

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☐ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☐ 3+

z ☐ + ☐ 2+ ☐ 3+

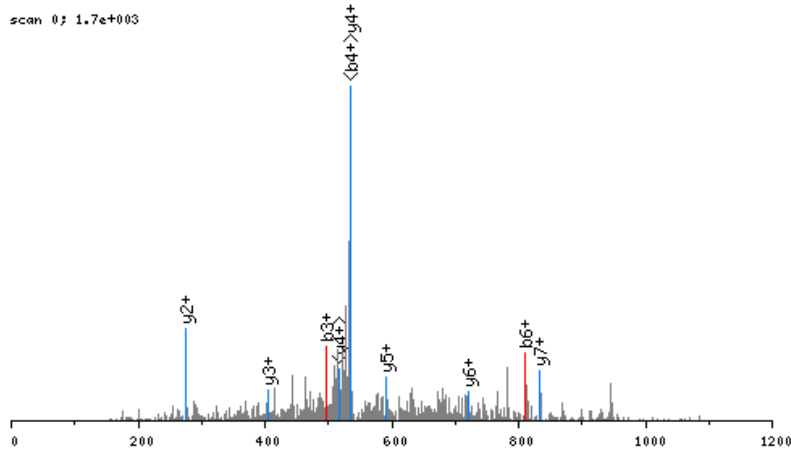
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

LLEGEETR, MH+ 1086.5795, m/z 543.7934
tgriffin_bandh003_101409_UNT_OGLto6_HvBC_SCX10.7064.7064.2.dta

scan 0; 1.7e+003



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
254.1869	1	L	8		
367.2709	2	L	7	833.4005	417.2042
496.3135	3	E	6	720.3164	360.6621
553.3350	4	G	5	591.2738	296.1408
682.3776	5	E	4	534.2524	267.6301
811.4202	6	E	3	405.2098	203.1088
912.4678	7	T	2	276.1672	138.5875
	8	R	1	175.1195	88.0637

N-term:+141.10

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

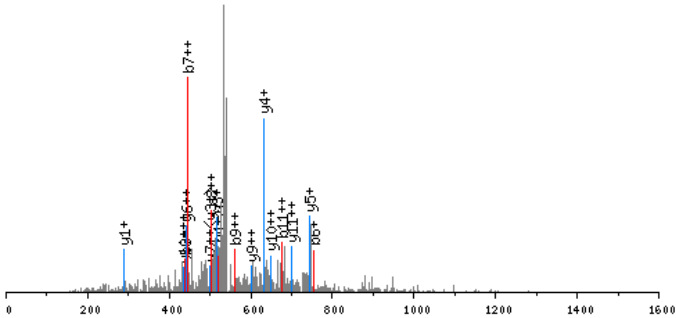
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

VVPTTDHIDTEK, MH+ 1634.8754, m/z 545.6300
tgriffin_bandh003_101409_UNT_OGLto6_HvBC_SCX10.7099.7099.3.dta

scan 0: 2.3e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
240.1712	120.5895	1	V	12			
339.2396	170.1237	2	V	11	1395.7120	698.3599	465.9092
436.2924	218.6501	3	P	10	1296.6436	648.8257	432.8864
537.3401	269.1739	4	T	9	1199.5908	600.2993	400.5355
638.3877	319.6978	5	T	8	1098.5431	549.7755	366.8529
753.4147	377.2113	6	D	7	997.4954	499.2516	333.1704
890.4736	445.7407	7	H	6	882.4685	441.7382	294.8281
1003.5577	502.2827	8	I	5	745.4096	373.2087	249.1417
1118.5846	559.7962	9	D	4	632.3255	316.6667	211.4471
1219.6323	610.3201	10	T	3	517.2986	259.1532	173.1047
1348.6749	674.8413	11	E	2	416.2509	208.6294	139.4222
		12	K	1	287.2083	144.1081	96.4080

N-term:+141.10 K(12):+268.19

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

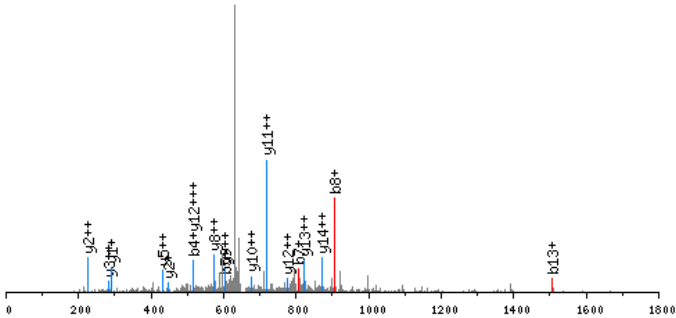
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

AVSDSFGPGEWDDRRK, MH+ 1953.9548, m/z 651.9898
tgriffin_bandh003_101409_UNT_OG1to6_HvBC_SCX10.9805.9805.3.dta

scan 0; 1.7e+004



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
216.1469	108.5774	1	A	15			
315.2153	158.1116	2	V	14	1738.8157	869.9118	580.2771
402.2473	201.6276	3	S	13	1639.7473	820.3776	547.2543
517.2743	259.1411	4	D	12	1552.7153	776.8616	518.2436
604.3063	302.6571	5	S	11	1437.6884	719.3481	479.9013
751.3747	376.1913	6	F	10	1350.6563	675.8321	450.8907
808.3962	404.7020	7	G	9	1203.5879	602.2979	401.8679
905.4490	453.2284	8	P	8	1146.5664	573.7871	382.8607
962.4704	481.7391	9	G	7	1049.5137	525.2608	350.5098
1091.5130	546.2604	10	E	6	992.4922	496.7500	331.5026
1277.5923	639.3001	11	W	5	863.4496	432.2287	288.4884
1392.6193	696.8135	12	D	4	677.3703	339.1891	226.4620
1507.6462	754.3270	13	D	3	562.3434	281.6756	188.1197
1663.7473	832.3776	14	R	2	447.3164	224.1621	149.7774
		15	K	1	291.2153	146.1116	97.7437

N-term:+145.11 K(15):+272.20

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

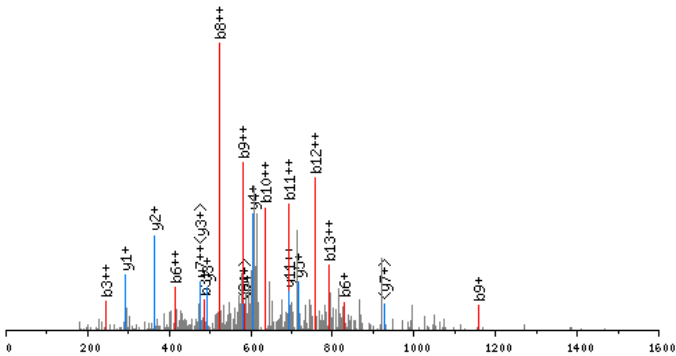
hide H₂O/NH₃

zoom 112-122

GO

ARDDLITDLLNEAK, MH+ 1875.0429, m/z 625.6858
tgriffin_bandh003_101409_UNT_OG1to6_HvBC_SCX10.14979.14979.3.dta

scan 0; 5.8e+002



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
216.1469	108.5774	1	A	14			
372.2480	186.6279	2	R	13	1659.9038	830.4558	553.9732
487.2750	244.1414	3	D	12	1503.8027	752.4053	501.9395
602.3019	301.6549	4	D	11	1388.7758	694.8918	463.5971
715.3860	358.1969	5	L	10	1273.7488	637.3783	425.2548
828.4700	414.7389	6	I	9	1160.6648	580.8363	387.5601
929.5177	465.2628	7	T	8	1047.5807	524.2943	349.8654
1044.5446	522.7762	8	D	7	946.5330	473.7704	316.1829
1157.6287	579.3183	9	L	6	831.5061	416.2570	277.8406
1270.7128	635.8603	10	L	5	718.4220	359.7149	240.1459
1384.7557	692.8818	11	N	4	605.3380	303.1729	202.4512
1513.7983	757.4031	12	E	3	491.2950	246.1514	164.4369
1584.8354	792.9216	13	A	2	362.2524	181.6301	121.4227
		14	K	1	291.2153	146.1116	97.7437

N-term:+145.11 K(14):+272.20

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+
b ☒ + ☐ 2+ ☐ 3+
c ☐ + ☐ 2+ ☐ 3+
x ☐ + ☐ 2+ ☐ 3+
y ☒ + ☒ 2+ ☐ 3+
z ☐ + ☐ 2+ ☐ 3+

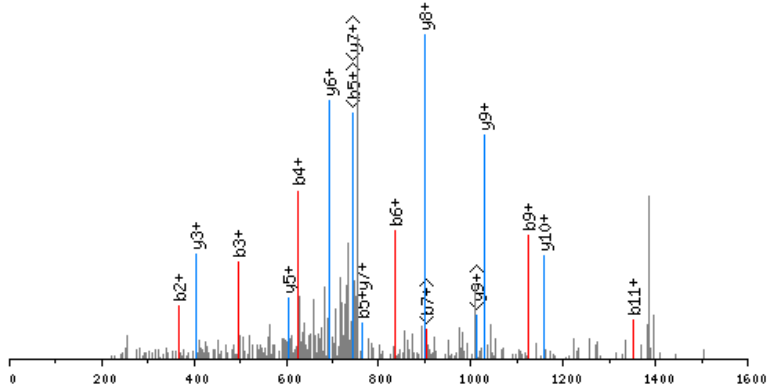
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

NIEEHASSDVER, MH+ 1525.7247, m/z 763.3660
tgriffin_bandh003_101409_UNT_OG1to6_HvBC_SCX11.4910.4910.2.dta

scan 0: 3.5e+002



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
255.1457	1	N	12		
368.2298	2	I	11	1271.5868	636.2973
497.2724	3	E	10	1158.5027	579.7553
626.3150	4	E	9	1029.4601	515.2340
763.3739	5	H	8	900.4175	450.7127
834.4110	6	A	7	763.3586	382.1832
921.4430	7	S	6	692.3215	346.6647
1008.4750	8	S	5	605.2895	303.1487
1123.5020	9	D	4	518.2575	259.6326
1222.5704	10	V	3	403.2305	202.1192
1351.6130	11	E	2	304.1621	152.5850
	12	R	1	175.1195	88.0637

N-term:+141.10

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

AVG MONO

Axis:

1 2

Label:

I M -

Ions:

a + 2+ 3+

b + 2+ 3+

c + 2+ 3+

x + 2+ 3+

y + 2+ 3+

z + 2+ 3+

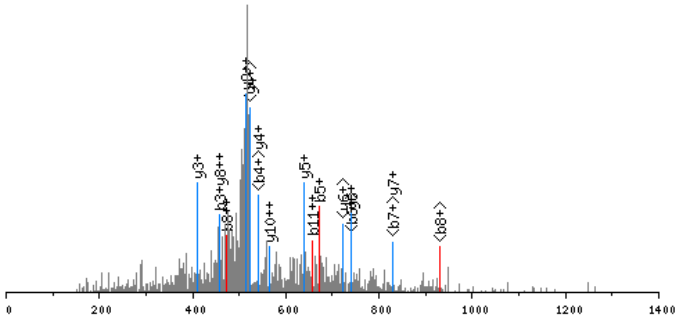
hide H₂O/NH₃

zoom 112-122

GO

SVETDSSTVEHVR, MH+ 1585.7822, m/z 529.2656
tgriffin_bandh003_101409_UNT_OG1to6_HvBC_SCX11.5720.5720.3.dta

scan 0: 1.2e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
228.1348	114.5713	1	S	13			
327.2032	164.1055	2	V	12	1358.6552	679.8315	453.5569
456.2458	228.6268	3	E	11	1259.5868	630.2973	420.5341
557.2935	279.1507	4	T	10	1130.5442	565.7760	377.5199
672.3204	336.6641	5	D	9	1029.4965	515.2522	343.8374
759.3525	380.1801	6	S	8	914.4696	457.7387	305.4951
846.3845	423.6962	7	S	7	827.4375	414.2227	276.4844
947.4322	474.2200	8	T	6	740.4055	370.7067	247.4737
1046.5006	523.7542	9	V	5	639.3578	320.1828	213.7912
1175.5432	588.2755	10	E	4	540.2894	270.6486	180.7684
1312.6021	656.8050	11	H	3	411.2468	206.1273	137.7542
1411.6705	706.3392	12	V	2	274.1879	137.5979	92.0679
		13	R	1	175.1195	88.0637	59.0451

N-term:+141.10

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

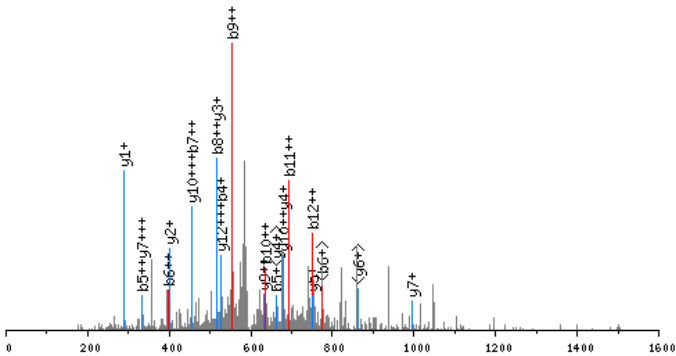
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

ATIVHQDQAYDDK, MH+ 1783.8979, m/z 595.3041
tgriffin_bandh003_101409_UNT_OGLto6_HvBC_SCX11.6141.6141.3.dta

scan 0: 2.6e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
212.1399	106.5739	1	A	13			
313.1876	157.0977	2	T	12	1572.7658	786.8868	524.9272
426.2716	213.6397	3	I	11	1471.7181	736.3630	491.2446
525.3401	263.1739	4	V	10	1358.6341	679.8209	453.5499
662.3990	331.7034	5	H	9	1259.5657	630.2867	420.5271
790.4575	395.7327	6	Q	8	1122.5067	561.7573	374.8408
905.4845	453.2462	7	D	7	994.4482	497.7280	332.1546
1033.5431	517.2754	8	Q	6	879.4212	440.2145	293.8123
1104.5802	552.7940	9	A	5	751.3626	376.1852	251.1261
1267.6435	634.3257	10	Y	4	680.3255	340.6667	227.4471
1382.6705	691.8391	11	D	3	517.2622	259.1350	173.0926
1497.6974	749.3526	12	D	2	402.2353	201.6215	134.7503
		13	K	1	287.2083	144.1081	96.4080

N-term:+141.10 K(13):+268.19

X-range: -

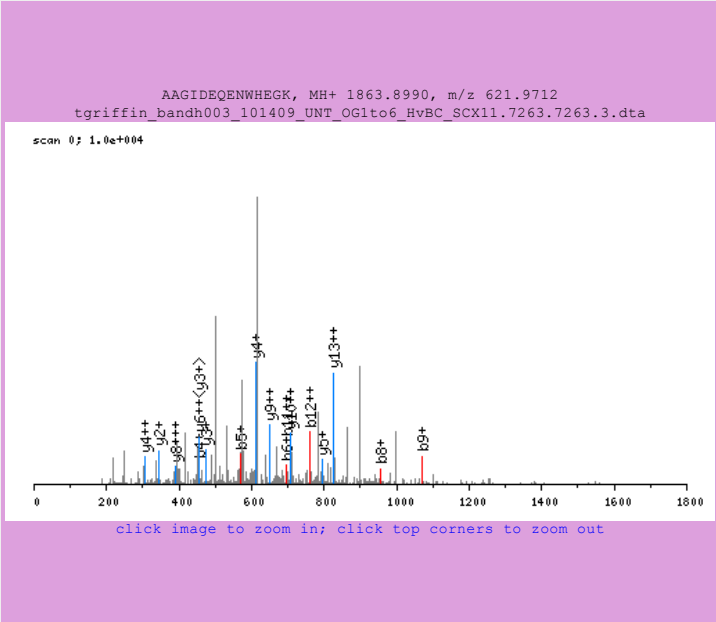
MassTol: Y-zoom:

MassType: ☐ AVG ☒ MONO

Axis: ☒ 1 ☐ 2

Label: ☐ I ☐ M ☐ -

Tons:
a ☐ + ☐ 2+ ☐ 3+
b ☒ + ☒ 2+ ☐ 3+
c ☐ + ☐ 2+ ☐ 3+
x ☐ + ☐ 2+ ☐ 3+
y ☒ + ☒ 2+ ☒ 3+
z ☐ + ☐ 2+ ☐ 3+
hide H₂O/NH₃ ☐
zoom 112-122 ☐



b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
212.1399	106.5739	1	A	14			
283.1770	142.0924	2	A	13	1652.7669	826.8873	551.5942
340.1985	170.6032	3	G	12	1581.7298	791.3688	527.9151
453.2825	227.1452	4	I	11	1524.7083	762.8581	508.9080
568.3095	284.6587	5	D	10	1411.6242	706.3160	471.2133
697.3521	349.1800	6	E	9	1296.5973	648.8026	432.8710
825.4107	413.2092	7	Q	8	1167.5547	584.2813	389.8568
954.4533	477.7305	8	E	7	1039.4961	520.2520	347.1706
1068.4962	534.7520	9	N	6	910.4535	455.7307	304.1564
1254.5755	627.7917	10	W	5	796.4106	398.7092	266.1421
1391.6344	696.3211	11	H	4	710.3313	305.6696	204.1156
1520.6770	760.8424	12	E	3	473.2724	237.1401	158.4293
1577.6985	789.3531	13	G	2	344.2298	172.6188	115.4151
		14	K	1	287.2083	144.1081	96.4080

N-term:+141.10 K(14):+268.19

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

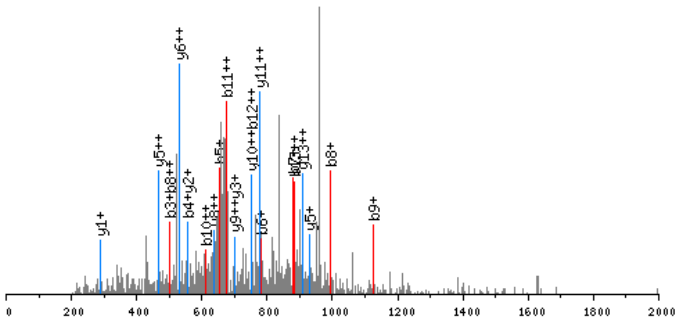
hide H₂O/NH₃

zoom 112-122

GO

TEQGPQVDETQFKK, MH+ 2055.0875, m/z 685.7007
tgriffin_bandh003_101409_UNT_OG1to6_HvBC_SCX11.7388.7388.3.dta

scan 0; 8.9e+002



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
242.1505	121.5791	1	T	14			
371.1931	186.1004	2	E	13	1813.9448	907.4763	605.3202
499.2516	250.1297	3	Q	12	1684.9022	842.9550	562.3060
556.2731	278.6405	4	G	11	1556.8437	778.9257	519.6198
653.3259	327.1668	5	P	10	1499.8222	750.4150	500.6126
781.3844	391.1961	6	Q	9	1402.7694	701.8886	468.2617
880.4529	440.7303	7	V	8	1274.7109	637.8593	425.5755
995.4798	498.2438	8	D	7	1175.6424	588.3251	392.5527
1124.5224	562.7651	9	E	6	1060.6155	530.8117	354.2104
1225.5701	613.2889	10	T	5	931.5729	466.2904	311.1962
1353.6286	677.3182	11	Q	4	830.5252	415.7665	277.5136
1500.6971	750.8524	12	F	3	702.4667	351.7372	234.8274
1768.8870	884.9474	13	K	2	555.3982	278.2030	185.8046
		14	K	1	287.2083	144.1081	96.4080

N-term:+141.10 K(13):+268.19 K(14):+268.19

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

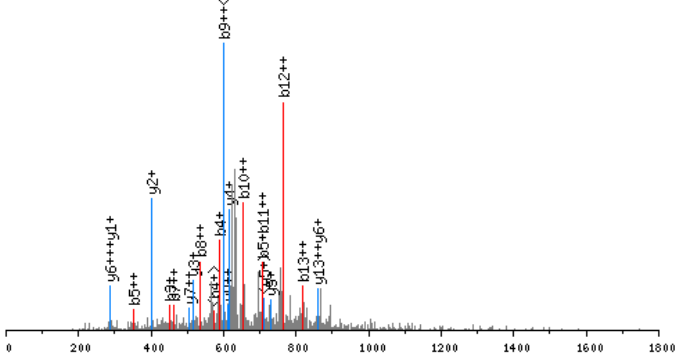
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

AQLHDTNMELTDLK, MH+ 1924.9802, m/z 642.3316
tgriffin_bandh003_l01409_UNT_OGIt06_HvBC_SCX11.8786.8786.3.dta

scan 0: 4.1e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
212.1399	106.5739	1	A	14			
340.1985	170.6032	2	Q	13	1713.8482	857.4280	571.9546
453.2825	227.1452	3	L	12	1585.7896	793.3987	529.2684
590.3415	295.6746	4	H	11	1472.7055	736.8567	491.5737
705.3684	353.1881	5	D	10	1335.6466	668.3272	445.8874
806.4161	403.7120	6	T	9	1220.6197	610.8137	407.5451
920.4590	460.7334	7	N	8	1119.5720	560.2899	373.8625
1067.4944	534.2511	8	M	7	1005.5291	503.2684	335.8482
1196.5370	598.7724	9	E	6	858.4937	429.7507	286.8364
1309.6211	655.3144	10	L	5	729.4511	365.2294	243.8222
1410.6687	705.8383	11	T	4	616.3670	308.6874	206.1276
1525.6957	763.3518	12	D	3	515.3193	258.1636	172.4450
1638.7797	819.8938	13	L	2	400.2924	200.6501	134.1027
		14	K	1	287.2083	144.1081	96.4080

N-term:+141.10 M(8):+147.04 K(14):+268.19

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

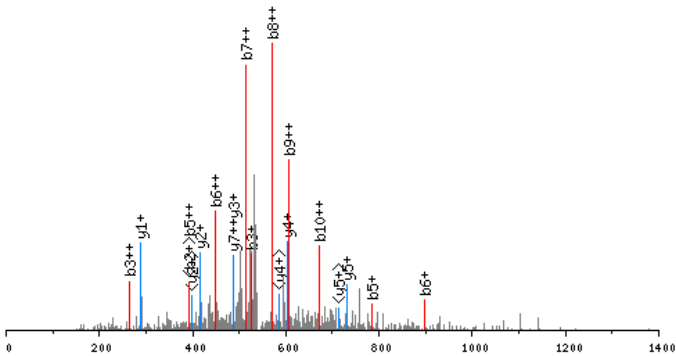
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

RLDEELEDAEK, MH+ 1626.8339, m/z 542.9495
tgriffin_bandh003_101409_UNT_OGIt06_HvBC_SCX11.8926.8926.3.dta

scan 0: 3.6e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
297.2039	149.1059	1	R	11			
410.2880	205.6479	2	L	10	1330.6378	665.8228	444.2178
525.3149	263.1614	3	D	9	1217.5538	609.2808	406.5231
654.3575	327.6827	4	E	8	1102.5268	551.7673	368.1808
783.4001	392.2040	5	E	7	973.4842	487.2460	325.1666
896.4842	448.7460	6	L	6	844.4416	422.7247	282.1524
1025.5267	513.2673	7	E	5	731.3576	366.1827	244.4577
1140.5537	570.7808	8	D	4	602.3150	301.6614	201.4435
1211.5908	606.2993	9	A	3	487.2880	244.1479	163.1012
1340.6334	670.8206	10	E	2	416.2509	208.6294	139.4222
		11	K	1	287.2083	144.1081	96.4080

N-term:+141.10 K(11):+268.19

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

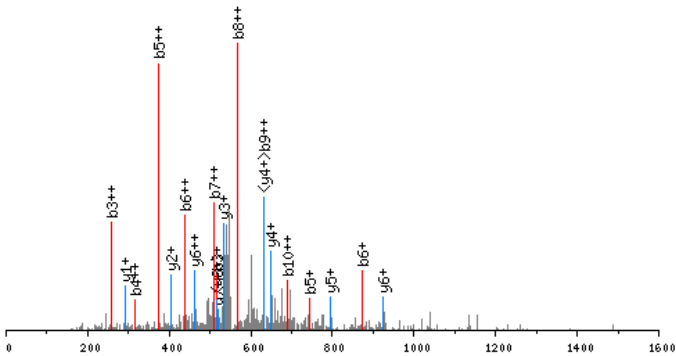
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

RVDIDEFDENK, MH+ 1667.8482, m/z 556.6209
tgriffin_bandh003_101409_UNT_OG1to6_HvBC_SCX11.8950.8950.3.dta

scan 0: 4.8e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
301.2109	151.1094	1	R	11			
400.2793	200.6436	2	V	10	1367.6452	684.3265	456.5536
515.3063	258.1570	3	D	9	1268.5767	634.7923	423.5308
628.3903	314.6991	4	I	8	1153.5498	577.2788	385.1885
743.4173	372.2125	5	D	7	1040.4657	520.7368	347.4938
872.4599	436.7338	6	E	6	925.4388	463.2233	309.1515
1019.5283	510.2680	7	F	5	796.3962	398.7020	266.1373
1134.5552	567.7815	8	D	4	649.3278	325.1678	217.1145
1263.5978	632.3028	9	E	3	534.3008	267.6543	178.7722
1377.6407	689.3243	10	N	2	405.2582	203.1330	135.7580
		11	K	1	291.2153	146.1116	97.7437

N-term:+145.11 K(11):+272.20

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

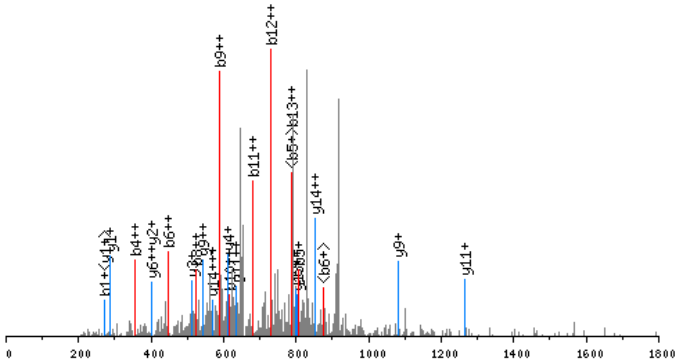
hide H₂O/NH₃

zoom 112-122

GO

EVAKPSPGEGEVLLK, MH+ 1973.1435, m/z 658.3860
tgriffin_bandh003_101409_UNT_OGIto6_HvBC_SCX11.9234.9234.3.dta

scan 0; 5.1e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
270.1454	135.5766	1	E	15			
369.2138	185.1108	2	V	14	1704.0060	852.5069	568.6739
440.2509	220.6294	3	A	13	1604.9376	802.9727	535.6511
708.4408	354.7243	4	K	12	1533.9005	767.4541	511.9720
805.4936	403.2507	5	P	11	1265.7105	633.3592	422.5754
892.5256	446.7667	6	S	10	1168.6578	584.8328	390.2245
989.5784	495.2931	7	P	9	1081.6257	541.3168	361.2138
1046.5999	523.8038	8	G	8	984.5730	492.7904	328.8629
1175.6424	588.3251	9	E	7	927.5515	464.2797	309.8557
1232.6639	616.8359	10	G	6	798.5089	399.7584	266.8415
1361.7065	681.3572	11	E	5	741.4875	371.2476	247.8344
1460.7749	730.8914	12	V	4	612.4449	306.7263	204.8202
1573.8590	787.4334	13	L	3	513.3764	257.1921	171.7974
1686.9430	843.9754	14	L	2	400.2924	200.6501	134.1027
		15	K	1	287.2083	144.1081	96.4080

N-term:+141.10 K(4):+268.19 K(15):+268.19

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

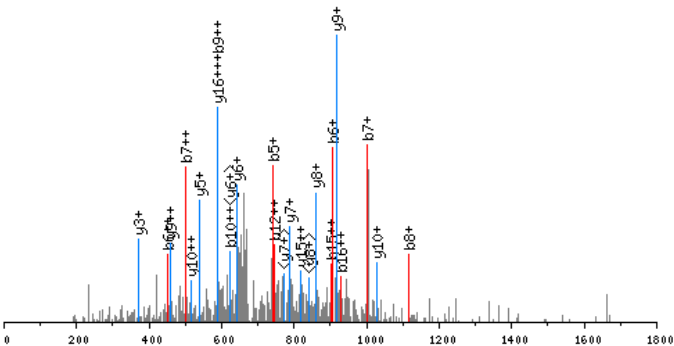
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

EENEVYVLGAFTGLHGR, MH+ 2031.0300, m/z 677.6815
tgriffin_bandh003_101409_UNT_OG1to6_HvBC_SCX11.13494.13494.3.dta

scan 0; 1.1e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
270.1454	135.5766	1	E	17			
399.1880	200.0979	2	E	16	1761.8924	881.4501	587.9694
513.2309	257.1194	3	N	15	1632.8498	816.9288	544.9552
642.2735	321.6407	4	E	14	1518.8069	759.9074	506.9408
741.3419	371.1749	5	V	13	1389.7643	695.3861	463.9266
904.4052	452.7065	6	Y	12	1290.6959	645.8519	430.9038
1003.4737	502.2407	7	V	11	1127.6326	564.3202	376.5494
1116.5577	558.7828	8	L	10	1028.5641	514.7860	343.5266
1173.5792	587.2935	9	G	9	915.4801	458.2439	305.8319
1244.6163	622.8121	10	A	8	858.4586	429.7332	286.8248
1391.6847	696.3463	11	F	7	787.4215	394.2147	263.1457
1492.7324	746.8701	12	T	6	640.3531	320.6805	214.1229
1549.7538	775.3808	13	G	5	539.3054	270.1566	180.4404
1662.8379	831.9229	14	L	4	482.2839	241.6459	161.4332
1799.8968	900.4523	15	H	3	369.1999	185.1039	123.7385
1856.9183	928.9631	16	G	2	232.1410	116.5744	78.0522
		17	R	1	175.1195	88.0637	59.0451

N-term:+141.10

X-range:
00

MassTol: Y-zoom:
0.9501.00

MassType:

AVG

MONO

Axis:

1

2

Label:

I

M

-

Ions:

a

b

c

x

y

z

hide H₂O/NH₃

zoom 112-122

GO

TIPLATAPNVQQIQVPGSK, MH+ 2355.3764, m/z 785.7970
tgriffin_bandh003_101409_UNT_OGLto6_HvBC_SCX11.14586.14586.3.dta

scan 0; 1.7e+003

click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
242.1505	121.5791	1	T	20			
355.2345	178.1212	2	I	19	2114.2337	1057.6208	705.4165
468.3186	234.6632	3	I	18	2001.1497	1001.0788	667.7218
565.3714	283.1896	4	P	17	1888.0656	944.5367	630.0271
678.4554	339.7316	5	L	16	1791.0129	896.0103	597.6762
749.4925	375.2502	6	A	15	1677.9288	839.4683	559.9815
850.5402	425.7740	7	T	14	1606.8917	803.9498	536.3024
921.5773	461.2926	8	A	13	1505.8440	753.4259	502.6199
1018.6301	509.8190	9	P	12	1434.8069	717.9074	478.9408
1132.6730	566.8404	10	N	11	1337.7541	669.3810	446.5899
1231.7414	616.3746	11	V	10	1223.7112	612.3595	408.5756
1359.8000	680.4039	12	Q	9	1124.6428	562.8253	375.5528
1487.8586	744.4332	13	Q	8	996.5842	498.7960	332.8666
1600.9427	800.9752	14	I	7	868.5256	434.7667	290.1804
1729.0012	865.0045	15	Q	6	755.4416	378.2247	252.4857
1828.0696	914.5387	16	V	5	627.3830	314.1954	209.7995
1925.1224	963.0651	17	P	4	528.3146	264.6612	176.7767
1982.1439	991.5758	18	G	3	431.2618	216.1348	144.4258
2069.1759	1035.0919	19	S	2	374.2403	187.6241	125.4187
		20	K	1	287.2083	144.1081	96.4080

N-term:+141.10 K(20):+268.19

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

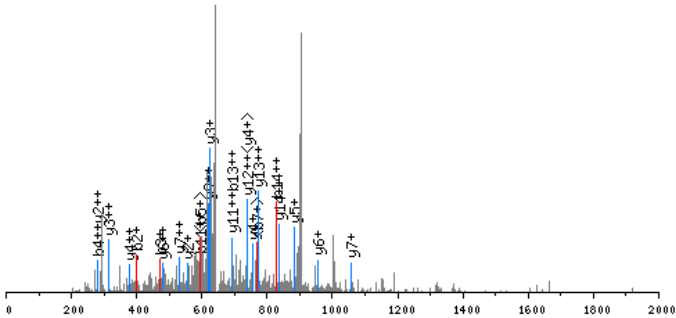
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

EEASGSSVTAEAAKK, MH+ 1943.0086, m/z 648.3410
tgriffin_bandh003_101409_UNT_OG1to6_HvBC_SCX12.5352.5352.3.dta

scan 0: 1.0e+003



X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

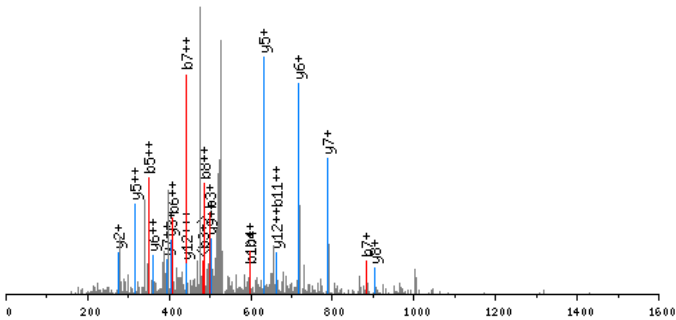
hide H₂O/NH₃

zoom 112-122

GO

ESHVTLASPEETR, MH+ 1599.8099, m/z 533.9415
tgriffin_bandh003_101409_UNT_OG1to6_HvBC_SCX12.6198.6198.3.dta

scan 0: 3.3e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
274.1524	137.5801	1	E	13			
361.1844	181.0961	2	S	12	1326.6654	663.8366	442.8937
498.2433	249.6256	3	H	11	1239.6333	620.3206	413.8830
597.3117	299.1598	4	V	10	1102.5744	551.7911	368.1967
698.3594	349.6836	5	T	9	1003.5060	502.2569	335.1739
811.4435	406.2257	6	L	8	902.4583	451.7331	301.4913
882.4806	441.7442	7	A	7	789.3743	395.1910	263.7966
969.5126	485.2602	8	S	6	718.3372	359.6725	240.1176
1066.5654	533.7866	9	P	5	631.3051	316.1565	211.1069
1195.6080	598.3079	10	E	4	534.2524	267.6301	178.7560
1324.6506	662.8292	11	E	3	405.2098	203.1088	135.7418
1425.6982	713.3530	12	T	2	276.1672	138.5875	92.7276
		13	R	1	175.1195	88.0637	59.0451

N-term:+145.11

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

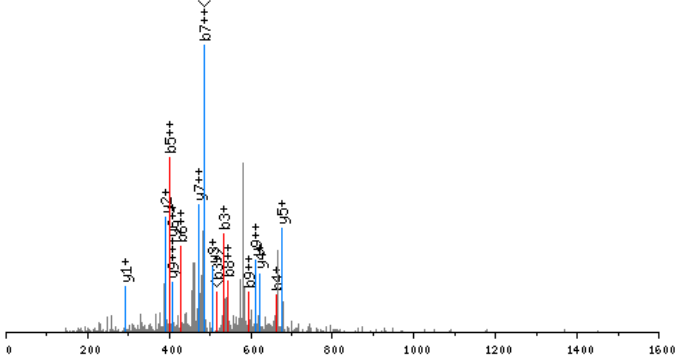
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

IFEEHGDLTK, MH+ 1476.7940, m/z 492.9362
tgriffin_bandh003_101409_UNT_OG1to6_HvBC_SCX12.8702.8702.3.dta

scan 0: 3.4e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
258.1939	129.6008	1	I	10			
405.2623	203.1350	2	F	9	1219.6080	610.3079	407.2079
534.3049	267.6563	3	E	8	1072.5396	536.7737	358.1851
663.3475	332.1776	4	E	7	943.4970	472.2524	315.1709
800.4064	400.7071	5	H	6	814.4544	407.7311	272.1567
857.4278	429.2178	6	G	5	677.3955	339.2016	226.4704
972.4548	486.7313	7	D	4	620.3740	310.6909	207.4632
1085.5388	543.2733	8	L	3	505.3471	253.1774	169.1209
1186.5865	593.7972	9	T	2	392.2630	196.6354	131.4262
		10	K	1	291.2153	146.1116	97.7437

N-term:+145.11 K(10):+272.20

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

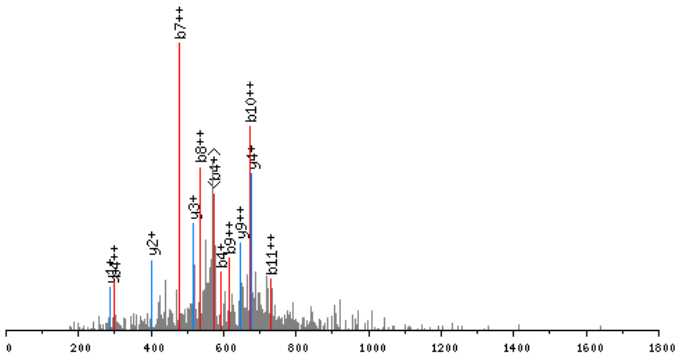
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

ALEHFTDLYDIK, MH+ 1744.9274, m/z 582.3140
tgriffin_bandh003_101409_UNT_OG1to6_HvBC_SCX12.12862.12862.3.dta

scan 0: 7.6e+002



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
212.1399	106.5739	1	A	12			
325.2240	163.1159	2	L	11	1533.7953	767.4016	511.9370
454.2666	227.6372	3	E	10	1420.7113	710.8595	474.2423
591.3255	296.1666	4	H	9	1291.6687	646.3382	431.2281
738.3939	369.7009	5	F	8	1154.6098	577.8088	385.5418
839.4416	420.2247	6	T	7	1007.5413	504.2746	336.5190
954.4685	477.7382	7	D	6	906.4937	453.7507	302.8364
1067.5526	534.2802	8	L	5	791.4667	396.2373	264.4941
1230.6159	615.8119	9	Y	4	678.3827	339.6952	226.7994
1345.6428	673.3253	10	D	3	515.3193	258.1636	172.4450
1458.7269	729.8674	11	I	2	400.2924	200.6501	134.1027
		12	K	1	287.2083	144.1081	96.4080

N-term:+141.10 K(12):+268.19

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

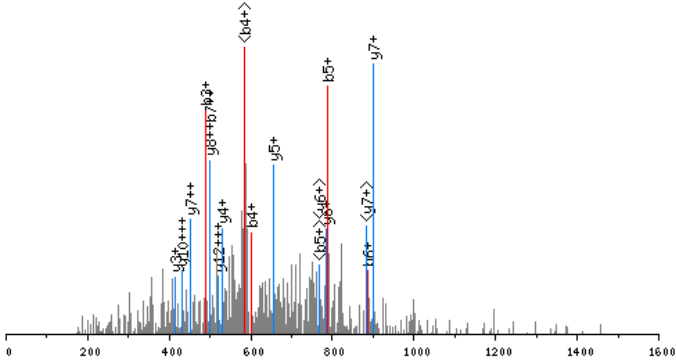
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

SFLIWNVEEDHTR, MH+ 1785.8924, m/z 595.9690
tgriffin_bandh003_101409_UNT_OG1to6_HvBC_SCX12.13627.13627.3.dta

scan 0: 3.4e+002



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
228.1348	114.5713	1	S	13			
375.2032	188.1055	2	F	12	1558.7654	779.8866	520.2604
488.2873	244.6476	3	L	11	1411.6970	706.3524	471.2376
601.3714	301.1896	4	I	10	1298.6129	649.8104	433.5429
787.4507	394.2292	5	W	9	1185.5289	593.2683	395.8482
886.5191	443.7635	6	V	8	999.4496	500.2287	333.8217
1000.5620	500.7849	7	N	7	900.3811	450.6945	300.7989
1129.6046	565.3062	8	E	6	786.3382	393.6730	262.7846
1258.6472	629.8275	9	E	5	657.2956	329.1517	219.7704
1373.6741	687.3410	10	D	4	528.2530	264.6304	176.7562
1510.7331	755.8704	11	H	3	413.2261	207.1170	138.4139
1611.7807	806.3943	12	T	2	276.1672	138.5875	92.7276
		13	R	1	175.1195	88.0637	59.0451

N-term:+141.10

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

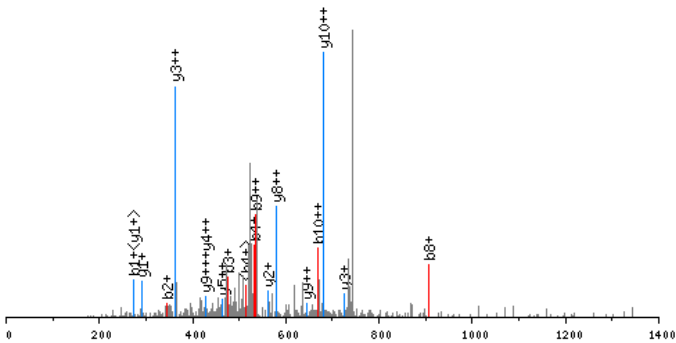
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

EAEGSSAEYKK, MH+ 1630.8651, m/z 544.2932
tgriffin_bandh003_101409_UNT_OG1to6_HvBC_SCX13.4008.4008.3.dta

scan 0; 1.5e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
274.1524	137.5801	1	E	11			
345.1895	173.0987	2	A	10	1357.7205	679.3642	453.2454
474.2321	237.6200	3	E	9	1286.6834	643.8456	429.5663
531.2536	266.1307	4	G	8	1157.6408	579.3243	386.5521
618.2856	309.6467	5	S	7	1100.6193	550.8136	367.5450
705.3176	353.1627	6	S	6	1013.5873	507.2976	338.5343
776.3547	388.6813	7	A	5	926.5553	463.7816	309.5236
905.3973	453.2026	8	E	4	855.5182	428.2630	285.8446
1068.4606	534.7342	9	Y	3	726.4756	363.7417	242.8304
1340.6576	670.8327	10	K	2	563.4122	282.2100	188.4760
		11	K	1	291.2153	146.1116	97.7437

N-term:+145.11 K(10):+272.20 K(11):+272.20

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

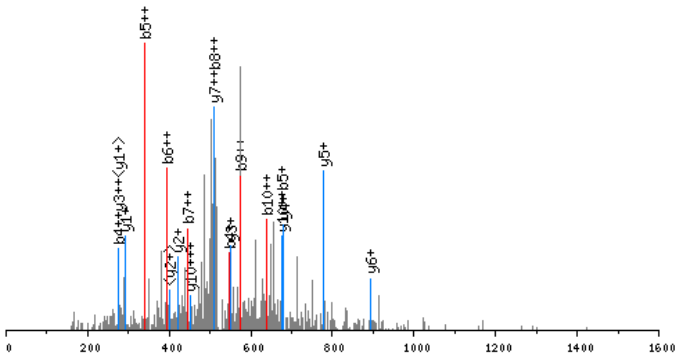
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

APPHELTEEEK, MH+ 1567.8209, m/z 523.2785
tgriffin_bandh003_101409_UNT_OGLto6_HvBC_SCX13.5859.5859.3.dta

scan 0; 1.4e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
216.1469	108.5774	1	A	11			
313.1997	157.1037	2	P	10	1352.6819	676.8448	451.5658
410.2524	205.6301	3	P	9	1255.6291	628.3185	419.2149
547.3113	274.1596	4	H	8	1158.5763	579.7921	386.8640
676.3539	338.6809	5	E	7	1021.5174	511.2626	341.1777
789.4380	395.2229	6	L	6	892.4748	446.7413	298.1635
890.4857	445.7468	7	T	5	779.3908	390.1993	260.4688
1019.5283	510.2680	8	E	4	678.3431	339.6755	226.7862
1148.5709	574.7893	9	E	3	549.3005	275.1542	183.7721
1277.6135	639.3106	10	E	2	420.2579	210.6329	140.7579
		11	K	1	291.2153	146.1116	97.7437

N-term:+145.11 K(11):+272.20

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

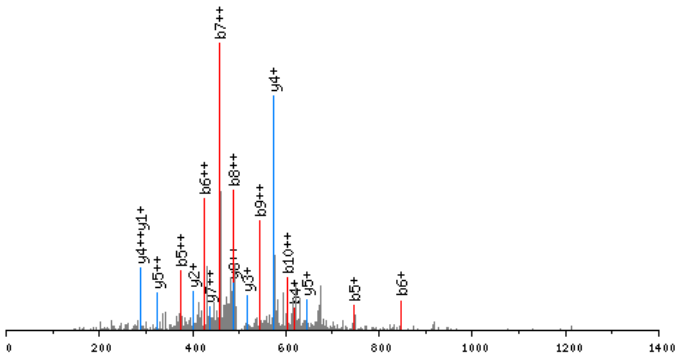
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

HQIVEVAGDDK, MH+ 1490.7967, m/z 497.6038
tgriffin_bandh003_101409_UNT_OGIt06_HvBC_SCX13.5947.5947.3.dta

scan 0: 2.6e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
278.1617	139.5848	1	H	11			
406.2203	203.6141	2	Q	10	1213.6428	607.3253	405.2195
519.3043	260.1561	3	I	9	1085.5843	543.2960	362.5333
618.3728	309.6903	4	V	8	972.5002	486.7540	324.8386
747.4153	374.2116	5	E	7	873.4318	437.2198	291.8158
846.4838	423.7458	6	V	6	744.3892	372.6985	248.8016
917.5209	459.2644	7	A	5	645.3208	323.1643	215.7788
974.5423	487.7751	8	G	4	574.2837	287.6457	192.0998
1089.5693	545.2886	9	D	3	517.2622	259.1350	173.0926
1204.5962	602.8020	10	D	2	402.2353	201.6215	134.7503
		11	K	1	287.2083	144.1081	96.4080

N-term:+141.10 K(11):+268.19

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

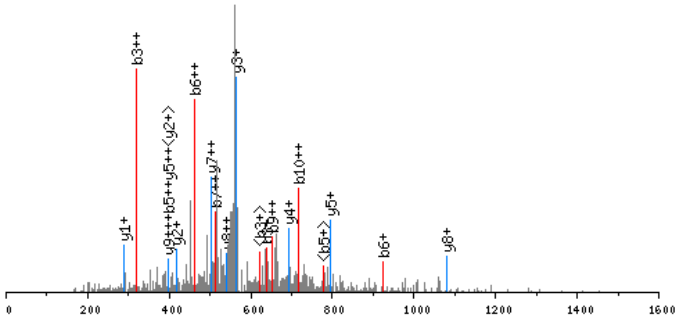
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

KIDASQTEFEK, MH+ 1715.9332, m/z 572.6493
tgriffin_bandh003_101409_UNT_OG1to6_HvBC_SCX13.7378.7378.3.dta

scan 0: 1.7e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
409.2927	205.1503	1	K	11			
522.3768	261.6923	2	I	10	1307.6483	654.3281	436.5547
637.4037	319.2058	3	D	9	1194.5643	597.7860	398.8600
708.4408	354.7243	4	A	8	1079.5373	540.2726	360.5177
795.4729	398.2403	5	S	7	1008.5002	504.7540	336.8386
923.5314	462.2696	6	Q	6	921.4682	461.2380	307.8279
1024.5791	512.7935	7	T	5	793.4096	397.2087	265.1417
1153.6217	577.3148	8	E	4	692.3619	346.6849	231.4592
1300.6901	650.8490	9	F	3	563.3193	282.1636	188.4450
1429.7327	715.3703	10	E	2	416.2509	208.6294	139.4222
		11	K	1	287.2083	144.1081	96.4080

N-term:+141.10 K(1):+268.19 K(11):+268.19

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

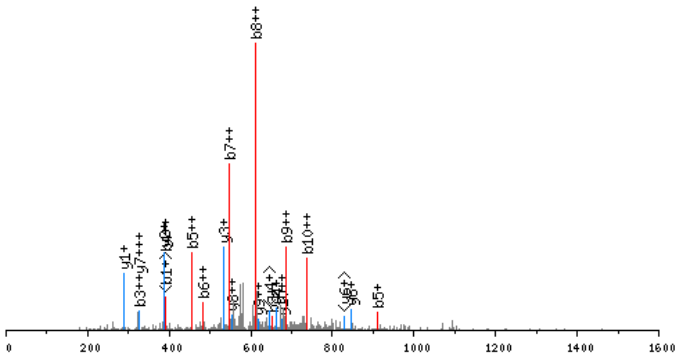
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

KLEEEGEQFVK, MH+ 1755.9645, m/z 585.9930
tgriffin_bandh003_101409_UNT_OGIt06_HvBC_SCX13.9266.9266.3.dta

scan 0; 1.2e+004



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
409.2927	205.1503	1	K	11			
522.3768	261.6923	2	L	10	1347.6796	674.3437	449.8984
651.4194	326.2136	3	E	9	1234.5956	617.8017	412.2037
780.4620	390.7349	4	E	8	1105.5530	553.2804	369.1895
909.5046	455.2562	5	E	7	976.5104	488.7591	326.1753
966.5260	483.7669	6	G	6	847.4678	424.2378	283.1611
1095.5686	548.2882	7	E	5	790.4463	395.7271	264.1540
1223.6272	612.3175	8	Q	4	661.4037	331.2058	221.1398
1370.6956	685.8517	9	F	3	533.3451	267.1765	178.4536
1469.7640	735.3859	10	V	2	386.2767	193.6423	129.4308
		11	K	1	287.2083	144.1081	96.4080

N-term:+141.10 K(1):+268.19 K(11):+268.19

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

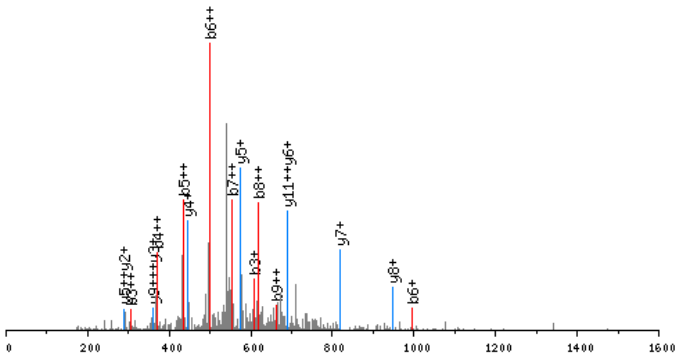
hide H₂O/NH₃

zoom 112-122

GO

YYHEEELESALR, MH+ 1682.8147, m/z 561.6097
tgriffin_bandh003_101409_UNT_OG1to6_HvBC_SCX13.10193.10193.3.dta

scan 0: 4.6e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
308.1731	154.5905	1	Y	12			
471.2364	236.1221	2	Y	11	1375.6494	688.3286	459.2217
608.2954	304.6516	3	H	10	1212.5861	606.7969	404.8672
737.3380	369.1729	4	E	9	1075.5271	538.2675	359.1809
866.3805	433.6942	5	E	8	946.4846	473.7462	316.1667
995.4231	498.2155	6	E	7	817.4420	409.2249	273.1525
1108.5072	554.7575	7	L	6	688.3994	344.7036	230.1383
1237.5498	619.2788	8	E	5	575.3153	288.1616	192.4437
1324.5818	662.7948	9	S	4	446.2727	223.6403	149.4295
1395.6189	698.3134	10	A	3	359.2407	180.1243	120.4188
1508.7030	754.8554	11	L	2	288.2036	144.6057	96.7397
		12	R	1	175.1195	88.0637	59.0451

N-term:+145.11

X-range:

0

-

0

MassTol: Y-zoom:

0.950

1.00

MassType:

AVG

MONO

Axis:

1

2

Label:

I

M

-

Ions:

a

b

c

x

y

z

+

2+

3+

+

2+

3+

+

2+

3+

+

2+

3+

+

2+

3+

+

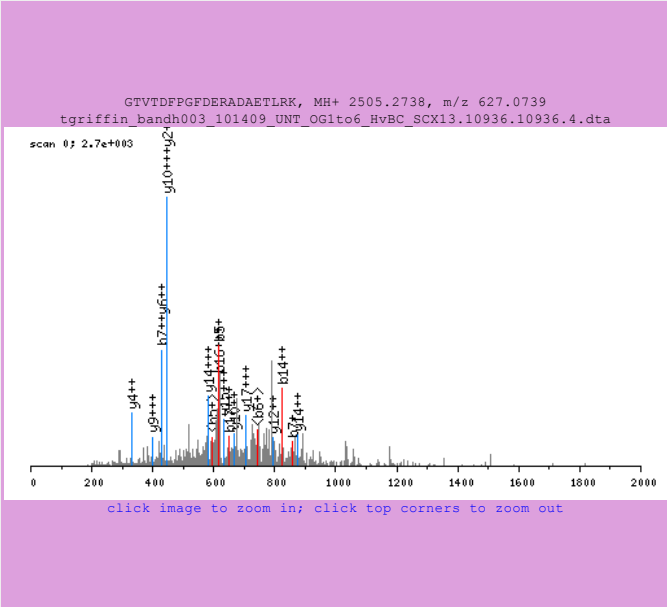
2+

3+

hide H₂O/NH₃

zoom 112-122

GO



b ⁺	b ²⁺	b ³⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
198.1243	99.5660	66.7133	1	G	20			
299.1719	150.0899	100.3959	2	T	19	2308.1573	1154.5826	770.0577
398.2403	199.6241	133.4187	3	V	18	2207.1097	1104.0587	736.3751
499.2880	250.1479	167.1012	4	T	17	2108.0413	1054.5245	703.3523
614.3150	307.6614	205.4435	5	D	16	2006.9936	1004.0007	669.6697
761.3834	381.1956	254.4663	6	F	15	1891.9666	946.4872	631.3274
858.4361	429.7220	286.8173	7	P	14	1744.8982	872.9530	582.3046
915.4576	458.2327	305.8244	8	G	13	1647.8455	824.4266	549.9537
1062.5260	531.7669	354.8472	9	F	12	1590.8240	795.9159	530.9465
1177.5530	589.2804	393.1895	10	D	11	1443.7556	722.3817	481.9237
1306.5956	653.8017	436.2037	11	E	10	1328.7286	664.8682	443.5814
1462.6967	731.8522	488.2374	12	R	9	1199.6860	600.3469	400.5672
1533.7338	767.3708	511.9165	13	A	8	1043.5849	522.2964	348.5335
1648.7607	824.8843	550.2588	14	D	7	972.5478	486.7778	324.8545
1719.7978	860.4028	573.9378	15	A	6	857.5209	429.2644	286.5122
1848.8404	924.9241	616.9520	16	E	5	786.4838	393.7458	262.8331
1949.8881	975.4480	650.6346	17	T	4	657.4412	329.2245	219.8189
2062.9722	1031.9900	688.3293	18	L	3	556.3935	278.7007	186.1364
2219.0733	1110.0406	740.3630	19	R	2	443.3094	222.1586	148.4417
			20	K	1	287.2083	144.1081	96.4080

N-term:+141.10 K(20):+268.19

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

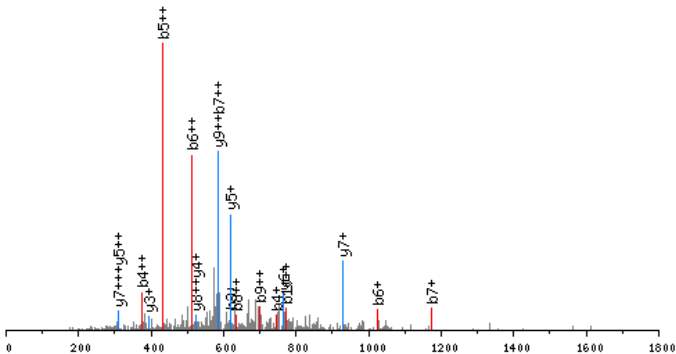
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

SKIEDYFPEFAR, MH+ 1789.9366, m/z 597.3171
tgriffin_bandh003_101409_UNT_OG1to6_HvBC_SCX13.13160.13160.3.dta

scan 0; 1.2e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
232.1418	116.5748	1	S	12			
504.3387	252.6733	2	K	11	1558.8027	779.9052	520.2728
617.4228	309.2153	3	I	10	1286.6057	643.8068	429.5405
746.4654	373.7366	4	E	9	1173.5217	587.2647	391.8458
861.4923	431.2501	5	D	8	1044.4791	522.7434	348.8316
1024.5557	512.7817	6	Y	7	929.4521	465.2300	310.4893
1171.6241	586.3160	7	F	6	766.3888	383.6983	256.1348
1268.6768	634.8423	8	P	5	619.3204	310.1641	207.1120
1397.7194	699.3636	9	E	4	522.2676	261.6377	174.7611
1544.7879	772.8978	10	F	3	393.2250	197.1164	131.7469
1615.8250	808.4164	11	A	2	246.1566	123.5822	82.7241
		12	R	1	175.1195	88.0637	59.0451

N-term:+145.11 K(2):+272.20

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

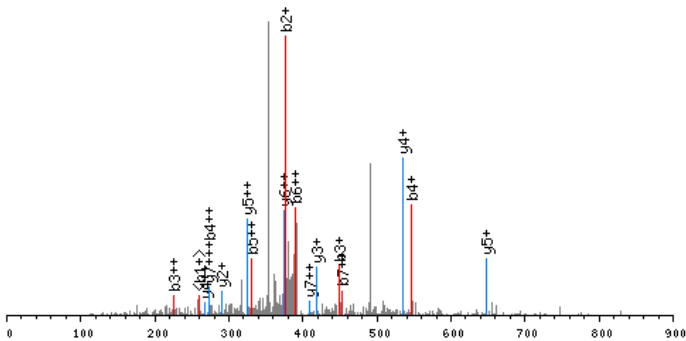
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

HVAVLDEDR, MH+ 1193.6279, m/z 398.5475
tgriffin_bandh003_101409_UNT_OG1to6_HvBC_SCX14.5815.5815.3.dta

scan 0; 2.7e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
278.1617	139.5848	1	H	9			
377.2301	189.1190	2	V	8	916.4740	458.7409	306.1632
448.2672	224.6375	3	A	7	817.4056	409.2067	273.1404
547.3356	274.1717	4	V	6	746.3685	373.6881	249.4614
660.4197	330.7138	5	L	5	647.3000	324.1539	216.4386
775.4466	388.2272	6	D	4	534.2160	267.6119	178.7439
904.4892	452.7485	7	E	3	419.1890	210.0984	140.4016
1019.5162	510.2620	8	D	2	290.1464	145.5771	97.3874
		9	R	1	175.1195	88.0637	59.0451

N-term:+141.10

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

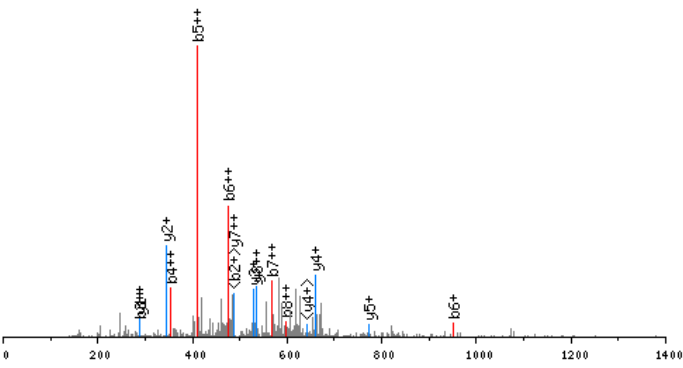
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

KPAEDEWGK, MH+ 1479.7960, m/z 493.9368
tgriffin_bandh003_101409_UNT_OG1to6_HvBC_SCX14.6279.6279.3.dta

scan 0: 8.7e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
409.2927	205.1503	1	K	9			
506.3455	253.6767	2	P	8	1071.5111	536.2595	357.8422
577.3826	289.1952	3	A	7	974.4583	487.7331	325.4913
706.4252	353.7165	4	E	6	903.4212	452.2145	301.8123
821.4521	411.2300	5	D	5	774.3786	387.6932	258.7981
950.4947	475.7513	6	E	4	659.3517	330.1798	220.4558
1136.5740	568.7909	7	W	3	530.3091	265.6585	177.4416
1193.5955	597.3017	8	G	2	344.2298	172.6188	115.4151
		9	K	1	287.2083	144.1081	96.4080

N-term:+141.10 K(1):+268.19 K(9):+268.19

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☒ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

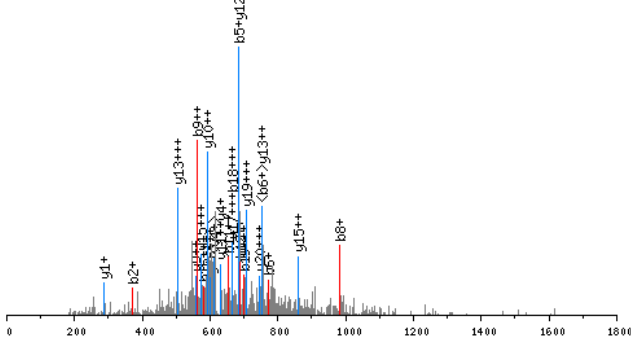
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

DDAGWSPLHIAASAGRDEIVK, MH+ 2488.2948, m/z 622.8292
tgriffin_bandh003_101409_UNT_OG1to6_HvBC_SCX14.12052.12052.4.dta

scan 0: 8.1e+002



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	b ³⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
256.1297	128.5688	86.0485	1	D	21			
371.1567	186.0822	124.3908	2	D	20	2233.1729	1117.0904	745.0629
442.1938	221.6008	148.0698	3	A	19	2118.1460	1059.5769	706.7205
499.2153	250.1115	167.0770	4	G	18	2047.1089	1024.0584	683.0415
685.2946	343.1512	229.1034	5	W	17	1990.0874	995.5476	664.0344
772.3266	386.6672	258.1141	6	S	16	1804.0081	902.5080	602.0079
869.3794	435.1936	290.4650	7	P	15	1716.9761	858.9920	572.9972
982.4634	491.7356	328.1597	8	L	14	1619.9233	810.4656	540.6463
1119.5223	560.2651	373.8460	9	H	13	1506.8393	753.9235	502.9516
1232.6064	616.8071	411.5407	10	I	12	1369.7803	685.3941	457.2653
1303.6435	652.3257	435.2197	11	A	11	1256.6963	628.8520	419.5706
1374.6806	687.8442	458.8988	12	A	10	1185.6592	593.3335	395.8916
1461.7127	731.3602	487.9094	13	S	9	1114.6220	557.8149	372.2126
1532.7498	766.8788	511.5885	14	A	8	1027.5900	514.2989	343.2019
1589.7712	795.3895	530.5956	15	G	7	956.5529	478.7804	319.5229
1745.8723	873.4401	582.6293	16	R	6	899.5314	450.2696	300.5157
1860.8993	930.9536	620.9716	17	D	5	743.4303	372.2191	248.4820
1989.9419	995.4749	663.9858	18	E	4	628.4034	314.7056	210.1397
2103.0259	1052.0169	701.6805	19	I	3	499.3608	250.1843	167.1255
2202.0944	1101.5511	734.7033	20	V	2	386.2767	193.6423	129.4308
			21	K	1	287.2083	144.1081	96.4080

N-term:+141.10 K(21):+268.19

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

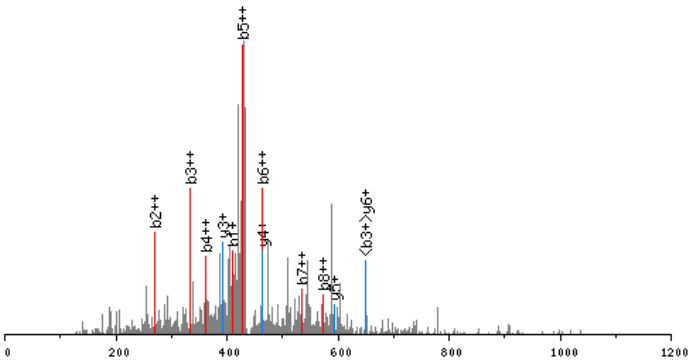
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

KEEGEAFAR, MH+ 1316.6963, m/z 439.5703
tgriffin_bandh003_101409_UNT_OG1to6_HvBC_SCX15.4292.4292.3.dta

scan 0: 1.2e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
409.2927	205.1503	1	K	9			
538.3353	269.6716	2	E	8	908.4114	454.7096	303.4757
667.3779	334.1929	3	E	7	779.3688	390.1883	260.4615
724.3994	362.7036	4	G	6	650.3262	325.6670	217.4473
853.4420	427.2249	5	E	5	593.3047	297.1563	198.4401
924.4791	462.7434	6	A	4	464.2621	232.6350	155.4259
1071.5475	536.2777	7	F	3	393.2250	197.1164	131.7469
1142.5846	571.7962	8	A	2	246.1566	123.5822	82.7241
		9	R	1	175.1195	88.0637	59.0451

N-term:+141.10 K(1):+268.19

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

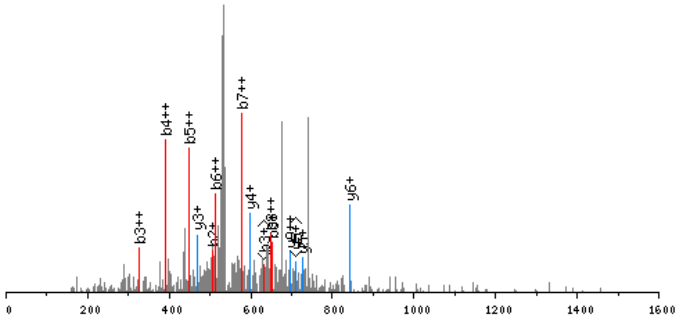
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

SKFENEFFR, MH+ 1620.8264, m/z 540.9470
tgriffin_bandh003_101409_UNT_OG1to6_HvBC_SCX15.9311.9311.3.dta

scan 0: 2.0e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
232.1418	116.5748	1	S	10			
504.3387	252.6733	2	K	9	1389.6924	695.3501	463.9027
651.4072	326.2075	3	F	8	1117.4954	559.2516	373.1704
780.4497	390.7288	4	E	7	970.4270	485.7174	324.1476
894.4927	447.7503	5	N	6	841.3844	421.1961	281.1334
1023.5353	512.2715	6	E	5	727.3415	364.1747	243.1191
1152.5779	576.7928	7	E	4	598.2989	299.6534	200.1049
1299.6463	650.3271	8	F	3	469.2563	235.1321	157.0907
1446.7147	723.8613	9	F	2	322.1879	161.5979	108.0679
		10	R	1	175.1195	88.0637	59.0451

N-term:+145.11 K(2):+272.20

X-range: -

MassTol: Y-zoom:

MassType: ☐ AVG ☒ MONO

Axis: ☒ 1 ☐ 2

Label: ☐ I ☐ M ☐ -

Ions: ☐ a ☐ + ☐ 2+ ☐ 3+

☒ b ☒ + ☒ 2+ ☒ 3+

☐ c ☐ + ☐ 2+ ☐ 3+

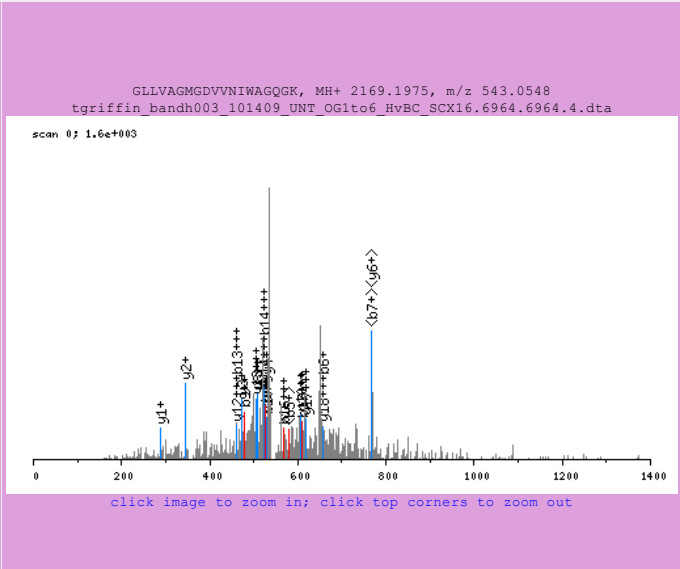
☐ x ☐ + ☐ 2+ ☐ 3+

☒ y ☒ + ☒ 2+ ☒ 3+

☐ z ☐ + ☐ 2+ ☐ 3+

hide $\text{H}_2\text{O}/\text{NH}_3$ ☐

zoom 112-122 ☐

[illegible]

X-range:

0

0

MassTol: Y-zoom:

0.950

1.00

MassType:

AVG

MONO

Axis:

1

2

Label:

I

M

-

Ions:

a

b

c

x

y

z

2+

3+

2+

3+

2+

3+

2+

3+

2+

3+

2+

3+

2+

3+

2+

3+

2+

3+

hide H₂O/NH₃

zoom 112-122

GO

KIGEEIIQKPEEK, MH+ 2117.1970, m/z 530.0547
tgriffin_bandh003_101409_UNT_OG1to6_HvBC_SCX18.6029.6029.4.dta

scan 0: 2.0e+003

click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	b ³⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
409.2927	205.1503	137.1028	1	K	13			
522.3768	261.6923	174.7975	2	I	12	1708.9121	854.9600	570.3093
579.3982	290.2030	193.8046	3	G	11	1595.8281	798.4180	532.6146
708.4408	354.7243	236.8188	4	E	10	1538.8066	769.9072	513.6074
837.4834	419.2456	279.8330	5	E	9	1409.7640	705.3859	470.5932
966.5260	483.7669	322.8472	6	E	8	1280.7214	640.8646	427.5790
1079.6101	540.3090	360.5419	7	I	7	1151.6788	576.3433	384.5648
1207.6687	604.3382	403.2281	8	Q	6	1038.5948	519.8013	346.8701
1475.8586	738.4332	492.6247	9	K	5	910.5362	455.7720	304.1839
1572.9114	786.9596	524.9757	10	P	4	642.3463	321.6770	214.7873
1701.9539	851.4809	567.9899	11	E	3	545.2935	273.1507	182.4364
1830.9965	916.0022	611.0041	12	E	2	416.2509	208.6294	139.4222
			13	K	1	287.2083	144.1081	96.4080

N-term:+141.10 K(1):+268.19 K(9):+268.19 K(13):+268.19

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☒ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

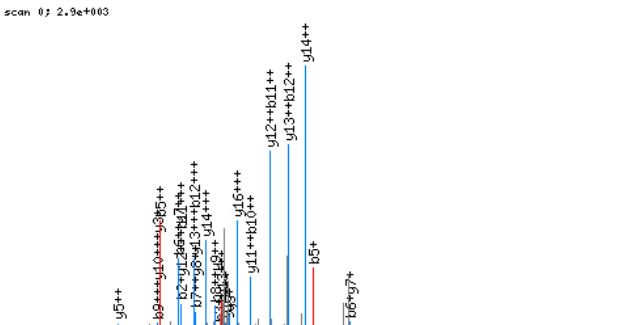
z ☐ + ☐ 2+ ☐ 3+

hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

TTAAIAAAAAAYAAATSS, MH+ 1764.9132, m/z 441.9838
tgriffin_bandh003_101409_UNT_OG1to6_HvBC_SCX20.6042.6042.4.dta



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	b ³⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
242.1505	121.5791	81.3887	1	T	19			
343.1981	172.1030	115.0713	2	T	18	1523.7706	762.3892	508.5954
414.2353	207.6215	138.7503	3	A	17	1422.7229	711.8654	474.9128
485.2724	243.1401	162.4293	4	A	16	1351.6858	676.3468	451.2338
598.3564	299.6821	200.1240	5	I	15	1280.6487	640.8282	427.5548
669.3936	335.2007	223.8031	6	A	14	1167.5646	584.2862	389.8601
740.4307	370.7192	247.4821	7	A	13	1096.5275	548.7677	366.1810
811.4678	406.2378	271.1611	8	A	12	1025.4904	513.2491	342.5020
882.5049	441.7564	294.8402	9	A	11	954.4533	477.7305	318.8230
953.5420	477.2749	318.5192	10	A	10	883.4161	442.2120	295.1439
1024.5791	512.7935	342.1983	11	A	9	812.3790	406.6934	271.4649
1095.6162	548.3120	365.8773	12	A	8	741.3419	371.1749	247.7859
1258.6796	629.8437	420.2317	13	Y	7	670.3048	335.6563	224.1068
1329.7167	665.3623	443.9108	14	A	6	507.2415	254.1246	169.7524
1400.7538	700.8808	467.5898	15	A	5	436.2044	218.6061	146.0733
1471.7909	736.3994	491.2689	16	A	4	365.1672	183.0875	122.3943
1572.8386	786.9232	524.9514	17	T	3	294.1301	147.5690	98.7153
1659.8706	830.4392	553.9621	18	S	2	193.0824	97.0451	65.0327
			19	S	1	106.0504	53.5291	36.0220

N-term: +141.10

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☐ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☐ 3+

z ☐ + ☐ 2+ ☐ 3+

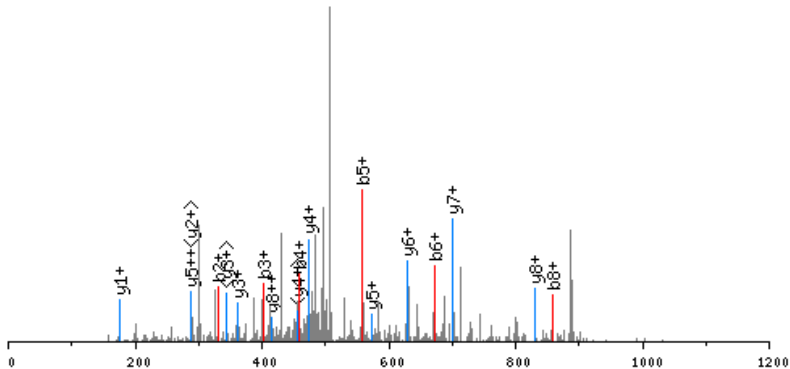
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

GEAGVIGER, MH+ 1031.5606, m/z 516.2840
tgriffin_bandh003_102309_untreat_OGlt06_HvBC_SCX8.4324.4324.2.dta

scan 0; 2.9e+003



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
202.1313	1	G	9		
331.1738	2	E	8	830.4372	415.7225
402.2110	3	A	7	701.3946	351.2012
459.2324	4	G	6	630.3575	315.6827
558.3008	5	V	5	573.3360	287.1719
671.3849	6	I	4	474.2676	237.6377
728.4064	7	G	3	361.1836	181.0957
857.4490	8	E	2	304.1621	152.5850
	9	R	1	175.1195	88.0637

N-term:+145.11

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☐ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☐ 3+

z ☐ + ☐ 2+ ☐ 3+

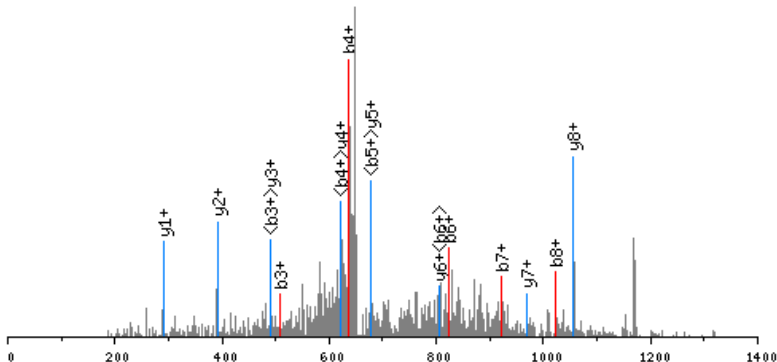
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

LSYEGEVTK, MH+ 1313.7194, m/z 657.3634
tgriffin_bandh003_102309_untreat_OG1to6_HvBC_SCX8.6474.6474.2.dta

scan 0; 1.7e+003



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
258.1939	1	L	9		
345.2259	2	S	8	1056.5334	528.7706
508.2892	3	Y	7	969.5014	485.2546
637.3318	4	E	6	806.4381	403.7229
694.3533	5	G	5	677.3955	339.2016
823.3959	6	E	4	620.3740	310.6909
922.4643	7	V	3	491.3314	246.1696
1023.5120	8	T	2	392.2630	196.6354
	9	K	1	291.2153	146.1116

N-term:+145.11 K(9):+272.20

X-range:

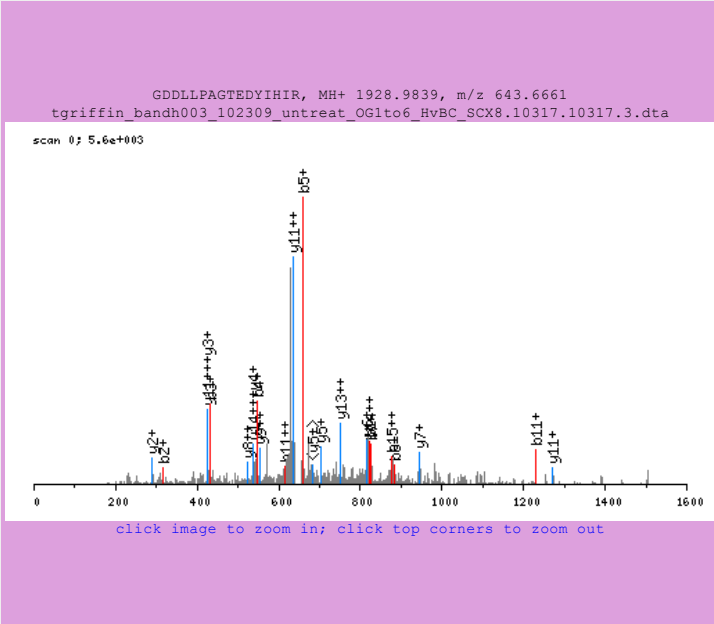
MassTol: Y-zoom:

MassType: ☐ AVG ☒ MONO

Axis: ☒ 1 ☐ 2

Label: ☐ I ☐ M ☐ -

Tons:
a ☐ ☐ 2+ ☐ 3+
b ☒ ☒ 2+ ☐ 3+
c ☐ ☐ 2+ ☐ 3+
x ☐ ☐ 2+ ☐ 3+
y ☒ ☒ 2+ ☒ 3+
z ☐ ☐ 2+ ☐ 3+
hide H₂O/NH₃ ☐
zoom 112-122 ☐

[illegible]

X-range:
00

MassTol: 0.950
Y-zoom: 1.00

MassType:
AVG MONO

Axis:
12

Label:
IM-

Ions:
a2+3+
b2+3+
c2+3+
x2+3+
y2+3+
z2+3+

hide H2O/NH3

zoom 112-122

GO

ITYEDHDTQQLGGFYSQVAK, MH+ 2621.3000, m/z 874.4382
tgriffin_bandh003_102309_untreat_OGLto6_HvBC_SCX8.10444.10444.3.dta

scan 0; 4.9e+003

click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
254.1869	127.5973	1	I	20			
417.2502	209.1290	2	Y	19	2368.1210	1184.5644	790.0455
546.2928	273.6503	3	E	18	2205.0576	1103.0327	735.6911
661.3197	331.1638	4	D	17	2076.0150	1038.5114	692.6769
798.3786	399.6932	5	H	16	1960.9881	980.9980	654.3346
913.4056	457.2067	6	D	15	1823.9292	912.4685	608.6483
984.4427	492.7253	7	A	14	1708.9022	854.9550	570.3060
1085.4904	543.2491	8	T	13	1637.8651	819.4365	546.6269
1213.5489	607.2784	9	Q	12	1536.8175	768.9126	512.9444
1341.6075	671.3077	10	Q	11	1408.7589	704.8833	470.2582
1454.6916	727.8497	11	L	10	1280.7003	640.8541	427.5720
1582.7502	791.8790	12	Q	9	1167.6162	584.3120	389.8773
1639.7716	820.3897	13	G	8	1039.5577	520.2827	347.1911
1786.8400	893.9239	14	F	7	982.5362	491.7720	328.1839
1949.9034	975.4556	15	Y	6	835.4678	418.2378	279.1611
2036.9354	1018.9716	16	S	5	672.4044	336.7061	224.8067
2164.9940	1083.0009	17	Q	4	585.3724	293.1901	195.7960
2264.0624	1132.5351	18	V	3	457.3138	229.1608	153.1098
2335.0995	1168.0537	19	A	2	358.2454	179.6266	120.0870
		20	K	1	287.2083	144.1081	96.4080

N-term:+141.10 K(20):+268.19

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

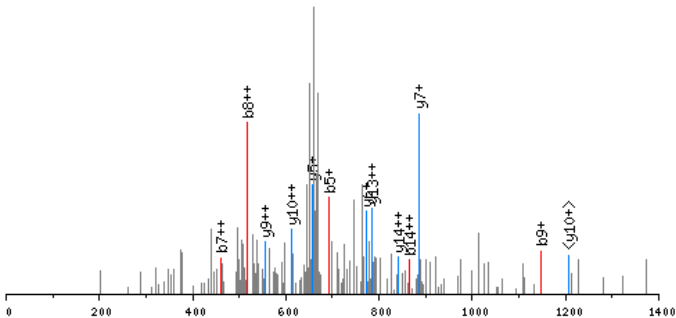
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

GFDQTINLILDESHER, MH+ 2031.0268, m/z 677.6804
tgriffin_bandh003_102309_untreat_OGLto6_HvBC_SCX8.12754.12754.3.dta

scan 0; 1.1e+002



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
202.1313	101.5695	1	G	16			
349.1997	175.1037	2	F	15	1829.9034	915.4556	610.6397
464.2266	232.6172	3	D	14	1682.8350	841.9214	561.6169
592.2852	296.6465	4	Q	13	1567.8080	784.4079	523.2746
693.3329	347.1703	5	T	12	1439.7494	720.3786	480.5884
806.4169	403.7124	6	I	11	1338.7018	669.8548	446.9058
920.4599	460.7338	7	N	10	1225.6177	613.3128	409.2111
1033.5439	517.2759	8	L	9	1111.5748	556.2913	371.1968
1146.6280	573.8179	9	I	8	998.4907	499.7493	333.5021
1259.7120	630.3599	10	L	7	885.4066	443.2072	295.8074
1374.7390	687.8734	11	D	6	772.3226	386.6652	258.1127
1503.7816	752.3947	12	E	5	657.2956	329.1517	219.7704
1590.8136	795.9107	13	S	4	528.2530	264.6304	176.7562
1727.8725	864.4402	14	H	3	441.2210	221.1144	147.7456
1856.9151	928.9615	15	E	2	304.1621	152.5850	102.0592
		16	R	1	175.1195	88.0637	59.0451

N-term:+145.11

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

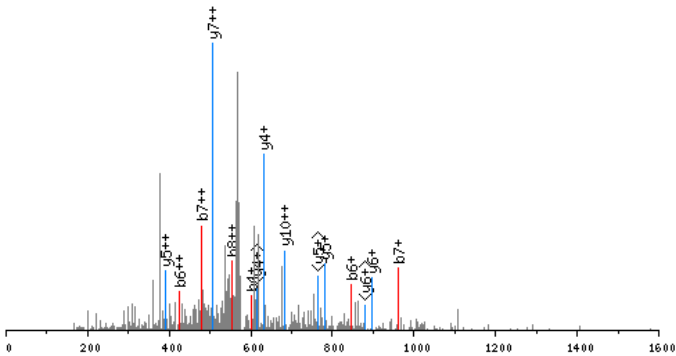
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

DDLIMLDFGEKR, MH+ 1739.9244, m/z 580.6463
tgriffin_bandh003_102309_untreat_OG1to6_HvBC_SCX9.4235.4235.3.dta

scan 0: 2.5e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
260.1367	130.5723	1	D	12			
375.1637	188.0857	2	D	11	1480.7955	740.9016	494.2704
488.2477	244.6278	3	L	10	1365.7685	683.3882	455.9281
601.3318	301.1698	4	I	9	1252.6845	626.8461	418.2334
732.3723	366.6901	5	M	8	1139.6004	570.3041	380.5387
845.4564	423.2321	6	L	7	1008.5599	504.7839	336.8585
960.4833	480.7456	7	D	6	895.4758	448.2418	299.1638
1107.5517	554.2798	8	F	5	780.4489	390.7284	260.8215
1164.5732	582.7905	9	G	4	633.3805	317.1942	211.7987
1293.6158	647.3118	10	E	3	576.3590	288.6834	192.7916
1565.8127	783.4103	11	K	2	447.3164	224.1621	149.7774
		12	R	1	175.1195	88.0637	59.0451

N-term:+145.11 K(11):+272.20

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+
b ☒ + ☐ 2+ ☐ 3+
c ☐ + ☐ 2+ ☐ 3+
x ☐ + ☐ 2+ ☐ 3+
y ☒ + ☒ 2+ ☐ 3+
z ☐ + ☐ 2+ ☐ 3+

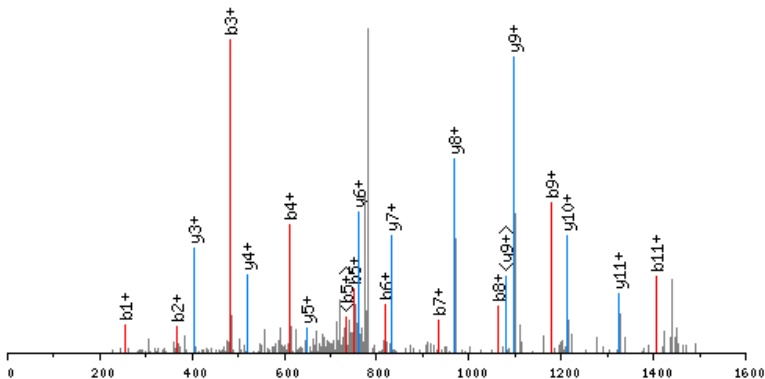
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

NIDEHANEDVER, MH+ 1580.7305, m/z 790.8689
tgriffin_bandh003_102309_untreat_OG1to6_HvBC_SCX9.4347.4347.2.dta

scan 0: 5.1e+002



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
255.1457	1	N	12		
368.2298	2	I	11	1326.5926	663.8002
483.2567	3	D	10	1213.5085	607.2582
612.2993	4	E	9	1098.4816	549.7447
749.3582	5	H	8	969.4390	485.2234
820.3953	6	A	7	832.3801	416.6940
934.4383	7	N	6	761.3430	381.1754
1063.4809	8	E	5	647.3000	324.1539
1178.5078	9	D	4	518.2575	259.6326
1277.5762	10	V	3	403.2305	202.1192
1406.6188	11	E	2	304.1621	152.5850
	12	R	1	175.1195	88.0637

N-term:+141.10

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

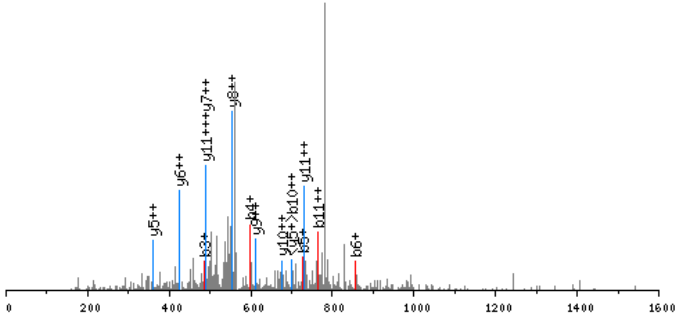
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

TLEDEEEQERER, MH+ 1702.7884, m/z 568.2676
tgriffin_bandh003_102309_untreat_OG1to6_HvBC_SCX9.5096.5096.3.dta

scan 0; 3.4e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
242.1505	121.5791	1	T	12			
355.2345	178.1212	2	L	11	1461.6458	731.3268	487.8871
484.2771	242.6425	3	E	10	1348.5617	674.7848	450.1924
599.3041	300.1559	4	D	9	1219.5191	610.2635	407.1782
728.3467	364.6772	5	E	8	1104.4922	552.7500	368.8359
857.3893	429.1985	6	E	7	975.4496	488.2287	325.8217
986.4318	493.7198	7	E	6	846.4070	423.7074	282.8075
1114.4904	557.7491	8	Q	5	717.3644	359.1861	239.7933
1243.5330	622.2704	9	E	4	589.3058	295.1568	197.1071
1399.6341	700.3210	10	R	3	460.2632	230.6355	154.0930
1528.6767	764.8423	11	E	2	304.1621	152.5850	102.0592
		12	R	1	175.1195	88.0637	59.0451

N-term:+141.10

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

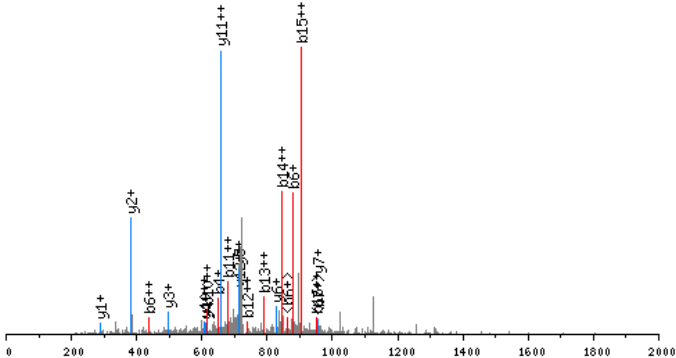
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

QHLENDPGSNEDTDIPK, MH+ 2189.0475, m/z 730.3540
tgriffin_bandh003_102309_untreat_OG1to6_HvBC_SCX9.5930.5930.3.dta

scan 0: 2.3e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
269.1614	135.0846	1	Q	17			
406.2203	203.6141	2	H	16	1920.8939	960.9509	640.9699
519.3043	260.1561	3	L	15	1783.8350	892.4214	595.2836
648.3469	324.6774	4	E	14	1670.7509	835.8794	557.5889
762.3899	381.6988	5	N	13	1541.7084	771.3581	514.5747
877.4168	439.2123	6	D	12	1427.6654	714.3366	476.5604
974.4696	487.7387	7	P	11	1312.6385	656.8232	438.2180
1031.4910	516.2494	8	G	10	1215.5857	608.2968	405.8671
1118.5231	559.7654	9	S	9	1158.5643	579.7860	386.8600
1232.5660	616.7869	10	N	8	1071.5322	536.2700	357.8493
1361.6086	681.3082	11	E	7	957.4893	479.2486	319.8350
1476.6355	738.8217	12	D	6	828.4467	414.7273	276.8208
1577.6832	789.3455	13	T	5	713.4198	357.2138	238.4785
1692.7101	846.8590	14	D	4	612.3721	306.6900	204.7959
1805.7942	903.4010	15	I	3	497.3451	249.1765	166.4536
1902.8470	951.9274	16	P	2	384.2611	192.6345	128.7589
		17	K	1	287.2083	144.1081	96.4080

N-term:+141.10 K(17):+268.19

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

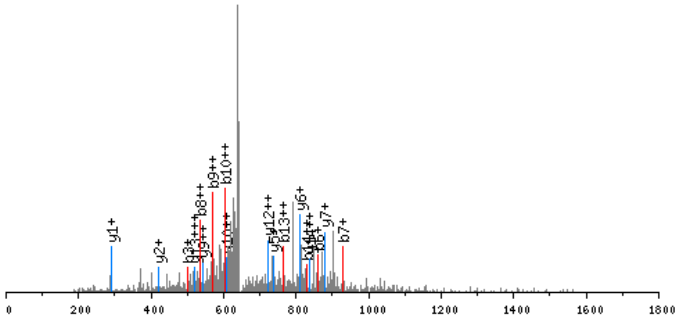
hide H₂O/NH₃

zoom 112-122

GO

ELDVEEAHAASTEELK, MH+ 1945.9596, m/z 649.3247
tgriffin_bandh003_102309_untreat_OG1to6_HvBC_SCX9.6558.6558.3.dta

scan 0; 1.8e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
274.1524	137.5801	1	E	15			
387.2364	194.1221	2	L	14	1672.8151	836.9114	558.2769
502.2634	251.6356	3	D	13	1559.7310	780.3694	520.5822
601.3318	301.1698	4	V	12	1444.7041	722.8559	482.2399
730.3744	365.6911	5	E	11	1345.6356	673.3217	449.2171
859.4170	430.2124	6	E	10	1216.5931	608.8004	406.2029
930.4541	465.7310	7	A	9	1087.5505	544.2791	363.1887
1067.5130	534.2604	8	H	8	1016.5133	508.7606	339.5097
1138.5501	569.7790	9	A	7	879.4544	440.2311	293.8234
1209.5872	605.2975	10	A	6	808.4173	404.7126	270.1443
1296.6193	648.8135	11	S	5	737.3802	369.1940	246.4653
1397.6669	699.3374	12	T	4	650.3482	325.6780	217.4546
1526.7095	763.8587	13	E	3	549.3005	275.1542	183.7721
1655.7521	828.3800	14	E	2	420.2579	210.6329	140.7579
		15	K	1	291.2153	146.1116	97.7437

N-term:+145.11 K(15):+272.20

X-range:

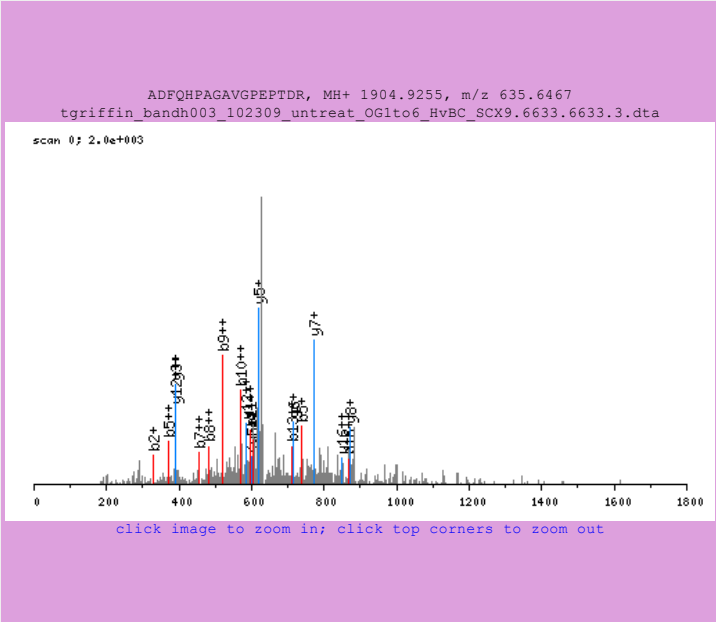
MassTol: Y-zoom:

MassType: ☐ AVG ☒ MONO

Axis: ☒ 1 ☐ 2

Label: ☐ I ☐ M ☐ -

Tons:
a ☐ ☐ 2+ ☐ 3+
b ☒ ☒ 2+ ☐ 3+
c ☐ ☐ 2+ ☐ 3+
x ☐ ☐ 2+ ☐ 3+
y ☒ ☒ 2+ ☒ 3+
z ☐ ☐ 2+ ☐ 3+
hide H₂O/NH₃ ☐
zoom 112-122 ☐



b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
212.1399	106.5739	1	A	17			
327.1668	164.0873	2	D	16	1693.7934	847.4006	565.2697
474.2353	237.6215	3	F	15	1578.7665	789.8872	526.9274
602.2938	301.6508	4	Q	14	1431.6981	716.3529	477.9046
739.3527	370.1803	5	H	13	1303.6395	652.3237	435.2184
836.4055	418.7067	6	P	12	1166.5806	583.7942	389.5321
907.4426	454.2252	7	A	11	1069.5278	535.2678	357.1812
964.4641	482.7360	8	G	10	998.4907	499.7493	333.5021
1035.5012	518.2545	9	A	9	941.4692	471.2385	314.4950
1134.5696	567.7887	10	V	8	870.4321	435.7200	290.8159
1191.5911	596.2995	11	G	7	771.3637	386.1858	257.7931
1288.6438	644.8258	12	P	6	714.3422	357.6750	238.7860
1417.6864	709.3471	13	E	5	617.2895	309.1487	206.4350
1514.7392	757.8735	14	P	4	488.2469	244.6274	163.4208
1615.7869	808.3974	15	T	3	391.1941	196.1010	131.0699
1730.8138	865.9108	16	D	2	290.1464	145.5771	97.3874
		17	R	1	175.1195	88.0637	59.0451
N-term:+141.10							

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

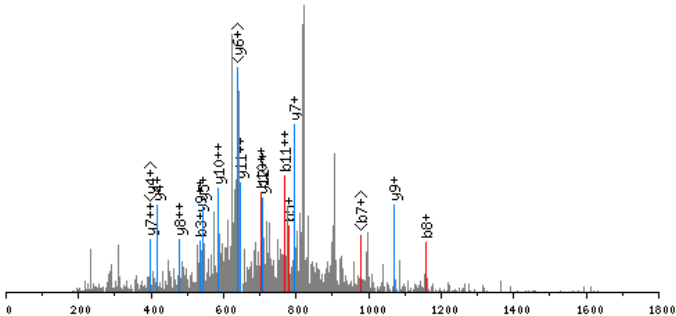
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

YLDEDTIYHLQPSGR, MH+ 1950.9682, m/z 650.9943
tgriffin_bandh003_102309_untreat_OGLto6_HvBC_SCX9.10199.10199.3.dta

scan 0; 1.3e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
308.1731	154.5905	1	Y	15			
421.2572	211.1325	2	L	14	1643.8029	822.4054	548.6062
536.2841	268.6460	3	D	13	1530.7189	765.8633	510.9115
665.3267	333.1673	4	E	12	1415.6919	708.3499	472.5692
780.3537	390.6807	5	D	11	1286.6493	643.8286	429.5550
881.4013	441.2046	6	T	10	1171.6224	586.3151	391.2127
994.4854	497.7466	7	I	9	1070.5747	535.7913	357.5301
1157.5487	579.2783	8	Y	8	957.4906	479.2492	319.8354
1294.6076	647.8077	9	H	7	794.4273	397.7176	265.4810
1407.6917	704.3498	10	L	6	657.3684	329.1881	219.7947
1535.7503	768.3791	11	Q	5	544.2843	272.6461	182.1000
1632.8030	816.9054	12	P	4	416.2258	208.6168	139.4138
1719.8351	860.4215	13	S	3	319.1730	160.0904	107.0629
1776.8565	888.9322	14	G	2	232.1410	116.5744	78.0522
		15	R	1	175.1195	88.0637	59.0451

N-term:+145.11

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

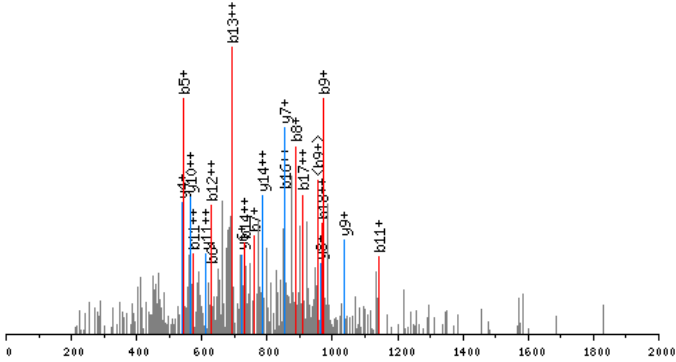
z ☐ + ☐ 2+ ☐ 3+

hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

scan 0; 1.5e+002



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
198.1243	99.5660	1	G	19			
285.1563	143.0821	2	S	18	1908.9667	954.9873	636.9941
356.1934	178.6006	3	A	17	1821.9347	911.4712	607.9834
427.2305	214.1192	4	A	16	1750.8976	875.9527	584.3044
542.2575	271.6326	5	D	15	1679.8604	840.4341	560.6254
629.2895	315.1487	6	S	14	1564.8335	782.9207	522.2830
758.3321	379.6699	7	E	13	1477.8015	739.4046	493.2724
887.3747	444.1912	8	E	12	1348.7589	674.8833	450.2582
974.4067	487.7073	9	S	11	1219.7163	610.3621	407.2440
1071.4595	536.2336	10	P	10	1132.6843	566.8460	378.2333
1142.4966	571.7522	11	A	9	1035.6315	518.3197	345.8824
1255.5806	628.2942	12	I	8	964.5944	482.8011	322.2033
1384.6232	692.8155	13	E	7	851.5103	426.2591	284.5087
1455.6603	728.3341	14	A	6	722.4677	361.7378	241.4945
1568.7444	784.8761	15	I	5	651.4306	326.2192	217.8154
1705.8033	853.4056	16	H	4	538.3465	269.6772	180.1207
1818.8874	909.9476	17	L	3	401.2876	201.1477	134.4344
1931.9714	966.4896	18	L	2	288.2036	144.6057	96.7397
		19	R	1	175.1195	88.0637	59.0451

N-term:+141.10

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

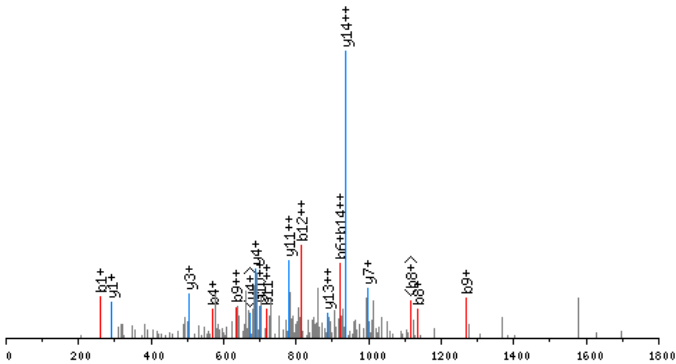
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

DPPDYWTIHGLWPK, MH+ 2128.0745, m/z 710.0297
tgriffin_bandh003_102309_untreat_OGLto6_HvBC_SCX9.12483.12483.3.dta

scan 0; 3.1e+002



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
260.1367	130.5723	1	D	15			
357.1895	179.0987	2	P	14	1868.9456	934.9767	623.6538
454.2423	227.6250	3	P	13	1771.8929	886.4503	591.3028
569.2692	285.1385	4	D	12	1674.8401	837.9240	558.9519
732.3325	366.6702	5	Y	11	1559.8132	780.4105	520.6096
918.4118	459.7098	6	W	10	1396.7498	698.8788	466.2552
1019.4595	510.2337	7	T	9	1210.6705	605.8392	404.2287
1132.5436	566.7757	8	I	8	1109.6228	555.3153	370.5462
1269.6025	635.3052	9	H	7	996.5388	498.7733	332.8515
1326.6240	663.8159	10	G	6	859.4799	430.2438	287.1652
1439.7080	720.3579	11	L	5	802.4584	401.7331	268.1580
1625.7873	813.3976	12	W	4	689.3743	345.1911	230.4633
1722.8401	861.9240	13	P	3	503.2950	252.1514	168.4369
1837.8670	919.4374	14	D	2	406.2423	203.6250	136.0860
		15	K	1	291.2153	146.1116	97.7437

N-term:+145.11 K(15):+272.20

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+
b ☒ + ☒ 2+ ☐ 3+
c ☐ + ☐ 2+ ☐ 3+
x ☐ + ☐ 2+ ☐ 3+
y ☒ + ☒ 2+ ☒ 3+
z ☐ + ☐ 2+ ☐ 3+

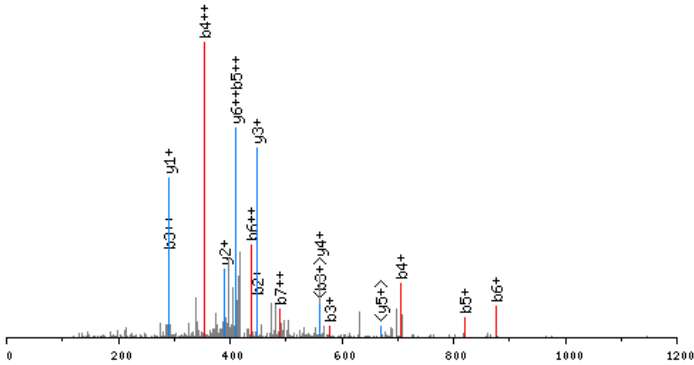
hide H₂O/NH₃

zoom 112-122

GO

RFEELGVK, MH+ 1265.7459, m/z 422.5868
tgriffin_bandh003_102509_unut_OG7to14_HvBC_SCX8.7040.7040.3.dta

scan 0; 8.5e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
301.2109	151.1094	1	R	8			
448.2793	224.6436	2	F	7	965.5429	483.2753	322.5195
577.3219	289.1649	3	E	6	818.4744	409.7411	273.4967
706.3645	353.6862	4	E	5	689.4319	345.2198	230.4825
819.4486	410.2282	5	L	4	560.3893	280.6985	187.4683
876.4700	438.7389	6	G	3	447.3052	224.1565	149.7736
975.5384	488.2731	7	V	2	390.2837	195.6458	130.7665
		8	K	1	291.2153	146.1116	97.7437

N-term:+145.11 K(8);+272.20

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

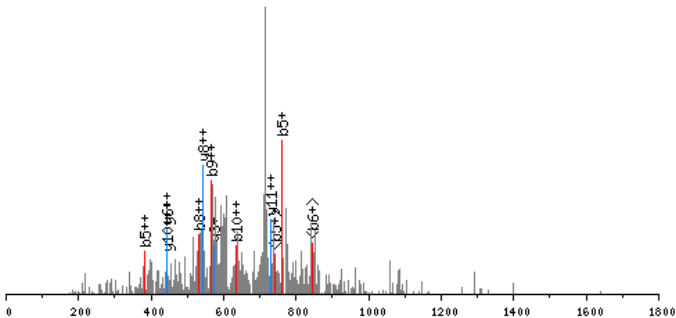
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

ENEMLVTVAHFHK, MH+ 1842.9778, m/z 614.9975
tgriffin_bandh003_102509_unt_OG7to14_HvBC_SCX8.7765.7765.3.dta

scan 0: 4.2e+002



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
274.1524	137.5801	1	E	13			
388.1953	194.6016	2	N	12	1569.8332	785.4205	523.9496
517.2379	259.1229	3	E	11	1455.7903	728.3991	485.9353
648.2784	324.6431	4	M	10	1326.7477	663.8778	442.9211
761.3625	381.1851	5	L	9	1195.7072	598.3575	399.2410
860.4309	430.7193	6	V	8	1082.6232	541.8155	361.5463
961.4785	481.2432	7	T	7	983.5548	492.2813	328.5235
1060.5470	530.7774	8	V	6	882.5071	441.7575	294.8409
1131.5841	566.2959	9	A	5	783.4387	392.2232	261.8181
1268.6430	634.8254	10	H	4	712.4016	356.7047	238.1391
1415.7114	708.3596	11	F	3	575.3426	288.1752	192.4528
1552.7703	776.8891	12	H	2	428.2742	214.6410	143.4300
		13	K	1	291.2153	146.1116	97.7437

N-term:+145.11 K(13):+272.20

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+
b ☒ + ☒ 2+ ☐ 3+
c ☐ + ☐ 2+ ☐ 3+
x ☐ + ☐ 2+ ☐ 3+
y ☒ + ☒ 2+ ☒ 3+
z ☐ + ☐ 2+ ☐ 3+

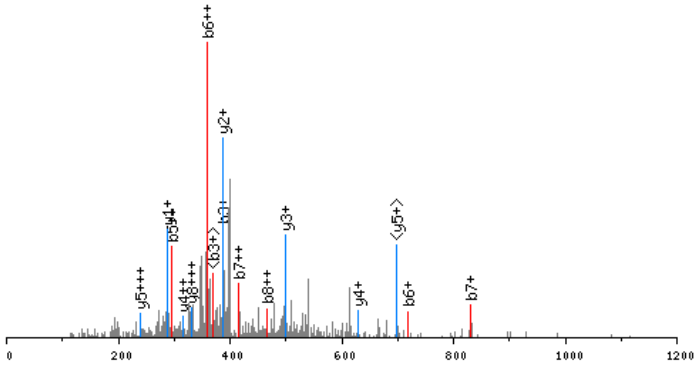
hide H₂O/NH₃

zoom 112-122

GO

SGVNSELVK, MH+ 1216.7022, m/z 406.2389
tgriffin_bandh003_102509_unt_OG7to14_HvBC_SCX9_2.5651.5651.3.dta

scan 0; 1.7e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
232.1418	116.5748	1	S	9			
289.1633	145.0856	2	G	8	985.5682	493.2880	329.1946
388.2317	194.6198	3	V	7	928.5468	464.7773	310.1875
502.2746	251.6412	4	N	6	829.4783	415.2431	277.1647
589.3067	295.1572	5	S	5	715.4354	358.2216	239.1504
718.3492	359.6785	6	E	4	628.4034	314.7056	210.1397
831.4333	416.2206	7	L	3	499.3608	250.1843	167.1255
930.5017	465.7548	8	V	2	386.2767	193.6423	129.4308
		9	K	1	287.2083	144.1081	96.4080

N-term:+145.11 K(9):+268.19

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☒ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

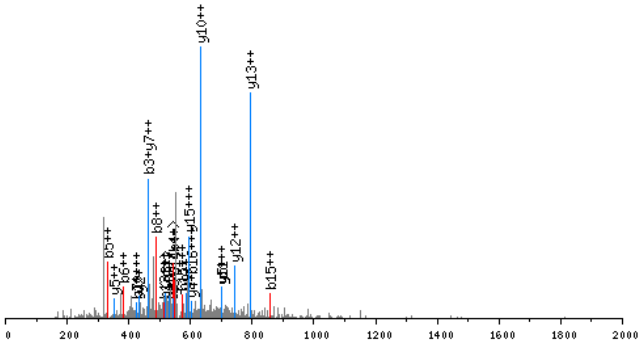
z ☐ + ☐ 2+ ☐ 3+

hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

scan 0: 2.7e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	b ³⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
270.1454	135.5766	90.7203	1	E	18			
327.1668	164.0873	109.7275	2	G	17	1975.0401	988.0240	659.0186
464.2258	232.6168	155.4138	3	H	16	1918.0187	959.5132	640.0114
561.2785	281.1432	187.7647	4	P	15	1780.9598	890.9838	594.3251
660.3469	330.6774	220.7875	5	V	14	1683.9070	842.4574	561.9742
761.3946	381.2012	254.4701	6	T	13	1584.8386	792.9232	528.9514
848.4266	424.7172	283.4808	7	S	12	1483.7909	742.3994	495.2689
977.4692	489.2385	326.4950	8	E	11	1396.7589	698.8833	466.2582
1074.5220	537.7649	358.8459	9	P	10	1267.7163	634.3621	423.2440
1161.5540	581.2809	387.8566	10	S	9	1170.6635	585.8357	390.8931
1317.6551	659.3315	439.8903	11	R	8	1083.6315	542.3197	361.8824
1414.7079	707.8579	472.2412	12	P	7	927.5304	464.2691	309.8487
1543.7505	772.3792	515.2554	13	E	6	830.4776	415.7427	277.4978
1640.8033	820.9055	547.6063	14	P	5	701.4350	351.2214	234.4836
1711.8404	856.4241	571.2853	15	A	4	604.3823	302.6950	202.1326
1810.9088	905.9583	604.3081	16	V	3	533.3451	267.1765	178.4536
1957.9772	979.4925	653.3310	17	F	2	434.2767	217.6423	145.4308
			18	K	1	287.2083	144.1081	96.4080

N-term:+141.10 K(18):+268.19

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

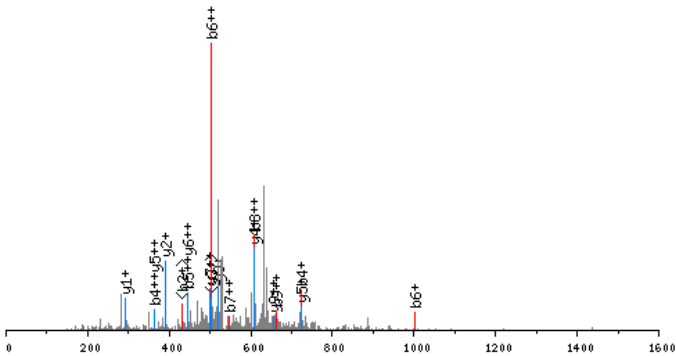
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

RFYLYDSETK, MH+ 1609.8468, m/z 537.2871
tgriffin_bandh003_102509_unt_OG7to14_HvBC_SCX9_2.7813.7813.3.dta

scan 0; 1.2e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
301.2109	151.1094	1	R	10			
448.2793	224.6436	2	F	9	1309.6437	655.3258	437.2198
611.3426	306.1752	3	Y	8	1162.5753	581.7916	388.1970
724.4267	362.7173	4	L	7	999.5120	500.2599	333.8425
887.4900	444.2489	5	Y	6	886.4279	443.7179	296.1478
1002.5170	501.7624	6	D	5	723.3646	362.1862	241.7934
1089.5490	545.2784	7	S	4	608.3376	304.6727	203.4511
1218.5916	609.7997	8	E	3	521.3056	261.1567	174.4404
1319.6393	660.3236	9	T	2	392.2630	196.6354	131.4262
		10	K	1	291.2153	146.1116	97.7437

N-term:+145.11 K(10):+272.20

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

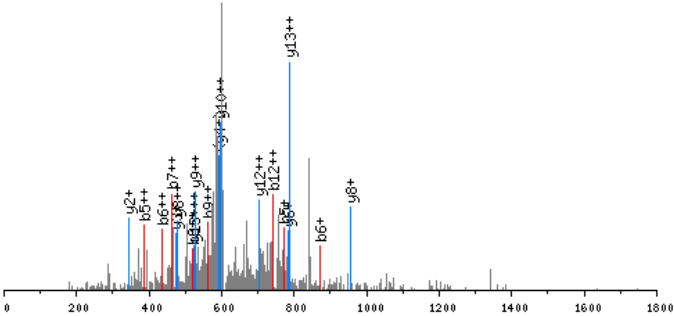
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

IYESHVGISSHEGK, MH+ 1822.9452, m/z 608.3199
tgriffin_bandh003_102509_unt_OG7to14_HvBC_SCX12.5083.5083.3.dta

scan 0: 4.3e+002



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
254.1869	127.5973	1	I	14			
417.2502	209.1290	2	Y	13	1569.7661	785.3870	523.9273
546.2928	273.6503	3	E	12	1406.7028	703.8553	469.5728
633.3248	317.1663	4	S	11	1277.6602	639.3340	426.5586
770.3837	385.6958	5	H	10	1190.6282	595.8180	397.5479
869.4521	435.2300	6	V	9	1053.5693	527.2886	351.8616
926.4736	463.7407	7	G	8	954.5009	477.7543	318.8388
1039.5577	520.2827	8	I	7	897.4794	449.2436	299.8317
1126.5897	563.7988	9	S	6	784.3953	392.7016	262.1370
1213.6217	607.3148	10	S	5	697.3633	349.1856	233.1263
1350.6806	675.8442	11	H	4	610.3313	305.6696	204.1156
1479.7232	740.3655	12	E	3	473.2724	237.1401	158.4293
1536.7447	768.8763	13	G	2	344.2298	172.6188	115.4151
		14	K	1	287.2083	144.1081	96.4080

N-term:+141.10 K(14):+268.19

X-range:

0

-

0

MassTol: Y-zoom:

0.950

1.00

MassType:

AVG

MONO

Axis:

1

2

Label:

I

M

-

Ions:

a

b

c

x

y

z

2+

3+

2+

3+

2+

3+

2+

3+

2+

3+

2+

3+

2+

3+

hide H₂O/NH₃

zoom 112-122

GO

AISHEHSPSDLEAHFVPLVK, MH+ 2493.3254, m/z 624.0868
tgriffin_bandh003_102509_unt_OG7to14_HvBC_SCX12.7566.7566.4.dta

scan 07 1.6e+002

click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	b ³⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
212.1399	106.5739	71.3852	1	A	20			
325.2240	163.1159	109.0799	2	I	19	2282.1933	1141.6006	761.4030
412.2560	206.6319	138.0905	3	S	18	2169.1093	1085.0586	723.7083
549.3149	275.1614	183.7769	4	H	17	2082.0772	1041.5425	694.6976
678.3575	339.6827	226.7910	5	E	16	1945.0183	973.0131	649.0113
815.4164	408.2121	272.4774	6	H	15	1815.9757	908.4918	605.9971
902.4484	451.7281	301.4880	7	S	14	1678.9168	839.9623	560.3108
999.5012	500.2545	333.8390	8	P	13	1591.8848	796.4463	531.3002
1086.5332	543.7705	362.8496	9	S	12	1494.8320	747.9199	498.9492
1201.5602	601.2840	401.1919	10	D	11	1407.8000	704.4039	469.9386
1314.6442	657.8260	438.8866	11	L	10	1292.7731	646.8904	431.5962
1443.6868	722.3473	481.9008	12	E	9	1179.6890	590.3484	393.9016
1514.7239	757.8659	505.5799	13	A	8	1050.6464	525.8271	350.8874
1651.7829	826.3953	551.2662	14	H	7	979.6093	490.3086	327.2083
1798.8513	899.9295	600.2890	15	F	6	842.5504	421.7791	281.5220
1897.9197	949.4638	633.3118	16	V	5	695.4820	348.2449	232.4992
1994.9724	997.9901	665.6627	17	P	4	596.4136	298.7107	199.4764
2108.0565	1054.5322	703.3574	18	L	3	499.3608	250.1843	167.1255
2207.1249	1104.0664	736.3802	19	V	2	386.2767	193.6423	129.4308
			20	K	1	287.2083	144.1081	96.4080

N-term:+141.10 K(20):+268.19

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☐ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☐ 3+

z ☐ + ☐ 2+ ☐ 3+

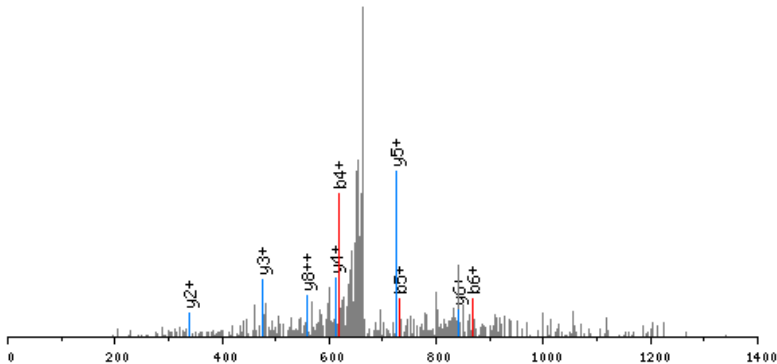
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

SFEDIHHYR, MH+ 1343.6497, m/z 672.3285
tgriffin_bandh003_102509_unt_OG7to14_HvBC_SCX13.4914.4914.2.dta

scan 0; 5.2e+002



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
228.1348	1	S	9		
375.2032	2	F	8	1116.5227	558.7652
504.2458	3	E	7	969.4543	485.2310
619.2728	4	D	6	840.4117	420.7097
732.3568	5	I	5	725.3847	363.1963
869.4157	6	H	4	612.3007	306.6542
1006.4747	7	H	3	475.2417	238.1248
1169.5380	8	Y	2	338.1828	169.5953
	9	R	1	175.1195	88.0637

N-term:+141.10

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

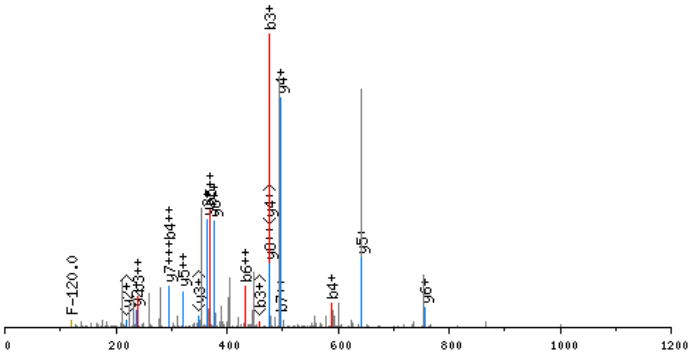
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

MAELFEEAF, MH+ 1230.5837, m/z 410.8661
tgriffin_bandh003_102509_unt_OG7to14_HvBC_SCX13.8592.8592.3.dta

scan 0; 2.4e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
276.1503	138.5790	1	M	9			
347.1874	174.0976	2	A	8	955.4413	478.2246	319.1523
476.2300	238.6189	3	E	7	884.4042	442.7060	295.4733
589.3140	295.1609	4	L	6	755.3616	378.1847	252.4591
736.3825	368.6951	5	F	5	642.2775	321.6427	214.7644
865.4251	433.2164	6	E	4	495.2091	248.1085	165.7416
994.4676	497.7377	7	E	3	366.1665	183.5872	122.7274
1065.5048	533.2563	8	A	2	237.1239	119.0659	79.7132
		9	F	1	166.0868	83.5473	56.0342

N-term:+145.11

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☐ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☐ 3+

z ☐ + ☐ 2+ ☐ 3+

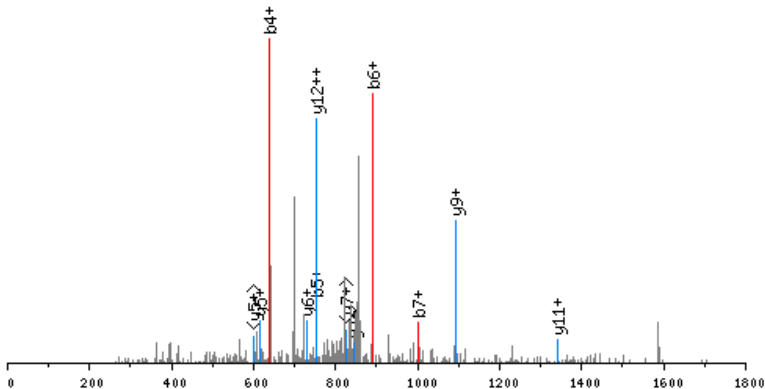
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

SYTFIHILLDTIR, MH+ 1731.9798, m/z 866.4935
tgriffin_bandh003_110709_unt_HvBC_OG1to6_SCX4.11499.11499.2.dta

scan 0: 4.4e+003



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
228.1348	1	S	13		
391.1981	2	Y	12	1504.8528	752.9303
492.2458	3	T	11	1341.7894	671.3986
639.3142	4	F	10	1240.7418	620.8748
752.3983	5	I	9	1093.6734	547.3406
889.4572	6	H	8	980.5893	490.7986
1002.5413	7	I	7	843.5304	422.2691
1115.6253	8	L	6	730.4463	365.7271
1228.7094	9	L	5	617.3623	309.1850
1343.7363	10	D	4	504.2782	252.6430
1444.7840	11	T	3	389.2512	195.1295
1557.8681	12	I	2	288.2036	144.6057
	13	R	1	175.1195	88.0637

N-term:+141.10

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+
b ☒ + ☐ 2+ ☐ 3+
c ☐ + ☐ 2+ ☐ 3+
x ☐ + ☐ 2+ ☐ 3+
y ☒ + ☒ 2+ ☐ 3+
z ☐ + ☐ 2+ ☐ 3+

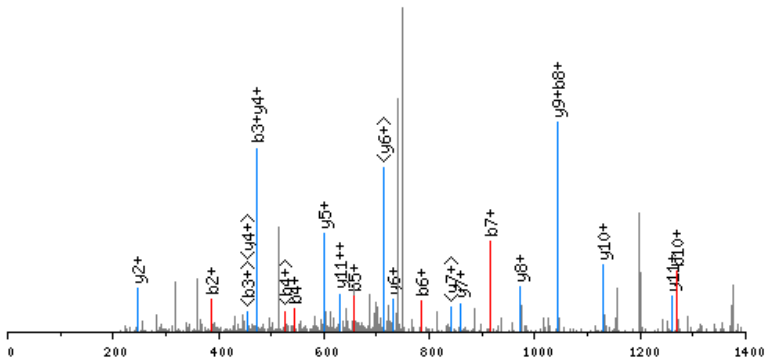
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

DESANQEEPEAR, MH+ 1514.6723, m/z 757.8398
tgriffin_bandh003_110709_unt_HvBC_OG1to6_SCX5.3061.3061.2.dta

scan 0: 1.8e+003



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
256.1297	1	D	12		
385.1723	2	E	11	1259.5504	630.2791
472.2044	3	S	10	1130.5078	565.7578
543.2415	4	A	9	1043.4758	522.2418
657.2844	5	N	8	972.4387	486.7232
785.3430	6	Q	7	858.3957	429.7018
914.3856	7	E	6	730.3372	365.6725
1043.4282	8	E	5	601.2946	301.1512
1140.4809	9	P	4	472.2520	236.6299
1269.5235	10	E	3	375.1992	188.1035
1340.5606	11	A	2	246.1566	123.5822
	12	R	1	175.1195	88.0637

N-term:+141.10

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☐ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☐ 3+

z ☐ + ☐ 2+ ☐ 3+

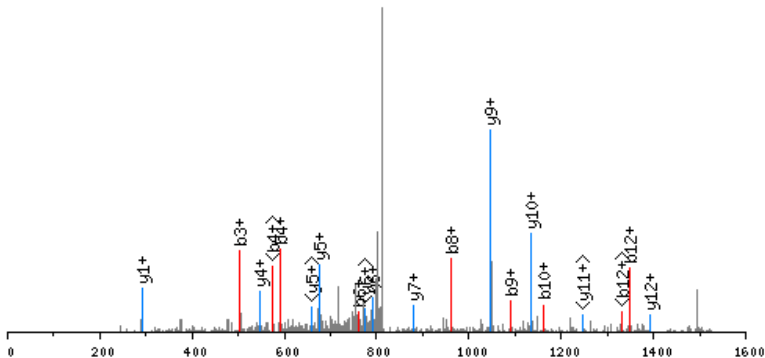
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

TEESPASDEAGEK, MH+ 1637.7748, m/z 819.3910
tgriffin_bandh003_110709_unt_HvBC_OG1to6_SCX5.3944.3944.2.dta

scan 0: 2.6e+003



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
246.1575	1	T	13		
375.2001	2	E	12	1392.6251	696.8165
504.2427	3	E	11	1263.5826	632.2952
591.2747	4	S	10	1134.5400	567.7739
688.3274	5	P	9	1047.5079	524.2579
759.3646	6	A	8	950.4552	475.7315
846.3966	7	S	7	879.4181	440.2129
961.4235	8	D	6	792.3860	396.6969
1090.4661	9	E	5	677.3591	339.1835
1161.5032	10	A	4	548.3165	274.6622
1218.5247	11	G	3	477.2794	239.1436
1347.5673	12	E	2	420.2579	210.6329
	13	K	1	291.2153	146.1116

N-term:+145.11 K(13):+272.20

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+
b ☒ + ☐ 2+ ☐ 3+
c ☐ + ☐ 2+ ☐ 3+
x ☐ + ☐ 2+ ☐ 3+
y ☒ + ☒ 2+ ☐ 3+
z ☐ + ☐ 2+ ☐ 3+

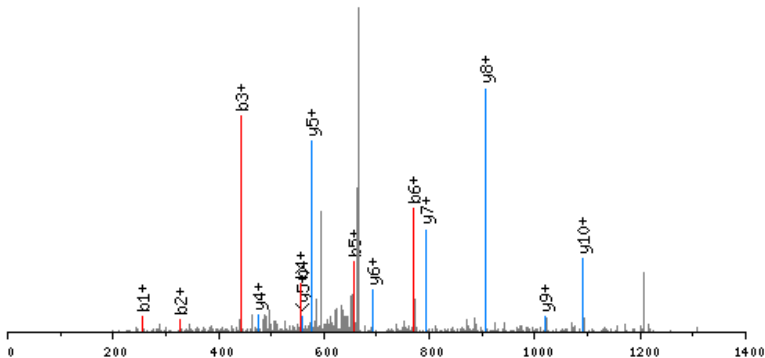
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

DADLTDTAQTR, MH+ 1346.6552, m/z 673.8312
tgriffin_bandh003_110709_unt_HvBC_OG1to6_SCX5.4762.4762.2.dta

scan 0: 1.6e+004



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
256.1297	1	D	11		
327.1668	2	A	10	1091.5333	546.2706
442.1938	3	D	9	1020.4962	510.7520
555.2779	4	L	8	905.4692	453.2385
656.3255	5	T	7	792.3852	396.6965
771.3525	6	D	6	691.3375	346.1727
872.4002	7	T	5	576.3105	288.6592
943.4373	8	A	4	475.2629	238.1353
1071.4958	9	Q	3	404.2258	202.6168
1172.5435	10	T	2	276.1672	138.5875
	11	R	1	175.1195	88.0637

N-term:+141.10

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+
b ☒ + ☐ 2+ ☐ 3+
c ☐ + ☐ 2+ ☐ 3+
x ☐ + ☐ 2+ ☐ 3+
y ☒ + ☒ 2+ ☐ 3+
z ☐ + ☐ 2+ ☐ 3+

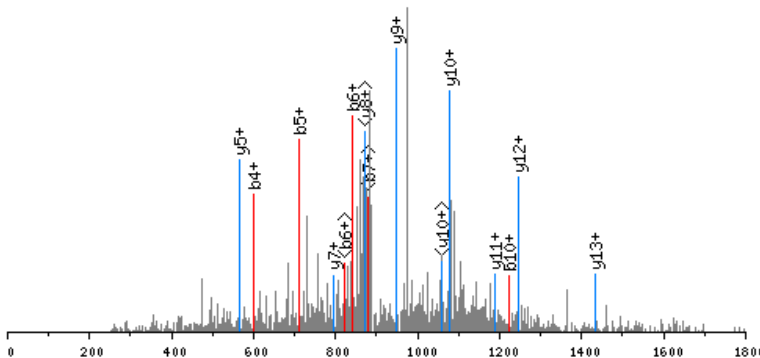
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

DVWGIEGPIDAAFTR, MH+ 1786.9128, m/z 893.9600
tgriffin_bandh003_110709_unt_HvBC_OG1to6_SCX5.13946.13946.2.dta

scan 0: 1.8e+003



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
256.1297	1	D	15		
355.1981	2	V	14	1531.7909	766.3994
541.2775	3	W	13	1432.7225	716.8652
598.2989	4	G	12	1246.6432	623.8255
711.3830	5	I	11	1189.6217	595.3148
840.4256	6	E	10	1076.5376	538.7727
897.4470	7	G	9	947.4951	474.2514
994.4998	8	P	8	890.4736	445.7407
1107.5839	9	I	7	793.4208	397.2143
1222.6108	10	D	6	680.3368	340.6723
1293.6479	11	A	5	565.3098	283.1588
1364.6850	12	A	4	494.2727	247.6403
1511.7535	13	F	3	423.2356	212.1217
1612.8011	14	T	2	276.1672	138.5875
	15	R	1	175.1195	88.0637

N-term:+141.10

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

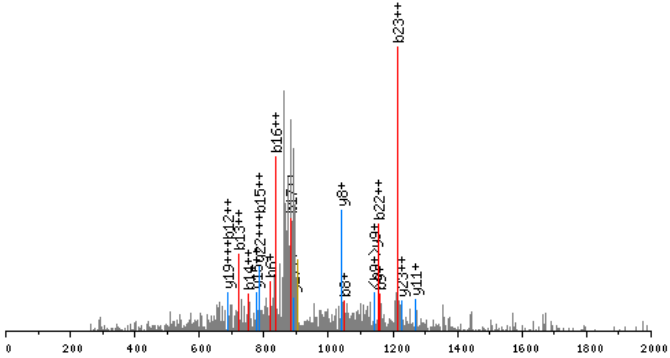
hide H₂O/NH₃

zoom 112-122

GO

DPGENYNLLGGVAGATPEVLQALK, MH+ 2714.4607, m/z 905.4917
tgriffin_bandh003_110709_unt_HvBC_OGito6_SCX5.14896.14896.3.dta

scan #: 1.5e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
260.1367	130.5723	1	D	24			
357.1895	179.0987	2	P	23	2455.3317	1228.1698	819.1158
414.2110	207.6094	3	G	22	2358.2790	1179.6434	786.7649
543.2536	272.1307	4	E	21	2301.2575	1151.1327	767.7577
657.2965	329.1522	5	N	20	2172.2149	1086.6114	724.7435
820.3598	410.6838	6	Y	19	2058.1720	1029.5899	686.7292
934.4027	467.7053	7	N	18	1895.1087	948.0582	632.3748
1047.4868	524.2473	8	L	17	1781.0657	891.0368	594.3605
1160.5709	580.7893	9	L	16	1667.9817	834.4948	556.6658
1217.5923	609.3001	10	G	15	1554.8976	777.9527	518.9711
1274.6138	637.8108	11	G	14	1497.8762	749.4420	499.9639
1373.6822	687.3450	12	V	13	1440.8547	720.9313	480.9568
1444.7193	722.8636	13	A	12	1341.7863	671.3971	447.9340
1501.7408	751.3743	14	G	11	1270.7492	635.8785	424.2549
1572.7779	786.8929	15	A	10	1213.7277	607.3678	405.2478
1673.8256	837.4167	16	T	9	1142.6906	571.8492	381.5687
1770.8783	885.9431	17	P	8	1041.6429	521.3254	347.8862
1899.9209	950.4644	18	E	7	944.5901	472.7990	315.5353
1998.9893	999.9986	19	V	6	815.5475	408.2777	272.5211
2112.0734	1056.5406	20	L	5	716.4791	358.7435	239.4983
2240.1320	1120.5699	21	Q	4	603.3951	302.2014	201.8036
2311.1691	1156.0885	22	A	3	475.3365	238.1722	159.1174
2424.2532	1212.6305	23	L	2	404.2994	202.6536	135.4383
		24	K	1	291.2153	146.1116	97.7437

N-term:+145.11 K(24):+272.20

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☐ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☐ 3+

z ☐ + ☐ 2+ ☐ 3+

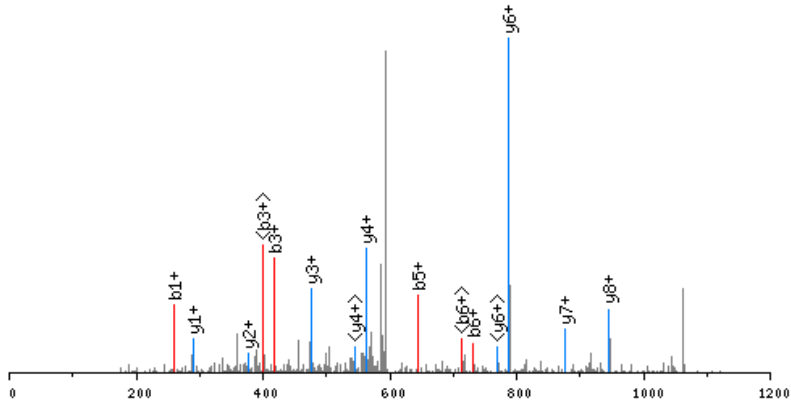
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

DASPESPSK, MH+ 1205.6255, m/z 603.3164
tgriffin_bandh003_110709_unt_HvBC_OG1to6_SCX6.3358.3358.2.dta

scan 0; 3.8e+003



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
260.1367	1	D	9		
331.1738	2	A	8	946.4966	473.7522
418.2059	3	S	7	875.4595	438.2337
515.2586	4	P	6	788.4275	394.7177
644.3012	5	E	5	691.3747	346.1913
731.3333	6	S	4	562.3321	281.6700
828.3860	7	P	3	475.3001	238.1540
915.4181	8	S	2	378.2473	189.6276
	9	K	1	291.2153	146.1116

N-term:+145.11 K(9):+272.20

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+
b ☒ + ☐ 2+ ☐ 3+
c ☐ + ☐ 2+ ☐ 3+
x ☐ + ☐ 2+ ☐ 3+
y ☒ + ☒ 2+ ☐ 3+
z ☐ + ☐ 2+ ☐ 3+

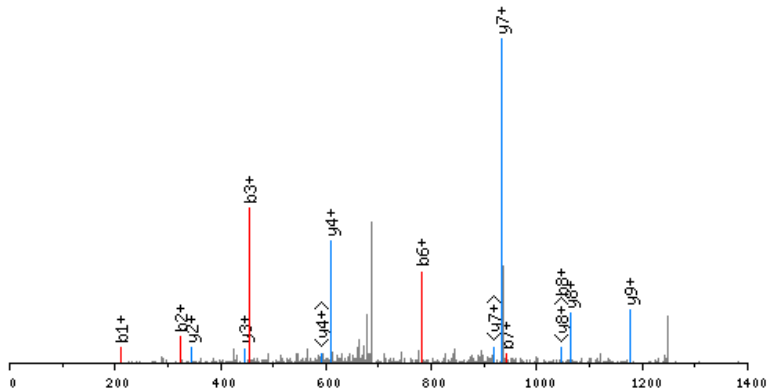
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

AIEPNDYTGK, MH+ 1387.7222, m/z 694.3647
tgriffin_bandh003_110709_unt_HvBC_OG1to6_SCX6.6348.6348.2.dta

scan 0: 1.2e+04



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
212.1399	1	A	10		
325.2240	2	I	9	1176.5901	588.7990
454.2666	3	E	8	1063.5060	532.2569
551.3193	4	P	7	934.4634	467.7356
665.3623	5	N	6	837.4107	419.2092
780.3892	6	D	5	723.3677	362.1878
943.4525	7	Y	4	608.3408	304.6743
1044.5002	8	T	3	445.2775	223.1426
1101.5217	9	G	2	344.2298	172.6188
	10	K	1	287.2083	144.1081

N-term:+141.10 K(10):+268.19

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☐ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☐ 3+

z ☐ + ☐ 2+ ☐ 3+

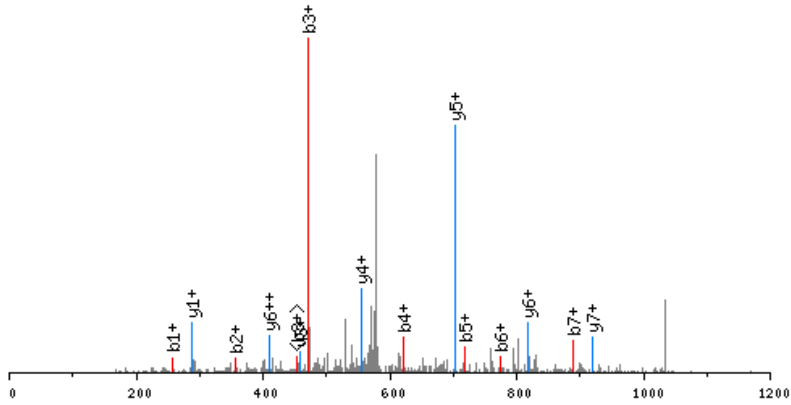
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

DTDCPGIK, MH+ 1174.5600, m/z 587.7836
tgriffin_bandh003_110709_unt_HvBC_OGlt06_SCX6.6871.6871.2.dta

scan 0; 1.0e+004



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
256.1297	1	D	8		
357.1774	2	T	7	919.4381	460.2230
472.2044	3	D	6	818.3904	409.6991
621.2012	4	C	5	703.3635	352.1857
718.2540	5	P	4	554.3666	277.6872
775.2755	6	G	3	457.3138	229.1608
888.3595	7	I	2	400.2924	200.6501
	8	K	1	287.2083	144.1081

N-term: +141.10 C(4): +149.00
K(8): +268.19

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+
b ☒ + ☐ 2+ ☐ 3+
c ☐ + ☐ 2+ ☐ 3+
x ☐ + ☐ 2+ ☐ 3+
y ☒ + ☒ 2+ ☐ 3+
z ☐ + ☐ 2+ ☐ 3+

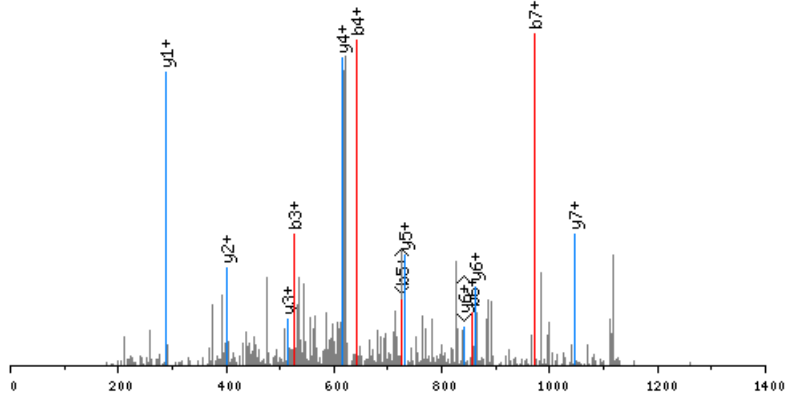
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

AWEDTLDK, MH+ 1257.6479, m/z 629.3276
tgriffin_bandh003_110709_unt_HvBC_OGlto6_SCX6.8604.8604.2.dta

scan 0: 9.7e+003



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
212.1399	1	A	8		
398.2192	2	W	7	1046.5159	523.7618
527.2618	3	E	6	860.4365	430.7222
642.2888	4	D	5	731.3939	366.2009
743.3364	5	T	4	616.3670	308.6874
856.4205	6	L	3	515.3193	258.1636
971.4474	7	D	2	402.2353	201.6215
	8	K	1	287.2083	144.1081

N-term:+141.10 K(8):+268.19

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☐ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☐ 3+

z ☐ + ☐ 2+ ☐ 3+

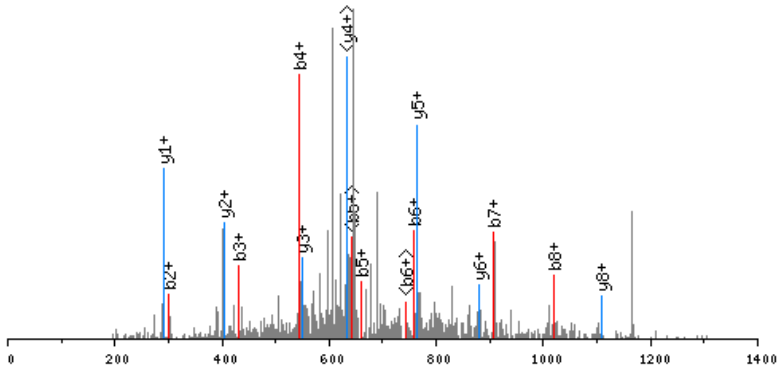
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

GVEDDVFIK, MH+ 1309.7245, m/z 655.3659
tgriffin_bandh003_110709_unl_HvBC_OG1to6_SCX6.9402.9402.2.dta

scan 0; 3.3e+003



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
202.1313	1	G	9		
301.1997	2	V	8	1108.6011	554.8045
430.2423	3	E	7	1009.5327	505.2703
545.2692	4	D	6	880.4901	440.7490
660.2961	5	D	5	765.4632	383.2355
759.3646	6	V	4	650.4362	325.7220
906.4330	7	F	3	551.3678	276.1878
1019.5170	8	I	2	404.2994	202.6536
	9	K	1	291.2153	146.1116

N-term:+145.11 K(9):+272.20

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☐ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☐ 3+

z ☐ + ☐ 2+ ☐ 3+

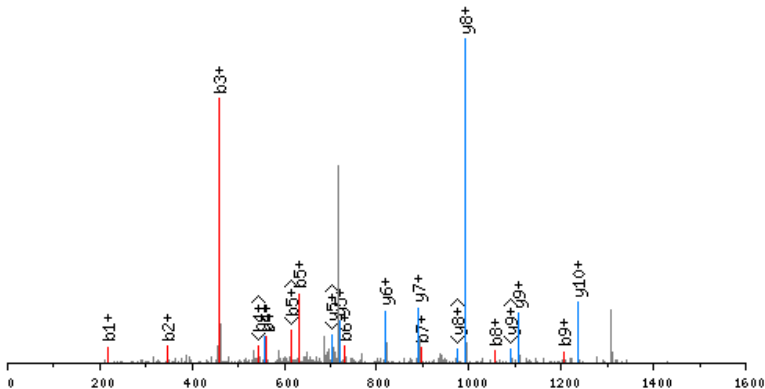
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

AEDTAVYYCAR, MH+ 1451.6420, m/z 726.3246
tgriffin_bandh003_110709_unt_HvBC_OG1to6_SCX6.9568.9568.2.dta

scan 0: 7.0e+004



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
216.1469	1	A	11		
345.1895	2	E	10	1236.5029	618.7554
460.2164	3	D	9	1107.4603	554.2341
561.2641	4	T	8	992.4334	496.7206
632.3012	5	A	7	891.3857	446.1968
731.3696	6	V	6	820.3486	410.6782
894.4330	7	Y	5	721.2802	361.1440
1057.4963	8	Y	4	558.2168	279.6123
1206.4932	9	C	3	395.1535	198.0807
1277.5303	10	A	2	246.1566	123.5822
	11	R	1	175.1195	88.0637

N-term:+145.11 C(9):+149.00

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☐ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☐ 3+

z ☐ + ☐ 2+ ☐ 3+

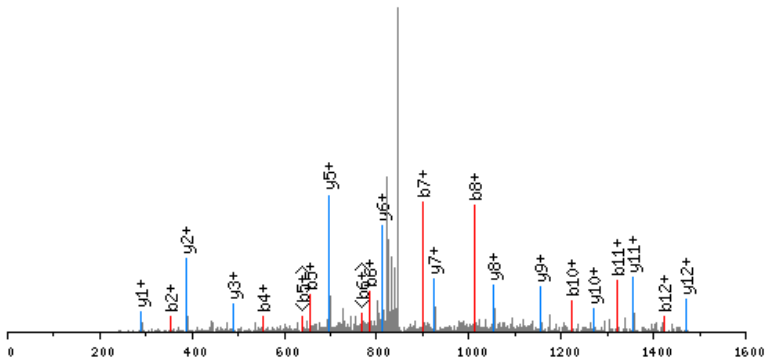
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

VLSNTEDLPLVTK, MH+ 1708.9849, m/z 854.9961
tgriffin_bandh003_110709_unt_HvBC_OG1to6_SCX6.11429.11429.2.dta

scan 0: 7.2e+003



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
240.1712	1	V	13		
353.2553	2	L	12	1469.8215	735.4147
440.2873	3	S	11	1356.7375	678.8726
554.3302	4	N	10	1269.7054	635.3566
655.3779	5	T	9	1155.6625	578.3352
784.4205	6	E	8	1054.6148	527.8113
899.4474	7	D	7	925.5722	463.2900
1012.5315	8	L	6	810.5453	405.7766
1109.5843	9	P	5	697.4612	349.2345
1222.6683	10	L	4	600.4085	300.7081
1321.7367	11	V	3	487.3244	244.1661
1422.7844	12	T	2	388.2560	194.6319
	13	K	1	287.2083	144.1081

N-term:+141.10 K(13):+268.19

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☐ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☐ 3+

z ☐ + ☐ 2+ ☐ 3+

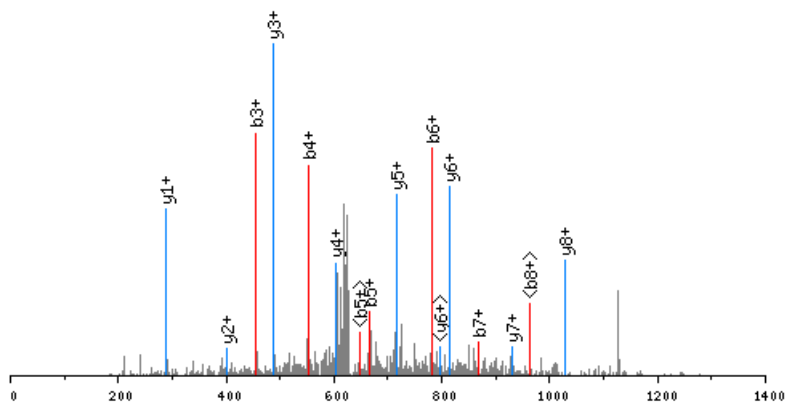
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

VVDVLDSIK, MH+ 1267.7626, m/z 634.3849
tgriffin_bandh003_110709_unt_HvBC_OG1to6_SCX6.12605.12605.2.dta

scan 0: 4.5e+003



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
240.1712	1	V	9		
339.2396	2	V	8	1028.5992	514.8035
454.2666	3	D	7	929.5308	465.2693
553.3350	4	V	6	814.5038	407.7558
666.4190	5	L	5	715.4354	358.2216
781.4460	6	D	4	602.3514	301.6796
868.4780	7	S	3	487.3244	244.1661
981.5621	8	I	2	400.2924	200.6501
	9	K	1	287.2083	144.1081

N-term:+141.10 K(9):+268.19

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☐ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☐ 3+

z ☐ + ☐ 2+ ☐ 3+

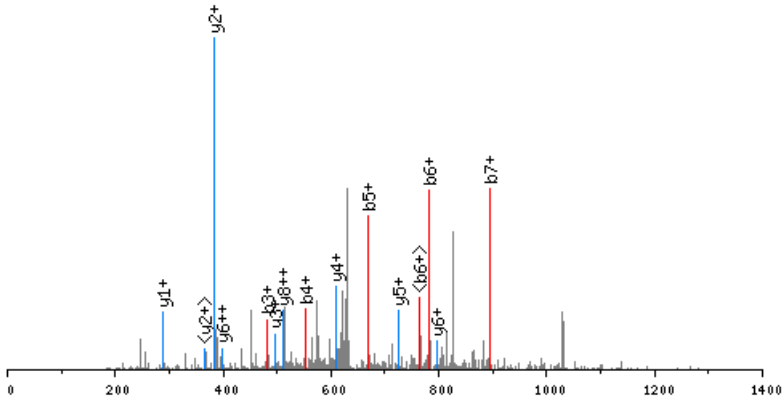
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

DILADLIPK, MH+ 1277.7833, m/z 639.3953
tgriffin_bandh003_110709_unt_HvBC_OG1to6_SCX6.14617.14617.2.dta

scan 0: 4.2e+003



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
256.1297	1	D	9		
369.2138	2	I	8	1022.6614	511.8346
482.2979	3	L	7	909.5773	455.2926
553.3350	4	A	6	796.4933	398.7505
668.3619	5	D	5	725.4562	363.2320
781.4460	6	L	4	610.4292	305.7185
894.5300	7	I	3	497.3451	249.1765
991.5828	8	P	2	384.2611	192.6345
	9	K	1	287.2083	144.1081

N-term:+141.10 K(9):+268.19

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+
b ☒ + ☐ 2+ ☐ 3+
c ☐ + ☐ 2+ ☐ 3+
x ☐ + ☐ 2+ ☐ 3+
y ☒ + ☒ 2+ ☐ 3+
z ☐ + ☐ 2+ ☐ 3+

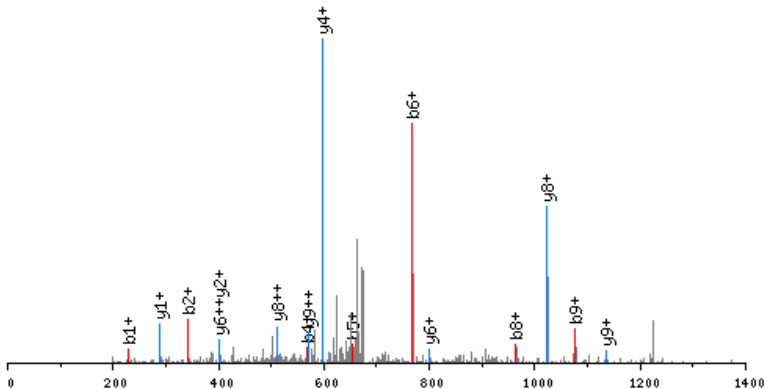
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

SLPQSDPVLK, MH+ 1363.7949, m/z 682.4011
tgriffin_bandh003_110709_unt_HvBC_OG7to14_SCX4.7588.7588.2.dta

scan 0: 9.9e+003



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
228.1348	1	S	10		
341.2189	2	L	9	1136.6679	568.8379
438.2716	3	P	8	1023.5839	512.2958
566.3302	4	Q	7	926.5311	463.7695
653.3623	5	S	6	798.4725	399.7402
768.3892	6	D	5	711.4405	356.2242
865.4420	7	P	4	596.4136	298.7107
964.5104	8	V	3	499.3608	250.1843
1077.5944	9	L	2	400.2924	200.6501
	10	K	1	287.2083	144.1081

N-term:+141.10 K(10):+268.19

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

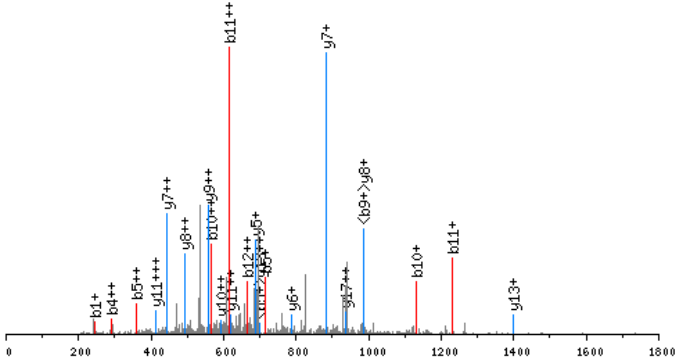
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

VVELMTGGAQTPVTNANK, MH+ 2114.1400, m/z 705.3849
tgriffin_bandh003_110709_unt_HvBC_OG7to14_SCX4.8176.8176.3.dta

scan 0: 6.6e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
244.1782	122.5930	1	V	18			
343.2466	172.1272	2	V	17	1870.9697	935.9887	624.3284
472.2892	236.6485	3	E	16	1771.9013	886.4545	591.3056
585.3733	293.1905	4	L	15	1642.8587	821.9332	548.2914
716.4138	358.7108	5	M	14	1529.7746	765.3912	510.5968
817.4614	409.2346	6	T	13	1398.7341	699.8710	466.9166
874.4829	437.7454	7	G	12	1297.6864	649.3471	433.2340
931.5044	466.2561	8	G	11	1240.6650	620.8364	414.2269
1002.5415	501.7747	9	A	10	1183.6435	592.3257	395.2197
1130.6001	565.8039	10	Q	9	1112.6064	556.8071	371.5407
1231.6477	616.3278	11	T	8	984.5478	492.7778	328.8545
1328.7005	664.8542	12	P	7	883.5001	442.2540	295.1719
1427.7689	714.3884	13	V	6	786.4474	393.7276	262.8210
1528.8166	764.9122	14	T	5	687.3790	344.1934	229.7982
1642.8595	821.9337	15	N	4	586.3313	293.6696	196.1156
1713.8966	857.4522	16	A	3	472.2884	236.6481	158.1013
1827.9396	914.4737	17	N	2	401.2512	201.1295	134.4223
		18	K	1	287.2083	144.1081	96.4080

N-term:+145.11 K(18):+268.19

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☐ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☐ 3+

z ☐ + ☐ 2+ ☐ 3+

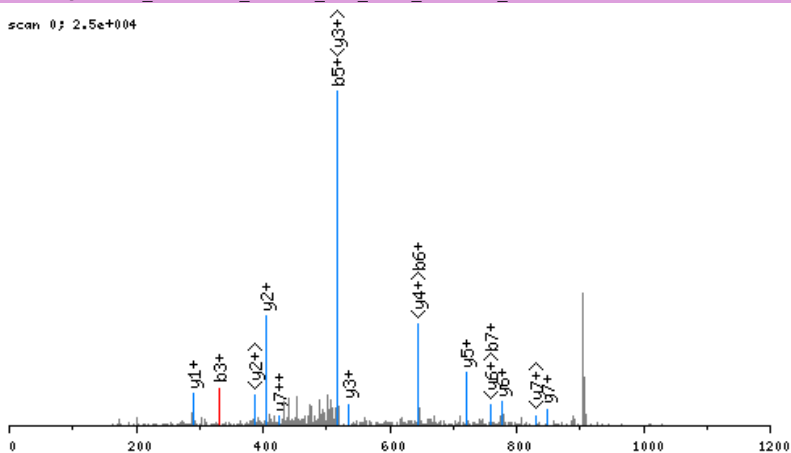
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

GAGGEENK, MH+ 1049.5469, m/z 525.2771
tgriffin_bandh003_110709_unt_HvBC_OG7tol4_SCX5.3989.3989.2.dta

scan 0; 2.5e+004



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
202.1313	1	G	8		
273.1684	2	A	7	848.4235	424.7156
330.1898	3	G	6	777.3864	389.1971
387.2113	4	G	5	720.3649	360.6864
516.2539	5	E	4	663.3434	332.1756
645.2965	6	E	3	534.3008	267.6543
759.3394	7	N	2	405.2582	203.1330
	8	K	1	291.2153	146.1116

N-term:+145.11 K(8):+272.20

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☐ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☐ 3+

z ☐ + ☐ 2+ ☐ 3+

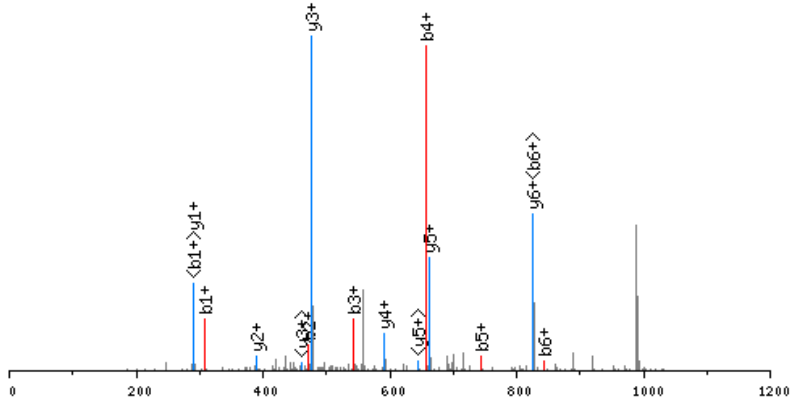
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

YYADSVK, MH+ 1133.6084, m/z 567.3079
tgriffin_bandh003_110709_unt_HvBC_OG7tol4_SCX5.5649.5649.2.dta

scan 0; 3.4e+005



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
308.1731	1	Y	7		
471.2364	2	Y	6	826.4431	413.7255
542.2736	3	A	5	663.3798	332.1938
657.3005	4	D	4	592.3427	296.6753
744.3325	5	S	3	477.3158	239.1618
843.4009	6	V	2	390.2837	195.6458
	7	K	1	291.2153	146.1116

N-term:+145.11 K(7):+272.20

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☐ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☐ 3+

z ☐ + ☐ 2+ ☐ 3+

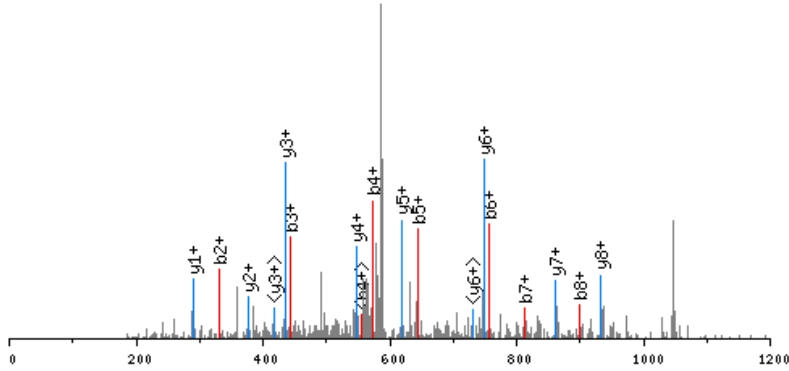
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

NAIEALGSK, MH+ 1190.6986, m/z 595.8530
tgriffin_bandh003_110709_unt_HvBC_OG7to14_SCX5.7118.7118.2.dta

scan 0; 8.8e+003



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
259.1527	1	N	9		
330.1898	2	A	8	932.5538	466.7808
443.2739	3	I	7	861.5166	431.2622
572.3165	4	E	6	748.4326	374.7202
643.3536	5	A	5	619.3900	310.1989
756.4377	6	L	4	548.3529	274.6803
813.4591	7	G	3	435.2688	218.1383
900.4912	8	S	2	378.2473	189.6276
	9	K	1	291.2153	146.1116

N-term:+145.11 K(9):+272.20

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☐ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☐ 3+

z ☐ + ☐ 2+ ☐ 3+

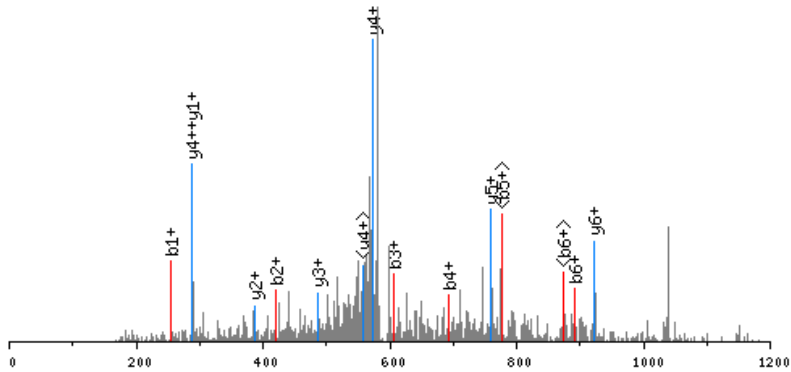
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

DYWSTVK, MH+ 1178.6210, m/z 589.8141
tgriffin_bandh003_110709_unt_HvBC_OG7to14_SCX5.8136.8136.2.dta

scan 0; 5.2e+003



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
256.1297	1	D	7		
419.1931	2	Y	6	923.4991	462.2535
605.2724	3	W	5	760.4357	380.7218
692.3044	4	S	4	574.3564	287.6821
793.3521	5	T	3	487.3244	244.1661
892.4205	6	V	2	386.2767	193.6423
	7	K	1	287.2083	144.1081

N-term:+141.10 K(7):+268.19

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+
b ☒ + ☐ 2+ ☐ 3+
c ☐ + ☐ 2+ ☐ 3+
x ☐ + ☐ 2+ ☐ 3+
y ☒ + ☒ 2+ ☐ 3+
z ☐ + ☐ 2+ ☐ 3+

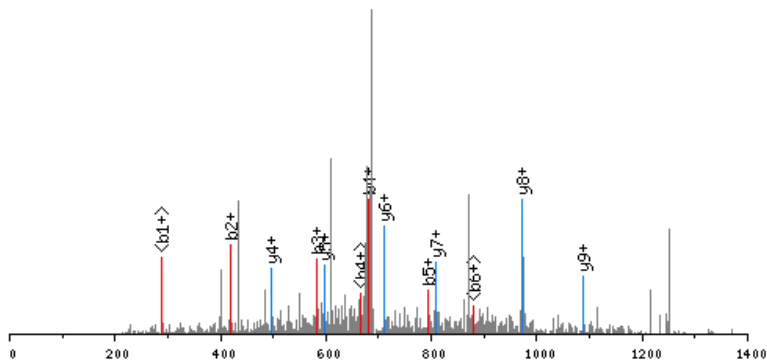
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

YDYVLTGYTR, MH+ 1390.7007, m/z 695.8540
tgriffin_bandh003_110709_unt_HvBC_OG7to14_SCX5.10143.10143.2.dta

scan 0: 4.9e+003



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
304.1661	1	Y	10		
419.1931	2	D	9	1087.5424	544.2751
582.2564	3	Y	8	972.5155	486.7616
681.3248	4	V	7	809.4521	405.2300
794.4089	5	L	6	710.3837	355.6958
895.4565	6	T	5	597.2997	299.1537
952.4780	7	G	4	496.2520	248.6299
1115.5413	8	Y	3	439.2305	220.1192
1216.5890	9	T	2	276.1672	138.5875
	10	R	1	175.1195	88.0637

N-term:+141.10

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+
b ☒ + ☐ 2+ ☐ 3+
c ☐ + ☐ 2+ ☐ 3+
x ☐ + ☐ 2+ ☐ 3+
y ☒ + ☒ 2+ ☐ 3+
z ☐ + ☐ 2+ ☐ 3+

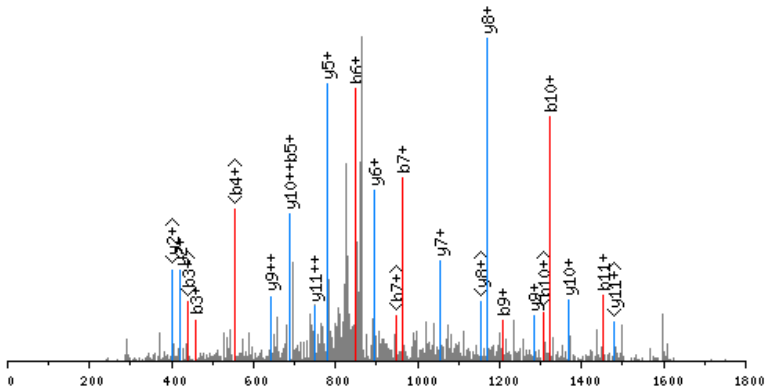
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

VQSINYNPFDDQK, MH+ 1740.9162, m/z 870.9618
tgriffin_bandh003_110709_unt_HvBC_OG7to14_SCX5.10540.10540.2.dta

scan 0: 2.5e+003



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
244.1782	1	V	12		
372.2368	2	Q	11	1497.7459	749.3768
459.2688	3	S	10	1369.6873	685.3476
572.3529	4	I	9	1282.6553	641.8315
686.3958	5	N	8	1169.5712	585.2895
849.4591	6	Y	7	1055.5283	528.2680
963.5021	7	N	6	892.4649	446.7364
1060.5548	8	P	5	778.4220	389.7149
1207.6232	9	F	4	681.3693	341.1885
1322.6502	10	D	3	534.3008	267.6543
1450.7088	11	Q	2	419.2739	210.1409
	12	K	1	291.2153	146.1116

N-term:+145.11 K(12):+272.20

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+
b ☒ + ☐ 2+ ☐ 3+
c ☐ + ☐ 2+ ☐ 3+
x ☐ + ☐ 2+ ☐ 3+
y ☒ + ☒ 2+ ☐ 3+
z ☐ + ☐ 2+ ☐ 3+

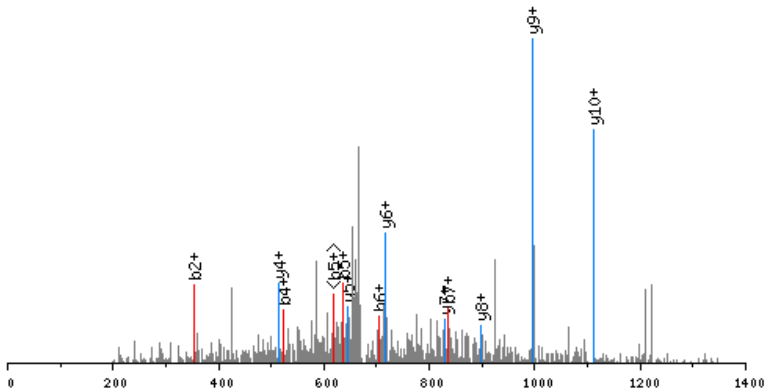
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

VNPALAEINLR, MH+ 1349.7905, m/z 675.3989
tgriffin_bandh003_110709_unt_HvBC_OG7to14_SCX5.11120.11120.2.dta

scan 0: 4.8e+003



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
240.1712	1	V	11		
354.2141	2	N	10	1110.6271	555.8175
451.2669	3	P	9	996.5842	498.7960
522.3040	4	A	8	899.5314	450.2696
635.3881	5	L	7	828.4943	414.7511
706.4252	6	A	6	715.4103	358.2090
835.4678	7	E	5	644.3731	322.6905
948.5518	8	L	4	515.3306	258.1692
1062.5948	9	N	3	402.2465	201.6272
1175.6788	10	L	2	288.2036	144.6057
	11	R	1	175.1195	88.0637

N-term:+141.10

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

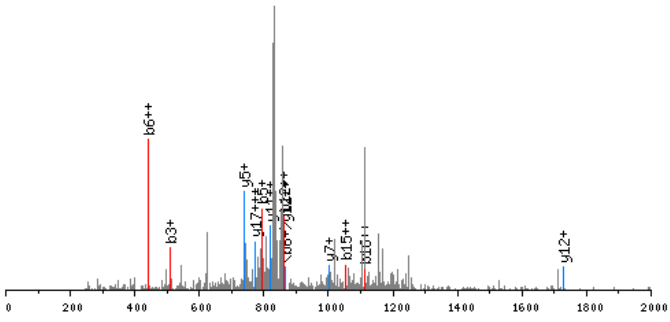
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

RPLWPSSEKPFNFHTLK, MH+ 2609.4477, m/z 870.4874
tgriffin_bandh003_110709_unt_HvBC_OG7to14_SCX5.15049.15049.3.dta

scan #: 6.2e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
301.2109	151.1094	1	R	18			
398.2637	199.6357	2	P	17	2309.2446	1155.1262	770.4201
511.3477	256.1778	3	L	16	2212.1919	1106.5999	738.0692
697.4270	349.2174	4	W	15	2099.1078	1050.0578	700.3745
794.4798	397.7438	5	P	14	1913.0285	957.0182	638.3481
881.5118	441.2598	6	S	13	1815.9757	908.4918	605.9971
968.5439	484.7758	7	S	12	1728.9437	864.9758	576.9865
1097.5865	549.2971	8	E	11	1641.9117	821.4598	547.9758
1365.7764	683.3921	9	K	10	1512.8691	756.9385	504.9616
1462.8291	731.9185	10	P	9	1244.6792	622.8435	415.5649
1609.8976	805.4527	11	F	8	1147.6264	574.3171	383.2140
1723.9405	862.4742	12	N	7	1000.5580	500.7829	334.1912
1871.0089	936.0084	13	F	6	886.5151	443.7614	296.1769
2008.0678	1004.5378	14	H	5	739.4466	370.2272	247.1541
2109.1155	1055.0617	15	T	4	602.3877	301.6978	201.4678
2222.1996	1111.6037	16	L	3	501.3401	251.1739	167.7852
2323.2472	1162.1275	17	T	2	388.2560	194.6319	130.0905
		18	K	1	287.2083	144.1081	96.4080

N-term: +145.11 K(9): +268.19 K(18): +268.19

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

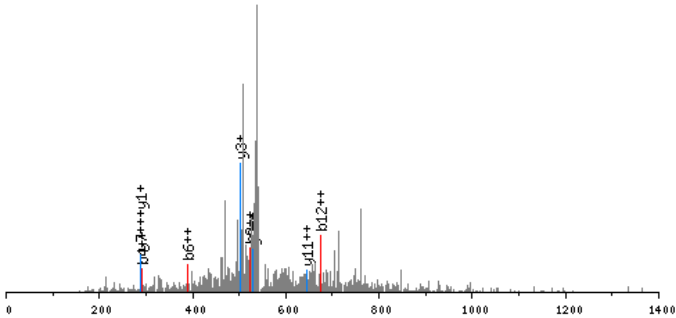
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

AESCGHATVSSEK, MH+ 1635.7591, m/z 545.9246
tgriffin_bandh003_110709_unt HvBC_OG7to14_SCX6.9148.9148.3.dta

scan 0: 2.3e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
216.1469	108.5774	1	A	13			
345.1895	173.0987	2	E	12	1420.6201	710.8139	474.2119
432.2215	216.6147	3	S	11	1291.5775	646.2926	431.1977
581.2184	291.1131	4	C	10	1204.5454	602.7766	402.1870
638.2399	319.6238	5	G	9	1055.5485	528.2782	352.5214
775.2988	388.1533	6	H	8	998.5271	499.7675	333.5142
846.3359	423.6719	7	A	7	861.4682	431.2380	287.8279
947.3836	474.1957	8	T	6	790.4311	395.7194	264.1489
1046.4520	523.7299	9	V	5	689.3834	345.1956	230.4663
1133.4840	567.2459	10	S	4	590.3150	295.6614	197.4435
1220.5160	610.7619	11	S	3	503.2829	252.1454	168.4329
1349.5586	675.2832	12	E	2	416.2509	208.6294	139.4222
		13	K	1	287.2083	144.1081	96.4080

N-term:+145.11 C(4):+149.00 K(13):+268.19

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

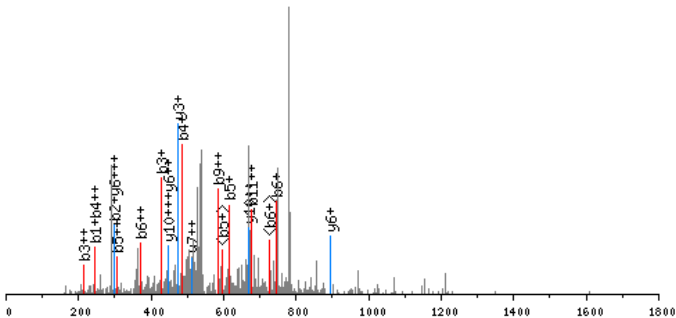
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

TGEGEYMLALK, MH+ 1636.8256, m/z 546.2801
tgriffin_bandh003_110709_unt_HvBC_OG7to14_SCX6.11640.11640.3.dta

scan 0: 2.2e+003



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
242.1505	121.5791	1	T	12			
299.1719	150.0899	2	G	11	1395.6830	698.3454	465.8995
428.2145	214.6112	3	E	10	1338.6615	669.8347	446.8924
485.2360	243.1219	4	G	9	1209.6189	605.3134	403.8782
614.2786	307.6432	5	E	8	1152.5975	576.8026	384.8710
743.3212	372.1645	6	E	7	1023.5549	512.2813	341.8568
906.3845	453.6962	7	Y	6	894.5123	447.7601	298.8426
1053.4199	527.2139	8	M	5	731.4490	366.2284	244.4882
1166.5040	583.7559	9	L	4	584.4136	292.7107	195.4764
1237.5411	619.2744	10	A	3	471.3295	236.1687	157.7817
1350.6251	675.8165	11	L	2	400.2924	200.6501	134.1027
		12	K	1	287.2083	144.1081	96.4080

N-term:+141.10 M(8):+147.04 K(12):+268.19

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☐ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☐ 3+

z ☐ + ☐ 2+ ☐ 3+

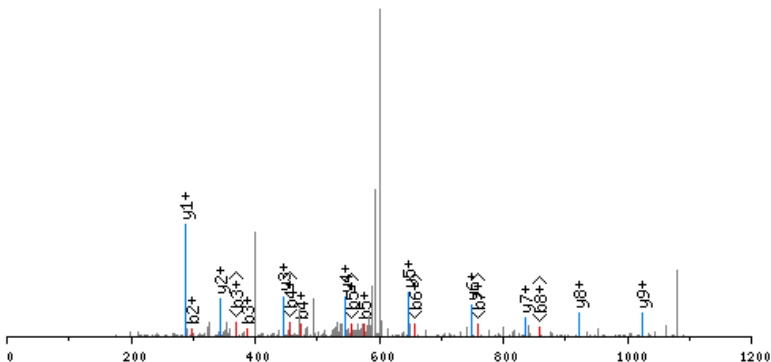
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

GTSTTTTGK, MH+ 1220.6487, m/z 610.8280
tgriffin_bandh003_110709_unt_HvBC_OG15to24_6.544.544.2.dta

scan 0: 3.4e+004



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
198.1243	1	G	10		
299.1719	2	T	9	1023.5322	512.2700
386.2040	3	S	8	922.4846	461.7462
473.2360	4	S	7	835.4525	418.2302
574.2837	5	T	6	748.4205	374.7142
675.3313	6	T	5	647.3728	324.1903
776.3790	7	T	4	546.3251	273.6665
877.4267	8	T	3	445.2775	223.1426
934.4482	9	G	2	344.2298	172.6188
	10	K	1	287.2083	144.1081

N-term:+141.10 K(10):+268.19

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☐ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☐ 3+

z ☐ + ☐ 2+ ☐ 3+

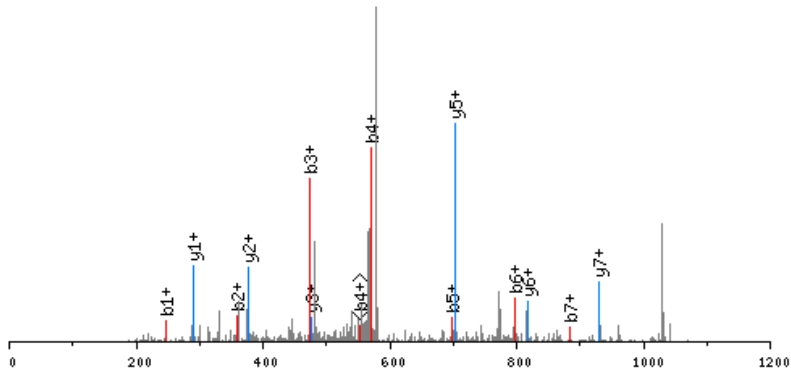
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

TINPQVSK, MH+ 1174.7037, m/z 587.8555
tgriffin_bandh003_110709_unt_HvBC_OG15to24_6.4324.4324.2.dta

scan 0; 1.8e+004



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
246.1575	1	T	8		
359.2415	2	I	7	929.5541	465.2810
473.2845	3	N	6	816.4700	408.7389
570.3372	4	P	5	702.4271	351.7175
698.3958	5	Q	4	605.3743	303.1911
797.4642	6	V	3	477.3158	239.1618
884.4962	7	S	2	378.2473	189.6276
	8	K	1	291.2153	146.1116

N-term:+145.11 K(8):+272.20

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+
b ☒ + ☐ 2+ ☐ 3+
c ☐ + ☐ 2+ ☐ 3+
x ☐ + ☐ 2+ ☐ 3+
y ☒ + ☒ 2+ ☐ 3+
z ☐ + ☐ 2+ ☐ 3+

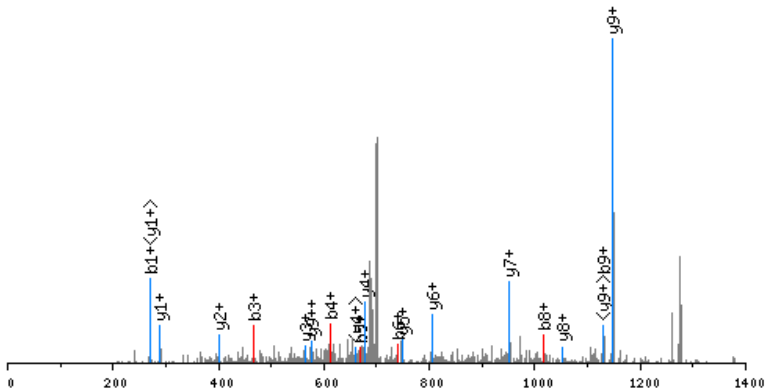
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

QPVFGANYIK, MH+ 1416.8003, m/z 708.9038
tgriffin_bandh003_110709_unt_HvBC_OG15to24_6.8928.8928.2.dta

scan 0: 8.9e+003



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
269.1614	1	Q	10		
366.2141	2	P	9	1148.6468	574.8273
465.2825	3	V	8	1051.5940	526.3009
612.3510	4	F	7	952.5256	476.7667
669.3724	5	G	6	805.4572	403.2325
740.4095	6	A	5	748.4357	374.7218
854.4525	7	N	4	677.3986	339.2032
1017.5158	8	Y	3	563.3557	282.1818
1130.5999	9	I	2	400.2924	200.6501
	10	K	1	287.2083	144.1081

N-term:+141.10 K(10):+268.19

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☐ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☐ 3+

z ☐ + ☐ 2+ ☐ 3+

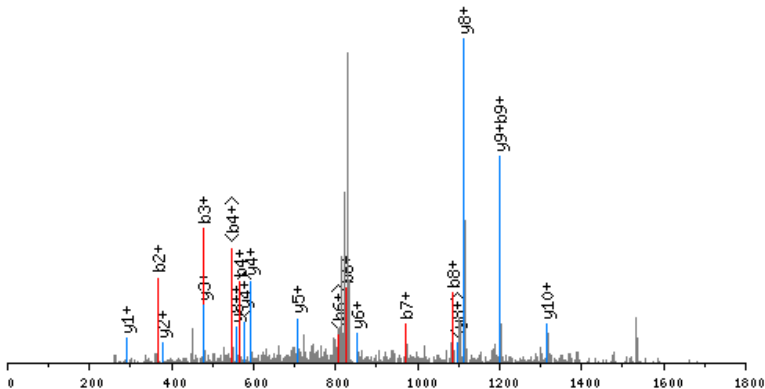
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

GYISPYFINTSK, MH+ 1677.9094, m/z 839.4583
tgriffin_bandh003_110709_unt_HvBC_OG15to24_6.10928.10928.2.dta

scan 0: 3.5e+003



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
202.1313	1	G	12		
365.1946	2	Y	11	1476.7859	738.8969
478.2786	3	I	10	1313.7226	657.3652
565.3107	4	S	9	1200.6385	600.8232
662.3634	5	P	8	1113.6065	557.3072
825.4268	6	Y	7	1016.5538	508.7808
972.4952	7	F	6	853.4904	427.2491
1085.5792	8	I	5	706.4220	353.7149
1199.6222	9	N	4	593.3380	297.1729
1300.6698	10	T	3	479.2950	240.1514
1387.7019	11	S	2	378.2473	189.6276
	12	K	1	291.2153	146.1116

N-term:+145.11 K(12):+272.20

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☐ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☐ 3+

z ☐ + ☐ 2+ ☐ 3+

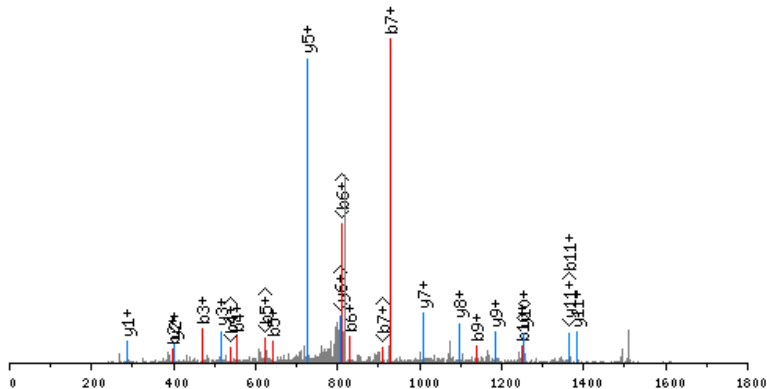
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

QQASSWVPLLNK, MH+ 1650.9332, m/z 825.9702
tgriffin_bandh003_110709_unut_HvBC_OG15to24_6.11951.11951.2.dta

scan 0: 3.3e+003



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
269.1614	1	Q	12		
397.2199	2	Q	11	1382.7796	691.8937
468.2571	3	A	10	1254.7210	627.8644
555.2891	4	S	9	1183.6839	592.3459
642.3211	5	S	8	1096.6519	548.8299
828.4004	6	W	7	1009.6199	505.3138
927.4688	7	V	6	823.5405	412.2742
1024.5216	8	P	5	724.4721	362.7400
1137.6057	9	L	4	627.4194	314.2136
1250.6897	10	L	3	514.3353	257.6716
1364.7327	11	N	2	401.2512	201.1295
	12	K	1	287.2083	144.1081

N-term:+141.10 K(12):+268.19

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☐ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☐ 3+

z ☐ + ☐ 2+ ☐ 3+

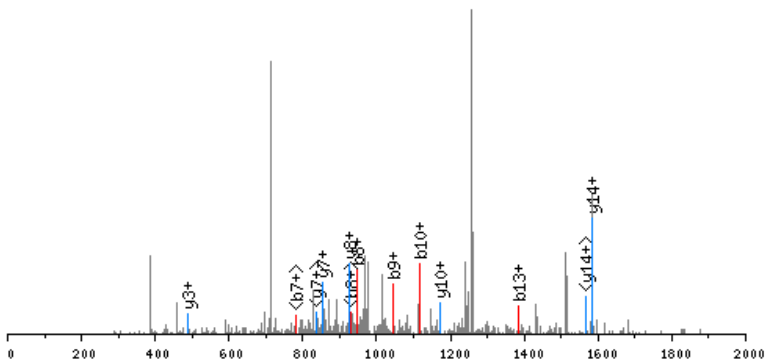
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

GSPVNSLFVAPAVTPVK, MH+ 1971.1521, m/z 986.0797
tgriffin_bandh003_110709_unt_HvBC_OG15to24_6.12489.12489.2.dta

scan 0: 9.7e+002



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
202.1313	1	G	17		
289.1633	2	S	16	1770.0286	885.5182
386.2160	3	P	15	1682.9966	842.0022
485.2845	4	V	14	1585.9438	793.4758
599.3274	5	N	13	1486.8754	743.9416
686.3594	6	S	12	1372.8325	686.9202
799.4435	7	L	11	1285.8005	643.4041
946.5119	8	F	10	1172.7164	586.8621
1045.5803	9	V	9	1025.6480	513.3279
1116.6174	10	A	8	926.5796	463.7937
1213.6702	11	P	7	855.5425	428.2751
1284.7073	12	A	6	758.4897	379.7488
1383.7757	13	V	5	687.4526	344.2302
1484.8234	14	T	4	588.3842	294.6960
1581.8762	15	P	3	487.3365	244.1722
1680.9446	16	V	2	390.2837	195.6458
	17	K	1	291.2153	146.1116

N-term:+145.11 K(17):+272.20

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☐ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☐ 3+

z ☐ + ☐ 2+ ☐ 3+

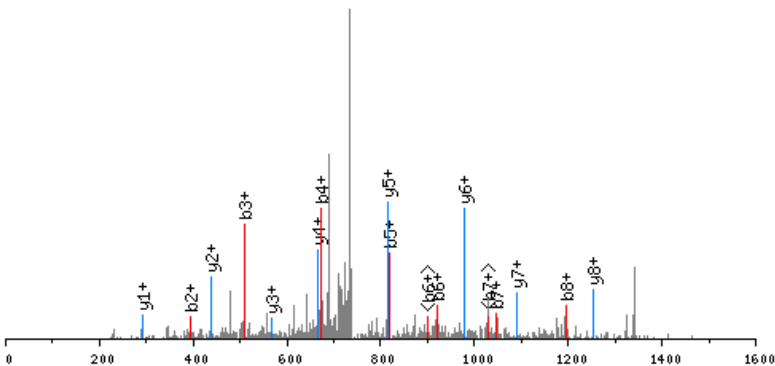
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

SYLYFTQFK, MH+ 1484.8031, m/z 742.9052
tgriffin_bandh003_110709_unt_HvBC_OG15to24_6.12738.12738.2.dta

scan 0; 1.5e+003



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
232.1418	1	S	9		
395.2051	2	Y	8	1253.6691	627.3385
508.2892	3	L	7	1090.6058	545.8068
671.3525	4	Y	6	977.5217	489.2648
818.4210	5	F	5	814.4584	407.7331
919.4686	6	T	4	667.3900	334.1989
1047.5272	7	Q	3	566.3423	283.6751
1194.5956	8	F	2	438.2837	219.6458
	9	K	1	291.2153	146.1116

N-term:+145.11 K(9):+272.20

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☐ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☐ 3+

z ☐ + ☐ 2+ ☐ 3+

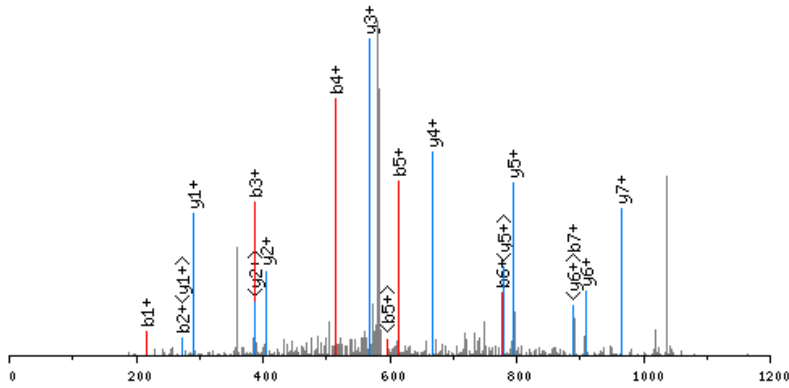
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

AGLQVYNK, MH+ 1180.6932, m/z 590.8502
tgriffin_bandh003_110709_unt_HvBC_OG15to24_7.5843.5843.2.dta

scan 0; 6.9e+003



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
216.1469	1	A	8		
273.1684	2	G	7	965.5541	483.2810
386.2524	3	L	6	908.5326	454.7702
514.3110	4	Q	5	795.4486	398.2282
613.3794	5	V	4	667.3900	334.1989
776.4427	6	Y	3	568.3216	284.6647
890.4857	7	N	2	405.2582	203.1330
	8	K	1	291.2153	146.1116

N-term:+145.11 K(8):+272.20

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☐ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☐ 3+

z ☐ + ☐ 2+ ☐ 3+

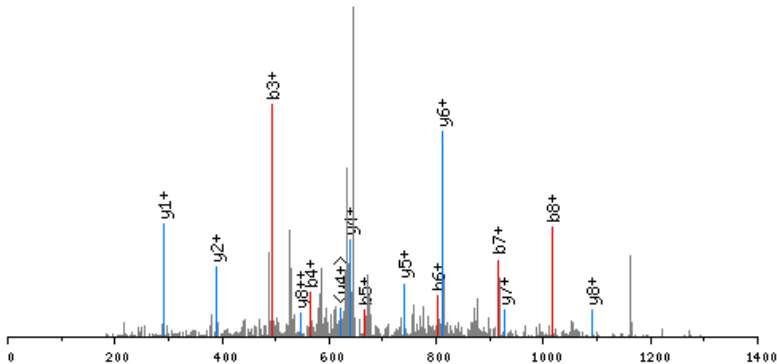
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

AYDATHLVK, MH+ 1305.7408, m/z 653.3741
tgriffin_bandh003_110709_unt_HvBC_OG15to24_7.6196.6196.2.dta

scan 0; 3.5e+003



click image to zoom in; click top corners to zoom out

b ⁺	#	AA	#	y ⁺	y ²⁺
216.1469	1	A	9		
379.2102	2	Y	8	1090.6018	545.8048
494.2372	3	D	7	927.5384	464.2731
565.2743	4	A	6	812.5115	406.7597
666.3220	5	T	5	741.4744	371.2411
803.3809	6	H	4	640.4267	320.7173
916.4649	7	L	3	503.3678	252.1878
1015.5334	8	V	2	390.2837	195.6458
	9	K	1	291.2153	146.1116

N-term:+145.11 K(9):+272.20

X-range:

MassTol: Y-zoom:

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Tons:

a ☐ ☐ 2+ ☐ 3+

b ☒ ☒ 2+ ☐ 3+

c ☐ ☐ 2+ ☐ 3+

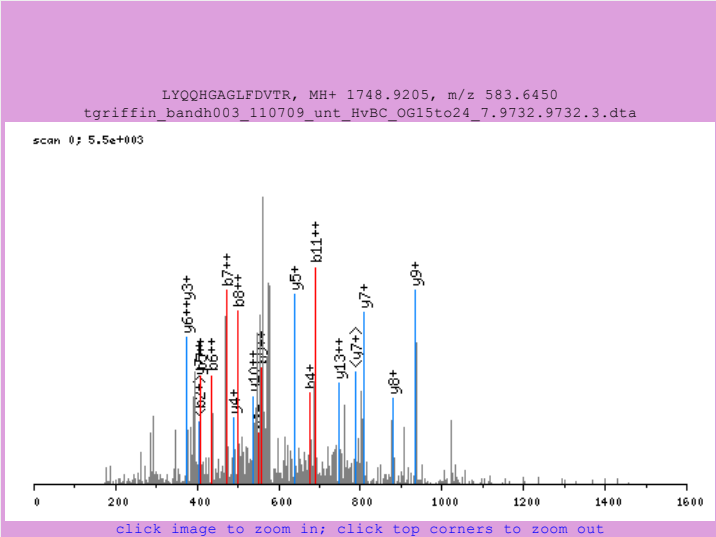
x ☐ ☐ 2+ ☐ 3+

y ☒ ☒ 2+ ☒ 3+

z ☐ ☐ 2+ ☐ 3+

hide $\text{H}_2\text{O}/\text{NH}_3$ ☐

zoom 112-122 ☐



b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
258.1939	129.6008	1	L	14			
421.2572	211.1325	2	Y	13	1491.7345	746.3711	497.9167
549.3158	275.1618	3	Q	12	1328.6711	664.8395	443.5623
677.3743	339.1911	4	Q	11	1200.6125	600.8102	400.8761
814.4342	407.7205	5	H	10	1072.5540	536.7809	358.1899
871.4547	436.2313	6	G	9	935.4951	468.5124	312.5036
942.4918	471.7498	7	A	8	878.4736	439.7407	293.4964
999.5133	500.2606	8	G	7	807.4365	404.2222	269.8174
1112.5974	556.8026	9	L	6	750.4150	375.7114	250.8102
1259.6658	630.3368	10	F	5	637.3310	319.1694	213.1155
1374.6927	687.8503	11	D	4	490.2625	245.6352	164.0927
1473.7611	737.3845	12	V	3	375.2356	188.1217	125.7504
1574.8088	787.9083	13	T	2	276.1672	138.5875	92.7276
		14	R	1	175.1195	88.0637	59.0451

N-term:+145.11

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

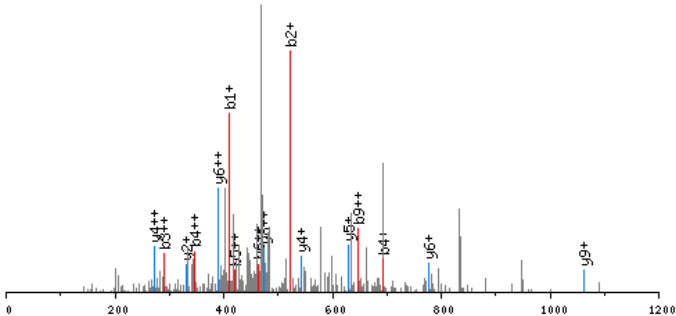
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

KIGNFSIVRR, MH+ 1469.9069, m/z 490.6405
tgriffin_bandh003_110709_unt HvBC_OG15to24_7.12285.12285.3.dta

scan 0: 4.3e+002



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
409.2927	205.1503	1	K	10			
522.3768	261.6923	2	I	9	1061.6220	531.3149	354.5459
579.3982	290.2030	3	G	8	948.5379	474.7729	316.8512
693.4412	347.2245	4	N	7	891.5165	446.2621	297.8440
840.5096	420.7587	5	F	6	777.4735	389.2407	259.8297
927.5416	464.2747	6	S	5	630.4051	315.7065	210.8069
1040.6257	520.8168	7	I	4	543.3731	272.1905	181.7962
1139.6941	570.3510	8	V	3	430.2890	215.6484	144.1016
1295.7952	648.4015	9	R	2	331.2206	166.1142	111.0788
		10	R	1	175.1195	88.0637	59.0451

N-term:+141.10 K(1):+268.19

X-range: -

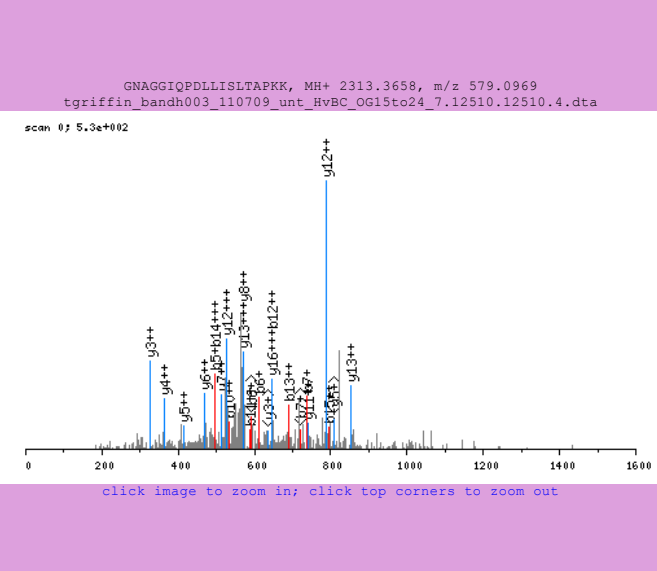
MassTol: Y-zoom:

MassType:
☐ AVG ☒ MONO

Axis:
☒ 1 ☐ 2

Label:
☒ I ☐ M ☐

Ions:
a ☐ + ☐ 2+ ☐ 3+
b ☒ + ☒ 2+ ☒ 3+
c ☐ + ☐ 2+ ☐ 3+
x ☐ + ☐ 2+ ☐ 3+
y ☒ + ☒ 2+ ☒ 3+
z ☐ + ☐ 2+ ☐ 3+
hide H₂O/NH₃ ☐
zoom 112-122 ☐

[illegible]

X-range:

0 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

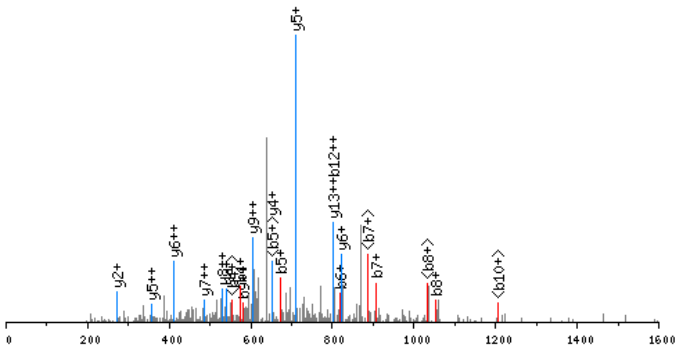
hide H₂O/NH₃ ☐

zoom 112-122 ☐

GO

ESNTVFSFLGLKPR, MH+ 1875.0492, m/z 625.6879
tgriffin_bandh003_110709_unt HvBC_OG15to24_7.13489.13489.3.dta

scan 0: 6.3e+002



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
270.1454	135.5766	1	E	14			
357.1774	179.0926	2	S	13	1605.9117	803.4598	535.9758
471.2203	236.1141	3	N	12	1518.8797	759.9437	506.9651
572.2680	286.6379	4	T	11	1404.8367	702.9223	468.9508
671.3364	336.1721	5	V	10	1303.7891	652.3984	435.2682
818.4048	409.7063	6	F	9	1204.7206	602.8642	402.2454
905.4369	453.2223	7	S	8	1057.6522	529.3300	353.2226
1052.5053	526.7566	8	F	7	970.6202	485.8140	324.2119
1165.5893	583.2986	9	L	6	823.5518	412.2798	275.1891
1222.6108	611.8093	10	G	5	710.4677	355.7378	237.4945
1335.6949	668.3514	11	L	4	653.4463	327.2270	218.4873
1603.8848	802.4463	12	K	3	540.3622	270.6850	180.7926
1700.9376	850.9727	13	P	2	272.1723	136.5900	91.3960
		14	R	1	175.1195	88.0637	59.0451

N-term:+141.10 K(12):+268.19

X-range:

0 - 0

MassTol: Y-zoom:

0.950 1.00

MassType:

☐ AVG ☒ MONO

Axis:

☒ 1 ☐ 2

Label:

☒ I ☐ M ☐ -

Ions:

a ☐ + ☐ 2+ ☐ 3+

b ☒ + ☒ 2+ ☐ 3+

c ☐ + ☐ 2+ ☐ 3+

x ☐ + ☐ 2+ ☐ 3+

y ☒ + ☒ 2+ ☒ 3+

z ☐ + ☐ 2+ ☐ 3+

hide H₂O/NH₃ ☐

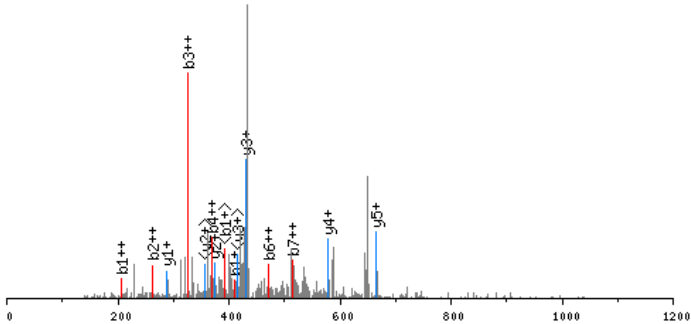
zoom 112-122 ☐

GO

KIESFGSK, MH+ 1315.7738, m/z 439.2628

tgriffin_bandh003_110709_unut_HvBC_OG15to24_8.5464.5464.3.dta

scan 0: 1.0e+004



click image to zoom in; click top corners to zoom out

b ⁺	b ²⁺	#	AA	#	y ⁺	y ²⁺	y ³⁺
409.2927	205.1503	1	K	8			
522.3768	261.6923	2	I	7	907.4889	454.2484	303.1682
651.4194	326.2136	3	E	6	794.4048	397.7063	265.4735
738.4514	369.7296	4	S	5	665.3623	333.1850	222.4593
885.5198	443.2638	5	F	4	578.3302	289.6690	193.4486
942.5413	471.7746	6	G	3	431.2618	216.1348	144.4258
1029.5733	515.2906	7	S	2	374.2403	187.6241	125.4187
		8	K	1	287.2083	144.1081	96.4080

N-term:+141.10 K(1):+268.19 K(8):+268.19

X-range: -

MassTol: Y-zoom:

MassType: ☐ AVG ☒ MONO

Axis: ☒ 1 ☐ 2

Label: ☐ I ☐ M ☐ -

Ions: ☐ a ☐ + ☐ 2+ ☐ 3+

☒ b ☒ + ☒ 2+ ☒ 3+

☐ c ☐ + ☐ 2+ ☐ 3+

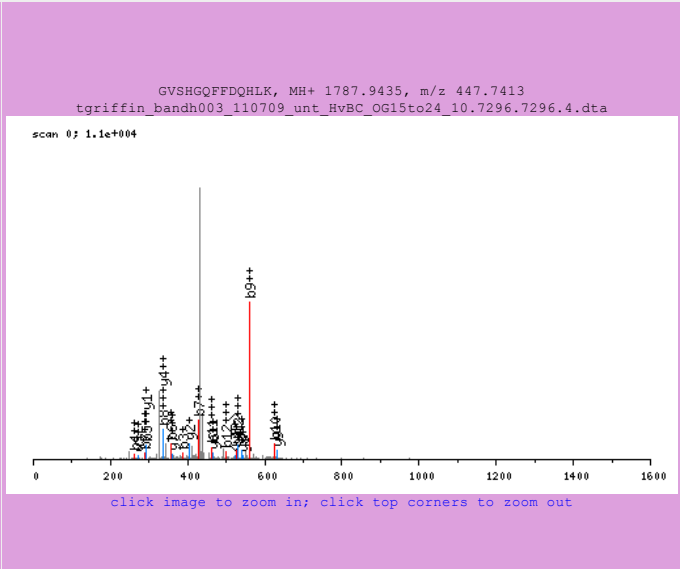
☐ x ☐ + ☐ 2+ ☐ 3+

☒ y ☒ + ☒ 2+ ☒ 3+

☐ z ☐ + ☐ 2+ ☐ 3+

hide H₂O/NH₃ ☐

zoom 112-122 ☐



b^+	b^{2+}	b^{3+}	#	AA	#	y^+	y^{2+}	y^{3+}
202.1313	101.5695	68.0490	1	G	13			
301.1997	151.1037	101.0718	2	V	12	1586.8200	793.9139	529.6111
388.2317	194.6198	130.0824	3	S	11	1487.7516	744.3797	496.5891
525.2906	263.1492	175.7688	4	H	10	1400.7196	700.8637	467.5784
582.3121	291.6599	194.7759	5	G	9	1263.6607	632.3343	421.8921
710.3706	355.6892	237.4621	6	Q	8	1206.6392	603.8235	402.8850
857.4391	429.2234	286.4849	7	F	7	1078.5806	539.7942	360.1988
1004.5075	502.7577	335.5077	8	F	6	931.5122	466.2600	311.1760
1119.5344	560.2711	373.8500	9	D	5	784.4438	392.7258	262.1532
1247.5930	624.3004	416.5362	10	Q	4	669.4169	335.2123	223.8108
1384.6519	692.8299	462.2225	11	H	3	541.3583	271.1831	181.1246
1497.7360	749.3719	499.9172	12	L	2	404.2994	202.6536	135.4383
			13	K	1	291.2153	146.1116	97.7437

N-term: +145.11 K(13): +272.20