625.8135	813.4107
1133.6089	10	D	13	1512.7294	756.8686
1190.6304	11	G	12	1397.7025	699.3552
1305.6573	12	D	11	1340.6810	670.8444
1418.7414	13	L	10	1225.6541	613.3310
1515.7942	14	P	9	1112.5700	556.7889
1644.8367	15	E	8	1015.5172	508.2625
1772.8953	16	Q	7	886.4747	443.7412
1901.9379	17	E	6	758.4161	379.7120
2015.9808	18	N	5	629.3735	315.1907
2115.0493	19	V	4	515.3306	258.1692
2228.1333	20	L	3	416.2621	208.6350
2356.1919	21	Q	2	303.1781	152.0930
	22	R	1	175.1195	88.0637

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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

SMTVDIVCEKLR, MH+ 1520.7817, m/z 760.8945
 L OSG37 P180811 230811-s1.06532.06532.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

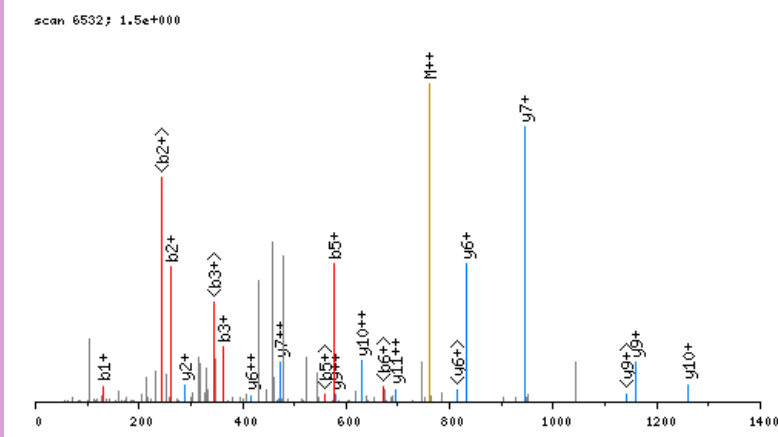
y + 2+ 3+

z + 2+ 3+

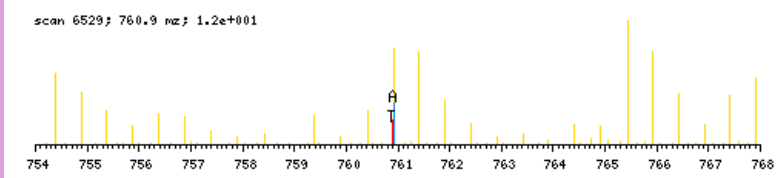
hide H₂O/NH₃

zoom 112-122

GO



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



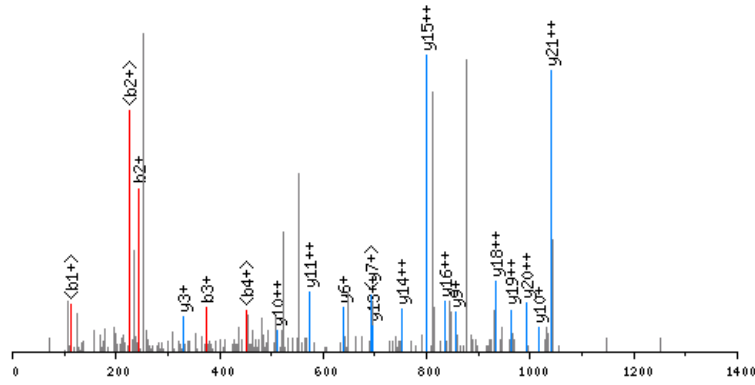
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S	12	
261.0909	2	M	11	1391.7391
362.1386	3	T	10	1260.6986
461.2070	4	V	9	1159.6509
576.2339	5	D	8	1060.5825
689.3180	6	I	7	945.5555
788.3864	7	V	6	832.4715
948.4170	8	C	5	733.4031
1077.4596	9	E	4	573.3725
1233.5859	10	K	3	444.3299
1346.6700	11	L	2	288.2036
	12	R	1	175.1195

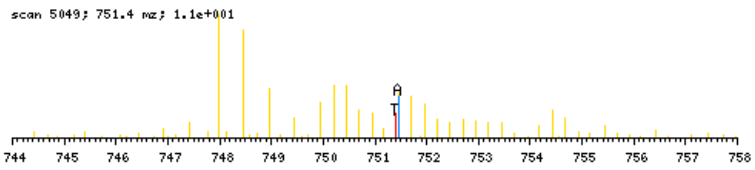
N-term: +43.02 C(8): +160.03
 K(10): +156.13

SNEPPPPYPGGPTAPLLEEKSGAPLTPGR, MH+ 3002.5688, m/z 751.3977
 L OSG36 P180811 230811-s1.05051.05051.4.dta

scan 5051; 6.2e-001



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



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

X-range:

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	29		
244.0934	2	N	28	2873.5262	1437.2670
373.1359	3	E	27	2759.4832	1380.2455
470.1887	4	P	26	2630.4407	1315.7242
567.2415	5	P	25	2533.3879	1267.1979
664.2942	6	P	24	2436.3351	1218.6715
761.3470	7	P	23	2339.2824	1170.1451
924.4103	8	Y	22	2242.2296	1121.6187
1021.4631	9	P	21	2079.1663	1040.0870
1078.4846	10	G	20	1982.1135	991.5607
1135.5060	11	G	19	1925.0920	963.0499
1232.5588	12	P	18	1868.0706	934.5392
1333.6065	13	T	17	1771.0178	886.0128
1404.6436	14	A	16	1669.9701	835.4890
1501.6963	15	P	15	1598.9330	799.9704
1614.7804	16	L	14	1501.8803	751.4440
1727.8645	17	L	13	1388.7962	694.9020
1856.9071	18	E	12	1275.7121	638.3600
1985.9497	19	E	11	1146.6695	573.8387
2148.1078	20	K	10	1017.6269	509.3174
2235.1398	21	S	9	855.4688	428.2383
2292.1613	22	G	8	768.4368	384.7223
2363.1984	23	A	7	711.4153	356.2116
2460.2511	24	P	6	640.3782	320.6930
2573.3352	25	L	5	543.3255	272.1666
2674.3829	26	T	4	430.2414	215.6246
2771.4356	27	P	3	329.1937	165.1008
2828.4571	28	G	2	232.1410	116.5744
	29	R	1	175.1195	88.0637

N-term:+43.02 K(20):+162.16

SNGYEDHMAEDCR, MH+ 1625.5960, m/z 813.3016
 L OSG37 P180811 230811-s1.02782.02782.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

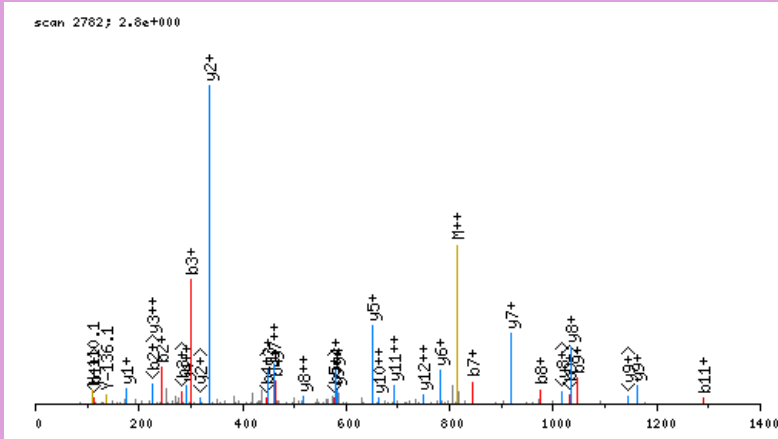
y + 2+ 3+

z + 2+ 3+

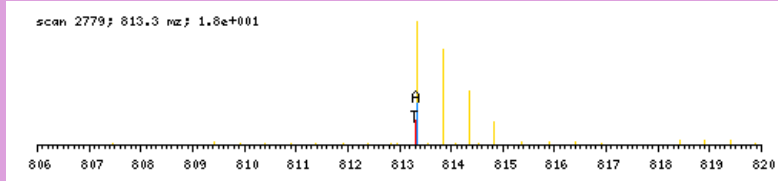
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

SNGYEDHMAEDCRDDIGR, MH+ 2181.8565, m/z 727.9570
 L OSG40 P180811 230811-s1.04356.04356.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

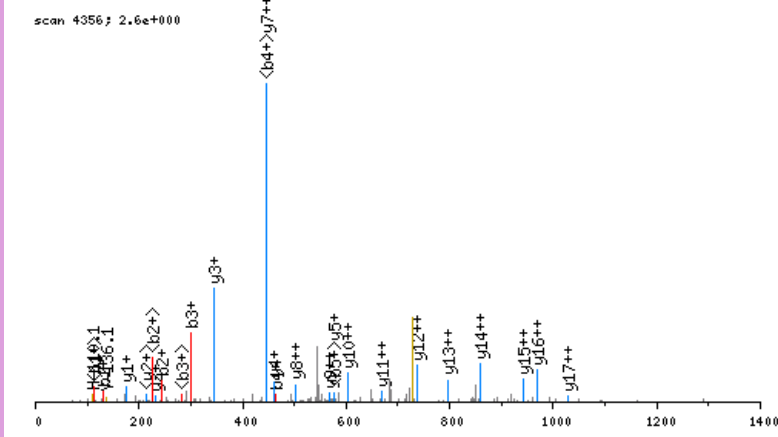
y + 2+ 3+

z + 2+ 3+

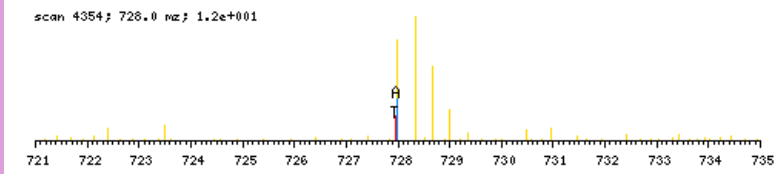
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
244.0934	2	N 17	2052.8139	1026.9109
301.1148	3	G 16	1938.7710	969.8894
464.1781	4	Y 15	1881.7495	941.3787
593.2207	5	E 14	1718.6862	859.8470
708.2477	6	D 13	1589.6436	795.3257
845.3066	7	H 12	1474.6167	737.8122
976.3471	8	M 11	1337.5578	669.2828
1047.3842	9	A 10	1206.5173	603.7626
1176.4268	10	E 9	1135.4802	568.2440
1291.4537	11	D 8	1006.4376	503.7227
1451.4843	12	C 7	891.4106	446.2092
1607.5854	13	R 6	731.3800	366.1939
1722.6124	14	D 5	575.2789	288.1434
1837.6393	15	D 4	460.2520	230.6299
1950.7234	16	I 3	345.2250	173.1164
2007.7449	17	G 2	232.1410	116.5744
	18	R 1	175.1195	88.0637

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

SQAEFDKAAEEVKR, MH+ 1705.8762, m/z 853.4417
 L OSG39 P180811 230811-s1.04047.04047.2.dta

scan 4047; 7.5e+001

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

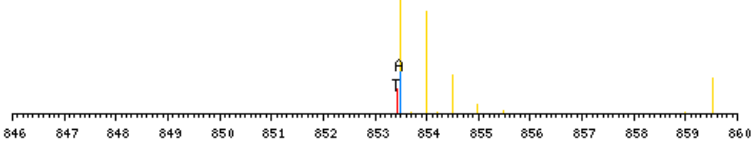
zoom 112-122

GO



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

scan 4046; 853.4 m/z; 3.1e+002



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

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

SQERPTFYR, MH+ 1225.5966, m/z 613.3019
 L OSG38 P180811 230811-s1.03281.03281.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

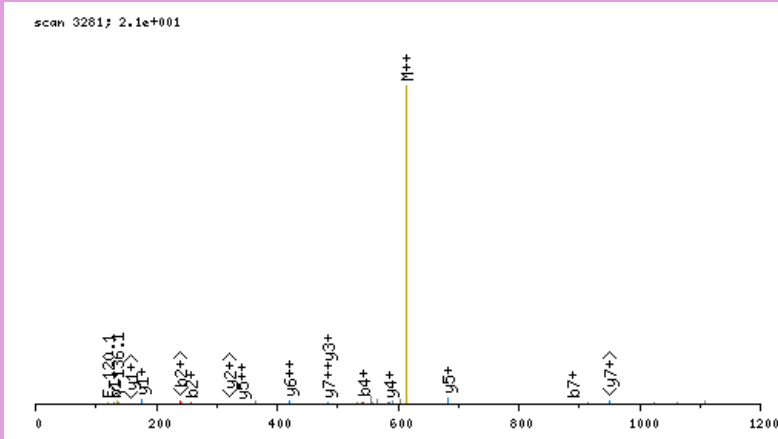
y + 2+ 3+

z + 2+ 3+

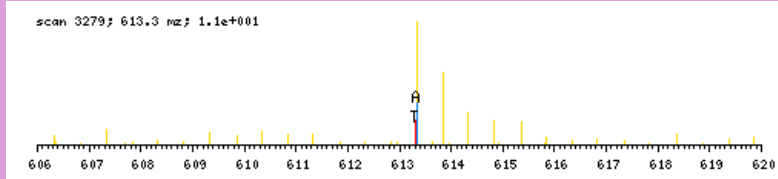
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

SQGDSNPAAIPHAAEDIQDDR, MH+ 2306.0285, m/z 769.3477
 L OSG37 P180811 230811-s1.04971.04971.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

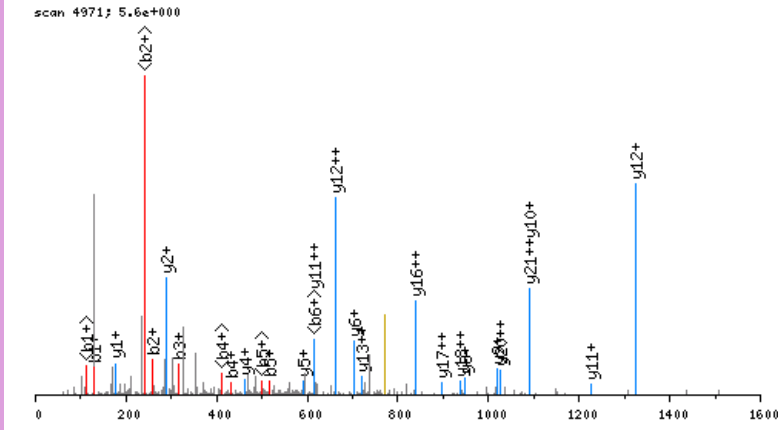
y + 2+ 3+

z + 2+ 3+

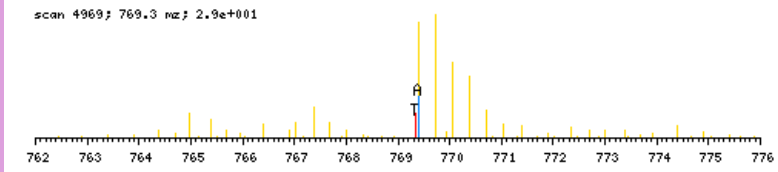
hide H₂O/NH₃

zoom 112-122

GO



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



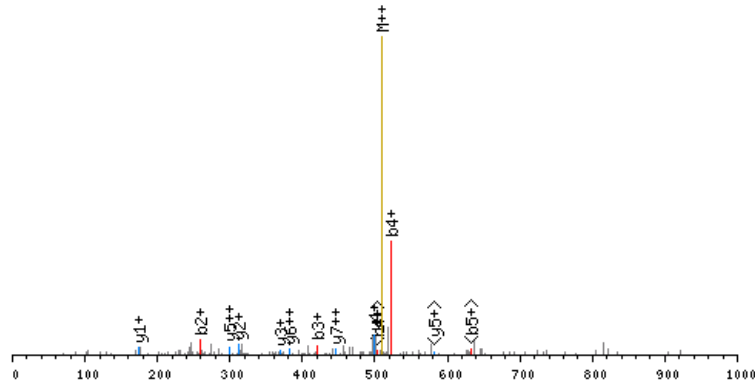
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
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

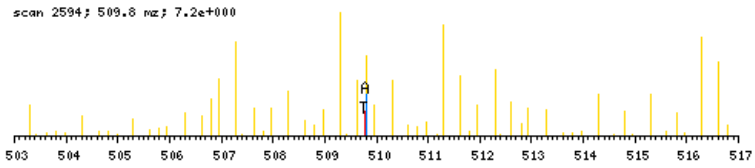
SQKTEGHR, MH+ 1018.5494, m/z 509.7784
 L OSG37 P180811 230811-s1.02596.02596.2.dta

scan 2596; 2.3e+000



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

scan 2594; 509.8 m/z; 7.2e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

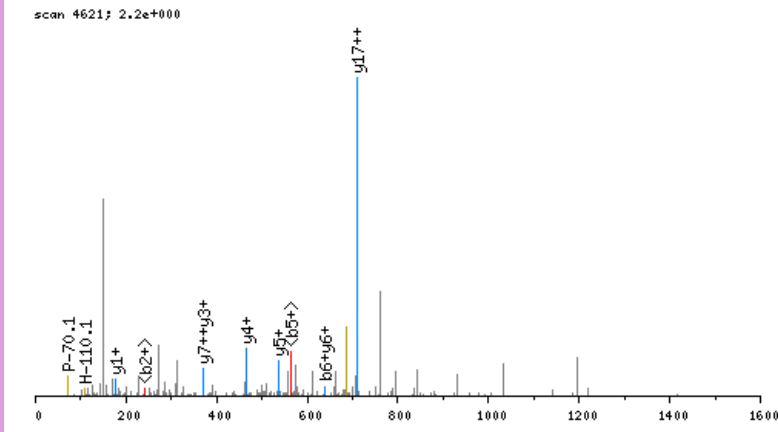
zoom 112-122

GO

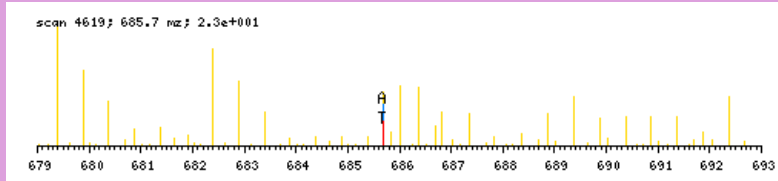
b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S	8	
258.1090	2	Q	7	889.5068
420.2671	3	K	6	761.4482
521.3148	4	T	5	599.2901
650.3574	5	E	4	498.2425
707.3788	6	G	3	369.1999
844.4378	7	H	2	312.1784
	8	R	1	175.1195

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

SQPLLGAGGAGPSAGAPTAPPPR, MH+ 2055.0623, m/z 685.6923
 L OSG37 P180811 230811-s1.04621.04621.3.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⁺
130.0504	1	S 23		
258.1090	2	Q 22	1926.0197	963.5138
355.1618	3	P 21	1797.9612	899.4845
468.2458	4	L 20	1700.9084	850.9581
581.3299	5	L 19	1587.8243	794.4161
638.3514	6	G 18	1474.7403	737.8740
695.3728	7	G 17	1417.7188	709.3633
752.3943	8	G 16	1360.6973	680.8526
823.4314	9	A 15	1303.6759	652.3418
880.4529	10	G 14	1232.6388	616.8233
937.4743	11	G 13	1175.6173	588.3126
1034.5271	12	P 12	1118.5958	559.8018
1121.5591	13	S 11	1021.5431	511.2754
1192.5962	14	A 10	934.5110	467.7594
1249.6177	15	G 9	863.4739	432.2409
1320.6548	16	A 8	806.4525	403.7301
1417.7076	17	P 7	735.4153	368.2116
1518.7553	18	T 6	638.3626	319.6852
1589.7924	19	A 5	537.3149	269.1614
1686.8451	20	P 4	466.2778	233.6428
1783.8979	21	P 3	369.2250	185.1164
1880.9507	22	P 2	272.1723	136.5900
	23	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

SRGKDAIAPKR, MH+ 1308.8389, m/z 436.9511
 L OSG40 P180811 230811-s1.05173.05173.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

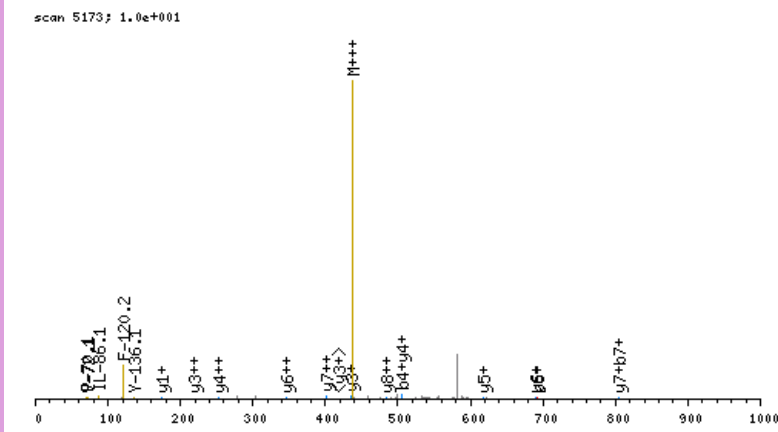
y + 2+ 3+

z + 2+ 3+

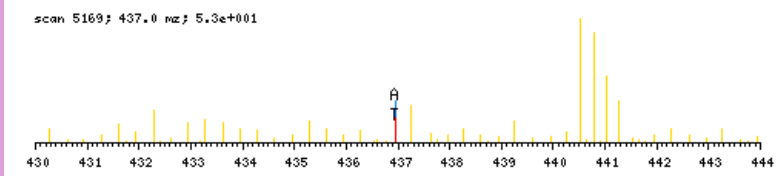
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	11		
286.1515	2	R	10	1179.7963	590.4020
343.1730	3	G	9	1023.6952	512.3515
505.3311	4	K	8	966.6737	483.8408
620.3580	5	D	7	804.5156	402.7617
691.3952	6	A	6	689.4887	345.2482
804.4792	7	I	5	618.4515	309.7297
875.5163	8	A	4	505.3675	253.1877
972.5691	9	P	3	434.3304	217.6691
1134.7272	10	K	2	337.2776	169.1427
	11	R	1	175.1195	88.0637

N-term:+43.02 K(4):+162.16
 K(10):+162.16

SSDAEMAVFGEAAPYLK, MH+ 1855.8536, m/z 928.4305
 L OSG41 P180811 230811-s1.07371.07371.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

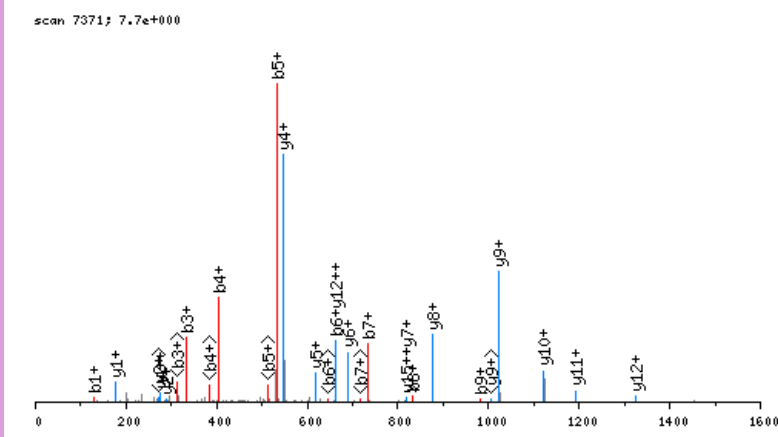
y + 2+ 3+

z + 2+ 3+

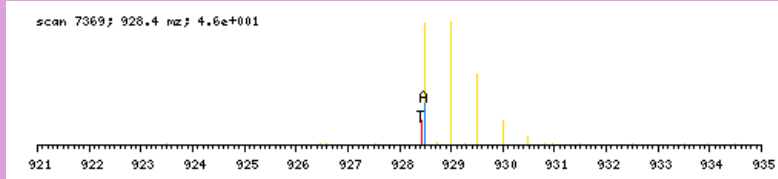
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG41 P180811 230811-s1.05336.05336.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

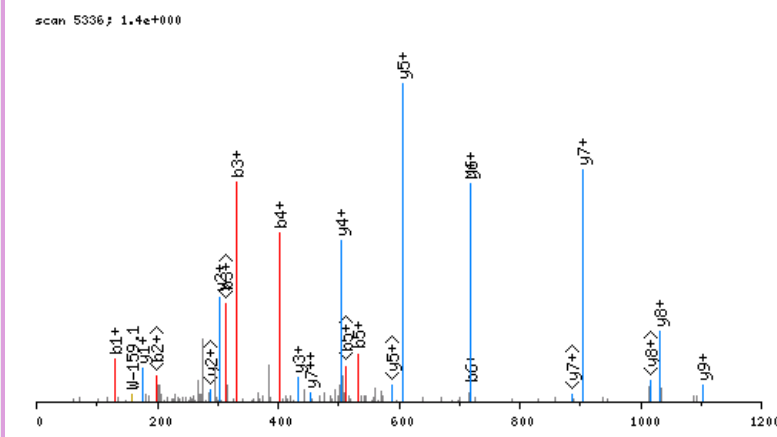
y + 2+ 3+

z + 2+ 3+

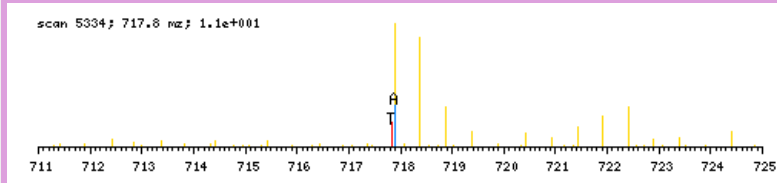
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

SSDTSPAVVTTPPPPSMPHKER, MH+ 2394.2188, m/z 798.7444
 L OSG39 P180811 230811-s1.03735.03735.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

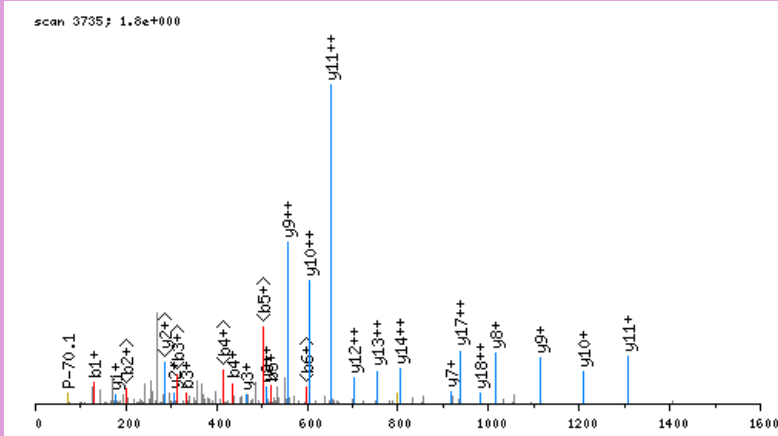
y + 2+ 3+

z + 2+ 3+

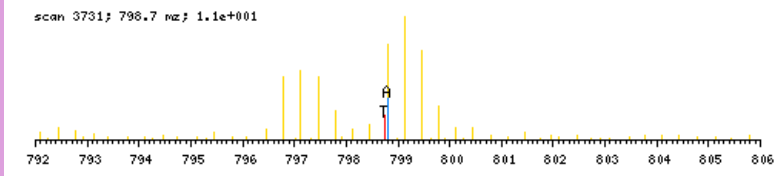
hide H₂O/NH₃

zoom 112-122

GO



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



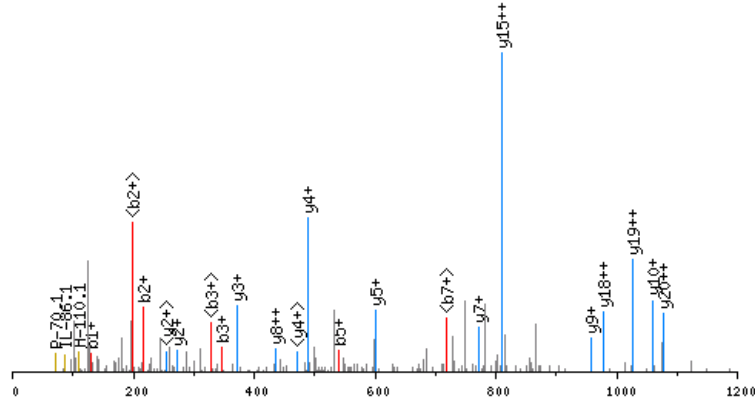
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 22		
217.0825	2	S 21	2265.1762	1133.0920
332.1094	3	D 20	2178.1442	1089.5760
433.1571	4	T 19	2063.1172	1032.0625
520.1891	5	S 18	1962.0695	981.5387
617.2419	6	P 17	1875.0375	938.0227
688.2790	7	A 16	1777.9847	889.4963
787.3474	8	V 15	1706.9476	853.9777
886.4158	9	V 14	1607.8792	804.4435
987.4635	10	T 13	1508.8108	754.9093
1088.5112	11	T 12	1407.7631	704.3855
1185.5639	12	P 11	1306.7154	653.8616
1282.6167	13	P 10	1209.6627	605.3352
1379.6695	14	P 9	1112.6099	556.8089
1476.7222	15	P 8	1015.5571	508.2825
1563.7543	16	S 7	918.5044	459.7561
1694.7947	17	M 6	831.4724	416.2401
1791.8475	18	P 5	700.4319	350.7198
1928.9064	19	H 4	603.3791	302.1935
2091.0645	20	K 3	466.3202	233.6640
2220.1071	21	E 2	304.1621	152.5850
	22	R 1	175.1195	88.0637

N-term:+43.02 K(20):+162.16

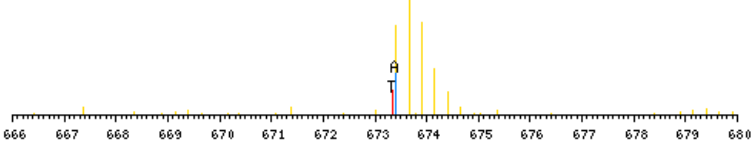
SSEPPPPPLQPPPTHQTSVGLLDTPR, MH+ 2690.3790, m/z 673.3502
 L OSG36 P180811 230811-s1.04850.04850.4.dta

scan 4850; 1.2e+000



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

scan 4849; 673.4 mz; 7.9e+001



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+

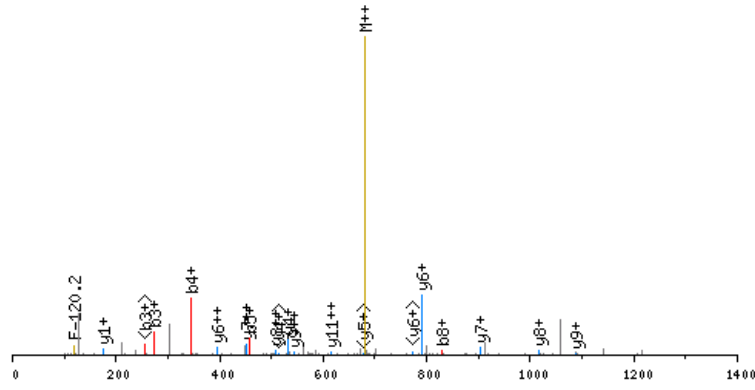
hide H₂O/NH₃

zoom 112-122

GO

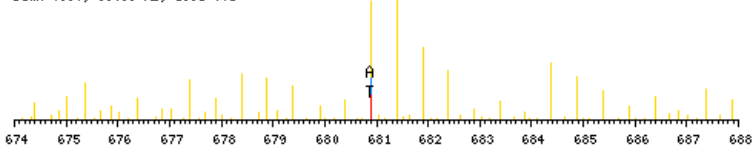
SSGALLPKPQMR, MH+ 1360.7835, m/z 680.8954
 L OSG37 P180811 230811-s1.04856.04856.2.dta

scan 4856; 8.2e+000



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

scan 4854; 680.9 m/z; 1.9e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	12		
217.0825	2	S	11	1231.7409	616.3744
274.1039	3	G	10	1144.7089	572.8584
345.1410	4	A	9	1087.6874	544.3476
458.2251	5	L	8	1016.6503	508.8291
571.3092	6	L	7	903.5663	452.2870
668.3619	7	P	6	790.4822	395.7450
830.5200	8	K	5	693.4294	347.2186
927.5728	9	P	4	531.2713	266.1396
1055.6314	10	Q	3	434.2186	217.6132
1186.6719	11	M	2	306.1600	153.5839
	12	R	1	175.1195	88.0637

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

SSGASVSALQR, MH+ 1104.5649, m/z 552.7861
 L OSG41 P180811 230811-s1.03058.03058.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

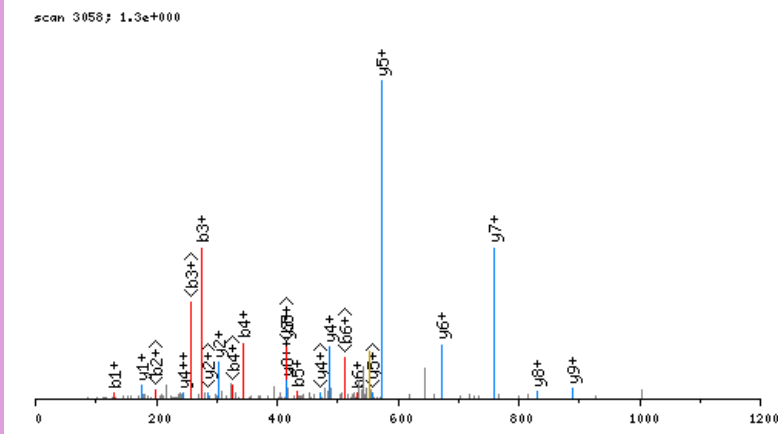
y + 2+ 3+

z + 2+ 3+

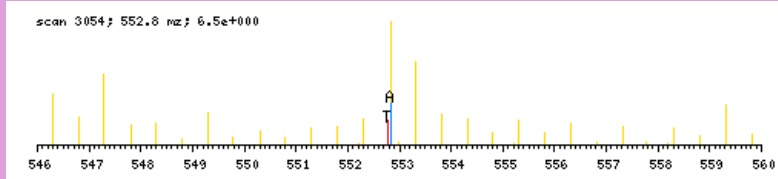
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
217.0825	2	S	10	975.5223	488.2651
274.1039	3	G	9	888.4903	444.7491
345.1410	4	A	8	831.4688	416.2383
432.1731	5	S	7	760.4317	380.7198
531.2415	6	V	6	673.3997	337.2038
618.2735	7	S	5	574.3313	287.6696
689.3106	8	A	4	487.2993	244.1535
802.3947	9	L	3	416.2621	208.6350
930.4533	10	Q	2	303.1781	152.0930
	11	R	1	175.1195	88.0637

N-term:+43.02

SSIGTGYDLSASTFSPDGR, MH+ 1959.8936, m/z 653.9694
 L OSG41 P180811 230811-s1.06331.06331.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

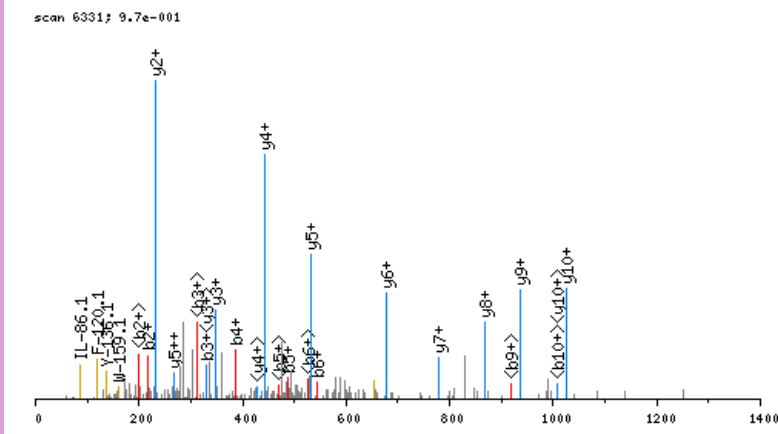
y + 2+ 3+

z + 2+ 3+

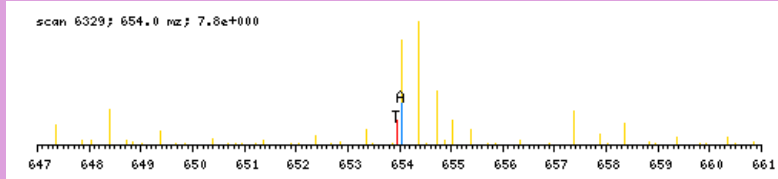
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

SSILPFTPPVVKR, MH+ 1510.8998, m/z 755.9535
 L OSG37 P180811 230811-s1.08076.08076.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

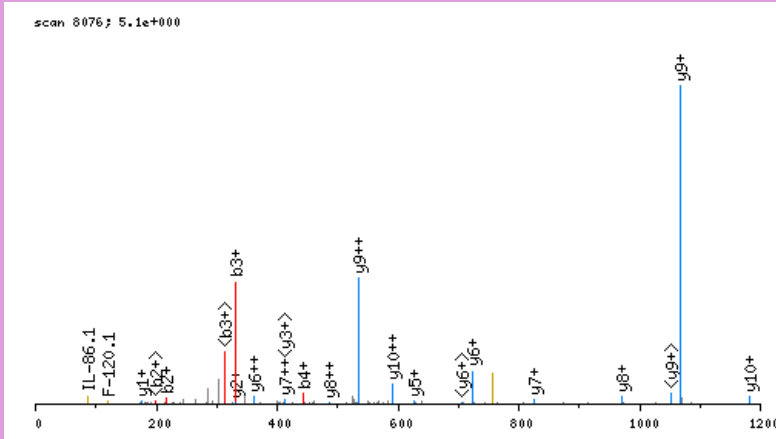
y + 2+ 3+

z + 2+ 3+

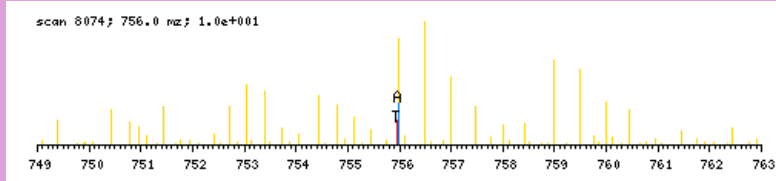
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
217.0825	2	S 12	1381.8572	691.4325
330.1665	3	I 11	1294.8251	647.9165
443.2506	4	L 10	1181.7411	591.3745
540.3033	5	P 9	1068.6570	534.8324
687.3718	6	F 8	971.6042	486.3060
788.4194	7	T 7	824.5358	412.7718
885.4722	8	P 6	723.4882	362.2480
982.5250	9	P 5	626.4354	313.7216
1081.5934	10	V 4	529.3826	265.1952
1180.6618	11	V 3	430.3142	215.6610
1336.7881	12	K 2	331.2458	166.1268
	13	R 1	175.1195	88.0637

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

SSKSMVLGYWDIR, MH+ 1611.8205, m/z 537.9450
 L OSG37 P180811 230811-s1.08013.08013.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

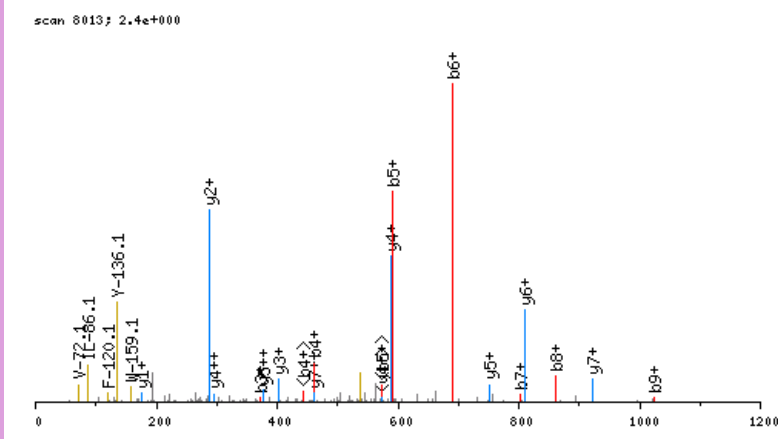
y + 2+ 3+

z + 2+ 3+

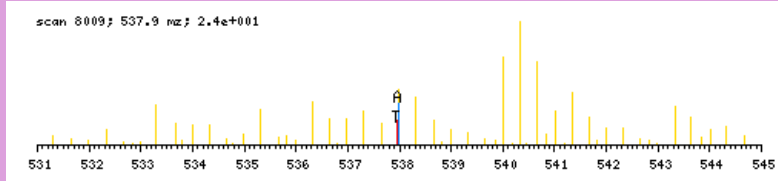
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
217.0825	2	S 12	1482.7779	741.8929
373.2088	3	K 11	1395.7459	698.3769
460.2408	4	S 10	1239.6196	620.3137
591.2813	5	M 9	1152.5876	576.7977
690.3497	6	V 8	1021.5471	511.2775
803.4337	7	L 7	922.4787	461.7433
860.4552	8	G 6	809.3946	405.2012
1023.5185	9	Y 5	752.3731	376.6905
1209.5979	10	W 4	589.3098	295.1588
1324.6248	11	D 3	403.2305	202.1192
1437.7089	12	I 2	288.2036	144.6057
	13	R 1	175.1195	88.0637

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

SSKTASTNSIAQAR, MH+ 1497.8086, m/z 499.9410
 L OSG37 P180811 230811-s1.02205.02205.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

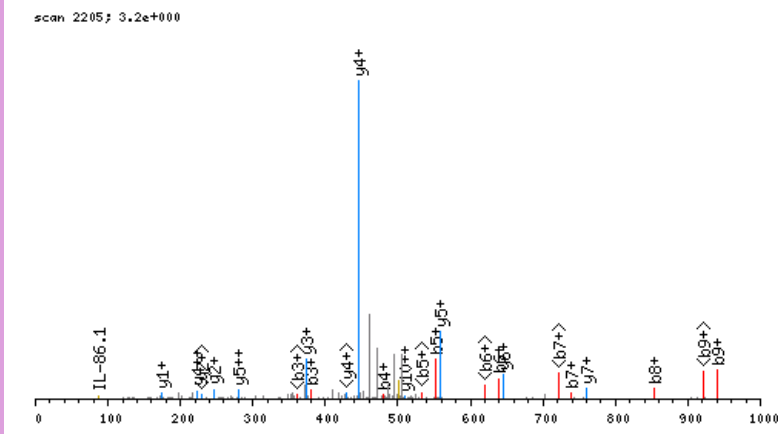
y + 2+ 3+

z + 2+ 3+

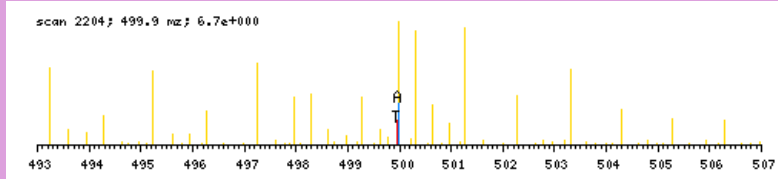
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
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
 L OSG41 P180811 230811-s1.05613.05613.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

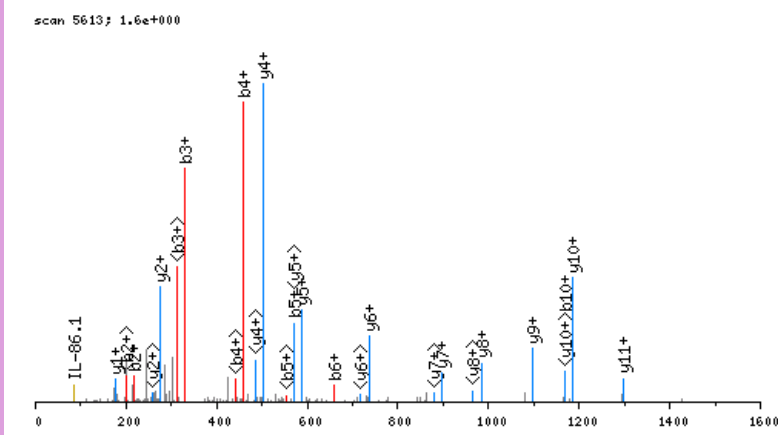
y + 2+ 3+

z + 2+ 3+

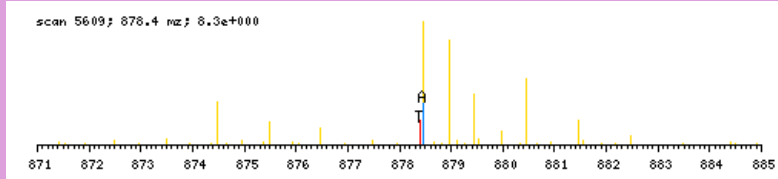
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

SSMTQNLK, MH+ 978.4679, m/z 489.7376
 L OSG41 P180811 230811-s1.03117.03117.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

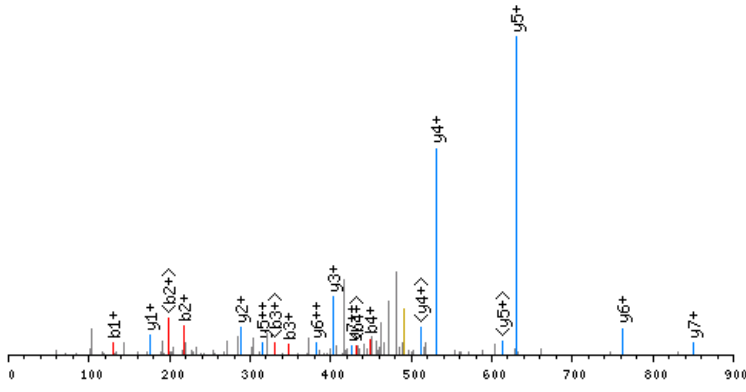
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

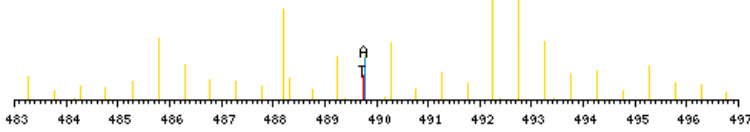
GO

scan 3117; 1.1e+000



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

scan 3114; 489.7 m/z; 1.3e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S	8	
217.0825	2	S	7	849.4253 425.2165
348.1229	3	M	6	762.3932 381.7005
449.1706	4	T	5	631.3527 316.1803
577.2292	5	Q	4	530.3051 265.6564
691.2721	6	N	3	402.2465 201.6272
804.3562	7	L	2	288.2036 144.6057
	8	R	1	175.1195 88.0637

N-term:+43.02

SSNECFKCGR, MH+ 1320.5888, m/z 660.7981
 L OSG38 P180811 230811-s1.02183.02183.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

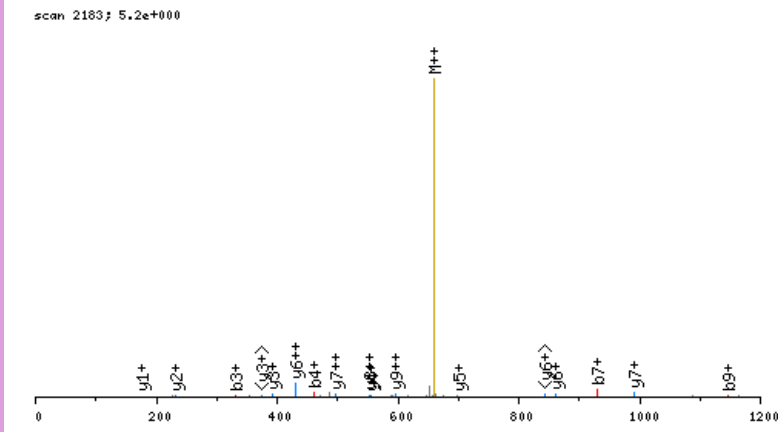
y + 2+ 3+

z + 2+ 3+

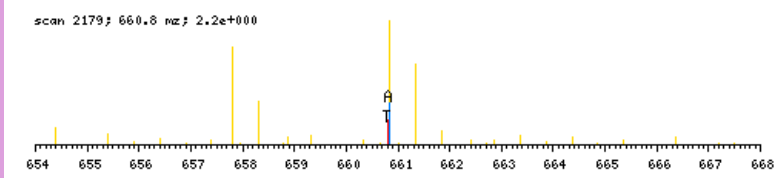
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
217.0825	2	S	9	1191.5462	596.2770
331.1254	3	N	8	1104.5142	552.7610
460.1680	4	E	7	990.4713	495.7395
620.1986	5	C	6	861.4287	431.2183
767.2670	6	F	5	701.3981	351.2030
929.4251	7	K	4	554.3297	277.6687
1089.4557	8	C	3	392.1716	196.5897
1146.4772	9	G	2	232.1410	116.5744
	10	R	1	175.1195	88.0637

N-term:+43.02 C(5):+160.03
 K(7):+162.16 C(8):+160.03

SSQPGIFCIGVDLNR, MH+ 1704.8379, m/z 568.9508
 L OSG37 P180811 230811-s1.04533.04533.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

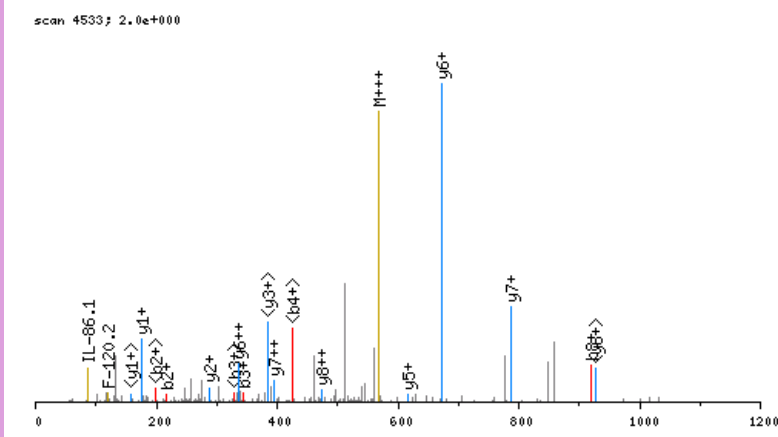
y + 2+ 3+

z + 2+ 3+

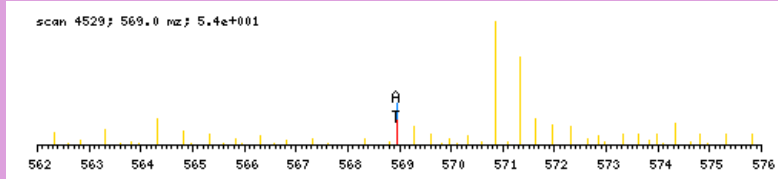
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	15		
217.0825	2	S	14	1575.7953	788.4016
345.1410	3	Q	13	1488.7633	744.8855
442.1938	4	P	12	1360.7047	680.8563
499.2153	5	G	11	1263.6519	632.3299
612.2993	6	I	10	1206.6305	603.8191
759.3677	7	F	9	1093.5464	547.2771
919.3983	8	C	8	946.4780	473.7429
1032.4824	9	I	7	786.4474	393.7276
1089.5039	10	G	6	673.3633	337.1856
1188.5723	11	V	5	616.3418	308.6748
1303.5992	12	D	4	517.2734	259.1406
1416.6833	13	L	3	402.2465	201.6272
1530.7262	14	N	2	289.1624	145.0851
	15	R	1	175.1195	88.0637

N-term:+43.02 C(8):+160.03

SSSAASPLFAPGEDCGPAWR, MH+ 2104.9398, m/z 702.3181
 L OSG41 P180811 230811-s1.06751.06751.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

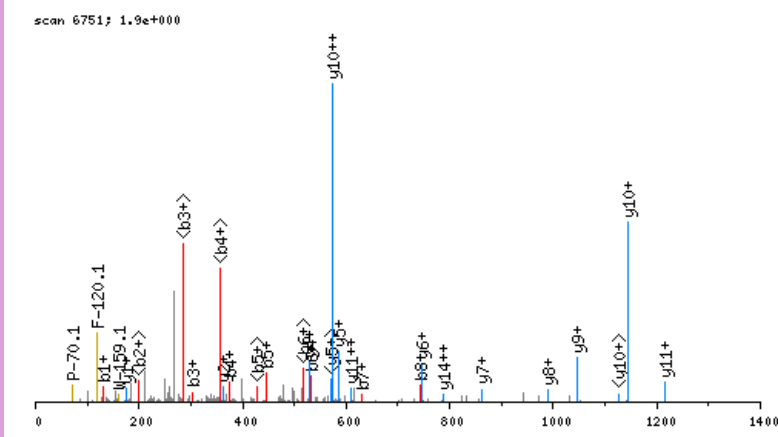
y + 2+ 3+

z + 2+ 3+

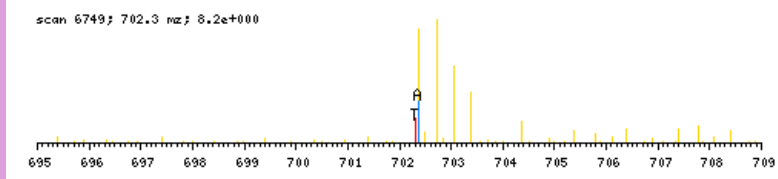
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

SSSLAGHVMVSLTPCEESR, MH+ 2160.0065, m/z 720.6737
 L OSG36 P180811 230811-s1.05038.05038.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

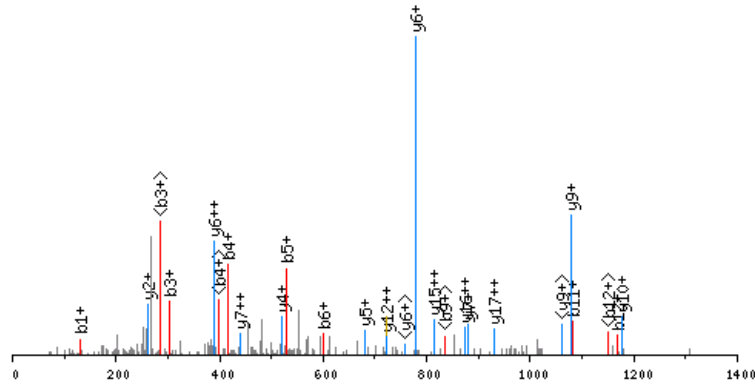
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

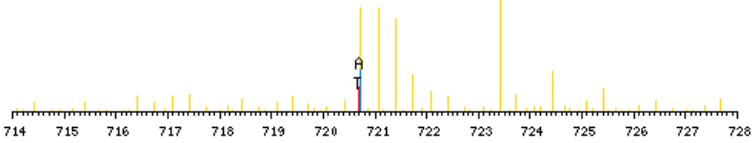
GO

scan 5038; 1.3e+000



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

scan 5034; 720.7 m/z; 5.1e+000



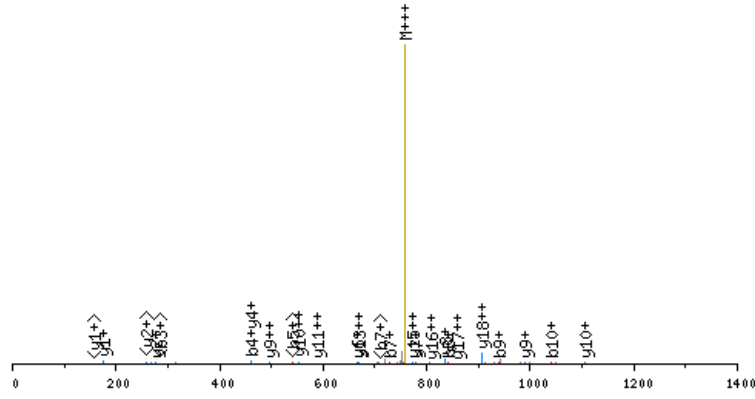
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	20		
217.0825	2	S	19	2030.9639	1015.9859
304.1145	3	S	18	1943.9319	972.4698
417.1985	4	L	17	1856.8998	928.9538
530.2826	5	L	16	1743.8158	872.4118
601.3197	6	A	15	1630.7317	815.8698
658.3412	7	G	14	1559.6946	780.3512
715.3627	8	G	13	1502.6731	751.8405
852.4216	9	H	12	1445.6517	723.3297
983.4621	10	M	11	1308.5927	654.8003
1082.5305	11	V	10	1177.5523	589.2800
1169.5625	12	S	9	1078.4839	539.7458
1282.6466	13	L	8	991.4518	496.2298
1383.6942	14	T	7	878.3678	439.6878
1480.7470	15	P	6	777.3201	389.1640
1640.7776	16	C	5	680.2673	340.6376
1769.8202	17	E	4	520.2367	260.6223
1898.8628	18	E	3	391.1941	196.1010
1985.8948	19	S	2	262.1515	131.5797
	20	R	1	175.1195	88.0637

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

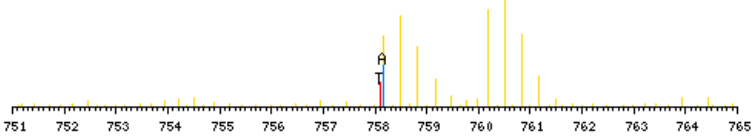
SSSRPVALVTGANKGIGFAITR, MH+ 2272.2778, m/z 758.0974
L OSG38 P180811 230811-s1.06625.06625.3.dta

scan 6625; 2.8e+001



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

scan 6624; 758.1 mz; 3.9e+001



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

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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

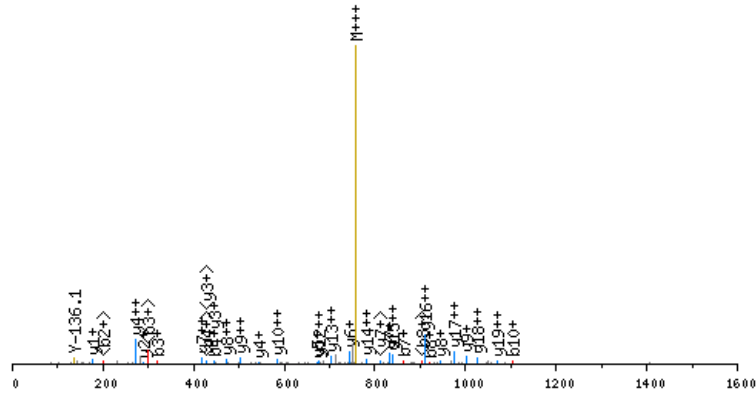
hide H₂O/NH₃

zoom 112-122

GO

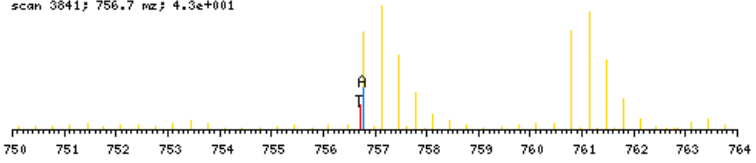
SSTQFNKGPSYGLSAEVKNR, MH+ 2268.1625, m/z 756.7257
 L OSG39 P180811 230811-s1.03842.03842.3.dta

scan 3842; 1.1e+001



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

scan 3841; 756.7 m/z; 4.3e+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	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

SSVAVLTQESFAEHR, MH+ 1702.8400, m/z 568.2849
 L OSG37 P180811 230811-s1.06760.06760.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

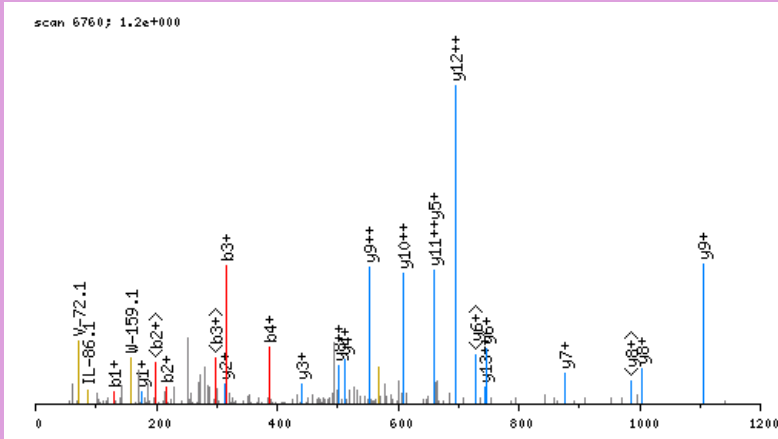
y + 2+ 3+

z + 2+ 3+

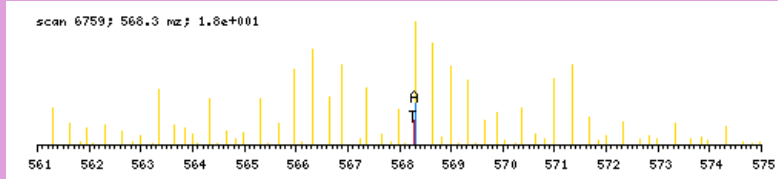
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

SSVTSTKEVADSPPLTR, MH+ 1942.0134, m/z 648.0093
 L OSG36 P180811 230811-s1.03346.03346.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

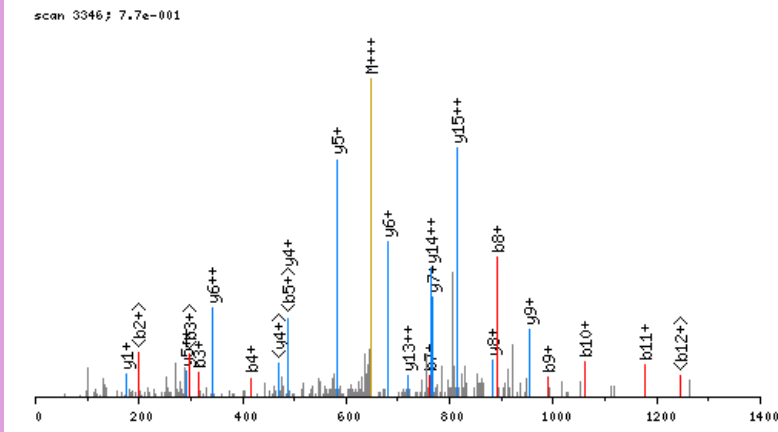
y + 2+ 3+

z + 2+ 3+

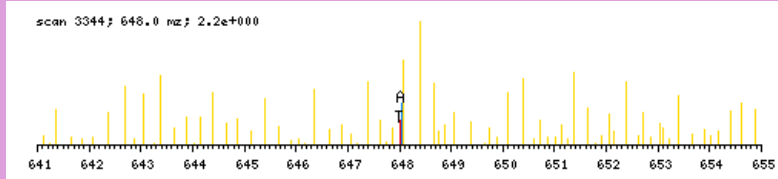
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1812.9708	906.9893
316.1509	3	V 16	1725.9387	863.4733
417.1985	4	T 15	1626.8703	813.9391
504.2306	5	S 14	1525.8226	763.4152
605.2783	6	T 13	1438.7906	719.8992
761.4046	7	K 12	1337.7429	669.3754
890.4471	8	E 11	1181.6166	591.3122
989.5156	9	V 10	1052.5740	526.7909
1060.5527	10	A 9	953.5056	477.2567
1175.5796	11	D 8	882.4685	441.7382
1262.6116	12	S 7	767.4416	384.2247
1359.6644	13	P 6	680.4095	340.7087
1456.7172	14	P 5	583.3568	292.1823
1553.7699	15	P 4	486.3040	243.6559
1666.8540	16	L 3	389.2512	195.1295
1767.9017	17	T 2	276.1672	138.5875
	18	R 1	175.1195	88.0637

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

STAGVAAQDIR, MH+ 1130.5806, m/z 565.7939
 L OSG41 P180811 230811-s1.03272.03272.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

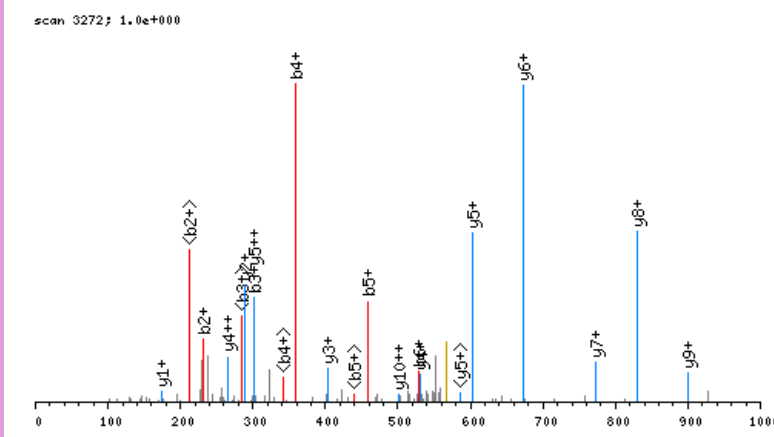
y + 2+ 3+

z + 2+ 3+

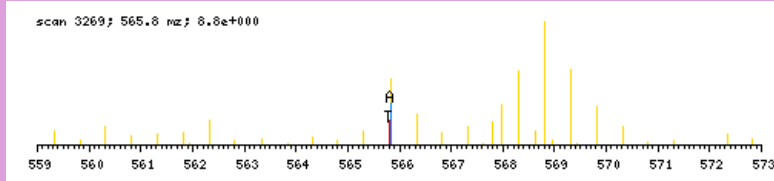
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
231.0981	2	T	10	1001.5380	501.2729
302.1352	3	A	9	900.4903	450.7491
359.1567	4	G	8	829.4532	415.2305
458.2251	5	V	7	772.4317	386.7198
529.2622	6	A	6	673.3633	337.1856
600.2993	7	A	5	602.3262	301.6670
728.3579	8	Q	4	531.2891	266.1485
843.3848	9	D	3	403.2305	202.1192
956.4689	10	I	2	288.2036	144.6057
	11	R	1	175.1195	88.0637

N-term:+43.02

STEASARPLR, MH+ 1129.5966, m/z 565.3019
 L OSG38 P180811 230811-s1.02223.02223.2.dta

scan 2223; 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+

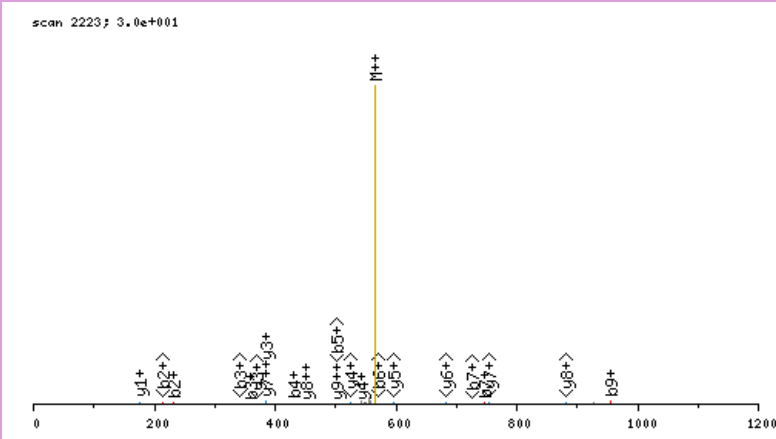
y + 2+ 3+

z + 2+ 3+

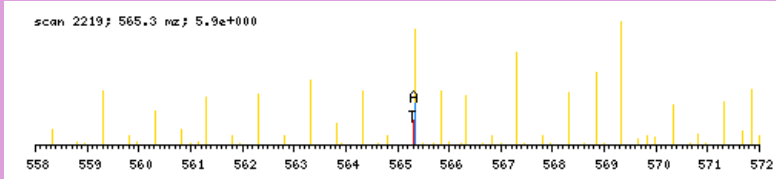
hide H₂O/NH₃

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⁺
130.0504	1	S	10		
231.0981	2	T	9	1000.5540	500.7809
360.1407	3	E	8	899.5063	450.2571
431.1778	4	A	7	770.4637	385.7358
518.2098	5	S	6	699.4266	350.2172
589.2470	6	A	5	612.3946	306.7012
745.3481	7	R	4	541.3574	271.1826
842.4008	8	P	3	385.2563	193.1321
955.4849	9	L	2	288.2036	144.6057
	10	R	1	175.1195	88.0637

N-term:+43.02

STGTFVVSQPLNYR, MH+ 1610.8179, m/z 805.9126
 L OSG41 P180811 230811-s1.05702.05702.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

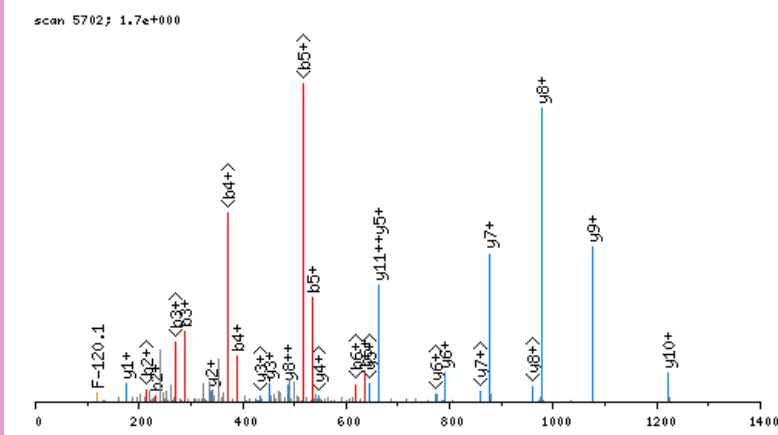
y + 2+ 3+

z + 2+ 3+

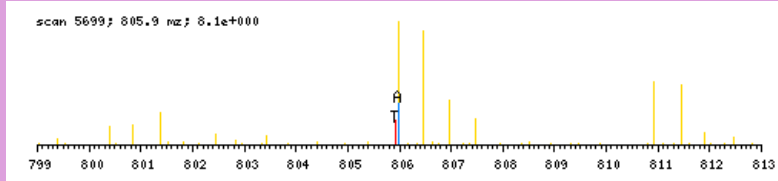
hide H₂O/NH₃

zoom 112-122

GO



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



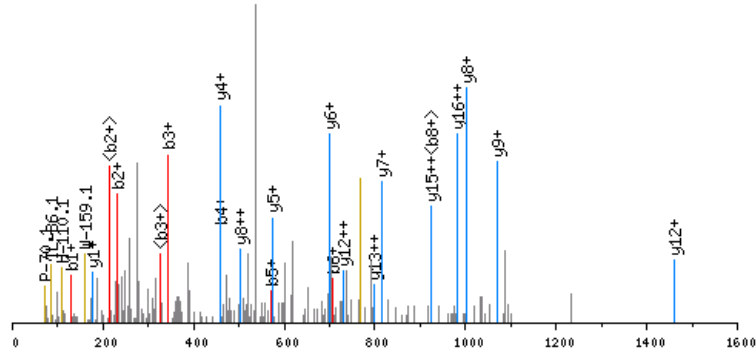
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

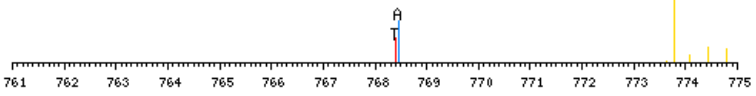
STLLIHHHPQYAWLQDLGLR, MH+ 2303.2301, m/z 768.4149
 L OSG39 P180811 230811-s1.07923.07923.3.dta

scan 7923; 4.4e-001



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

scan 7921; 768.4 m/z; 2.5e+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	19		
231.0981	2	T	18	2174.1875	1087.5976
344.1822	3	L	17	2073.1398	1037.0738
457.2662	4	L	16	1960.0557	980.5318
570.3503	5	I	15	1846.9717	923.9897
707.4092	6	H	14	1733.8876	867.4477
844.4681	7	H	13	1596.8287	798.9183
941.5209	8	P	12	1459.7698	730.3888
1069.5795	9	Q	11	1362.7170	681.8624
1232.6428	10	Y	10	1234.6584	617.8331
1303.6799	11	A	9	1071.5951	536.3015
1489.7592	12	W	8	1000.5580	500.7829
1602.8433	13	L	7	814.4787	407.7433
1730.9019	14	Q	6	701.3946	351.2012
1845.9288	15	D	5	573.3360	287.1719
1959.0129	16	L	4	458.3091	229.6585
2016.0343	17	G	3	345.2250	173.1164
2129.1184	18	L	2	288.2036	144.6057
	19	R	1	175.1195	88.0637

N-term:+43.02

STNIDLSSLSSYDEGQGSKFIR, MH+ 2381.1685, m/z 794.3944
 L OSG37 P180811 230811-s1.06702.06702.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

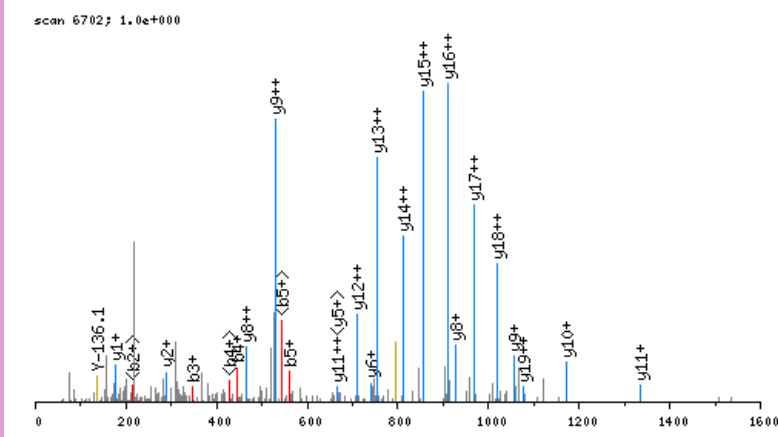
y + 2+ 3+

z + 2+ 3+

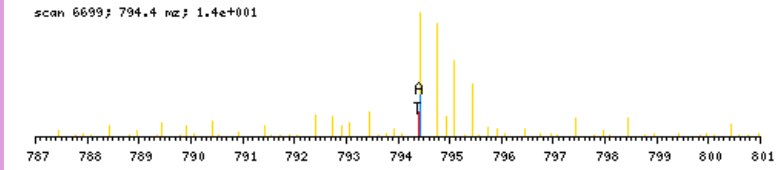
hide H₂O/NH₃

zoom 112-122

GO



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



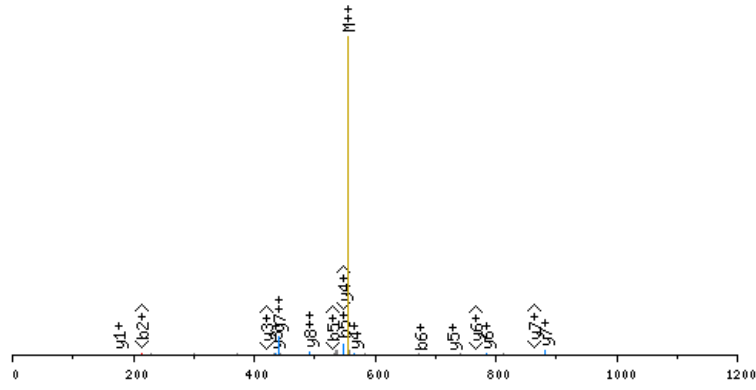
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 21		
231.0981	2	T 20	2252.1259	1126.5669
345.1410	3	N 19	2151.0782	1076.0430
446.1887	4	T 18	2037.0353	1019.0216
561.2157	5	D 17	1935.9876	968.4977
674.2997	6	L 16	1820.9607	910.9843
761.3317	7	S 15	1707.8766	854.4422
874.4158	8	L 14	1620.8446	810.9262
961.4478	9	S 13	1507.7605	754.3842
1048.4799	10	S 12	1420.7285	710.8682
1211.5432	11	Y 11	1333.6965	667.3522
1326.5701	12	D 10	1170.6331	585.8205
1455.6127	13	E 9	1055.6062	528.3070
1512.6342	14	G 8	926.5636	463.7857
1640.6928	15	Q 7	869.5421	435.2750
1697.7142	16	G 6	741.4836	371.2457
1784.7463	17	S 5	684.4621	342.7350
1946.9044	18	K 4	597.4301	299.2190
2093.9728	19	F 3	435.2720	218.1399
2207.0568	20	I 2	288.2036	144.6057
	21	R 1	175.1195	88.0637

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

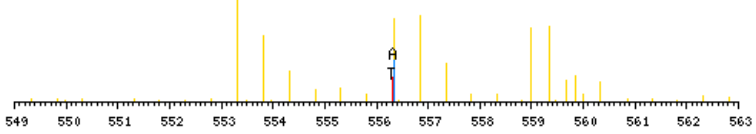
STPGKENFR, MH+ 1111.5960, m/z 556.3017
 L OSG38 P180811 230811-s1.02241.02241.2.dta

scan 2241; 2.5e+001



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

scan 2239; 556.3 m/z; 9.2e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S	9	
231.0981	2	T	8	982.5534
328.1509	3	P	7	881.5058
385.1723	4	G	6	784.4530
547.3304	5	K	5	727.4315
676.3730	6	E	4	565.2734
790.4160	7	N	3	436.2308
937.4844	8	F	2	322.1879
	9	R	1	175.1195

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

STTTGPEAAPKPSAKSIYEQR, MH+ 2317.2040, m/z 773.0729
 L OSG39 P180811 230811-s1.03093.03093.3.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+

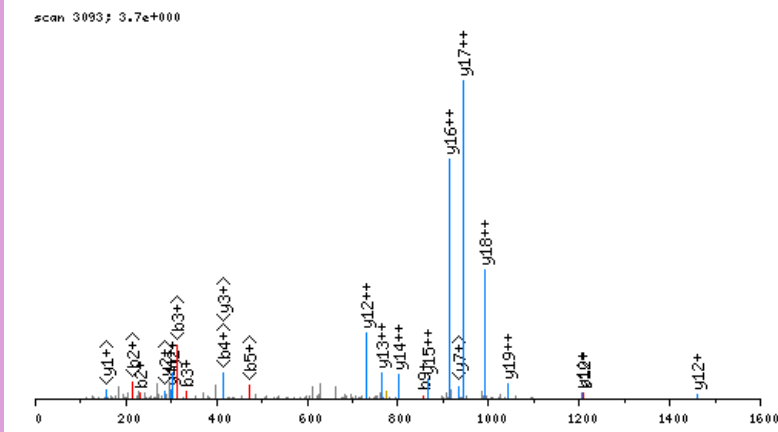
y + 2+ 3+

z + 2+ 3+

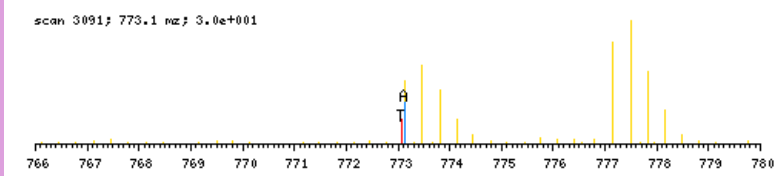
hide H₂O/NH₃

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⁺
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

SVAFAPR, MH+ 860.4630, m/z 430.7352
 L OSG41 P180811 230811-s1.04230.04230.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

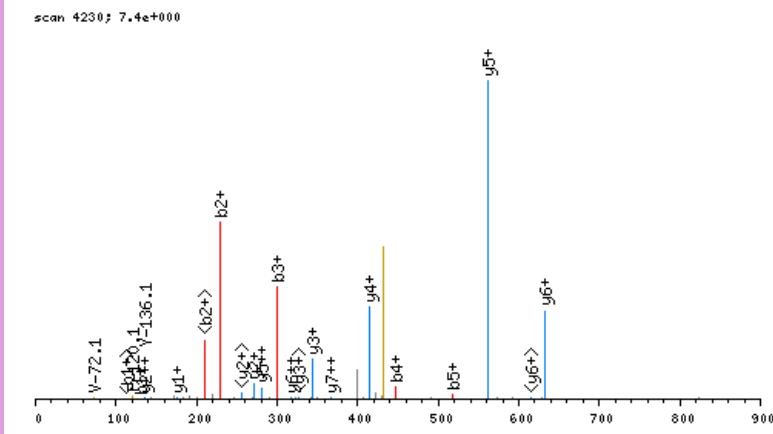
y + 2+ 3+

z + 2+ 3+

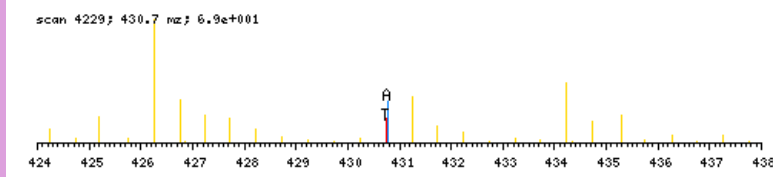
hide H₂O/NH₃

zoom 112-122

GO



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



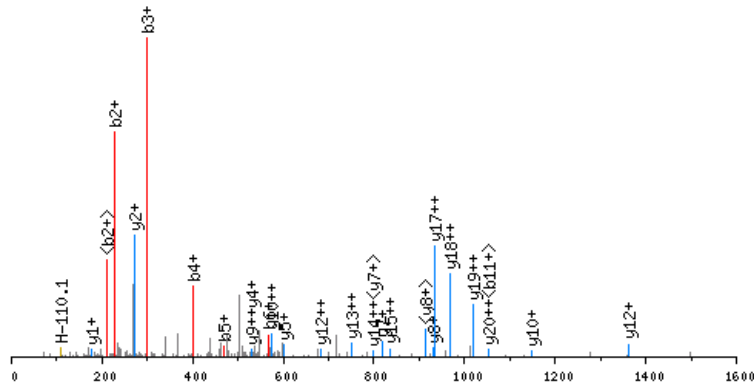
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
130.0504	1	S 8		
229.1188	2	V 7	731.4204	366.2141
300.1560	3	A 6	632.3520	316.6799
447.2244	4	F 5	561.3149	281.1614
518.2615	5	A 4	414.2465	207.6272
589.2986	6	A 3	343.2094	172.1086
686.3514	7	P 2	272.1723	136.5900
	8	R 1	175.1195	88.0637

N-term:+43.02

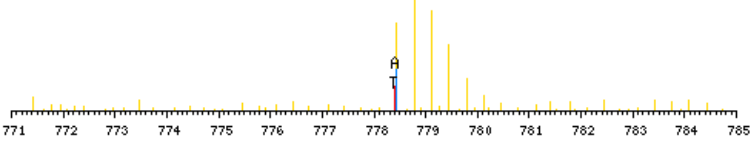
SVAVAPVAVHPDMSLSEAEPR, MH+ 2333.1447, m/z 778.3864
 L OSG36 P180811 230811-s1.05220.05220.3.dta

scan 5220; 2.1e+000



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

scan 5219; 778.4 mz; 8.5e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

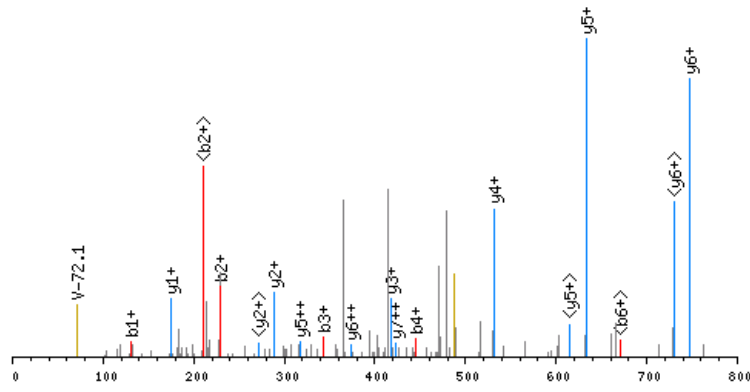
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
130.0504	1	S	22		
229.1188	2	V	21	2204.1021	1102.5550
300.1560	3	A	20	2105.0337	1053.0208
399.2244	4	V	19	2033.9966	1017.5022
470.2615	5	A	18	1934.9282	967.9680
567.3142	6	P	17	1863.8911	932.4495
666.3827	7	V	16	1766.8383	883.9231
737.4198	8	A	15	1667.7699	834.3889
836.4882	9	V	14	1596.7328	798.8703
973.5471	10	H	13	1497.6644	749.3361
1070.5999	11	P	12	1360.6055	680.8066
1185.6268	12	D	11	1263.5527	632.2803
1272.6588	13	S	10	1148.5258	574.7668
1403.6993	14	M	9	1061.4937	531.2508
1516.7834	15	L	8	930.4533	465.7305
1603.8154	16	S	7	817.3692	409.1885
1732.8580	17	E	6	730.3372	365.6725
1803.8951	18	A	5	601.2946	301.1512
1932.9377	19	E	4	530.2575	265.6326
2061.9803	20	E	3	401.2149	201.1113
2159.0331	21	P	2	272.1723	136.5900
	22	R	1	175.1195	88.0637

N-term:+43.02

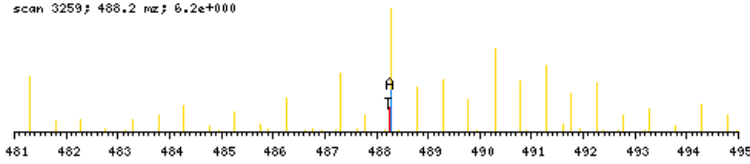
SVNTEDEL, MH+ 975.4747, m/z 488.2410
 L OSG41 P180811 230811-s1.03260.03260.2.dta

scan 3260; 5.4e-001



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

scan 3259; 488.2 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⁺
130.0504	1	S	8	
229.1188	2	V	7	846.4321
343.1618	3	N	6	747.3637
444.2094	4	T	5	633.3208
559.2364	5	D	4	532.2731
688.2790	6	E	3	417.2462
801.3630	7	L	2	288.2036
	8	R	1	175.1195

N-term:+43.02

SVPAFIDISEEDQAAELR, MH+ 2031.9875, m/z 678.0007
 L OSG41 P180811 230811-s1.07383.07383.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

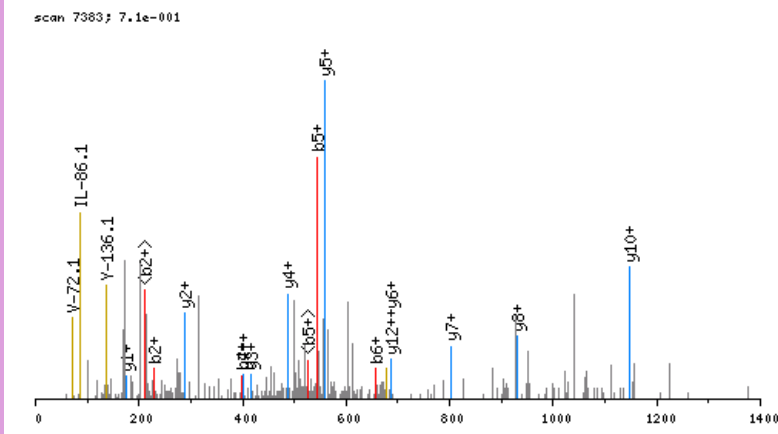
y + 2+ 3+

z + 2+ 3+

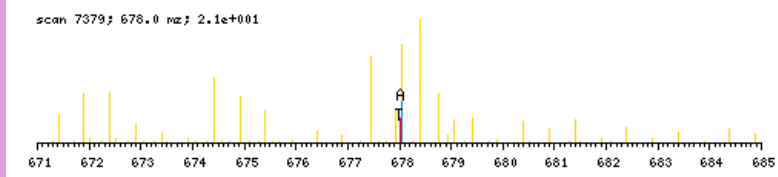
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
229.1188	2	V 17	1902.9449	951.9764
326.1716	3	P 16	1803.8765	902.4422
397.2087	4	A 15	1706.8237	853.9158
544.2771	5	F 14	1635.7866	818.3972
657.3612	6	I 13	1488.7182	744.8630
772.3881	7	D 12	1375.6341	688.3210
885.4722	8	I 11	1260.6072	630.8075
972.5042	9	S 10	1147.5231	574.2655
1101.5468	10	E 9	1060.4911	530.7495
1230.5894	11	E 8	931.4485	466.2282
1345.6164	12	D 7	802.4059	401.7069
1473.6749	13	Q 6	687.3790	344.1934
1544.7121	14	A 5	559.3204	280.1641
1615.7492	15	A 4	488.2833	244.6455
1744.7918	16	E 3	417.2462	209.1270
1857.8758	17	L 2	288.2036	144.6057
	18	R 1	175.1195	88.0637

N-term:+43.02

SVPLLTDAATVSGAER, MH+ 1628.8496, m/z 814.9284
 L OSG41 P180811 230811-s1.07086.07086.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

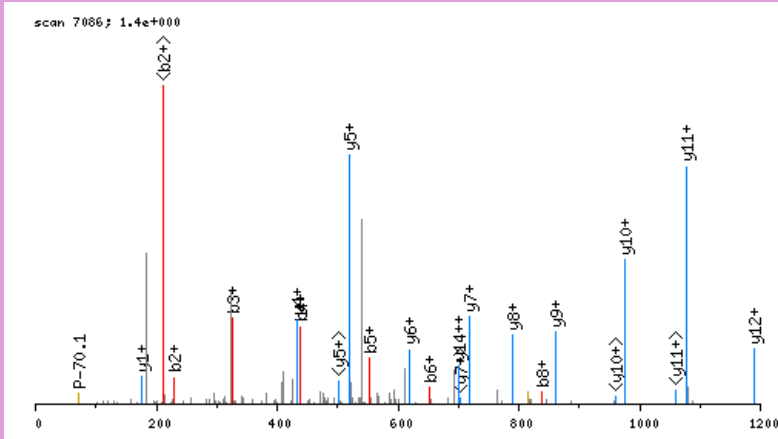
y + 2+ 3+

z + 2+ 3+

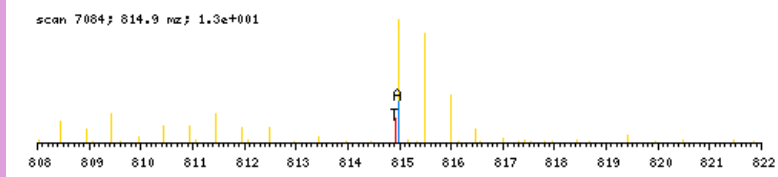
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

SVVSVETDDGTR, MH+ 1508.7080, m/z 754.8577
 L OSG41 P180811 230811-s1.03793.03793.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

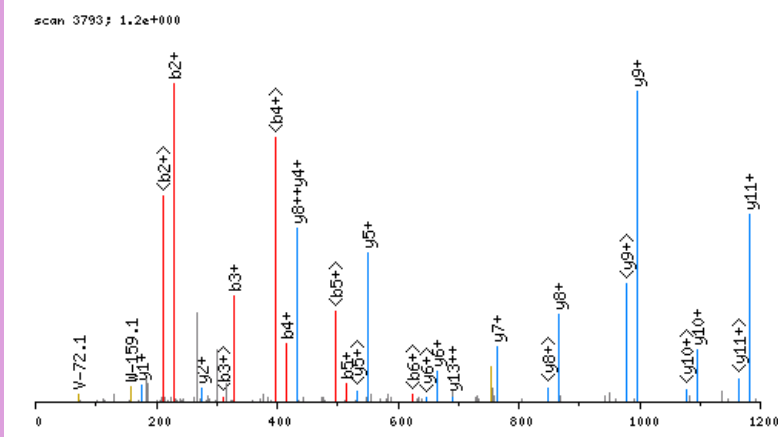
y + 2+ 3+

z + 2+ 3+

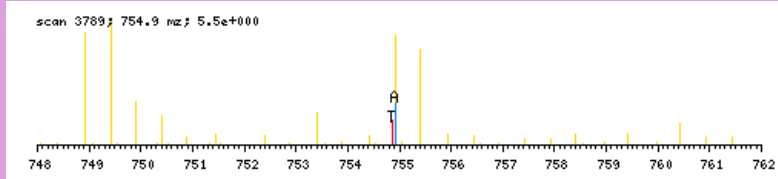
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
229.1188	2	V 13	1379.6654	690.3366
328.1873	3	V 12	1280.5970	640.8024
415.2193	4	S 11	1181.5286	591.2682
514.2877	5	V 10	1094.4966	547.7522
643.3303	6	E 9	995.4282	498.2180
744.3780	7	T 8	866.3856	433.6967
845.4256	8	T 7	765.3379	383.1729
960.4526	9	D 6	664.2902	332.6490
1075.4795	10	D 5	549.2633	275.1355
1132.5010	11	G 4	434.2363	217.6221
1233.5487	12	T 3	377.2149	189.1113
1334.5964	13	T 2	276.1672	138.5875
	14	R 1	175.1195	88.0637

N-term:+43.02

SVVTGGGEAAGGGGGGAR, MH+ 1515.7152, m/z 758.3612
 L OSG41 P180811 230811-s1.02626.02626.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

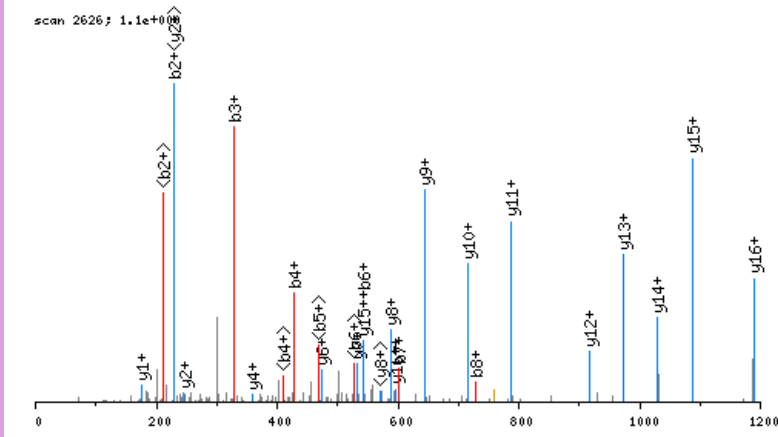
y + 2+ 3+

z + 2+ 3+

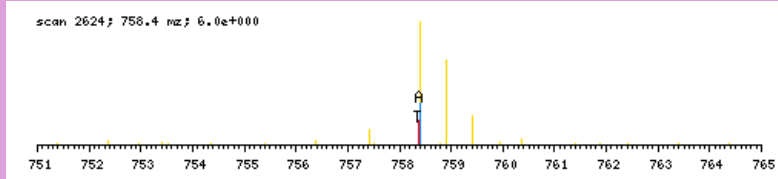
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	787.3811	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

SWFADLAGR, MH+ 1064.5165, m/z 532.7619
 L OSG41 P180811 230811-s1.07431.07431.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

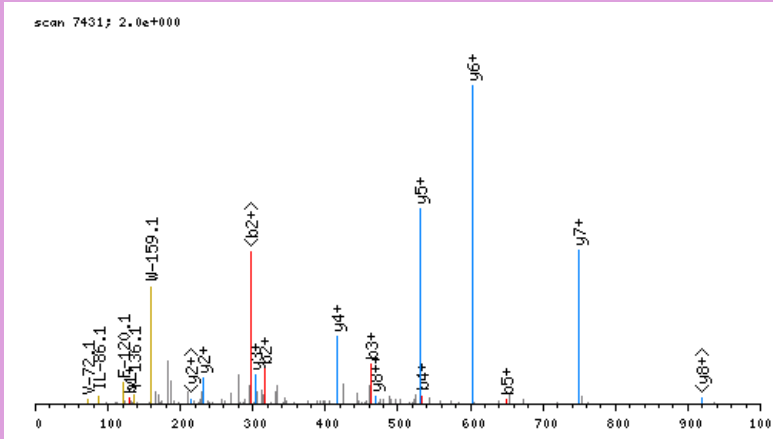
y + 2+ 3+

z + 2+ 3+

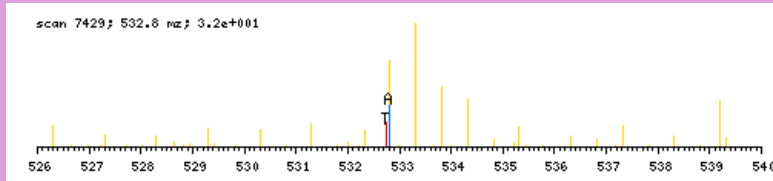
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	
316.1297	2	W	8	935.4739
463.1982	3	F	7	749.3946
534.2353	4	A	6	602.3262
649.2622	5	D	5	531.2891
762.3463	6	L	4	416.2621
833.3834	7	A	3	303.1781
890.4049	8	G	2	232.1410
	9	R	1	175.1195

N-term:+43.02

SYGPLDMYR, MH+ 1143.5145, m/z 572.2609
 L OSG41 P180811 230811-s1.06143.06143.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

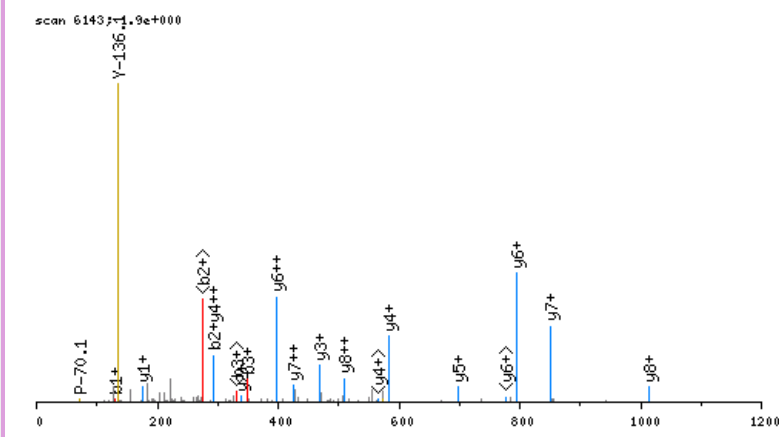
y + 2+ 3+

z + 2+ 3+

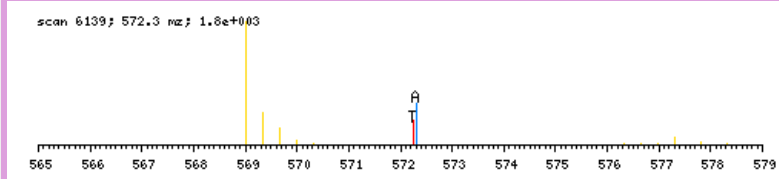
hide H₂O/NH₃

zoom 112-122

GO



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



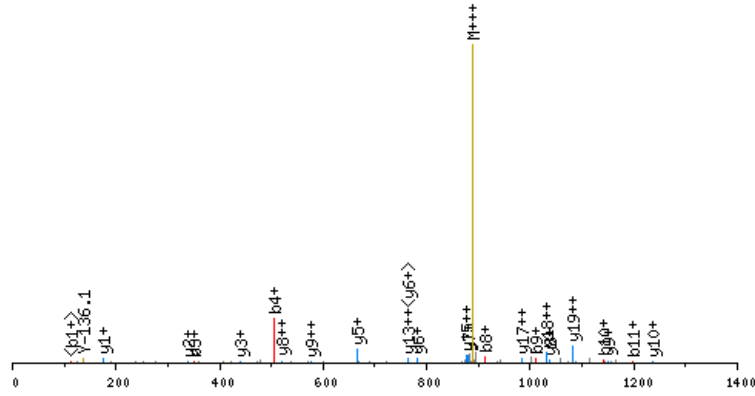
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

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

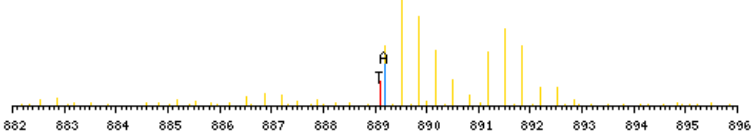
SYGRPPPDVEGMTSLKVDNLTYR, MH+ 2665.3296, m/z 889.1147
 L OSG38 P180811 230811-s1.06777.06777.3.dta

scan 6777; 1.3e+001



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

scan 6774; 889.1 m/z; 1.6e+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	23		
293.1138	2	Y	22	2536.2870	1268.6474
350.1352	3	G	21	2373.2237	1187.1158
506.2363	4	R	20	2316.2022	1158.6050
603.2891	5	P	19	2160.1011	1080.5545
700.3419	6	P	18	2063.0484	1032.0281
797.3946	7	P	17	1965.9956	983.5017
912.4216	8	D	16	1868.9428	934.9753
1011.4900	9	V	15	1753.9159	877.4619
1140.5326	10	E	14	1654.8475	827.9276
1197.5540	11	G	13	1525.8049	763.4064
1328.5945	12	M	12	1468.7834	734.8956
1429.6422	13	T	11	1337.7429	669.3754
1516.6742	14	S	10	1236.6952	618.8515
1629.7583	15	L	9	1149.6632	575.3355
1785.8846	16	K	8	1036.5792	518.7935
1884.9530	17	V	7	880.4529	440.7303
1999.9799	18	D	6	781.3844	391.1961
2114.0229	19	N	5	666.3575	333.6827
2227.1069	20	L	4	552.3146	276.6612
2328.1546	21	T	3	439.2305	220.1192
2491.2179	22	Y	2	338.1828	169.5953
	23	R	1	175.1195	88.0637

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

SYTPGIGGDSAQLAQR, MH+ 1662.8087, m/z 554.9411
 L OSG41 P180811 230811-s1.04666.04666.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

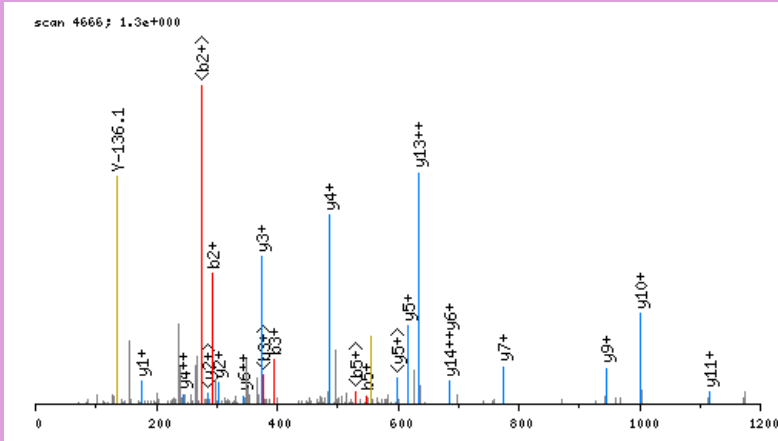
y + 2+ 3+

z + 2+ 3+

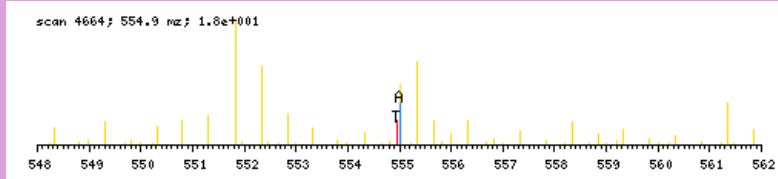
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 772.9073
 L OSG41 P180811 230811-s1.04818.04818.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

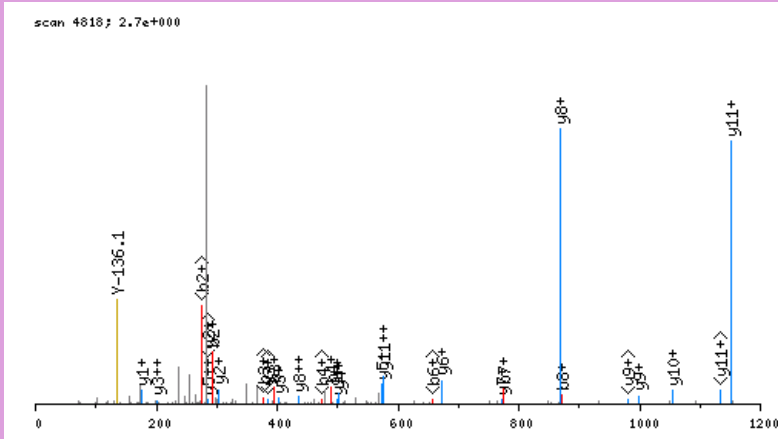
y + 2+ 3+

z + 2+ 3+

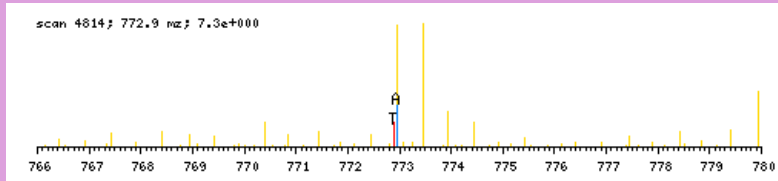
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

TAFFKTLR, MH+ 1059.6415, m/z 530.3244
 L OSG37 P180811 230811-s1.07086.07086.2.dta

scan 7086; 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+

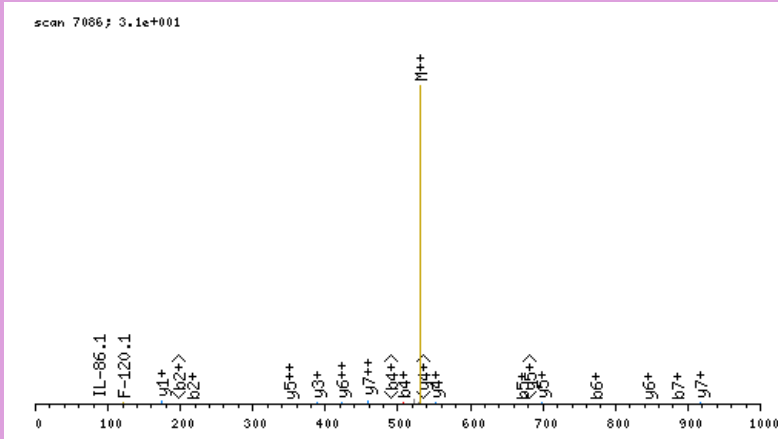
y + 2+ 3+

z + 2+ 3+

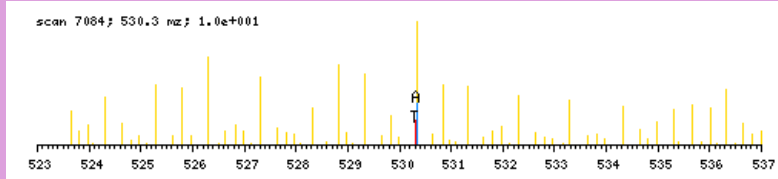
hide H₂O/NH₃

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⁺
144.0661	1	T 8		
215.1032	2	A 7	916.5833	458.7956
362.1716	3	F 6	845.5462	423.2770
509.2400	4	F 5	698.4778	349.7428
671.3981	5	K 4	551.4093	276.2086
772.4458	6	T 3	389.2512	195.1295
885.5299	7	L 2	288.2036	144.6057
	8	R 1	175.1195	88.0637

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

TAIKEIVSR, MH+ 1199.7364, m/z 600.3718
 L OSG37 P180811 230811-s1.08595.08595.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

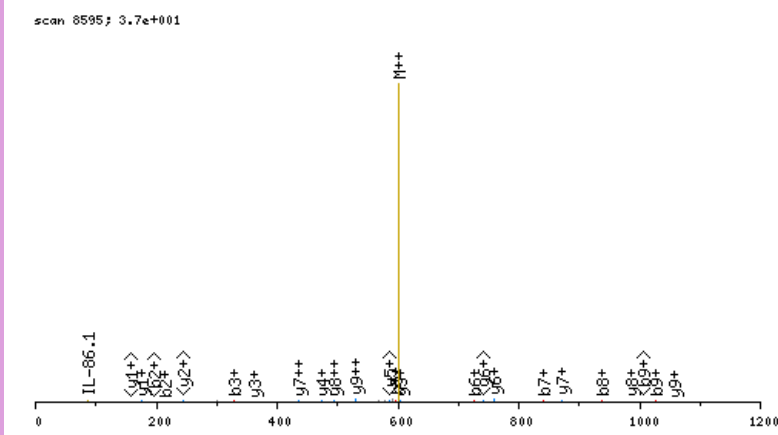
y + 2+ 3+

z + 2+ 3+

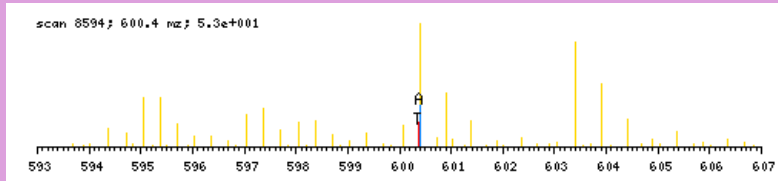
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

TATLRPYLSAVR, MH+ 1389.7854, m/z 695.3964
 L OSG37 P180811 230811-s1.06651.06651.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

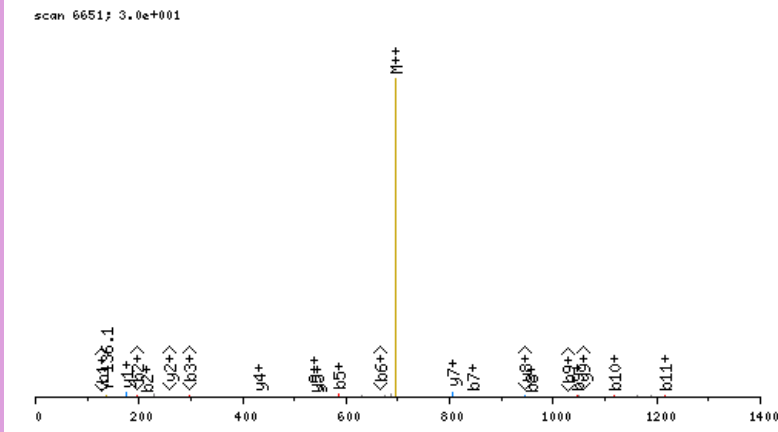
y + 2+ 3+

z + 2+ 3+

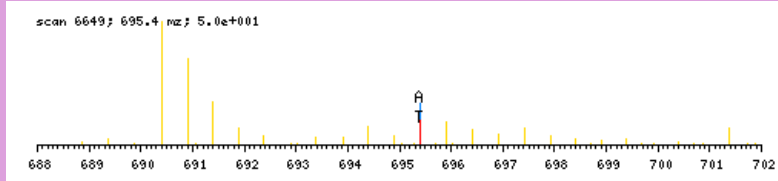
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
215.1032	2	A 11	1246.7272	623.8675
316.1509	3	T 10	1175.6901	588.3489
429.2349	4	L 9	1074.6424	537.8251
585.3360	5	R 8	961.5583	481.2831
682.3888	6	P 7	805.4572	403.2325
845.4521	7	Y 6	708.4044	354.7061
958.5362	8	L 5	545.3411	273.1745
1045.5682	9	S 4	432.2571	216.6324
1116.6053	10	A 3	345.2250	173.1164
1215.6738	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+

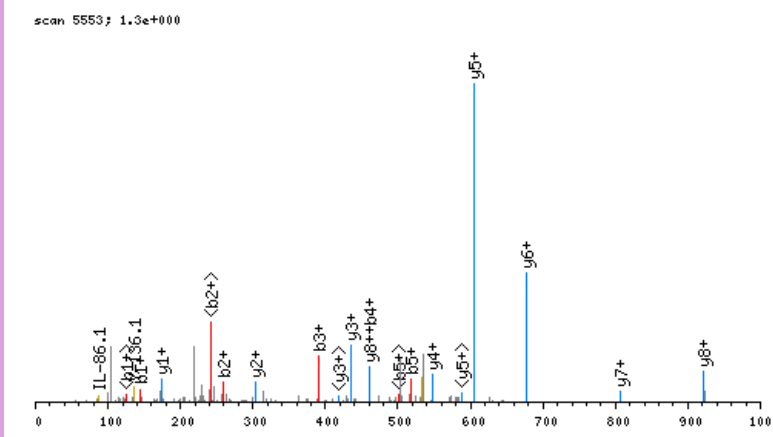
y + 2+ 3+

z + 2+ 3+

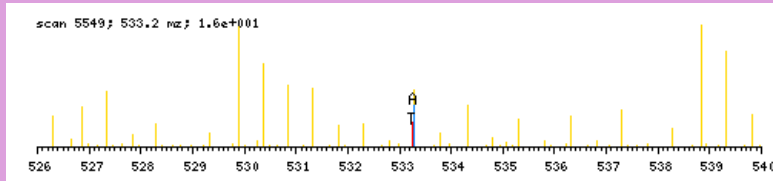
hide H₂O/NH₃

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⁺
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
 L OSG41 P180811 230811-s1.03336.03336.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

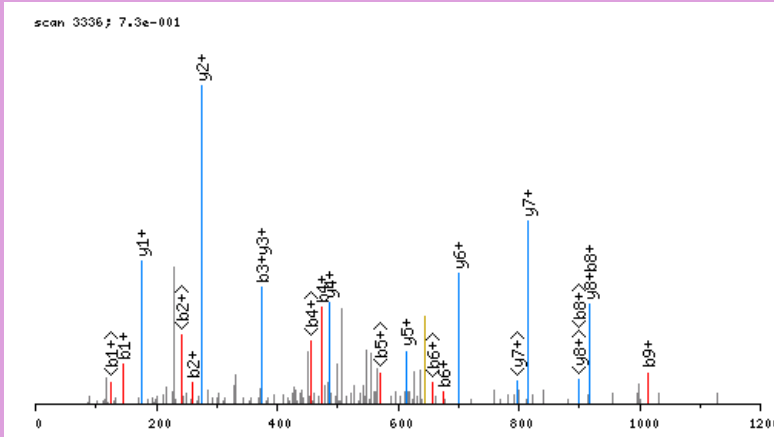
y + 2+ 3+

z + 2+ 3+

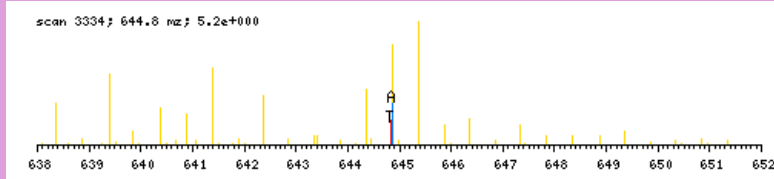
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
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
 L OSG41 P180811 230811-s1.07531.07531.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

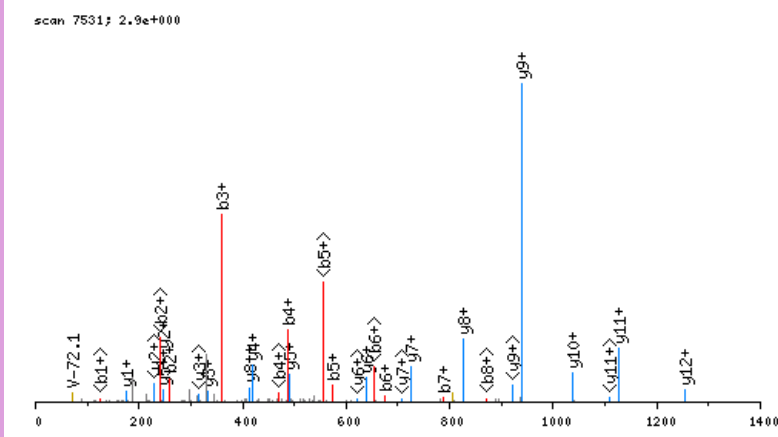
y + 2+ 3+

z + 2+ 3+

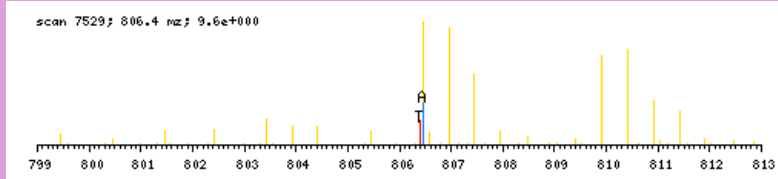
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG41 P180811 230811-s1.07238.07238.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

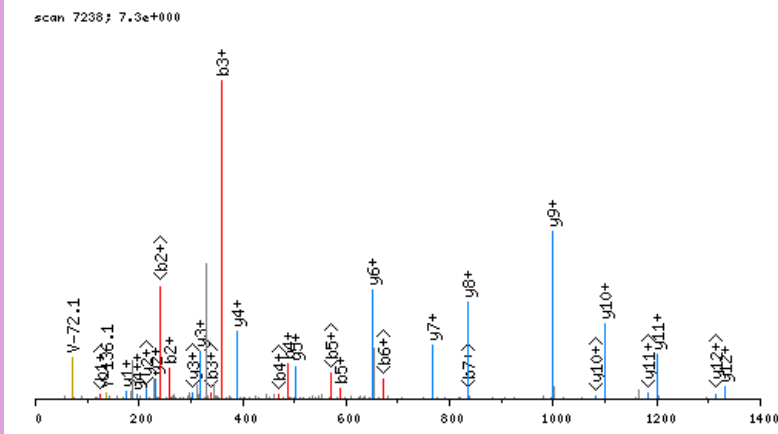
y + 2+ 3+

z + 2+ 3+

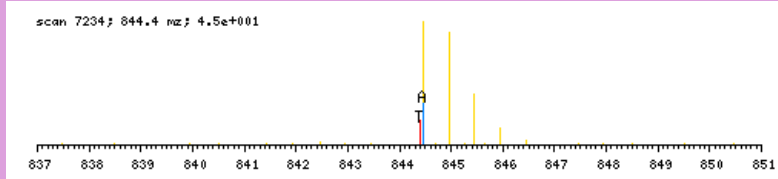
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG37 P180811 230811-s1.02352.02352.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

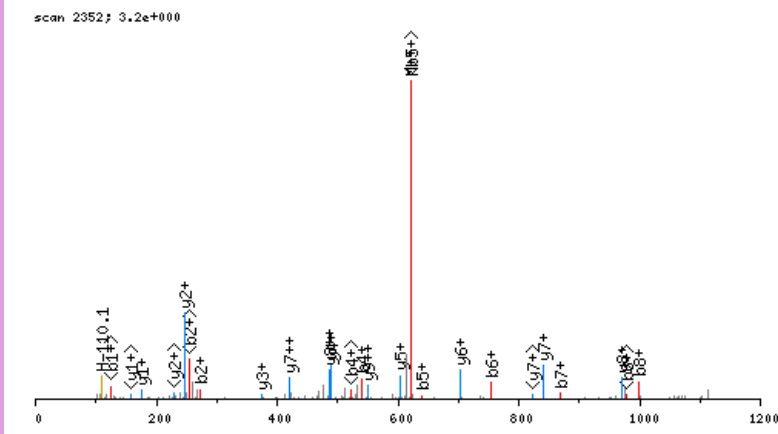
y + 2+ 3+

z + 2+ 3+

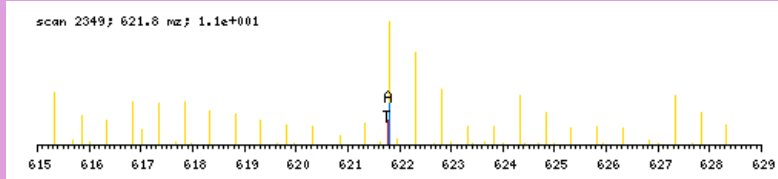
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
402.1513	3	E	8	970.4594
539.2102	4	H	7	841.4168
640.2579	5	T	6	704.3579
755.2848	6	D	5	603.3102
868.3689	7	L	4	488.2833
997.4115	8	E	3	375.1992
1068.4486	9	A	2	246.1566
	10	R	1	175.1195

N-term:+43.02

TEELITPVYCTGVSAQVQKKR, MH+ 2505.3387, m/z 835.7844
 L OSG39 P180811 230811-s1.05700.05700.3.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+

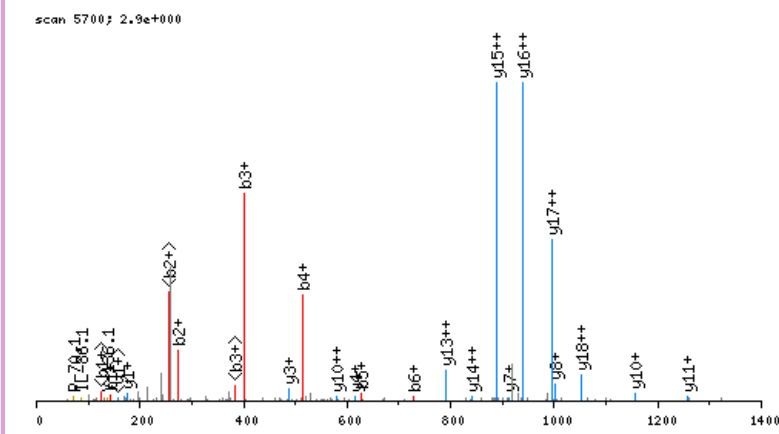
y + 2+ 3+

z + 2+ 3+

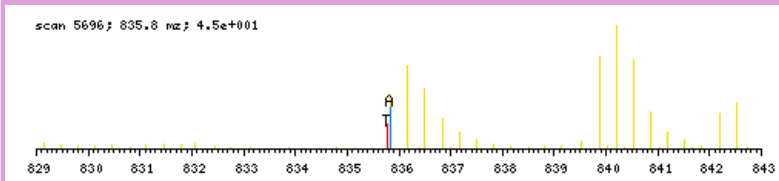
hide H₂O/NH₃

zoom 112-122

GO



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

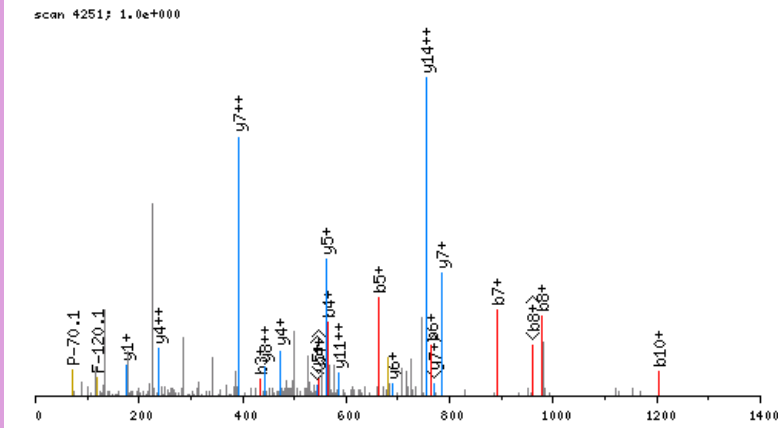


zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

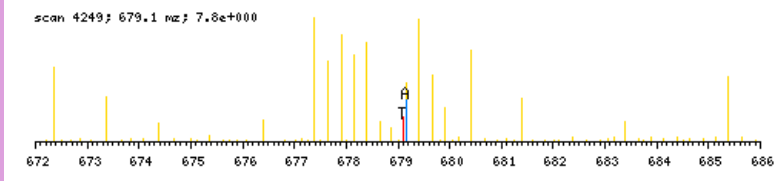
b ⁺	#	AA	#	y ⁺	y ²⁺
144.0661	1	T	21		
273.1087	2	E	20	2362.2805	1181.6441
402.1513	3	E	19	2233.2379	1117.1228
515.2353	4	L	18	2104.1953	1052.6016
628.3194	5	I	17	1991.1112	996.0595
729.3671	6	T	16	1878.0272	939.5175
826.4198	7	P	15	1776.9795	888.9936
925.4882	8	V	14	1679.9267	840.4673
1088.5516	9	Y	13	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

TEKEVVESPPPPFGETPQSGLQR, MH+ 2713.3897, m/z 679.1029
 L OSG36 P180811 230811-s1.04251.04251.4.dta



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



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
144.0661	1	T 24		
273.1087	2	E 23	2570.3315	1285.6697
435.2668	3	K 22	2441.2889	1221.1484
564.3094	4	E 21	2279.1308	1140.0693
663.3778	5	V 20	2150.0882	1075.5480
762.4462	6	V 19	2051.0198	1026.0138
891.4888	7	E 18	1951.9514	976.4796
978.5208	8	S 17	1822.9088	911.9583
1075.5736	9	P 16	1735.8768	868.4423
1203.6322	10	Q 15	1638.8240	819.9159
1300.6849	11	P 14	1510.7654	755.8866
1397.7377	12	P 13	1413.7127	707.3602
1544.8061	13	F 12	1316.6599	658.8339
1641.8589	14	P 11	1169.5915	585.2997
1698.8803	15	G 10	1072.5387	536.7733
1827.9229	16	E 9	1015.5172	508.2625
1928.9706	17	T 8	886.4747	443.7412
2026.0234	18	P 7	785.4270	393.2174
2154.0819	19	Q 6	688.3742	344.6910
2241.1140	20	S 5	560.3156	280.6617
2298.1354	21	G 4	473.2836	237.1457
2411.2195	22	L 3	416.2621	208.6350
2539.2781	23	Q 2	303.1781	152.0930
	24	R 1	175.1195	88.0637

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

TETDGFYKSR, MH+ 1279.6383, m/z 640.3228
 L OSG38 P180811 230811-s1.03395.03395.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

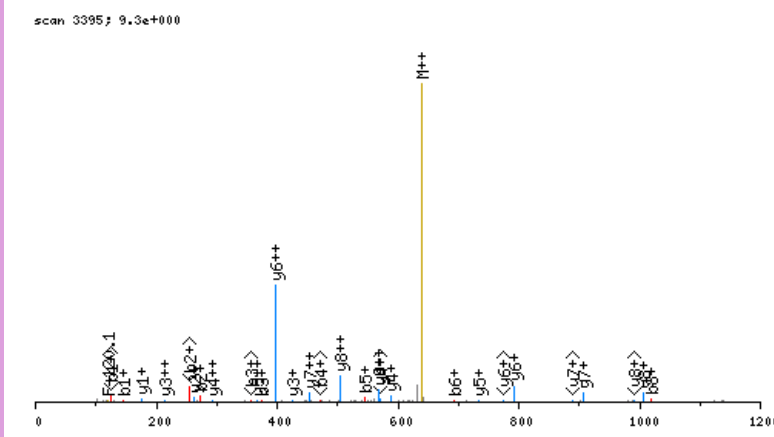
y + 2+ 3+

z + 2+ 3+

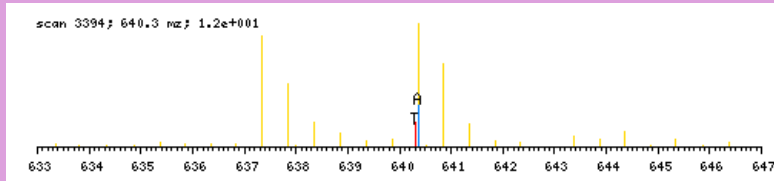
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1136.5801 568.7939
374.1564	3	T	8	1007.5375 504.2726
489.1833	4	D	7	906.4898 453.7488
546.2048	5	G	6	791.4628 396.2353
693.2732	6	F	5	734.4414 367.7246
856.3365	7	Y	4	587.3730 294.1904
1018.4946	8	K	3	424.3096 212.6587
1105.5266	9	S	2	262.1515 131.5797
	10	R	1	175.1195 88.0637

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

THSSQDAGSHGIQEEGR, MH+ 1837.8065, m/z 613.2737
 L OSG40 P180811 230811-s1.01925.01925.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

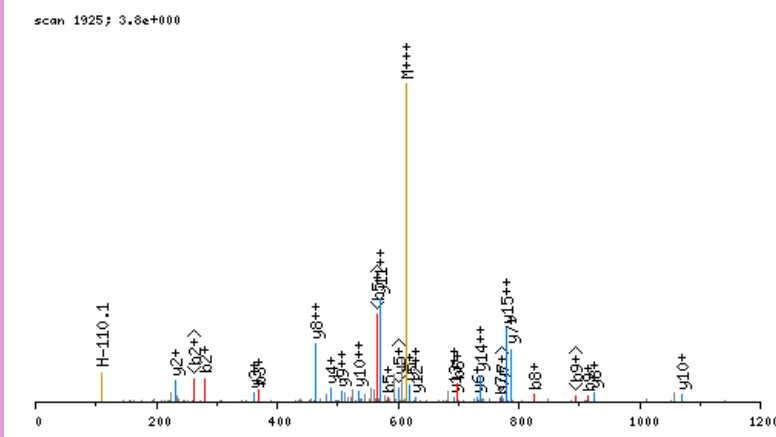
y + 2+ 3+

z + 2+ 3+

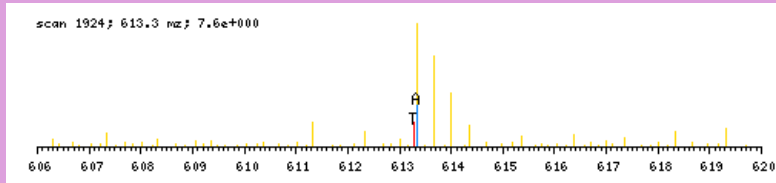
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

TKEIDLVR, MH+ 1163.6849, m/z 582.3461
 L OSG38 P180811 230811-s1.04843.04843.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

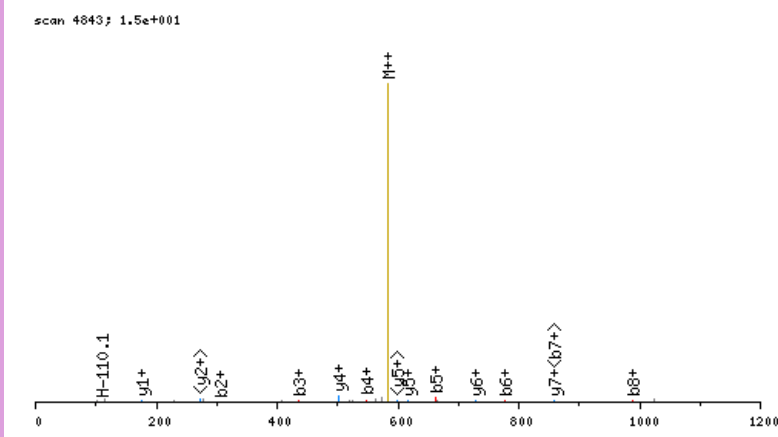
y + 2+ 3+

z + 2+ 3+

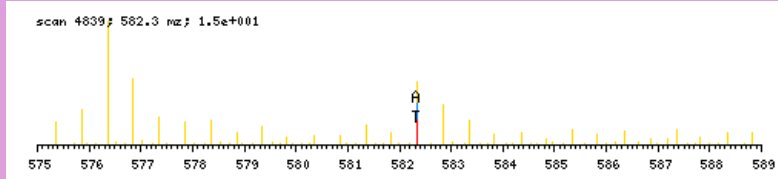
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
306.2242	2	K 8	1020.6266	510.8172
435.2668	3	E 7	858.4685	429.7382
548.3508	4	I 6	729.4259	365.2169
663.3778	5	D 5	616.3418	308.6748
776.4618	6	L 4	501.3149	251.1614
875.5303	7	V 3	388.2308	194.6193
989.5732	8	N 2	289.1624	145.0851
	9	R 1	175.1195	88.0637

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

TLKSSEGGGNSMR, MH+ 1522.7172, m/z 508.2439
 L OSG37 P180811 230811-s1.02335.02335.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

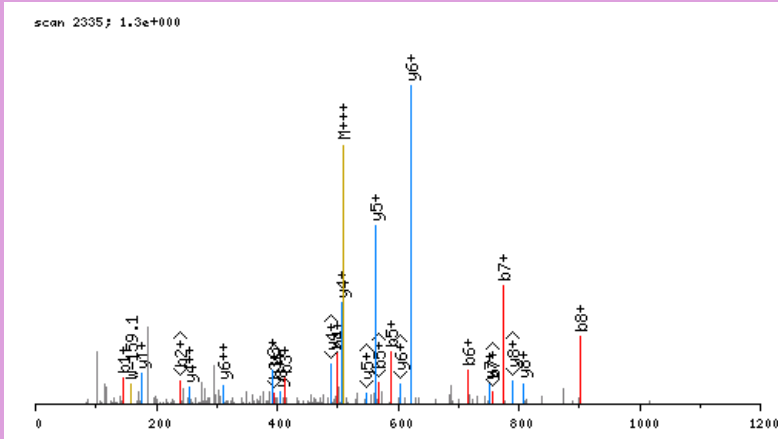
y + 2+ 3+

z + 2+ 3+

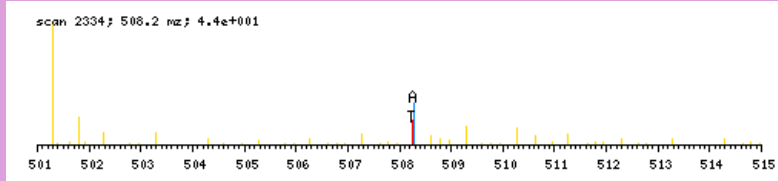
hide H₂O/NH₃

zoom 112-122

GO



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



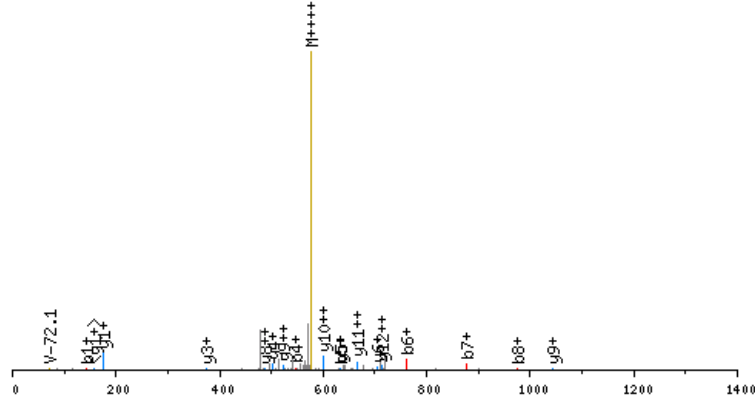
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
144.0661	1	T	14	
257.1501	2	L	13	1379.6589 690.3334
413.2764	3	K	12	1266.5749 633.7914
500.3085	4	S	11	1110.4486 555.7282
587.3405	5	S	10	1023.4165 512.2122
716.3831	6	E	9	936.3845 468.6962
773.4046	7	G	8	807.3419 404.1749
902.4471	8	E	7	750.3205 375.6641
959.4686	9	G	6	621.2779 311.1428
1016.4901	10	G	5	564.2564 282.6321
1130.5330	11	N	4	507.2349 254.1214
1217.5650	12	S	3	393.1920 197.0999
1348.6055	13	M	2	306.1600 153.5839
	14	R	1	175.1195 88.0637

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

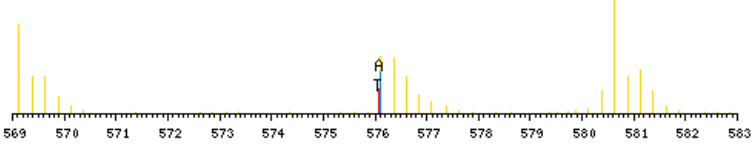
TMDKSELVQKAKLAEQAEER, MH+ 2301.2489, m/z 576.0677
 L OSG40 P180811 230811-s1.05930.05930.4.dta

scan 5930; 3.0e+001



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

scan 5929; 576.1 Hz; 7.7e+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

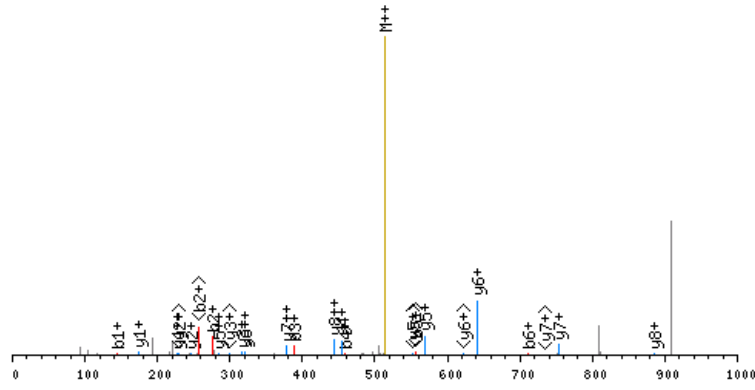
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
144.0661	1	T	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

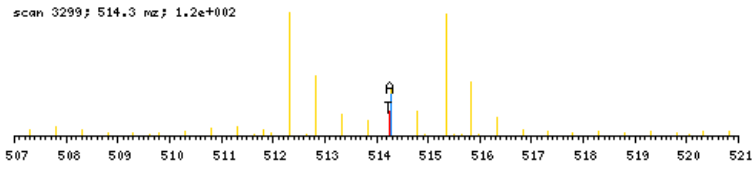
TMLADHAAR, MH+ 1027.4995, m/z 514.2534
 L OSG37 P180811 230811-s1.03300.03300.2.dta

scan 3300; 2.5e+001



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

scan 3299; 514.3 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⁺
144.0661	1	T	9	
275.1066	2	M	8	884.4412 442.7245
388.1906	3	L	7	753.4008 377.2043
459.2277	4	A	6	640.3167 320.6623
574.2547	5	D	5	569.2796 285.1437
711.3136	6	H	4	454.2526 227.6302
782.3507	7	A	3	317.1937 159.1008
853.3878	8	A	2	246.1566 123.5822
	9	R	1	175.1195 88.0637

N-term:+43.02

TQEEAGRLPQVLAR, MH+ 1609.8662, m/z 537.2936
 L OSG37 P180811 230811-s1.05668.05668.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

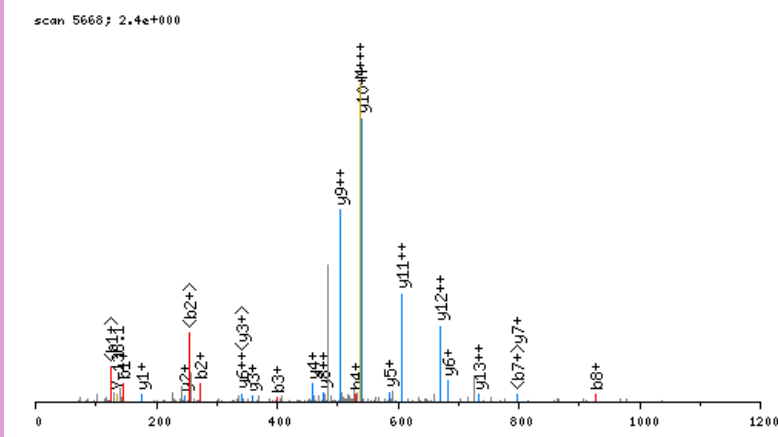
y + 2+ 3+

z + 2+ 3+

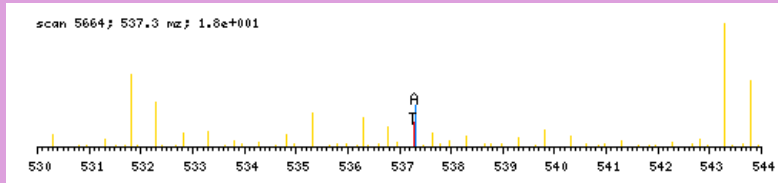
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	14		
272.1247	2	Q	13	1466.8080	733.9079
401.1672	3	E	12	1338.7494	669.8786
530.2098	4	E	11	1209.7068	605.3573
601.2470	5	A	10	1080.6642	540.8360
658.2684	6	G	9	1009.6271	505.3174
814.3695	7	R	8	952.6056	476.8067
927.4536	8	L	7	796.5045	398.7562
1024.5064	9	P	6	683.4204	342.2141
1152.5649	10	Q	5	586.3677	293.6877
1251.6334	11	V	4	458.3091	229.6585
1364.7174	12	L	3	359.2407	180.1243
1435.7545	13	A	2	246.1566	123.5822
	14	R	1	175.1195	88.0637

N-term:+43.02

TQEYDNKRPVLVLQNEALYPQR, MH+ 2744.4372, m/z 686.8648
 L OSG38 P180811 230811-s1.06436.06436.4.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

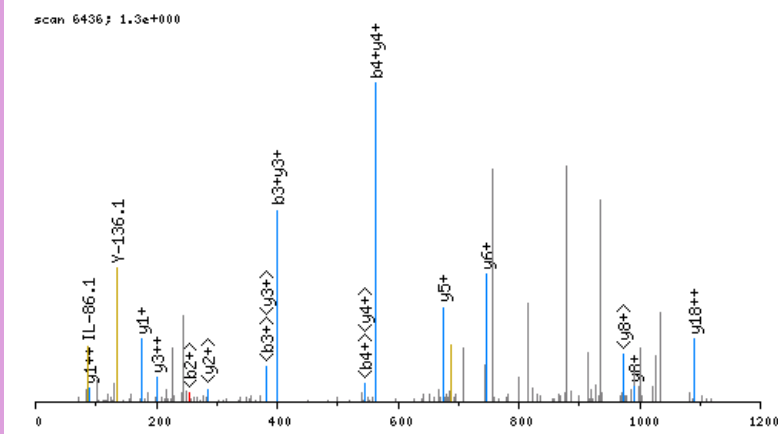
y + 2+ 3+

z + 2+ 3+

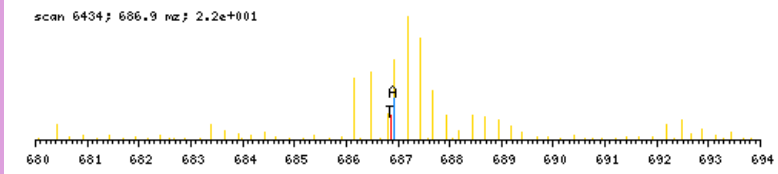
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 22		
272.1247	2	Q 21	2601.3789	1301.1934
401.1672	3	E 20	2473.3204	1237.1641
564.2306	4	Y 19	2344.2778	1172.6428
679.2575	5	D 18	2181.2144	1091.1111
793.3004	6	N 17	2066.1875	1033.5977
949.4267	7	K 16	1952.1446	976.5762
1105.5279	8	R 15	1796.0183	898.5131
1202.5806	9	P 14	1639.9172	820.4625
1301.6490	10	V 13	1542.8644	771.9361
1414.7331	11	L 12	1443.7960	722.4019
1513.8015	12	V 11	1330.7119	665.8599
1626.8856	13	L 10	1231.6435	616.3257
1754.9442	14	Q 9	1118.5594	559.7836
1868.9871	15	N 8	990.5009	495.7543
1998.0297	16	E 7	876.4579	438.7329
2069.0668	17	A 6	747.4153	374.2116
2182.1509	18	L 5	676.3782	338.6930
2345.2142	19	Y 4	563.2942	282.1510
2442.2669	20	P 3	400.2308	200.6193
2570.3255	21	Q 2	303.1781	152.0930
	22	R 1	175.1195	88.0637

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

TSALENYINR, MH+ 1222.6068, m/z 611.8070
 L OSG41 P180811 230811-s1.06085.06085.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

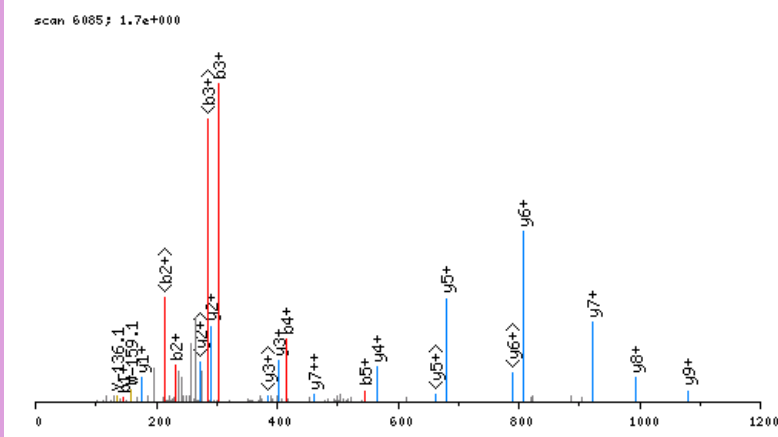
y + 2+ 3+

z + 2+ 3+

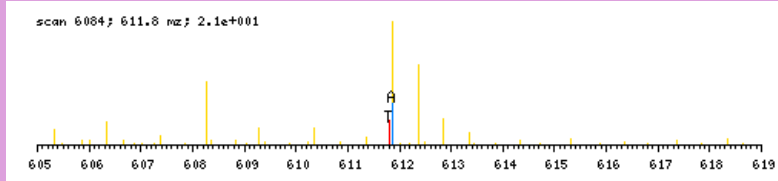
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	540.2782
302.1352	3	A	8	992.5165	496.7622
415.2193	4	L	7	921.4794	461.2436
544.2619	5	E	6	808.3953	404.7016
658.3048	6	N	5	679.3527	340.1803
821.3681	7	Y	4	565.3098	283.1588
934.4522	8	I	3	402.2465	201.6272
1048.4951	9	N	2	289.1624	145.0851
	10	R	1	175.1195	88.0637

N-term:+43.02

TSPEGAQNKEIDCLSPEAQR, MH+ 2300.0829, m/z 767.3658
 L OSG36 P180811 230811-s1.03406.03406.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

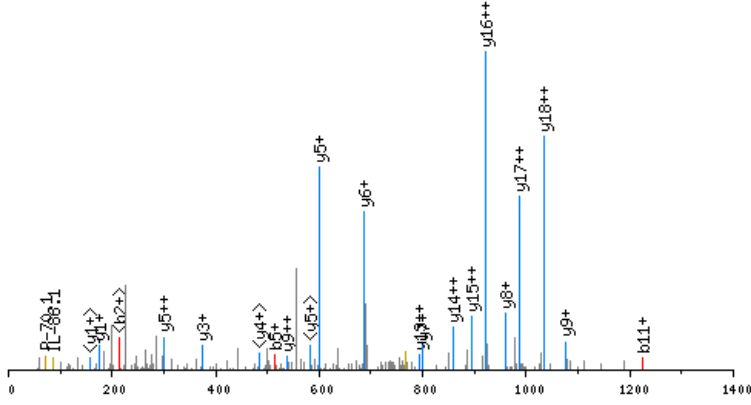
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

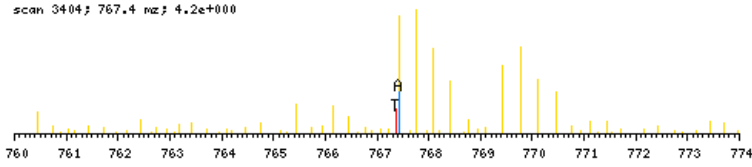
GO

scan 3406; 1.4e+000



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

scan 3404; 767.4 m/z; 4.2e+000



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

b ⁺	#	AA	#	y ⁺	y ²⁺
144.0661	1	T	20		
231.0981	2	S	19	2157.0246	1079.0162
328.1509	3	P	18	2069.9926	1035.5002
457.1935	4	E	17	1972.9398	986.9738
514.2149	5	G	16	1843.8972	922.4525
585.2520	6	A	15	1786.8758	893.9418
713.3106	7	Q	14	1715.8386	858.4232
827.3535	8	N	13	1587.7801	794.3939
983.4798	9	K	12	1473.7371	737.3725
1112.5224	10	E	11	1317.6108	659.3093
1225.6065	11	I	10	1188.5682	594.7880
1340.6334	12	D	9	1075.4842	538.2460
1500.6640	13	C	8	960.4572	480.7325
1613.7481	14	L	7	800.4266	400.7172
1700.7801	15	S	6	687.3426	344.1752
1797.8329	16	P	5	600.3105	300.6592
1926.8755	17	E	4	503.2578	252.1328
1997.9126	18	A	3	374.2152	187.6115
2125.9712	19	Q	2	303.1781	152.0930
	20	R	1	175.1195	88.0637

N-term:+43.02 K(9):+156.13
 C(13):+160.03

TSSYGHVLER, MH+ 1190.5806, m/z 595.7939
 L OSG37 P180811 230811-s1.03810.03810.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

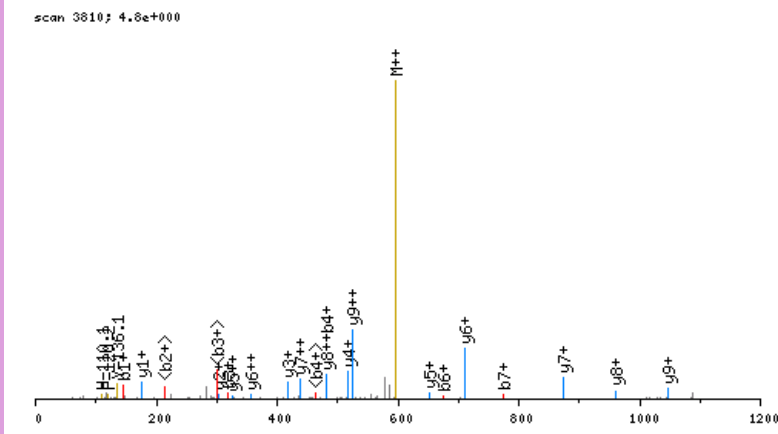
y + 2+ 3+

z + 2+ 3+

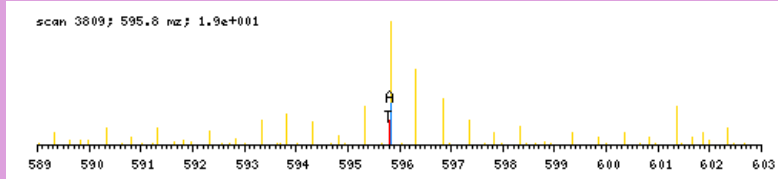
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG39 P180811 230811-s1.04428.04428.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

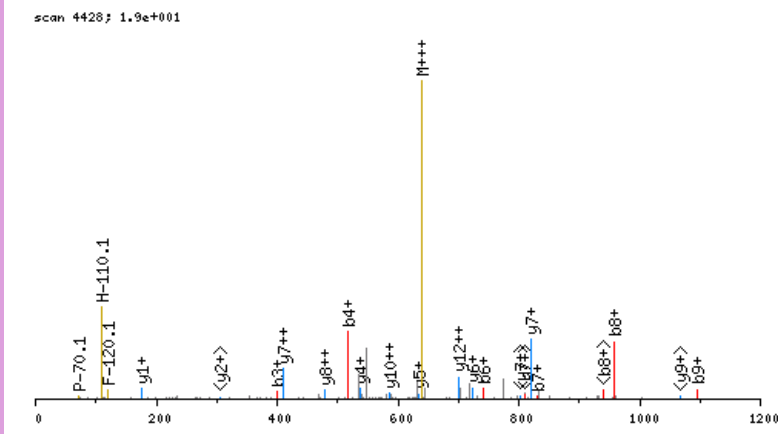
y + 2+ 3+

z + 2+ 3+

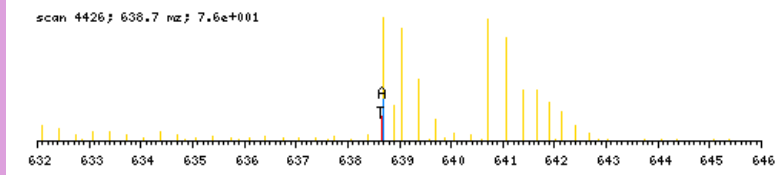
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

TTNTVPLHPYWPR, MH+ 1623.8284, m/z 541.9476
 L OSG37 P180811 230811-s1.06771.06771.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

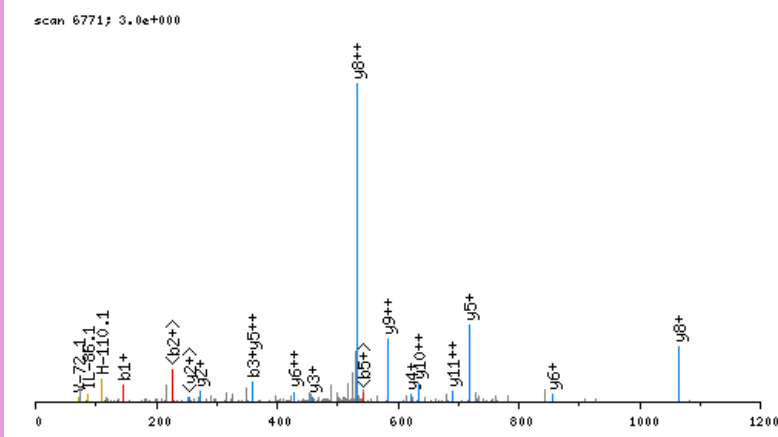
y + 2+ 3+

z + 2+ 3+

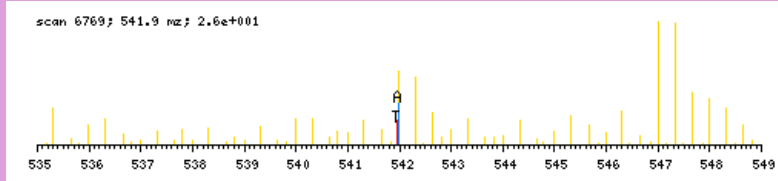
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1480.7701	740.8890
359.1567	3	N 11	1379.7224	690.3651
460.2044	4	T 10	1265.6795	633.3437
559.2728	5	V 9	1164.6318	582.8198
656.3255	6	P 8	1065.5634	533.2856
769.4096	7	L 7	968.5106	484.7592
906.4685	8	H 6	855.4266	428.2172
1003.5213	9	P 5	718.3677	359.6877
1166.5846	10	Y 4	621.3149	311.1614
1352.6639	11	W 3	458.2516	229.6297
1449.7167	12	P 2	272.1723	136.5900
	13	R 1	175.1195	88.0637

N-term:+43.02

TTQQIVLQGGPGWGER, MH+ 1826.9554, m/z 609.6566
 L OSG41 P180811 230811-s1.07265.07265.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

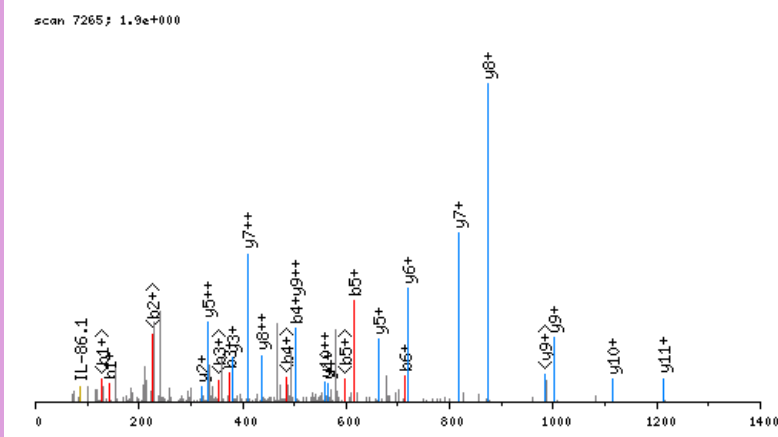
y + 2+ 3+

z + 2+ 3+

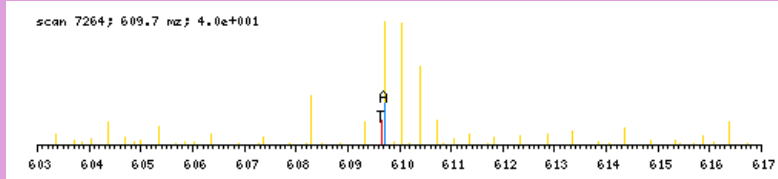
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG41 P180811 230811-s1.07195.07195.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

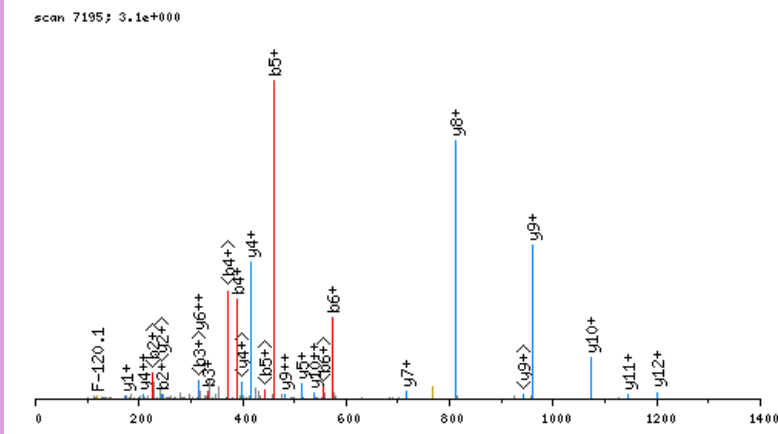
y + 2+ 3+

z + 2+ 3+

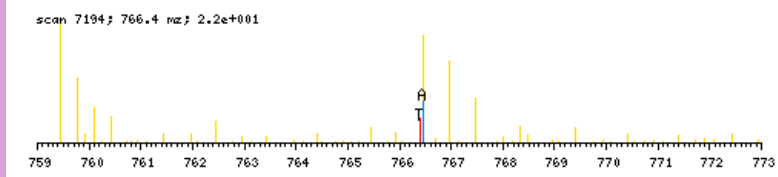
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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		
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

TTSLQDQSAAGR, MH+ 1333.6348, m/z 667.3210
 L OSG41 P180811 230811-s1.02650.02650.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

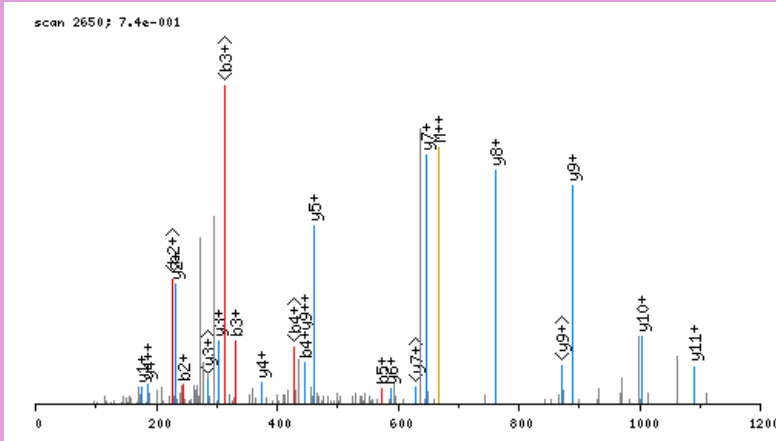
y + 2+ 3+

z + 2+ 3+

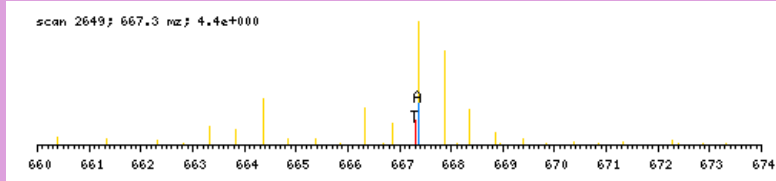
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	1190.5766	595.7922
332.1458	3	S 11	1089.5289	545.2683
445.2298	4	L 10	1002.4968	501.7523
573.2884	5	Q 9	889.4128	445.2103
688.3154	6	D 8	761.3542	381.1810
745.3368	7	G 7	646.3273	323.6675
873.3954	8	Q 6	589.3058	295.1568
960.4274	9	S 5	461.2472	231.1275
1031.4646	10	A 4	374.2152	187.6115
1102.5017	11	A 3	303.1781	152.0930
1159.5231	12	G 2	232.1410	116.5744
	13	R 1	175.1195	88.0637

N-term:+43.02

TTTTTFKGVDPNSR, MH+ 1594.8077, m/z 532.2741
 L OSG37 P180811 230811-s1.04013.04013.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

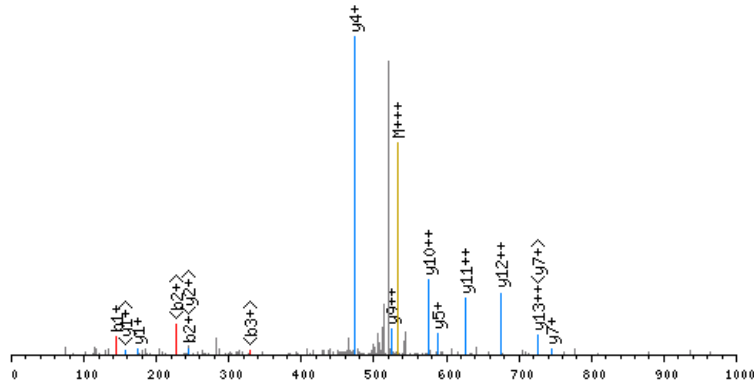
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

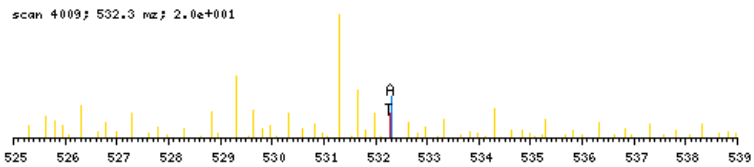
GO

scan 4013; 2.5e+000



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

scan 4009; 532.3 m/z; 2.0e+001



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

b ⁺	#	AA #	y ⁺	y ²⁺
144.0661	1	T 14		
245.1138	2	T 13	1451.7495	726.3786
346.1614	3	T 12	1350.7018	675.8548
447.2091	4	T 11	1249.6541	625.3310
548.2568	5	T 10	1148.6064	574.8071
695.3252	6	F 9	1047.5588	524.2833
851.4515	7	K 8	900.4903	450.7491
908.4730	8	G 7	744.3640	372.6859
1007.5414	9	V 6	687.3426	344.1752
1122.5683	10	D 5	588.2742	294.6410
1219.6211	11	P 4	473.2472	237.1275
1333.6640	12	N 3	376.1945	188.6011
1420.6960	13	S 2	262.1515	131.5797
	14	R 1	175.1195	88.0637

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

TTYLEFIQQNEER, MH+ 1712.8132, m/z 856.9102
 L OSG41 P180811 230811-s1.07280.07280.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

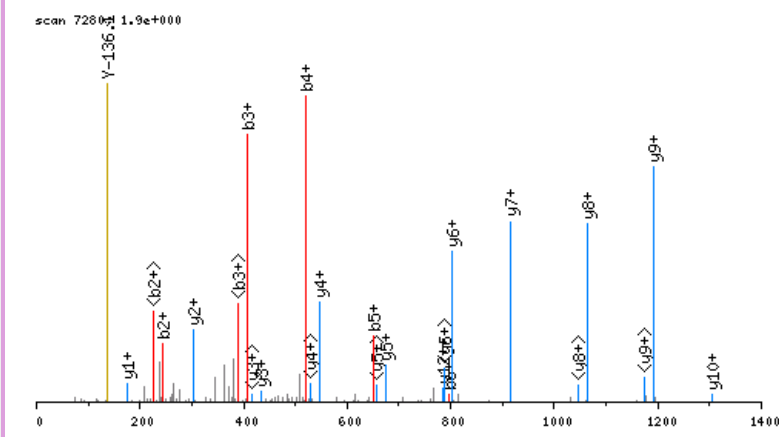
y + 2+ 3+

z + 2+ 3+

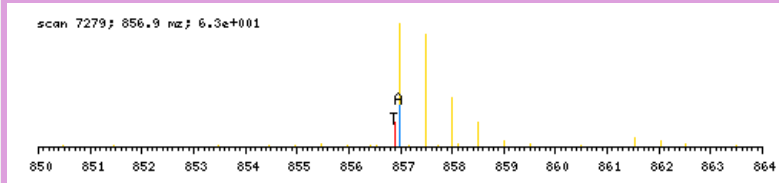
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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

TVLSGGSTMYPGIADR, MH+ 1666.8111, m/z 556.2752
 L OSG37 P180811 230811-s1.05757.05757.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

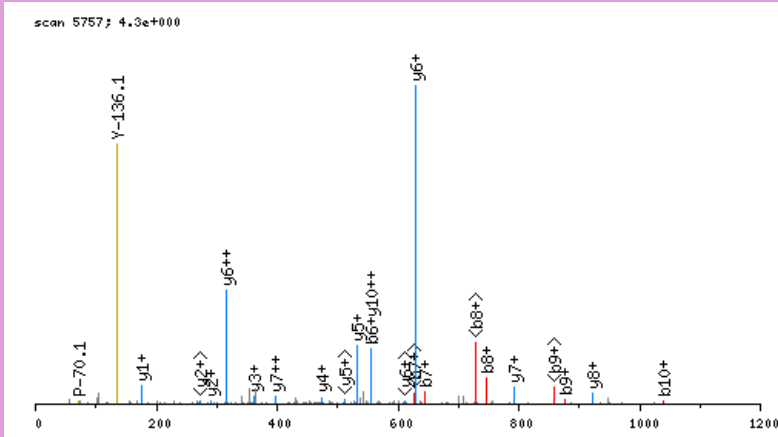
y + 2+ 3+

z + 2+ 3+

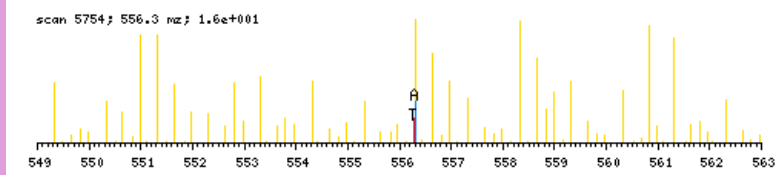
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
 L OSG41 P180811 230811-s1.03991.03991.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

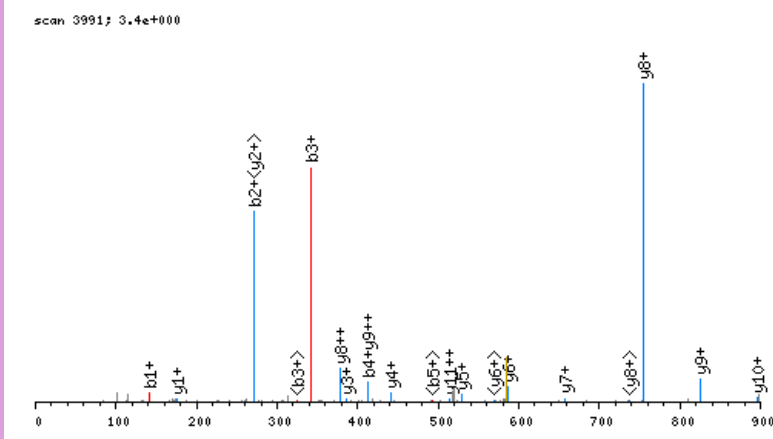
y + 2+ 3+

z + 2+ 3+

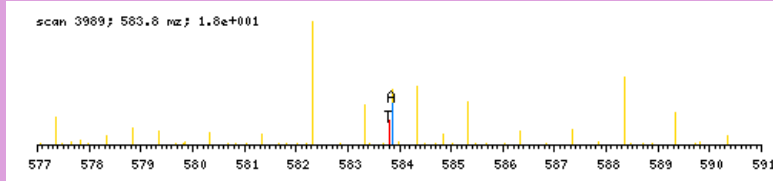
hide H₂O/NH₃

zoom 112-122

GO



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



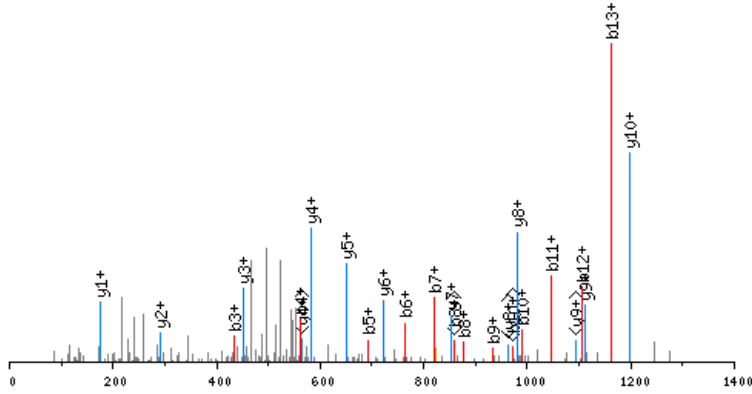
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA	#	y ⁺	y ²⁺
142.0868	1	V	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

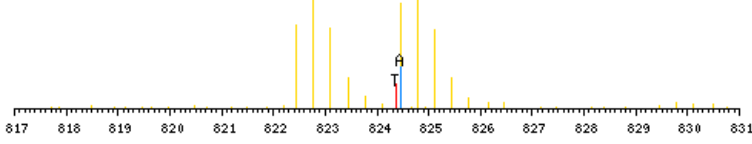
VEKEEAGGGGGGISEEEAAQYDR, MH+ 2471.1387, m/z 824.3844
 L OSG36 P180811 230811-s1.03315.03315.3.dta

scan 3315; 1.3e+000



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

scan 3314; 824.4 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	24		
271.1294	2	E	23	2330.0597	1165.5338
433.2875	3	K	22	2201.0171	1101.0125
562.3301	4	E	21	2038.8590	1019.9334
691.3727	5	E	20	1909.8164	955.4121
762.4098	6	A	19	1780.7738	890.8908
819.4313	7	G	18	1709.7367	855.3723
876.4527	8	G	17	1652.7152	826.8615
933.4742	9	G	16	1595.6938	798.3508
990.4957	10	G	15	1538.6723	769.8401
1047.5171	11	G	14	1481.6508	741.3293
1104.5386	12	G	13	1424.6294	712.8186
1161.5601	13	G	12	1367.6079	684.3079
1274.6441	14	I	11	1310.5864	655.7971
1361.6761	15	S	10	1197.5024	599.2551
1490.7187	16	E	9	1110.4704	555.7391
1619.7613	17	E	8	981.4278	491.2178
1748.8039	18	E	7	852.3852	426.6965
1819.8410	19	A	6	723.3426	362.1752
1890.8782	20	A	5	652.3055	326.6566
2018.9367	21	Q	4	581.2683	291.1381
2182.0001	22	Y	3	453.2098	227.1088
2297.0270	23	D	2	290.1464	145.5771
	24	R	1	175.1195	88.0637

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

VELFISTTPDSRKR, MH+ 1718.9442, m/z 573.6529
 L OSG39 P180811 230811-s1.09319.09319.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

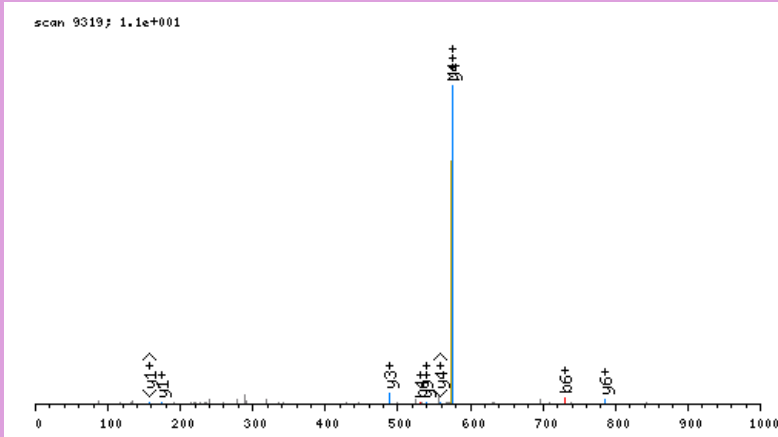
y + 2+ 3+

z + 2+ 3+

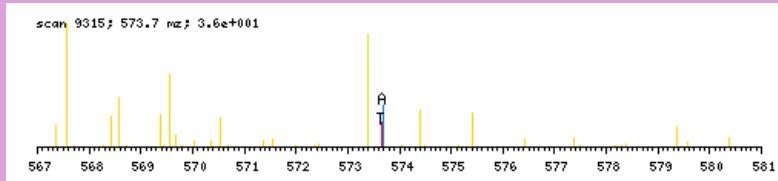
hide H₂O/NH₃

zoom 112-122

GO



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



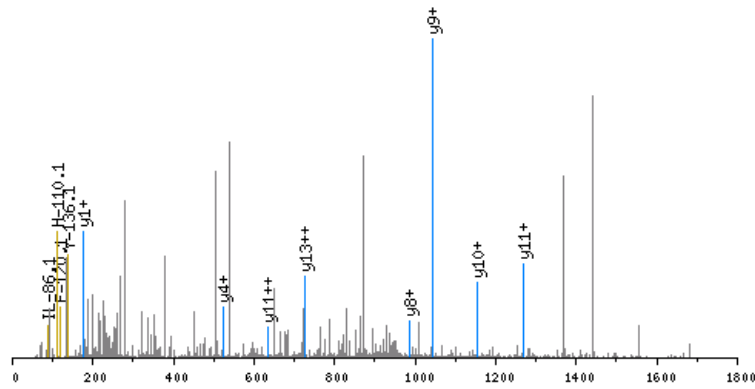
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.0868	1	V 14		
271.1294	2	E 13	1577.8652	789.4365
384.2135	3	L 12	1448.8226	724.9152
531.2819	4	F 11	1335.7385	668.3732
644.3659	5	I 10	1188.6701	594.8390
731.3980	6	S 9	1075.5860	538.2969
832.4457	7	T 8	988.5540	494.7809
933.4933	8	T 7	887.5063	444.2571
1030.5461	9	P 6	786.4586	393.7332
1145.5730	10	D 5	689.4059	345.2069
1232.6051	11	S 4	574.3789	287.6934
1388.7062	12	R 3	487.3469	244.1774
1544.8325	13	K 2	331.2458	166.1268
	14	R 1	175.1195	88.0637

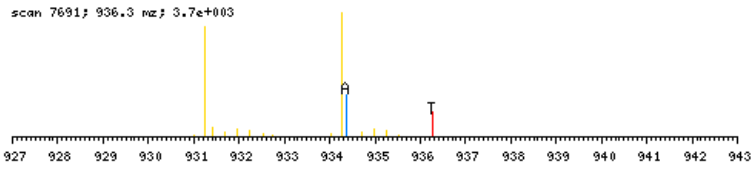
N-term:+43.02 K(13):+156.13

VKKMKLKTGKALNLGYALDYALR, MH+ 2806.8483, m/z 936.2876
 L OSG39 P180811 230811-sl.07693.07693.3.dta

scan 7693; 2.4e+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

b ⁺	#	AA #	y ⁺	y ²⁺
142.0868	1	V 23		
304.2449	2	K 22	2665.7693	1333.3886
466.4030	3	K 21	2503.6112	1252.3095
597.4435	4	M 20	2341.4531	1171.2305
759.6016	5	K 19	2210.4126	1105.7102
872.6857	6	L 18	2048.2545	1024.6312
1034.8438	7	K 17	1935.1704	968.0891
1135.8914	8	T 16	1773.0123	887.0101
1192.9129	9	G 15	1671.9647	836.4862
1355.0710	10	K 14	1614.9432	807.9755
1426.1081	11	A 13	1452.7851	726.8965
1539.1922	12	L 12	1381.7480	691.3779
1653.2351	13	N 11	1268.6639	634.8359
1766.3192	14	L 10	1154.6210	577.8144
1823.3406	15	G 9	1041.5369	521.2724
1986.4040	16	Y 8	984.5155	492.7616
2057.4411	17	A 7	821.4521	411.2300
2170.5251	18	L 6	750.4150	375.7114
2285.5521	19	D 5	637.3310	319.1694
2448.6154	20	Y 4	522.3040	261.6559
2519.6525	21	A 3	359.2407	180.1243
2632.7366	22	L 2	288.2036	144.6057
	23	R 1	175.1195	88.0637

N-term:+43.02 K(2):+162.16
 K(3):+162.16 K(5):+162.16 K(7):+162.16
 K(10):+162.16

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

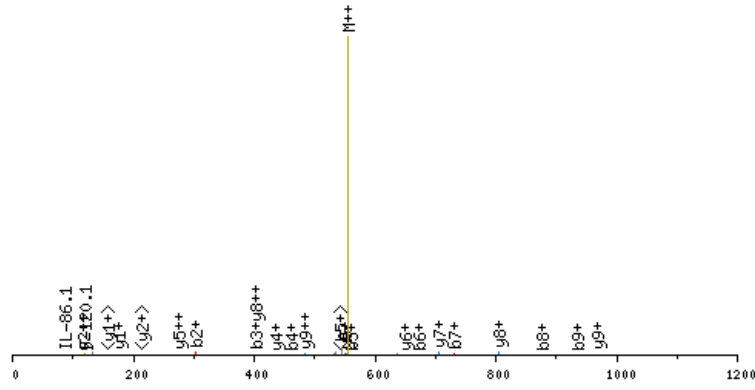
hide H₂O/NH₃

zoom 112-122

GO

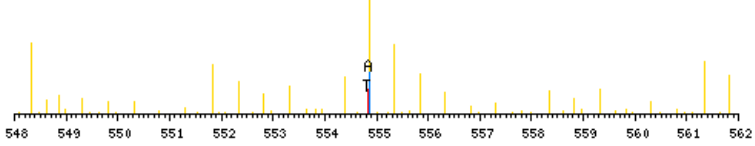
VKVGVNGFGR, MH+ 1108.6692, m/z 554.8382
 L OSG37 P180811 230811-s1.04990.04990.2.dta

scan 4990; 3.4e+001



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

scan 4989; 554.8 m/z; 3.3e+001



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

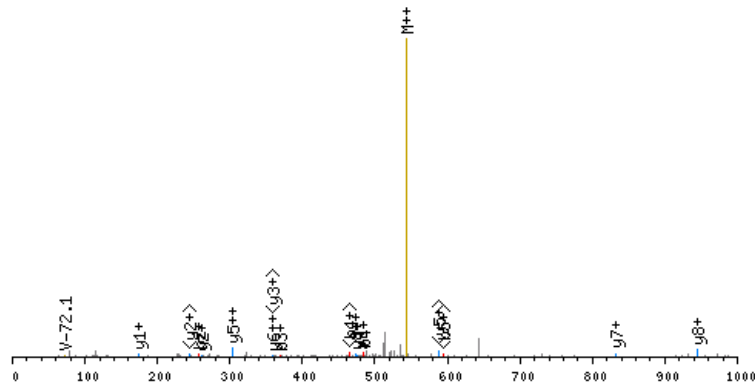
GO

b ⁺	#	AA	#	y ⁺	y ²⁺
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

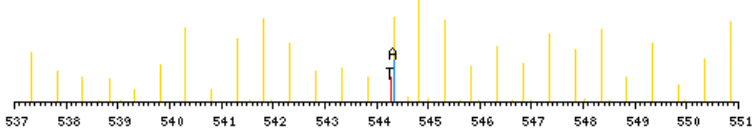
VNNLEVDSR, MH+ 1087.5384, m/z 544.2728
 L OSG38 P180811 230811-s1.03373.03373.2.dta

scan 3373; 4.7e+000



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

scan 3369; 544.3 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⁺
142.0868	1	V	9	
256.1297	2	N	8	946.4594
370.1727	3	N	7	832.4165
483.2567	4	L	6	718.3735
612.2993	5	E	5	605.2895
711.3677	6	V	4	476.2469
826.3947	7	D	3	377.1785
913.4267	8	S	2	262.1515
	9	R	1	175.1195

N-term:+43.02

VNPTVFFDITADDEPLGR, MH+ 2047.9977, m/z 683.3374
 L OSG41 P180811 230811-s1.07666.07666.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

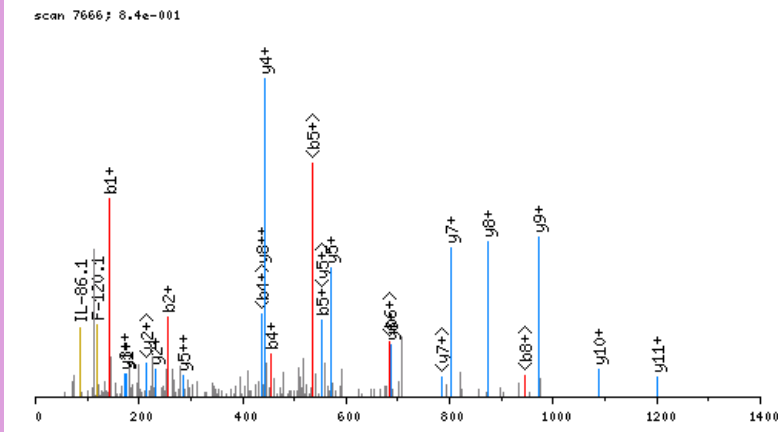
y + 2+ 3+

z + 2+ 3+

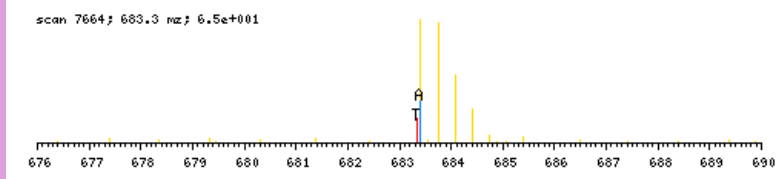
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 18		
256.1297	2	N 17	1906.9187	953.9633
353.1825	3	P 16	1792.8758	896.9418
454.2302	4	T 15	1695.8230	848.4154
553.2986	5	V 14	1594.7753	797.8916
700.3670	6	F 13	1495.7069	748.3574
847.4354	7	F 12	1348.6385	674.8232
962.4624	8	D 11	1201.5701	601.2889
1075.5464	9	I 10	1086.5431	543.7755
1176.5941	10	T 9	973.4591	487.2334
1247.6312	11	A 8	872.4114	436.7096
1362.6582	12	D 7	801.3743	401.1910
1477.6851	13	D 6	686.3473	343.6776
1606.7277	14	E 5	571.3204	286.1641
1703.7805	15	P 4	442.2778	221.6428
1816.8645	16	L 3	345.2250	173.1164
1873.8860	17	G 2	232.1410	116.5744
	18	R 1	175.1195	88.0637

N-term:+43.02

VPTPNVSVVDLTCR, MH+ 1598.8212, m/z 533.6119
 L OSG36 P180811 230811-s1.06006.06006.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

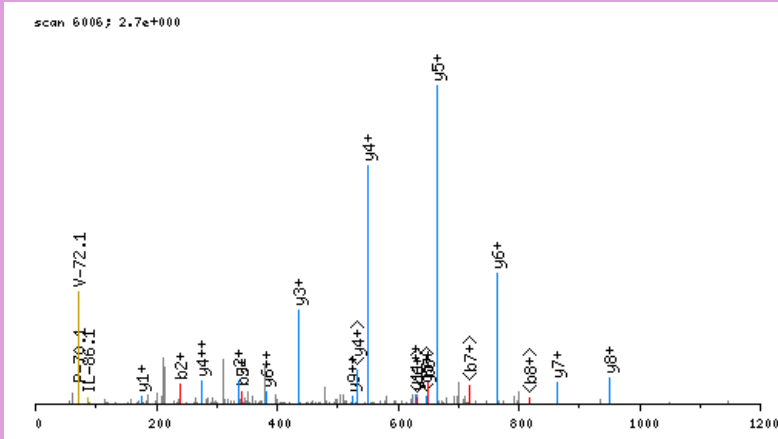
y + 2+ 3+

z + 2+ 3+

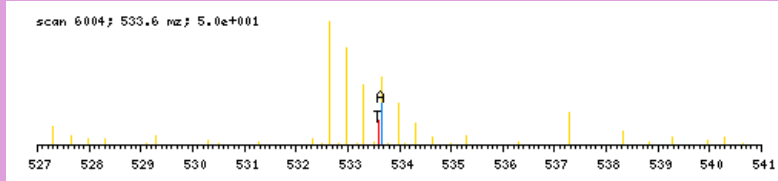
hide H₂O/NH₃

zoom 112-122

GO



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



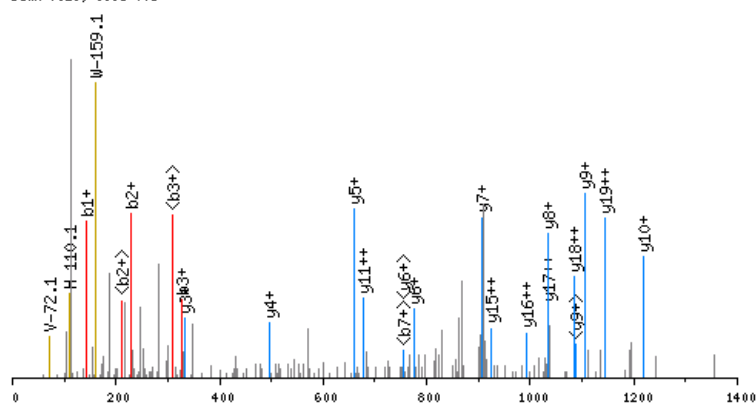
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
142.0868	1	V 14		
239.1396	2	P 13	1457.7422	729.3750
340.1873	3	T 12	1360.6894	680.8486
437.2400	4	P 11	1259.6417	630.3248
551.2829	5	N 10	1162.5890	581.7984
650.3514	6	V 9	1048.5461	524.7769
737.3834	7	S 8	949.4776	475.2427
836.4518	8	V 7	862.4456	431.7267
935.5202	9	V 6	763.3772	382.1925
1050.5472	10	D 5	664.3088	332.6583
1163.6312	11	L 4	549.2818	275.1448
1264.6789	12	T 3	436.1978	218.6028
1424.7095	13	C 2	335.1501	168.0790
	14	R 1	175.1195	88.0637

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

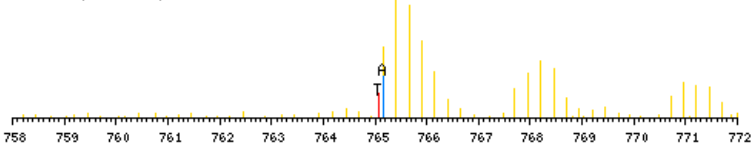
VSMNNTVDTSHEDMIHDAQMDYYGTR, MH+ 3057.3029, m/z 765.0812
 L OSG38 P180811 230811-s1.07525.07525.4.dta

scan 7525; 5.9e-001



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

scan 7524; 765.1 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

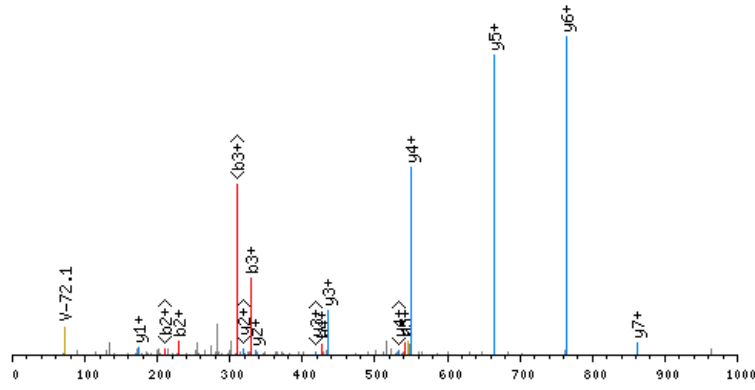
GO

b ⁺	#	AA #	y ⁺	y ²⁺
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

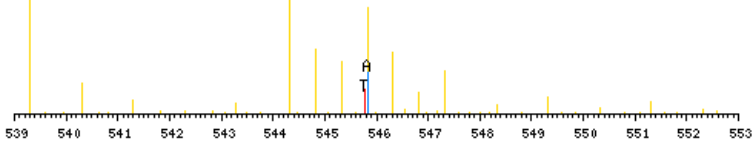
VSVVDLTCR, MH+ 1090.5566, m/z 545.7820
 L OSG36 P180811 230811-s1.05060.05060.2.dta

scan 5060; 1.9e+000



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

scan 5059; 545.8 m/z; 8.2e+000



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

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

GO

b ⁺	#	AA #	y ⁺	y ²⁺
142.0868	1	V	9	
229.1188	2	S	8	949.4776 475.2427
328.1873	3	V	7	862.4456 431.7267
427.2557	4	V	6	763.3772 382.1925
542.2826	5	D	5	664.3088 332.6583
655.3667	6	L	4	549.2818 275.1448
756.4144	7	T	3	436.1978 218.6028
916.4450	8	C	2	335.1501 168.0790
	9	R	1	175.1195 88.0637

N-term:+43.02 C(8):+160.03

VVFDDTYDR, MH+ 1171.5272, m/z 586.2672
 L OSG36 P180811 230811-s1.05270.05270.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

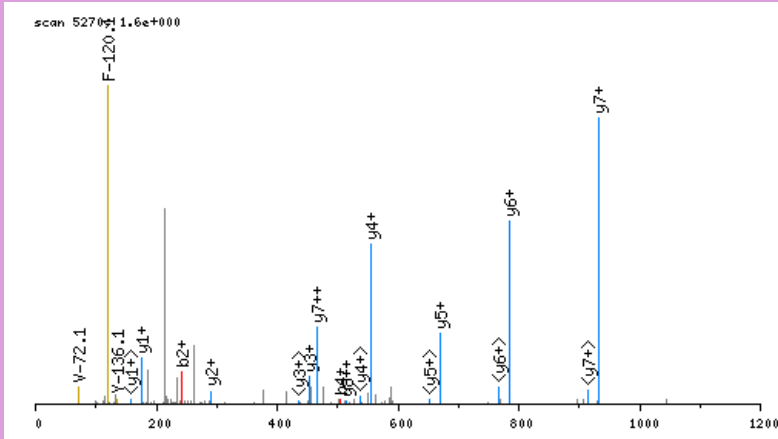
y + 2+ 3+

z + 2+ 3+

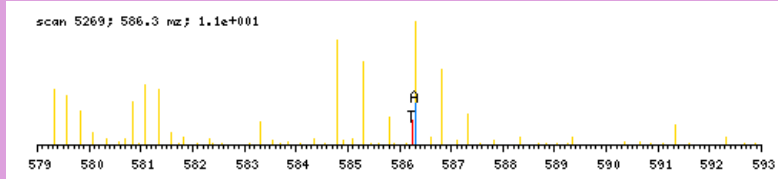
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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
388.2236	3	F	7	931.3798
503.2506	4	D	6	784.3113
618.2775	5	D	5	669.2844
719.3252	6	T	4	554.2575
882.3885	7	Y	3	453.2098
997.4155	8	D	2	290.1464
	9	R	1	175.1195

N-term:+43.02

VVMTQTPLSLPLVSLGDAQASISCR, MH+ 2501.2743, m/z 834.4296
 L OSG36 P180811 230811-s1.06205.06205.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

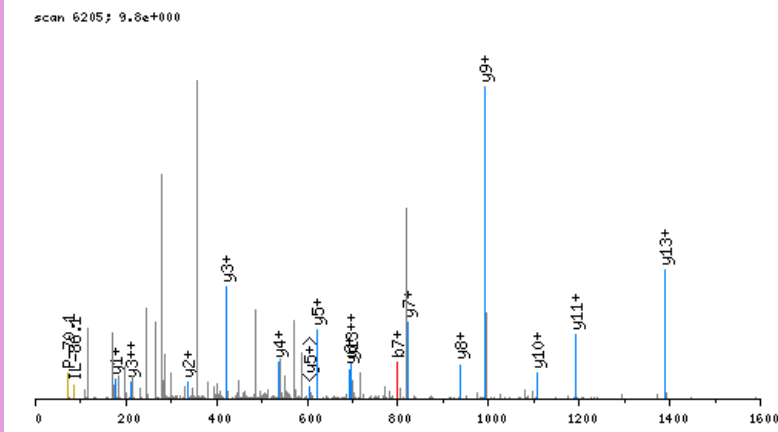
y + 2+ 3+

z + 2+ 3+

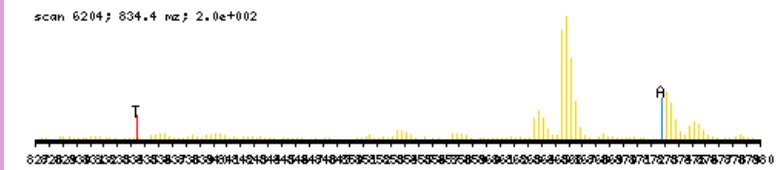
hide H₂O/NH₃

zoom 112-122

GO



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



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

b ⁺	#	AA #	y ⁺	y ²⁺
142.0868	1	V 23		
241.1552	2	V 22	2360.1953	1180.6016
372.1957	3	M 21	2261.1269	1131.0674
473.2434	4	T 20	2130.0864	1065.5471
601.3020	5	Q 19	2029.0388	1015.0233
702.3496	6	T 18	1900.9802	950.9940
799.4024	7	P 17	1799.9325	900.4702
912.4865	8	L 16	1702.8797	851.9438
999.5185	9	S 15	1589.7957	795.4018
1112.6026	10	L 14	1502.7637	751.8857
1209.6553	11	P 13	1389.6796	695.3437
1308.7237	12	V 12	1292.6268	646.8173
1395.7558	13	S 11	1193.5584	597.2831
1508.8398	14	L 10	1106.5264	553.7671
1565.8613	15	G 9	993.4423	497.2251
1680.8882	16	D 8	936.4209	468.7143
1808.9468	17	Q 7	821.3939	411.2009
1879.9839	18	A 6	693.3353	347.1716
1967.0160	19	S 5	622.2982	311.6530
2080.1000	20	I 4	535.2662	268.1370
2167.1321	21	S 3	422.1821	211.5950
2327.1627	22	C 2	335.1501	168.0790
	23	R 1	175.1195	88.0637

N-term:+43.02 C(22):+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+

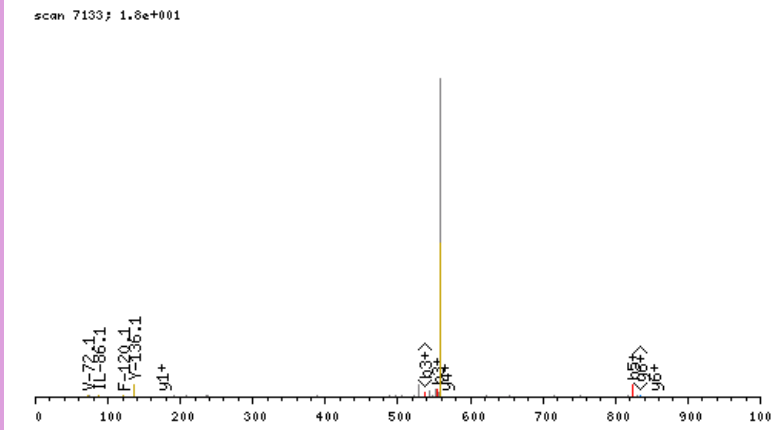
y + 2+ 3+

z + 2+ 3+

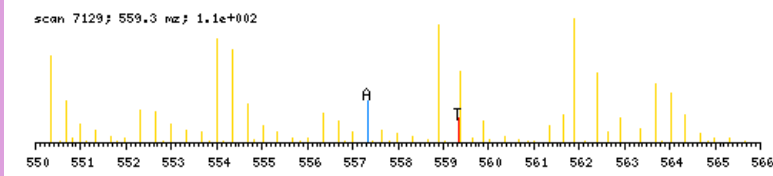
hide H₂O/NH₃

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⁺
229.0977	1	W 11		
391.2558	2	K 10	1447.8844	724.4461
554.3191	3	Y 9	1285.7263	643.3671
668.3621	4	N 8	1122.6630	561.8354
824.4632	5	R 7	1008.6200	504.8139
953.5058	6	E 6	852.5189	426.7634
1113.5364	7	C 5	723.4763	362.2421
1275.6945	8	K 4	563.4457	282.2268
1388.7785	9	L 3	401.2876	201.1477
1501.8626	10	L 2	288.2036	144.6057
	11	R 1	175.1195	88.0637

N-term:+43.02 K(2):+162.16
 C(7):+160.03 K(8):+162.16

WPPDAEPEPDPESAHGPR, MH+ 2025.8943, m/z 675.9696
 L OSG37 P180811 230811-s1.06432.06432.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

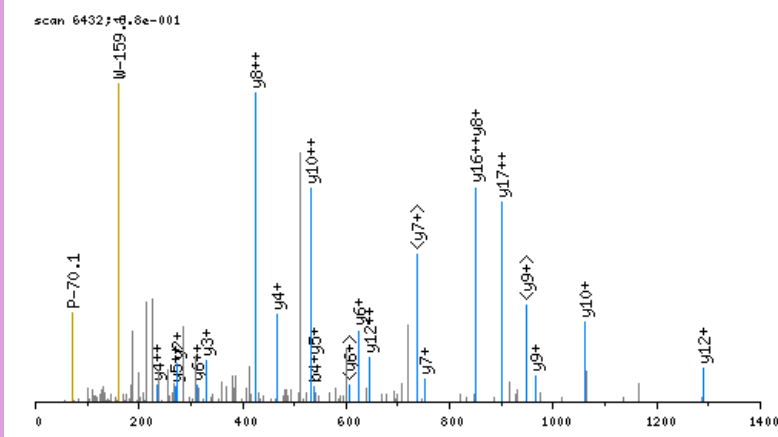
y + 2+ 3+

z + 2+ 3+

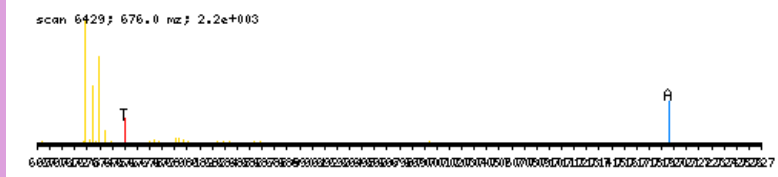
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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 18		
326.1505	2	P 17	1797.8044	899.4061
423.2032	3	P 16	1700.7516	850.8797
538.2302	4	D 15	1603.6989	802.3533
609.2673	5	A 14	1488.6719	744.8399
738.3099	6	E 13	1417.6348	709.3213
835.3627	7	P 12	1288.5922	644.8000
964.4052	8	E 11	1191.5394	596.2736
1061.4580	9	P 10	1062.4968	531.7523
1176.4850	10	D 9	965.4441	483.2260
1273.5377	11	P 8	850.4171	425.7125
1402.5803	12	E 7	753.3644	377.1861
1489.6123	13	S 6	624.3218	312.6648
1560.6495	14	A 5	537.2898	269.1488
1697.7084	15	H 4	466.2526	233.6302
1754.7298	16	G 3	329.1937	165.1008
1851.7826	17	P 2	272.1723	136.5900
	18	R 1	175.1195	88.0637

N-term:+43.02

YAPGGAGLPGGR, MH+ 1114.5645, m/z 557.7859
 L OSG41 P180811 230811-s1.05026.05026.2.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

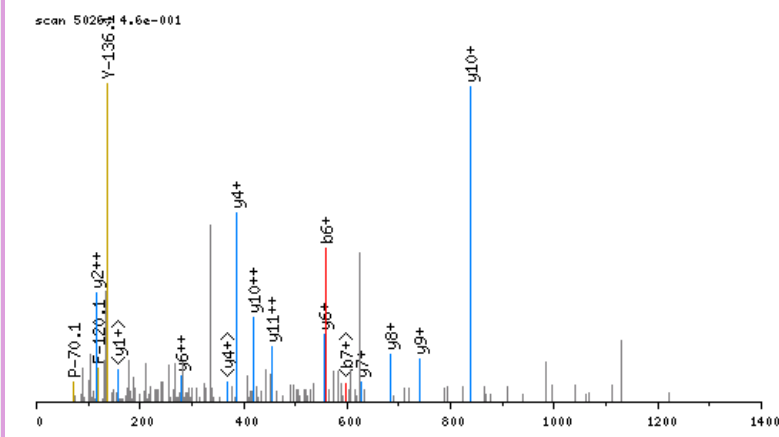
y + 2+ 3+

z + 2+ 3+

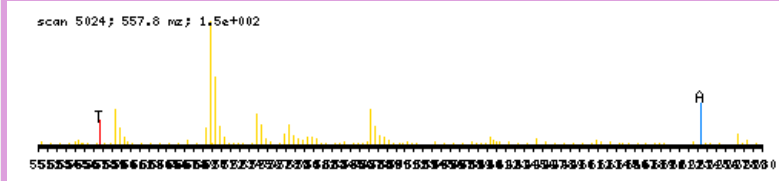
hide H₂O/NH₃

zoom 112-122

GO



click image to zoom in; 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	12		
277.1188	2	A	11	909.4906	455.2492
374.1716	3	P	10	838.4535	419.7307
431.1931	4	G	9	741.4008	371.2043
488.2145	5	G	8	684.3793	342.6936
559.2516	6	A	7	627.3578	314.1828
616.2731	7	G	6	556.3207	278.6643
729.3572	8	L	5	499.2993	250.1535
826.4099	9	P	4	386.2152	193.6115
883.4314	10	G	3	289.1624	145.0851
940.4529	11	G	2	232.1410	116.5744
	12	R	1	175.1195	88.0637

N-term:+43.02

YKGIIDCVVR, MH+ 1292.7037, m/z 431.5727
 L OSG40 P180811 230811-s1.05181.05181.3.dta

X-range:

-

MassTol: Y-zoom:

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

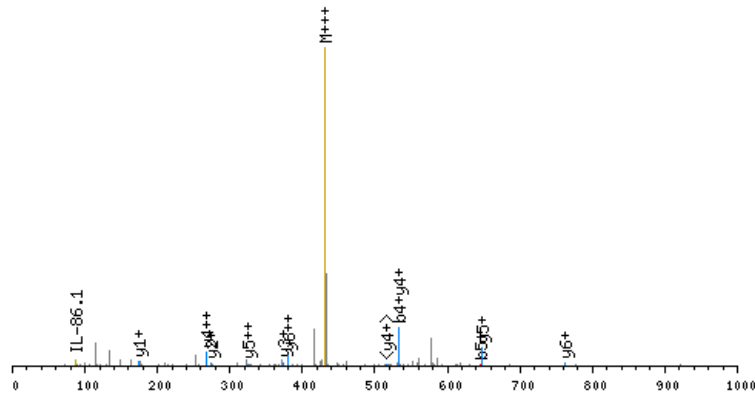
z + 2+ 3+

hide H₂O/NH₃

zoom 112-122

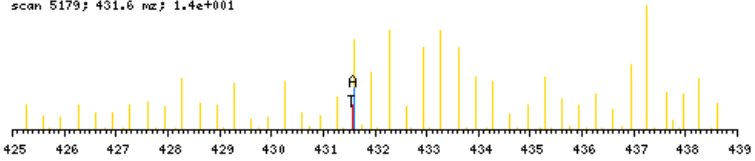
GO

scan 5181; 4.9e+000



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

scan 5179; 431.6 mz; 1.4e+001



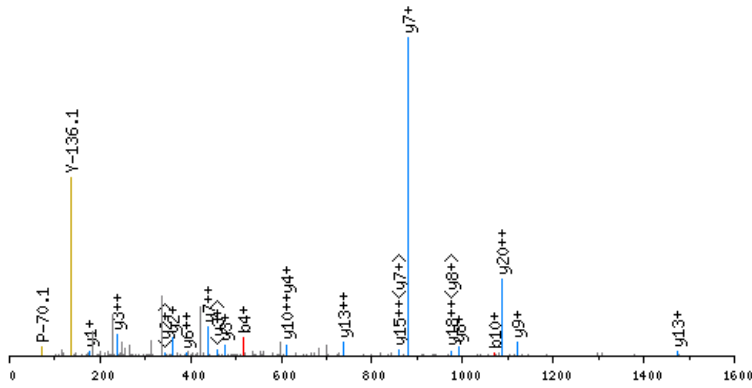
zoomed in precursor plot; T=theoretical m/z, A=acquired m/z

b ⁺	#	AA #	y ⁺	y ²⁺
206.0817	1	Y	10	
362.2080	2	K	9	1087.6298 544.3188
419.2295	3	G	8	931.5035 466.2556
532.3136	4	I	7	874.4820 437.7449
645.3976	5	I	6	761.3979 381.2029
760.4246	6	D	5	648.3139 324.6608
920.4552	7	C	4	533.2869 267.1474
1019.5236	8	V	3	373.2563 187.1321
1118.5920	9	V	2	274.1879 137.5979
	10	R	1	175.1195 88.0637

N-term:+43.02 K(2):+156.13
 C(7):+160.03

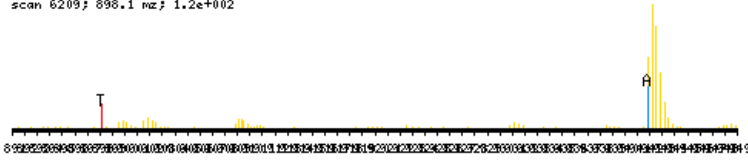
YTPIPQSGSFFPASVQDPGLHIWR, MH+ 2692.3524, m/z 898.1223
 L OSG36 P180811 230811-s1.06210.06210.3.dta

scan 6210; 1.4e+001



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

scan 6209; 898.1 mz; 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⁺
206.0817	1	Y 24		
307.1294	2	T 23	2487.2785	1244.1431
404.1822	3	P 22	2386.2308	1193.6193
517.2662	4	I 21	2289.1780	1145.0929
614.3190	5	P 20	2176.0940	1088.5509
742.3776	6	Q 19	2079.0412	1040.0245
829.4096	7	S 18	1950.9826	975.9952
886.4311	8	G 17	1863.9506	932.4792
973.4631	9	S 16	1806.9291	903.9685
1070.5159	10	P 15	1719.8971	860.4525
1217.5843	11	F 14	1622.8443	811.9261
1314.6370	12	P 13	1475.7759	738.3919
1385.6742	13	A 12	1378.7232	689.8655
1472.7062	14	S 11	1307.6860	654.3469
1571.7746	15	V 10	1220.6540	610.8309
1699.8332	16	Q 9	1121.5856	561.2967
1814.8601	17	D 8	993.5270	497.2674
1911.9129	18	P 7	878.5001	439.7540
1968.9343	19	G 6	781.4473	391.2276
2082.0184	20	L 5	724.4259	362.7168
2219.0773	21	H 4	611.3418	306.1748
2332.1614	22	I 3	474.2829	237.6454
2518.2407	23	W 2	361.1988	181.1033
	24	R 1	175.1195	88.0637

N-term:+43.02