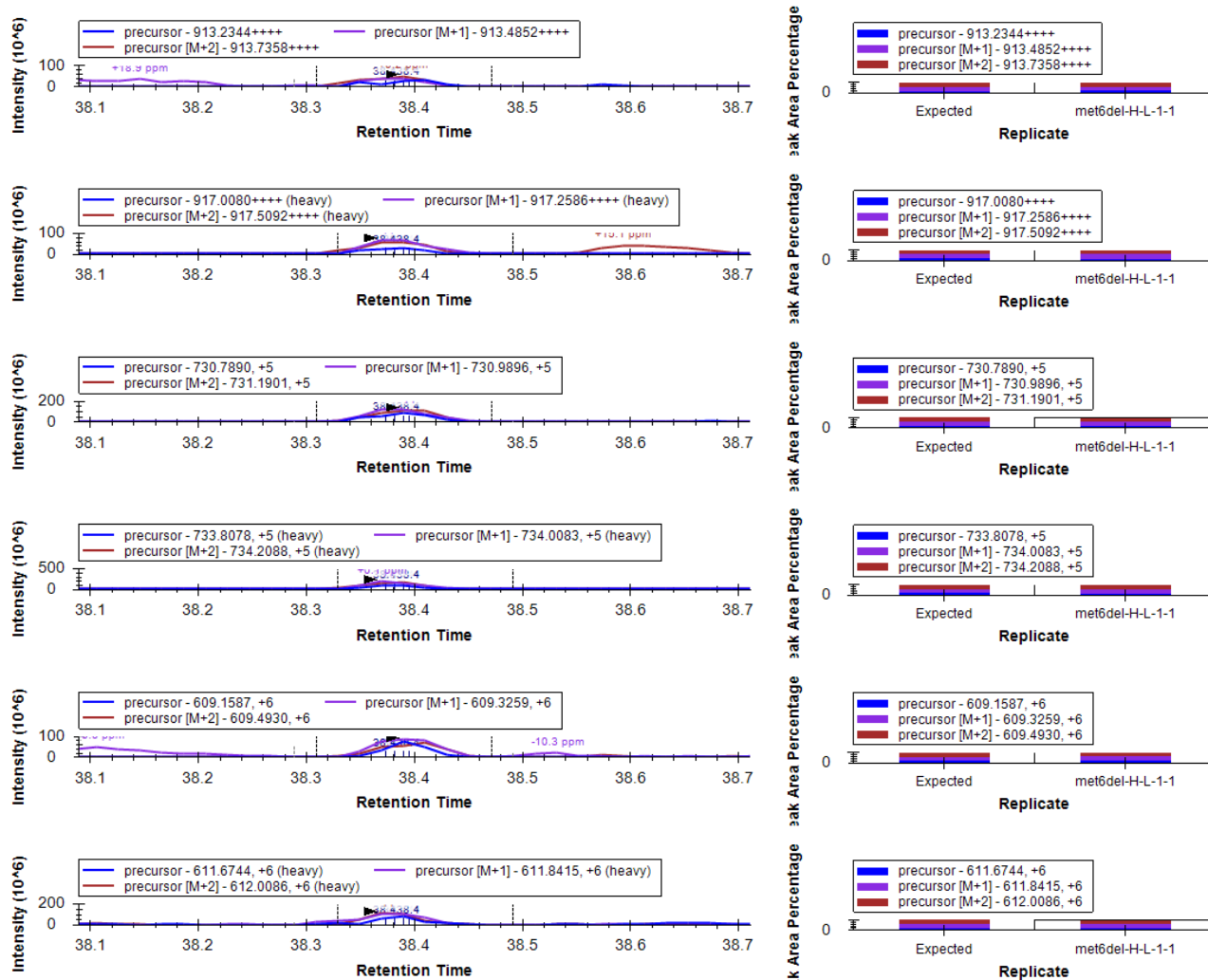


# Cytoplasmic Ribosomal Fraction

MS1 Chromatograms and  
MS2 Fragmentation Patterns

# RPL23B

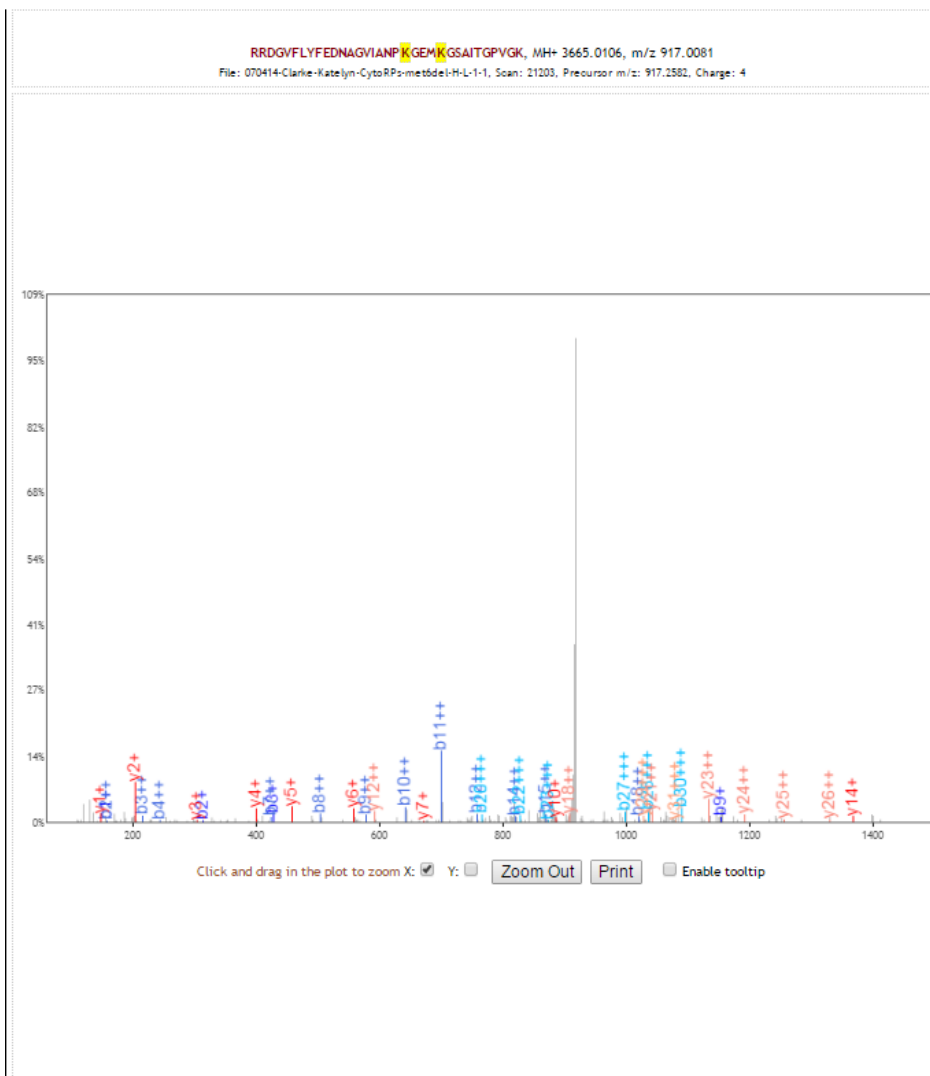
R.RRDGVFLYFEDNAGVIANPdi**KGEM**di**KGSAITGPVGK**.E [86, 119] (missed 3)



Replicate 1

# RPL23B

R.RRDGVFLYFEDNAGVIANPdi**KGEM**di**KGSAITGPV**GK.E [86, 119] (missed 3)



b-	b2+	b3+	#	Seq	#	y+	y2+	y3+
157.1084	79.0578	53.0410	1	R	34			
313.2095	157.1084	105.0747	2	R	33	3508.9095	1754.9584	1170.3080
428.2364	214.6219	143.4170	3	D	32	3352.8084	1676.9078	1118.2743
485.2579	243.1326	162.4242	4	G	31	3237.7814	1619.3944	1079.9320
584.3263	292.6668	195.4470	5	V	30	3180.7600	1590.8836	1060.9248
731.3947	366.2010	244.4698	6	F	29	3081.6916	1541.3494	1027.9020
844.4788	422.7430	282.1644	7	L	28	2934.6232	1467.8152	978.8792
1007.5421	504.2747	336.5189	8	Y	27	2821.5391	1411.2732	941.1845
1154.6105	577.8089	385.5417	9	F	26	2658.4758	1329.7415	886.8301
1283.6531	642.3302	428.5559	10	E	25	2511.4073	1256.2073	837.8073
1398.6801	699.8437	466.8982	11	D	24	2382.3648	1191.6860	794.7931
1512.7230	756.8651	504.9125	12	N	23	2267.3378	1134.1725	756.4508
1583.7601	792.3837	528.5916	13	A	22	2153.2949	1077.1511	718.4365
1640.7816	820.8944	547.5987	14	G	21	2082.2578	1041.6325	694.7574
1739.8500	870.4286	580.6215	15	V	20	2025.2363	1013.1218	675.7503
1852.9341	926.9707	618.3162	16	I	19	1926.1679	963.5876	642.7275
1923.9712	962.4892	641.9952	17	A	18	1813.0838	907.0456	605.0328
2038.0141	1019.5107	680.0096	18	N	17	1742.0467	871.5270	581.3538
2135.0669	1068.0371	712.3605	19	P	16	1628.0038	814.5055	543.3394
2297.2310	1149.1192	766.4152	20	K	15	1530.9510	765.9792	510.9885
2354.2525	1177.6299	785.4223	21	G	14	1368.7869	684.8971	456.9338
2483.2951	1242.1512	828.4365	22	E	13	1311.7654	656.3863	437.9267
2617.3545	1309.1809	873.1230	23	M	12	1182.7228	591.8650	394.9125
2779.5186	1390.2630	927.1777	24	K	11	1048.6634	524.8353	350.2260
2836.5401	1418.7737	946.1849	25	G	10	886.4993	443.7533	296.1713
2923.5721	1462.2897	975.1956	26	S	9	829.4758	415.2425	277.1641
2994.6092	1497.8083	998.8746	27	A	8	742.4458	371.7265	248.1534
3107.6933	1554.3503	1036.5693	28	I	7	671.4087	336.2080	224.4744
3208.7410	1604.8741	1070.2518	29	T	6	558.3246	279.6659	186.7797
3265.7624	1633.3849	1089.2590	30	G	5	457.2769	229.1421	153.0972
3362.8152	1681.9112	1121.6099	31	P	4	400.2554	200.6314	134.0900
3461.8836	1731.4454	1154.6327	32	V	3	303.2027	152.1050	101.7391
3518.9051	1759.9562	1173.6399	33	G	2	204.1343	102.5708	68.7163
			34	K	1	147.1128	74.0600	49.7091

[Ctrl] to move table

Static Modifications:  
C: 57.02146  
M: 3.0189

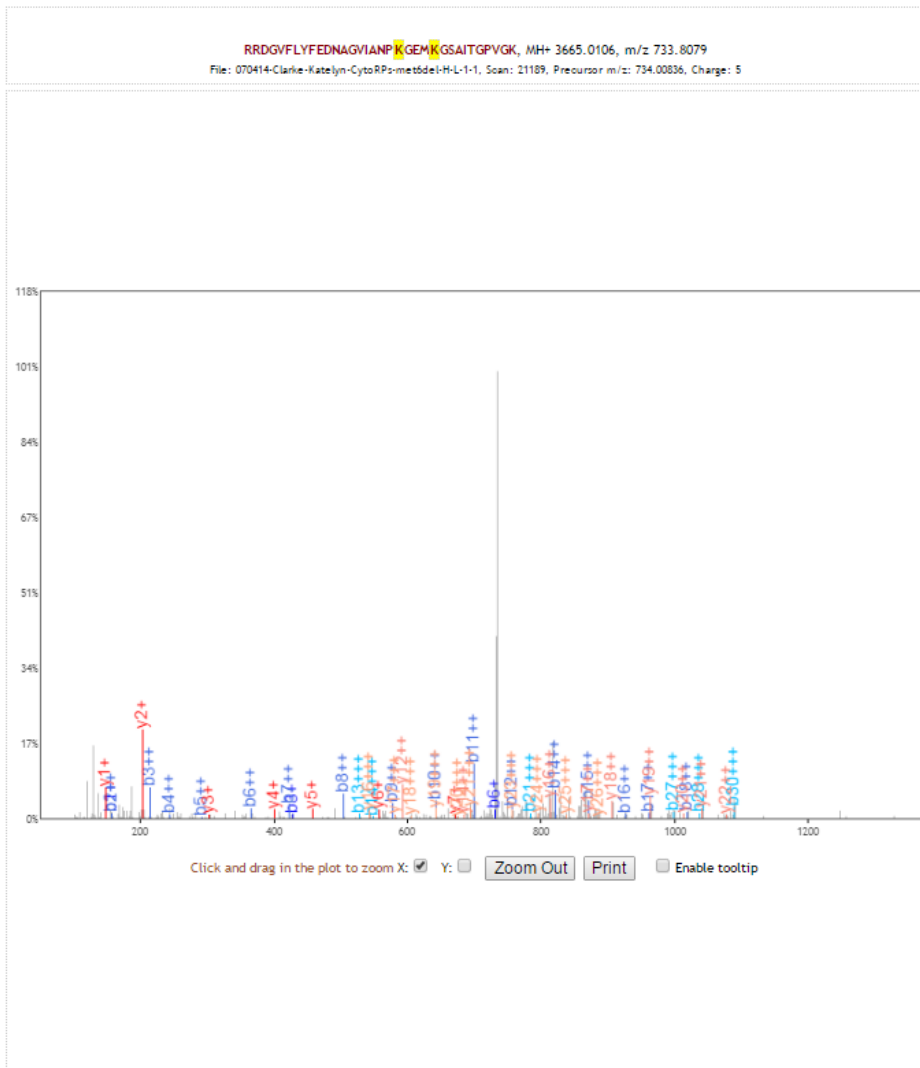
Variable Modifications:  
K: 34.0692

Replicate 1



# RPL23B

R.RRDGVFLYFEDNAGVIANPdi**KGEM**di**KGSAITGPV**GK.E [86, 119] (missed 3)

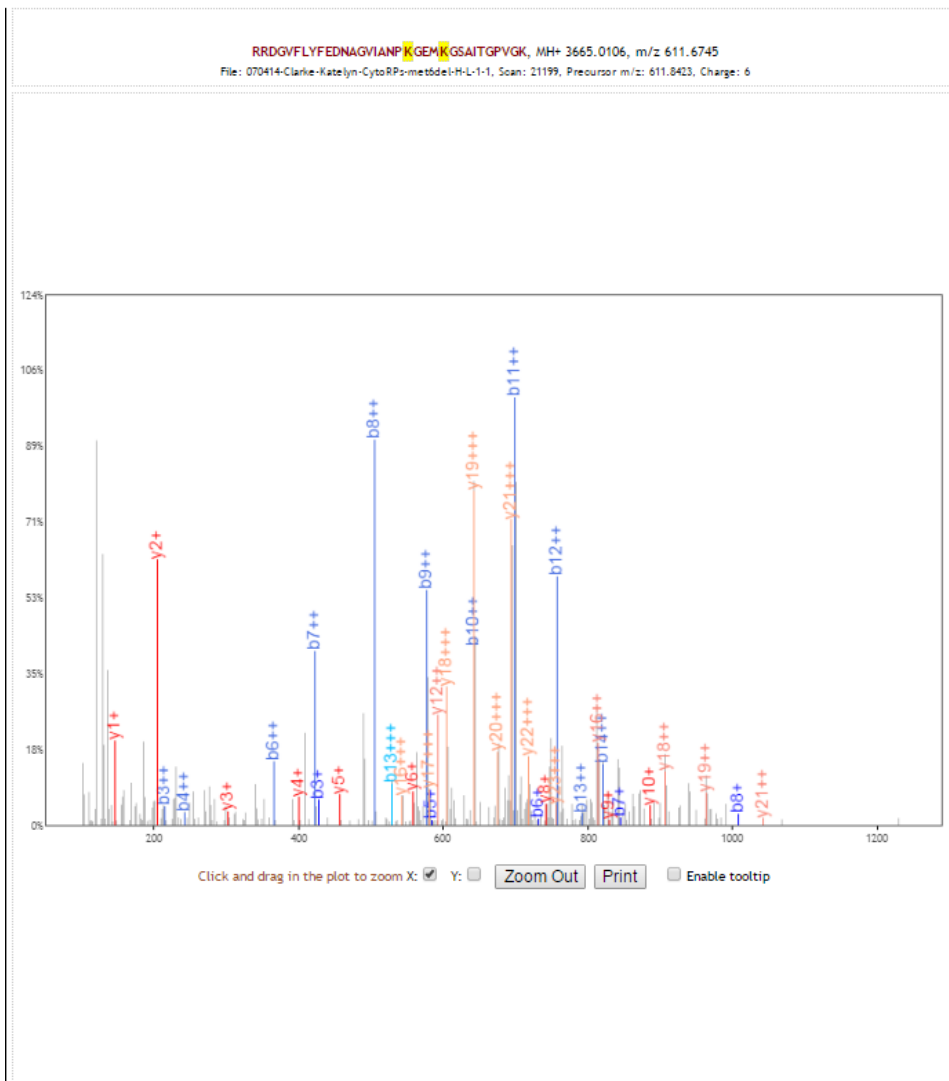


b-	b2-	b3-	#	Seq #	y-	y2-	y3-
<b>157.1084</b>	79.0578	53.0410	1	R 34			
313.2095	<b>157.1084</b>	105.0747	2	R 33	3508.9095	1754.9584	1170.3080
<b>428.2364</b>	<b>214.6219</b>	143.4170	3	D 32	3352.8084	1676.9078	1118.2743
485.2579	<b>243.1326</b>	162.4242	4	G 31	3237.7814	1619.3944	1079.9320
584.3263	<b>292.6668</b>	195.4470	5	V 30	3180.7600	1590.8836	1060.9248
<b>731.3947</b>	<b>366.2010</b>	244.4698	6	F 29	3081.6916	1541.3494	1027.9020
844.4788	<b>422.7430</b>	282.1644	7	L 28	2934.6232	1467.8152	978.8792
1007.5421	<b>504.2747</b>	336.5189	8	Y 27	2821.5391	1411.2732	941.1845
1154.6105	<b>577.8089</b>	385.5417	9	F 26	2658.4758	1329.7415	<b>886.8301</b>
1283.6531	<b>642.3302</b>	428.5559	10	E 25	2511.4073	1256.2073	<b>837.8073</b>
1396.6801	<b>699.8437</b>	466.8982	11	D 24	2382.3648	1191.6860	<b>794.7931</b>
1512.7230	<b>756.8651</b>	504.9125	12	N 23	2267.3378	1134.1725	<b>756.4508</b>
1583.7601	792.3837	<b>528.5916</b>	13	A 22	2153.2949	<b>1077.1511</b>	718.4365
1640.7816	<b>820.8944</b>	<b>547.5987</b>	14	G 21	2082.2578	<b>1041.6325</b>	<b>694.7574</b>
1739.8500	<b>870.4286</b>	580.6215	15	V 20	2025.2363	<b>1013.1218</b>	<b>675.7503</b>
1852.9341	<b>926.9707</b>	618.3162	16	I 19	1926.1679	<b>963.5876</b>	<b>642.7275</b>
1923.9712	<b>962.4892</b>	641.9952	17	A 18	1813.0838	<b>907.0456</b>	<b>605.0328</b>
2038.0141	<b>1019.5107</b>	680.0096	18	N 17	1742.0467	<b>871.5270</b>	<b>581.3538</b>
2135.0669	1068.0371	712.3605	19	P 16	1628.0038	<b>814.5055</b>	<b>543.3394</b>
2297.2310	1149.1192	766.4152	20	<b>K</b> 15	1530.9510	765.9792	510.9885
2354.2525	1177.6299	<b>785.4223</b>	21	G 14	1368.7869	<b>684.8971</b>	456.9338
2483.2951	1242.1512	828.4365	22	E 13	1311.7654	656.3863	437.9267
2617.3545	1309.1809	873.1230	23	M 12	1182.7228	<b>591.8650</b>	394.9125
2779.5186	1390.2630	927.1777	24	<b>K</b> 11	1048.6634	524.8353	350.2260
2836.5401	1418.7737	946.1849	25	G 10	886.4993	443.7533	296.1713
2923.5721	1462.2897	975.1956	26	S 9	829.4778	415.2425	277.1641
2994.6092	1497.8083	<b>998.8746</b>	27	A 8	742.4458	371.7265	248.1534
3107.6933	1554.3503	<b>1036.5693</b>	28	I 7	<b>671.4087</b>	336.2080	224.4744
3208.7410	1604.8741	1070.2518	29	T 6	<b>558.3246</b>	279.6659	186.7797
3265.7624	1633.3849	<b>1089.2590</b>	30	G 5	<b>457.2769</b>	229.1421	153.0972
3362.8152	1681.9112	1121.6099	31	P 4	<b>400.2554</b>	200.6314	134.0900
3461.8836	1731.4454	1154.6327	32	V 3	<b>303.2027</b>	152.1050	101.7391
3518.9051	1759.9562	1173.6399	33	G 2	<b>204.1343</b>	102.5708	68.7163
			34	<b>K</b> 1	<b>147.1128</b>	74.0600	49.7091

[Click](#) to move table  
 Static Modifications:  
 C: 57.02146  
 M: 3.0189  
 Variable Modifications:  
 K: 34.0692

# RPL23B

R.RRDGVFLYFEDNAGVIANPdi**KGEM**di**KGSAITGPV**GK.E [86, 119] (missed 3)



b+	b2+	b3+	#	Seq #	y+	y2+	y3+
157.1084	79.0578	53.0410	1	R 34			
313.2095	157.1084	105.0747	2	R 33	3508.9095	1754.9584	1170.3080
<b>428.2364</b>	<b>214.6219</b>	143.4170	3	D 32	3352.8084	1676.9078	1118.2743
485.2579	243.1326	162.4242	4	G 31	3237.7814	1619.3944	1079.9320
<b>584.3263</b>	292.6668	195.4470	5	V 30	3180.7600	1590.8836	1060.9248
<b>731.3947</b>	<b>366.2010</b>	244.4698	6	F 29	3081.6916	1541.3494	1027.9020
<b>844.4788</b>	<b>422.7430</b>	282.1644	7	L 28	2934.6232	1467.8152	978.8792
<b>1007.5421</b>	<b>504.2747</b>	336.5189	8	Y 27	2821.5391	1411.2732	941.1845
1154.6105	<b>577.8089</b>	385.5417	9	F 26	2658.4758	1329.7415	886.8301
1283.6531	<b>642.3302</b>	428.5559	10	E 25	2511.4073	1256.2073	837.8073
1398.6801	<b>699.8437</b>	466.8982	11	D 24	2382.3648	1191.6860	794.7931
1512.7230	<b>756.8651</b>	504.9125	12	N 23	2267.3378	1134.1725	<b>756.4508</b>
1583.7601	<b>792.3837</b>	<b>528.5916</b>	13	A 22	2153.2949	1077.1511	<b>718.4365</b>
1640.7816	<b>820.8944</b>	547.5987	14	G 21	2082.2578	<b>1041.6325</b>	<b>694.7574</b>
1739.8500	870.4286	580.6215	15	V 20	2025.2363	1013.1218	<b>675.7503</b>
1852.9341	926.9707	618.3162	16	I 19	1926.1679	<b>963.5876</b>	<b>642.7275</b>
1923.9712	962.4892	641.9952	17	A 18	1813.0838	<b>907.0456</b>	<b>605.0328</b>
2038.0141	1019.5107	680.0096	18	N 17	1742.0467	871.5270	<b>581.3538</b>
2135.0669	1068.0371	712.3605	19	P 16	1628.0038	<b>814.5055</b>	<b>543.3394</b>
2297.2310	1149.1192	766.4152	20	<b>K</b> 15	1530.9510	765.9792	510.9885
2354.2525	1177.6299	785.4223	21	G 14	1368.7869	684.8971	456.9338
2483.2951	1242.1512	828.4365	22	E 13	1311.7654	656.3863	437.9267
2617.3545	1309.1809	873.1230	23	<b>M</b> 12	1182.7228	<b>591.8650</b>	394.9125
2779.5186	1390.2630	927.1777	24	<b>K</b> 11	1048.6634	524.8353	350.2260
2836.5401	1418.7737	946.1849	25	G 10	<b>886.4993</b>	443.7533	296.1713
2923.5721	1462.2897	975.1956	26	S 9	<b>829.4778</b>	415.2425	277.1641
2994.6092	1497.8083	998.8746	27	<b>A</b> 8	<b>742.4458</b>	371.7265	248.1534
3107.6933	1554.3503	1036.5693	28	I 7	671.4087	336.2080	224.4744
3208.7410	1604.8741	1070.2518	29	T 6	<b>558.3246</b>	279.6659	186.7797
3265.7624	1633.3849	1089.2590	30	G 5	<b>457.2769</b>	229.1421	153.0972
3362.8152	1681.9112	1121.6099	31	P 4	<b>400.2554</b>	200.6314	134.0900
3461.8836	1731.4454	1154.6327	32	V 3	<b>303.2027</b>	152.1050	101.7391
3518.9051	1759.9562	1173.6399	33	G 2	<b>204.1343</b>	102.5708	68.7163
			34	<b>K</b> 1	<b>147.1128</b>	74.0600	49.7091

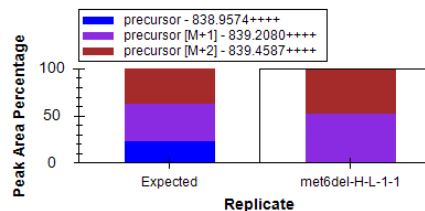
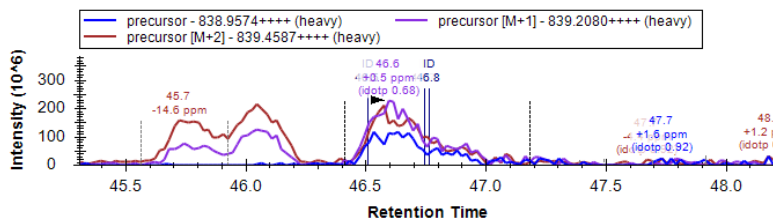
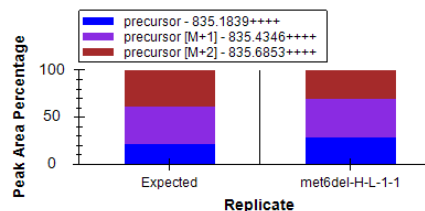
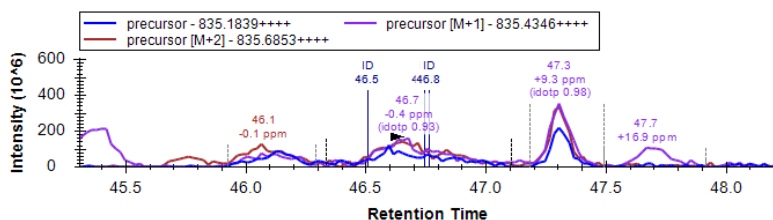
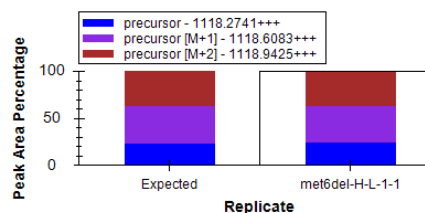
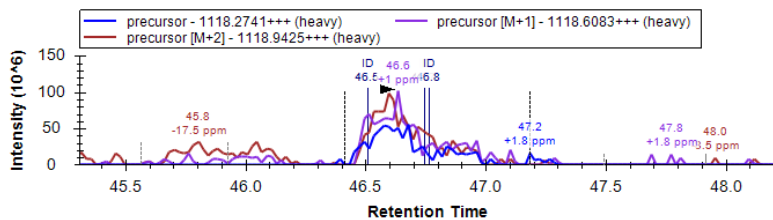
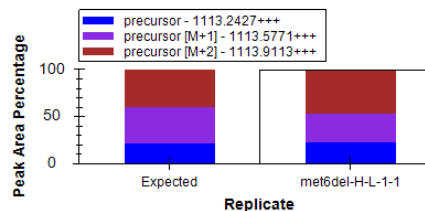
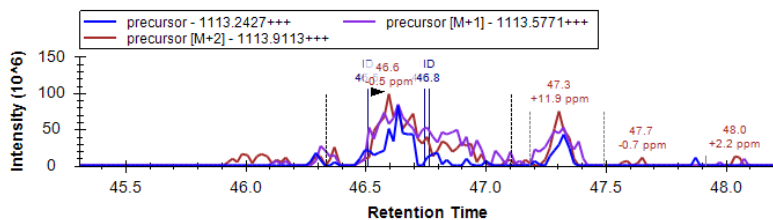
[\[Click\]](#) to move table

Static Modifications:  
 C: 57.02146  
 M: 3.0189

Variable Modifications:  
 K: 34.0692

# RPL23B

R.DGVFLYFEDNAGVIANPdi**KGEM**di**KGSAITGPV**GK.E [88, 119]  
(missed 2)

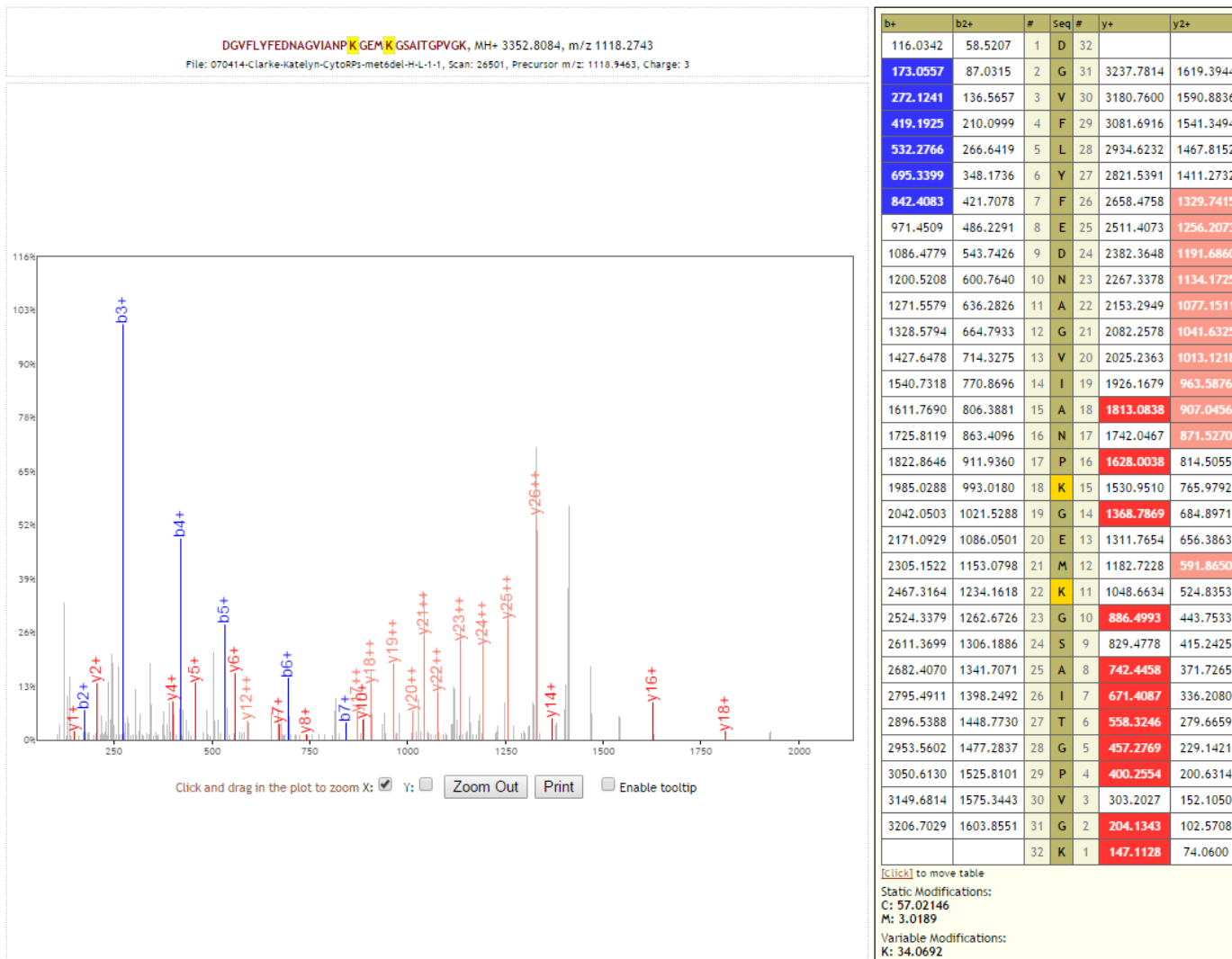


Replicate 1

# RPL23B

R.DGVFLYFEDNAGVIANPdi**K**GEMdi**K**GSAITGPVGK.E [88, 119]

(missed 2)



Replicate 1

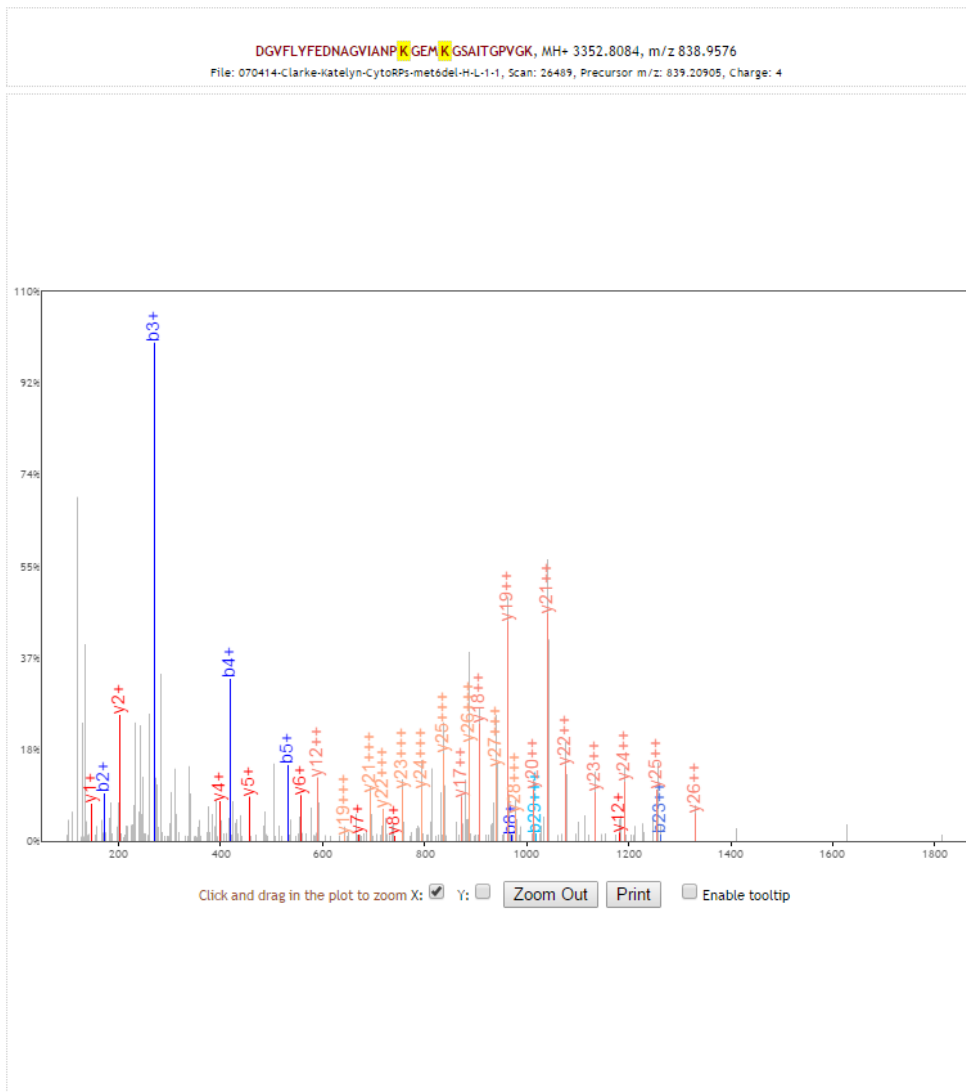




# RPL23B

R.DGVFLYFEDNAGVIANPdi**K**GEMdi**K**GSAITGPVGK.E [88, 119]

(missed 2)

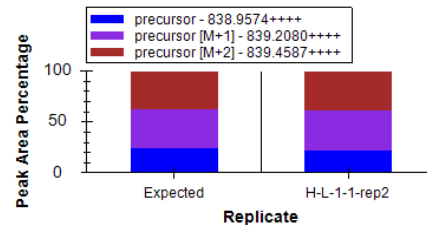
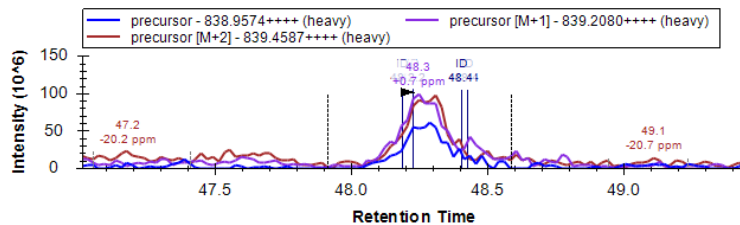
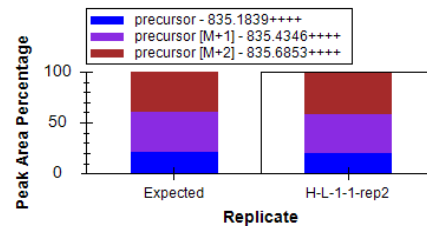
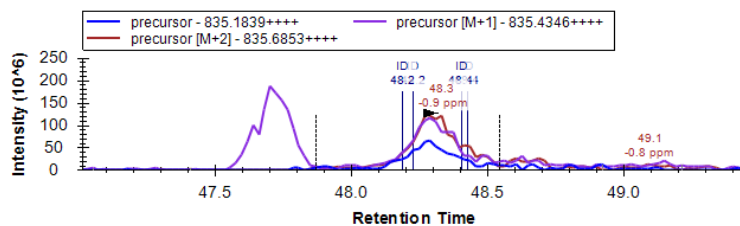
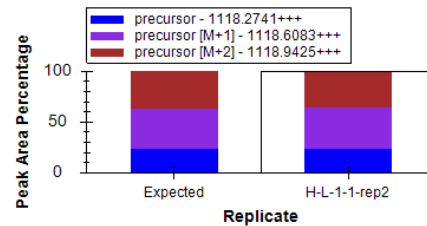
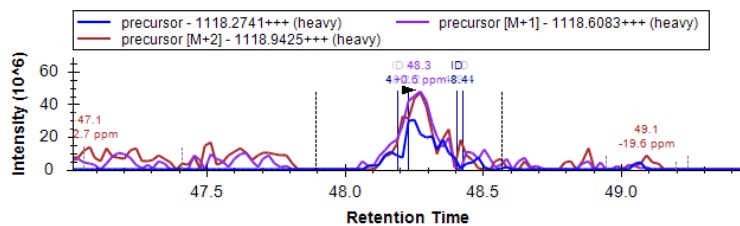
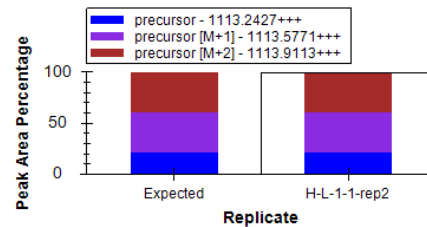
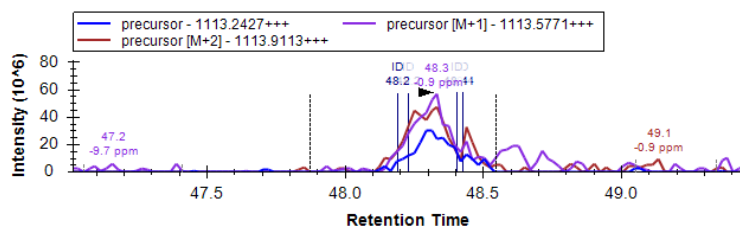


b+	b2+	b3+	#	Seq #	y+	y2+	y3+
116.0342	58.5207	39.3496	1	D 32			
173.0557	87.0315	58.3567	2	G 31	3237.7814	1619.3944	1079.9320
272.1241	136.5657	91.3795	3	V 30	3180.7600	1590.8836	1060.9248
419.1925	210.0999	140.4024	4	F 29	3081.6916	1541.3494	1027.9020
532.2766	266.6419	178.0970	5	L 28	2934.6232	1467.8152	978.8792
695.3399	348.1736	232.4515	6	Y 27	2821.5391	1411.2732	941.1845
842.4083	421.7078	281.4743	7	F 26	2658.4758	1329.7415	886.8301
971.4509	486.2291	324.4885	8	E 25	2511.4073	1256.2073	837.8073
1086.4779	543.7426	362.8308	9	D 24	2382.3648	1191.6860	794.7931
1200.5208	600.7640	400.8451	10	N 23	2267.3378	1134.1725	756.4508
1271.5579	636.2826	424.5241	11	A 22	2153.2949	1077.1511	718.4365
1328.5794	664.7933	443.5313	12	G 21	2082.2578	1041.6325	694.7574
1427.6478	714.3275	476.5541	13	V 20	2025.2363	1013.1218	675.7503
1540.7318	770.8696	514.2488	14	I 19	1926.1679	963.5876	642.7275
1611.7690	806.3881	537.9278	15	A 18	1813.0838	907.0456	605.0328
1725.8119	863.4096	575.9421	16	N 17	1742.0467	871.5270	581.3538
1822.8646	911.9360	608.2931	17	P 16	1628.0038	814.5055	543.3394
1985.0288	993.0180	662.3478	18	K 15	1530.9510	765.9792	510.9885
2042.0503	1021.5288	681.3549	19	G 14	1368.7869	684.8971	456.9338
2171.0929	1086.0501	724.3691	20	E 13	1311.7654	656.3863	437.9267
2305.1522	1153.0798	769.0556	21	M 12	1182.7228	591.8650	394.9125
2467.3164	1234.1618	823.1103	22	K 11	1048.6634	524.8353	350.2260
2524.3379	1262.6726	842.1175	23	G 10	886.4993	443.7533	296.1713
2611.3699	1306.1886	871.1282	24	S 9	829.4778	415.2425	277.1641
2682.4070	1341.7071	894.8072	25	A 8	742.4458	371.7265	248.1534
2795.4911	1398.2492	932.5019	26	I 7	671.4087	336.2080	224.4744
2896.5388	1448.7730	966.1844	27	T 6	558.3246	279.6659	186.7797
2953.5602	1477.2837	985.1916	28	G 5	457.2769	229.1421	153.0972
3050.6130	1525.8101	1017.5425	29	P 4	400.2554	200.6314	134.0900
3149.6814	1575.3443	1050.5653	30	V 3	303.2027	152.1050	101.7391
3206.7029	1603.8551	1069.5725	31	G 2	204.1343	102.5708	68.7163
			32	K 1	147.1128	74.0600	49.7091

[click] to move table  
 Static Modifications:  
 C: 57.02146  
 M: 3.0189  
 Variable Modifications:  
 K: 34.0692

# RPL23B

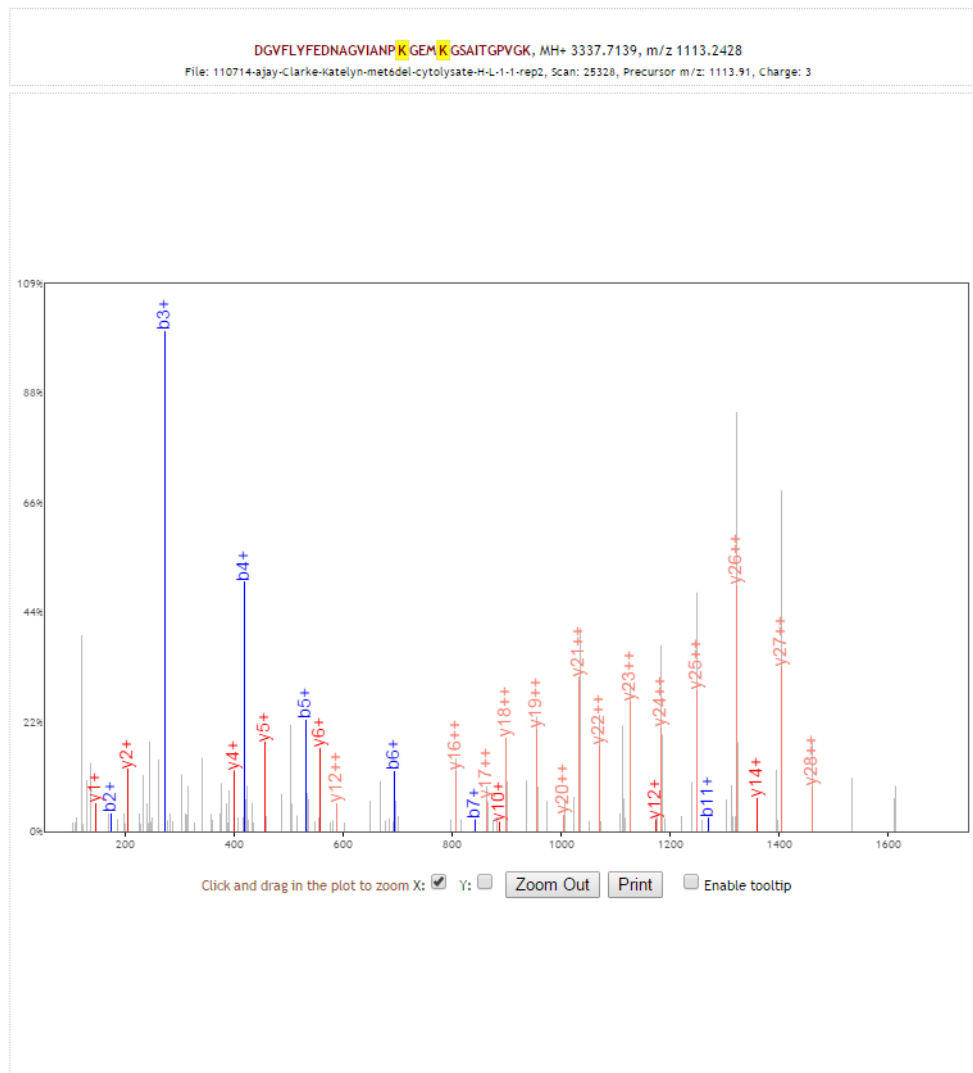
## R.DGVFLYFEDNAGVIANPdi**KGEM**di**KGSAITGPVGK**.E [88, 119] (missed 2)



Replicate 2

# RPL23B

R.DGVFLYFEDNAGVIANPdi**K**GEMdi**K**GSAITGPVGK.E [88, 119]  
(missed 2)

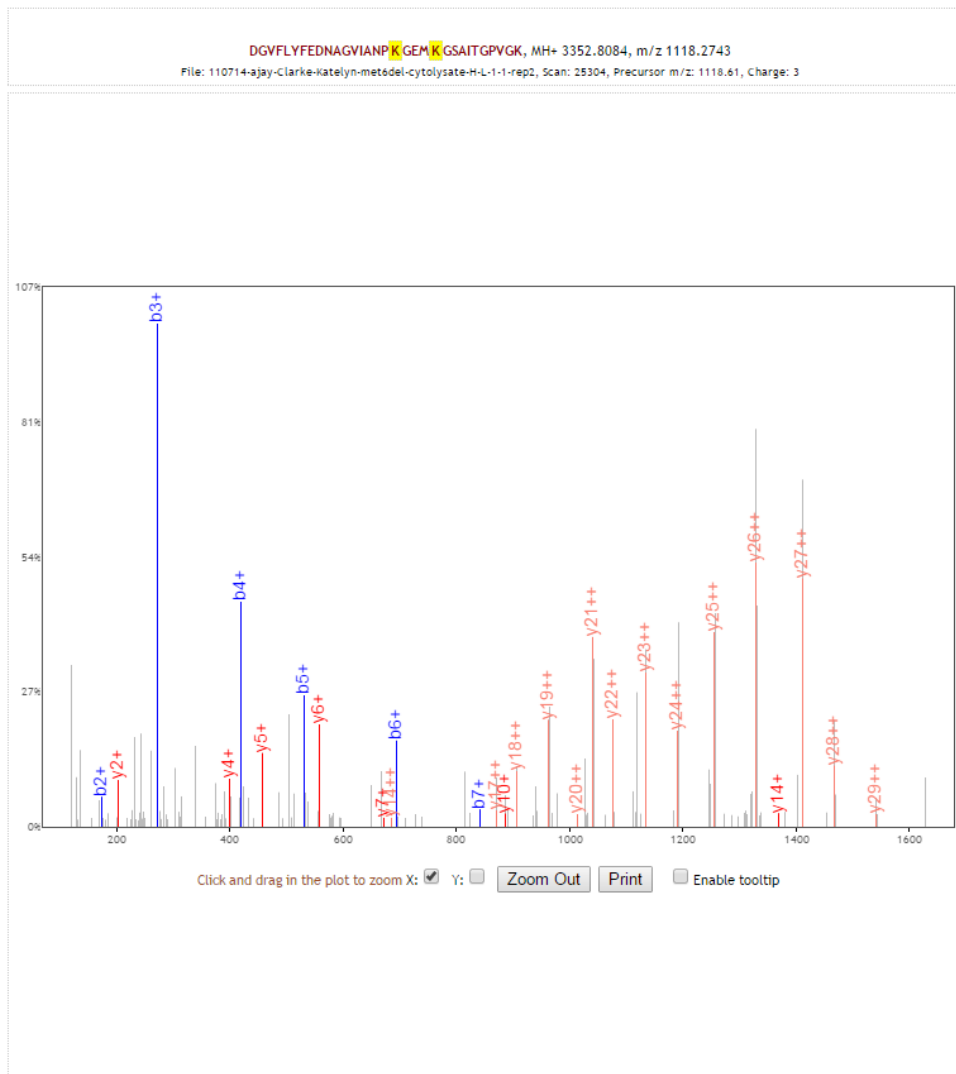


b+	b2+	#	Seq #	y+	y2+
116.0342	58.5207	1	D 32		
173.0557	87.0315	2	G 31	3222.6869	1611.8471
272.1241	136.5657	3	V 30	3165.6655	1583.3364
419.1925	210.0999	4	F 29	3066.5971	1533.8022
532.2766	266.6419	5	L 28	2919.5287	1460.2680
695.3399	348.1736	6	Y 27	2806.4446	1403.7259
842.4083	421.7078	7	F 26	2643.3813	1322.1943
971.4509	486.2291	8	E 25	2496.3128	1248.6601
1086.4779	543.7426	9	D 24	2367.2703	1184.1388
1200.5208	600.7640	10	N 23	2252.2433	1126.6253
1271.5579	636.2826	11	A 22	2138.2004	1069.6038
1328.5794	664.7933	12	G 21	2067.1633	1034.0853
1427.6478	714.3275	13	V 20	2010.1418	1005.5743
1540.7318	770.8696	14	I 19	1911.0734	956.0403
1611.7690	806.3881	15	A 18	1797.9893	899.4983
1725.8119	863.4096	16	N 17	1726.9522	863.9797
1822.8646	911.9360	17	P 16	1612.9093	806.9583
1978.9910	989.9991	18	K 15	1515.8565	758.4319
2036.0125	1018.5099	19	G 14	1359.7302	680.3687
2165.0551	1083.0312	20	E 13	1302.7087	651.8580
2296.0955	1148.5514	21	M 12	1173.6661	587.3367
2452.2219	1226.6146	22	K 11	1042.6256	521.8164
2509.2434	1255.1253	23	G 10	886.4993	443.7533
2596.2754	1298.6413	24	S 9	829.4778	415.2425
2667.3125	1334.1599	25	A 8	742.4458	371.7265
2780.3966	1390.7019	26	I 7	671.4087	336.2080
2881.4443	1441.2258	27	T 6	558.3246	279.6659
2938.4657	1469.7365	28	G 5	457.2769	229.1421
3035.5185	1518.2629	29	P 4	400.2554	200.6314
3134.5869	1567.7971	30	V 3	303.2027	152.1050
3191.6084	1596.3078	31	G 2	204.1343	102.5708
		32	K 1	147.1128	74.0600

[\[Click\]](#) to move table  
Static Modifications:  
C: 57.02146  
Variable Modifications:  
K: 28.0314

# RPL23B

R.DGVFLYFEDNAGVIANPdi**K**GEMdi**K**GSAITGPVGK.E [88, 119]  
(missed 2)



b+	b2+	#	Seq	#	y+	y2+
116.0342	58.5207	1	D	32		
173.0557	87.0315	2	G	31	3237.7814	1619.3944
272.1241	136.5657	3	V	30	3180.7600	1590.8836
419.1925	210.0999	4	F	29	3081.6916	1541.3494
532.2766	266.6419	5	L	28	2934.6232	1467.8152
695.3399	348.1736	6	Y	27	2821.5391	1411.2732
842.4083	421.7078	7	F	26	2658.4758	1329.7415
971.4509	486.2291	8	E	25	2511.4073	1256.2073
1086.4779	543.7426	9	D	24	2382.3648	1191.6860
1200.5208	600.7640	10	N	23	2267.3378	1134.1725
1271.5579	636.2826	11	A	22	2153.2949	1077.1511
1328.5794	664.7933	12	G	21	2082.2578	1041.6325
1427.6478	714.3275	13	V	20	2025.2363	1013.1218
1540.7318	770.8696	14	I	19	1926.1679	963.5876
1611.7690	806.3881	15	A	18	1813.0838	907.0456
1725.8119	863.4096	16	N	17	1742.0467	871.5270
1822.8646	911.9360	17	P	16	1628.0038	814.5055
1985.0288	993.0180	18	K	15	1530.9510	765.9792
2042.0503	1021.5288	19	G	14	1368.7869	684.8971
2171.0929	1086.0501	20	E	13	1311.7654	656.3863
2305.1522	1153.0798	21	M	12	1182.7228	591.8650
2467.3164	1234.1618	22	K	11	1048.6634	524.8353
2524.3379	1262.6726	23	G	10	886.4993	443.7533
2611.3699	1306.1886	24	S	9	829.4778	415.2425
2682.4070	1341.7071	25	A	8	742.4458	371.7265
2795.4911	1398.2492	26	I	7	671.4087	336.2080
2896.5388	1448.7730	27	T	6	558.3246	279.6659
2953.5602	1477.2837	28	G	5	457.2769	229.1421
3050.6130	1525.8101	29	P	4	400.2554	200.6314
3149.6814	1575.3443	30	V	3	303.2027	152.1050
3206.7029	1603.8551	31	G	2	204.1343	102.5708
		32	K	1	147.1128	74.0600

[\[Click\]](#) to move table

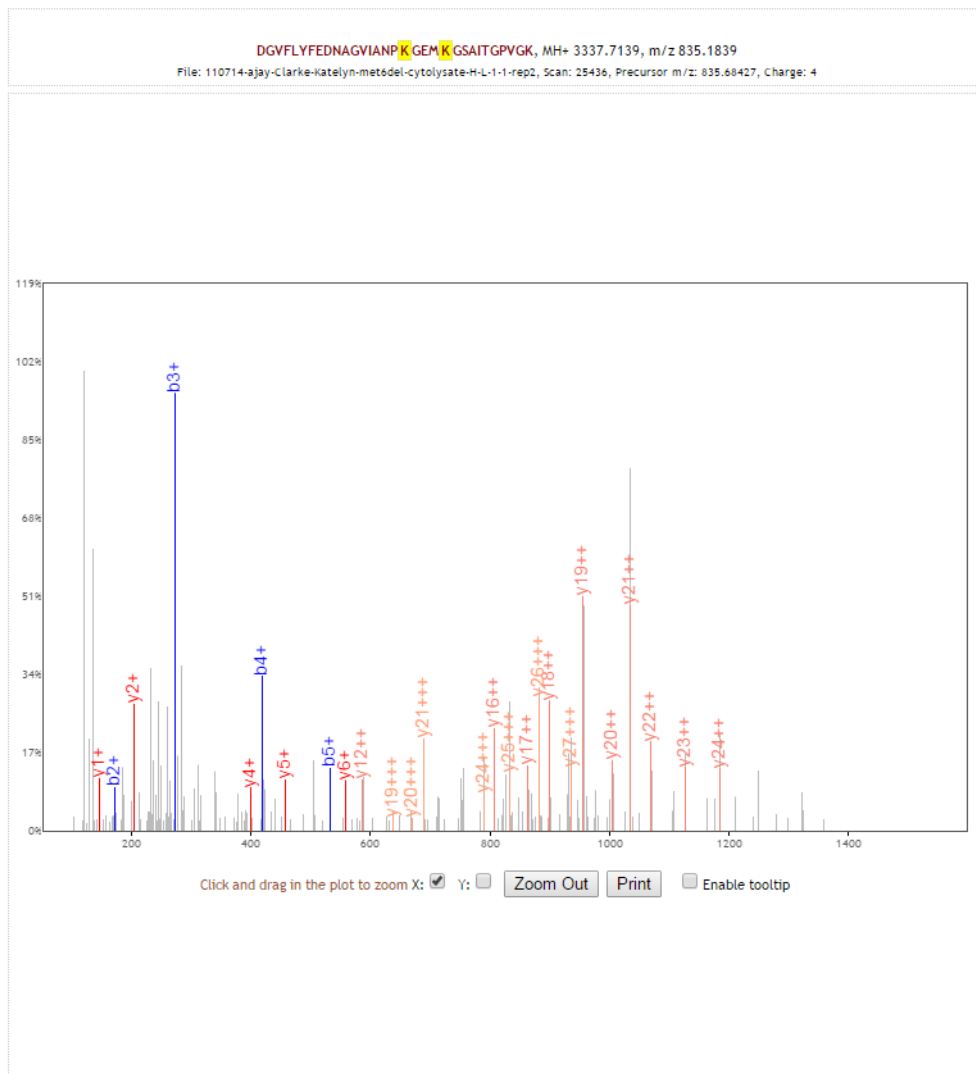
Static Modifications:  
C: 57.02146  
M: 3.0189

Variable Modifications:  
K: 34.0692

# RPL23B

R.DGVFLYFEDNAGVIANPdi**K**GEMdi**K**GSAITGPVGK.E [88, 119]

(missed 2)



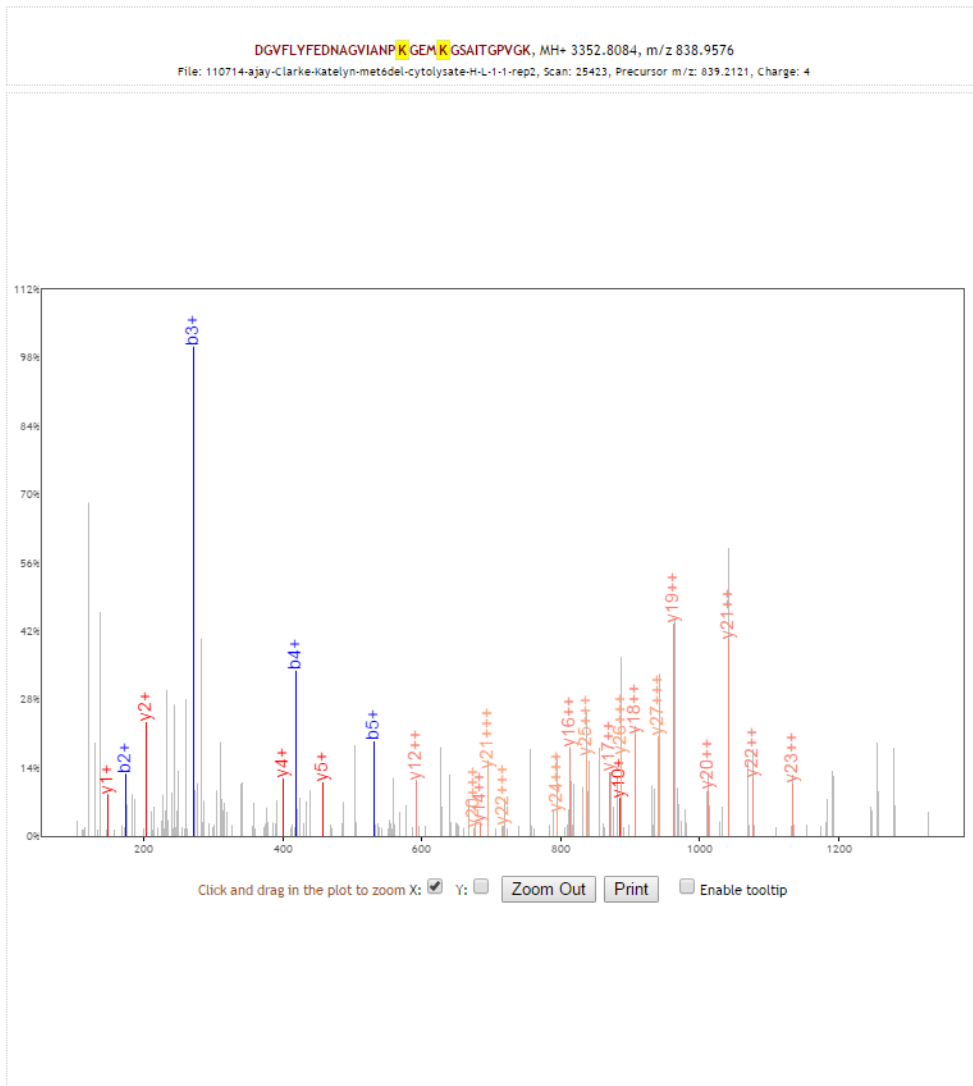
b+	b2+	b3+	#	Seq #	y+	y2+	y3+
116.0342	58.5207	39.3496	1	D 32			
<b>173.0557</b>	87.0315	58.3567	2	G 31	3222.6869	1611.8471	1074.9005
<b>272.1241</b>	136.5657	91.3795	3	V 30	3165.6655	1583.3364	1055.8933
<b>419.1925</b>	210.0999	140.4024	4	F 29	3066.5971	1533.8022	1022.8705
<b>532.2766</b>	266.6419	178.0970	5	L 28	2919.5287	1460.2680	973.8477
695.3399	348.1736	232.4515	6	Y 27	2806.4446	1403.7259	<b>936.1530</b>
842.4083	421.7078	281.4743	7	F 26	2643.3813	1322.1943	<b>881.7986</b>
971.4509	486.2291	324.4885	8	E 25	2496.3128	1248.6601	<b>832.7758</b>
1086.4779	543.7426	362.8308	9	D 24	2367.2703	<b>1184.1388</b>	<b>789.7616</b>
1200.5208	600.7640	400.8451	10	N 23	2252.2433	<b>1126.6253</b>	751.4193
1271.5579	636.2826	424.5241	11	A 22	2138.2004	<b>1069.6038</b>	713.4050
1328.5794	664.7933	443.5313	12	G 21	2067.1633	<b>1034.0853</b>	<b>689.7259</b>
1427.6478	714.3275	476.5541	13	V 20	2010.1418	<b>1005.5745</b>	<b>670.7188</b>
1540.7318	770.8696	514.2488	14	I 19	1911.0734	<b>956.0403</b>	<b>637.6960</b>
1611.7690	806.3881	537.9278	15	A 18	1797.9893	<b>899.4983</b>	600.0013
1725.8119	863.4096	575.9421	16	N 17	1726.9522	<b>863.9797</b>	576.3223
1822.8646	911.9360	608.2931	17	P 16	1612.9093	<b>806.9583</b>	538.3079
1978.9910	989.9991	660.3352	18	<b>K</b> 15	1515.8565	758.4319	505.9570
2036.0125	1018.5099	679.3423	19	G 14	1359.7302	680.3687	453.9149
2165.0551	1083.0312	722.3565	20	E 13	1302.7087	651.8580	434.9078
2296.0955	1148.5514	766.0367	21	M 12	1173.6661	<b>587.3367</b>	391.8936
2452.2219	1226.6146	818.0788	22	<b>K</b> 11	1042.6256	521.8164	348.2134
2509.2434	1255.1253	837.0860	23	G 10	886.4993	443.7533	296.1713
2596.2754	1298.6413	866.0967	24	S 9	829.4778	415.2425	277.1641
2667.3125	1334.1599	889.7757	25	A 8	742.4458	371.7265	248.1534
2780.3966	1390.7019	927.4704	26	I 7	671.4087	336.2080	224.4744
2881.4443	1441.2258	961.1529	27	T 6	<b>558.3246</b>	279.6659	186.7797
2938.4657	1469.7365	980.1601	28	G 5	<b>457.2769</b>	229.1421	153.0972
3035.5185	1518.2629	1012.5110	29	P 4	<b>400.2554</b>	200.6314	134.0900
3134.5869	1567.7971	1045.5338	30	V 3	303.2027	152.1050	101.7391
3191.6084	1596.3078	1064.5410	31	G 2	<b>204.1343</b>	102.5708	68.7163
			32	<b>K</b> 1	<b>147.1128</b>	74.0600	49.7091

[\[Click\]](#) to move table  
Static Modifications:  
C: 57.02146  
Variable Modifications:  
K: 28.0314

# RPL23B

R.DGVFLYFEDNAGVIANPdi**K**GEMdi**K**GSAITGPVGK.E [88, 119]

(missed 2)



b+	b2+	b3+	#	Seq #	y+	y2+	y3+
116.0342	58.5207	39.3496	1	D 32			
173.0557	87.0315	58.3567	2	G 31	3237.7814	1619.3944	1079.9320
272.1241	136.5657	91.3795	3	V 30	3180.7600	1590.8836	1060.9248
419.1925	210.0999	140.4024	4	F 29	3081.6916	1541.3494	1027.9020
532.2766	266.6419	178.0970	5	L 28	2934.6232	1467.8152	978.8792
695.3399	348.1736	232.4515	6	Y 27	2821.5391	1411.2732	941.1845
842.4083	421.7078	281.4743	7	F 26	2658.4758	1329.7415	886.8301
971.4509	486.2291	324.4885	8	E 25	2511.4073	1256.2073	837.8073
1086.4779	543.7426	362.8308	9	D 24	2382.3648	1191.6860	794.7931
1200.5208	600.7640	400.8451	10	N 23	2267.3378	1134.1725	756.4508
1271.5579	636.2826	424.5241	11	A 22	2153.2949	1077.1511	718.4365
1328.5794	664.7933	443.5313	12	G 21	2082.2578	1041.6325	694.7574
1427.6478	714.3275	476.5541	13	V 20	2025.2363	1013.1218	675.7503
1540.7318	770.8696	514.2488	14	I 19	1926.1679	963.5876	642.7275
1611.7690	806.3881	537.9278	15	A 18	1813.0838	907.0456	605.0328
1725.8119	863.4096	575.9421	16	N 17	1742.0467	871.5270	581.3538
1822.8646	911.9360	608.2931	17	P 16	1628.0038	814.5055	543.3394
1985.0288	993.0180	662.3478	18	K 15	1530.9510	765.9792	510.9885
2042.0503	1021.5288	681.3549	19	G 14	1368.7869	684.8971	456.9338
2171.0929	1086.0501	724.3691	20	E 13	1311.7654	656.3863	437.9267
2305.1522	1153.0798	769.0556	21	M 12	1182.7228	591.8650	394.9125
2467.3164	1234.1618	823.1103	22	K 11	1048.6634	524.8353	350.2260
2524.3379	1262.6726	842.1175	23	G 10	886.4993	443.7533	296.1713
2611.3699	1306.1886	871.1282	24	S 9	829.4778	415.2425	277.1641
2682.4070	1341.7071	894.8072	25	A 8	742.4458	371.7265	248.1534
2795.4911	1398.2492	932.5019	26	I 7	671.4087	336.2080	224.4744
2896.5388	1448.7730	966.1844	27	T 6	558.3246	279.6659	186.7797
2953.5602	1477.2837	985.1916	28	G 5	457.2769	229.1421	153.0972
3050.6130	1525.8101	1017.5425	29	P 4	400.2554	200.6314	134.0900
3149.6814	1575.3443	1050.5653	30	V 3	303.2027	152.1050	101.7391
3206.7029	1603.8551	1069.5725	31	G 2	204.1343	102.5708	68.7163
			32	K 1	147.1128	74.0600	49.7091

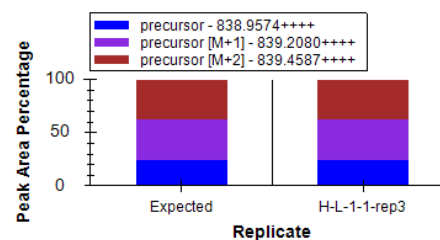
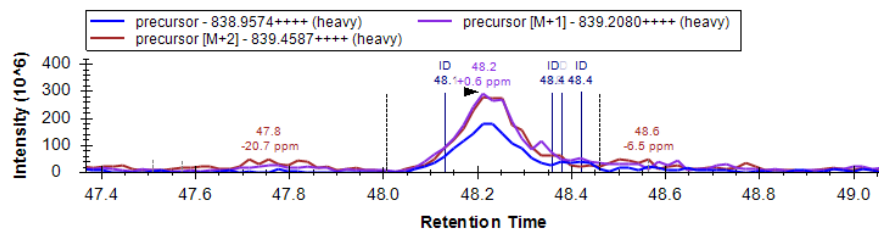
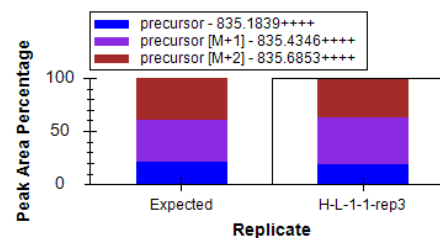
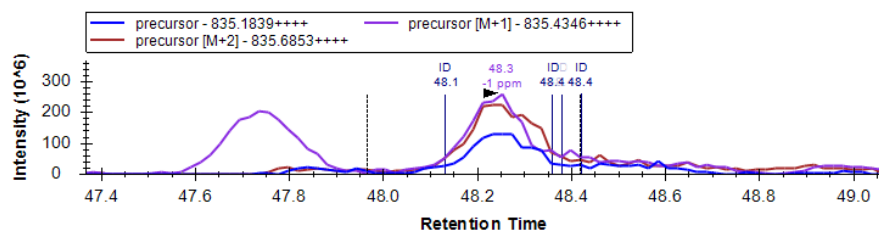
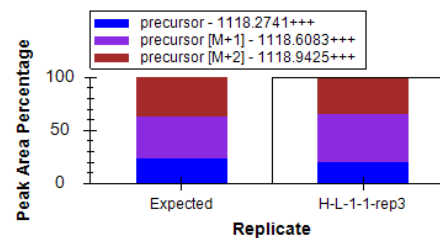
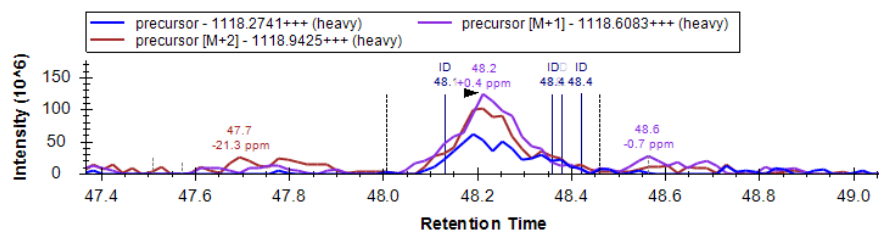
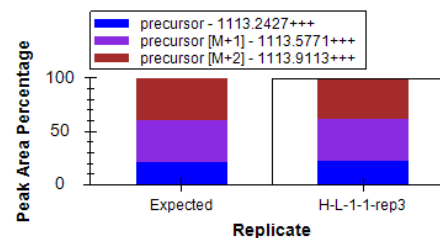
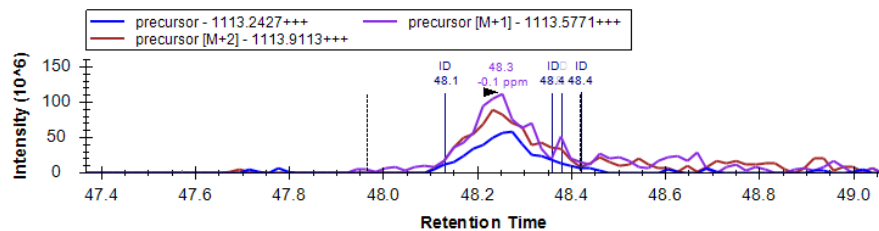
[\[Click\]](#) to move table  
 Static Modifications:  
 C: 57.02146  
 M: 3.0189  
 Variable Modifications:  
 K: 34.0692

Replicate 2

# RPL23B

R.DGVFLYFEDNAGVIANPdi**KGEM**di**KGSAITGPV**GK.E [88, 119]

(missed 2)

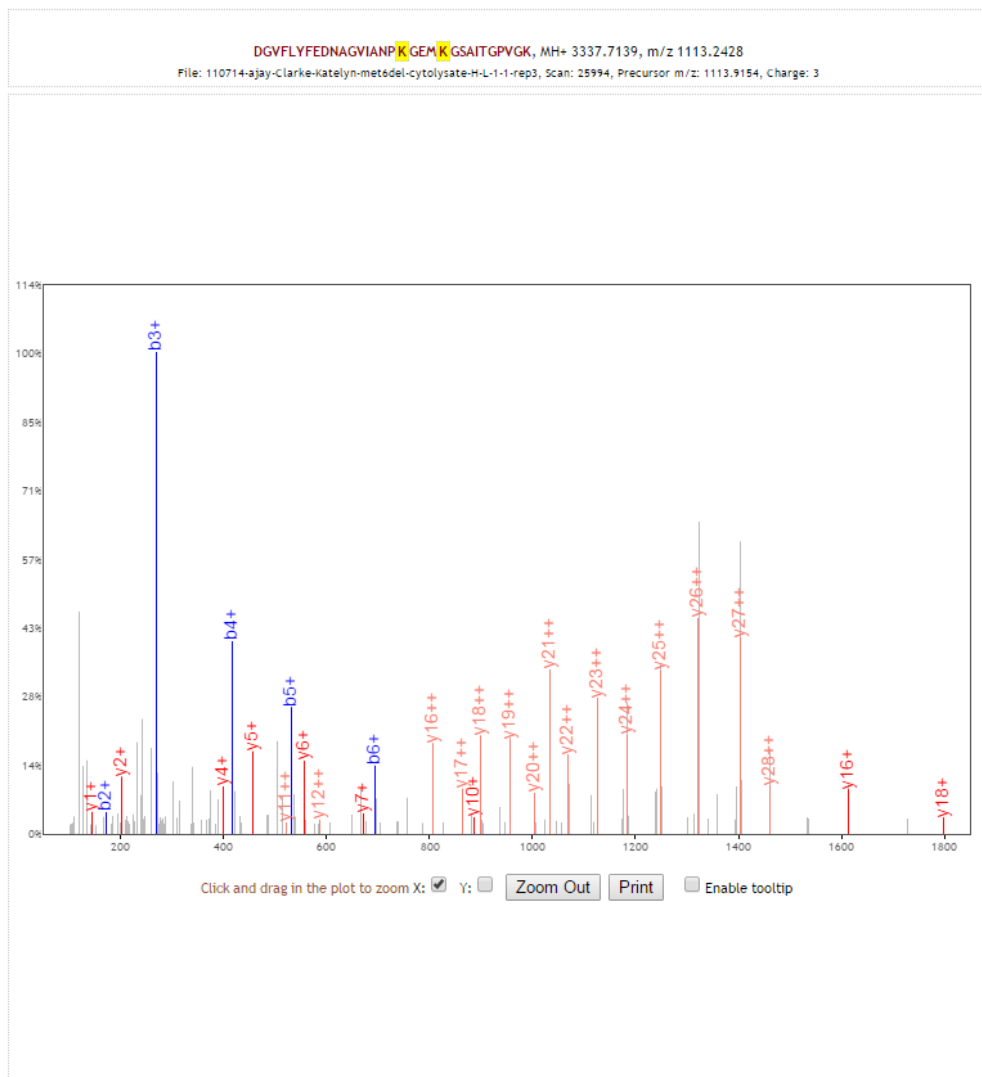


Replicate 3



# RPL23B

R.DGVFLYFEDNAGVIANPdi**K**GEMdi**K**GSAITGPVGK.E [88, 119]  
(missed 2)

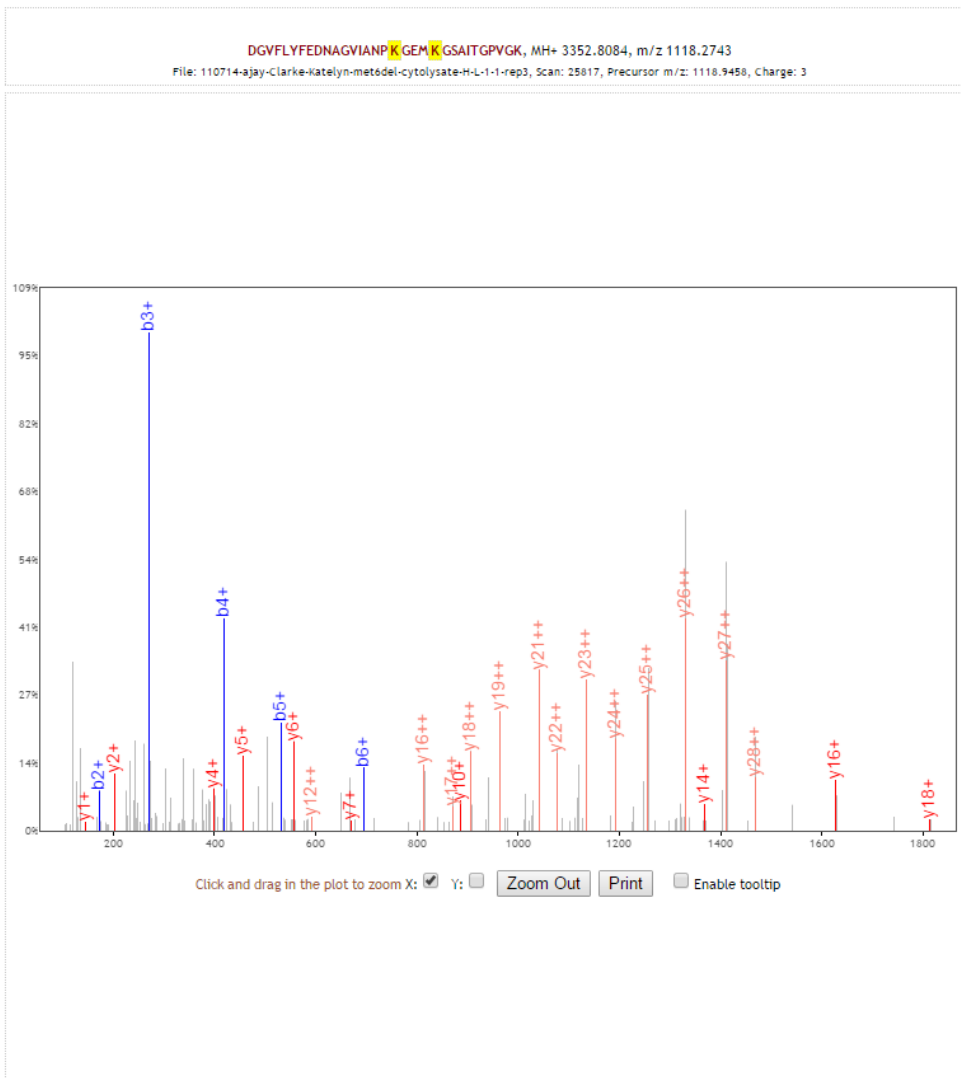


b+	b2+	#	Seq #	y+	y2+
116.0342	58.5207	1	D 32		
173.0557	87.0315	2	G 31	3222.6869	1611.8471
272.1241	136.5657	3	V 30	3165.6655	1583.3364
419.1925	210.0999	4	F 29	3066.5971	1533.8022
532.2766	266.6419	5	L 28	2919.5287	1460.2680
695.3399	348.1736	6	Y 27	2806.4446	1403.7259
842.4083	421.7078	7	F 26	2643.3813	1322.1943
971.4509	486.2291	8	E 25	2496.3128	1248.6601
1086.4779	543.7426	9	D 24	2367.2703	1184.1388
1200.5208	600.7640	10	N 23	2252.2433	1126.6253
1271.5579	636.2826	11	A 22	2138.2004	1069.6038
1328.5794	664.7933	12	G 21	2067.1633	1034.0853
1427.6478	714.3275	13	V 20	2010.1418	1005.5745
1540.7318	770.8696	14	I 19	1911.0734	956.0403
1611.7690	806.3881	15	A 18	1797.9893	899.4983
1725.8119	863.4096	16	N 17	1726.9522	863.9797
1822.8646	911.9360	17	P 16	1612.9093	806.9583
1978.9910	989.9991	18	K 15	1515.8565	758.4319
2036.0125	1018.5099	19	G 14	1359.7302	680.3687
2165.0551	1083.0312	20	E 13	1302.7087	651.8580
2296.0955	1148.5514	21	M 12	1173.6661	587.3367
2452.2219	1226.6146	22	K 11	1042.6256	521.8164
2509.2434	1255.1253	23	G 10	886.4993	443.7533
2596.2754	1298.6413	24	S 9	829.4778	415.2425
2667.3125	1334.1599	25	A 8	742.4458	371.7265
2780.3966	1390.7019	26	I 7	671.4087	336.2080
2881.4443	1441.2258	27	T 6	558.3246	279.6659
2938.4657	1469.7365	28	G 5	457.2769	229.1421
3035.5185	1518.2629	29	P 4	400.2554	200.6314
3134.5869	1567.7971	30	V 3	303.2027	152.1050
3191.6084	1596.3078	31	G 2	204.1343	102.5708
		32	K 1	147.1128	74.0600

[\[Click\]](#) to move table  
Static Modifications:  
C: 57.02146  
Variable Modifications:  
K: 28.0314

# RPL23B

R.DGVFLYFEDNAGVIANPdi**K**GEMdi**K**GSAITGPVGK.E [88, 119]  
(missed 2)

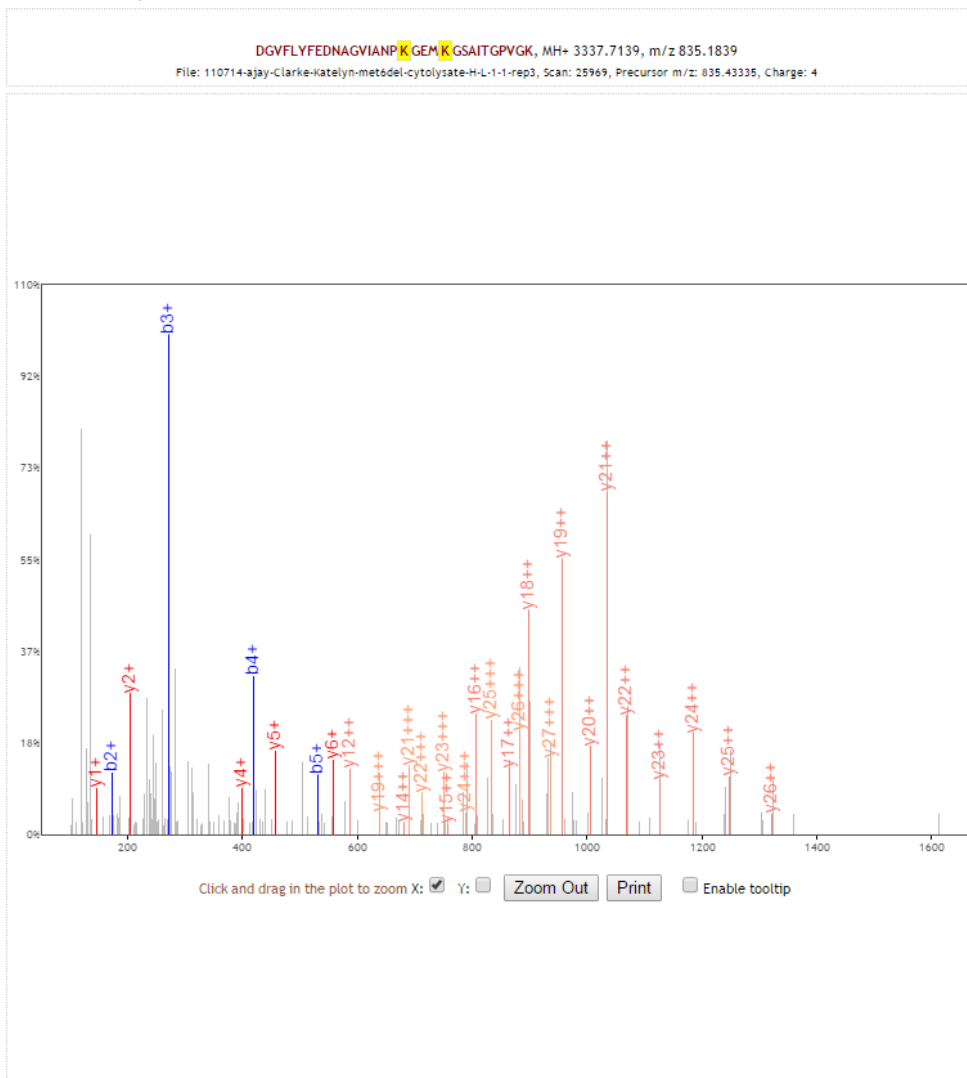


b+	b2+	#	Seq	#	y+	y2+
116.0342	58.5207	1	D	32		
173.0557	87.0315	2	G	31	3237.7814	1619.3944
272.1241	136.5657	3	V	30	3180.7600	1590.8836
419.1925	210.0999	4	F	29	3081.6916	1541.3494
532.2766	266.6419	5	L	28	2934.6232	1467.8152
695.3399	348.1736	6	Y	27	2821.5391	1411.2732
842.4083	421.7078	7	F	26	2658.4758	1329.7415
971.4509	486.2291	8	E	25	2511.4073	1256.2073
1086.4779	543.7426	9	D	24	2382.3648	1191.6860
1200.5208	600.7640	10	N	23	2267.3378	1134.1725
1271.5579	636.2826	11	A	22	2153.2949	1077.1511
1328.5794	664.7933	12	G	21	2082.2578	1041.6325
1427.6478	714.3275	13	V	20	2025.2363	1013.1218
1540.7318	770.8696	14	I	19	1926.1679	963.5876
1611.7690	806.3881	15	A	18	1813.0838	907.0456
1725.8119	863.4096	16	N	17	1742.0467	871.5270
1822.8646	911.9360	17	P	16	1628.0038	814.5055
1985.0288	993.0180	18	K	15	1530.9510	765.9792
2042.0503	1021.5288	19	G	14	1368.7869	684.8971
2171.0929	1086.0501	20	E	13	1311.7654	656.3863
2305.1522	1153.0798	21	M	12	1182.7228	591.8650
2467.3164	1234.1618	22	K	11	1048.6634	524.8353
2524.3379	1262.6726	23	G	10	886.4993	443.7533
2611.3699	1306.1886	24	S	9	829.4778	415.2425
2682.4070	1341.7071	25	A	8	742.4458	371.7265
2795.4911	1398.2492	26	I	7	671.4087	336.2080
2896.5388	1448.7730	27	T	6	558.3246	279.6659
2953.5602	1477.2837	28	G	5	457.2769	229.1421
3050.6130	1525.8101	29	P	4	400.2554	200.6314
3149.6814	1575.3443	30	V	3	303.2027	152.1050
3206.7029	1603.8551	31	G	2	204.1343	102.5708
		32	K	1	147.1128	74.0600

[\[Click\]](#) to move table  
Static Modifications:  
C: 57.02146  
M: 3.0189  
Variable Modifications:  
K: 34.0692

# RPL23B

R.DGVFLYFEDNAGVIANPdi**K**GEMdi**K**GSAITGPVGK.E [88, 119]  
(missed 2)

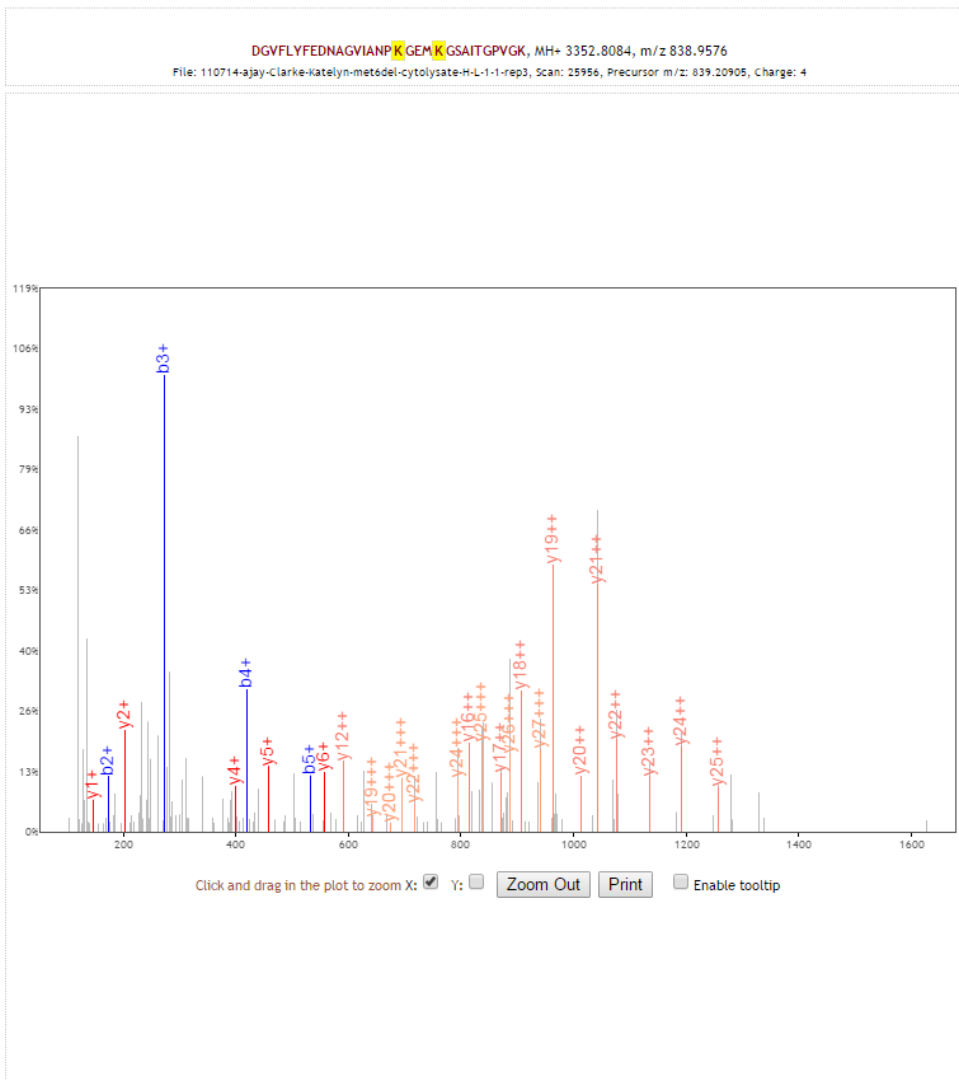


b+	b2+	b3+	#	Seq #	y+	y2+	y3+
116.0342	58.5207	39.3496	1	D 32			
<b>173.0557</b>	87.0315	58.3567	2	G 31	3222.6869	1611.8471	1074.9005
<b>272.1241</b>	136.5657	91.3795	3	V 30	3165.6655	1583.3364	1055.8933
<b>419.1925</b>	210.0999	140.4024	4	F 29	3066.5971	1533.8022	1022.8705
<b>532.2766</b>	266.6419	178.0970	5	L 28	2919.5287	1460.2680	973.8477
695.3399	348.1736	232.4515	6	Y 27	2806.4446	1403.7259	936.1530
842.4083	421.7078	281.4743	7	F 26	2643.3813	1322.1943	881.7986
971.4509	486.2291	324.4885	8	E 25	2496.3128	1248.6601	832.7758
1086.4779	543.7426	362.8308	9	D 24	2367.2703	1184.1388	789.7616
1200.5208	600.7640	400.8451	10	N 23	2252.2433	1126.6253	751.4193
1271.5579	636.2826	424.5241	11	A 22	2138.2004	1069.6038	713.4050
1328.5794	664.7933	443.5313	12	G 21	2067.1633	1034.0853	689.7259
1427.6478	714.3275	476.5541	13	V 20	2010.1418	1005.5745	670.7188
1540.7318	770.8696	514.2488	14	I 19	1911.0734	956.0403	637.6960
1611.7690	806.3881	537.9278	15	A 18	1797.9893	899.4983	600.0013
1725.8119	863.4096	575.9421	16	N 17	1726.9522	863.9797	576.3223
1822.8646	911.9360	608.2931	17	P 16	1612.9093	806.9583	538.3079
1978.9910	989.9991	660.3352	18	<b>K</b> 15	1515.8565	758.4319	505.9570
2036.0125	1018.5099	679.3423	19	G 14	1359.7302	680.3687	453.9149
2165.0551	1083.0312	722.3565	20	E 13	1302.7087	651.8580	434.9078
2296.0955	1148.5514	766.0367	21	M 12	1173.6661	587.3367	391.8936
2452.2219	1226.6146	818.0788	22	<b>K</b> 11	1042.6256	521.8164	348.2134
2509.2434	1255.1253	837.0860	23	G 10	886.4993	443.7533	296.1713
2596.2754	1298.6413	866.0967	24	S 9	829.4778	415.2425	277.1641
2667.3125	1334.1599	889.7757	25	A 8	742.4458	371.7265	248.1534
2780.3966	1390.7019	927.4704	26	I 7	671.4087	336.2080	224.4744
2881.4443	1441.2258	961.1529	27	T 6	<b>558.3246</b>	279.6659	186.7797
2938.4657	1469.7365	980.1601	28	G 5	<b>457.2769</b>	229.1421	153.0972
3035.5185	1518.2629	1012.5110	29	P 4	<b>400.2554</b>	200.6314	134.0900
3134.5869	1567.7971	1045.5338	30	V 3	303.2027	152.1050	101.7391
3191.6084	1596.3078	1064.5410	31	G 2	<b>204.1343</b>	102.5708	68.7163
			32	<b>K</b> 1	<b>147.1128</b>	74.0600	49.7091

[\[click\]](#) to move table  
Static Modifications:  
C: 57.02146  
Variable Modifications:  
K: 28.0314

# RPL23B

R.DGVFLYFEDNAGVIANPdi**K**GEMdi**K**GSAITGPVGK.E [88, 119]  
(missed 2)

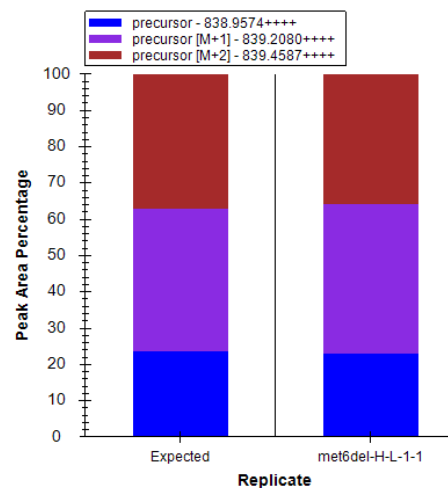
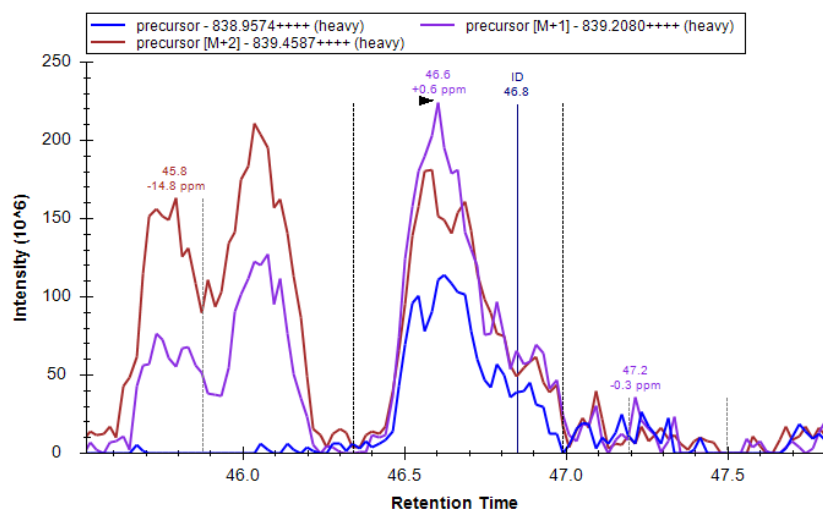
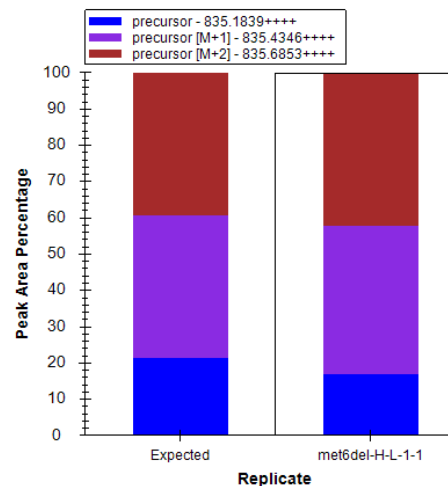
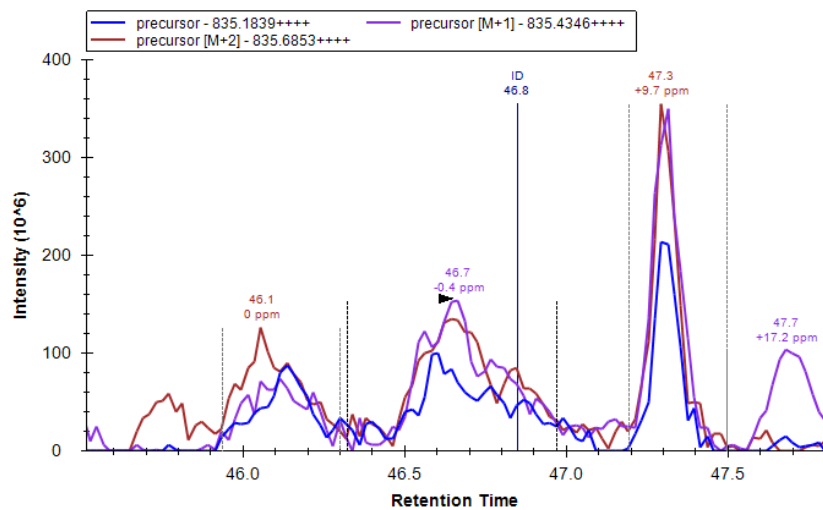


b+	b2+	b3+	#	Seq #	y+	y2+	y3+
116.0342	58.5207	39.3496	1	D 32			
173.0557	87.0315	58.3567	2	G 31	3237.7814	1619.3944	1079.9320
272.1241	136.5657	91.3795	3	V 30	3180.7600	1590.8836	1060.9248
419.1925	210.0999	140.4024	4	F 29	3081.6916	1541.3494	1027.9020
532.2766	266.6419	178.0970	5	L 28	2934.6232	1467.8152	978.8792
695.3399	348.1736	232.4515	6	Y 27	2821.5391	1411.2732	941.1845
842.4083	421.7078	281.4743	7	F 26	2658.4758	1329.7415	886.8301
971.4509	486.2291	324.4885	8	E 25	2511.4073	1256.2073	837.8073
1086.4779	543.7426	362.8308	9	D 24	2382.3648	1191.6860	794.7931
1200.5208	600.7640	400.8451	10	N 23	2267.3378	1134.1725	756.4508
1271.5579	636.2826	424.5241	11	A 22	2153.2949	1077.1511	718.4365
1328.5794	664.7933	443.5313	12	G 21	2082.2578	1041.6325	694.7574
1427.6478	714.3275	476.5541	13	V 20	2025.2363	1013.1218	675.7503
1540.7318	770.8696	514.2488	14	I 19	1926.1679	963.5876	642.7275
1611.7690	806.3881	537.9278	15	A 18	1813.0838	907.0456	605.0328
1725.8119	863.4096	575.9421	16	N 17	1742.0467	871.5270	581.3538
1822.8646	911.9360	608.2931	17	P 16	1628.0038	814.5055	543.3394
1985.0288	993.0180	662.3478	18	K 15	1530.9510	765.9792	510.9885
2042.0503	1021.5288	681.3549	19	G 14	1368.7869	684.8971	456.9338
2171.0929	1086.0501	724.3691	20	E 13	1311.7654	656.3863	437.9267
2305.1522	1153.0798	769.0556	21	M 12	1182.7228	591.8650	394.9125
2467.3164	1234.1618	823.1103	22	K 11	1048.6634	524.8353	350.2260
2524.3379	1262.6726	842.1175	23	G 10	886.4993	443.7533	296.1713
2611.3699	1306.1886	871.1282	24	S 9	829.4778	415.2425	277.1641
2682.4070	1341.7071	894.8072	25	A 8	742.4458	371.7265	248.1534
2795.4911	1398.2492	932.5019	26	I 7	671.4087	336.2080	224.4744
2896.5388	1448.7730	966.1844	27	T 6	558.3246	279.6659	186.7797
2953.5602	1477.2837	985.1916	28	G 5	457.2769	229.1421	153.0972
3050.6130	1525.8101	1017.5425	29	P 4	400.2554	200.6314	134.0900
3149.6814	1575.3443	1050.5653	30	V 3	303.2027	152.1050	101.7391
3206.7029	1603.8551	1069.5725	31	G 2	204.1343	102.5708	68.7163
			32	K 1	147.1128	74.0600	49.7091

[\[click\]](#) to move table  
Static Modifications:  
C: 57.02146  
M: 3.0189  
Variable Modifications:  
K: 34.0692

# RPL23B

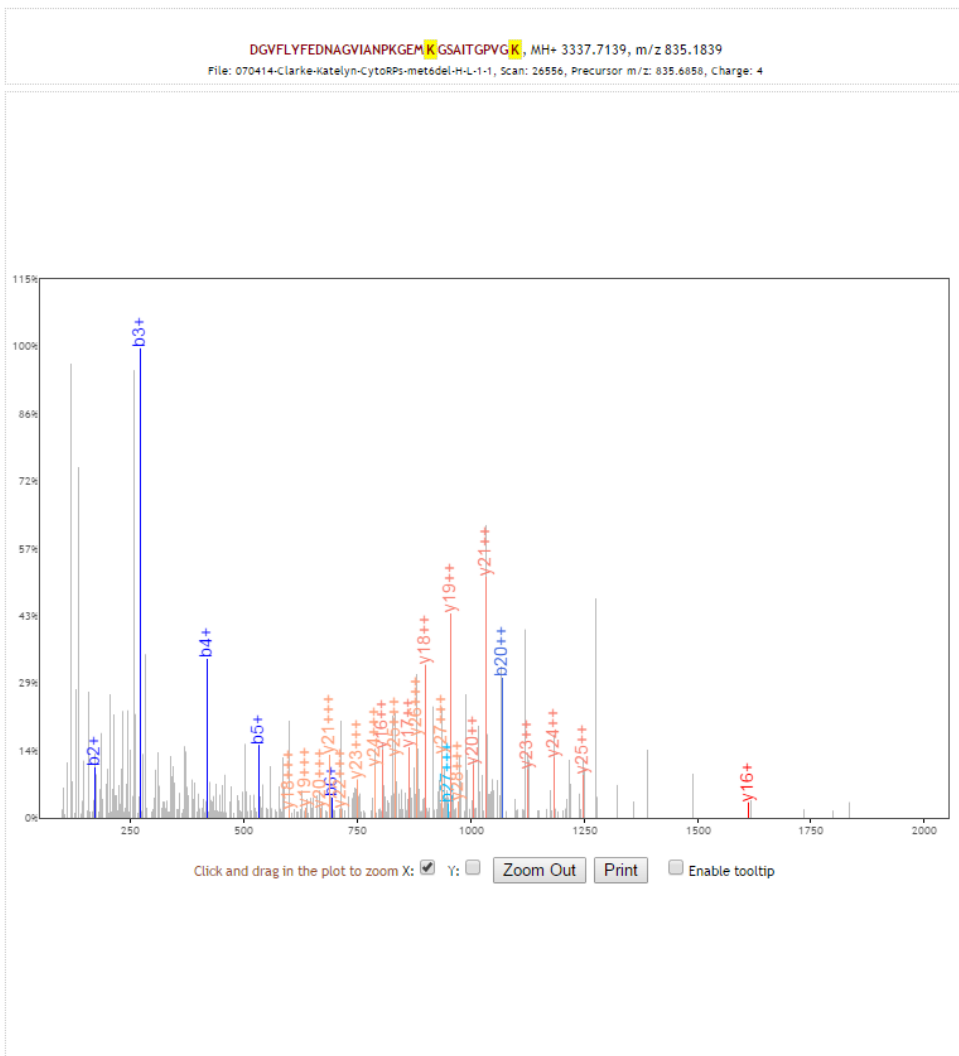
## R.DGVFLYFEDNAGVIANPKGEMdiKGSAITGPVGdiK.E [88, 119] (missed 2)



Replicate 1

# RPL23B

R.DGVFLYFEDNAGVIANPKGEMdiKGSAITGPVGdiK.E [88, 119]  
(missed 2)

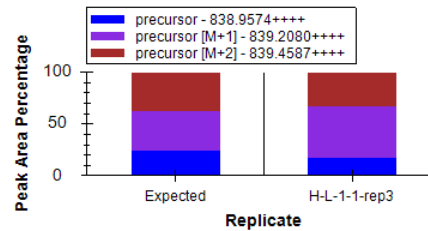
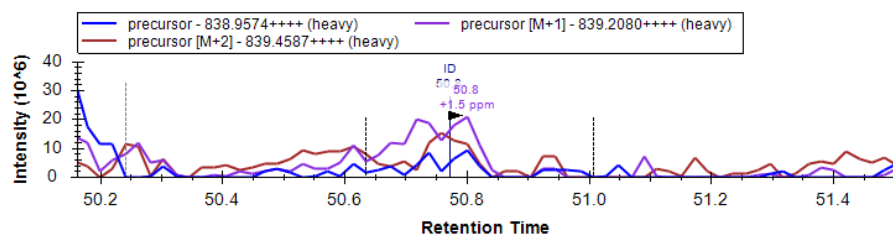
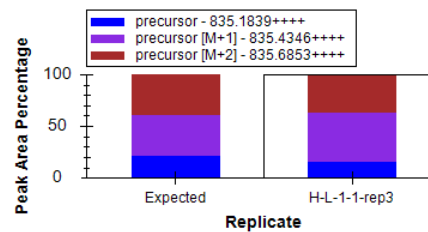
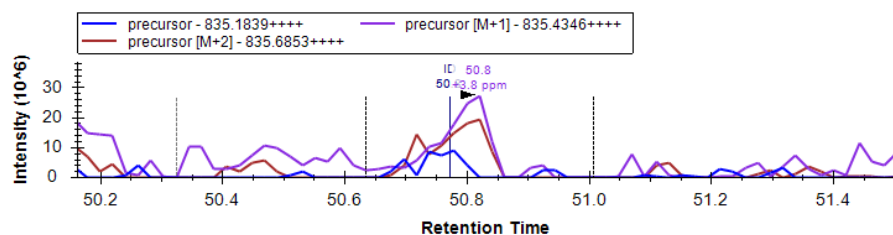
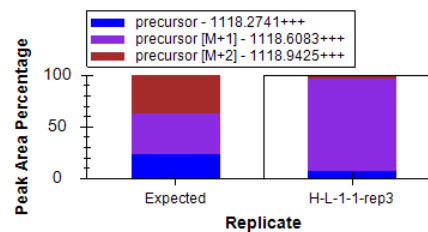
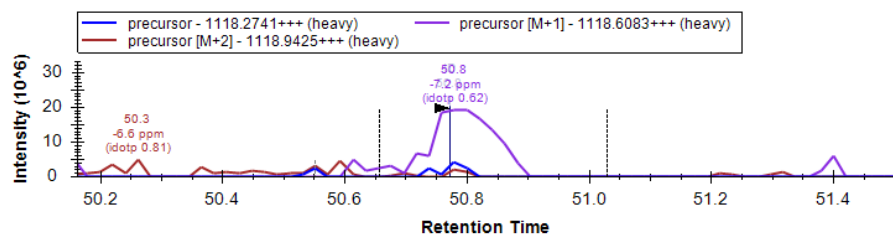
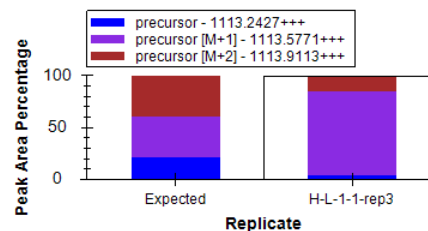
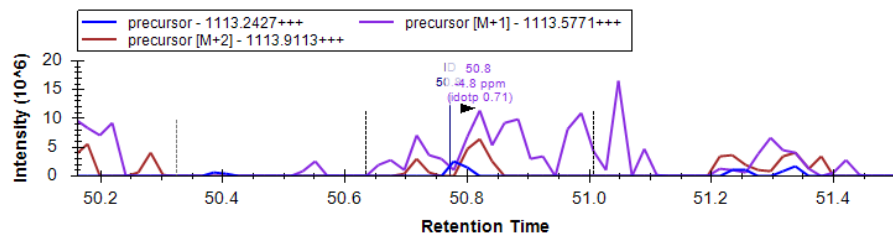


b+	b2+	b3+	#	Seq #	y+	y2+	y3+
116.0342	58.5207	39.3496	1	D 32			
173.0557	87.0315	58.3567	2	G 31	3222.6869	1611.8471	1074.9005
272.1241	136.5657	91.3795	3	V 30	3165.6655	1583.3364	1055.8933
419.1925	210.0999	140.4024	4	F 29	3066.5971	1533.8022	1022.8705
532.2766	266.6419	178.0970	5	L 28	2919.5287	1460.2680	973.8477
695.3399	348.1736	232.4515	6	Y 27	2806.4446	1403.7259	936.1530
842.4083	421.7078	281.4743	7	F 26	2643.3813	1322.1943	881.7986
971.4509	486.2291	324.4885	8	E 25	2496.3128	1248.6601	832.7758
1086.4779	543.7426	362.8308	9	D 24	2367.2703	1184.1388	789.7616
1200.5208	600.7640	400.8451	10	N 23	2252.2433	1126.6253	751.4193
1271.5579	636.2826	424.5241	11	A 22	2138.2004	1069.6038	713.4050
1328.5794	664.7933	443.5313	12	G 21	2067.1633	1034.0853	689.7259
1427.6478	714.3275	476.5541	13	V 20	2010.1418	1005.5745	670.7188
1540.7318	770.8696	514.2488	14	I 19	1911.0734	956.0403	637.6960
1611.7690	806.3881	537.9278	15	A 18	1797.9893	899.4983	600.0013
1725.8119	863.4096	575.9421	16	N 17	1726.9522	863.9797	576.3223
1822.8646	911.9360	608.2931	17	P 16	1612.9093	806.9583	538.3079
1950.9596	975.9834	650.9914	18	K 15	1515.8565	758.4319	505.9570
2007.9811	1004.4942	669.9985	19	G 14	1387.7616	694.3844	463.2587
2137.0237	1069.0155	713.0127	20	E 13	1330.7401	665.8737	444.2516
2268.0641	1134.5357	756.6929	21	M 12	1201.6975	601.3524	401.2374
2424.1905	1212.5989	808.7350	22	K 11	1070.6570	535.8321	357.5572
2481.2120	1241.1096	827.7422	23	G 10	914.5307	457.7690	305.5151
2568.2440	1284.6256	856.7529	24	S 9	857.5092	429.2582	286.5079
2639.2811	1320.1442	880.4319	25	A 8	770.4772	385.7422	257.4972
2752.3652	1376.6862	918.1266	26	I 7	699.4401	350.2237	233.8182
2853.4129	1427.2101	951.8091	27	T 6	586.3560	293.6816	196.1235
2910.4343	1455.7208	970.8163	28	G 5	485.3083	243.1578	162.4410
3007.4871	1504.2472	1003.1672	29	P 4	428.2868	214.6471	143.4338
3106.5555	1553.7814	1036.1900	30	V 3	331.2341	166.1207	111.0829
3163.5770	1582.2921	1055.1972	31	G 2	232.1657	116.5865	78.0601
			32	K 1	175.1442	88.0757	59.0529

[\[click\]](#) to move table  
Static Modifications:  
C: 57.02146  
Variable Modifications:  
K: 28.0314

# RPL23B

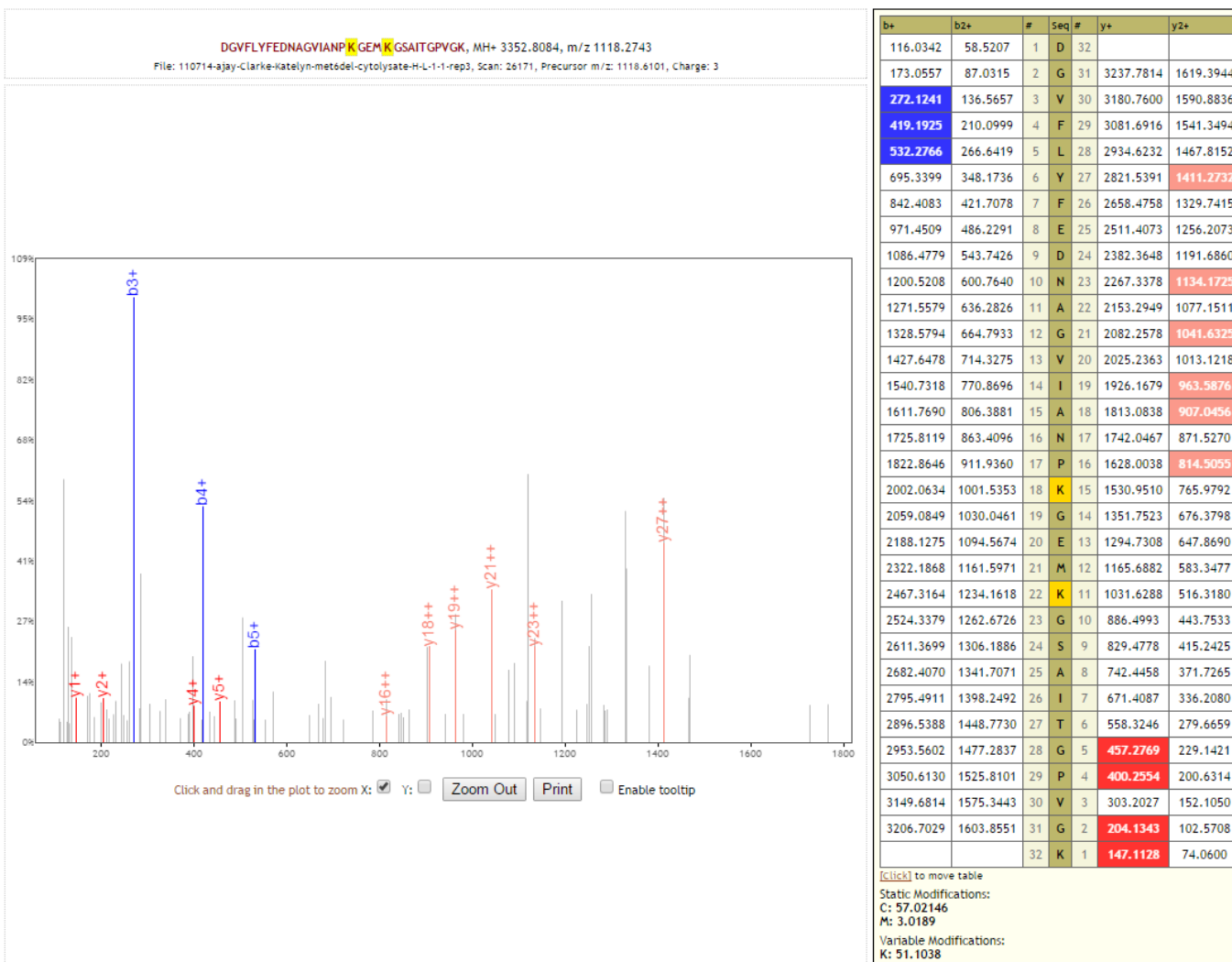
R.DGVFLYFEDNAGVIANPtri**K**GEMmono**K**GSAITGPVGK.E [88, 119] (missed 2)



Replicate 3

# RPL23B

## R.DGVFLYFEDNAGVIANPtri**K**GEMmono**K**GSAITGPVGK.E [88, 119] (missed 2)

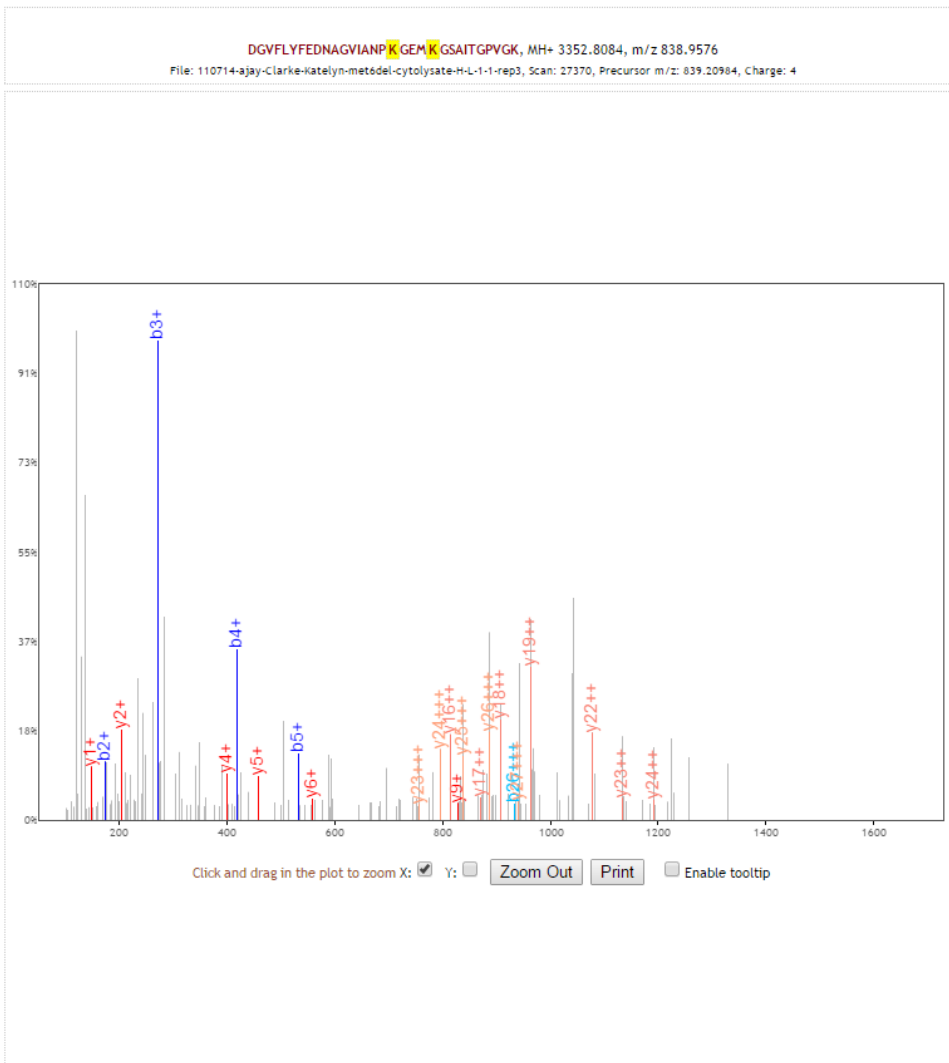


Replicate 3



# RPL23B

R.DGVFLYFEDNAGVIANPtri**K**GEMmono**K**GSAITGPVGK.E [88, 119] (missed 2)



b+	b2+	b3+	#	Seq	#	y+	y2+	y3+
116.0342	58.5207	39.3496	1	D	32			
<b>173.0557</b>	87.0315	58.3567	2	G	31	3237.7814	1619.3944	1079.9320
<b>272.1241</b>	136.5657	91.3795	3	V	30	3180.7600	1590.8836	1060.9248
<b>419.1925</b>	210.0999	140.4024	4	F	29	3081.6916	1541.3494	1027.9020
<b>532.2766</b>	266.6419	178.0970	5	L	28	2934.6232	1467.8152	978.8792
695.3399	348.1736	232.4515	6	Y	27	2821.5391	1411.2732	941.1845
842.4083	421.7078	281.4743	7	F	26	2658.4758	1329.7415	886.8301
971.4509	486.2291	324.4885	8	E	25	2511.4073	1256.2073	837.8073
1086.4779	543.7426	362.8308	9	D	24	2382.3648	<b>1191.6860</b>	<b>794.7931</b>
1200.5208	600.7640	400.8451	10	N	23	2267.3378	<b>1134.1725</b>	<b>756.4508</b>
1271.5579	636.2826	424.5241	11	A	22	2153.2949	<b>1077.1511</b>	718.4365
1328.5794	664.7933	443.5313	12	G	21	2082.2578	1041.6325	694.7574
1427.6478	714.3275	476.5541	13	V	20	2025.2363	1013.1218	675.7503
1540.7318	770.8696	514.2488	14	I	19	1926.1679	<b>963.5876</b>	642.7275
1611.7690	806.3881	537.9278	15	A	18	1813.0838	<b>907.0456</b>	605.0328
1725.8119	863.4096	575.9421	16	N	17	1742.0467	<b>871.5270</b>	581.3538
1822.8646	911.9360	608.2931	17	P	16	1628.0038	<b>814.5055</b>	543.3394
2002.0634	1001.5353	668.0260	18	<b>K</b>	15	1530.9510	765.9792	510.9885
2059.0849	1030.0461	687.0331	19	G	14	1351.7523	676.3798	451.2556
2188.1275	1094.5674	730.0473	20	E	13	1294.7308	647.8690	432.2485
2322.1868	1161.5971	774.7338	21	M	12	1165.6882	583.3477	389.2343
2467.3164	1234.1618	823.1103	22	<b>K</b>	11	1031.6288	516.3180	344.5478
2524.3379	1262.6726	842.1175	23	G	10	886.4993	443.7533	296.1713
2611.3699	1306.1886	871.1282	24	S	9	<b>829.4778</b>	415.2425	277.1641
2682.4070	1341.7071	894.8072	25	A	8	742.4458	371.7265	248.1534
2795.4911	1398.2492	<b>932.5019</b>	26	I	7	671.4087	336.2080	224.4744
2896.5388	1448.7730	966.1844	27	T	6	<b>558.3246</b>	279.6659	186.7797
2953.5602	1477.2837	985.1916	28	G	5	<b>457.2769</b>	229.1421	153.0972
3050.6130	1525.8101	1017.5425	29	P	4	<b>400.2554</b>	200.6314	134.0900
3149.6814	1575.3443	1050.5653	30	V	3	303.2027	152.1050	101.7391
3206.7029	1603.8551	1069.5725	31	G	2	<b>204.1343</b>	102.5708	68.7163
			32	<b>K</b>	1	<b>147.1128</b>	74.0600	49.7091

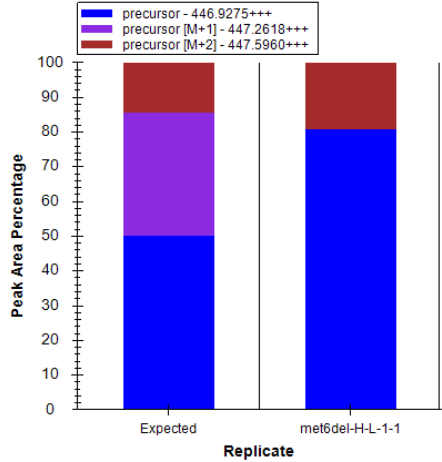
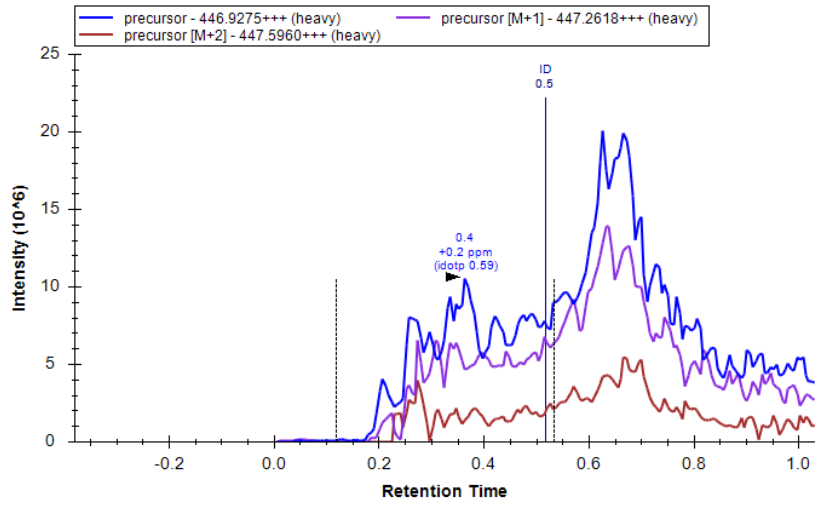
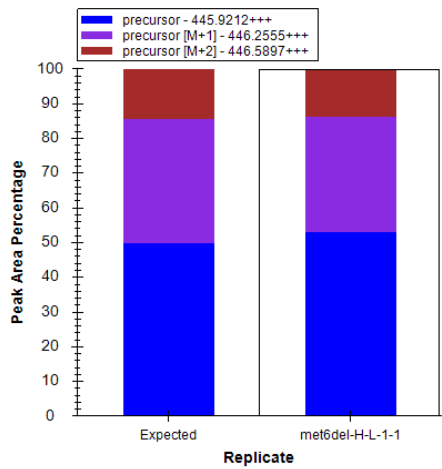
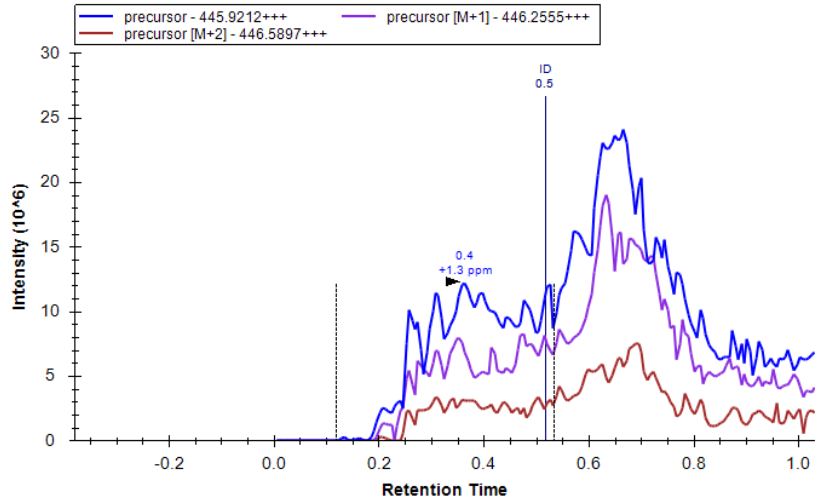
[\[click\]](#) to move table

Static Modifications:  
 C: 57.02146  
 M: 3.0189

Variable Modifications:  
 K: 51.1038

# Histone H3

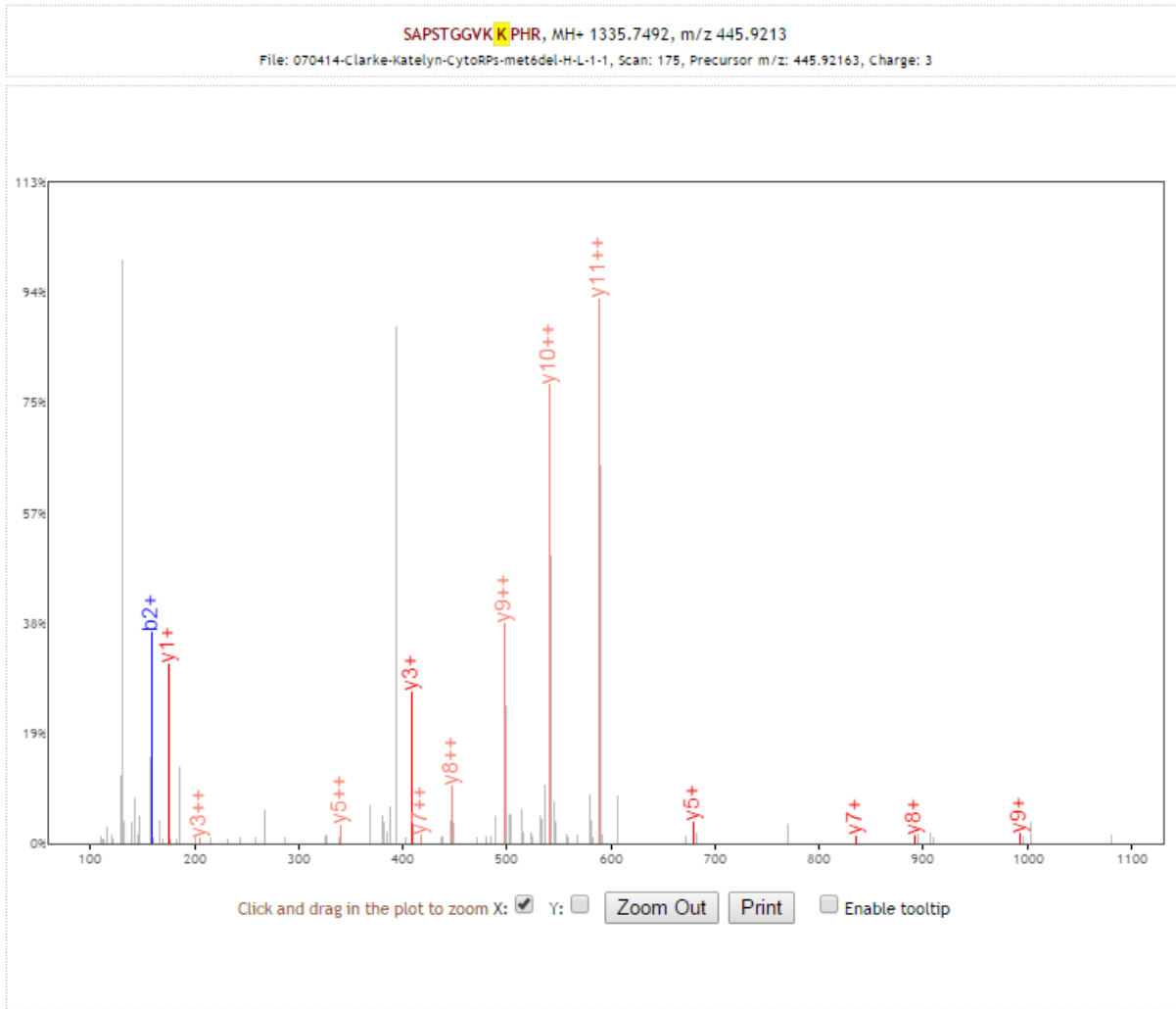
## K.SAPSTGGVKmono**K**PHR.Y [28, 40] (missed 1)



Replicate 1

# Histone H3

## K.SAPSTGGVKmono**K**PHR.Y [28, 40] (missed 1)



b+	b2+	#	Seq #	y+	y2+
88.0393	44.5233	1	S 13		
<b>159.0764</b>	80.0418	2	A 12	1248.7172	624.8622
256.1292	128.5682	3	P 11	1177.6801	<b>589.3437</b>
343.1612	172.0842	4	S 10	1080.6273	<b>540.8173</b>
444.2089	222.6081	5	T 9	<b>993.5953</b>	<b>497.3013</b>
501.2304	251.1188	6	G 8	<b>892.5476</b>	<b>446.7774</b>
558.2518	279.6295	7	G 7	<b>835.5261</b>	<b>418.2667</b>
657.3202	329.1638	8	V 6	778.5047	389.7560
785.4152	393.2112	9	K 5	<b>679.4363</b>	<b>340.2218</b>
927.5259	464.2666	10	<b>K</b> 4	551.3413	276.1743
1024.5786	512.7929	11	P 3	<b>409.2306</b>	<b>205.1190</b>
1161.6375	581.3224	12	H 2	312.1779	156.5926
		13	R 1	<b>175.1190</b>	88.0631

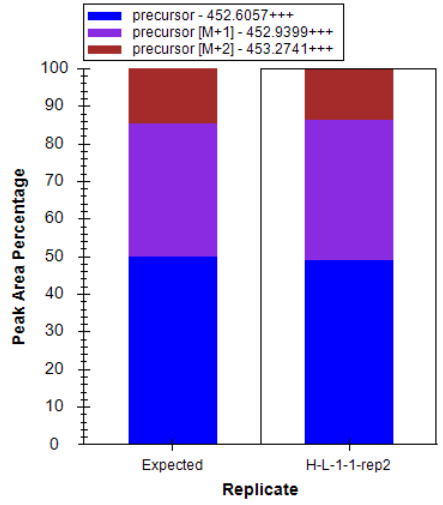
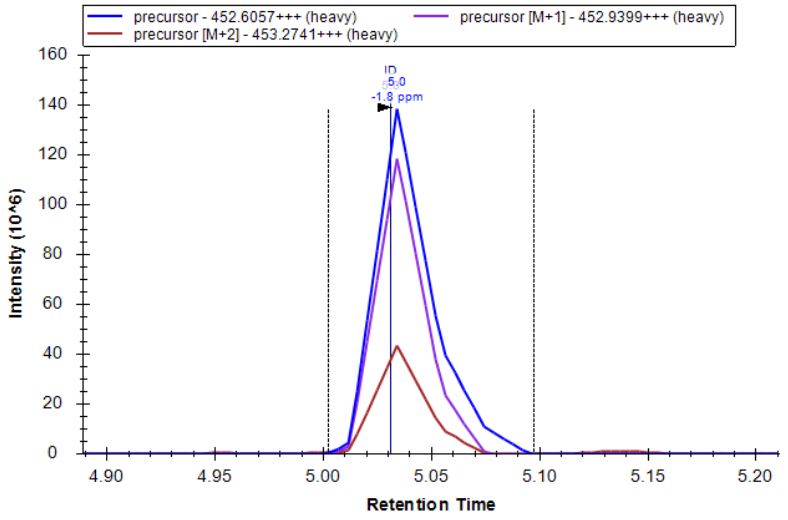
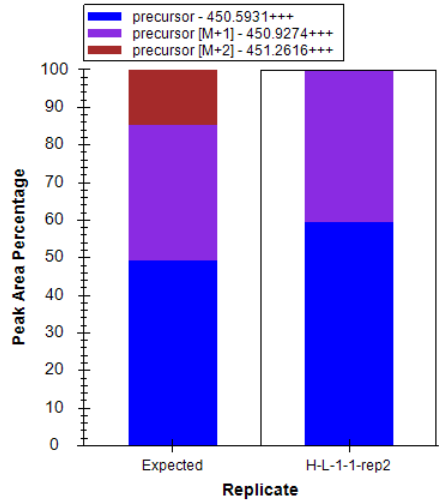
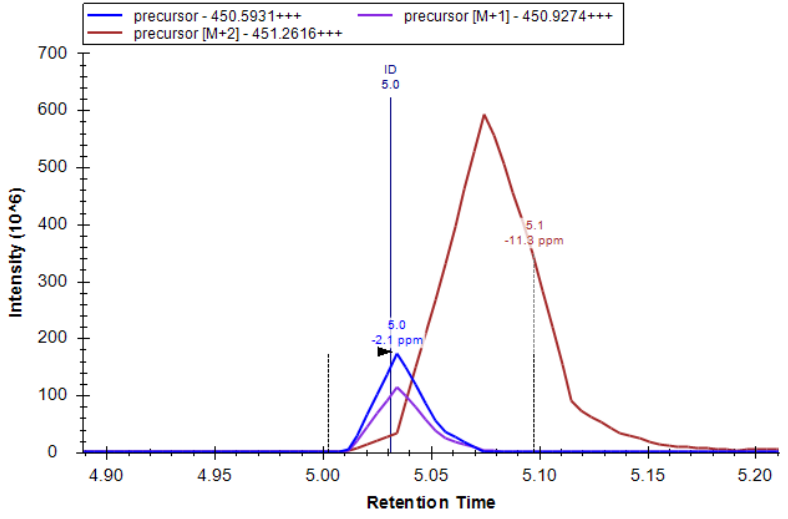
[\[Click\]](#) to move table

Static Modifications:  
 C: 57.02146

Variable Modifications:  
 K: 14.0157

# Histone H3

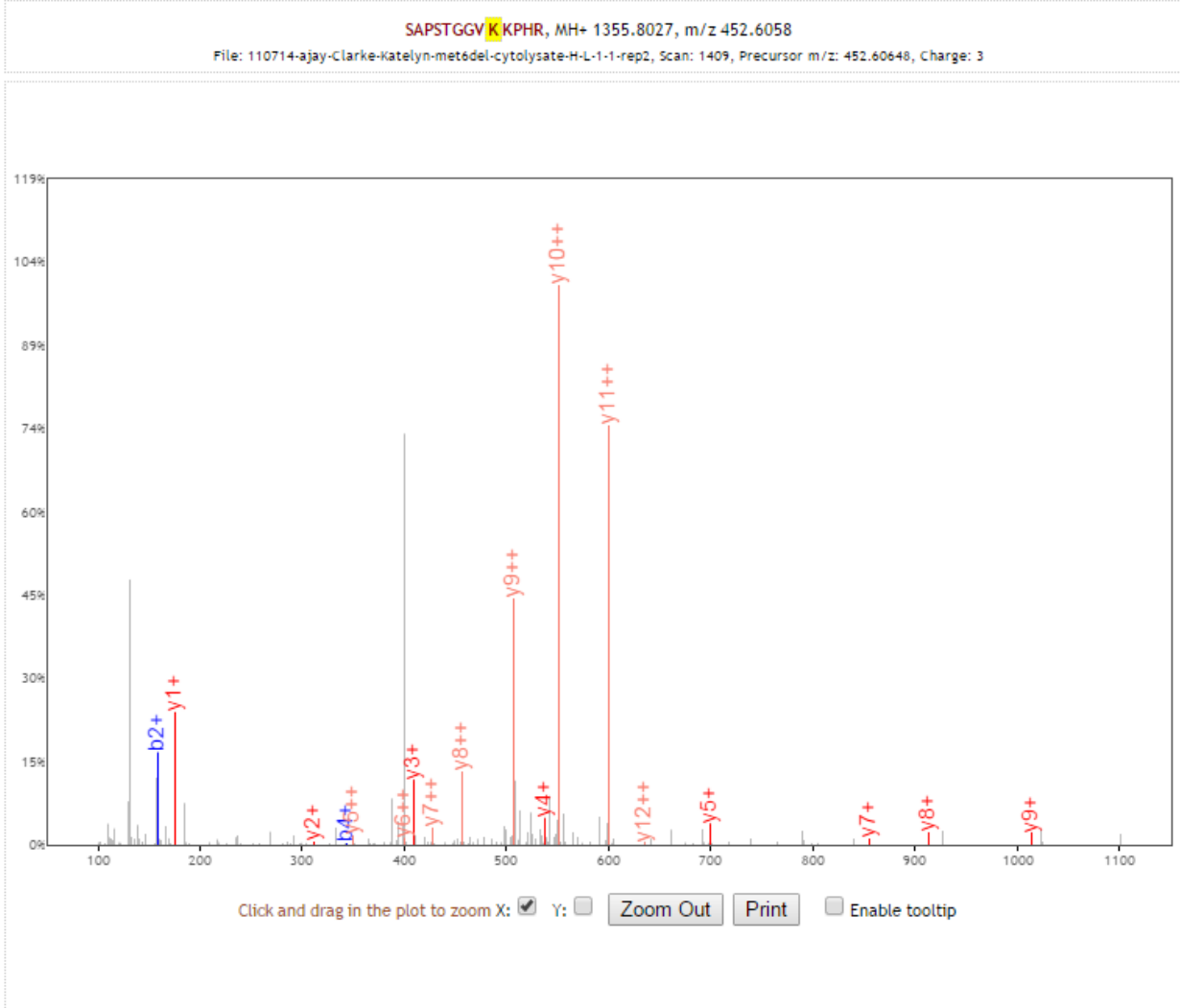
## K.SAPSTGGVdi**K**KPHR.Y [28, 40] (missed 1)



Replicate 2

# Histone H3

K.SAPSTGGVdi**K**KPHR.Y [28, 40] (missed 1)



b+	b2+	#	Seq #	y+	y2+
88.0393	44.5233	1	S 13		
159.0764	80.0418	2	A 12	1268.7707	634.8890
256.1292	128.5682	3	P 11	1197.7336	599.3704
343.1612	172.0842	4	S 10	1100.6808	550.8440
444.2089	222.6081	5	T 9	1013.6488	507.3280
501.2304	251.1188	6	G 8	912.6011	456.8042
558.2518	279.6295	7	G 7	855.5796	428.2935
657.3202	329.1638	8	V 6	798.5582	399.7827
819.4844	410.2458	9	K 5	699.4898	350.2485
947.5794	474.2933	10	K 4	537.3256	269.1664
1044.6321	522.8197	11	P 3	409.2306	205.1190
1181.6910	591.3492	12	H 2	312.1779	156.5926
		13	R 1	175.1190	88.0631

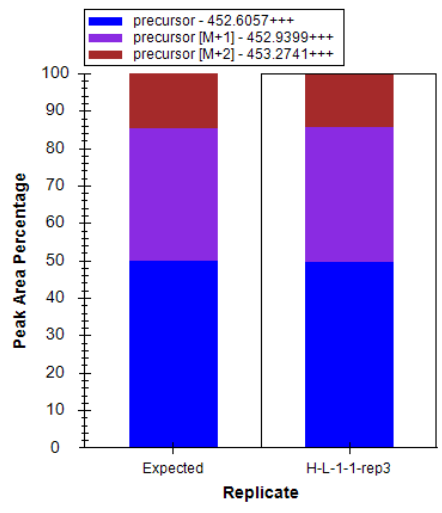
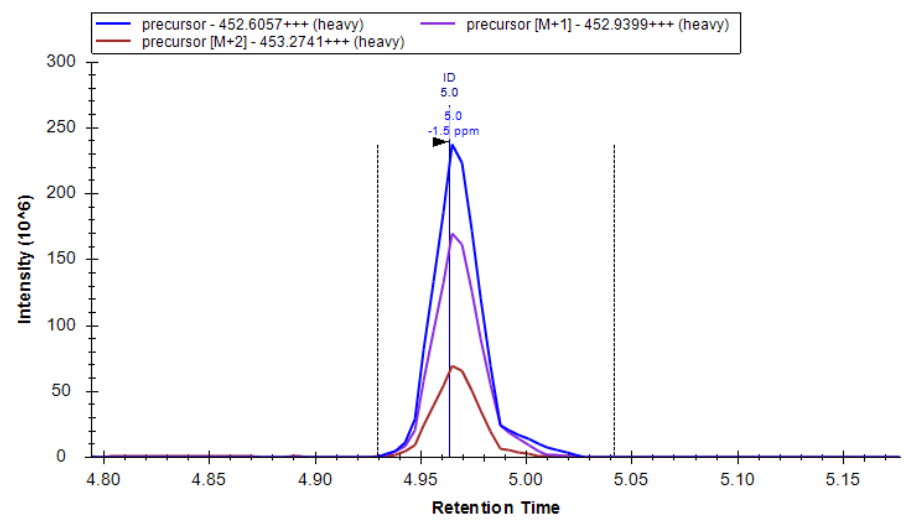
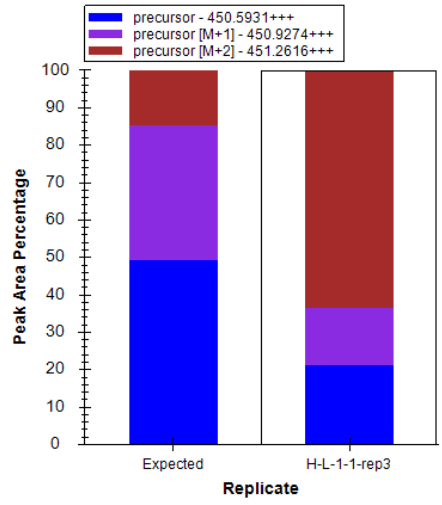
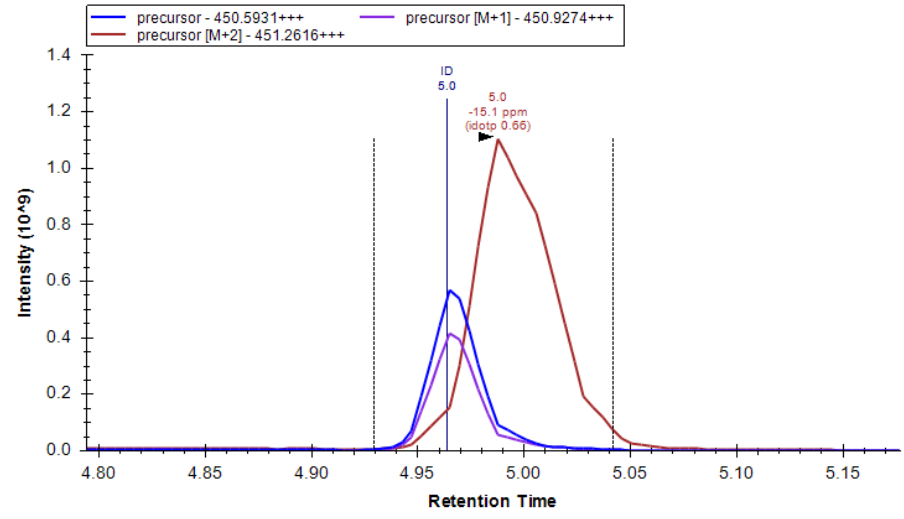
[\[Click\]](#) to move table

Static Modifications:  
 C: 57.02146  
 M: 3.0189

Variable Modifications:  
 K: 34.0692

# Histone H3

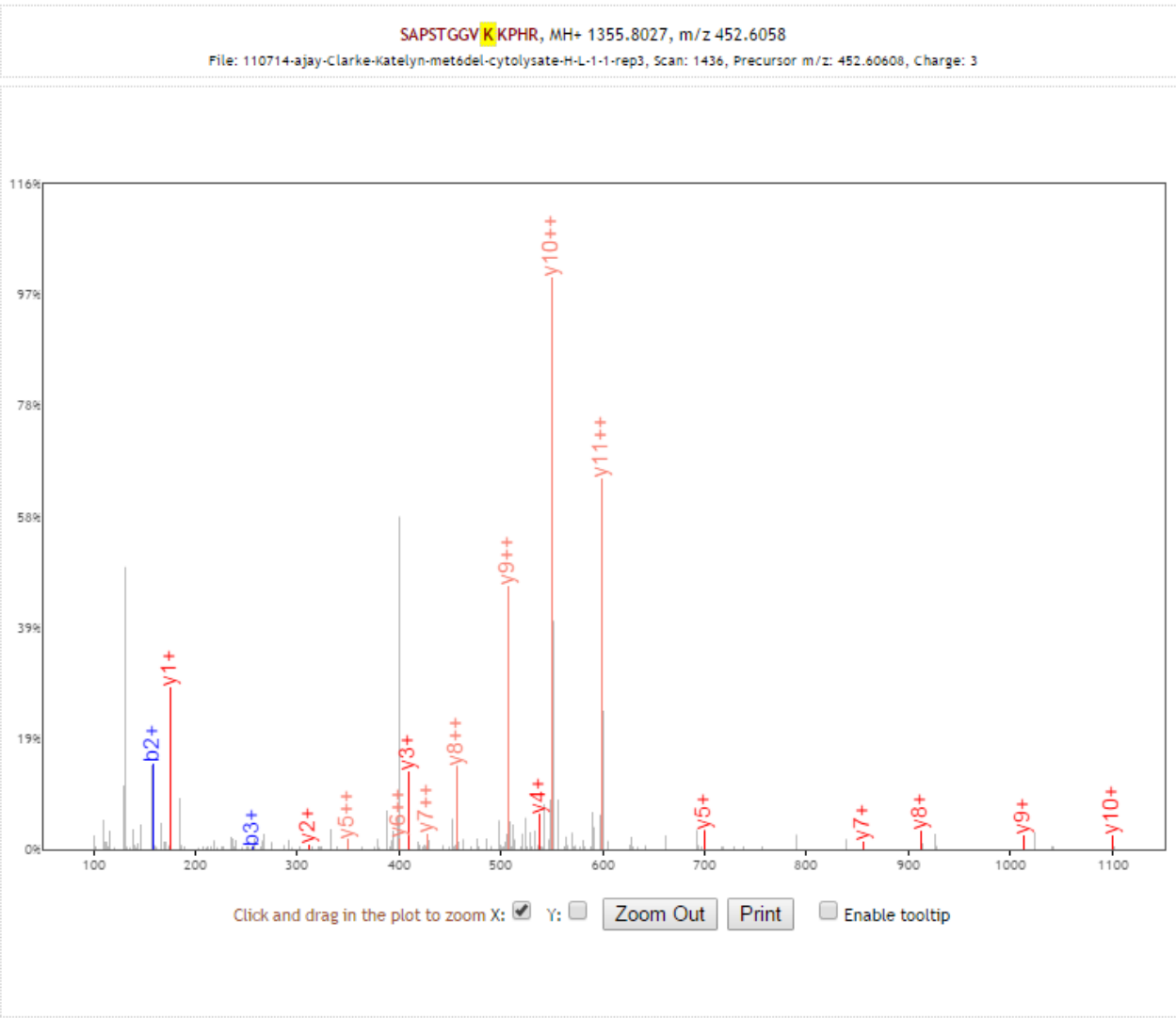
## K.SAPSTGGVdi**K**KPHR.Y [28, 40] (missed 1)



Replicate 3

# Histone H3

## K.SAPSTGGVdi**K**KPHR.Y [28, 40] (missed 1)



b+	b2+	#	Seq #	y+	y2+
88.0393	44.5233	1	S 13		
159.0764	80.0418	2	A 12	1268.7707	634.8890
256.1292	128.5682	3	P 11	1197.7336	599.3704
343.1612	172.0842	4	S 10	1100.6808	550.8440
444.2089	222.6081	5	T 9	1013.6488	507.3280
501.2304	251.1188	6	G 8	912.6011	456.8042
558.2518	279.6295	7	G 7	855.5796	428.2935
657.3202	329.1638	8	V 6	798.5582	399.7827
819.4844	410.2458	9	K 5	699.4898	350.2485
947.5794	474.2933	10	K 4	537.3256	269.1664
1044.6321	522.8197	11	P 3	409.2306	205.1190
1181.6910	591.3492	12	H 2	312.1779	156.5926
		13	R 1	175.1190	88.0631

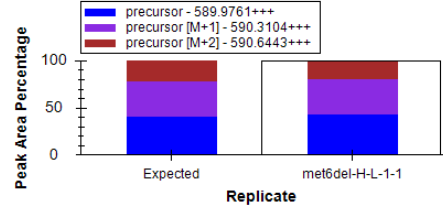
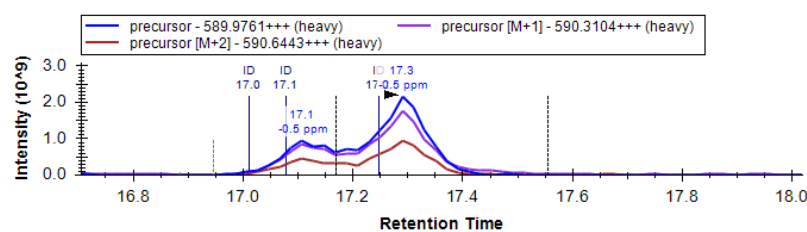
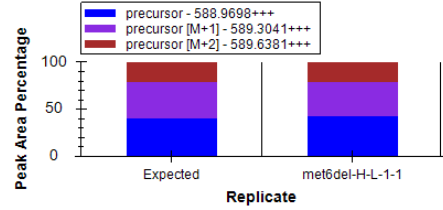
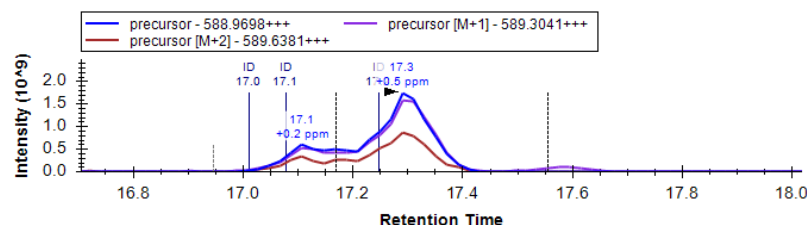
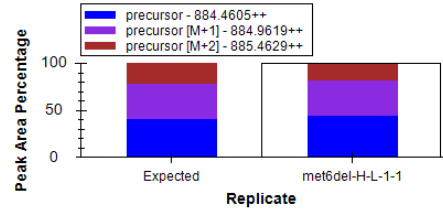
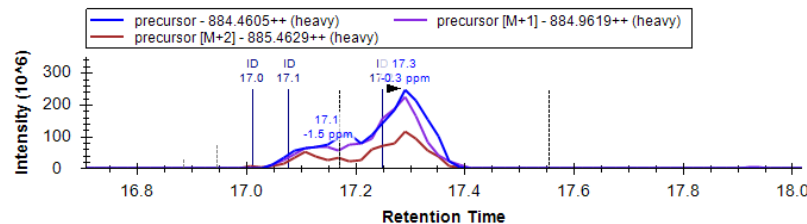
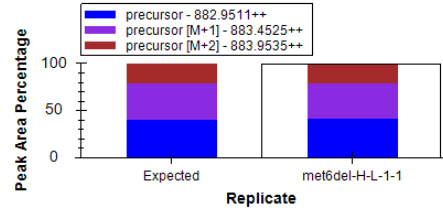
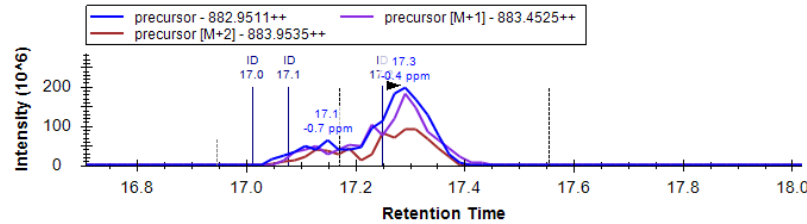
[\[click\]](#) to move table

Static Modifications:  
 C: 57.02146  
 M: 3.0189

Variable Modifications:  
 K: 34.0692

# eEF1A

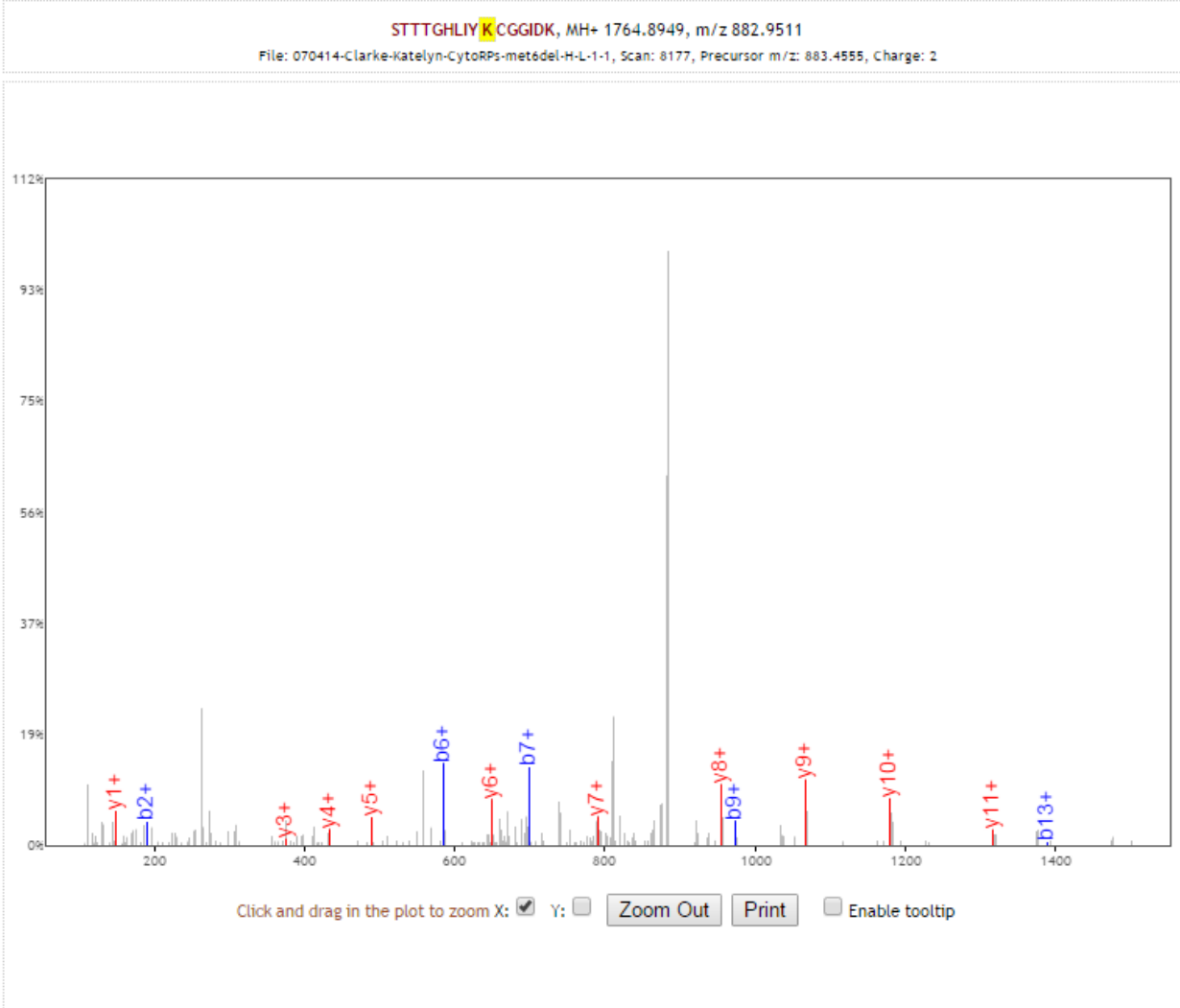
## K.STTTGHLIYmono**K**CGGIDK.R [20, 35] (missed 1)





# eEF1A

K.STTTGHLIYmono**K**CGGIDK.R [20, 35] (missed 1)

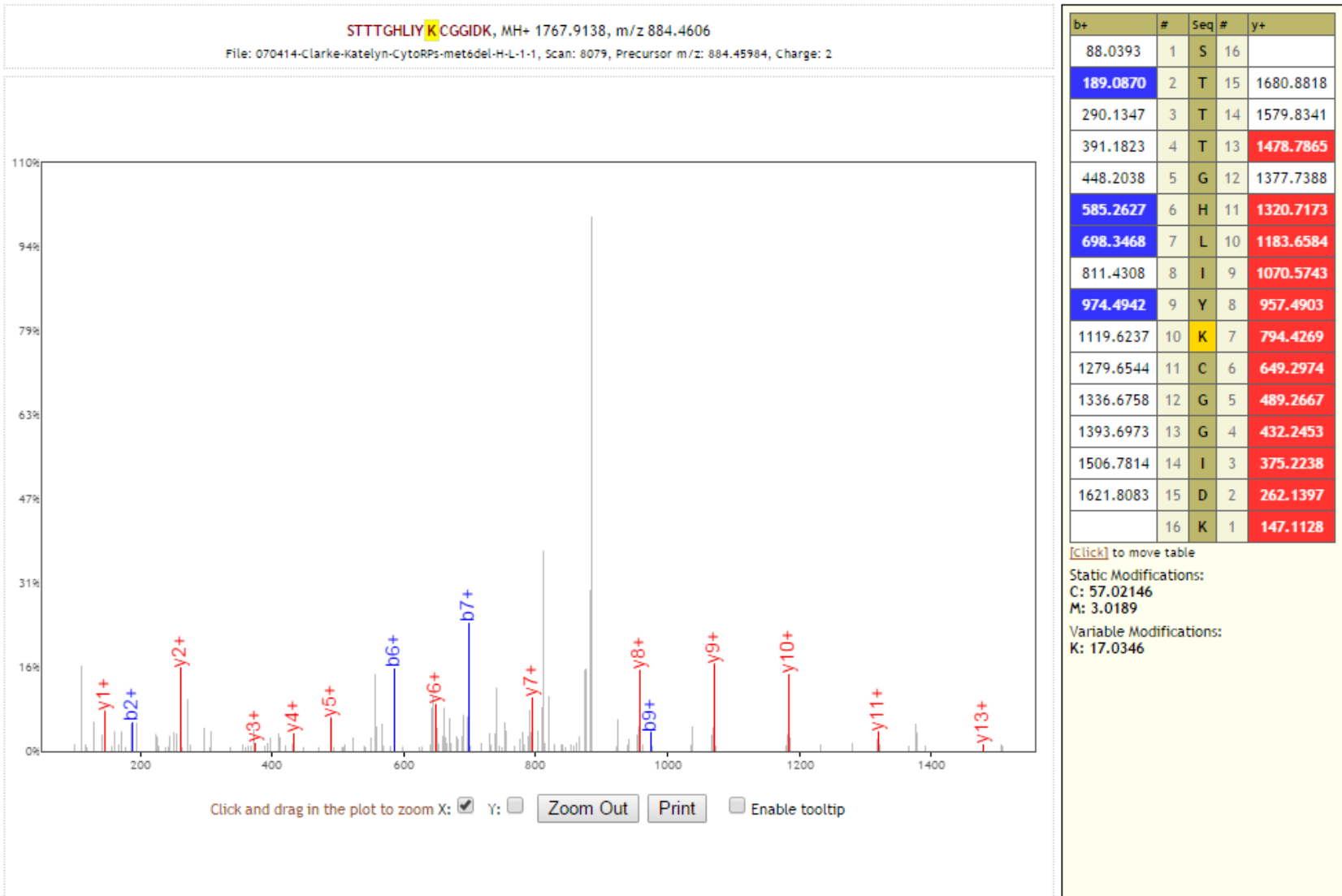


b+	#	Seq #	y+
88.0393	1	S 16	
189.0870	2	T 15	1677.8629
290.1347	3	T 14	1576.8152
391.1823	4	T 13	1475.7676
448.2038	5	G 12	1374.7199
585.2627	6	H 11	1317.6984
698.3468	7	L 10	1180.6395
811.4308	8	I 9	1067.5554
974.4942	9	Y 8	954.4714
1116.6048	10	K 7	791.4080
1276.6355	11	C 6	649.2974
1390.6784	13	G 4	432.2453
1503.7625	14	I 3	375.2238
1618.7894	15	D 2	262.1397
	16	K 1	147.1128

[\[click\]](#) to move table  
 Static Modifications:  
 C: 57.02146  
 Variable Modifications:  
 K: 14.0157

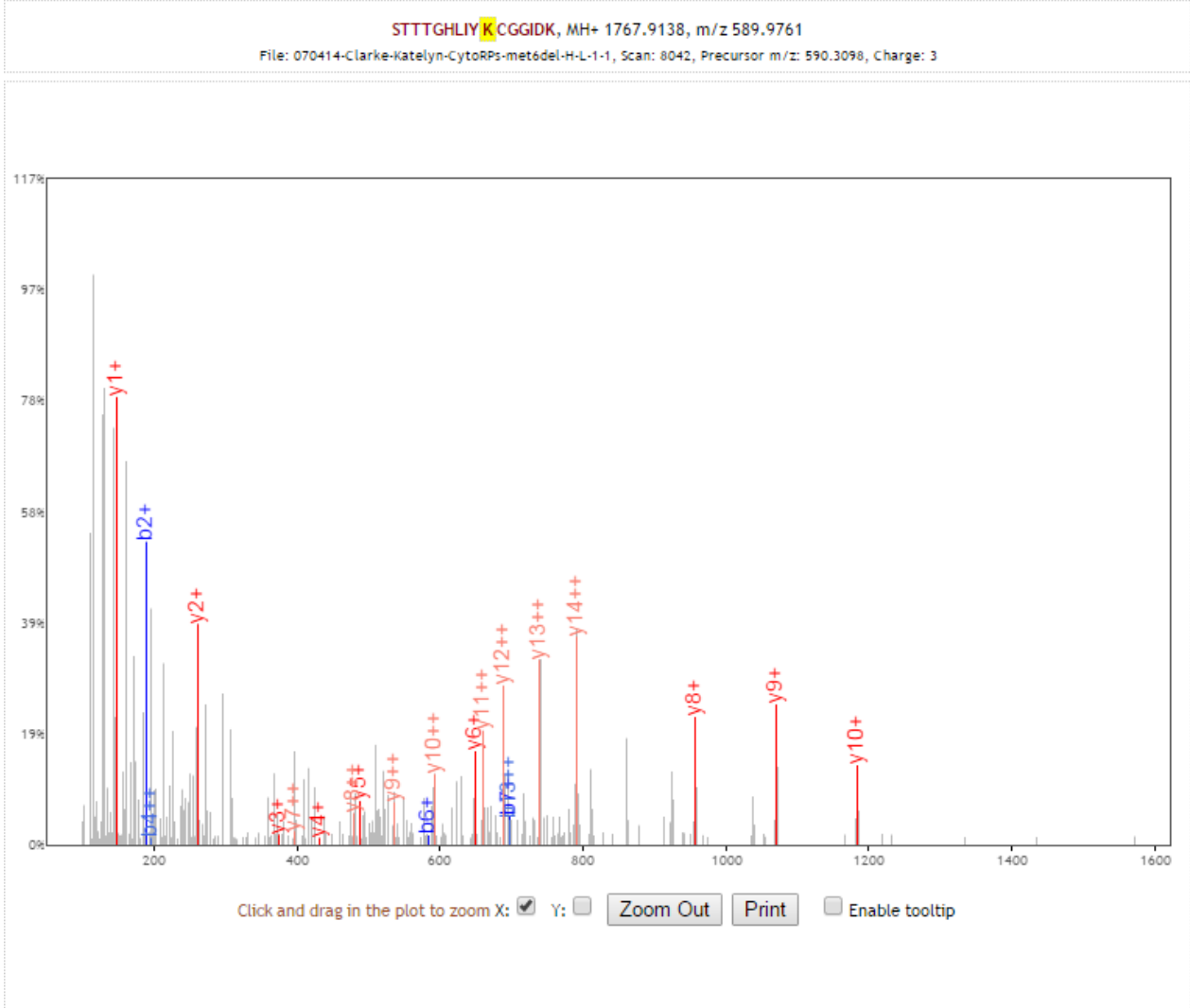
# eEF1A

## K.STTTGHLIYmono**K**CGGIDK.R [20, 35] (missed 1)



# eEF1A

## K.STTTGHLIYmono**K**CGGIDK.R [20, 35] (missed 1)

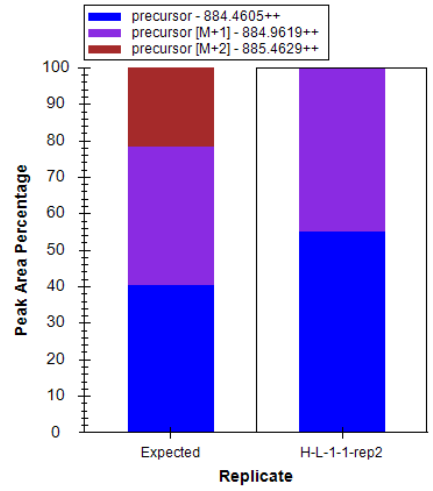
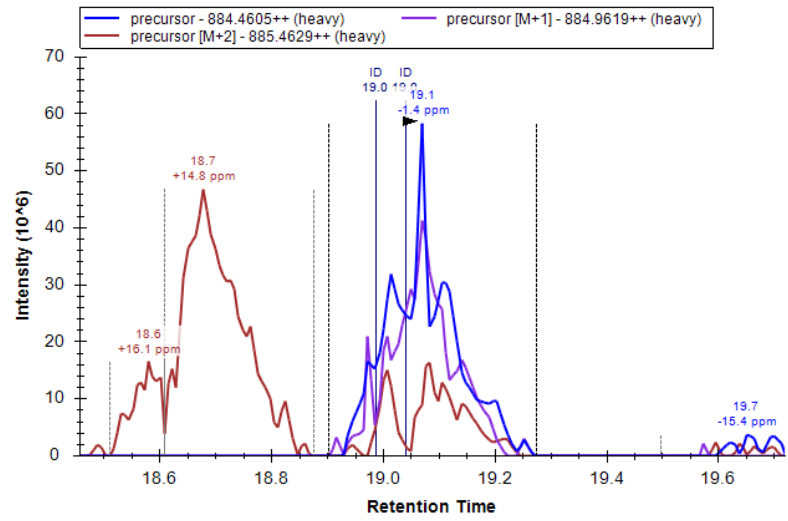
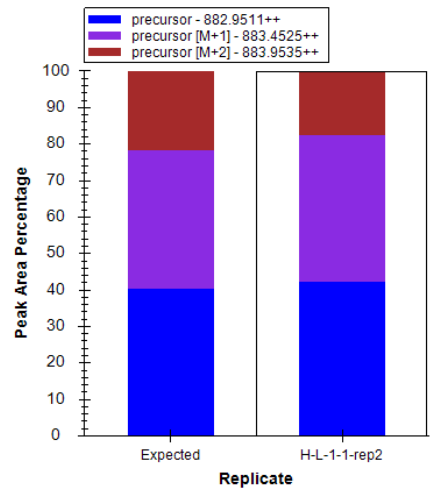
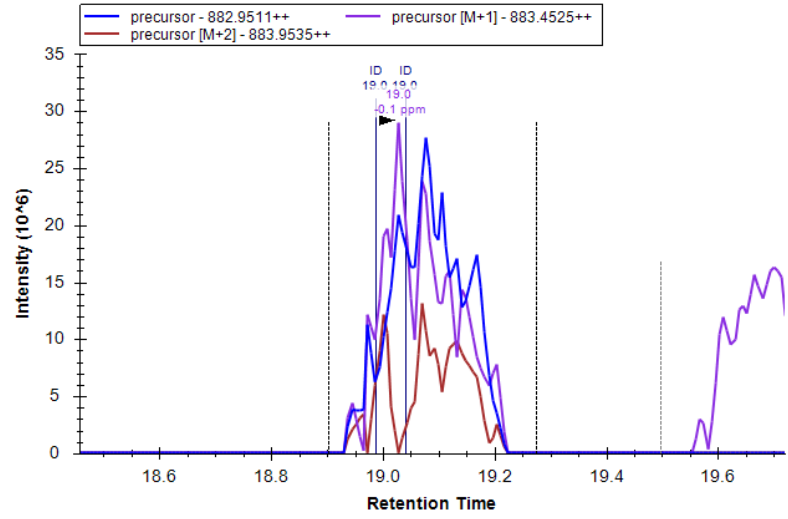


b+	b2+	#	Seq #	y+	y2+
88.0393	44.5233	1	S 16		
<b>189.0870</b>	95.0471	2	T 15	1680.8818	840.9445
290.1347	145.5710	3	T 14	1579.8341	790.4207
391.1823	<b>196.0948</b>	4	T 13	1478.7865	739.8969
448.2038	224.6055	5	G 12	1377.7388	689.3730
<b>585.2627</b>	293.1350	6	H 11	1320.7173	660.8623
<b>698.3468</b>	349.6770	7	L 10	<b>1183.6584</b>	592.3328
811.4308	406.2191	8	I 9	<b>1070.5743</b>	535.7908
974.4942	487.7507	9	Y 8	<b>957.4903</b>	479.2488
1119.6237	560.3155	10	<b>K 7</b>	794.4269	397.7171
1279.6544	640.3308	11	C 6	<b>649.2974</b>	325.1523
1336.6758	668.8416	12	G 5	<b>489.2667</b>	245.1370
1393.6973	<b>697.3523</b>	13	G 4	<b>432.2453</b>	216.6263
1506.7814	753.8943	14	I 3	<b>375.2238</b>	188.1155
1621.8083	811.4078	15	D 2	<b>262.1397</b>	131.5735
		16	K 1	<b>147.1128</b>	74.0600

[Click] to move table  
 Static Modifications:  
 C: 57.02146  
 M: 3.0189  
 Variable Modifications:  
 K: 17.0346

# eEF1A

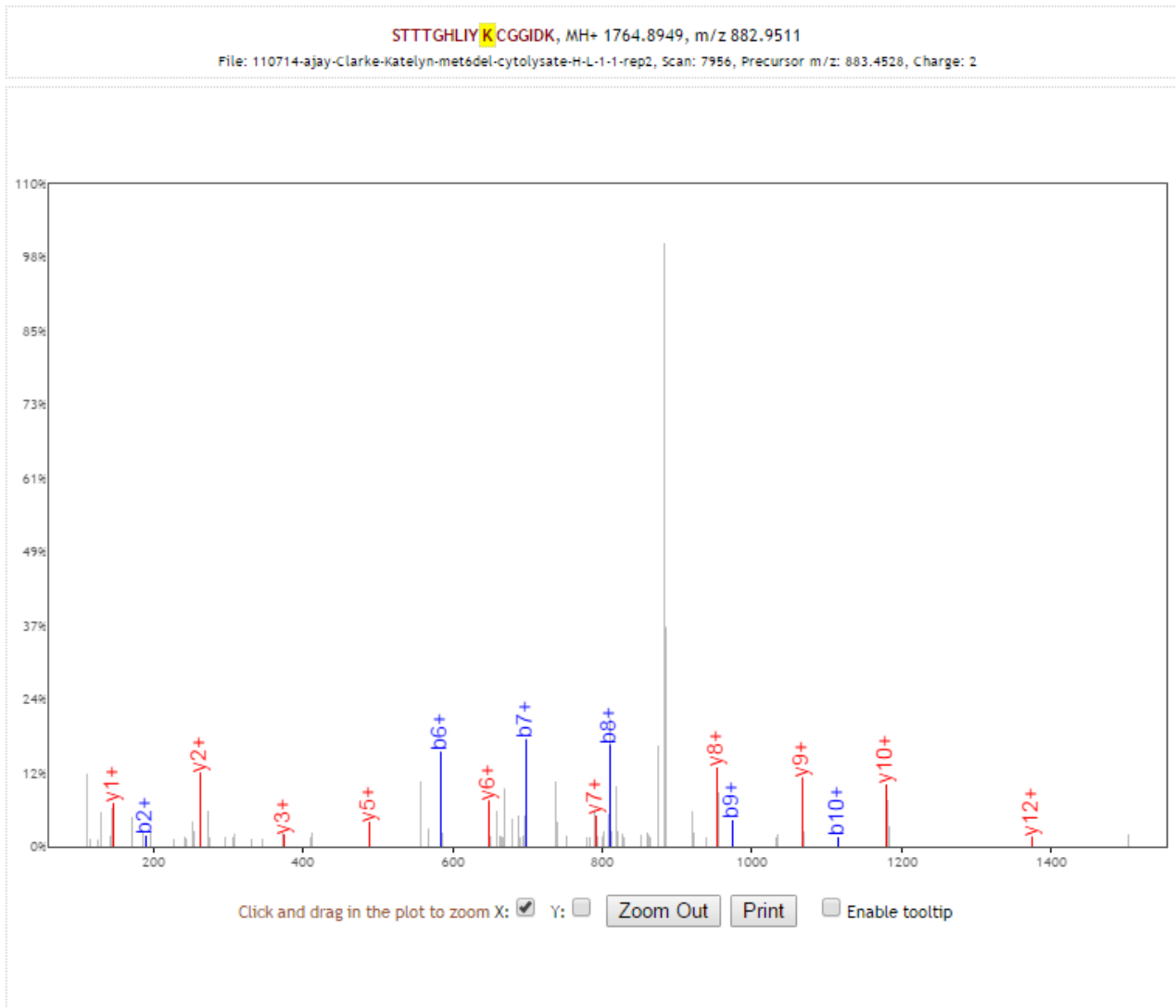
K.STTTGHLIYmono**K**CGGIDK.R [20, 35] (missed 1)



Replicate 2

# eEF1A

## K.STTTGHLIYmono**K**CGGIDK.R [20, 35] (missed 1)



b+	#	Seq #	y+
88.0393	1	S 16	
189.0870	2	T 15	1677.8629
290.1347	3	T 14	1576.8152
391.1823	4	T 13	1475.7676
448.2038	5	G 12	1374.7199
585.2627	6	H 11	1317.6984
698.3468	7	L 10	1180.6395
811.4308	8	I 9	1067.5554
974.4942	9	Y 8	954.4714
1116.6048	10	<b>K</b> 7	791.4080
1276.6355	11	C 6	649.2974
1333.6569	12	G 5	489.2667
1390.6784	13	G 4	432.2453
1503.7625	14	I 3	375.2238
1618.7894	15	D 2	262.1397
	16	K 1	147.1128

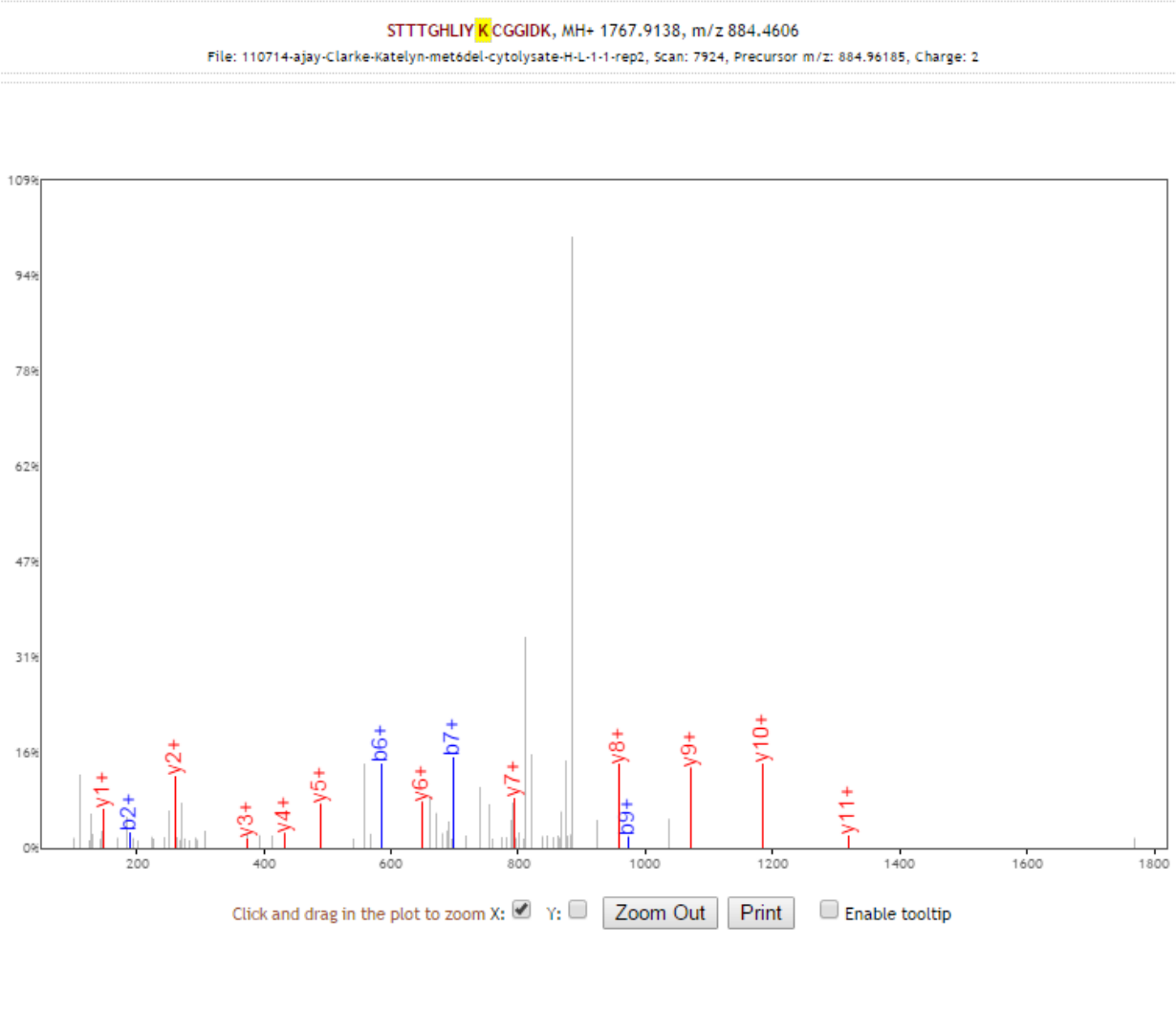
[\[click\]](#) to move table

Static Modifications:  
C: 57.02146

Variable Modifications:  
K: 14.0157

# eEF1A

K.STTTGHLIY**K**CGGIDK.R [20, 35] (missed 1)



b+	#	Seq #	y+
88.0393	1	S 16	
189.0870	2	T 15	1680.8818
290.1347	3	T 14	1579.8341
391.1823	4	T 13	1478.7865
448.2038	5	G 12	1377.7388
585.2627	6	H 11	1320.7173
698.3468	7	L 10	1183.6584
811.4308	8	I 9	1070.5743
974.4942	9	Y 8	957.4903
1119.6237	10	<b>K</b> 7	794.4269
1279.6544	11	C 6	649.2974
1336.6758	12	G 5	489.2667
1393.6973	13	G 4	432.2453
1506.7814	14	I 3	375.2238
1621.8083	15	D 2	262.1397
	16	K 1	147.1128

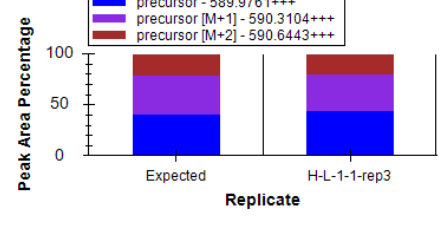
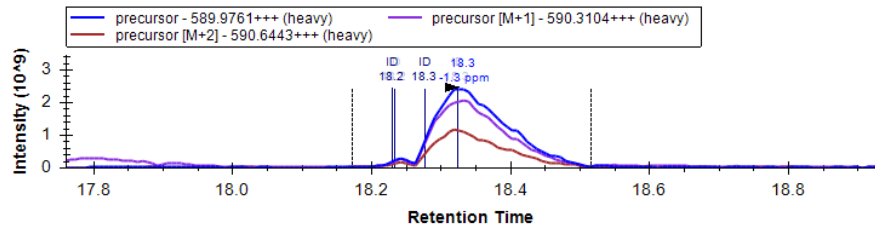
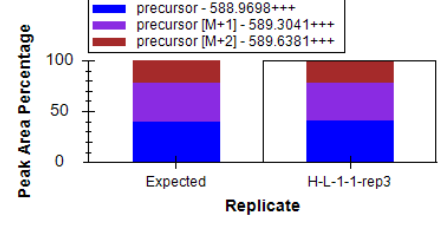
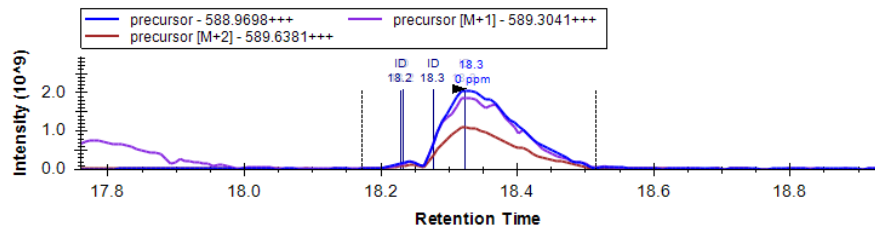
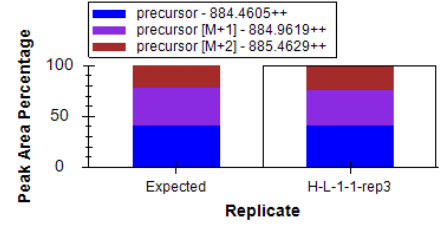
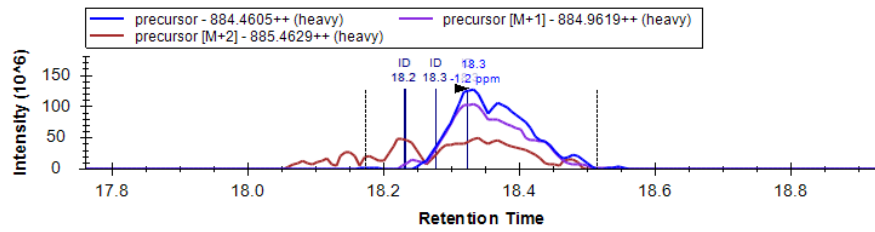
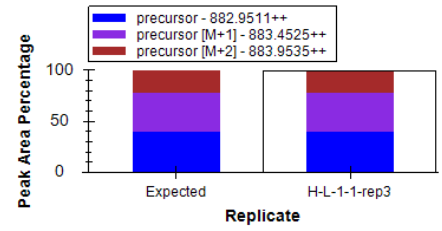
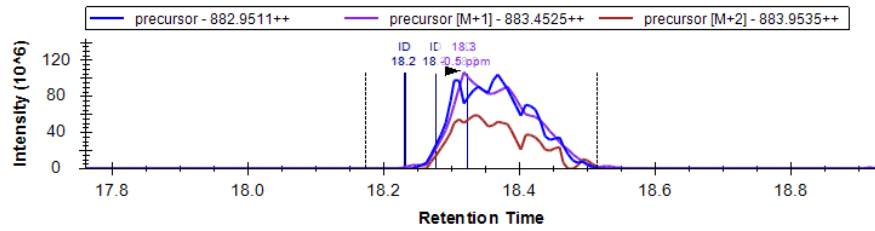
[\[click\]](#) to move table

Static Modifications:  
 C: 57.02146  
 M: 3.0189

Variable Modifications:  
 K: 17.0346

# eEF1A

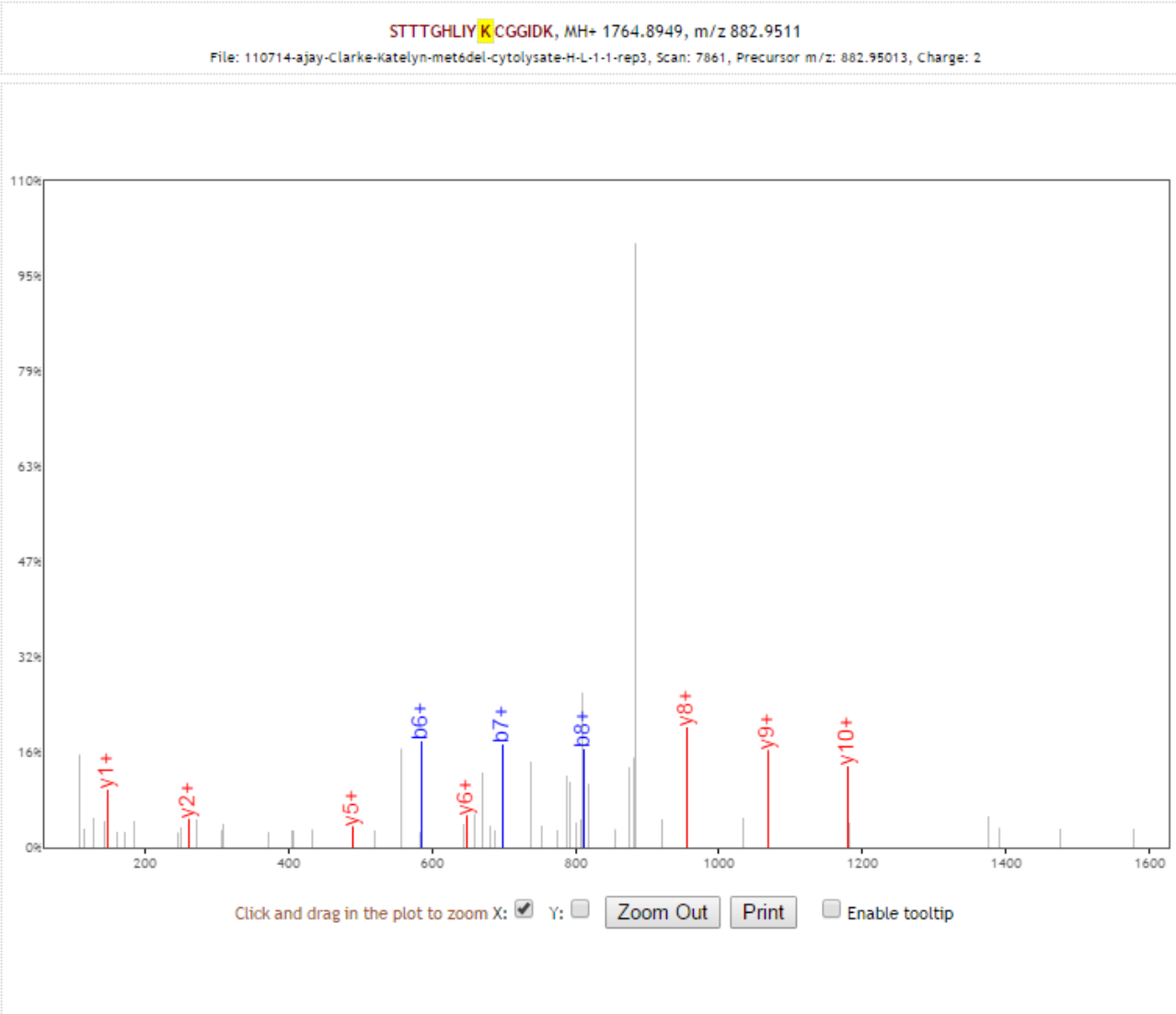
## K.STTTGHLIYmono**K**CGGIDK.R [20, 35] (missed 1)



Replicate 3

# eEF1A

## K.STTTGHLIYmono**K**CGGIDK.R [20, 35] (missed 1)



b+	#	Seq #	y+
88.0393	1	S 16	
189.0870	2	T 15	1677.8629
290.1347	3	T 14	1576.8152
391.1823	4	T 13	1475.7676
448.2038	5	G 12	1374.7199
585.2627	6	H 11	1317.6984
698.3468	7	L 10	1180.6395
811.4308	8	I 9	1067.5554
974.4942	9	Y 8	954.4714
1116.6048	10	K 7	791.4080
1276.6355	11	C 6	649.2974
1333.6569	12	G 5	489.2667
1390.6784	13	G 4	432.2453
1503.7625	14	I 3	375.2238
1618.7894	15	D 2	262.1397
	16	K 1	147.1128

[\[Click\]](#) to move table

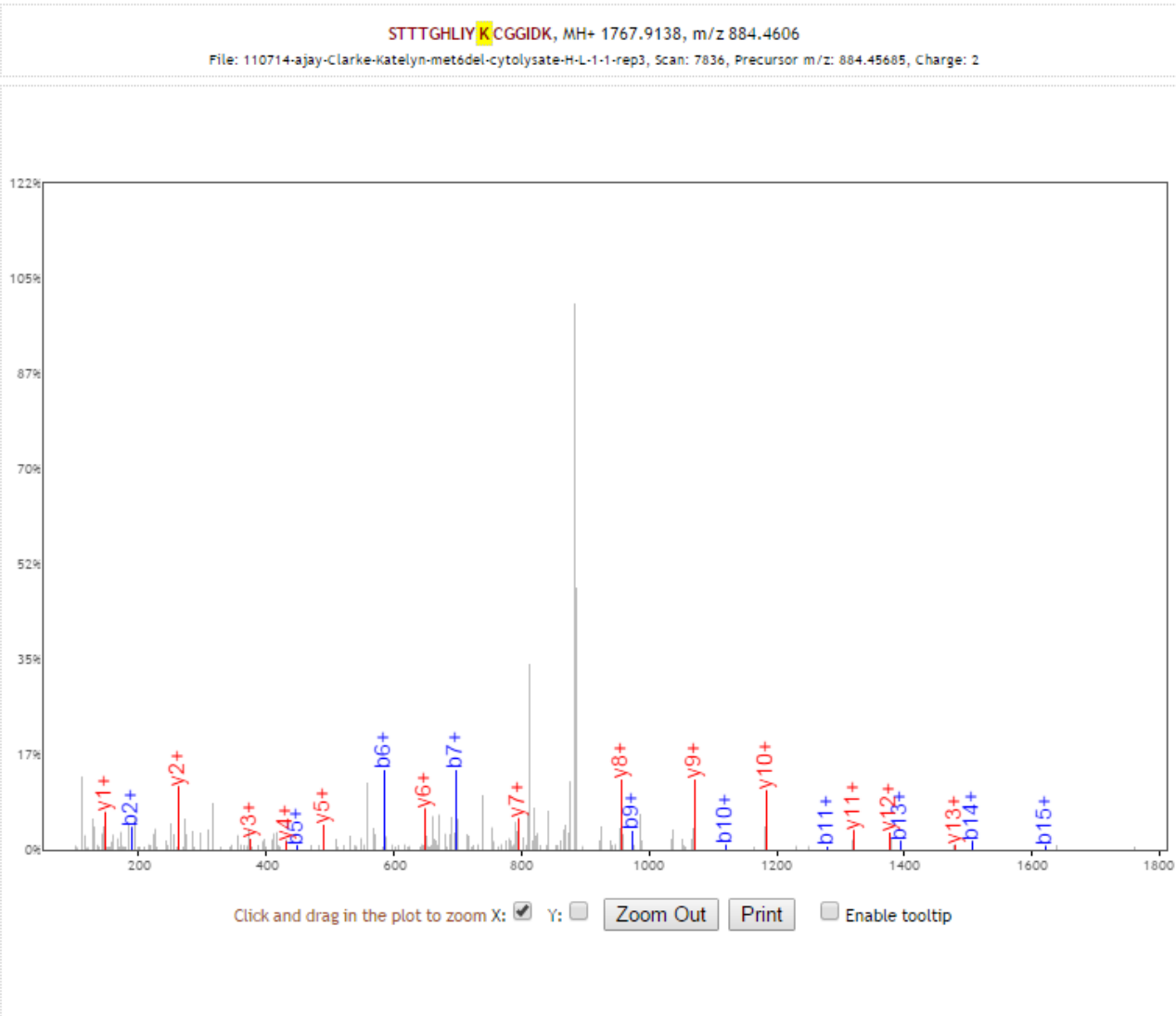
Static Modifications:  
 C: 57.02146

Variable Modifications:  
 K: 14.0157



# eEF1A

K.STTTGHLIY**K**CGGIDK.R [20, 35] (missed 1)



b+	#	Seq #	y+
88.0393	1	S 16	
189.0870	2	T 15	1680.8818
290.1347	3	T 14	1579.8341
391.1823	4	T 13	1478.7865
448.2038	5	G 12	1377.7388
585.2627	6	H 11	1320.7173
698.3468	7	L 10	1183.6584
811.4308	8	I 9	1070.5743
974.4942	9	Y 8	957.4903
1119.6237	10	K 7	794.4269
1279.6544	11	C 6	649.2974
1336.6758	12	G 5	489.2667
1393.6973	13	G 4	432.2453
1506.7814	14	I 3	375.2238
1621.8083	15	D 2	262.1397
	16	K 1	147.1128

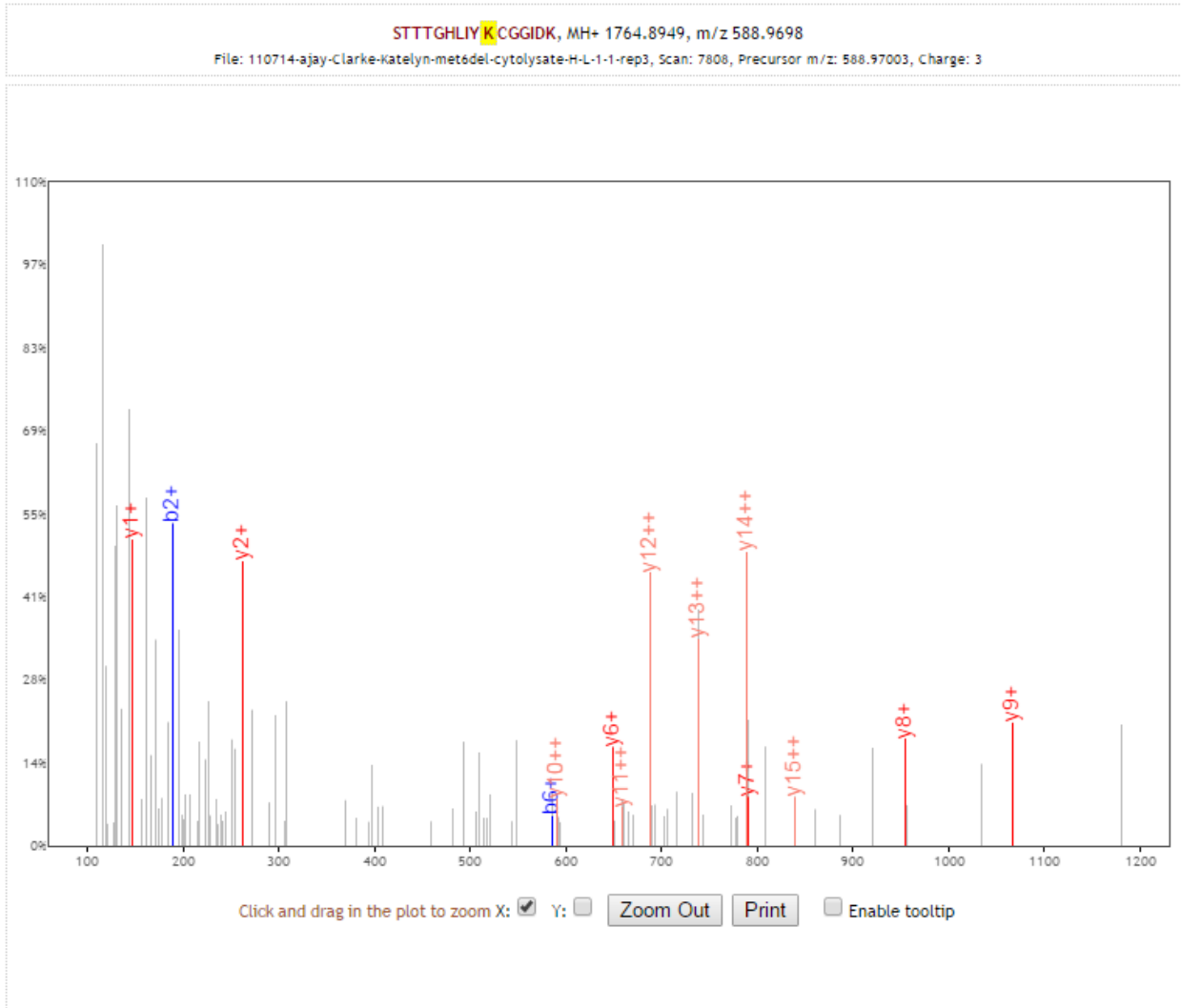
[\[Click\]](#) to move table

Static Modifications:  
 C: 57.02146  
 M: 3.0189

Variable Modifications:  
 K: 17.0346

# eEF1A

K.STTTGHLIY**K**CGGIDK.R [20, 35] (missed 1)

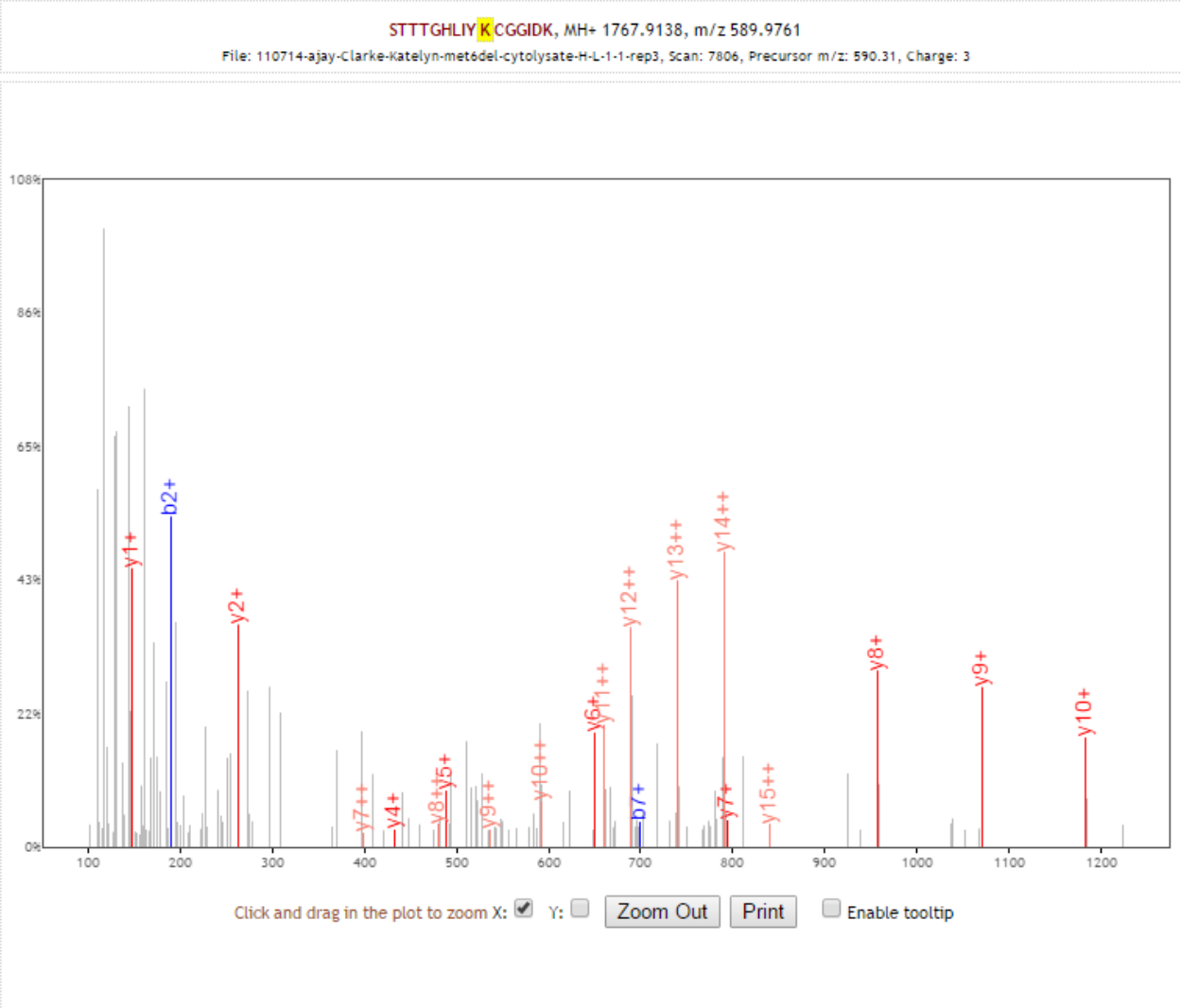


b+	b2+	#	Seq	#	y+	y2+
88.0393	44.5233	1	S	16		
<b>189.0870</b>	95.0471	2	T	15	1677.8629	839.4351
290.1347	145.5710	3	T	14	1576.8152	788.9113
391.1823	196.0948	4	T	13	1475.7676	738.3874
448.2038	224.6055	5	G	12	1374.7199	687.8636
<b>585.2627</b>	293.1350	6	H	11	1317.6984	659.3528
698.3468	349.6770	7	L	10	1180.6395	590.8234
811.4308	406.2191	8	I	9	<b>1067.5554</b>	534.2814
974.4942	487.7507	9	Y	8	<b>954.4714</b>	477.7393
1116.6048	558.8061	10	<b>K</b>	7	<b>791.4080</b>	396.2077
1276.6355	638.8214	11	C	6	<b>649.2974</b>	325.1523
1333.6569	667.3321	12	G	5	489.2667	245.1370
1390.6784	695.8428	13	G	4	432.2453	216.6263
1503.7625	752.3849	14	I	3	375.2238	188.1155
1618.7894	809.8983	15	D	2	<b>262.1397</b>	131.5735
		16	<b>K</b>	1	<b>147.1128</b>	74.0600

[\[click\]](#) to move table  
 Static Modifications:  
 C: 57.02146  
 Variable Modifications:  
 K: 14.0157

# eEF1A

## K.STTTGHLIYmonoKCGGIDK.R [20, 35] (missed 1)

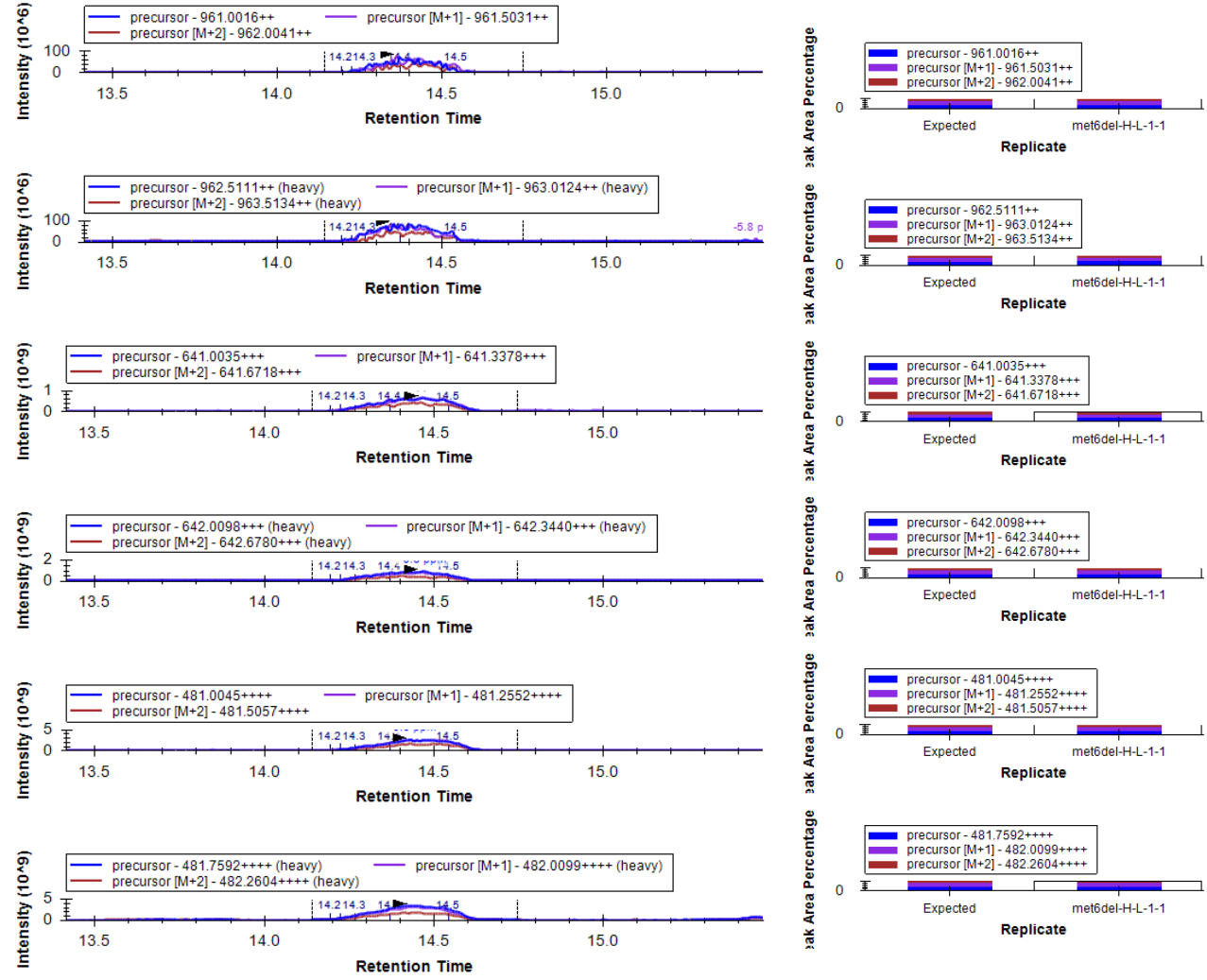


b+	b2+	#	Seq #	y+	y2+
88.0393	44.5233	1	S 16		
<b>189.0870</b>	95.0471	2	T 15	1680.8818	840.9445
290.1347	145.5710	3	T 14	1579.8341	790.4207
391.1823	196.0948	4	T 13	1478.7865	739.8969
448.2038	224.6055	5	G 12	1377.7388	689.3730
585.2627	293.1350	6	H 11	1320.7173	660.8623
<b>698.3468</b>	349.6770	7	L 10	<b>1183.6584</b>	592.3328
811.4308	406.2191	8	I 9	<b>1070.5743</b>	535.7908
974.4942	487.7507	9	Y 8	<b>957.4903</b>	479.2488
1119.6237	560.3155	10	<b>K 7</b>	<b>794.4269</b>	397.7171
1279.6544	640.3308	11	C 6	<b>649.2974</b>	325.1523
1336.6758	668.8416	12	G 5	<b>489.2667</b>	245.1370
1393.6973	697.3523	13	G 4	<b>432.2453</b>	216.6263
1506.7814	753.8943	14	I 3	375.2238	188.1155
1621.8083	811.4078	15	D 2	<b>262.1397</b>	131.5735
		16	K 1	<b>147.1128</b>	74.0600

[\[click\]](#) to move table  
 Static Modifications:  
 C: 57.02146  
 M: 3.0189  
 Variable Modifications:  
 K: 17.0346

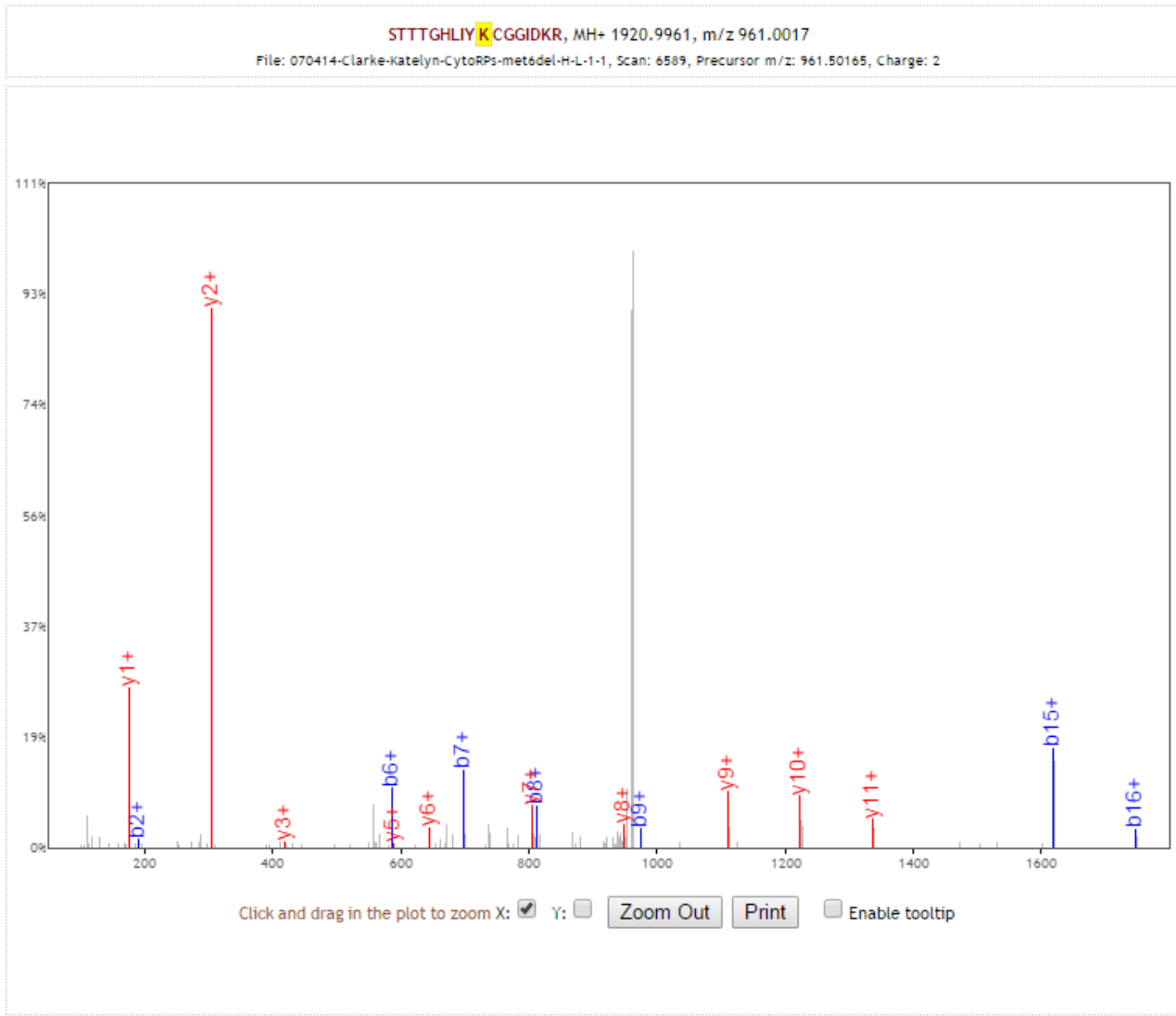
# eEF1A

## K.STTTGHLIYmono**K**CGGIDKR.T [20, 36] (missed 2)



# eEF1A

## K.STTTGHLIYmono**K**CGGIDKR.T [20, 36] (missed 2)



b+	#	Seq #	y+
88.0393	1	S 17	
189.0870	2	T 16	1833.9640
290.1347	3	T 15	1732.9163
391.1823	4	T 14	1631.8687
448.2038	5	G 13	1530.8210
585.2627	6	H 12	1473.7995
698.3468	7	L 11	1336.7406
811.4308	8	I 10	1223.6565
974.4942	9	Y 9	1110.5725
1116.6048	10	<b>K</b> 8	947.5092
1276.6355	11	C 7	805.3985
1333.6569	12	G 6	645.3678
1390.6784	13	G 5	588.3464
1503.7625	14	I 4	531.3249
1618.7894	15	D 3	418.2409
1746.8844	16	K 2	303.2139
	17	R 1	175.1190

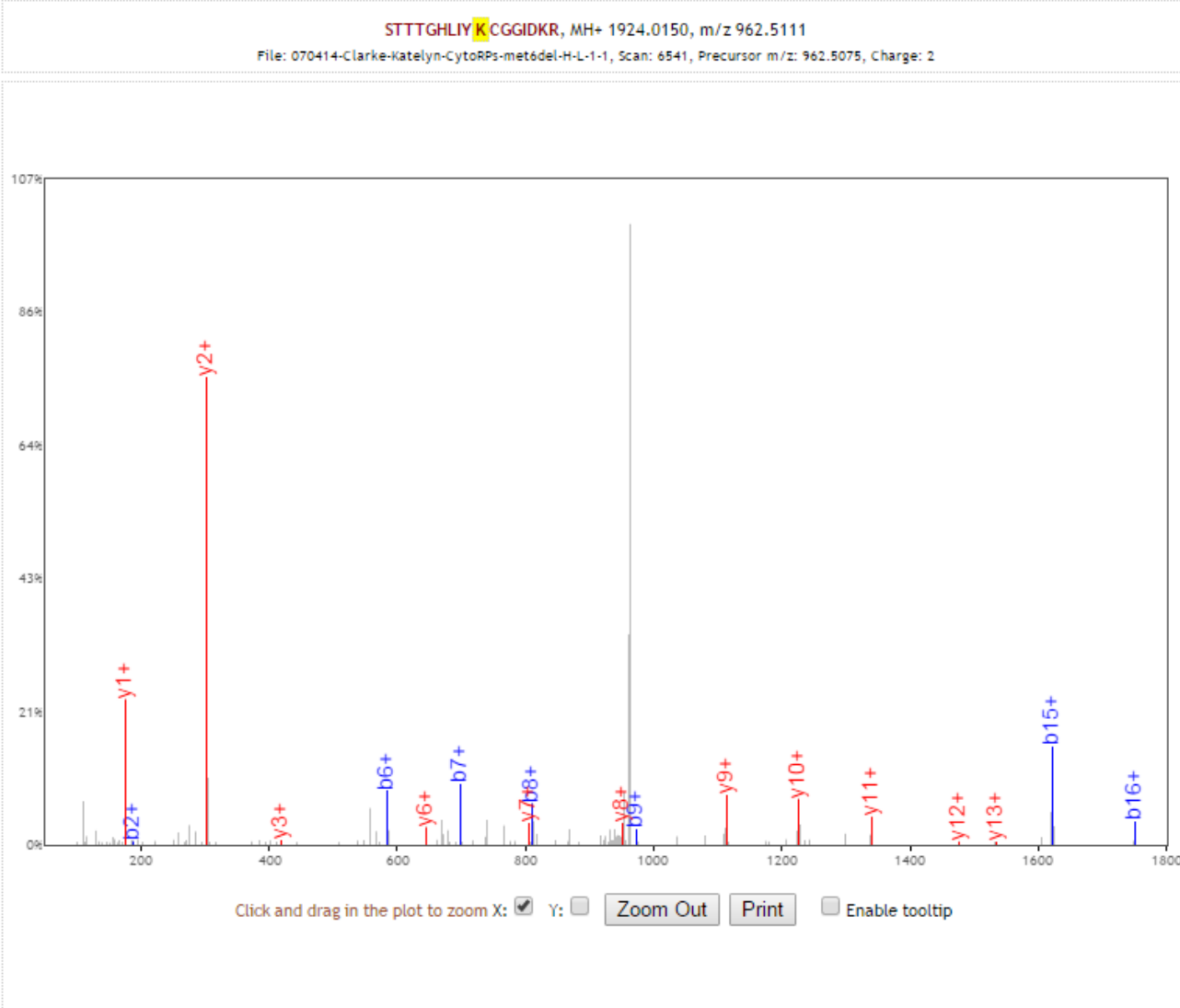
[\[Click\]](#) to move table

Static Modifications:  
 C: 57.02146

Variable Modifications:  
 K: 14.0157

# eEF1A

K.STTTGHLIY**K**CGGIDKR.T [20, 36] (missed 2)



b+	#	Seq #	y+
88.0393	1	S 17	
189.0870	2	T 16	1836.9829
290.1347	3	T 15	1735.9352
391.1823	4	T 14	1634.8876
448.2038	5	G 13	1533.8399
585.2627	6	H 12	1476.8184
698.3468	7	L 11	1339.7595
811.4308	8	I 10	1226.6754
974.4942	9	Y 9	1113.5914
1119.6237	10	<b>K</b> 8	950.5281
1279.6544	11	C 7	805.3985
1336.6758	12	G 6	645.3678
1393.6973	13	G 5	588.3464
1506.7814	14	I 4	531.3249
1621.8083	15	D 3	418.2409
1749.9033	16	K 2	303.2139
	17	R 1	175.1190

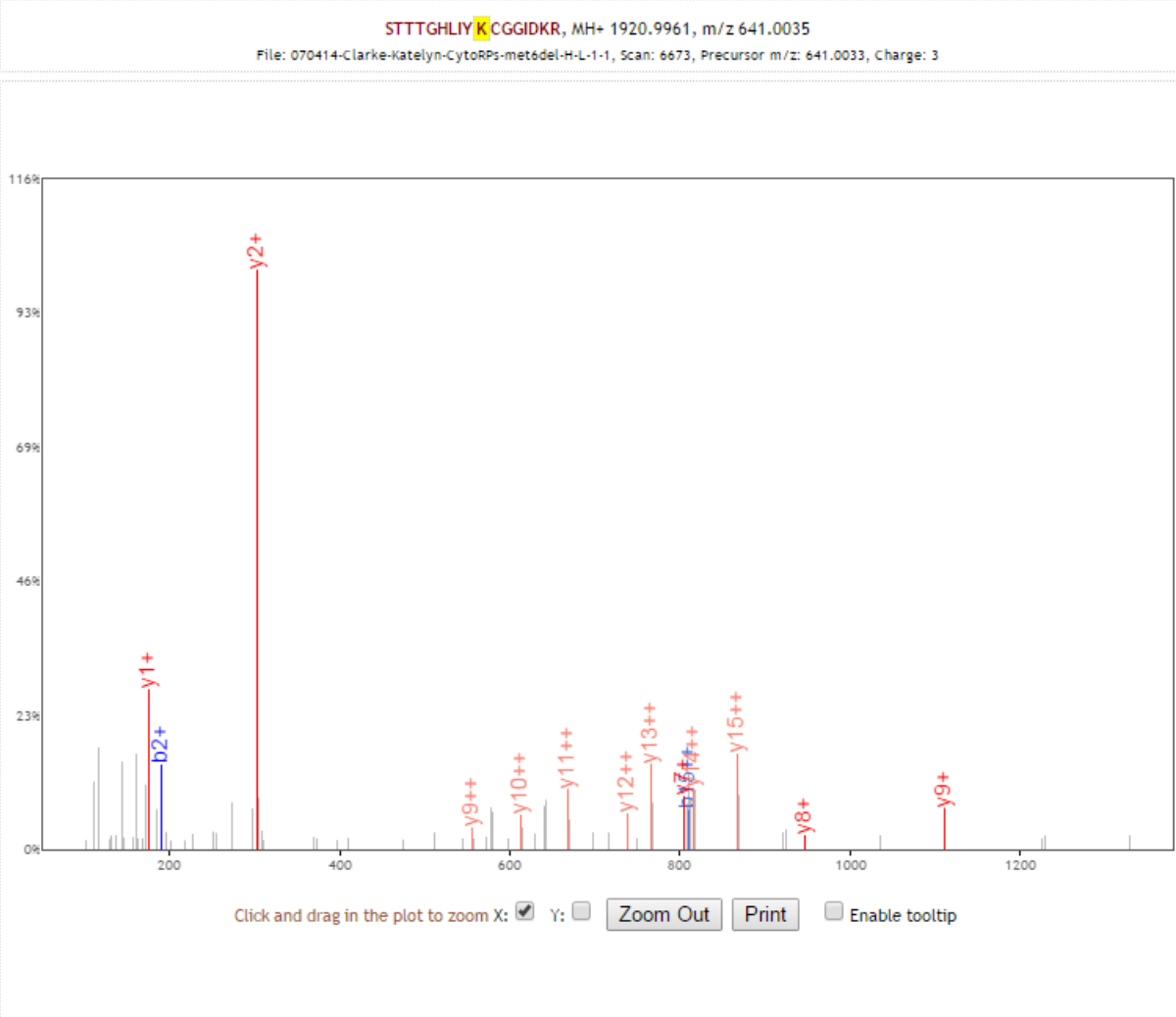
[\[Click\]](#) to move table

Static Modifications:  
 C: 57.02146  
 M: 3.0189

Variable Modifications:  
 K: 17.0346

# eEF1A

## K.STTTGHLIYmono**K**CGGIDKR.T [20, 36] (missed 2)



b+	b2+	#	Seq #	y+	y2+
88.0393	44.5233	1	S 17		
<b>189.0870</b>	95.0471	2	T 16	1833.9640	917.4857
290.1347	145.5710	3	T 15	1732.9163	<b>866.9618</b>
391.1823	196.0948	4	T 14	1631.8687	<b>816.4380</b>
448.2038	224.6055	5	G 13	1530.8210	<b>765.9141</b>
585.2627	293.1350	6	H 12	1473.7995	<b>737.4034</b>
698.3468	349.6770	7	L 11	1336.7406	<b>668.8739</b>
811.4308	406.2191	8	I 10	1223.6565	<b>612.3319</b>
974.4942	487.7507	9	Y 9	<b>1110.5725</b>	<b>555.7899</b>
1116.6048	558.8061	10	<b>K</b> 8	<b>947.5092</b>	474.2582
1276.6355	638.8214	11	C 7	<b>805.3985</b>	403.2029
1333.6569	667.3321	12	G 6	645.3678	323.1876
1390.6784	695.8428	13	G 5	588.3464	294.6768
1503.7625	752.3849	14	I 4	531.3249	266.1661
1618.7894	<b>809.8983</b>	15	D 3	418.2409	209.6241
1746.8844	873.9458	16	K 2	<b>303.2139</b>	152.1106
		17	R 1	<b>175.1190</b>	88.0631

[\[Click\]](#) to move table

Static Modifications:  
 C: 57.02146

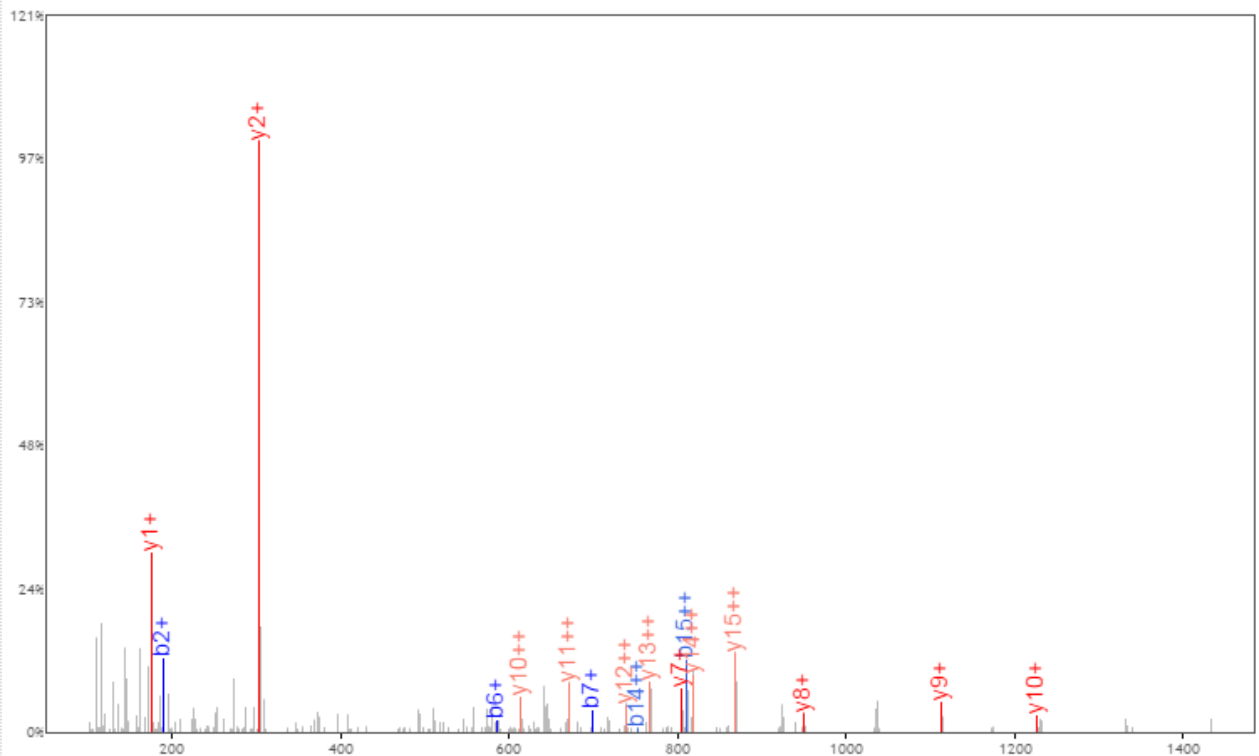
Variable Modifications:  
 K: 14.0157

# eEF1A

## K.STTTGHLIYmonoKCGGIDKR.T [20, 36] (missed 2)

STTTGHLIYKCGGIDKR, MH+ 1924.0150, m/z 642.0098

File: 070414-Clarke-Katelyn-CytoRPs-met6del-H-L-1-1, Scan: 6501, Precursor m/z: 642.3438, Charge: 3



Click and drag in the plot to zoom X:  Y:     Enable tooltip

b+	b2+	#	Seq	#	y+	y2+
88.0393	44.5233	1	S	17		
189.0870	95.0471	2	T	16	1836.9829	918.9951
290.1347	145.5710	3	T	15	1735.9352	868.4713
391.1823	196.0948	4	T	14	1634.8876	817.9474
448.2038	224.6055	5	G	13	1533.8399	767.4236
585.2627	293.1350	6	H	12	1476.8184	738.9129
698.3468	349.6770	7	L	11	1339.7595	670.3834
811.4308	406.2191	8	I	10	1226.6754	613.8414
974.4942	487.7507	9	Y	9	1113.5914	557.2993
1119.6237	560.3155	10	K	8	950.5281	475.7677
1279.6544	640.3308	11	C	7	805.3985	403.2029
1336.6758	668.8416	12	G	6	645.3678	323.1876
1393.6973	697.3523	13	G	5	588.3464	294.6768
1506.7814	753.8943	14	I	4	531.3249	266.1661
1621.8083	811.4078	15	D	3	418.2409	209.6241
1749.9033	875.4553	16	K	2	303.2139	152.1106
		17	R	1	175.1190	88.0631

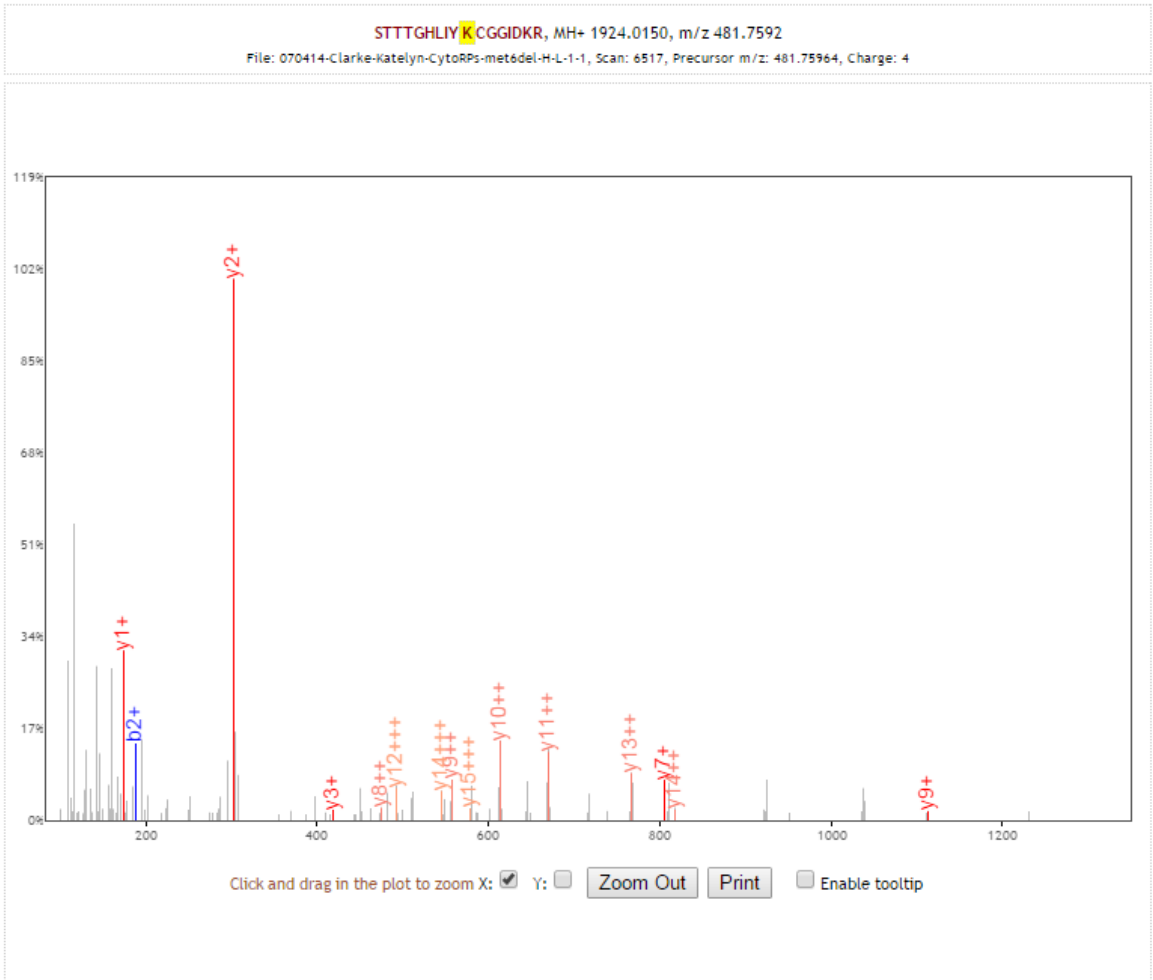
[\[Click\]](#) to move table

Static Modifications:  
 C: 57.02146  
 M: 3.0189  
 Variable Modifications:  
 K: 17.0346



# eEF1A

## K.STTTGHLIYmonoKCGGIDKR.T [20, 36] (missed 2)



b+	b2+	b3+	#	Seq #	y+	y2+	y3+
88.0393	44.5233	30.0180	1	S 17			
<b>189.0870</b>	95.0471	63.7005	2	T 16	1836.9829	918.9951	612.9992
290.1347	145.5710	97.3831	3	T 15	1735.9352	868.4713	<b>579.3166</b>
391.1823	196.0948	131.0656	4	T 14	1634.8876	<b>817.9474</b>	<b>545.6340</b>
448.2038	224.6055	150.0728	5	G 13	1533.8399	<b>767.4236</b>	511.9515
585.2627	293.1350	195.7591	6	H 12	1476.8184	738.9129	<b>492.9443</b>
698.3468	349.6770	233.4538	7	L 11	1339.7595	<b>670.3834</b>	447.2580
811.4308	406.2191	271.1485	8	I 10	1226.6754	<b>613.8414</b>	409.5633
974.4942	487.7507	325.5029	9	Y 9	<b>1113.5914</b>	<b>557.2993</b>	371.8686
1119.6237	560.3155	373.8794	10	<b>K</b> 8	950.5281	<b>475.7677</b>	317.5142
1279.6544	640.3308	427.2230	11	C 7	<b>805.3985</b>	403.2029	269.1377
1336.6758	668.8416	446.2301	12	G 6	645.3678	323.1876	215.7941
1393.6973	697.3523	465.2373	13	G 5	588.3464	294.6768	196.7870
1506.7814	753.8943	502.9320	14	I 4	531.3249	266.1661	177.7798
1621.8083	811.4078	541.2743	15	D 3	<b>418.2409</b>	209.6241	140.0851
1749.9033	875.4553	583.9726	16	K 2	<b>303.2139</b>	152.1106	101.7428
			17	R 1	<b>175.1190</b>	88.0631	59.0445

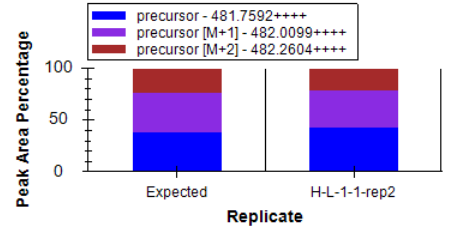
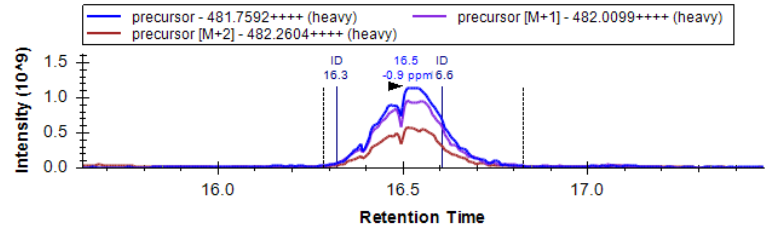
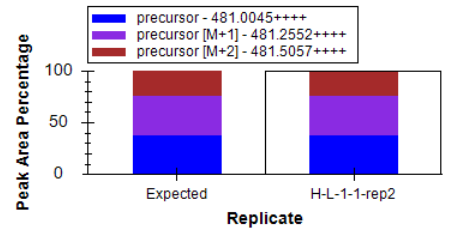
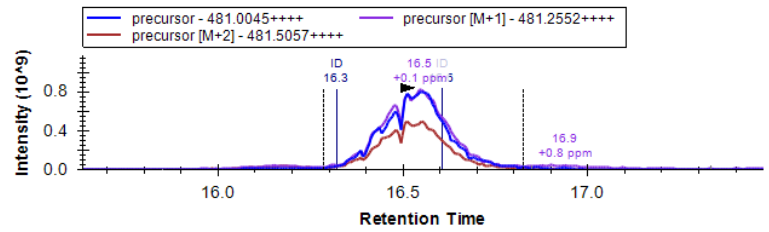
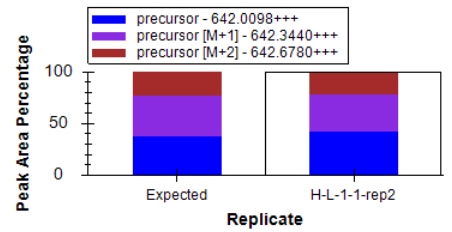
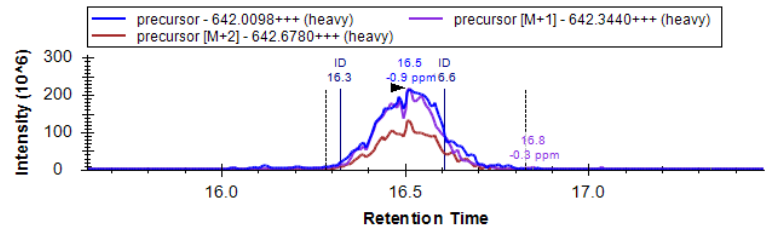
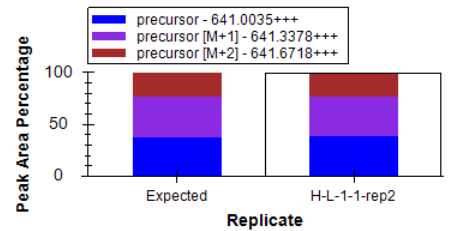
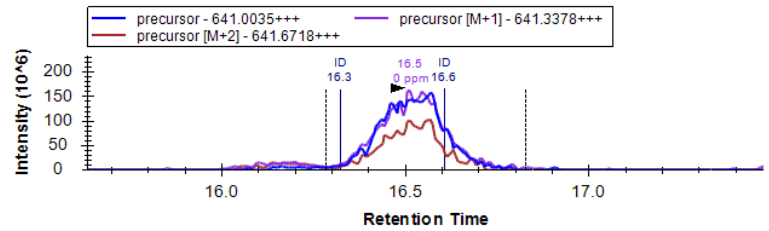
[\[click\]](#) to move table

Static Modifications:  
C: 57.02146  
M: 3.0189

Variable Modifications:  
K: 17.0346

# eEF1A

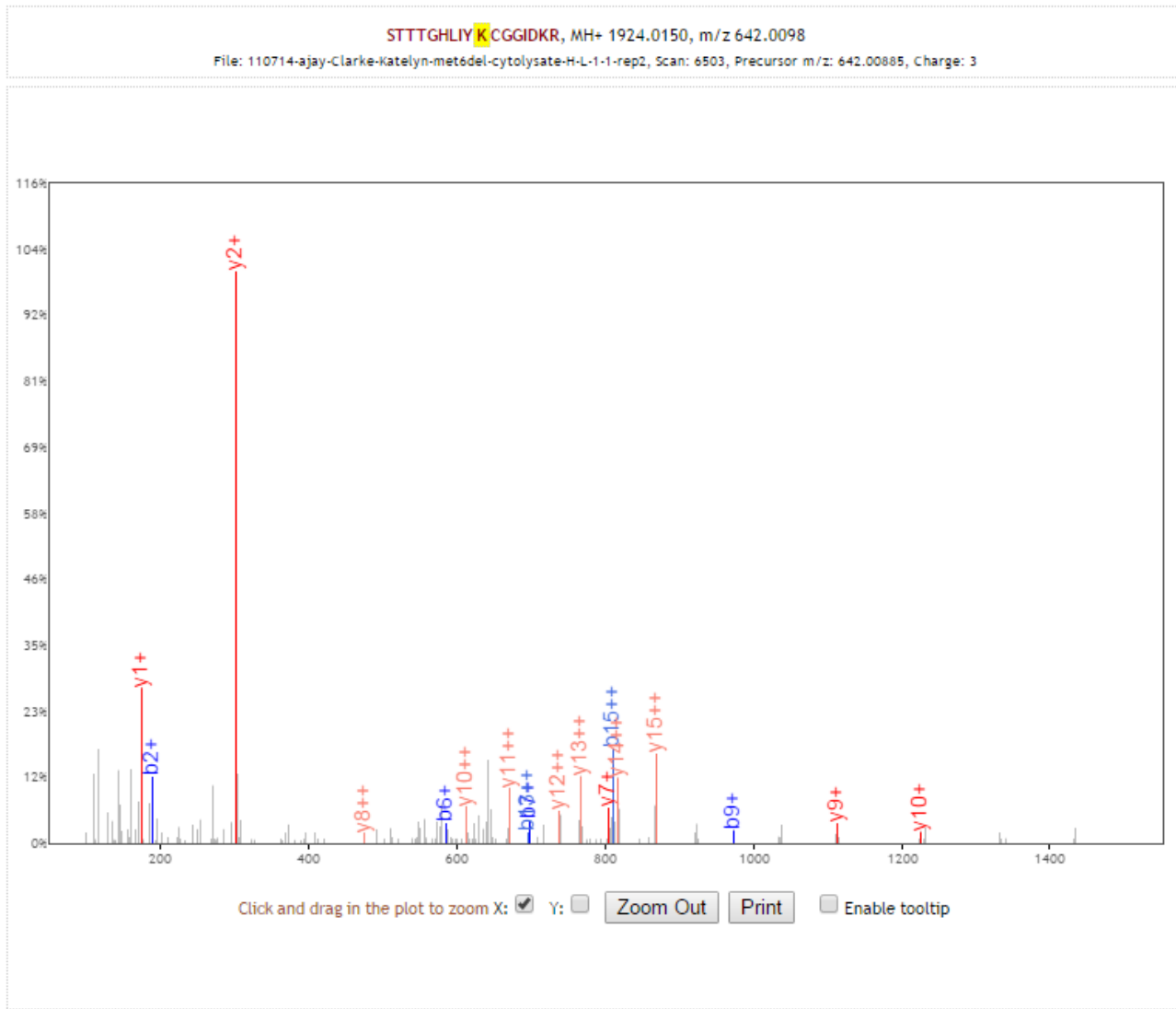
K.STTTGHLIYmono**K**CGGIDKR.T [20, 36] (missed 2)



Replicate 2

# eEF1A

## K.STTTGHLIYmonoKCGGIDKR.T [20, 36] (missed 2)



b+	b2+	#	Seq #	y+	y2+
88.0393	44.5233	1	S 17		
<b>189.0870</b>	95.0471	2	T 16	1836.9829	918.9951
290.1347	145.5710	3	T 15	1735.9352	<b>868.4713</b>
391.1823	196.0948	4	T 14	1634.8876	<b>817.9474</b>
448.2038	224.6055	5	G 13	1533.8399	<b>767.4236</b>
<b>585.2627</b>	293.1350	6	H 12	1476.8184	<b>738.9129</b>
<b>698.3468</b>	349.6770	7	L 11	1339.7595	<b>670.3834</b>
811.4308	406.2191	8	I 10	<b>1226.6754</b>	<b>613.8414</b>
<b>974.4942</b>	487.7507	9	Y 9	<b>1113.5914</b>	557.2993
1119.6237	560.3155	10	<b>K 8</b>	950.5281	<b>475.7677</b>
1279.6544	640.3308	11	C 7	<b>805.3985</b>	403.2029
1336.6758	668.8416	12	G 6	645.3678	323.1876
1393.6973	<b>697.3523</b>	13	G 5	588.3464	294.6768
1506.7814	753.8943	14	I 4	531.3249	266.1661
1621.8083	<b>811.4078</b>	15	D 3	418.2409	209.6241
1749.9033	875.4553	16	K 2	<b>303.2139</b>	152.1106
		17	R 1	<b>175.1190</b>	88.0631

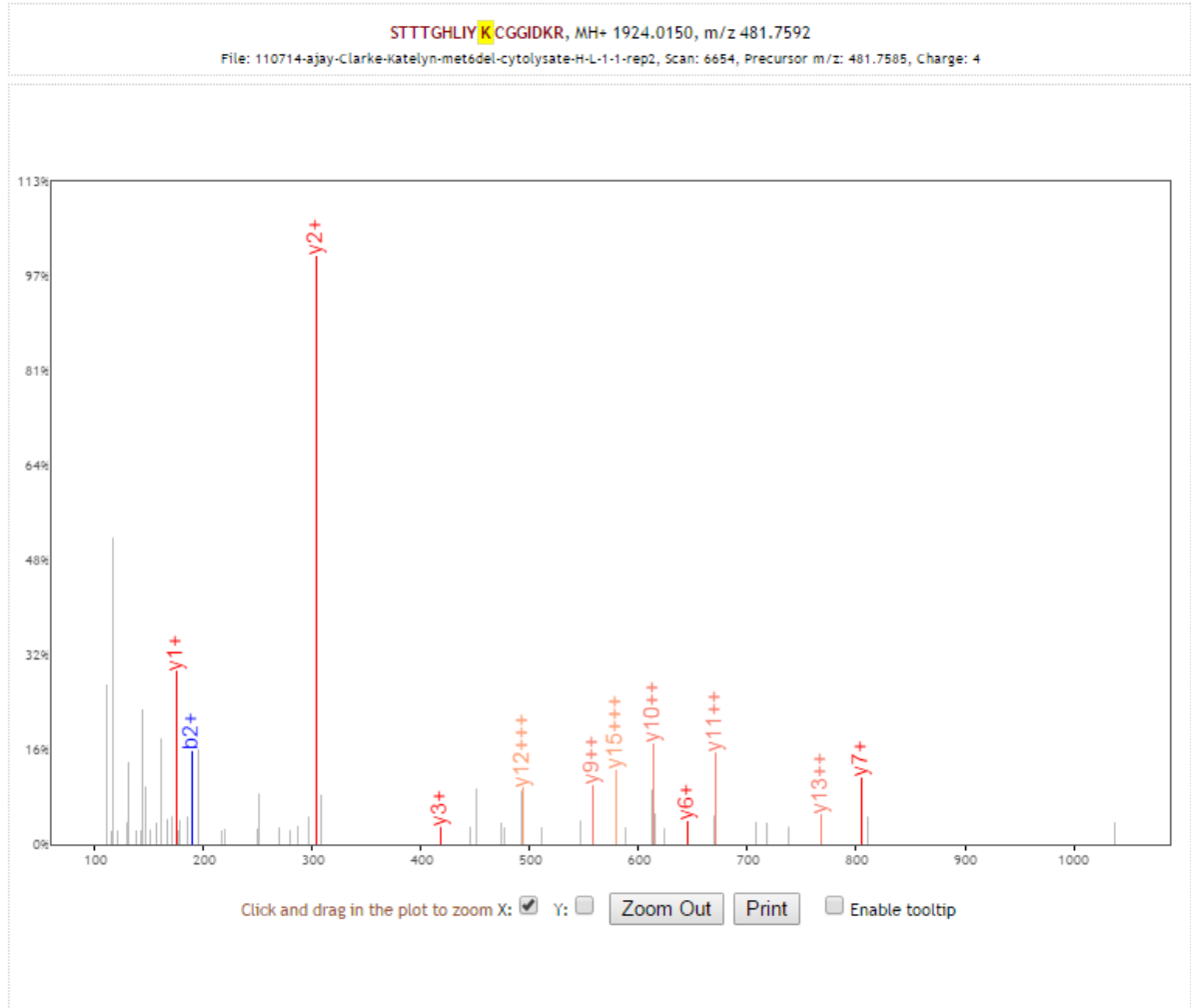
[\[Click\]](#) to move table

Static Modifications:  
 C: 57.02146  
 M: 3.0189

Variable Modifications:  
 K: 17.0346

# eEF1A

## K.STTTGHLIYmono**K**CGGIDKR.T [20, 36] (missed 2)



b+	b2+	b3+	#	Seq #	y+	y2+	y3+
88.0393	44.5233	30.0180	1	S 17			
<b>189.0870</b>	95.0471	63.7005	2	T 16	1836.9829	918.9951	612.9992
290.1347	145.5710	97.3831	3	T 15	1735.9352	868.4713	<b>579.3166</b>
391.1823	196.0948	131.0656	4	T 14	1634.8876	817.9474	545.6340
448.2038	224.6055	150.0728	5	G 13	1533.8399	<b>767.4236</b>	511.9515
585.2627	293.1350	195.7591	6	H 12	1476.8184	738.9129	<b>492.9443</b>
698.3468	349.6770	233.4538	7	L 11	1339.7595	<b>670.3834</b>	447.2580
811.4308	406.2191	271.1485	8	I 10	1226.6754	<b>613.8414</b>	409.5633
974.4942	487.7507	325.5029	9	Y 9	1113.5914	<b>557.2993</b>	371.8686
1119.6237	560.3155	373.8794	10	<b>K</b> 8	950.5281	475.7677	317.5142
1279.6544	640.3308	427.2230	11	C 7	<b>805.3985</b>	403.2029	269.1377
1336.6758	668.8416	446.2301	12	G 6	<b>645.3678</b>	323.1876	215.7941
1393.6973	697.3523	465.2373	13	G 5	588.3464	294.6768	196.7870
1506.7814	753.8943	502.9320	14	I 4	531.3249	266.1661	177.7798
1621.8083	811.4078	541.2743	15	D 3	<b>418.2409</b>	209.6241	140.0851
1749.9033	875.4553	583.9726	16	K 2	<b>303.2139</b>	152.1106	101.7428
			17	R 1	<b>175.1190</b>	88.0631	59.0445

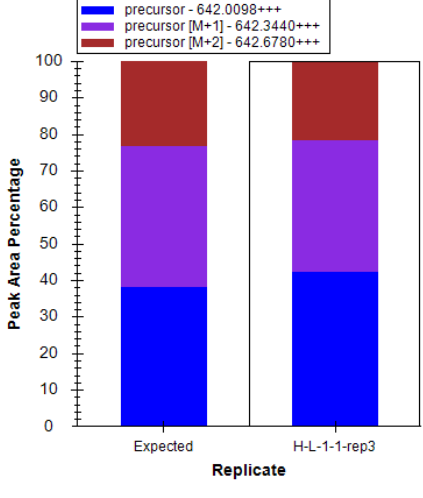
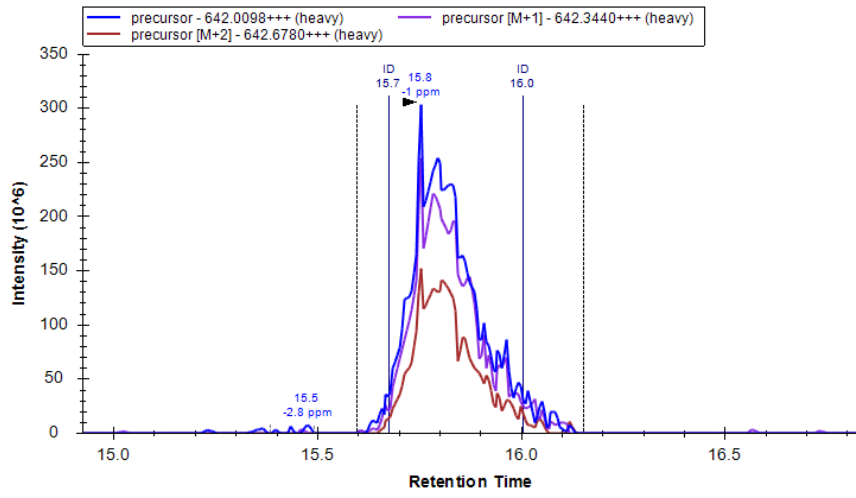
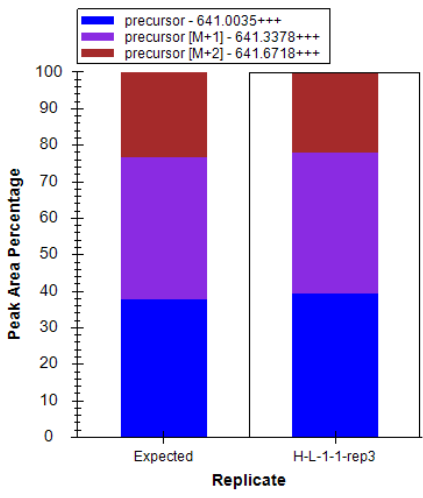
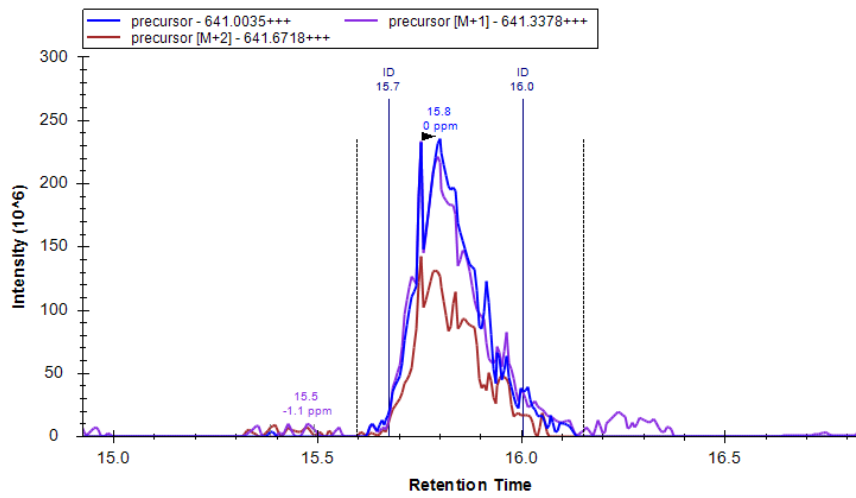
[\[click\]](#) to move table

Static Modifications:  
 C: 57.02146  
 M: 3.0189

Variable Modifications:  
 K: 17.0346

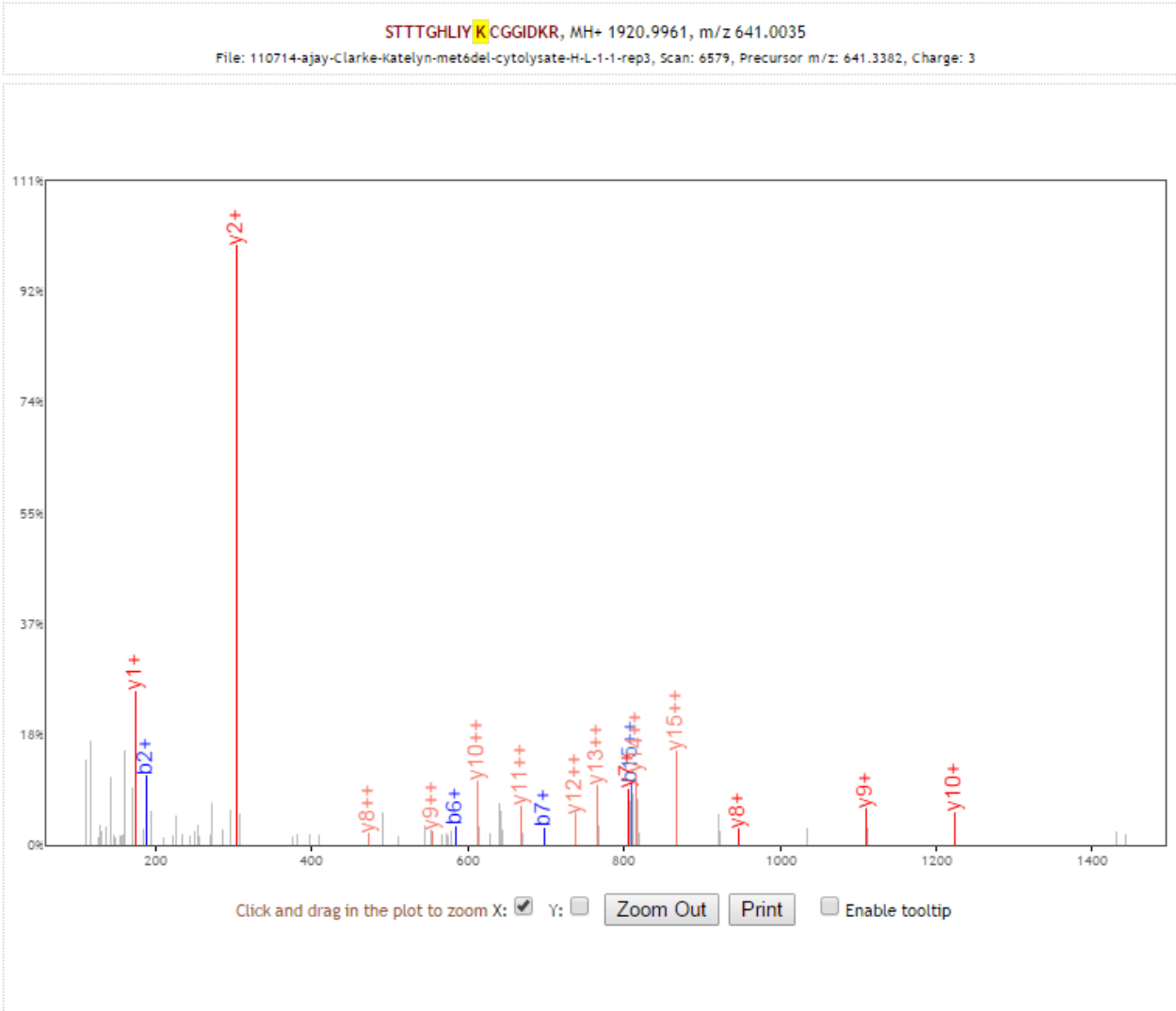
# eEF1A

## K.STTTGHLIYmono**K**CGGIDKR.T [20, 36] (missed 2)



# eEF1A

## K.STTTGHLIYmonoKCGGIDKR.T [20, 36] (missed 2)

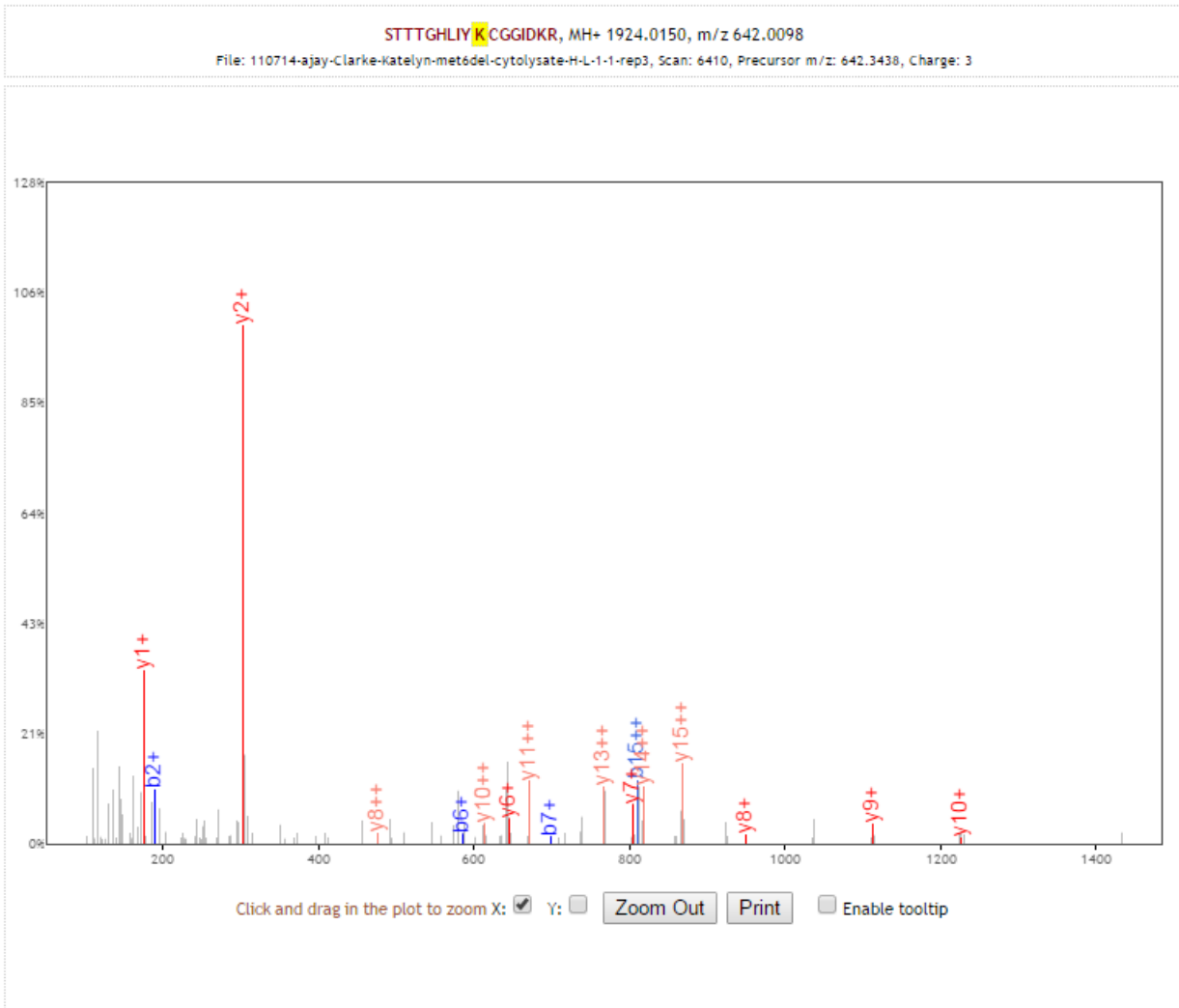


b+	b2+	#	Seq	#	y+	y2+
88.0393	44.5233	1	S	17		
<b>189.0870</b>	95.0471	2	T	16	1833.9640	917.4857
290.1347	145.5710	3	T	15	1732.9163	866.9618
391.1823	196.0948	4	T	14	1631.8687	816.4380
448.2038	224.6055	5	G	13	1530.8210	765.9141
<b>585.2627</b>	293.1350	6	H	12	1473.7995	737.4034
<b>698.3468</b>	349.6770	7	L	11	1336.7406	668.8739
811.4308	406.2191	8	I	10	1223.6565	612.3319
974.4942	487.7507	9	Y	9	1110.5725	555.7899
1116.6048	558.8061	10	K	8	947.5092	474.2582
1276.6355	638.8214	11	C	7	805.3985	403.2029
1333.6569	667.3321	12	G	6	645.3678	323.1876
1390.6784	695.8428	13	G	5	588.3464	294.6768
1503.7625	752.3849	14	I	4	531.3249	266.1661
1618.7894	<b>809.8983</b>	15	D	3	418.2409	209.6241
1746.8844	873.9458	16	K	2	303.2139	152.1106
		17	R	1	<b>175.1190</b>	88.0631

[\[click\]](#) to move table  
 Static Modifications:  
 C: 57.02146  
 Variable Modifications:  
 K: 14.0157

# eEF1A

## K.STTTGHLIYmono**K**CGGIDKR.T [20, 36] (missed 2)



b+	b2+	#	Seq	#	y+	y2+
88.0393	44.5233	1	S	17		
<b>189.0870</b>	95.0471	2	T	16	1836.9829	918.9951
290.1347	145.5710	3	T	15	1735.9352	<b>868.4713</b>
391.1823	196.0948	4	T	14	1634.8876	<b>817.9474</b>
448.2038	224.6055	5	G	13	1533.8399	<b>767.4236</b>
<b>585.2627</b>	293.1350	6	H	12	1476.8184	738.9129
<b>698.3468</b>	349.6770	7	L	11	1339.7595	<b>670.3834</b>
811.4308	406.2191	8	I	10	<b>1226.6754</b>	<b>613.8414</b>
974.4942	487.7507	9	Y	9	<b>1113.5914</b>	557.2993
1119.6237	560.3155	10	<b>K</b>	8	<b>950.5281</b>	<b>475.7677</b>
1279.6544	640.3308	11	C	7	<b>805.3985</b>	403.2029
1336.6758	668.8416	12	G	6	<b>645.3678</b>	323.1876
1393.6973	697.3523	13	G	5	588.3464	294.6768
1506.7814	753.8943	14	I	4	531.3249	266.1661
1621.8083	<b>811.4078</b>	15	D	3	418.2409	209.6241
1749.9033	875.4553	16	K	2	<b>303.2139</b>	152.1106
		17	R	1	<b>175.1190</b>	88.0631

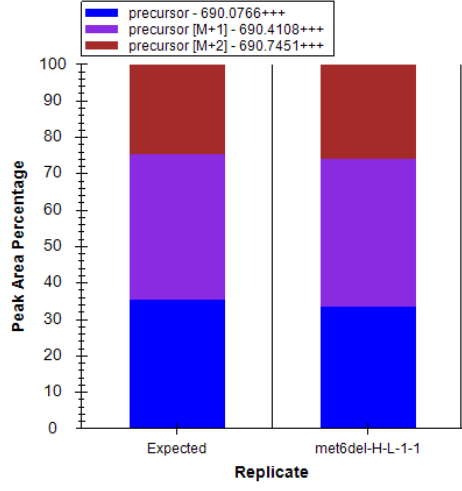
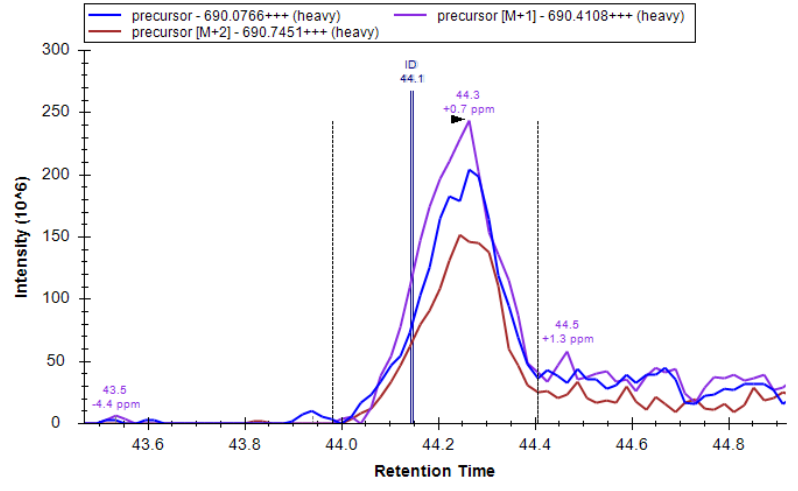
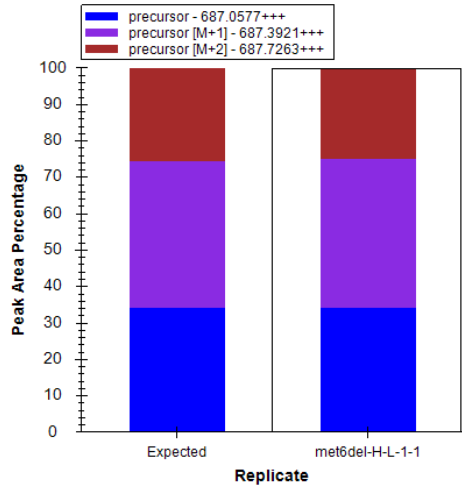
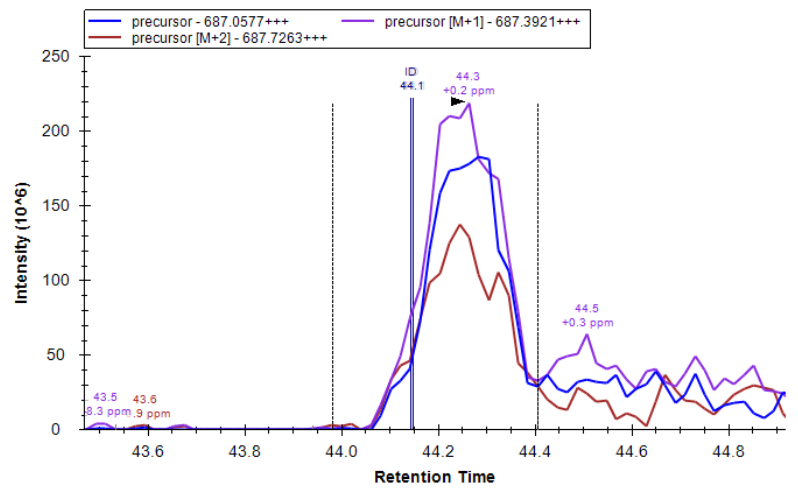
[\[Click\]](#) to move table

Static Modifications:  
 C: 57.02146  
 M: 3.0189

Variable Modifications:  
 K: 17.0346

# eEF1A

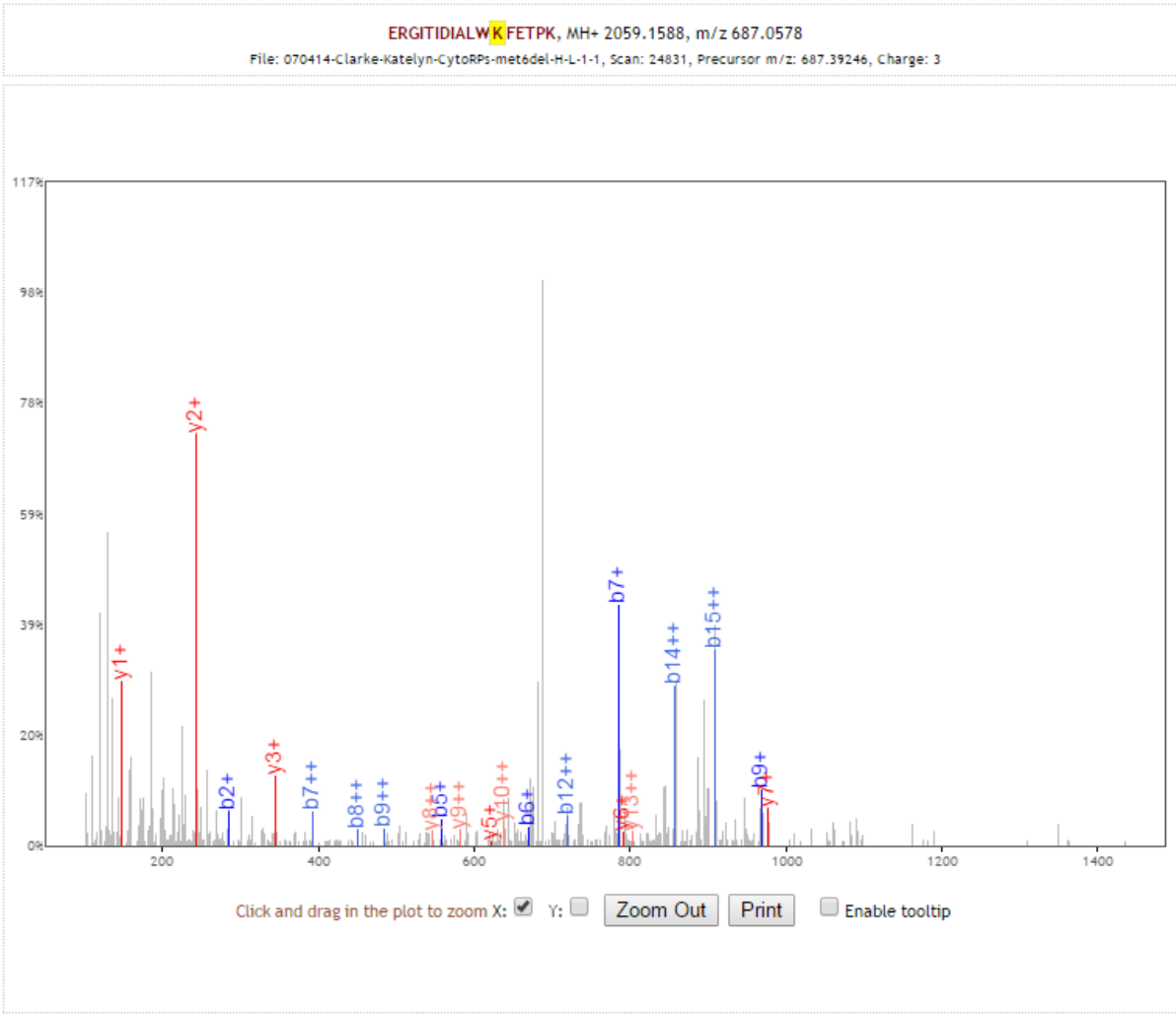
## R.ERGITIDIALWtri**K**FETPK.Y [67, 83] (missed 2)





# eEF1A

## R.ERGITIDIALWtri**K**FETPK.Y [67, 83] (missed 2)



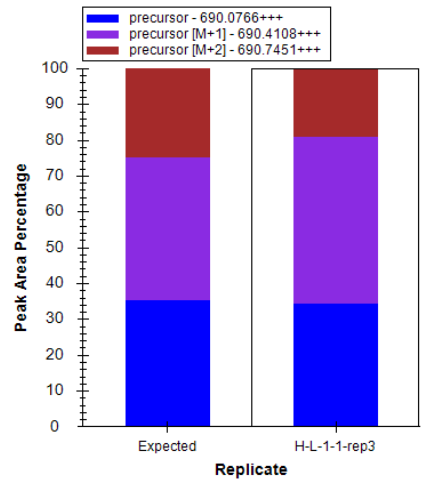
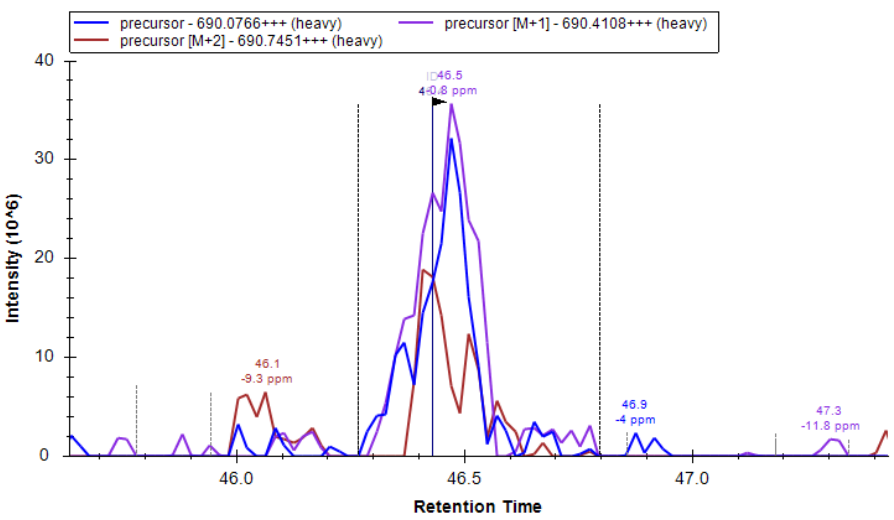
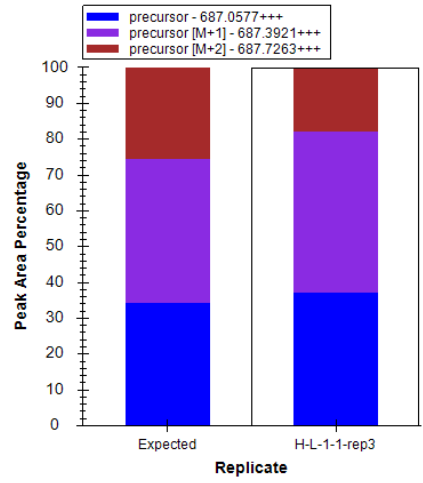
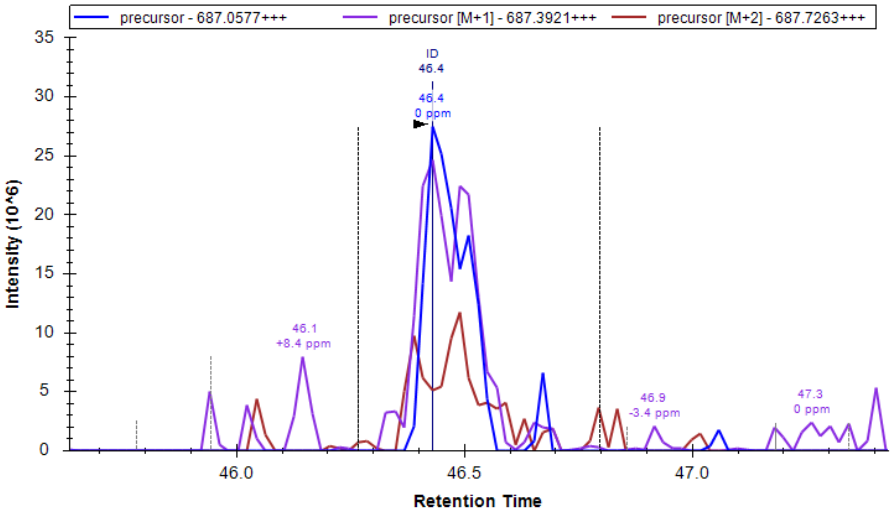
b+	b2+	#	Seq #	y+	y2+
130.0499	65.5286	1	E 17		
<b>286.1510</b>	143.5791	2	R 16	1930.1162	965.5617
343.1724	172.0899	3	G 15	1774.0151	887.5112
456.2565	228.6319	4	I 14	1716.9936	859.0004
<b>557.3042</b>	279.1557	5	T 13	1603.9096	<b>802.4584</b>
<b>670.3883</b>	335.6978	6	I 12	1502.8619	751.9346
<b>785.4152</b>	393.2112	7	D 11	1389.7778	695.3925
898.4993	449.7533	8	I 10	1274.7509	<b>637.8791</b>
<b>969.5364</b>	485.2718	9	A 9	1161.6668	<b>581.3370</b>
1082.6204	541.8139	10	L 8	1090.6297	<b>545.8185</b>
1268.6997	634.8535	11	W 7	<b>977.5456</b>	489.2765
1438.8418	719.9245	12	<b>K</b> 6	<b>791.4663</b>	396.2368
1585.9102	793.4588	13	F 5	<b>621.3243</b>	311.1658
1714.9528	857.9800	14	E 4	474.2558	237.6316
1816.0005	908.5039	15	T 3	<b>345.2132</b>	173.1103
1913.0533	957.0303	16	P 2	<b>244.1656</b>	122.5864
		17	K 1	<b>147.1128</b>	74.0600

[\[Click\]](#) to move table  
 Static Modifications:  
 C: 57.02146  
 Variable Modifications:  
 K: 42.0471



# eEF1A

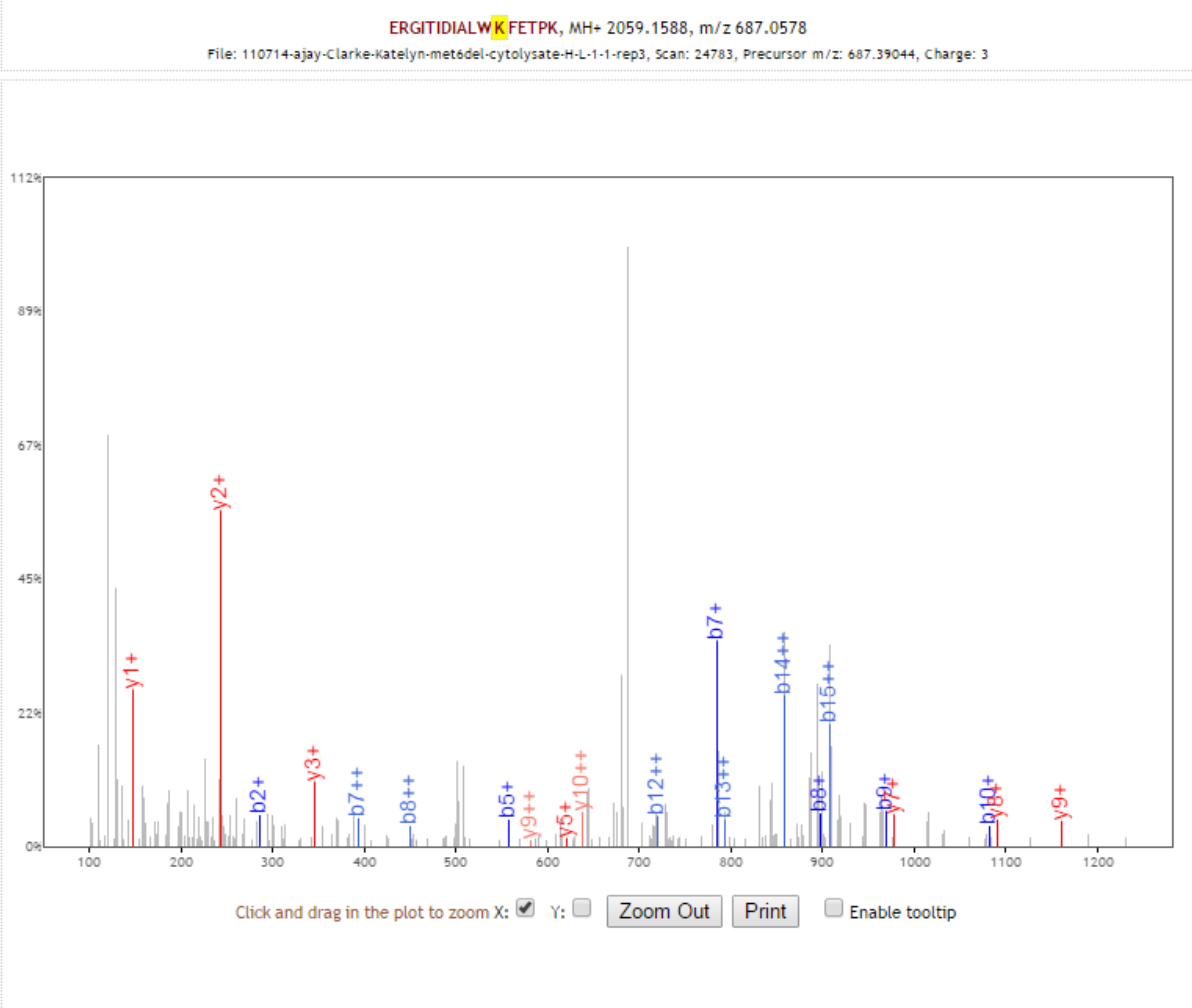
## R.ERGITIDIALWtriKFETPK.Y [67, 83] (missed 2)



Replicate 3

# eEF1A

## R.ERGITIDIALWtri**K**FETPK.Y [67, 83] (missed 2)



b+	b2+	#	Seq #	y+	y2+
130.0499	65.5286	1	E 17		
<b>286.1510</b>	143.5791	2	R 16	1930.1162	965.5617
343.1724	172.0899	3	G 15	1774.0151	887.5112
456.2565	228.6319	4	I 14	1716.9936	859.0004
<b>557.3042</b>	279.1557	5	T 13	1603.9096	802.4584
670.3883	335.6978	6	I 12	1502.8619	751.9346
<b>785.4152</b>	<b>393.2112</b>	7	D 11	1389.7778	695.3925
898.4993	449.7533	8	I 10	1274.7509	<b>637.8791</b>
<b>969.5364</b>	485.2718	9	A 9	<b>1161.6668</b>	<b>581.3370</b>
<b>1082.6204</b>	541.8139	10	L 8	<b>1090.6297</b>	545.8185
1268.6997	634.8535	11	W 7	<b>977.5456</b>	489.2765
1438.8418	<b>719.9245</b>	12	<b>K</b> 6	791.4663	396.2368
1585.9102	<b>793.4588</b>	13	F 5	<b>621.3243</b>	311.1658
1714.9528	<b>857.9800</b>	14	E 4	474.2558	237.6316
1816.0005	<b>908.5039</b>	15	T 3	<b>345.2132</b>	173.1103
1913.0533	957.0303	16	P 2	<b>244.1656</b>	122.5864
		17	K 1	<b>147.1128</b>	74.0600

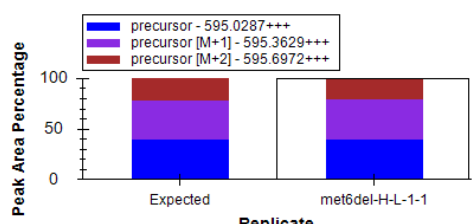
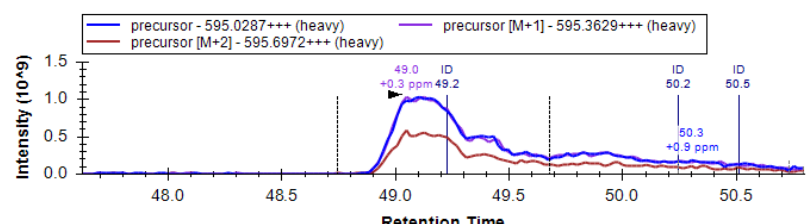
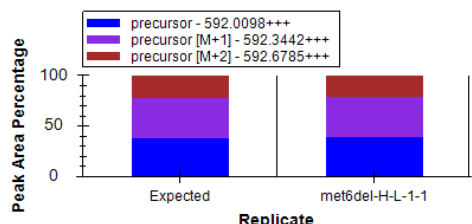
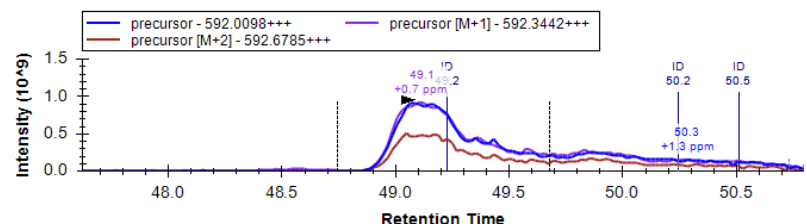
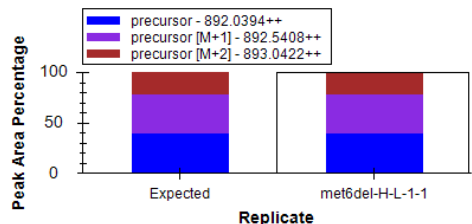
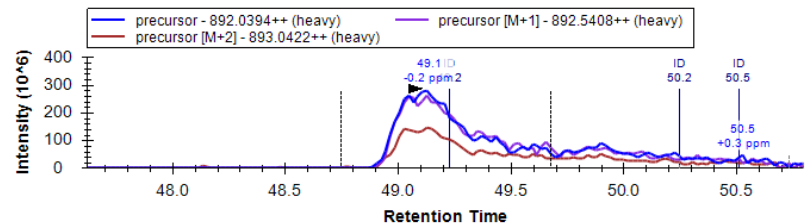
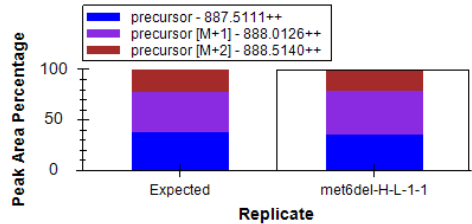
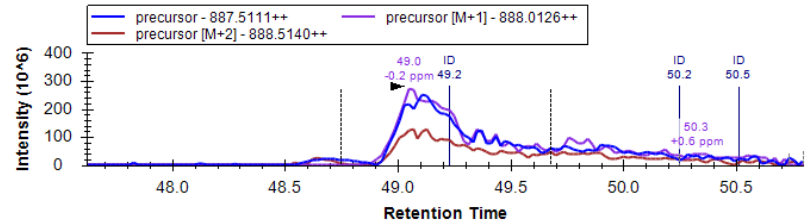
[Click] to move table

Static Modifications:  
C: 57.02146

Variable Modifications:  
K: 42.0471

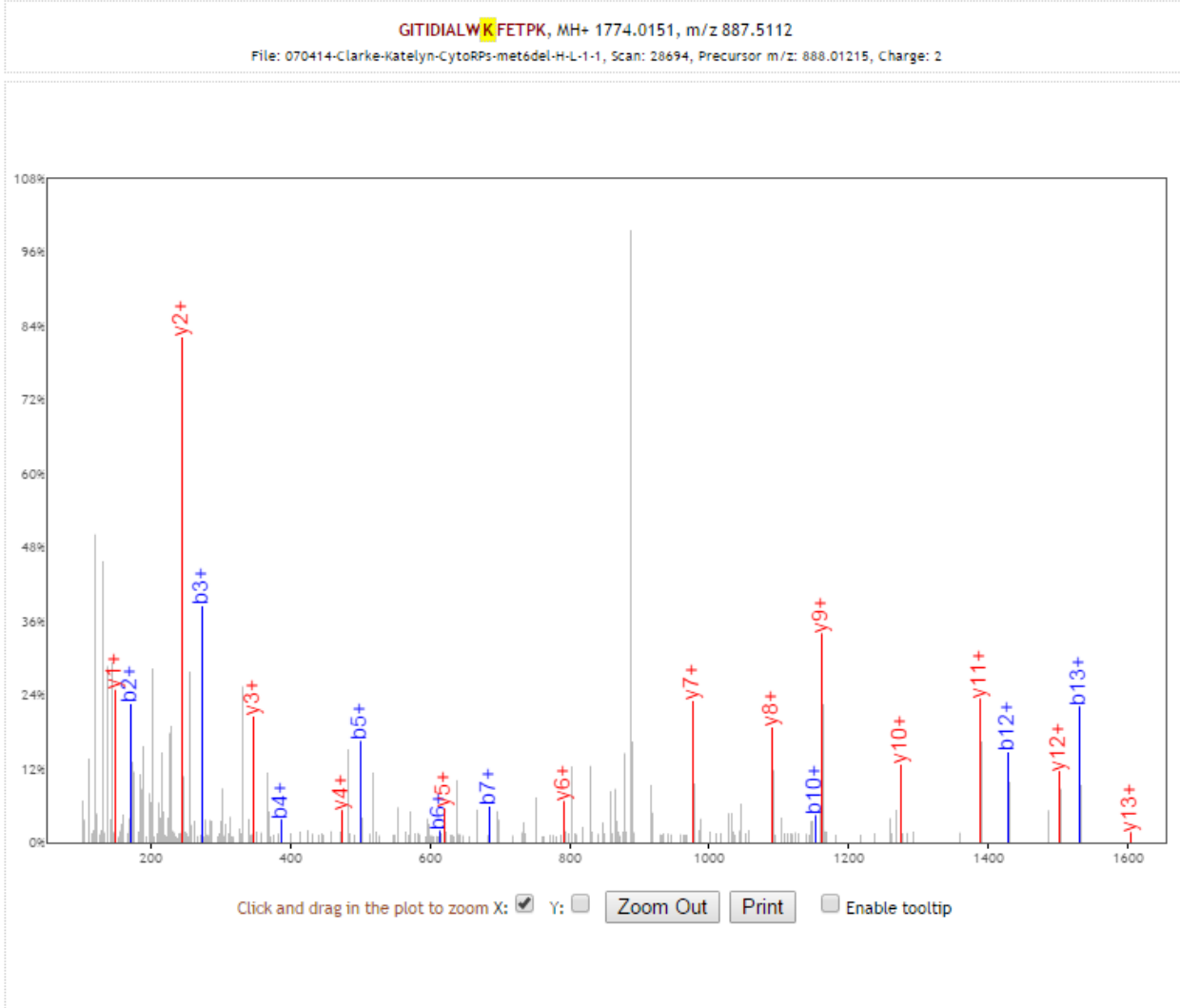
# eEF1A

## R.GITIDIALWtriKFETPK.Y [69, 83] (missed 1)



# eEF1A

## R.GITIDIALWtri**K**FETPK.Y [69, 83] (missed 1)



b+	#	Seq #	y+
58.0287	1	G 15	
171.1128	2	I 14	1716.9936
272.1605	3	T 13	1603.9096
385.2445	4	I 12	1502.8619
500.2715	5	D 11	1389.7778
613.3556	6	I 10	1274.7509
684.3927	7	A 9	1161.6668
797.4767	8	L 8	1090.6297
983.5560	9	W 7	977.5456
1153.6981	10	K 6	791.4663
1300.7665	11	F 5	621.3243
1429.8091	12	E 4	474.2558
1530.8568	13	T 3	345.2132
1627.9096	14	P 2	244.1656
	15	K 1	147.1128

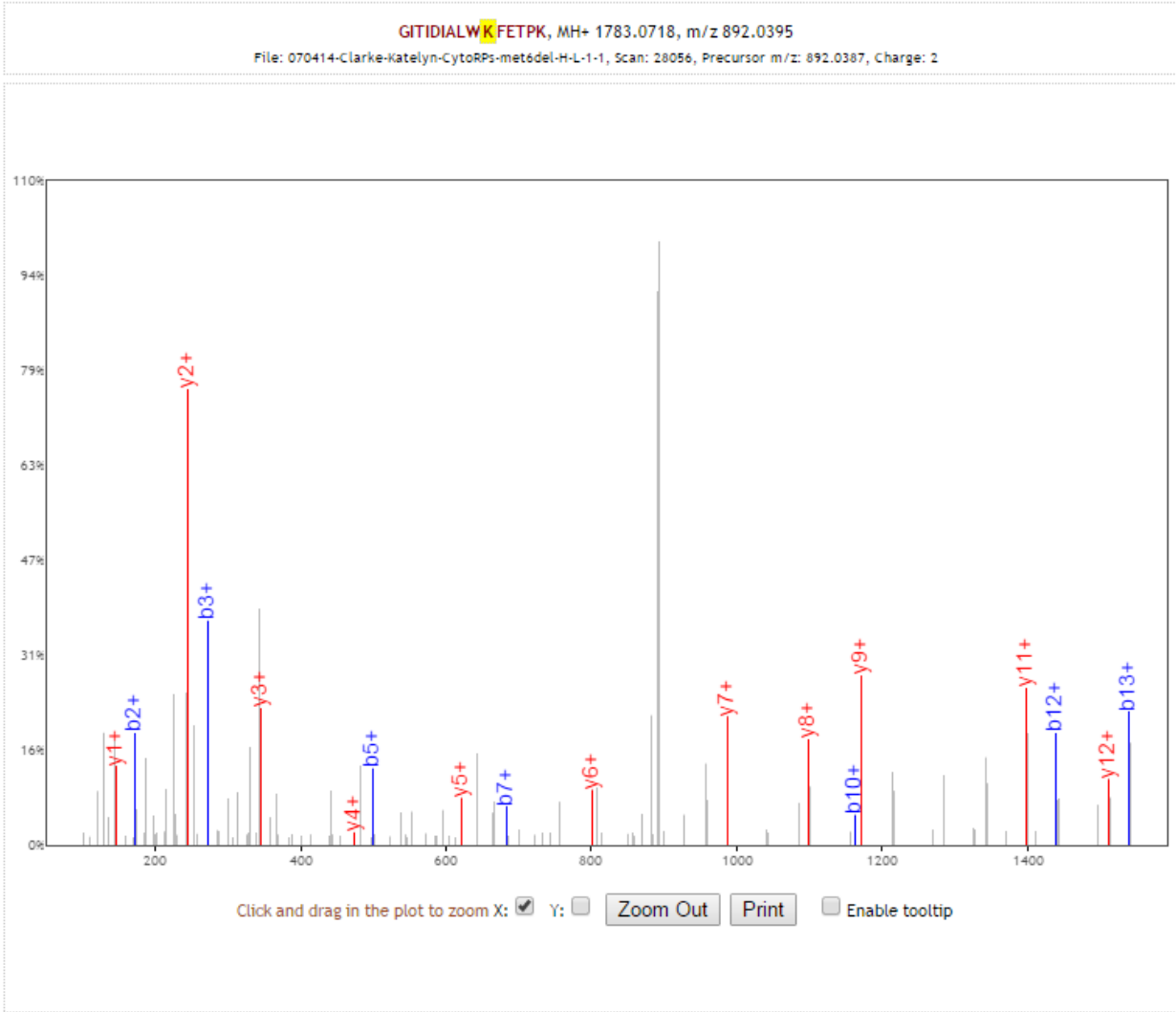
[\[click\]](#) to move table

Static Modifications:  
C: 57.02146

Variable Modifications:  
K: 42.0471

# eEF1A

## R.GITIDIALWtr**K**FETPK.Y [69, 83] (missed 1)



b+	#	Seq #	y+
58.0287	1	G 15	
171.1128	2	I 14	1726.0503
272.1605	3	T 13	1612.9663
385.2445	4	I 12	1511.9186
500.2715	5	D 11	1398.8345
613.3556	6	I 10	1283.8076
684.3927	7	A 9	1170.7235
797.4767	8	L 8	1099.6864
983.5560	9	W 7	986.6023
1162.7548	10	K 6	800.5230
1309.8232	11	F 5	621.3243
1438.8658	12	E 4	474.2558
1539.9135	13	T 3	345.2132
1636.9663	14	P 2	244.1656
	15	K 1	147.1128

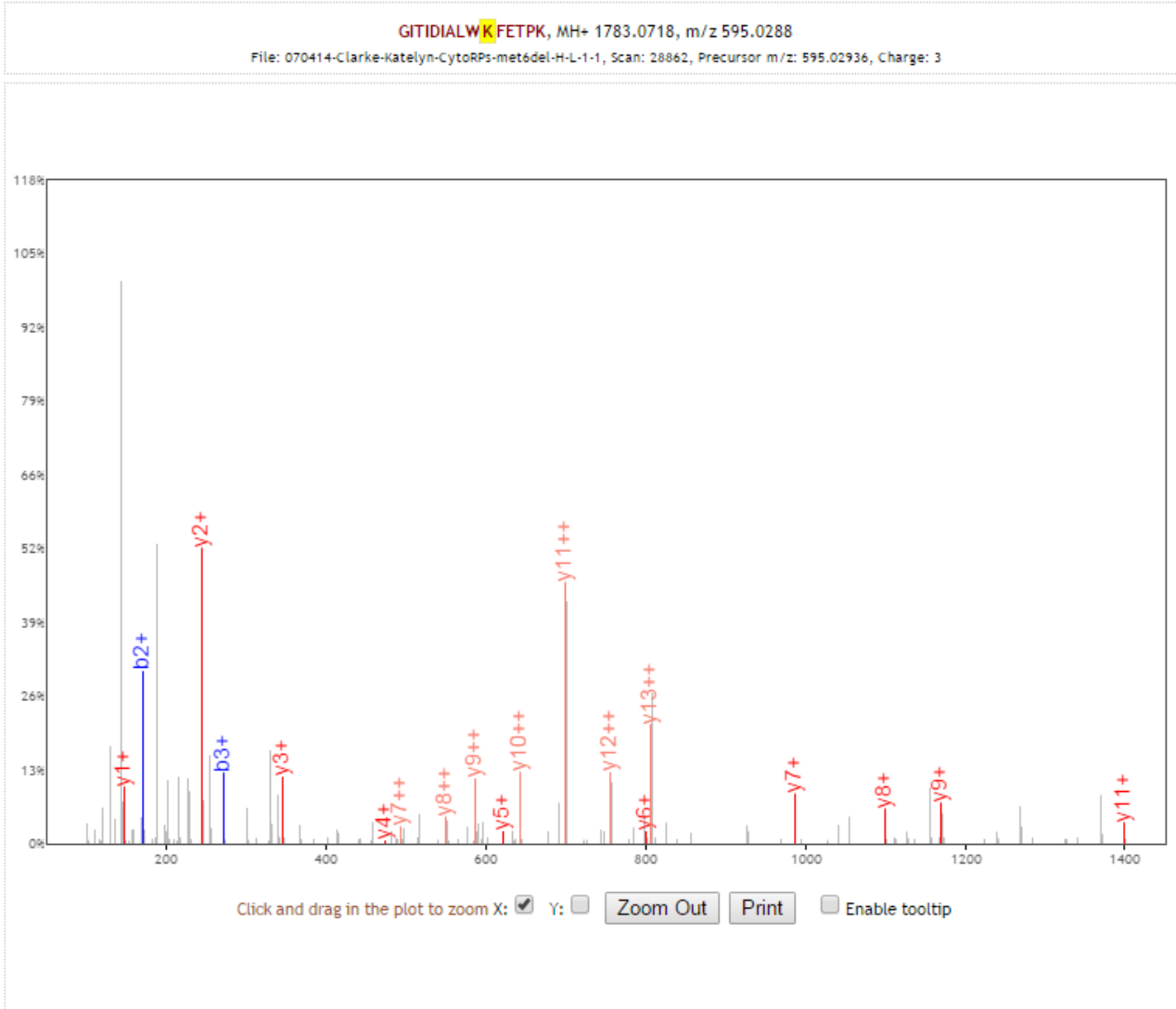
[\[Click\]](#) to move table

Static Modifications:  
 C: 57.02146  
 M: 3.0189

Variable Modifications:  
 K: 51.1038

# eEF1A

## R.GITIDIALWtri**K**FETPK.Y [69, 83] (missed 1)



b+	b2+	#	Seq #	y+	y2+
58.0287	29.5180	1	G 15		
<b>171.1128</b>	86.0600	2	I 14	1726.0503	863.5288
<b>272.1605</b>	136.5839	3	T 13	1612.9663	<b>806.9868</b>
385.2445	193.1259	4	I 12	1511.9186	<b>756.4629</b>
500.2715	250.6394	5	D 11	<b>1398.8345</b>	<b>699.9209</b>
613.3556	307.1814	6	I 10	1283.8076	<b>642.4074</b>
684.3927	342.7000	7	A 9	<b>1170.7235</b>	<b>585.8654</b>
797.4767	399.2420	8	L 8	<b>1099.6864</b>	<b>550.3468</b>
983.5560	492.2817	9	W 7	<b>986.6023</b>	<b>493.8048</b>
1162.7548	581.8810	10	K 6	<b>800.5230</b>	<b>400.7651</b>
1309.8232	655.4152	11	F 5	<b>621.3243</b>	<b>311.1658</b>
1438.8658	719.9365	12	E 4	<b>474.2558</b>	<b>237.6316</b>
1539.9135	770.4604	13	T 3	<b>345.2132</b>	<b>173.1103</b>
1636.9663	818.9868	14	P 2	<b>244.1656</b>	<b>122.5864</b>
		15	K 1	<b>147.1128</b>	<b>74.0600</b>

[\[Click\]](#) to move table

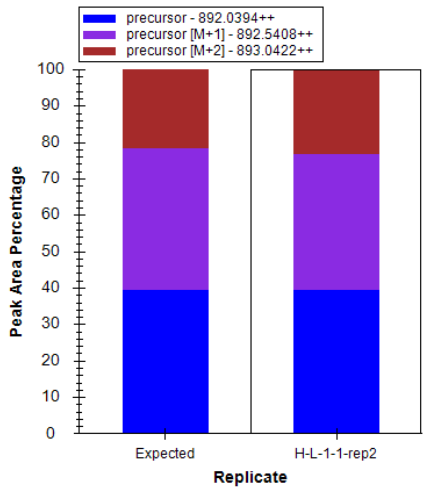
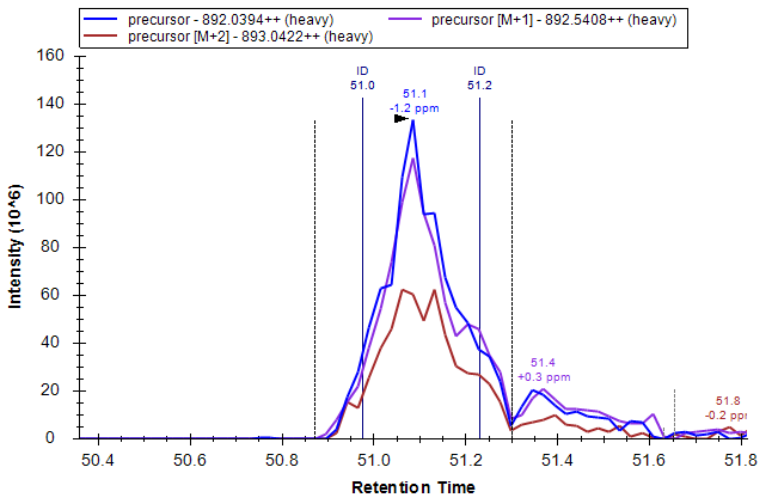
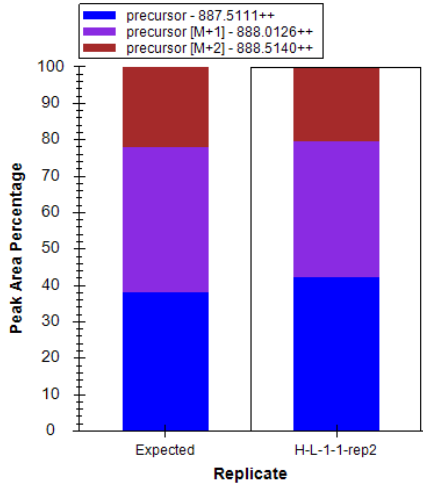
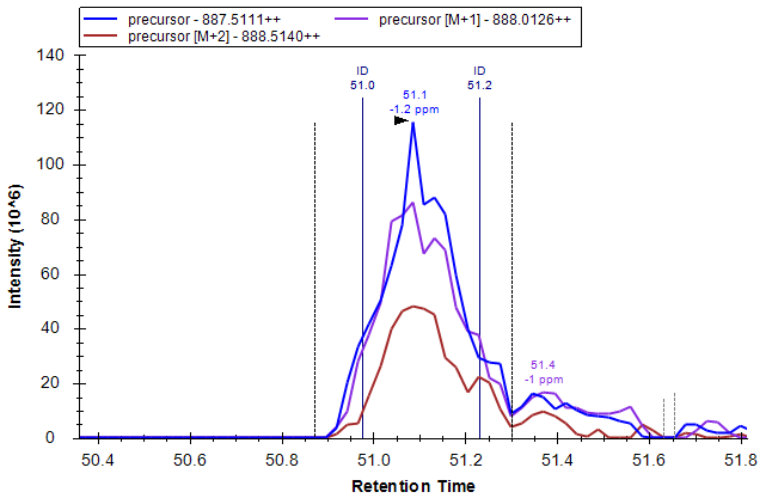
Static Modifications:  
 C: 57.02146  
 M: 3.0189

Variable Modifications:  
 K: 51.1038



# eEF1A

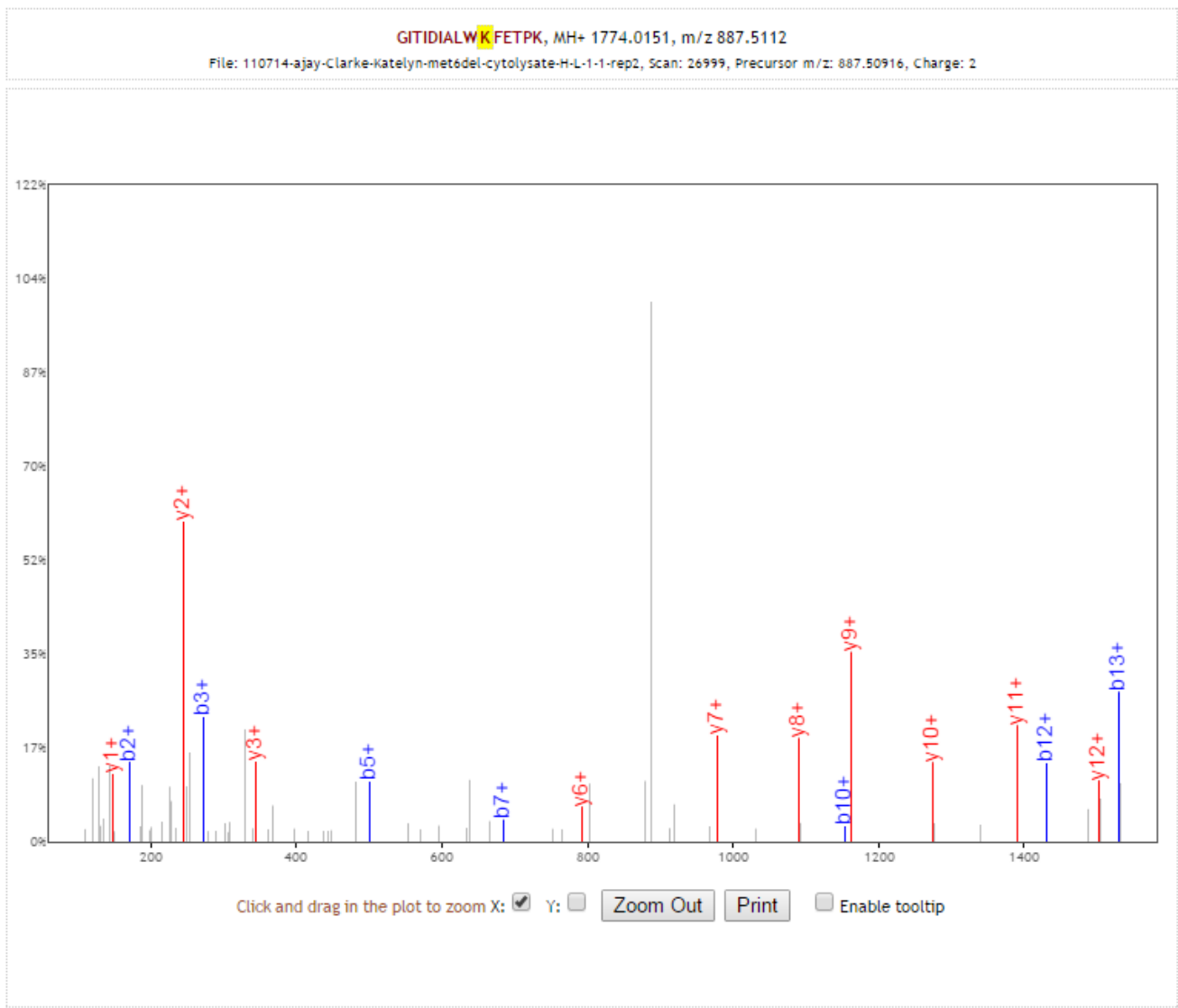
## R.GITIDIALWtriKFETPK.Y [69, 83] (missed 1)



Replicate 2

# eEF1A

## R.GITIDIALWtriKFETPK.Y [69, 83] (missed 1)



b+	#	Seq #	y+
58.0287	1	G 15	
171.1128	2	I 14	1716.9936
272.1605	3	T 13	1603.9096
385.2445	4	I 12	1502.8619
500.2715	5	D 11	1389.7778
613.3556	6	I 10	1274.7509
684.3927	7	A 9	1161.6668
797.4767	8	L 8	1090.6297
983.5560	9	W 7	977.5456
1153.6981	10	K 6	791.4663
1300.7665	11	F 5	621.3243
1429.8091	12	E 4	474.2558
1530.8568	13	T 3	345.2132
1627.9096	14	P 2	244.1656
	15	K 1	147.1128

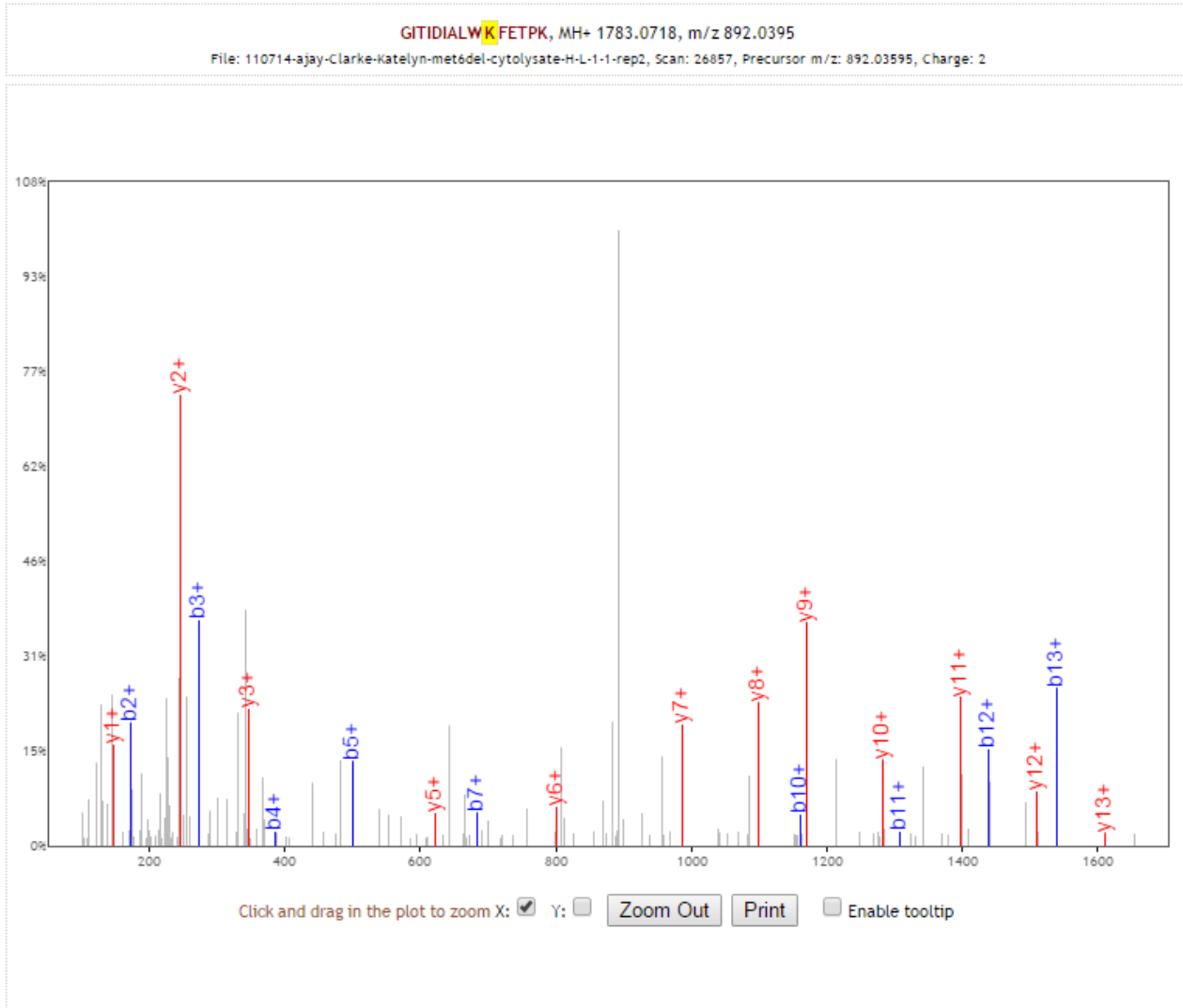
[\[click\]](#) to move table

Static Modifications:  
C: 57.02146

Variable Modifications:  
K: 42.0471

# eEF1A

## R.GITIDIALWtriKFETPK.Y [69, 83] (missed 1)



b+	#	Seq	#	y+
58.0287	1	G	15	
171.1128	2	I	14	1726.0503
272.1605	3	T	13	1612.9663
385.2445	4	I	12	1511.9186
500.2715	5	D	11	1398.8345
613.3556	6	I	10	1283.8076
684.3927	7	A	9	1170.7235
797.4767	8	L	8	1099.6864
983.5560	9	W	7	986.6023
1162.7548	10	K	6	800.5230
1309.8232	11	F	5	621.3243
1438.8658	12	E	4	474.2558
1539.9135	13	T	3	345.2132
1636.9663	14	P	2	244.1656
	15	K	1	147.1128

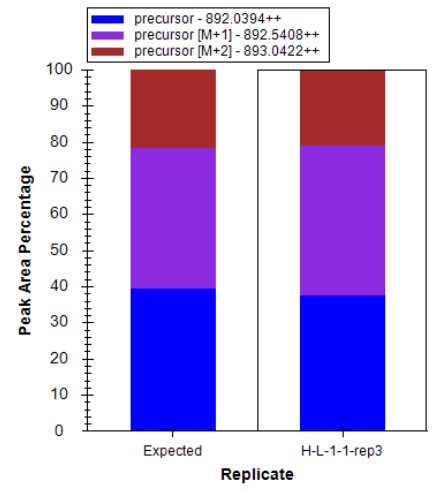
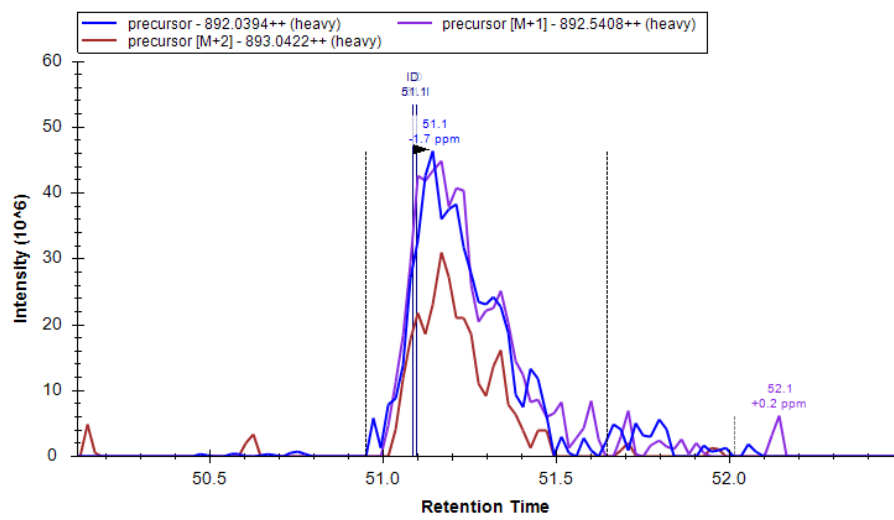
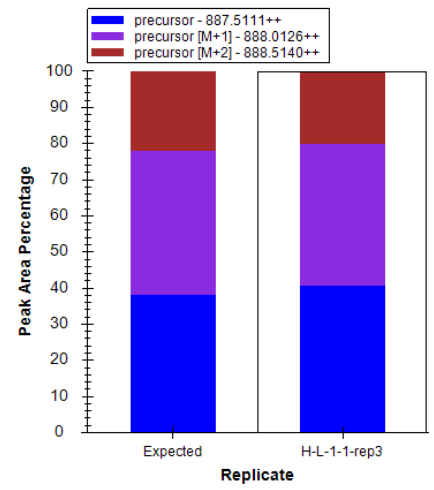
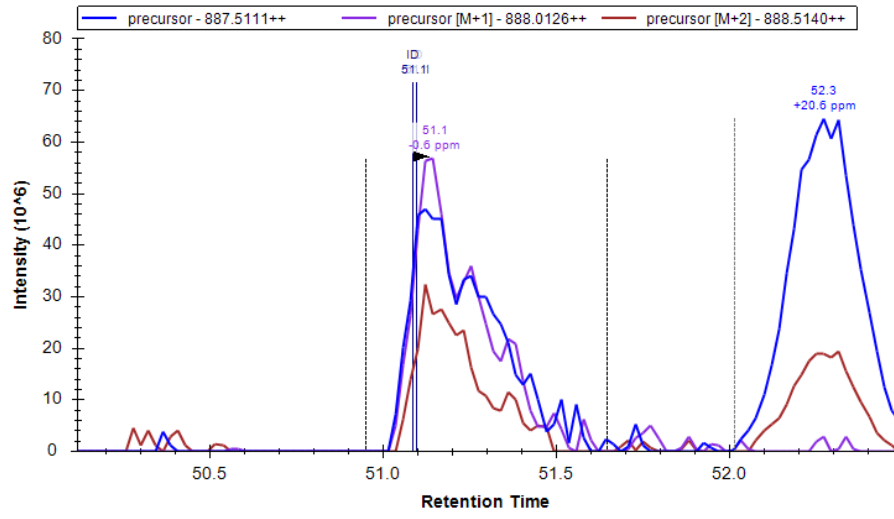
[\[click\]](#) to move table

Static Modifications:  
 C: 57.02146  
 M: 3.0189

Variable Modifications:  
 K: 51.1038

# eEF1A

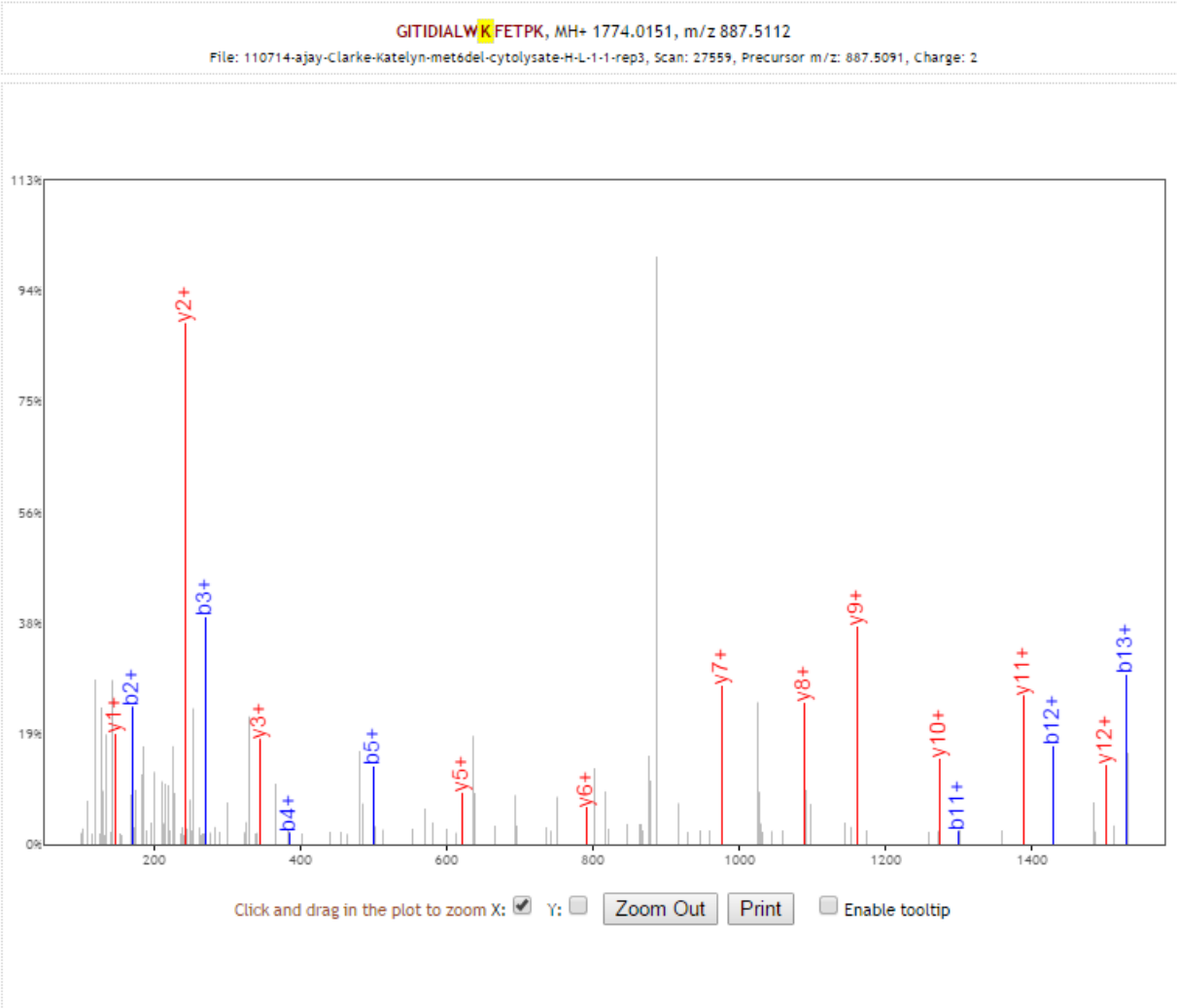
## R.GITIDIALWtriKFETPK.Y [69, 83] (missed 1)



Replicate 3

# eEF1A

## R.GITIDIALWtri**K**FETPK.Y [69, 83] (missed 1)



b+	#	Seq #	y+
58.0287	1	G 15	
171.1128	2	I 14	1716.9936
272.1605	3	T 13	1603.9096
385.2445	4	I 12	1502.8619
500.2715	5	D 11	1389.7778
613.3556	6	I 10	1274.7509
684.3927	7	A 9	1161.6668
797.4767	8	L 8	1090.6297
983.5560	9	W 7	977.5456
1153.6981	10	K 6	791.4663
1300.7665	11	F 5	621.3243
1429.8091	12	E 4	474.2558
1530.8568	13	T 3	345.2132
1627.9096	14	P 2	244.1656
	15	K 1	147.1128

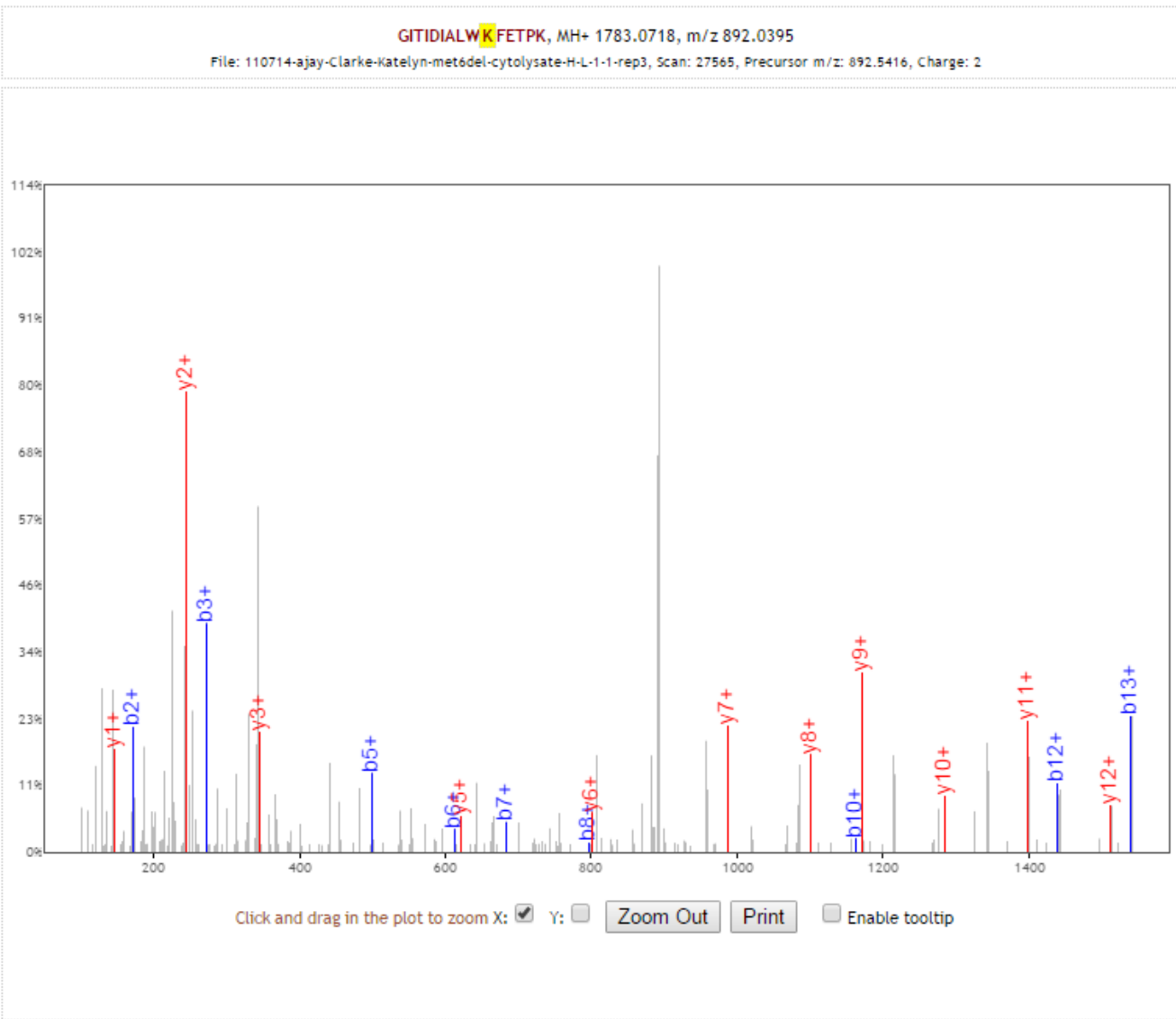
[\[Click\]](#) to move table

Static Modifications:  
 C: 57.02146

Variable Modifications:  
 K: 42.0471

# eEF1A

## R.GITIDIALWtriKFETPK.Y [69, 83] (missed 1)



b+	#	Seq #	y+
58.0287	1	G 15	
171.1128	2	I 14	1726.0503
272.1605	3	T 13	1612.9663
385.2445	4	I 12	1511.9186
500.2715	5	D 11	1398.8345
613.3556	6	I 10	1283.8076
684.3927	7	A 9	1170.7235
797.4767	8	L 8	1099.6864
983.5560	9	W 7	986.6023
1162.7548	10	K 6	800.5230
1309.8232	11	F 5	621.3243
1438.8658	12	E 4	474.2558
1539.9135	13	T 3	345.2132
1636.9663	14	P 2	244.1656
	15	K 1	147.1128

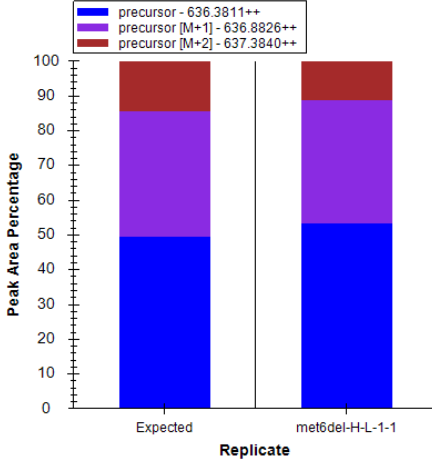
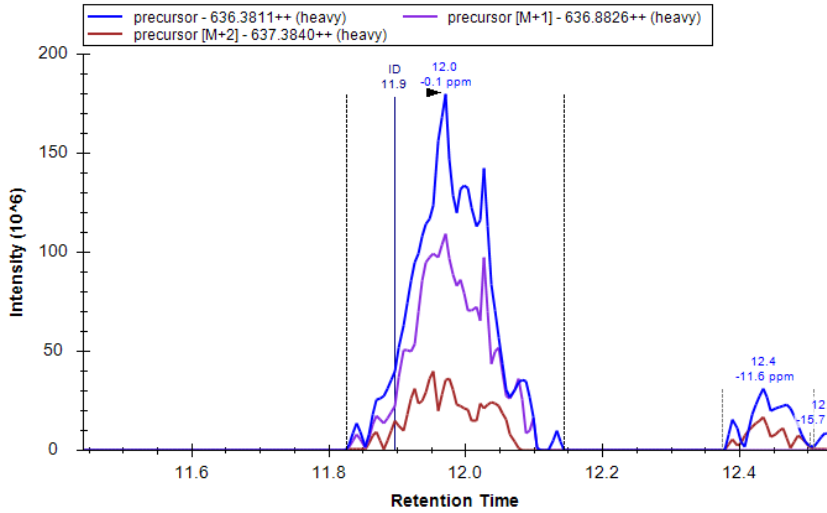
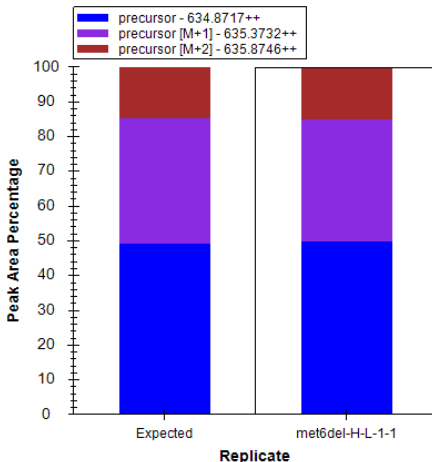
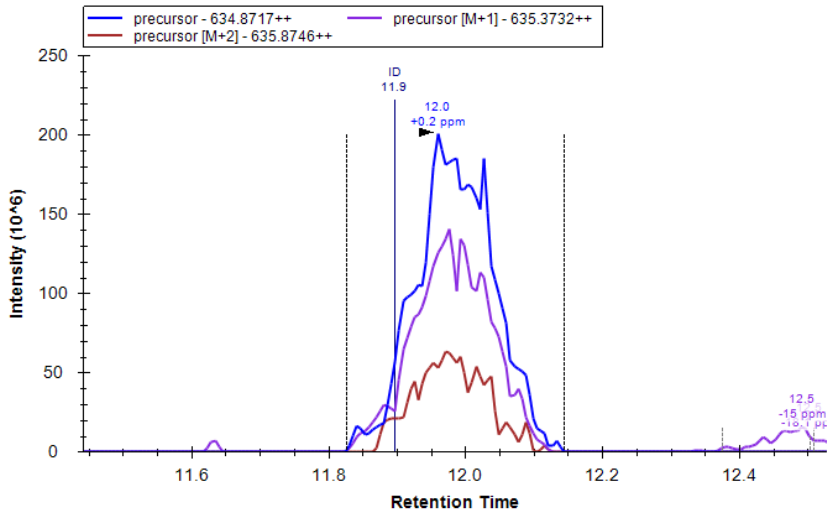
[\[Click\]](#) to move table

Static Modifications:  
 C: 57.02146  
 M: 3.0189

Variable Modifications:  
 K: 51.1038

# eEF1A

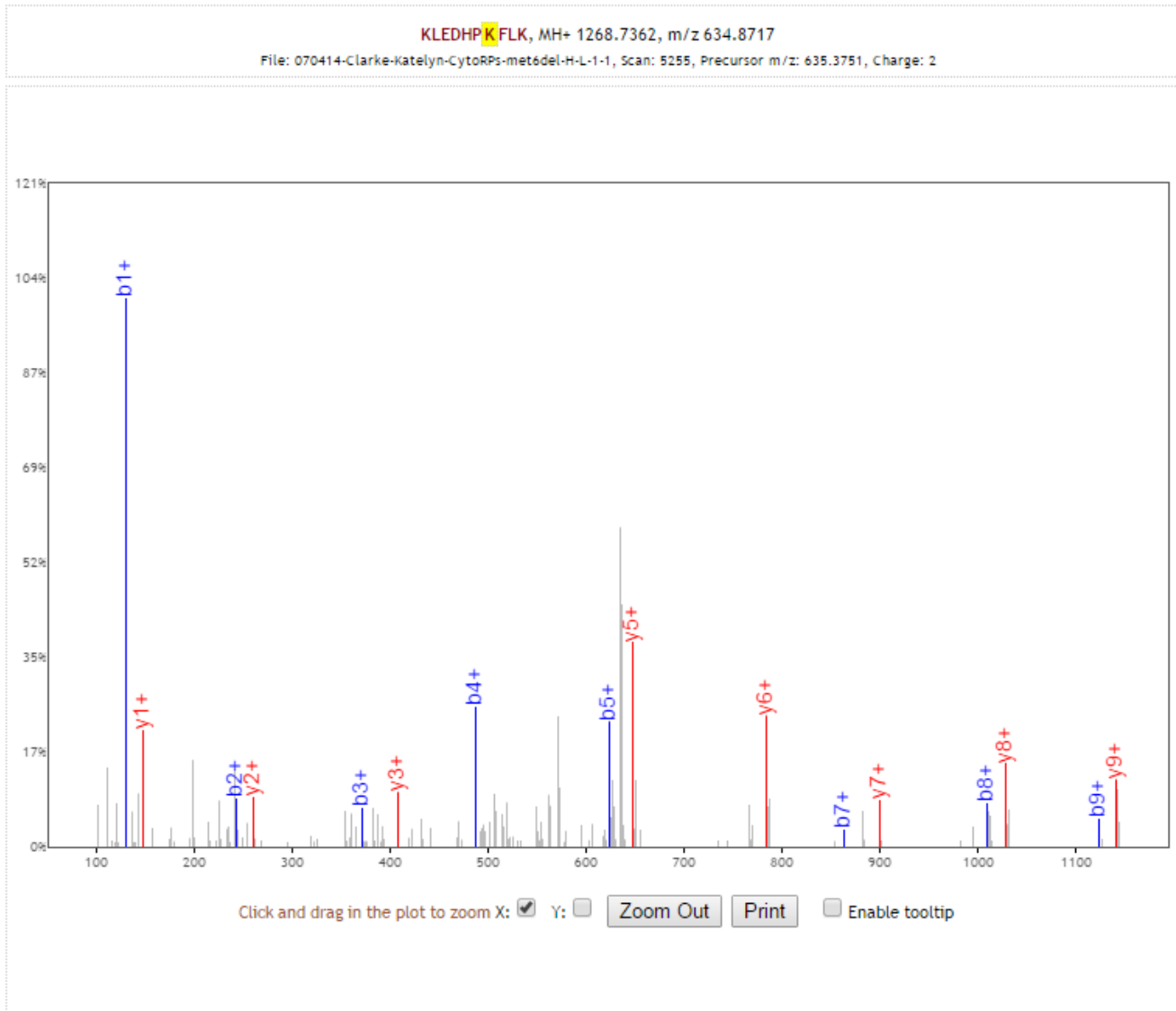
## K.KLEDHPmono**K**FLK.S [383, 392] (missed 2)



Replicate 1

# eEF1A

## K.KLEDHPmono**K**FLK.S [383, 392] (missed 2)



b+	#	Seq #	y+
129.1022	1	K 10	
242.1863	2	L 9	1140.6412
371.2289	3	E 8	1027.5572
486.2558	4	D 7	898.5146
623.3148	5	H 6	783.4876
720.3675	6	P 5	646.4287
862.4782	7	K 4	549.3759
1009.5466	8	F 3	407.2653
1122.6307	9	L 2	260.1969
	10	K 1	147.1128

[\[Click\]](#) to move table

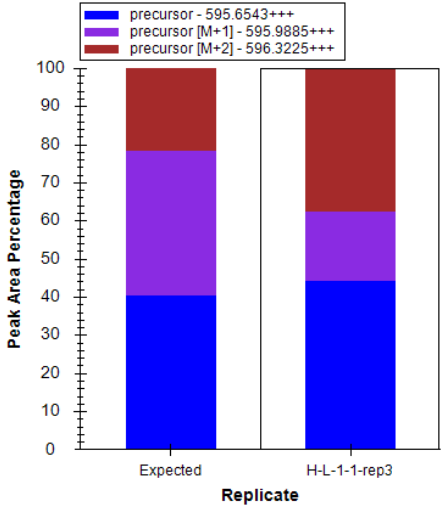
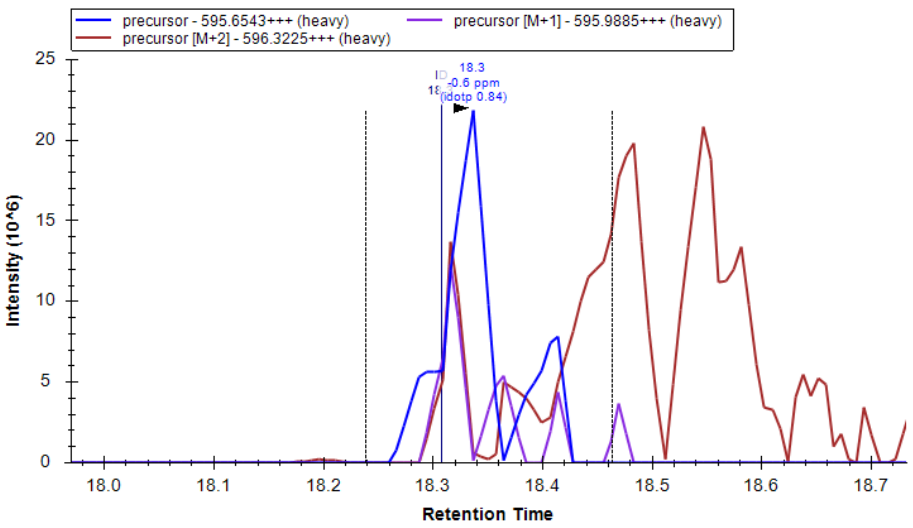
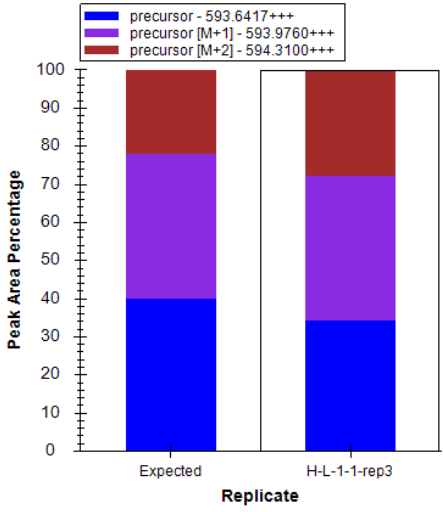
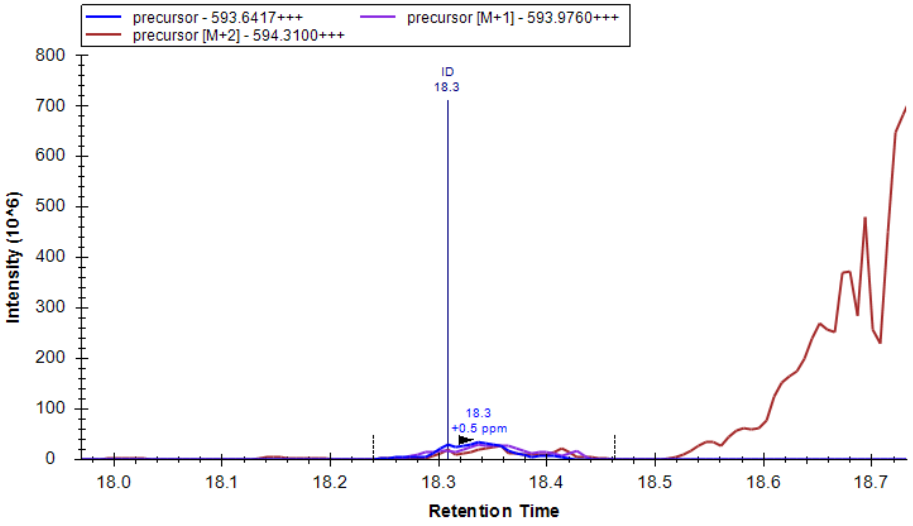
Static Modifications:  
C: 57.02146

Variable Modifications:  
K: 14.0157



# eEF1A

K.STTTGHLIYmono**K**CGGIDmono**K**.R [20, 35] (missed 1)



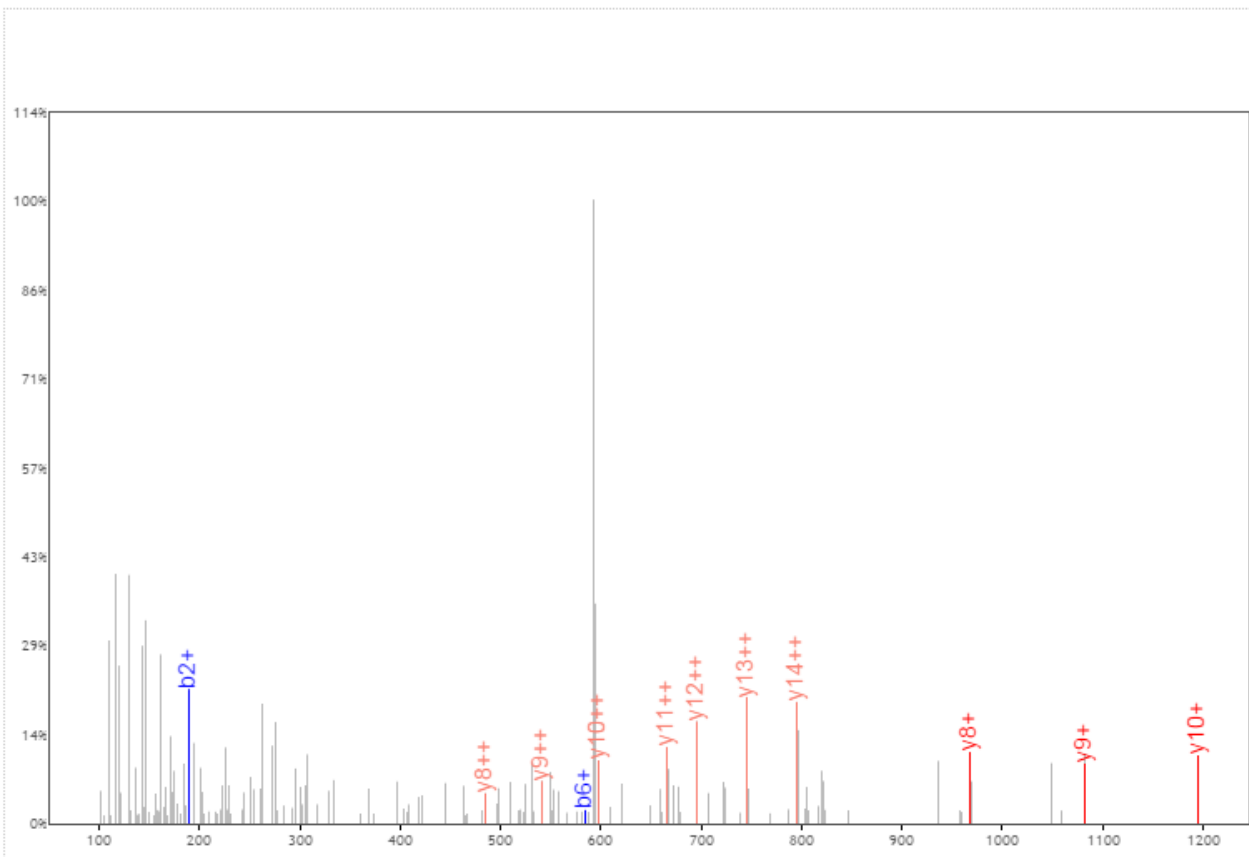
Replicate 3

# eEF1A

K.STTTGHLIYmono**K**CGGIDmono**K**.R [20, 35] (missed 1)

STTTGHLIY**K**CGGID**K**, MH+ 1778.9106, m/z 593.6417

File: 110714-ajay-Clarke-Katelyn-metódel-cytolysate-H-L-1-1-rep3, Scan: 7854, Precursor m/z: 593.9748, Charge: 3



Click and drag in the plot to zoom X:  Y:  Zoom Out Print  Enable tooltip

b+	b2+	#	Seq #	y+	y2+
88.0393	44.5233	1	S 16		
<b>189.0870</b>	95.0471	2	T 15	1691.8786	846.4429
290.1347	145.5710	3	T 14	1590.8309	795.9191
391.1823	196.0948	4	T 13	1489.7833	745.3953
448.2038	224.6055	5	G 12	1388.7356	694.8714
<b>585.2627</b>	293.1350	6	H 11	1331.7141	666.3607
698.3468	349.6770	7	L 10	<b>1194.6552</b>	597.8312
811.4308	406.2191	8	I 9	<b>1081.5711</b>	541.2892
974.4942	487.7507	9	Y 8	<b>968.4871</b>	484.7472
1116.6048	558.8061	10	<b>K</b> 7	805.4237	403.2155
1276.6355	638.8214	11	C 6	663.3131	332.1602
1333.6569	667.3321	12	G 5	503.2824	252.1449
1390.6784	695.8428	13	G 4	446.2610	223.6341
1503.7625	752.3849	14	I 3	389.2395	195.1234
1618.7894	809.8983	15	D 2	276.1554	138.5814
		16	<b>K</b> 1	161.1285	81.0679

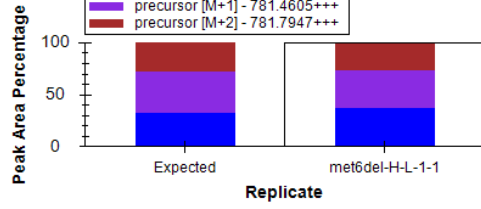
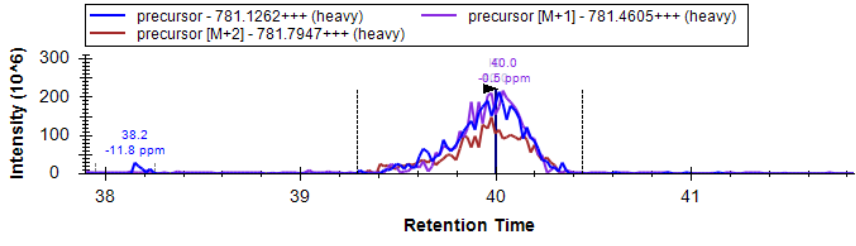
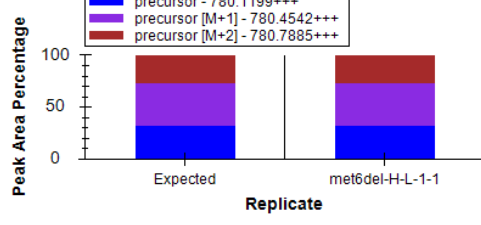
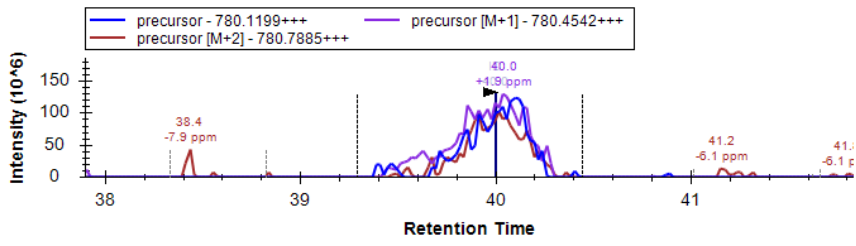
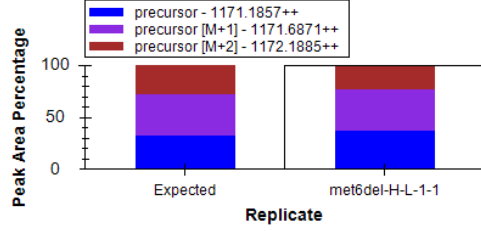
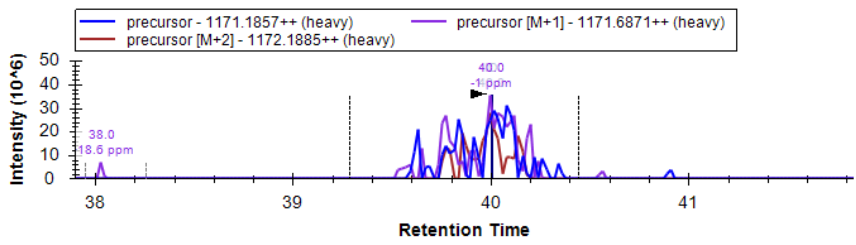
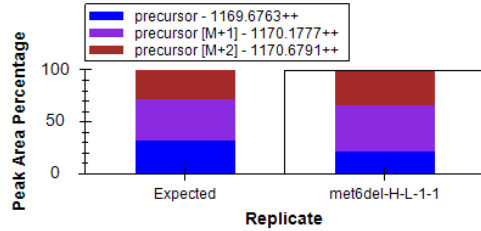
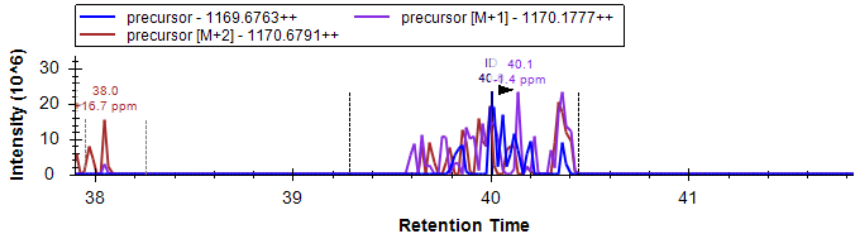
[\[click\]](#) to move table

Static Modifications:  
C: 57.02146

Variable Modifications:  
K: 14.0157

# Rpl12ab

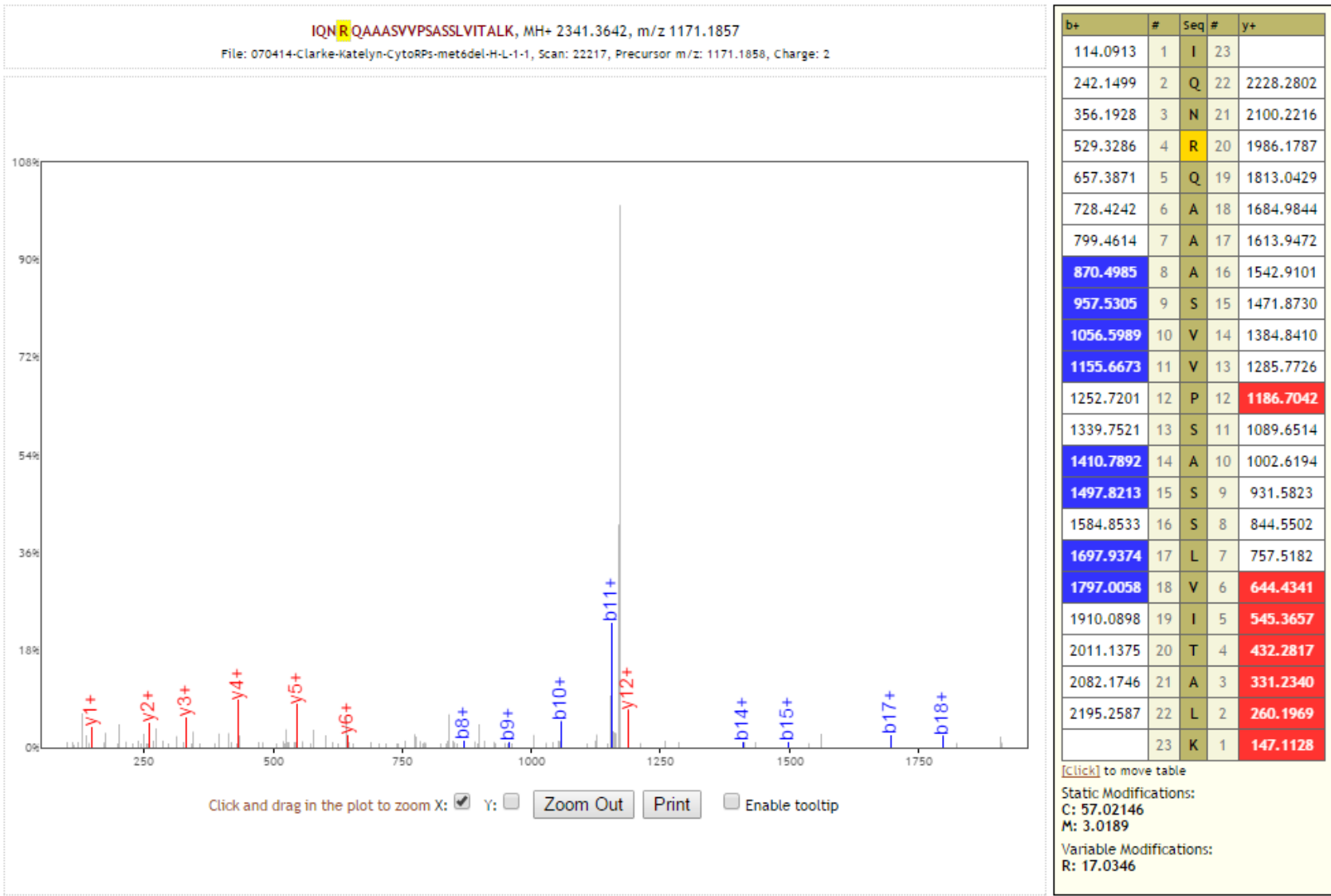
## K.IQNmono**R**QAAASVVPSASSLVITALK.E [63, 85] (missed 1)



Replicate 1

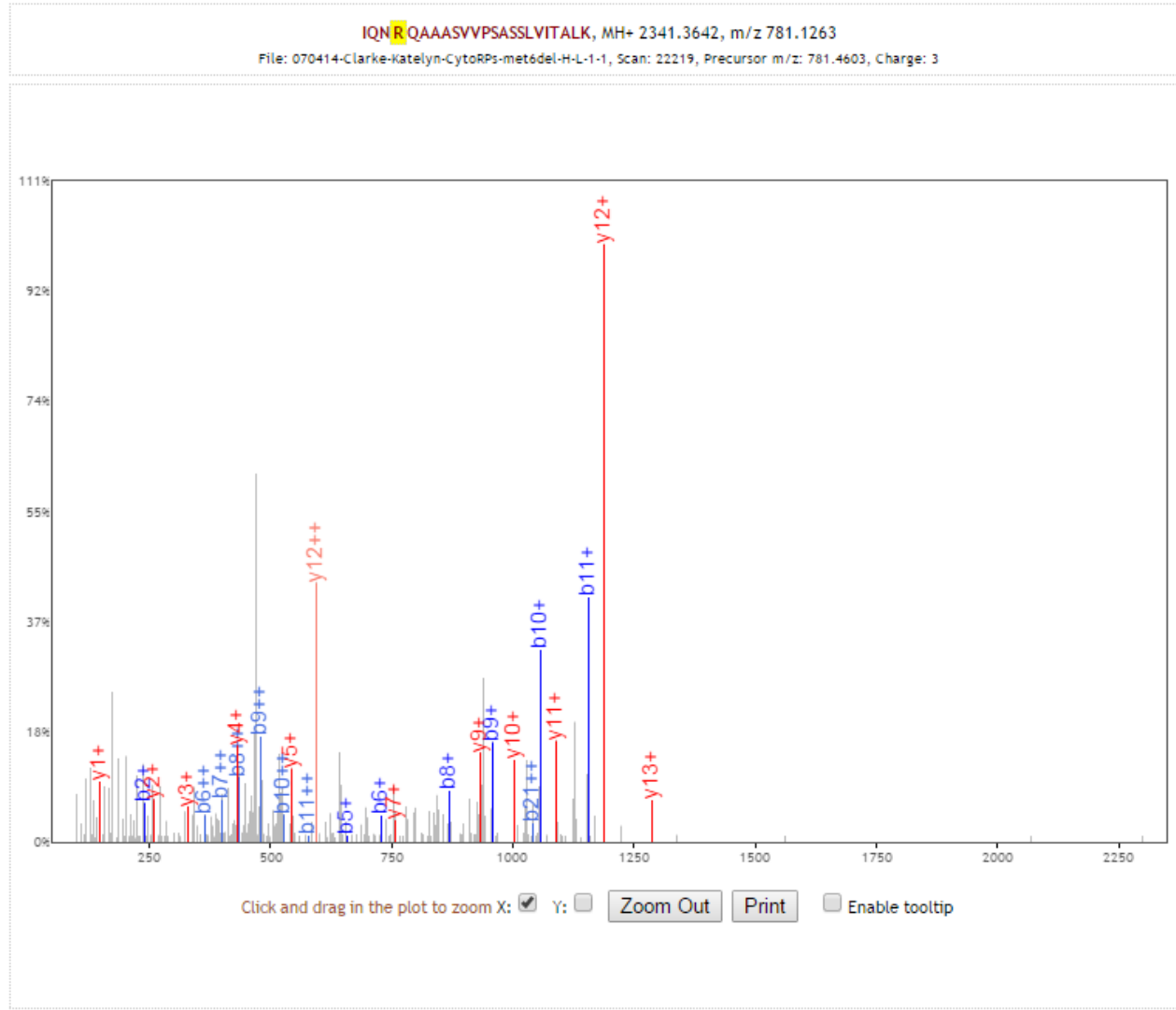
# Rpl12ab

## K.IQNmono**R**QAAASVVPSASSLVITALK.E [63, 85] (missed 1)



# Rpl12ab

## K.IQNmono**R**QAAASVVPSASSLVITALK.E [63, 85] (missed 1)

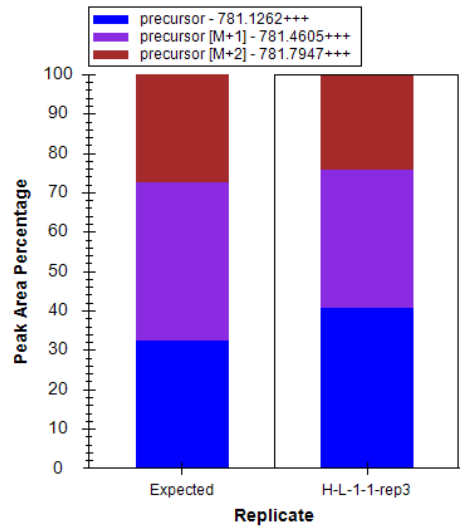
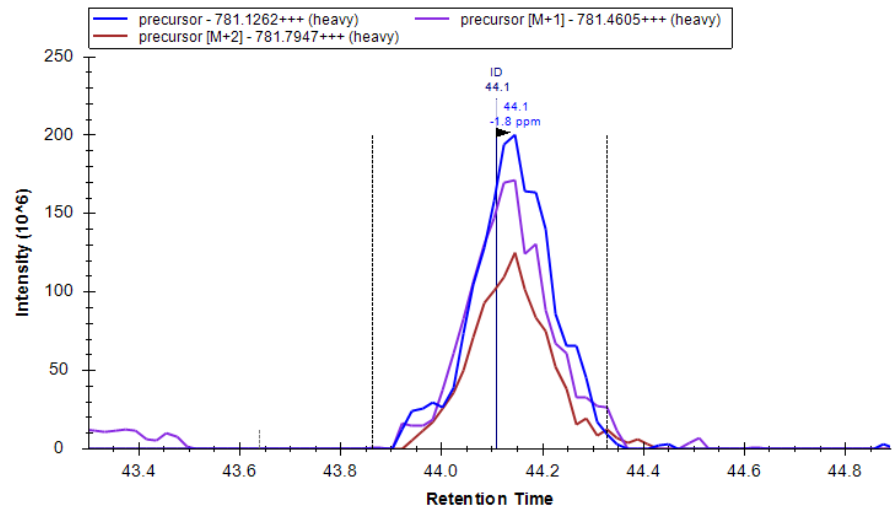
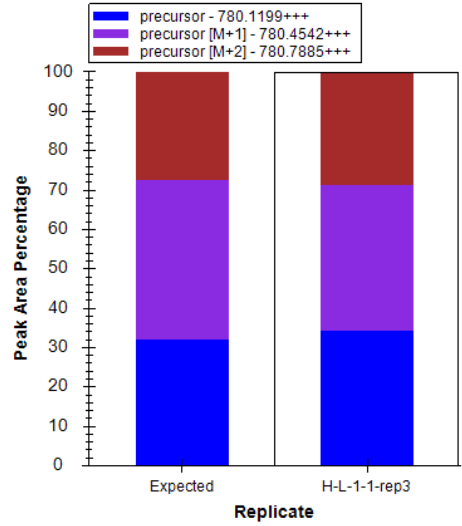
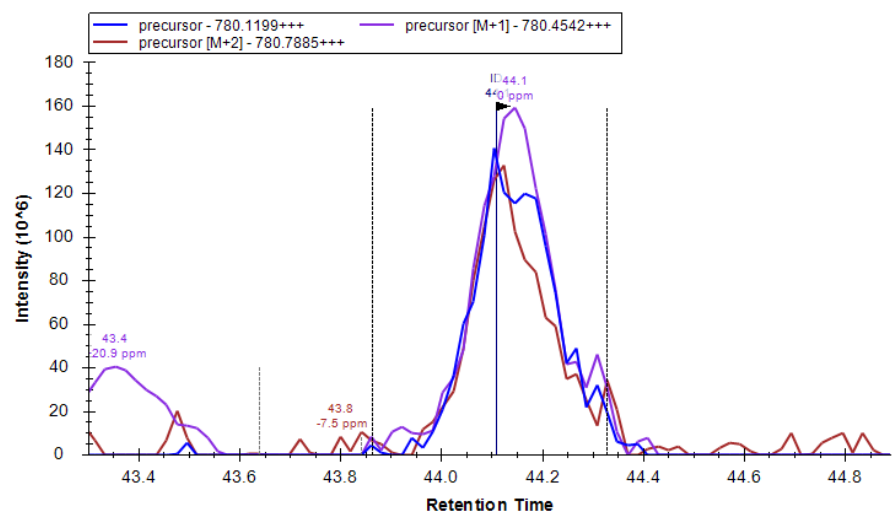


b+	b2+	#	Seq #	y+	y2+
114.0913	57.5493	1	I 23		
<b>242.1499</b>	121.5786	2	Q 22	2228.2802	1114.6437
356.1928	178.6001	3	N 21	2100.2216	1050.6144
529.3286	265.1679	4	<b>R</b> 20	1986.1787	993.5930
<b>657.3871</b>	329.1972	5	Q 19	1813.0429	907.0251
<b>728.4242</b>	364.7158	6	A 18	1684.9844	842.9958
799.4614	400.2343	7	A 17	1613.9472	807.4773
<b>870.4985</b>	435.7529	8	A 16	1542.9101	771.9587
<b>957.5305</b>	479.2689	9	S 15	1471.8730	736.4401
<b>1056.5989</b>	528.8031	10	V 14	1384.8410	692.9241
<b>1155.6673</b>	578.3373	11	V 13	<b>1285.7726</b>	643.3899
1252.7201	626.8637	12	P 12	<b>1186.7042</b>	<b>593.8557</b>
1339.7521	670.3797	13	S 11	<b>1089.6514</b>	545.3293
1410.7892	705.8983	14	A 10	<b>1002.6194</b>	501.8133
1497.8213	749.4143	15	S 9	<b>931.5823</b>	466.2948
1584.8533	792.9303	16	S 8	844.5502	422.7788
1697.9374	849.4723	17	L 7	<b>757.5182</b>	379.2627
1797.0058	899.0065	18	V 6	644.4341	322.7207
1910.0898	955.5486	19	I 5	<b>545.3657</b>	273.1865
2011.1375	1006.0724	20	T 4	<b>432.2817</b>	216.6445
2082.1746	<b>1041.5910</b>	21	A 3	<b>331.2340</b>	166.1206
2195.2587	1098.1330	22	L 2	<b>260.1969</b>	130.6021
		23	K 1	<b>147.1128</b>	74.0600

[\[click\]](#) to move table  
 Static Modifications:  
 C: 57.02146  
 M: 3.0189  
 Variable Modifications:  
 R: 17.0346

# Rpl12ab

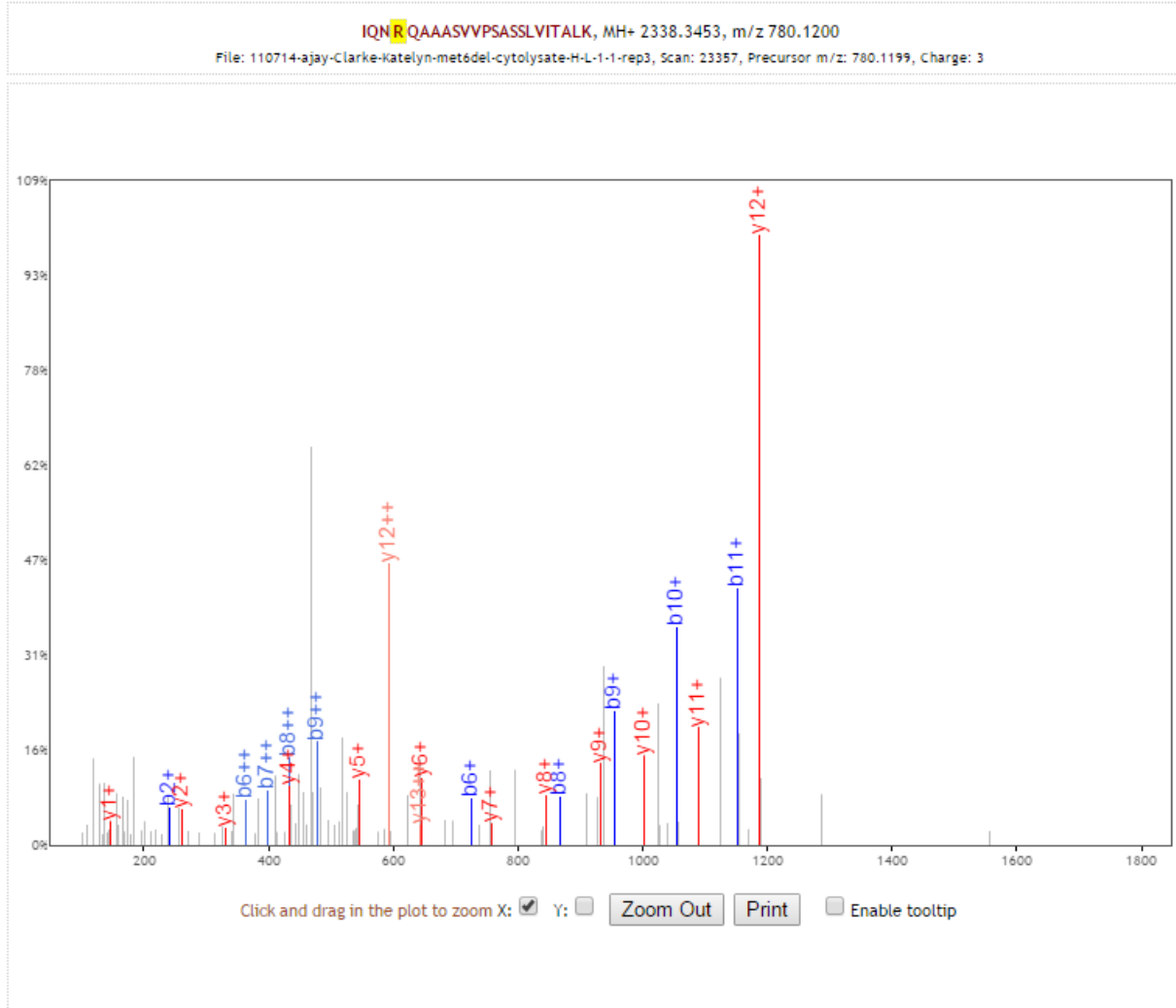
## K.IQNmonoRQAAASVVPSASSLVITALK.E [63, 85] (missed 1)



Replicate 3

# Rpl12ab

K.IQNmono**R**QAAASVVPSASSLVITALK.E [63, 85] (missed 1)

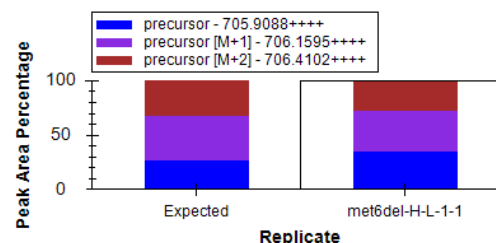
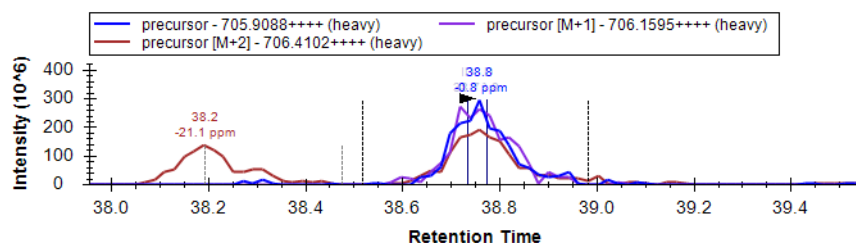
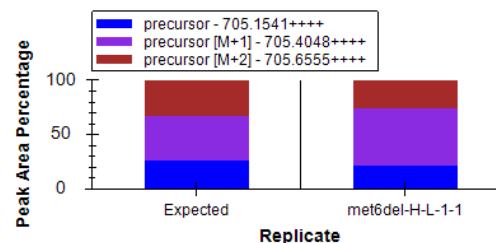
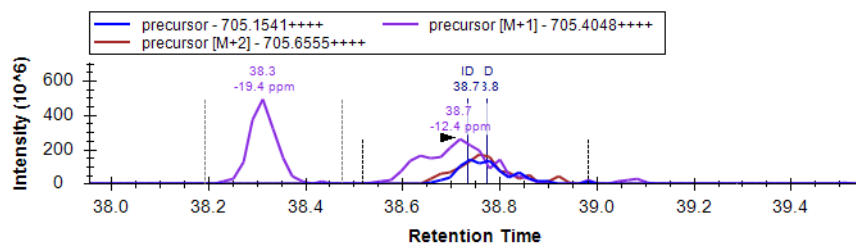
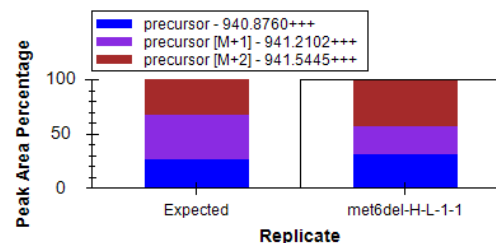
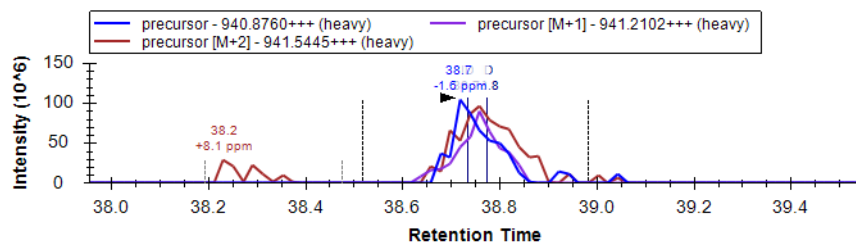
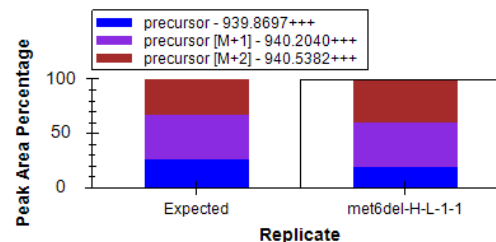
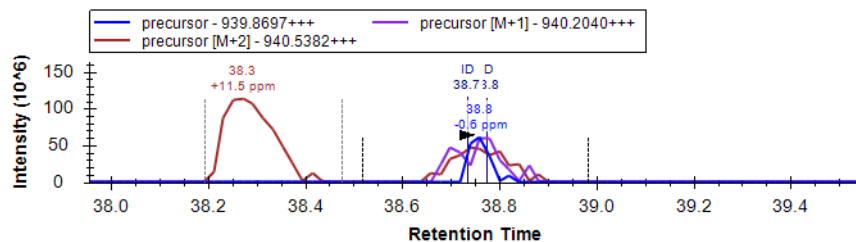


b+	b2+	#	Seq #	y+	y2+
114.0913	57.5493	1	I 23		
242.1499	121.5786	2	Q 22	2225.2613	1113.1343
356.1928	178.6001	3	N 21	2097.2027	1049.1050
526.3097	263.6585	4	R 20	1983.1598	992.0835
654.3682	327.6878	5	Q 19	1813.0429	907.0251
725.4053	363.2063	6	A 18	1684.9844	842.9958
796.4425	398.7249	7	A 17	1613.9472	807.4773
867.4796	434.2434	8	A 16	1542.9101	771.9587
954.5116	477.7594	9	S 15	1471.8730	736.4401
1053.5800	527.2936	10	V 14	1384.8410	692.9241
1152.6484	576.8279	11	V 13	1285.7726	643.3899
1249.7012	625.3542	12	P 12	1186.7042	593.8557
1336.7332	668.8702	13	S 11	1089.6514	545.3293
1407.7703	704.3888	14	A 10	1002.6194	501.8133
1494.8024	747.9048	15	S 9	931.5823	466.2948
1581.8344	791.4208	16	S 8	844.5502	422.7788
1694.9185	847.9629	17	L 7	757.5182	379.2627
1793.9869	897.4971	18	V 6	644.4341	322.7207
1907.0709	954.0391	19	I 5	545.3657	273.1865
2008.1186	1004.5629	20	T 4	432.2817	216.6445
2079.1557	1040.0815	21	A 3	331.2340	166.1206
2192.2398	1096.6235	22	L 2	260.1969	130.6021
		23	K 1	147.1128	74.0600

[\[Click\]](#) to move table  
 Static Modifications:  
 C: 57.02146  
 Variable Modifications:  
 R: 14.0157

# Rpl12ab

K.IQNmono**R**QAAASVVPSASSLVITALKEPPR.D [63, 89] (missed 2)

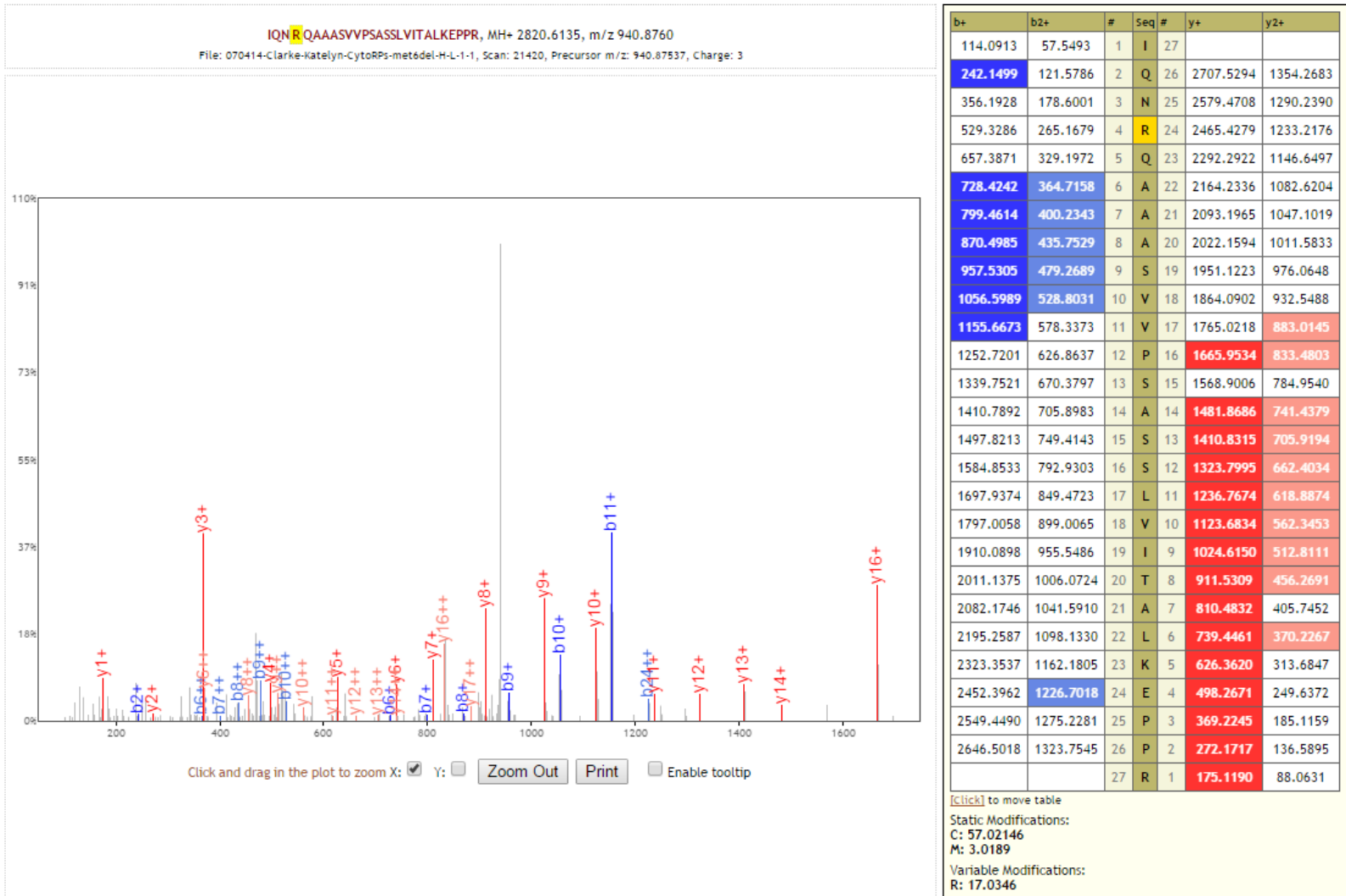


Replicate 1



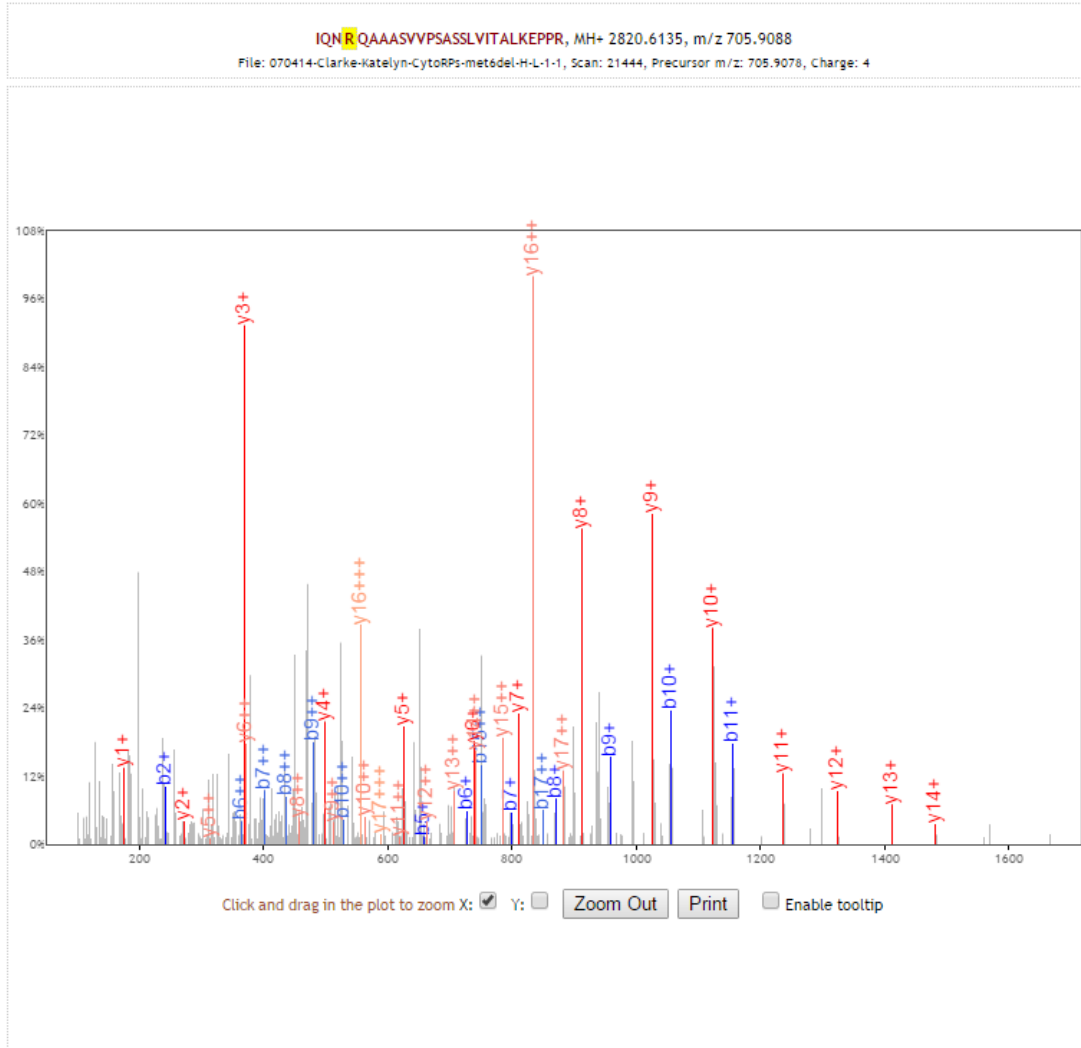
# Rpl12ab

K.IQNmono**R**QAAASVVPSASSLVITALKEPPR.D [63, 89] (missed 2)



# Rpl12ab

K.IQNmono**R**QAAASVVPSASSLVITALKEPPR.D [63, 89] (missed 2)

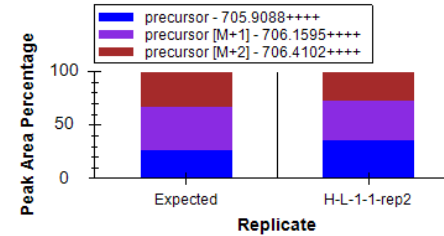
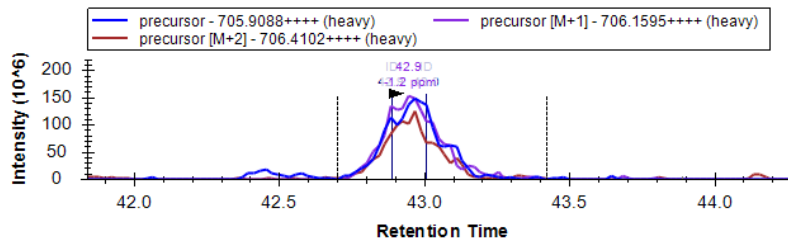
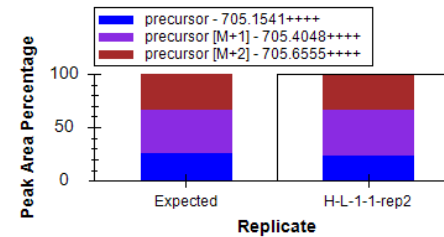
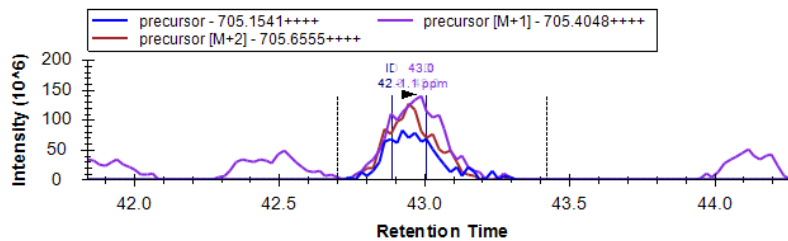
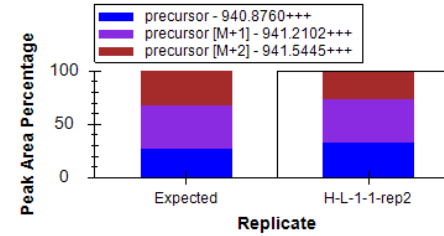
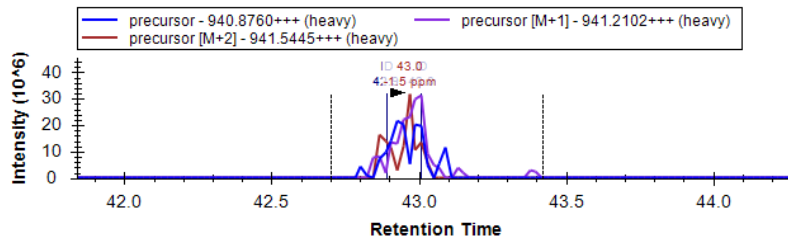
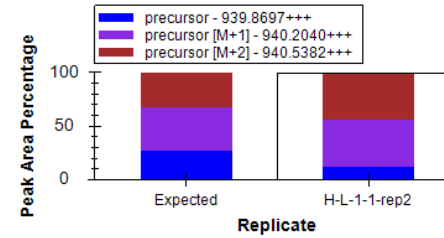
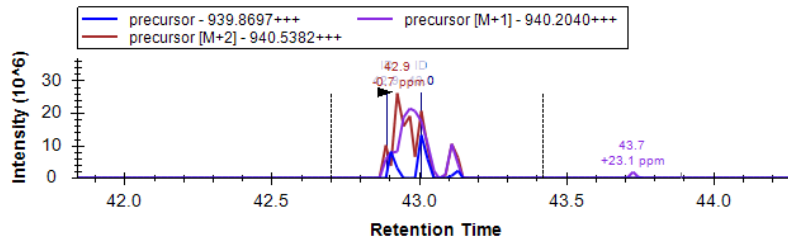


b+	b2+	b3+	#	Seq #	y+	y2+	y3+
114.0913	57.5493	38.7020	1	I	27		
242.1499	121.5786	81.3882	2	Q	26	2707.5294	1354.2683
356.1928	178.6001	119.4025	3	N	25	2579.4708	1290.2390
529.3286	265.1679	177.1144	4	R	24	2465.4279	1233.2176
657.3871	329.1972	219.8006	5	Q	23	2292.2922	1146.6497
728.4242	364.7158	243.4796	6	A	22	2164.2336	1082.6204
799.4614	400.2343	267.1586	7	A	21	2093.1965	1047.1019
870.4985	435.7529	290.8377	8	A	20	2022.1594	1011.5833
957.5305	479.2689	319.8484	9	S	19	1951.1223	976.0648
1056.5989	528.8031	352.8712	10	V	18	1864.0902	932.5488
1155.6673	578.3373	385.8940	11	V	17	1765.0218	883.0145
1252.7201	626.8637	418.2449	12	P	16	1665.9534	833.4803
1339.7521	670.3797	447.2556	13	S	15	1568.9006	784.9540
1410.7892	705.8983	470.9346	14	A	14	1481.8686	741.4379
1497.8213	749.4143	499.9453	15	S	13	1410.8315	705.9194
1584.8533	792.9303	528.9559	16	S	12	1323.7995	662.4034
1697.9374	849.4723	566.6506	17	L	11	1236.7674	618.8874
1797.0058	899.0065	599.6734	18	V	10	1123.6834	562.3453
1910.0898	955.5486	637.3681	19	I	9	1024.6150	512.8111
2011.1375	1006.0724	671.0507	20	T	8	911.5309	456.2691
2082.1746	1041.5910	694.7297	21	A	7	810.4832	405.7452
2195.2587	1098.1330	732.4244	22	L	6	739.4461	370.2267
2323.3537	1162.1805	775.1227	23	K	5	626.3620	313.6847
2452.3962	1226.7018	818.1369	24	E	4	498.2671	249.6372
2549.4490	1275.2281	850.4879	25	P	3	369.2245	185.1159
2646.5018	1323.7545	882.8388	26	P	2	272.1717	136.5895
			27	R	1	175.1190	88.0631

[\[Click\]](#) to move table  
 Static Modifications:  
 C: 57.02146  
 M: 3.0189  
 Variable Modifications:  
 R: 17.0346

# Rpl12ab

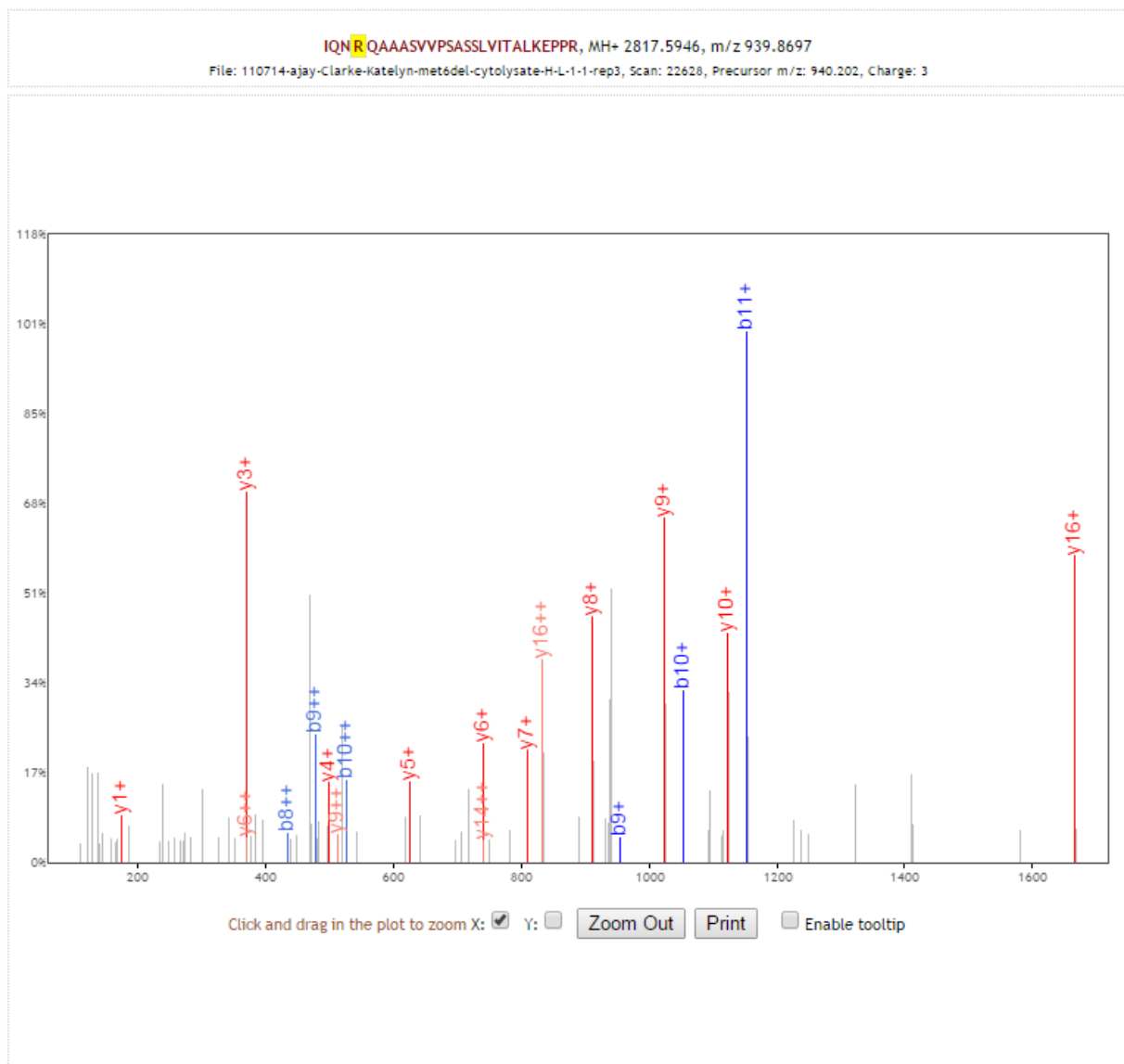
K.IQNmono**R**QAAASVVPSASSLVITALKEPPR.D [63, 89] (missed 2)



Replicate 2

# Rpl12ab

K.IQNmono**R**QAAASVVPSASSLVITALKEPPR.D [63, 89] (missed 2)

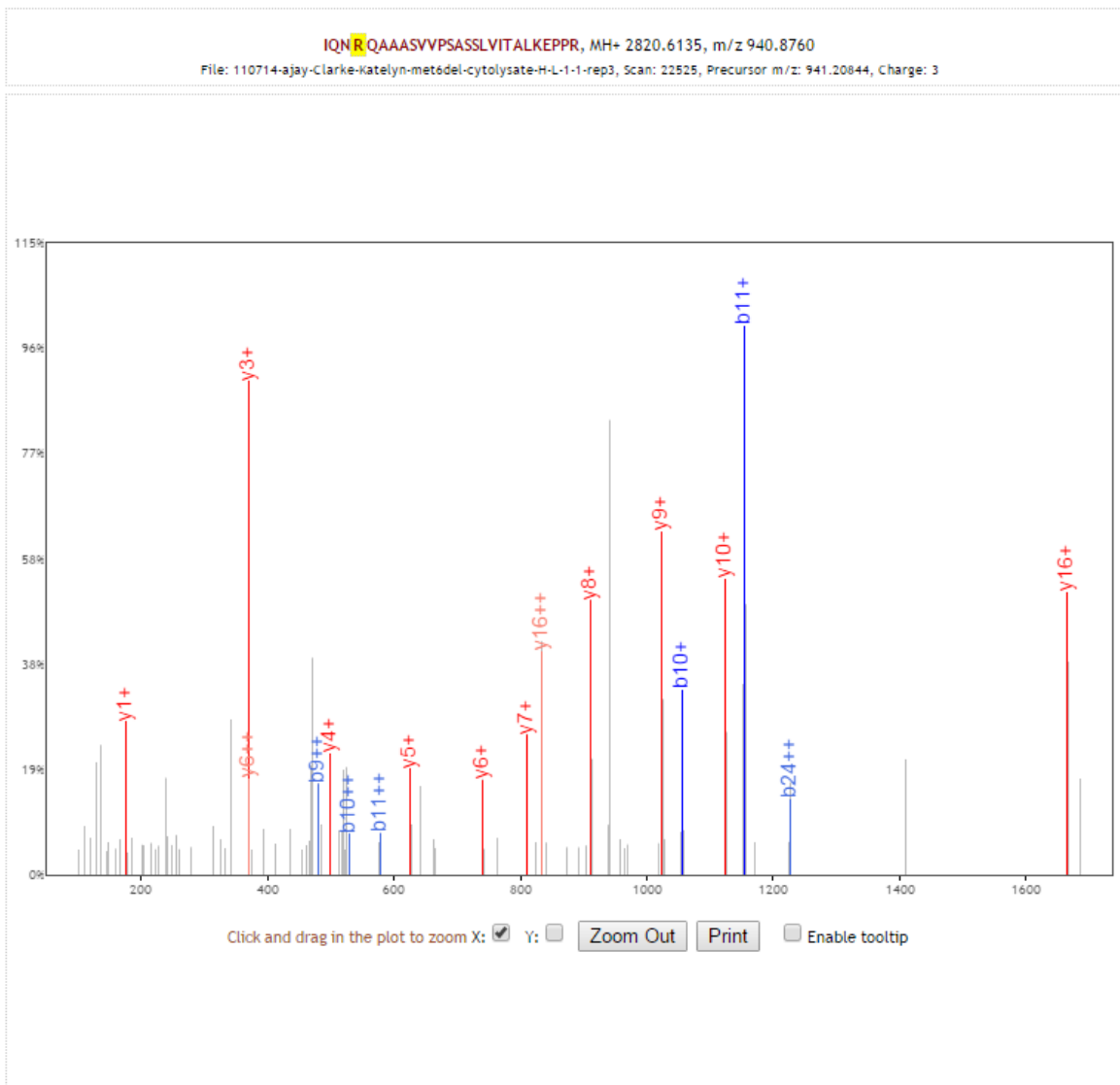


b+	b2+	#	Seq #	y+	y2+
114.0913	57.5493	1	I 27		
242.1499	121.5786	2	Q 26	2704.5105	1352.7589
356.1928	178.6001	3	N 25	2576.4519	1288.7296
526.3097	263.6585	4	R 24	2462.4090	1231.7081
654.3682	327.6878	5	Q 23	2292.2922	1146.6497
725.4053	363.2063	6	A 22	2164.2336	1082.6204
796.4425	398.7249	7	A 21	2093.1965	1047.1019
867.4796	434.2434	8	A 20	2022.1594	1011.5833
954.5116	477.7594	9	S 19	1951.1223	976.0648
1053.5800	527.2936	10	V 18	1864.0902	932.5488
1152.6484	576.8279	11	V 17	1765.0218	883.0145
1249.7012	625.3542	12	P 16	1665.9534	833.4803
1336.7332	668.8702	13	S 15	1568.9006	784.9540
1407.7703	704.3888	14	A 14	1481.8686	741.4379
1494.8024	747.9048	15	S 13	1410.8315	705.9194
1581.8344	791.4208	16	S 12	1323.7995	662.4034
1694.9185	847.9629	17	L 11	1236.7674	618.8874
1793.9869	897.4971	18	V 10	1123.6834	562.3453
1907.0709	954.0391	19	I 9	1024.6150	512.8111
2008.1186	1004.5629	20	T 8	911.5309	456.2691
2079.1557	1040.0815	21	A 7	810.4832	405.7452
2192.2398	1096.6235	22	L 6	739.4461	370.2267
2320.3348	1160.6710	23	K 5	626.3620	313.6847
2449.3773	1225.1923	24	E 4	498.2671	249.6372
2546.4301	1273.7187	25	P 3	369.2245	185.1159
2643.4829	1322.2451	26	P 2	272.1717	136.5895
		27	R 1	175.1190	88.0631

[\[Click\]](#) to move table  
 Static Modifications:  
 C: 57.02146  
 Variable Modifications:  
 R: 14.0157

# Rpl12ab

K.IQNmono**R**QAAASVVPSASSLVITALKEPPR.D [63, 89] (missed 2)



b+	b2+	#	Seq	#	y+	y2+
114.0913	57.5493	1	I	27		
242.1499	121.5786	2	Q	26	2707.5294	1354.2683
356.1928	178.6001	3	N	25	2579.4708	1290.2390
529.3286	265.1679	4	<b>R</b>	24	2465.4279	1233.2176
657.3871	329.1972	5	Q	23	2292.2922	1146.6497
728.4242	364.7158	6	A	22	2164.2336	1082.6204
799.4614	400.2343	7	A	21	2093.1965	1047.1019
870.4985	435.7529	8	A	20	2022.1594	1011.5833
957.5305	479.2689	9	S	19	1951.1223	976.0648
1056.5989	528.8031	10	V	18	1864.0902	932.5488
1155.6673	578.3373	11	V	17	1765.0218	883.0145
1252.7201	626.8637	12	P	16	1665.9534	833.4803
1339.7521	670.3797	13	S	15	1568.9006	784.9540
1410.7892	705.8983	14	A	14	1481.8686	741.4379
1497.8213	749.4143	15	S	13	1410.8315	705.9194
1584.8533	792.9303	16	S	12	1323.7995	662.4034
1697.9374	849.4723	17	L	11	1236.7674	618.8874
1797.0058	899.0065	18	V	10	1123.6834	562.3453
1910.0898	955.5486	19	I	9	1024.6150	512.8111
2011.1375	1006.0724	20	T	8	911.5309	456.2691
2082.1746	1041.5910	21	A	7	810.4832	405.7452
2195.2587	1098.1330	22	L	6	739.4461	370.2267
2323.3537	1162.1805	23	K	5	626.3620	313.6847
2452.3962	1226.7018	24	E	4	498.2671	249.6372
2549.4490	1275.2281	25	P	3	369.2245	185.1159
2646.5018	1323.7545	26	P	2	272.1717	136.5895
		27	R	1	175.1190	88.0631

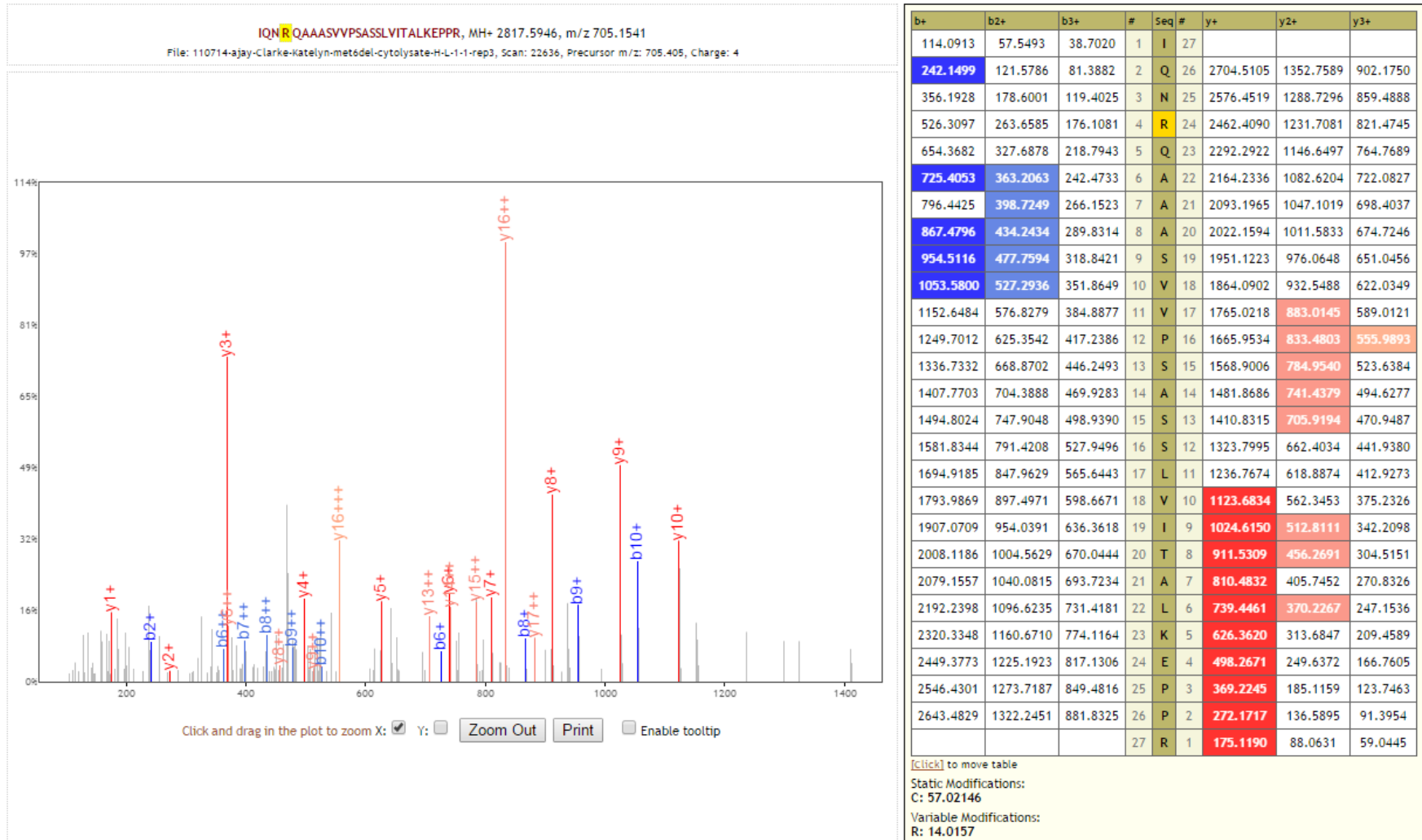
[\[click\]](#) to move table

Static Modifications:  
C: 57.02146  
M: 3.0189

Variable Modifications:  
R: 17.0346

# Rpl12ab

K.IQNmono**R**QAAASVVPSASSLVITALKEPPR.D [63, 89] (missed 2)

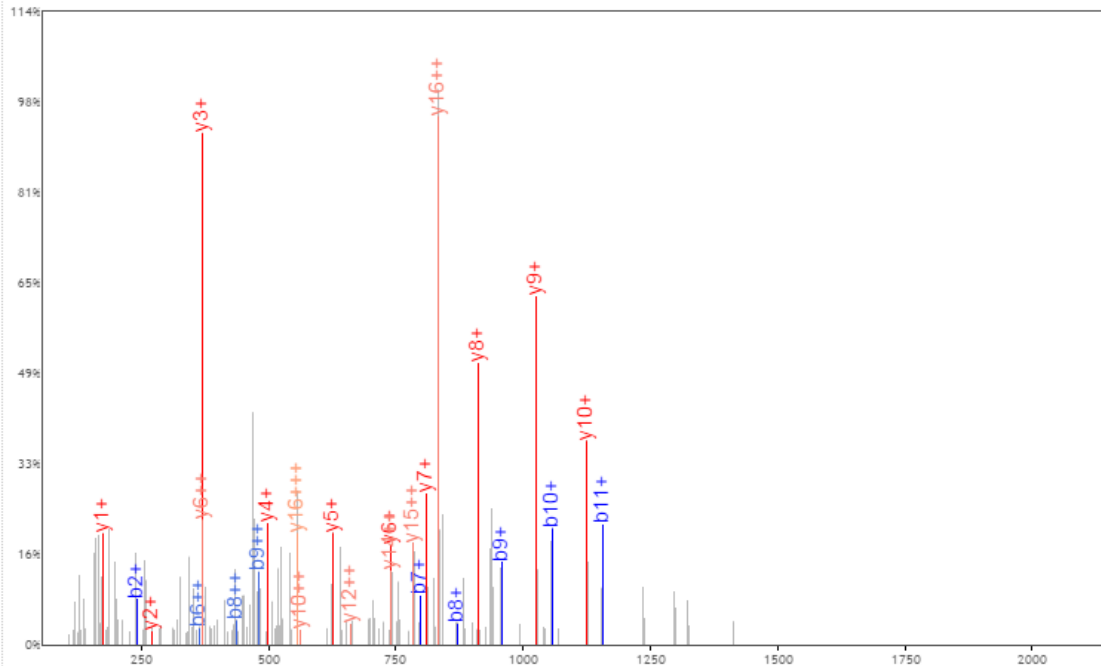


# Rpl12ab

K.IQNmono**R**QAAASVVPSASSLVITALKEPPR.D [63, 89] (missed 2)

IQN**R**QAAASVVPSASSLVITALKEPPR, MH+ 2820.6135, m/z 705.9088

File: 110714-ajay-Clarke-Katlyn-metódel-cytolysate-H-L-1-1-rep3, Scan: 22634, Precursor m/z: 706.1599, Charge: 4



Click and drag in the plot to zoom X:  Y:     Enable tooltip

b+	b2+	b3+	#	Seq #	y+	y2+	y3+
114.0913	57.5493	38.7020	1	I 27			
242.1499	121.5786	81.3882	2	Q 26	2707.5294	1354.2683	903.1813
356.1928	178.6001	119.4025	3	N 25	2579.4708	1290.2390	860.4951
529.3286	265.1679	177.1144	4	R 24	2465.4279	1233.2176	822.4808
657.3871	329.1972	219.8006	5	Q 23	2292.2922	1146.6497	764.7689
728.4242	364.7158	243.4796	6	A 22	2164.2336	1082.6204	722.0827
799.4614	400.2343	267.1586	7	A 21	2093.1965	1047.1019	698.4037
870.4985	435.7529	290.8377	8	A 20	2022.1594	1011.5833	674.7246
957.5305	479.2689	319.8484	9	S 19	1951.1223	976.0648	651.0456
1056.5989	528.8031	352.8712	10	V 18	1864.0902	932.5488	622.0349
1155.6673	578.3373	385.8940	11	V 17	1765.0218	883.0145	589.0121
1252.7201	626.8637	418.2449	12	P 16	1665.9534	833.4803	555.9893
1339.7521	670.3797	447.2556	13	S 15	1568.9006	784.9540	523.6384
1410.7892	705.8983	470.9346	14	A 14	1481.8686	741.4379	494.6277
1497.8213	749.4143	499.9453	15	S 13	1410.8315	705.9194	470.9487
1584.8533	792.9303	528.9559	16	S 12	1323.7995	662.4034	441.9380
1697.9374	849.4723	566.6506	17	L 11	1236.7674	618.8874	412.9273
1797.0058	899.0065	599.6734	18	V 10	1123.6834	562.3453	375.2326
1910.0898	955.5486	637.3681	19	I 9	1024.6150	512.8111	342.2098
2011.1375	1006.0724	671.0507	20	T 8	911.5309	456.2691	304.5151
2082.1746	1041.5910	694.7297	21	A 7	810.4832	405.7452	270.8326
2195.2587	1098.1330	732.4244	22	L 6	739.4461	370.2267	247.1536
2323.3537	1162.1805	775.1227	23	K 5	626.3620	313.6847	209.4589
2452.3962	1226.7018	818.1369	24	E 4	498.2671	249.6372	166.7605
2549.4490	1275.2281	850.4879	25	P 3	369.2245	185.1159	123.7463
2646.5018	1323.7545	882.8388	26	P 2	272.1717	136.5895	91.3954
			27	R 1	175.1190	88.0631	59.0445

[Click] to move table

Static Modifications:

C: 57.02146

M: 3.0189

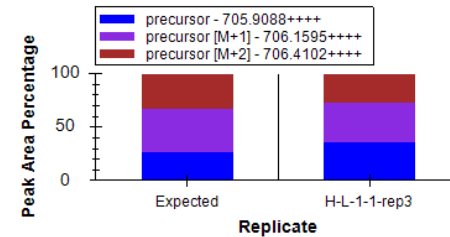
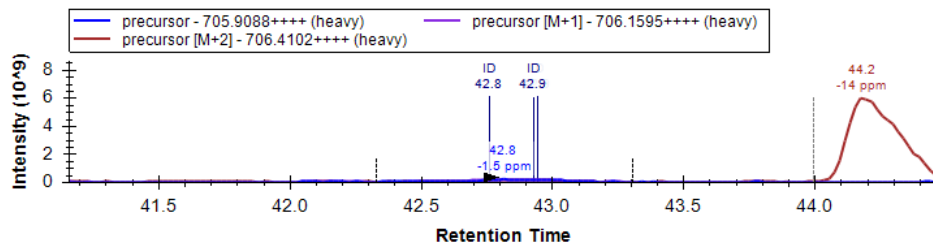
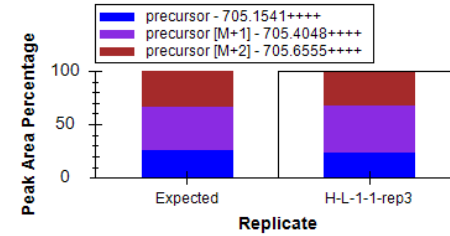
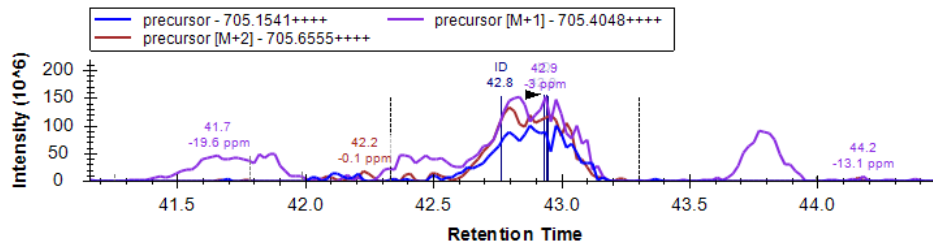
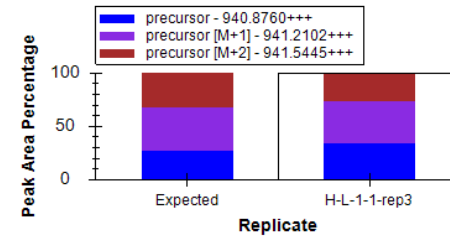
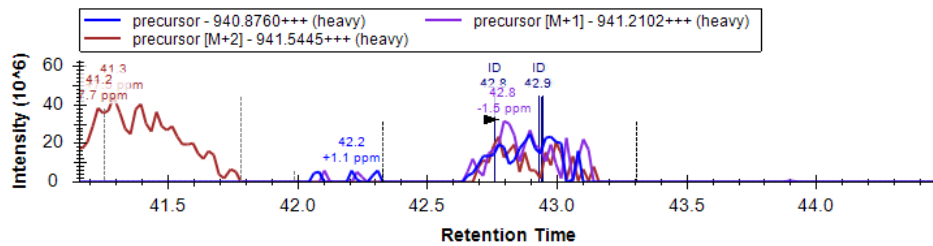
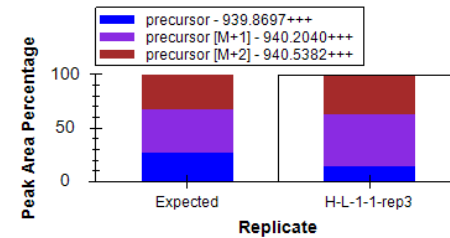
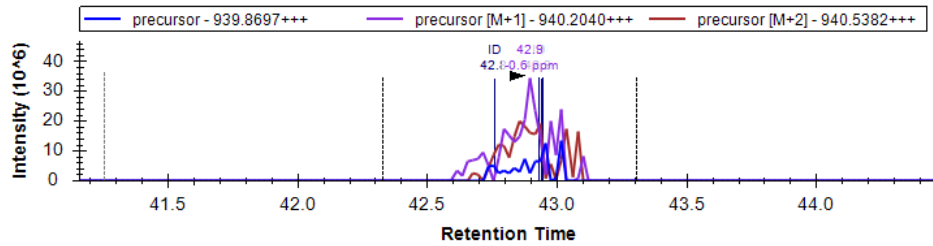
Variable Modifications:

R: 17.0346

Replicate 2

# Rpl12ab

K.IQNmono**R**QAAASVVPSASSLVITALKEPPR.D [63, 89] (missed 2)

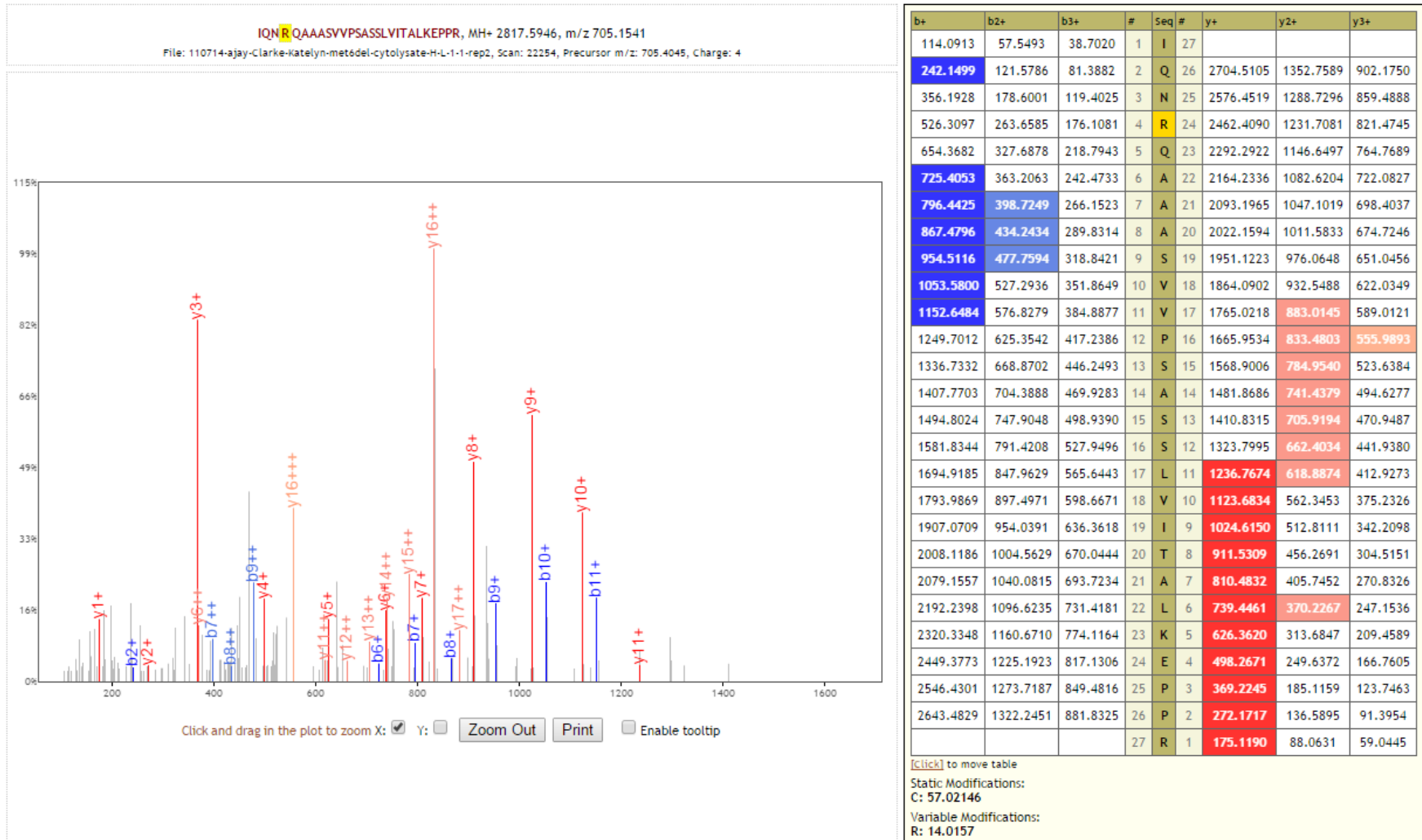


Replicate 3



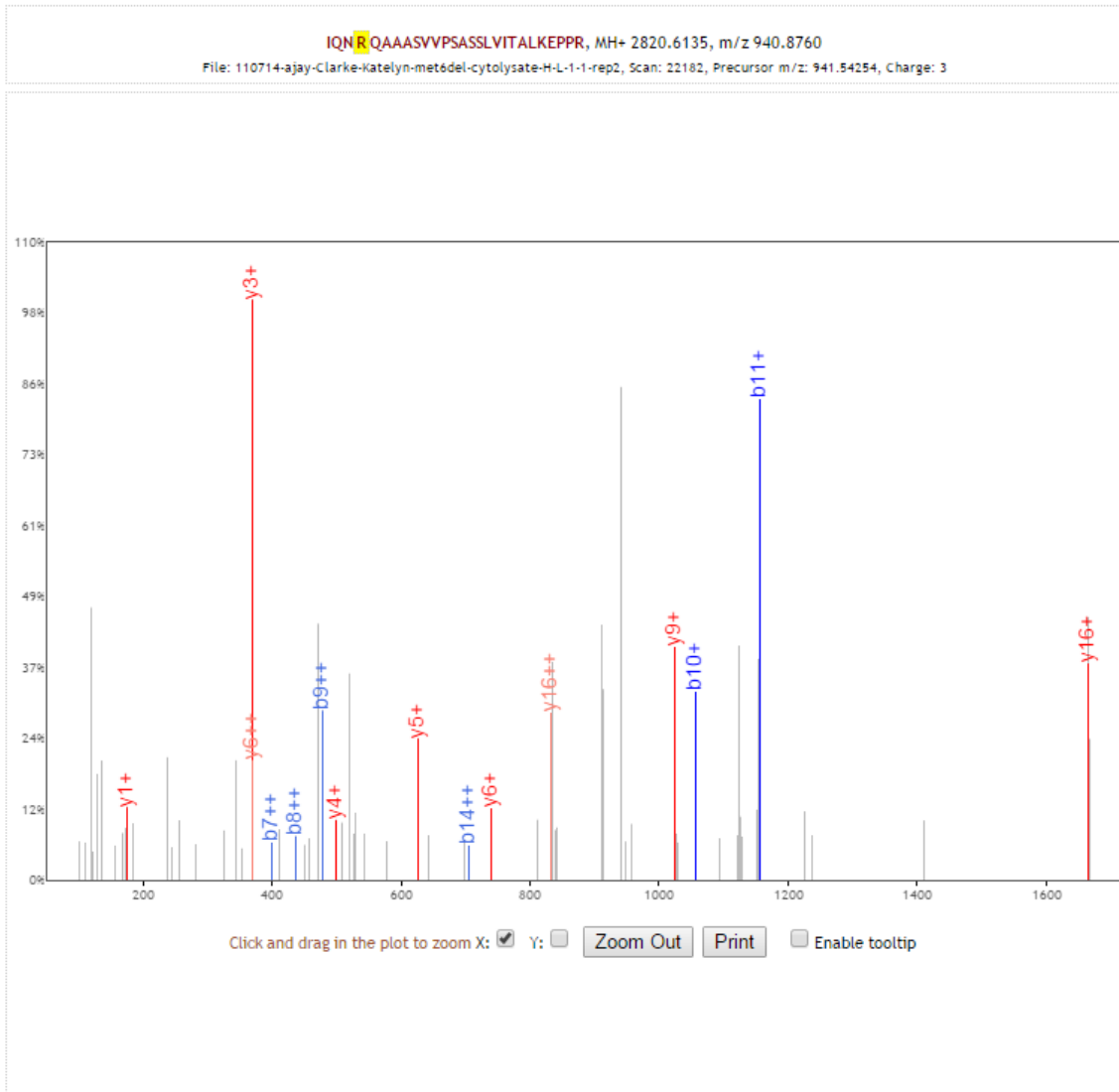
# Rpl12ab

K.IQNmono**R**QAAASVVPSASSLVITALKEPPR.D [63, 89] (missed 2)



# Rpl12ab

K.IQNmono**R**QAAASVVPSASSLVITALKEPPR.D [63, 89] (missed 2)



b+	b2+	#	Seq #	y+	y2+
114.0913	57.5493	1	I 27		
242.1499	121.5786	2	Q 26	2707.5294	1354.2683
356.1928	178.6001	3	N 25	2579.4708	1290.2390
529.3286	265.1679	4	R 24	2465.4279	1233.2176
657.3871	329.1972	5	Q 23	2292.2922	1146.6497
728.4242	364.7158	6	A 22	2164.2336	1082.6204
799.4614	400.2343	7	A 21	2093.1965	1047.1019
870.4985	435.7529	8	A 20	2022.1594	1011.5833
957.5305	479.2689	9	S 19	1951.1223	976.0648
1056.5989	528.8031	10	V 18	1864.0902	932.5488
1155.6673	578.3373	11	V 17	1765.0218	883.0145
1252.7201	626.8637	12	P 16	1665.9534	833.4803
1339.7521	670.3797	13	S 15	1568.9006	784.9540
1410.7892	705.8983	14	A 14	1481.8686	741.4379
1497.8213	749.4143	15	S 13	1410.8315	705.9194
1584.8533	792.9303	16	S 12	1323.7995	662.4034
1697.9374	849.4723	17	L 11	1236.7674	618.8874
1797.0058	899.0065	18	V 10	1123.6834	562.3453
1910.0898	955.5486	19	I 9	1024.6150	512.8111
2011.1375	1006.0724	20	T 8	911.5309	456.2691
2082.1746	1041.5910	21	A 7	810.4832	405.7452
2195.2587	1098.1330	22	L 6	739.4461	370.2267
2323.3537	1162.1805	23	K 5	626.3620	313.6847
2452.3962	1226.7018	24	E 4	498.2671	249.6372
2549.4490	1275.2281	25	P 3	369.2245	185.1159
2646.5018	1323.7545	26	P 2	272.1717	136.5895
		27	R 1	175.1190	88.0631

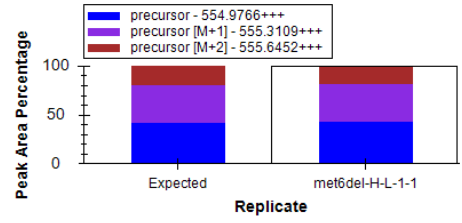
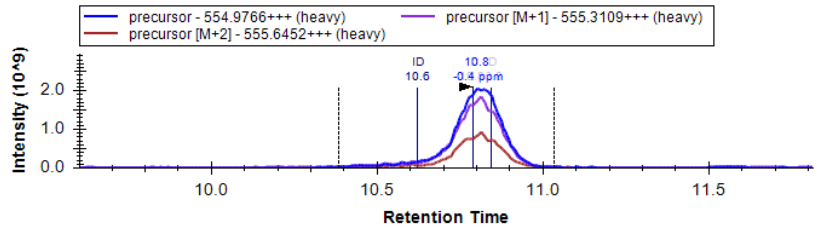
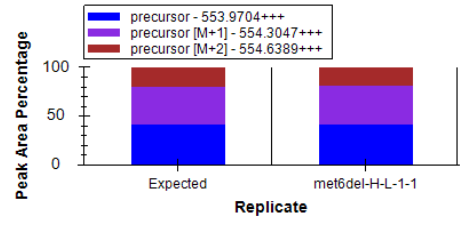
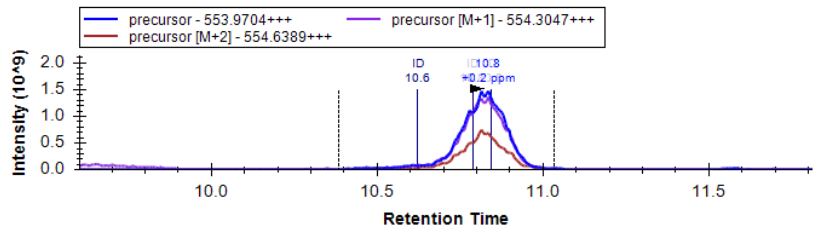
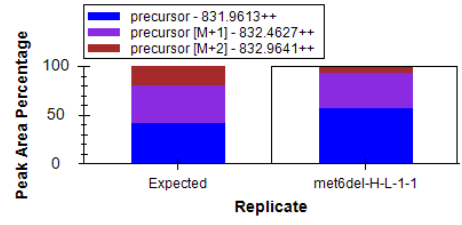
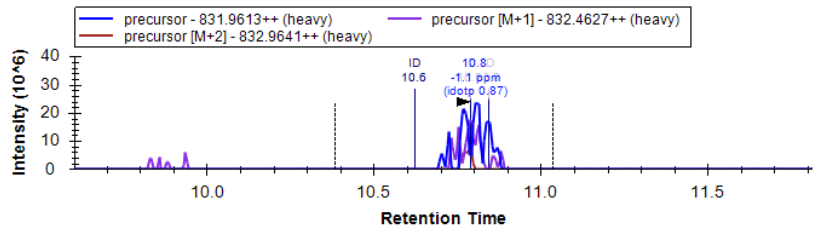
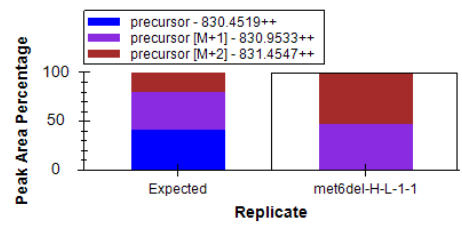
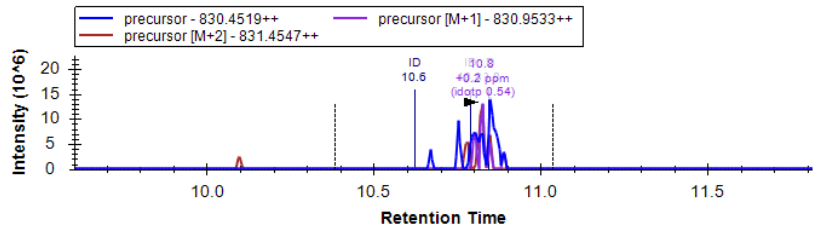
[\[Click\]](#) to move table

Static Modifications:  
 C: 57.02146  
 M: 3.0189

Variable Modifications:  
 R: 17.0346

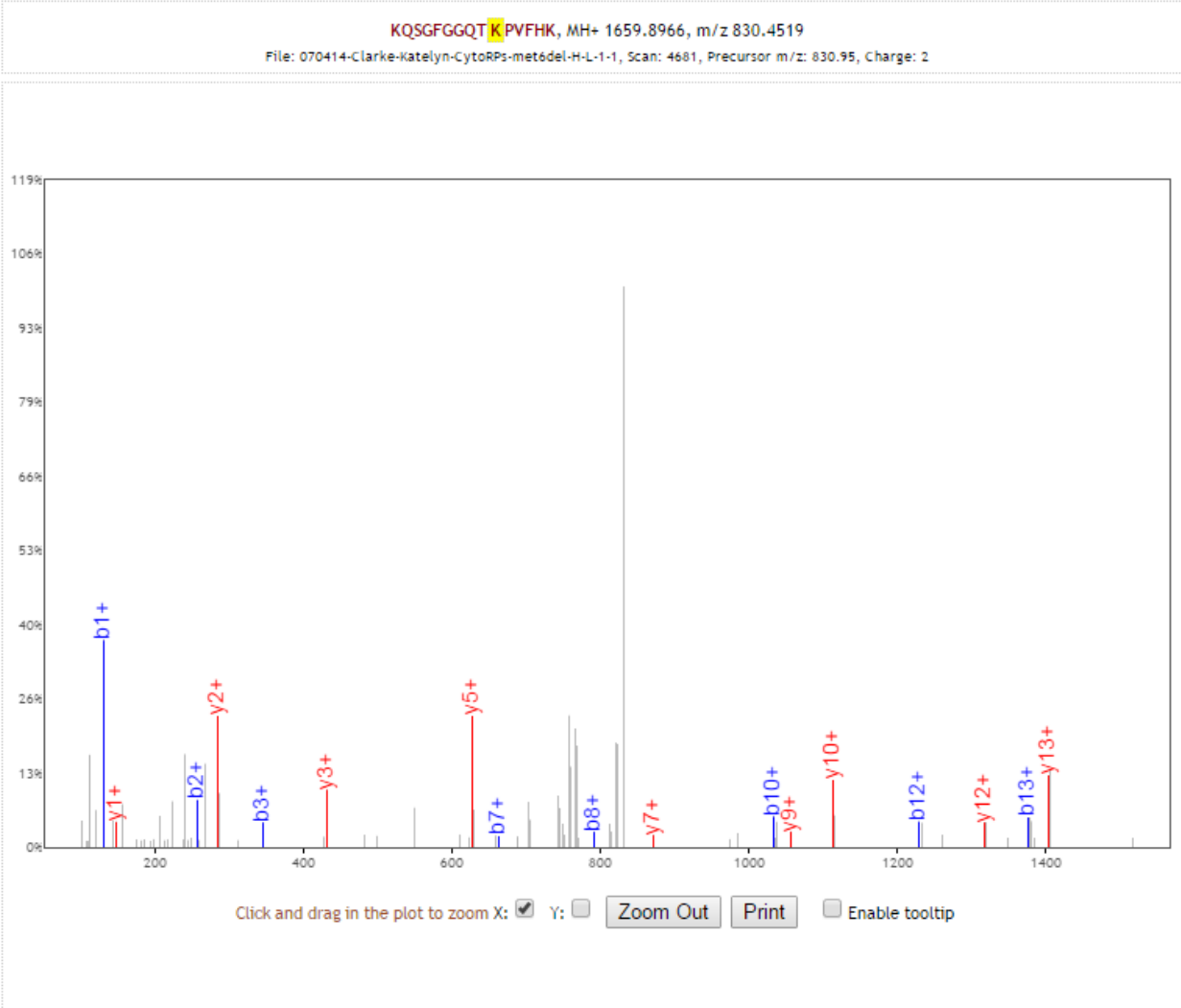
# Rpl42ab

## R.KQSGFGGQTmono**K**PVFHK.K [45, 59] (missed 1)



# Rpl42ab

R.KQSGFGGQTmono**K**PVFHK.K [45, 59] (missed 1)



b+	#	Seq #	y+
129.1022	1	K	15
257.1608	2	Q	14
344.1928	3	S	13
401.2143	4	G	12
548.2827	5	F	11
605.3042	6	G	10
662.3257	7	G	9
790.3842	8	Q	8
891.4319	9	T	7
1033.5426	10	<b>K</b>	6
1130.5953	11	P	5
1229.6637	12	V	4
1376.7322	13	F	3
1513.7911	14	H	2
	15	K	1

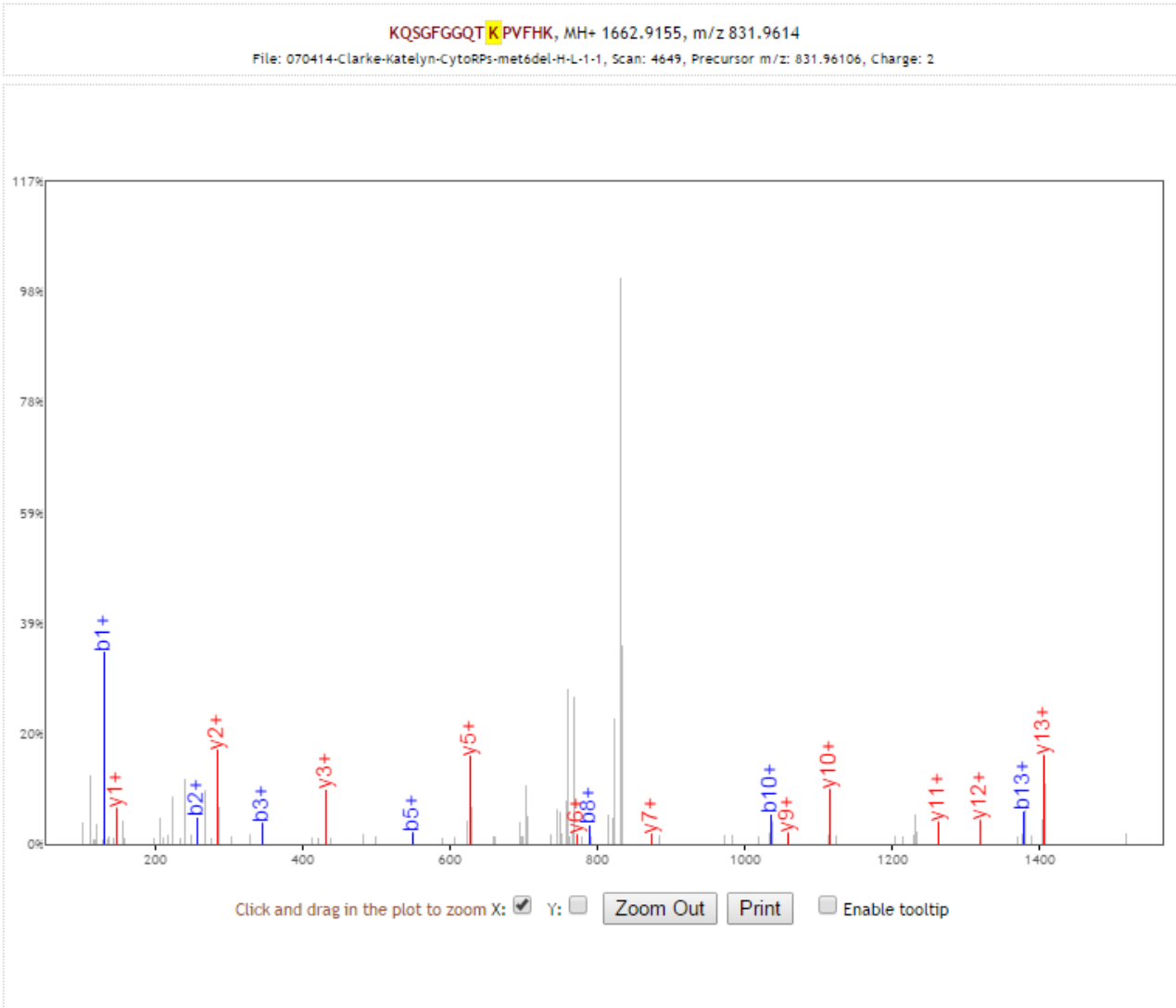
[\[Click\]](#) to move table

Static Modifications:  
C: 57.02146

Variable Modifications:  
K: 14.0157

# Rpl42ab

## R.KQSGFGGQTmono**K**PVFHK.K [45, 59] (missed 1)



b+	#	Seq #	y+
129.1022	1	K	15
257.1608	2	Q	14
344.1928	3	S	13
401.2143	4	G	12
548.2827	5	F	11
605.3042	6	G	10
662.3257	7	G	9
790.3842	8	Q	8
891.4319	9	T	7
1036.5615	10	<b>K</b>	6
1133.6142	11	P	5
1232.6826	12	V	4
1379.7511	13	F	3
1516.8100	14	H	2
	15	K	1

[\[click\]](#) to move table

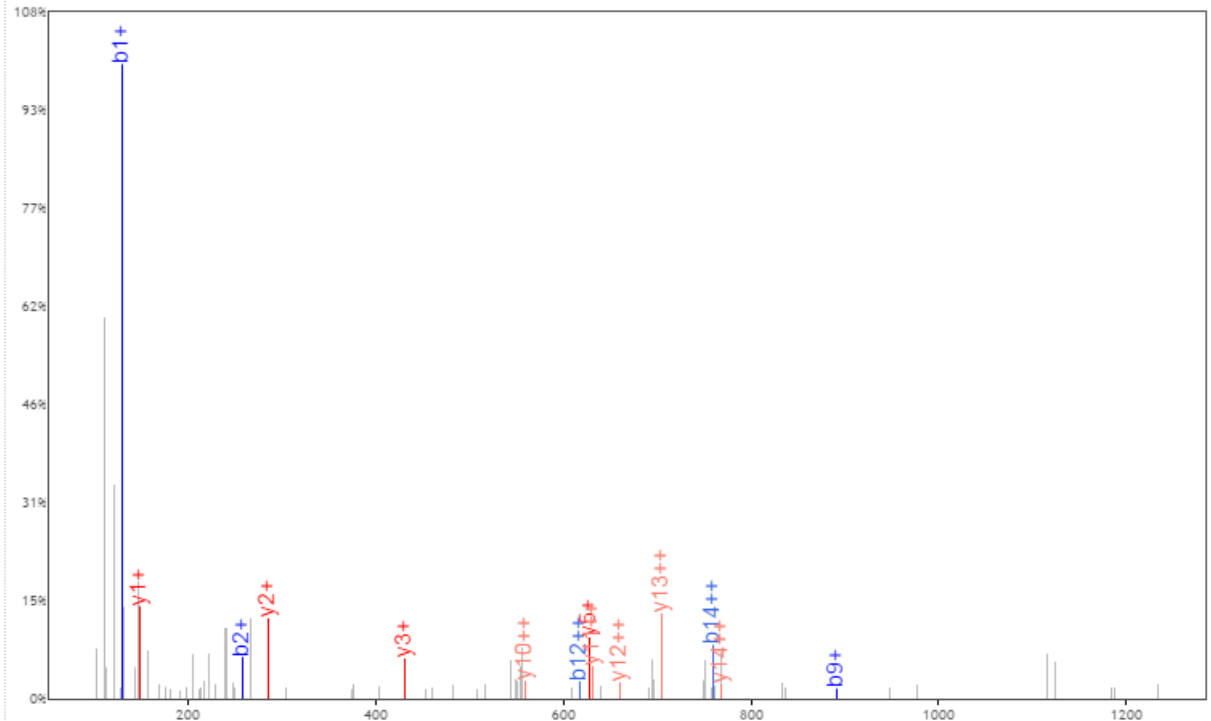
Static Modifications:  
 C: 57.02146  
 M: 3.0189

Variable Modifications:  
 K: 17.0346

# Rpl42ab

## R.KQSGFGGQTmono**K**PVFHK.K [45, 59] (missed 1)

KQSGFGGQT**K**PVFHK, MH+ 1662.9155, m/z 554.9767  
 File: 070414-Clarke-Katelyn-CytoRPs-met6del-H-L-1-1, Scan: 4574, Precursor m/z: 555.31055, Charge: 3



Click and drag in the plot to zoom X:  Y:     Enable tooltip

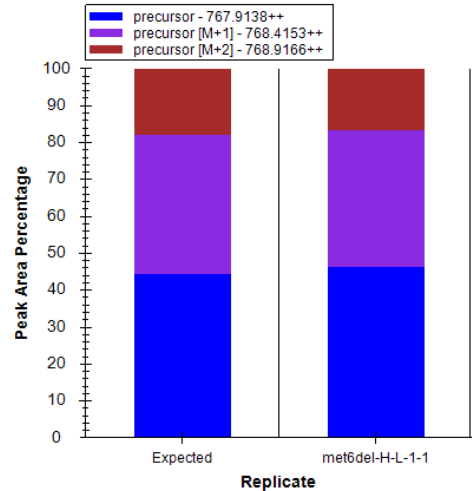
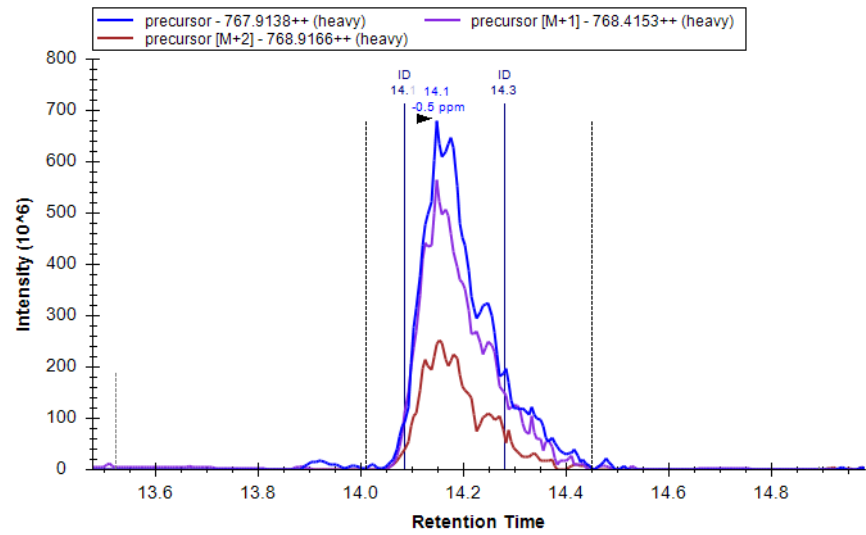
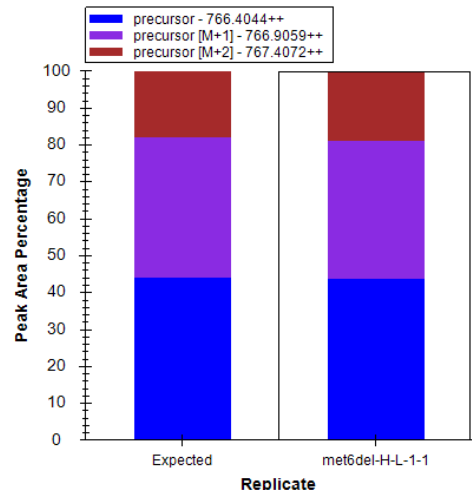
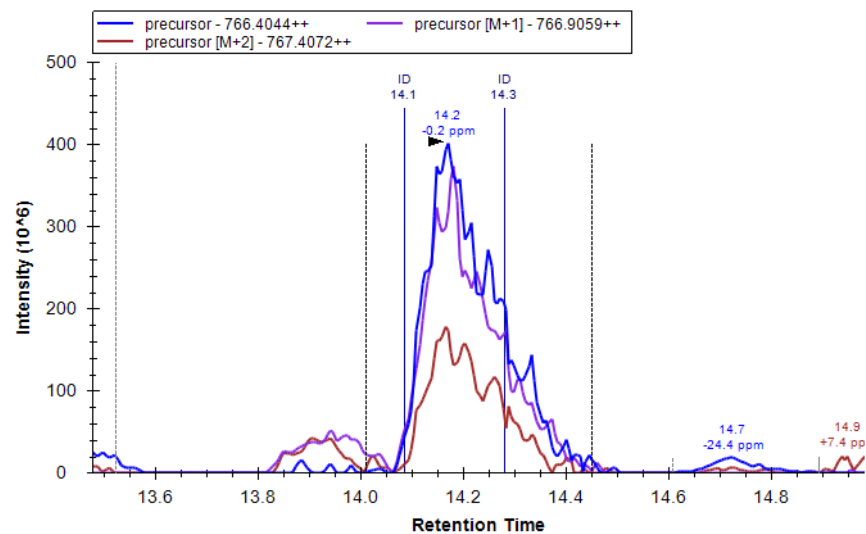
b+	b2+	#	Seq	#	y+	y2+
129.1022	65.0548	1	K	15		
257.1608	129.0840	2	Q	14	1534.8205	767.9139
344.1928	172.6001	3	S	13	1406.7620	703.8846
401.2143	201.1108	4	G	12	1319.7299	660.3686
548.2827	274.6450	5	F	11	1262.7085	631.8579
605.3042	303.1557	6	G	10	1115.6401	558.3237
662.3257	331.6665	7	G	9	1058.6186	529.8129
790.3842	395.6958	8	Q	8	1001.5971	501.3022
891.4319	446.2196	9	T	7	873.5385	437.2729
1036.5615	518.7844	10	K	6	772.4909	386.7491
1133.6142	567.3108	11	P	5	627.3613	314.1843
1232.6826	616.8450	12	V	4	530.3085	265.6579
1379.7511	690.3792	13	F	3	431.2401	216.1237
1516.8100	758.9086	14	H	2	284.1717	142.5895
		15	K	1	147.1128	74.0600

[\[Click\]](#) to move table

Static Modifications:  
 C: 57.02146  
 M: 3.0189  
 Variable Modifications:  
 K: 17.0346

# Rpl42ab

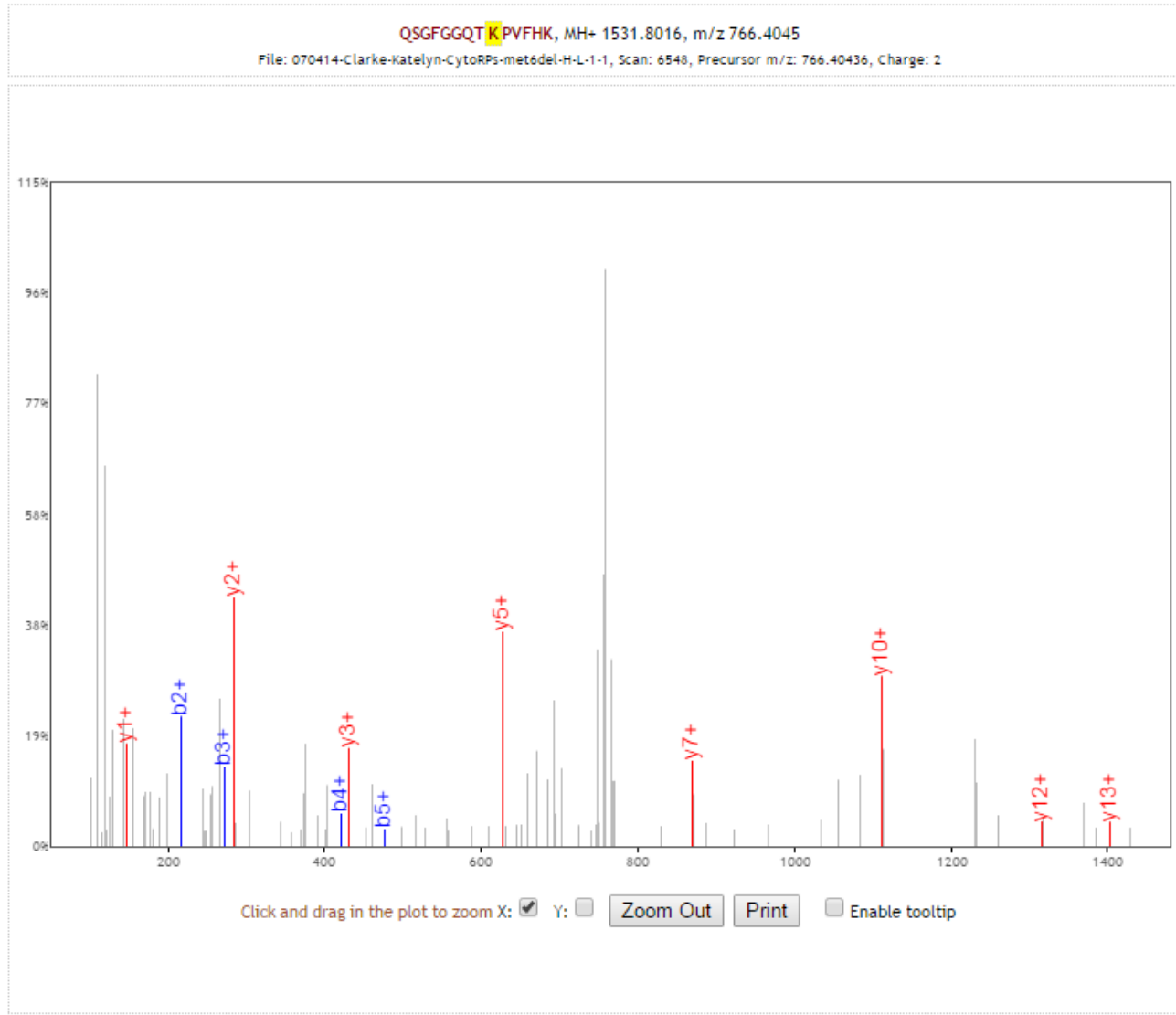
## K.QSGFGGQTmono**K**PVFHK.K [46, 59]



Replicate 1

# Rpl42ab

K.QSGFGGQTmono**K**PVFHK.K [46, 59]



b+	#	Seq #	y+
129.0659	1	Q 14	
216.0979	2	S 13	1403.7431
273.1193	3	G 12	1316.7110
420.1878	4	F 11	1259.6896
477.2092	5	G 10	1112.6212
534.2307	6	G 9	1055.5997
662.2893	7	Q 8	998.5782
763.3369	8	T 7	870.5196
905.4476	9	<b>K</b> 6	769.4720
1002.5004	10	P 5	627.3613
1101.5688	11	V 4	530.3085
1248.6372	12	F 3	431.2401
1385.6961	13	H 2	284.1717
	14	K 1	147.1128

[\[Click\]](#) to move table  
 Static Modifications:  
 C: 57.02146  
 Variable Modifications:  
 K: 14.0157

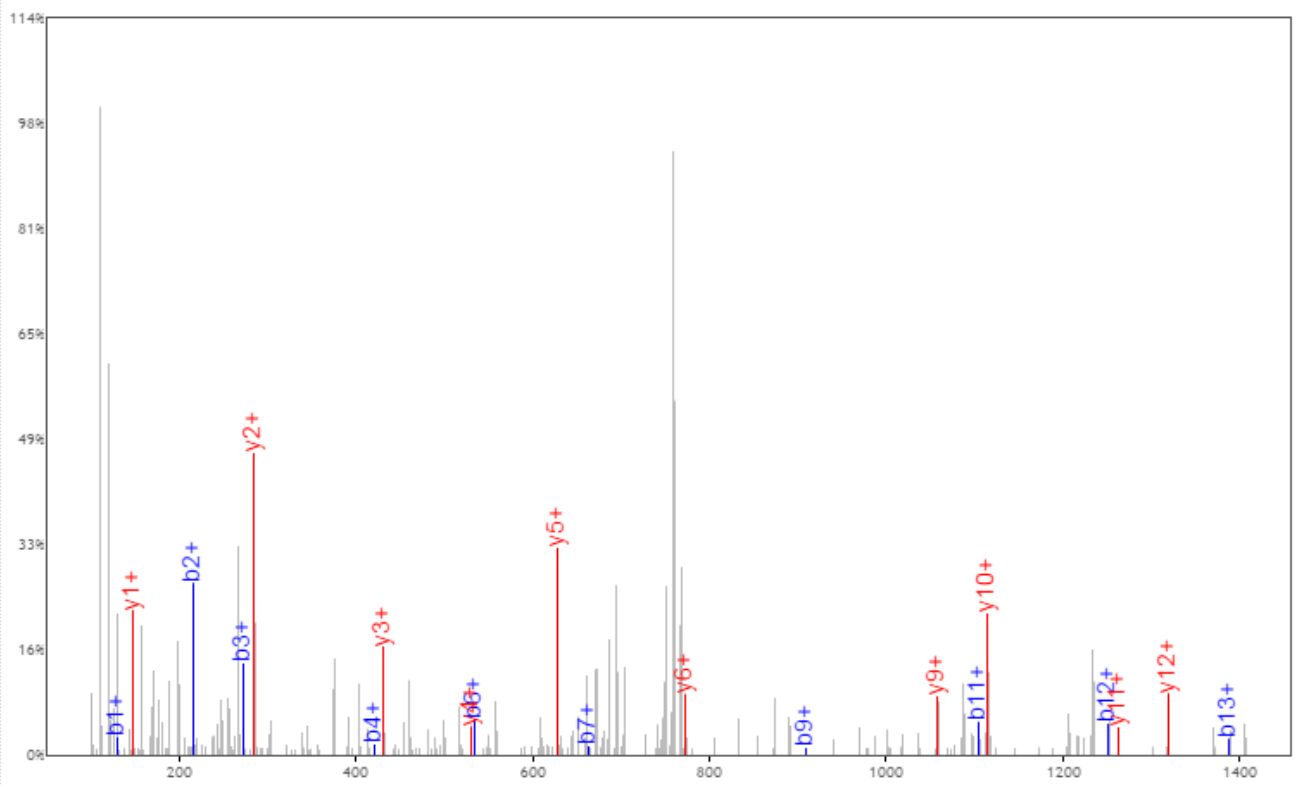


# Rpl42ab

## K.QSGFGGQTmono**K**PVFHK.K [46, 59]

QSGFGGQT**K**PVFHK, MH+ 1534.8205, m/z 767.9139

File: 070414-Clarke-Katelyn-CytoRPs-met6del-H-L-1-1, Scan: 6441, Precursor m/z: 767.91364, Charge: 2



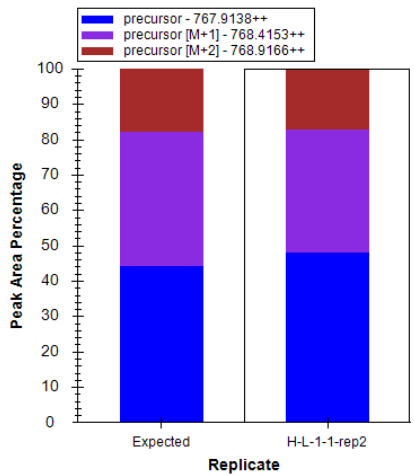
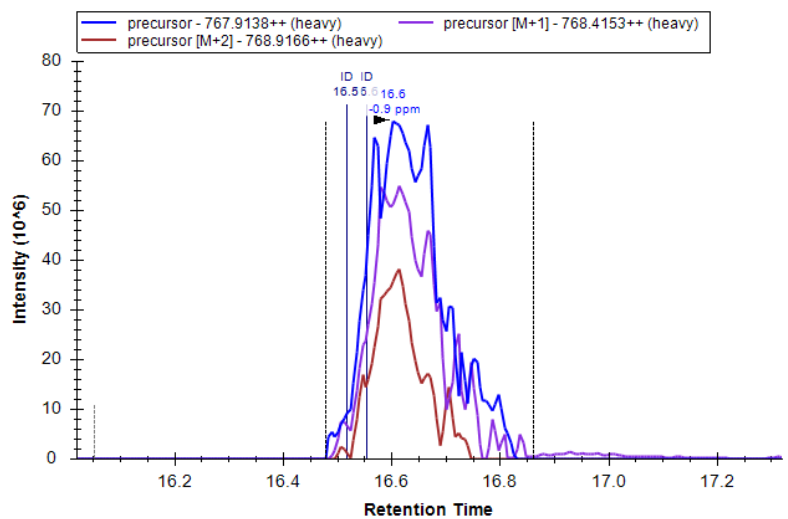
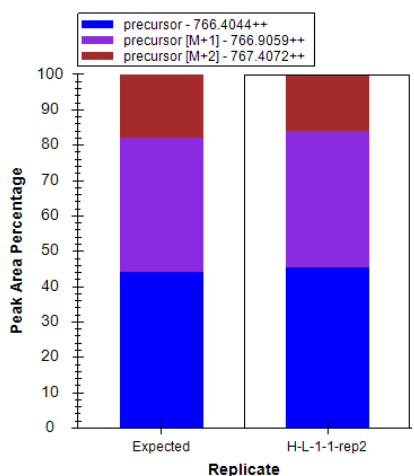
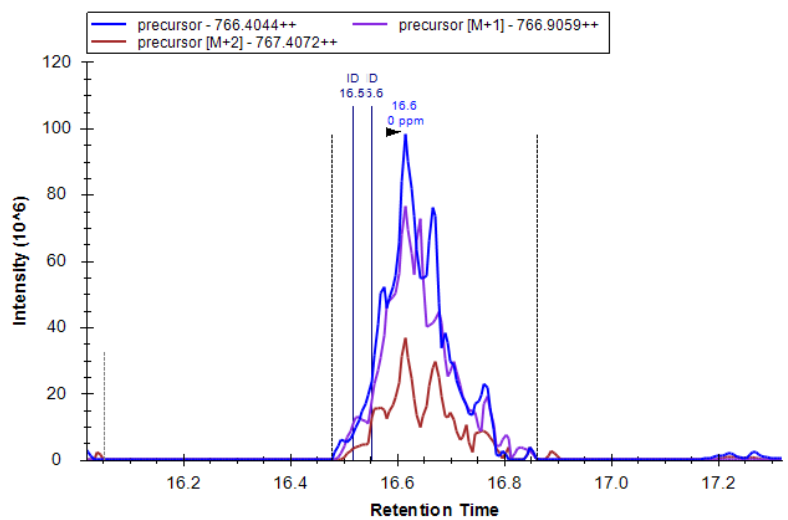
b+	#	Seq #	y+
129.0659	1	Q 14	
216.0979	2	S 13	1406.7620
273.1193	3	G 12	1319.7299
420.1878	4	F 11	1262.7085
477.2092	5	G 10	1115.6401
534.2307	6	G 9	1058.6186
662.2893	7	Q 8	1001.5971
763.3369	8	T 7	873.5385
908.4665	9	<b>K</b> 6	772.4909
1005.5193	10	P 5	627.3613
1104.5877	11	V 4	530.3085
1251.6561	12	F 3	431.2401
1388.7150	13	H 2	284.1717
	14	K 1	147.1128

[Click](#) to move table

Static Modifications:  
 C: 57.02146  
 M: 3.0189  
 Variable Modifications:  
 K: 17.0346

# Rpl42ab

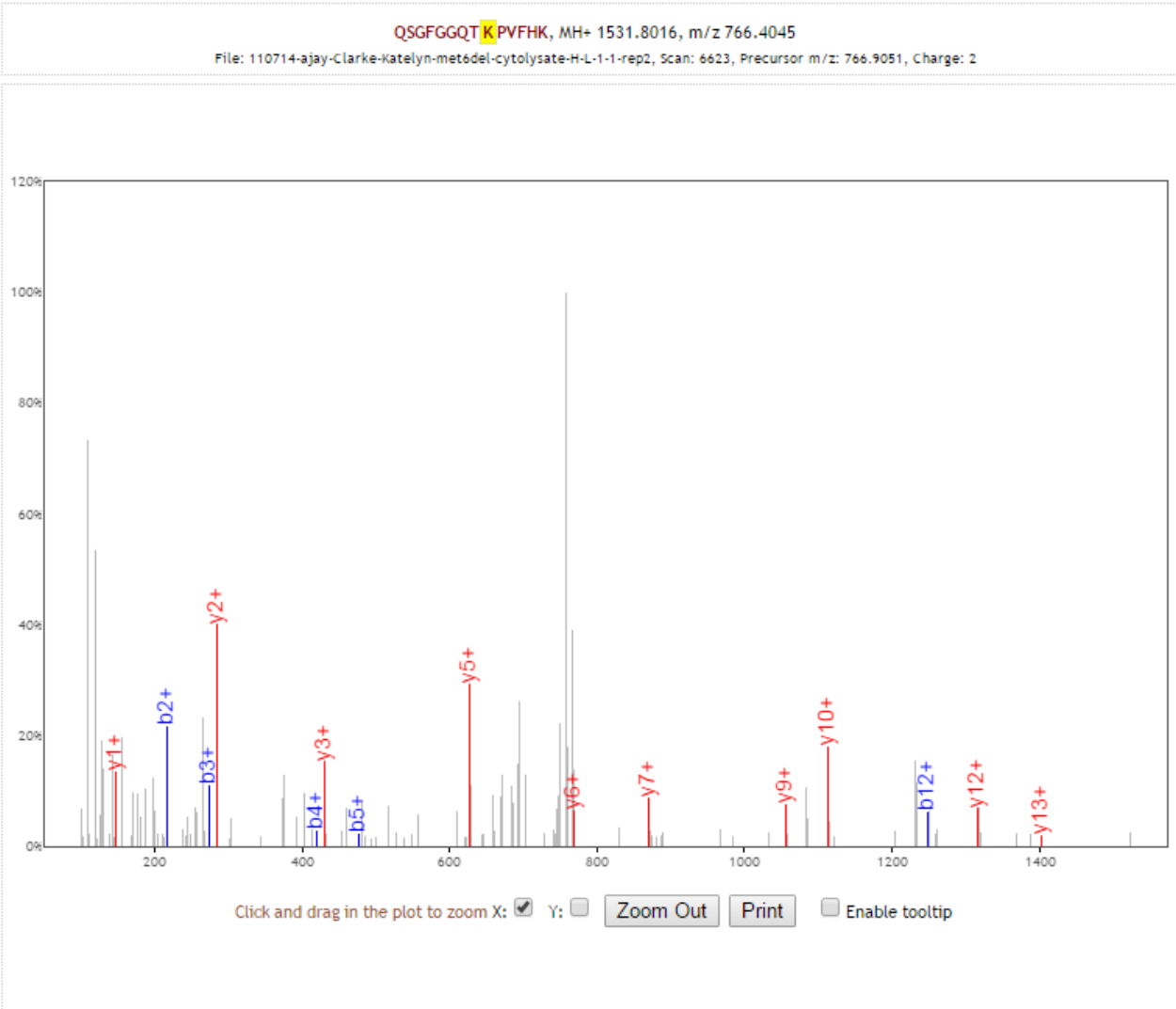
K.QSGFGGQTmono**K**PVFHK.K [46, 59]



Replicate 2

# Rpl42ab

## K.QSGFGGQTmono**K**PVFHK.K [46, 59]

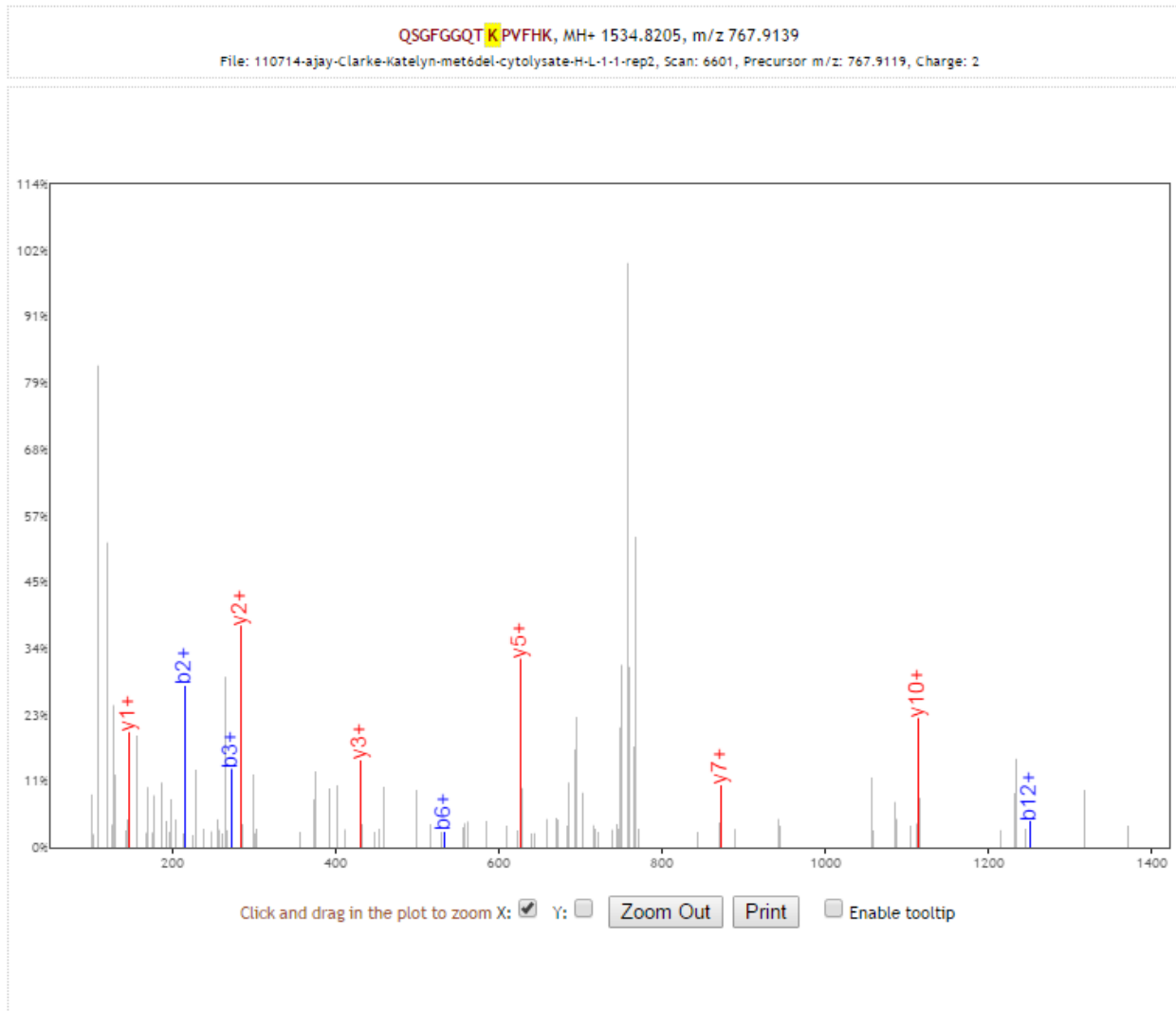


b+	#	Seq #	y+
129.0659	1	Q 14	
216.0979	2	S 13	1403.7431
273.1193	3	G 12	1316.7110
420.1878	4	F 11	1259.6896
477.2092	5	G 10	1112.6212
534.2307	6	G 9	1055.5997
662.2893	7	Q 8	998.5782
763.3369	8	T 7	870.5196
905.4476	9	K 6	769.4720
1002.5004	10	P 5	627.3613
1101.5688	11	V 4	530.3085
1248.6372	12	F 3	431.2401
1385.6961	13	H 2	284.1717
	14	K 1	147.1128

[\[click\]](#) to move table  
Static Modifications:  
C: 57.02146  
Variable Modifications:  
K: 14.0157

# Rpl42ab

## K.QSGFGGQTmono**K**PVFHK.K [46, 59]



b+	#	Seq	#	y+
129.0659	1	Q	14	
216.0979	2	S	13	1406.7620
273.1193	3	G	12	1319.7299
420.1878	4	F	11	1262.7085
477.2092	5	G	10	1115.6401
534.2307	6	G	9	1058.6186
662.2893	7	Q	8	1001.5971
763.3369	8	T	7	873.5385
908.4665	9	K	6	772.4909
1005.5193	10	P	5	627.3613
1104.5877	11	V	4	530.3085
1251.6561	12	F	3	431.2401
1388.7150	13	H	2	284.1717
	14	K	1	147.1128

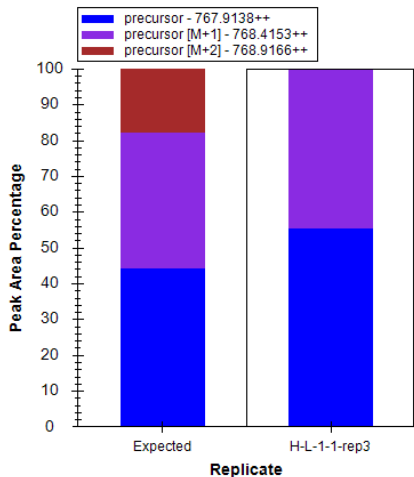
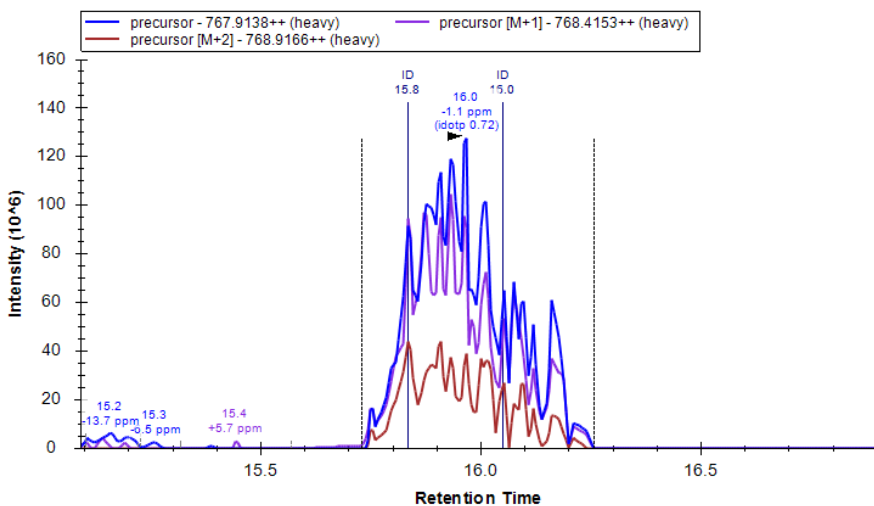
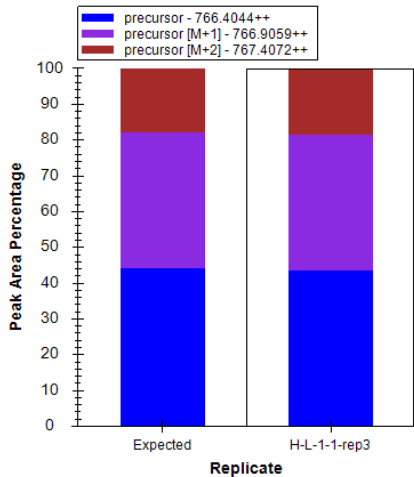
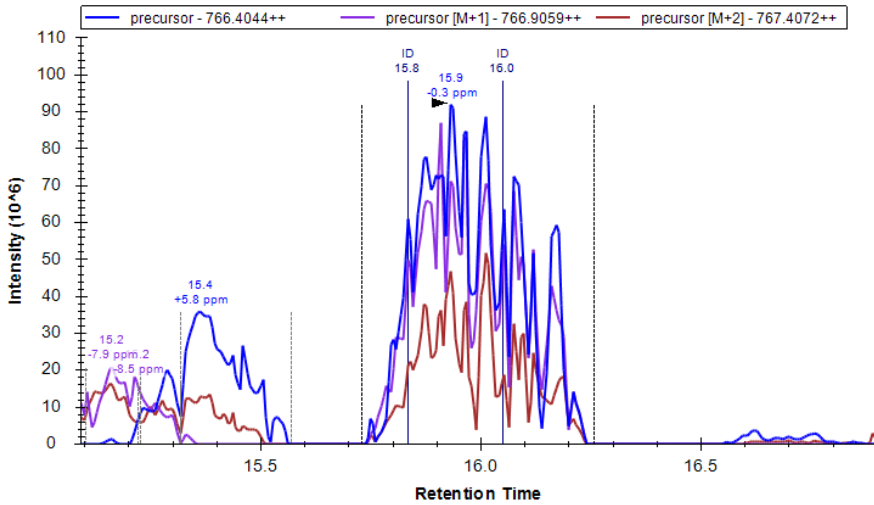
[\[Click\]](#) to move table

Static Modifications:  
C: 57.02146  
M: 3.0189

Variable Modifications:  
K: 17.0346

# Rpl42ab

K.QSGFGGQTmono**K**PVFHK.K [46, 59]



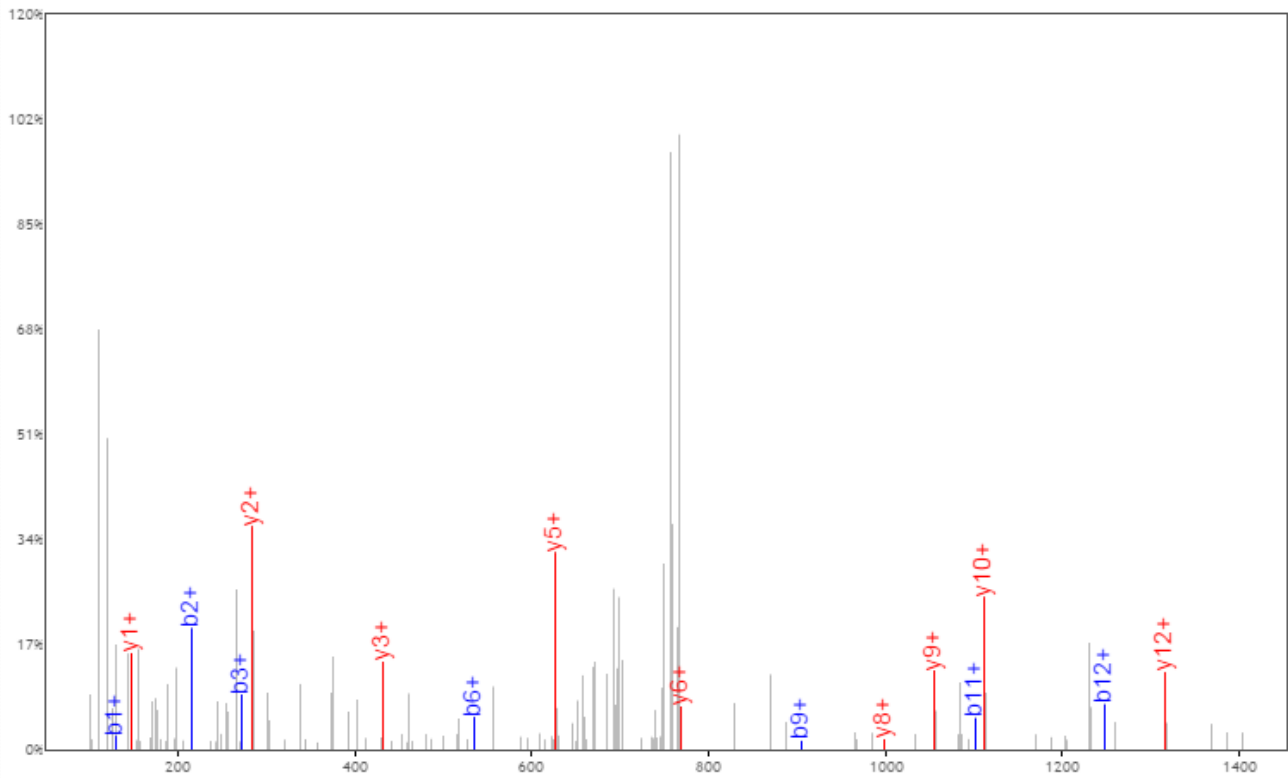
Replicate 3

# Rpl42ab

## K.QSGFGGQTmono**K**PVFHK.K [46, 59]

QSGFGGQT**K**PVFHK, MH+ 1531.8016, m/z 766.4045

File: 110714-ajay-Clarke-Katelyn-metódel-cytolysate-H-L-1-1-rep3, Scan: 6601, Precursor m/z: 766.4032, Charge: 2



Click and drag in the plot to zoom X:  Y:     Enable tooltip

b+	#	Seq	#	y+
129.0659	1	Q	14	
216.0979	2	S	13	1403.7431
273.1193	3	G	12	1316.7110
420.1878	4	F	11	1259.6896
477.2092	5	G	10	1112.6212
534.2307	6	G	9	1055.5997
662.2893	7	Q	8	998.5782
763.3369	8	T	7	870.5196
905.4476	9	K	6	769.4720
1002.5004	10	P	5	627.3613
1101.5688	11	V	4	530.3085
1248.6372	12	F	3	431.2401
1385.6961	13	H	2	284.1717
	14	K	1	147.1128

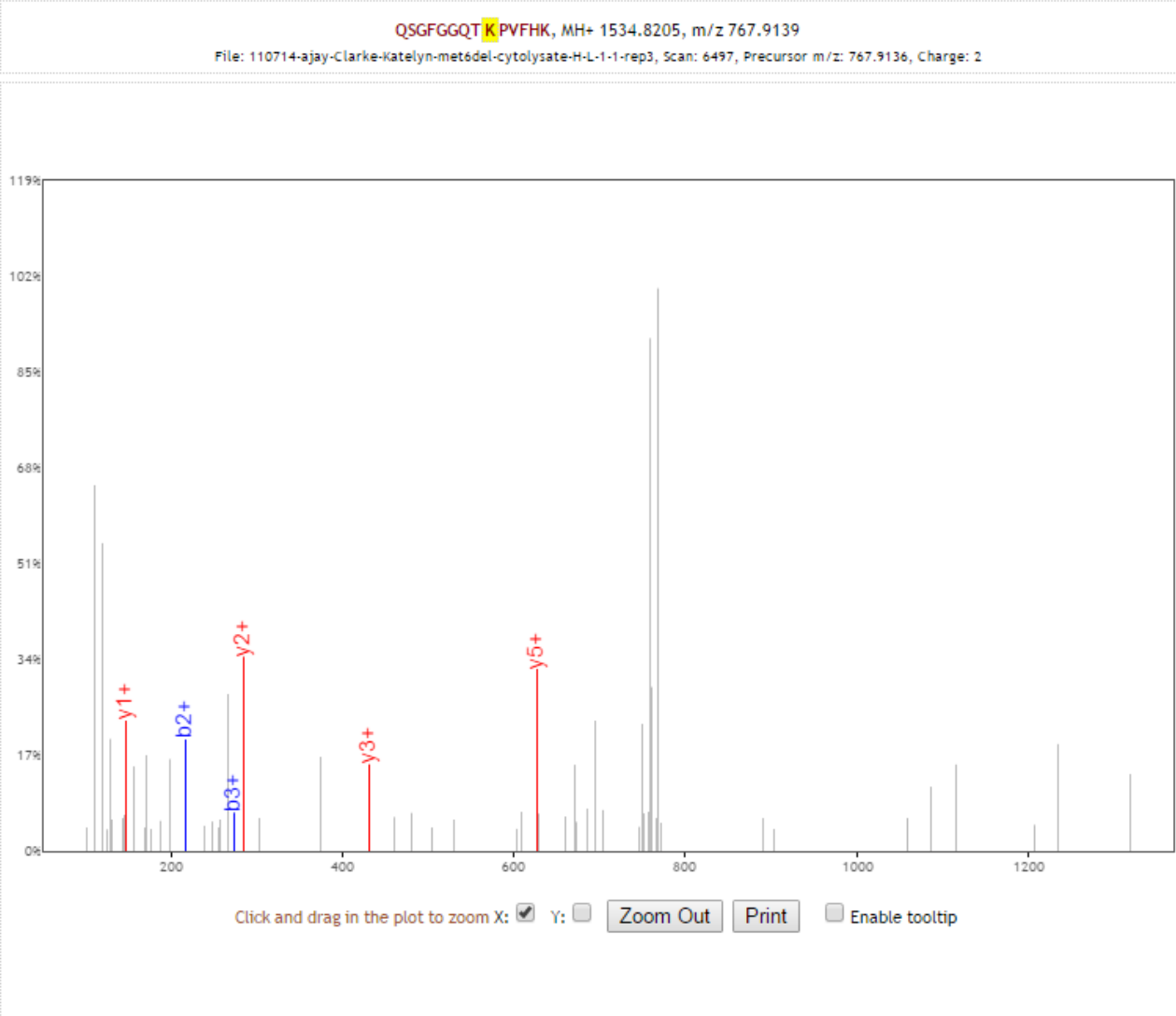
[click] to move table

Static Modifications:  
C: 57.02146

Variable Modifications:  
K: 14.0157

# Rpl42ab

K.QSGFGGQTmono**K**PVFHK.K [46, 59]



b+	#	Seq #	y+
129.0659	1	Q	14
216.0979	2	S	13
273.1193	3	G	12
420.1878	4	F	11
477.2092	5	G	10
534.2307	6	G	9
662.2893	7	Q	8
763.3369	8	T	7
908.4665	9	K	6
1005.5193	10	P	5
1104.5877	11	V	4
1251.6561	12	F	3
1388.7150	13	H	2
	14	K	1

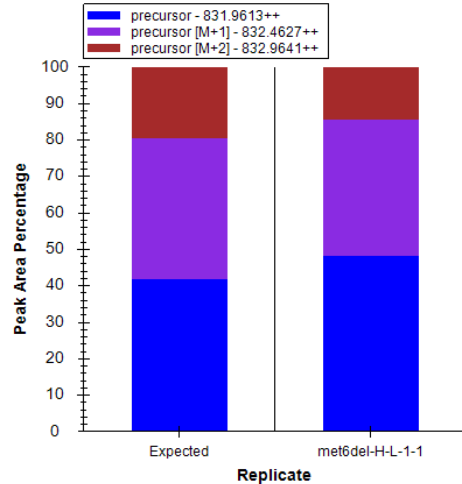
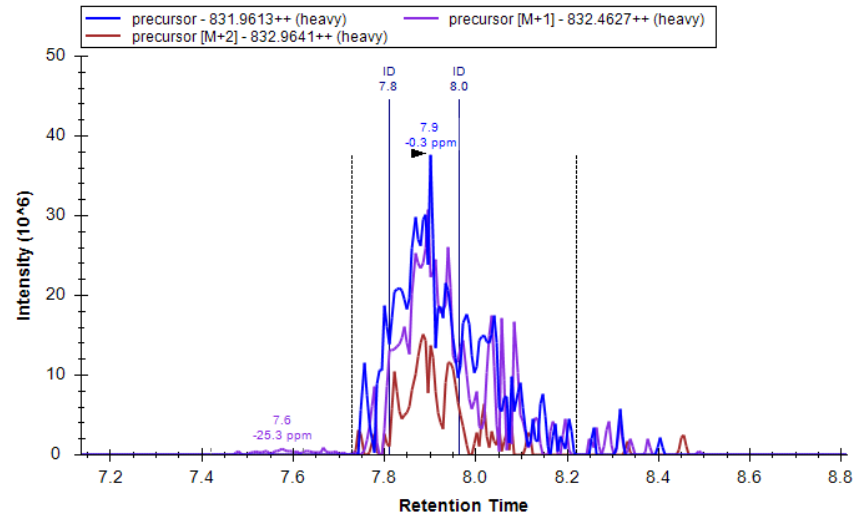
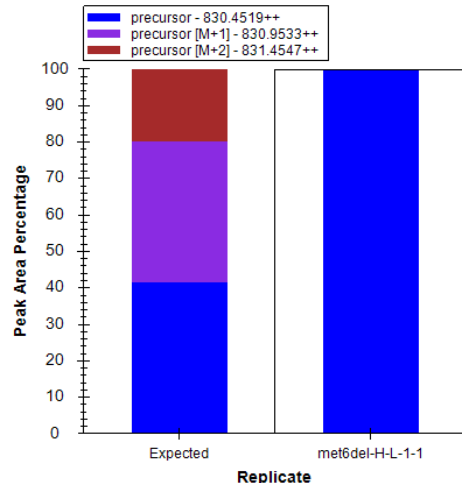
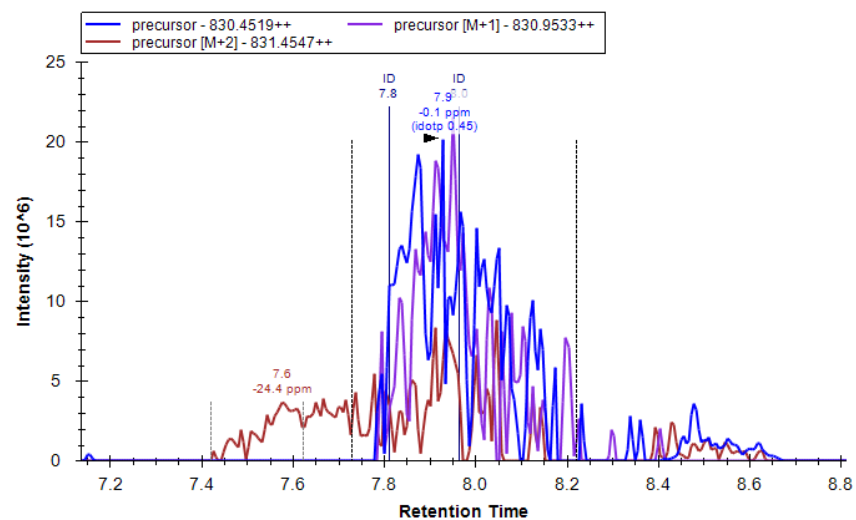
[\[click\]](#) to move table

Static Modifications:  
 C: 57.02146  
 M: 3.0189

Variable Modifications:  
 K: 17.0346

# Rpl42ab

K.QSGFGGQTKPVFHKK.A [46, 60] (missed 1)

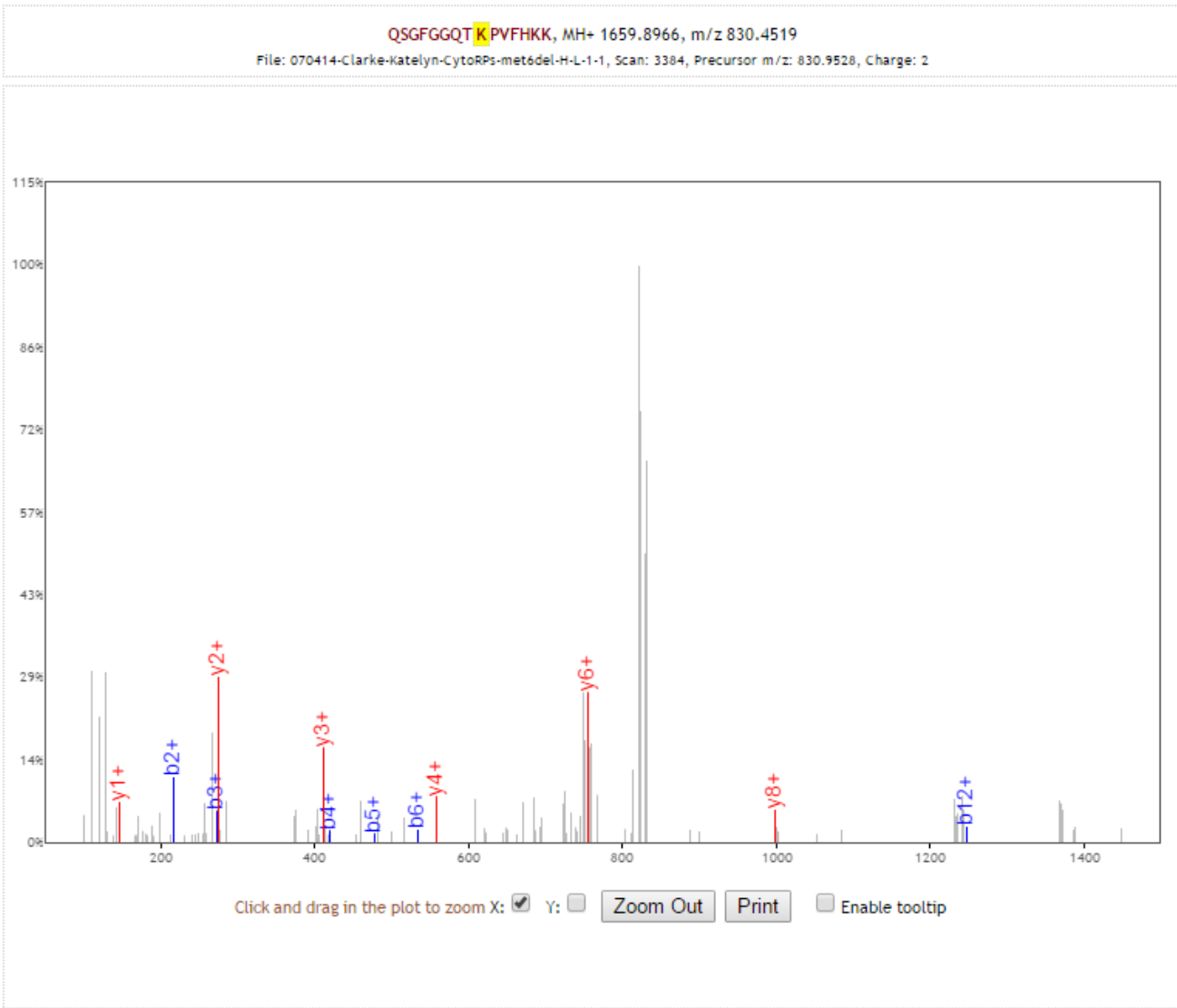


Replicate 1



# Rpl42ab

## K.QSGFGGQT**K**PVFHKK.A [46, 60] (missed 1)

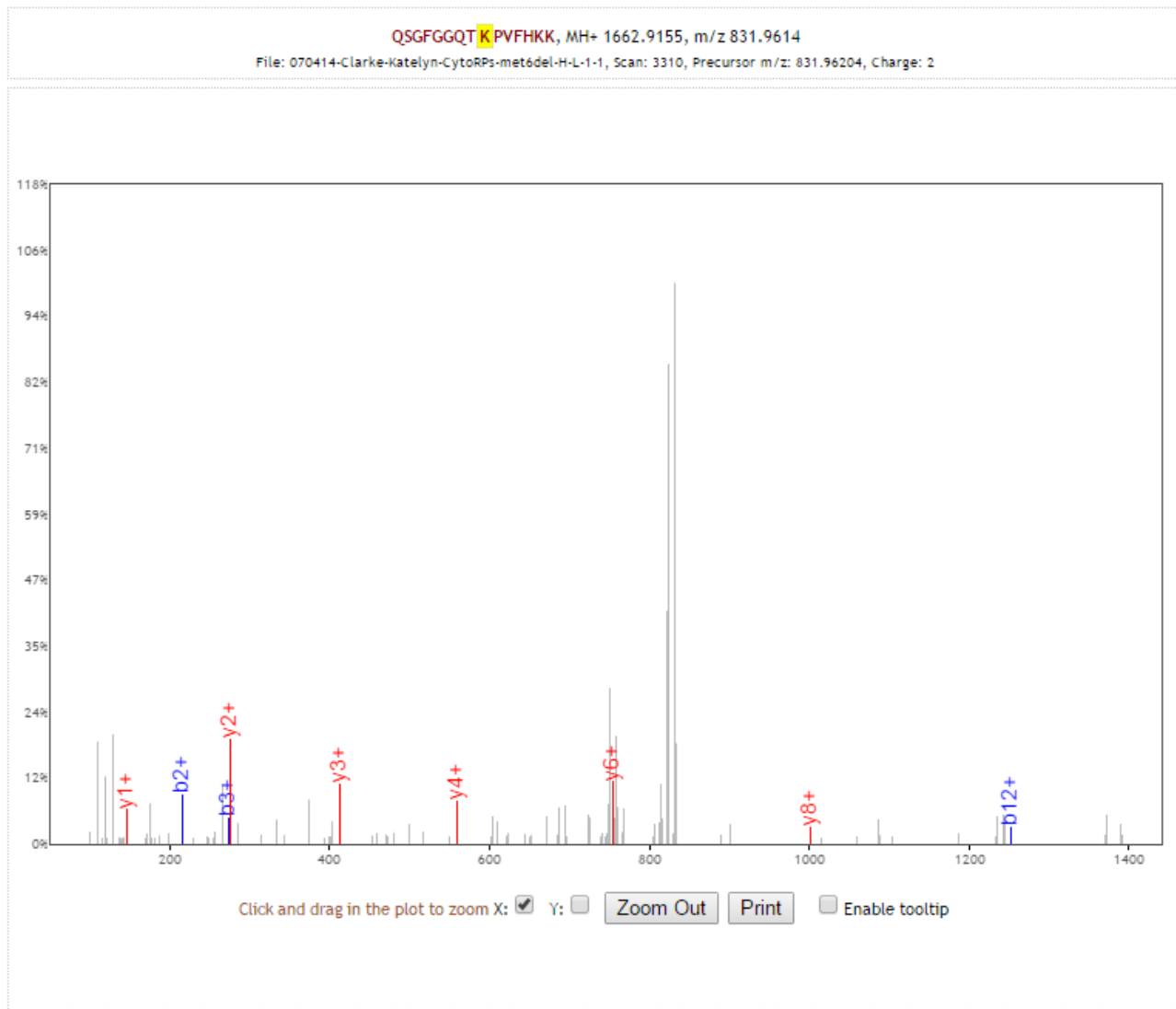


b+	#	Seq #	y+	
129.0659	1	Q	15	
216.0979	2	S	14	1531.8380
273.1193	3	G	13	1444.8060
420.1878	4	F	12	1387.7845
477.2092	5	G	11	1240.7161
534.2307	6	G	10	1183.6947
662.2893	7	Q	9	1126.6732
763.3369	8	T	8	998.6146
905.4476	9	K	7	897.5669
1002.5004	10	P	6	755.4563
1101.5688	11	V	5	658.4035
1248.6372	12	F	4	559.3351
1385.6961	13	H	3	412.2667
1513.7911	14	K	2	275.2078
	15	K	1	147.1128

[\[Click\]](#) to move table  
Static Modifications:  
C: 57.02146  
Variable Modifications:  
K: 14.0157

# Rpl42ab

K.QSGFGGQTKPVFHKK.A [46, 60] (missed 1)



b+	#	Seq	#	y+
129.0659	1	Q	15	
216.0979	2	S	14	1534.8569
273.1193	3	G	13	1447.8249
420.1878	4	F	12	1390.8034
477.2092	5	G	11	1243.7350
534.2307	6	G	10	1186.7136
662.2893	7	Q	9	1129.6921
763.3369	8	T	8	1001.6335
908.4665	9	K	7	900.5858
1005.5193	10	P	6	755.4563
1104.5877	11	V	5	658.4035
1251.6561	12	F	4	559.3351
1388.7150	13	H	3	412.2667
1516.8100	14	K	2	275.2078
	15	K	1	147.1128

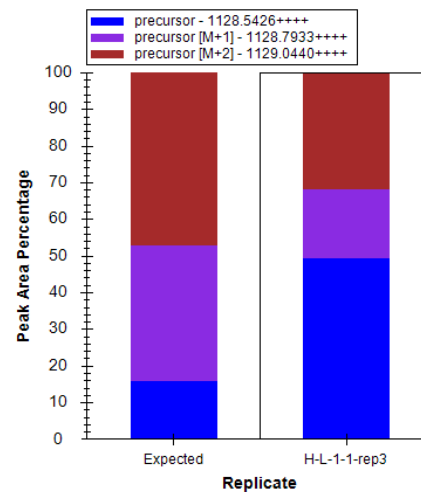
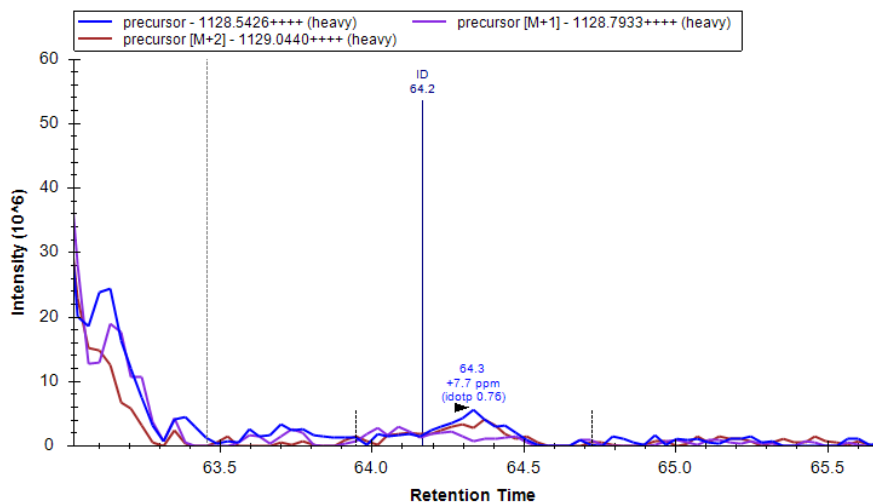
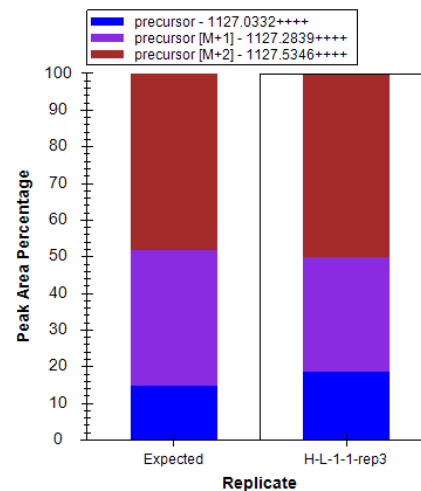
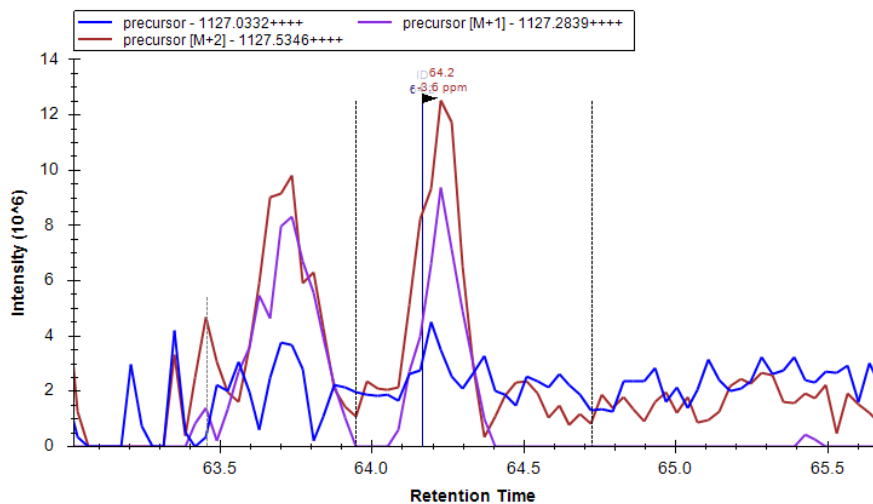
[\[Click\]](#) to move table

Static Modifications:  
 C: 57.02146  
 M: 3.0189

Variable Modifications:  
 K: 17.0346

# Hsp26

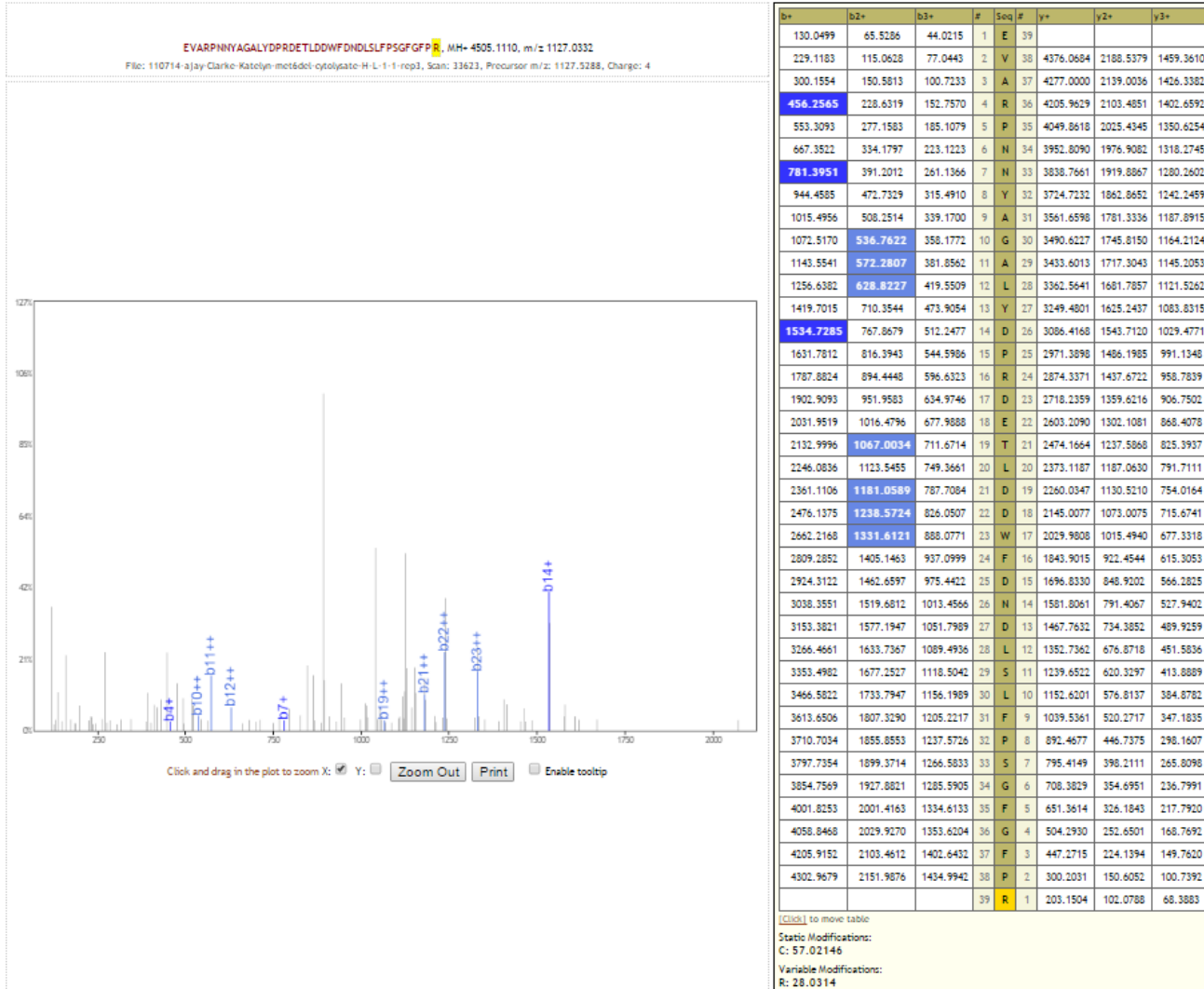
K.EVARPNYAGALYDPRDETLDDWFDNDLSLFP SGFGFPdi**R**.S [50, 88] (missed 1)



Replicate 3

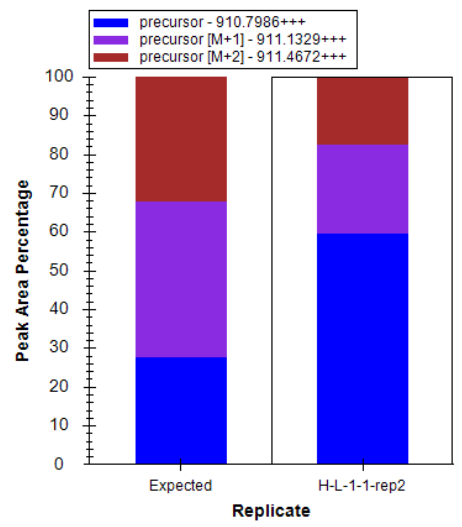
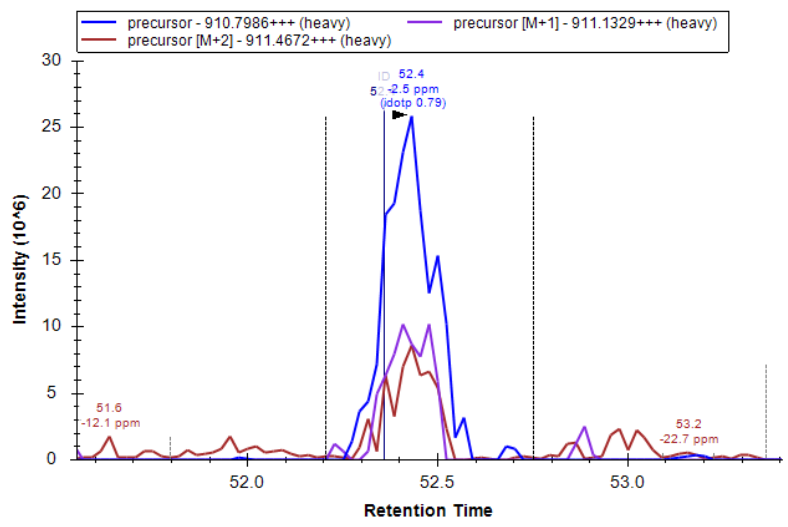
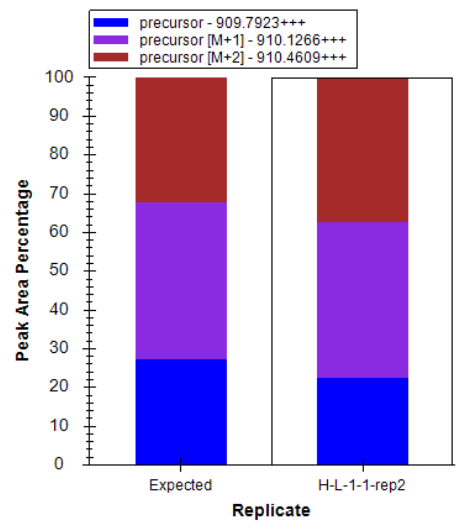
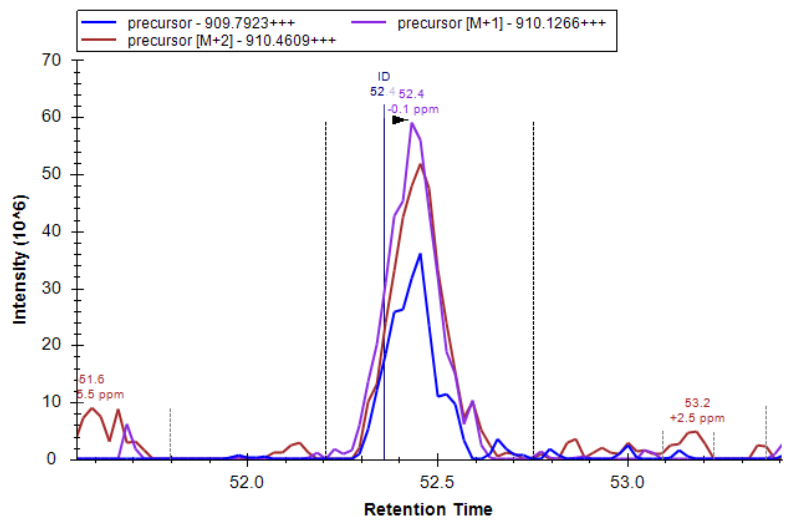
# Hsp26

# K.EVARNNYAGALYDPRDETLDDWFDNDLSLFPSTGFGFPdiR.S [50, 88] (missed 1)



# Ssa4

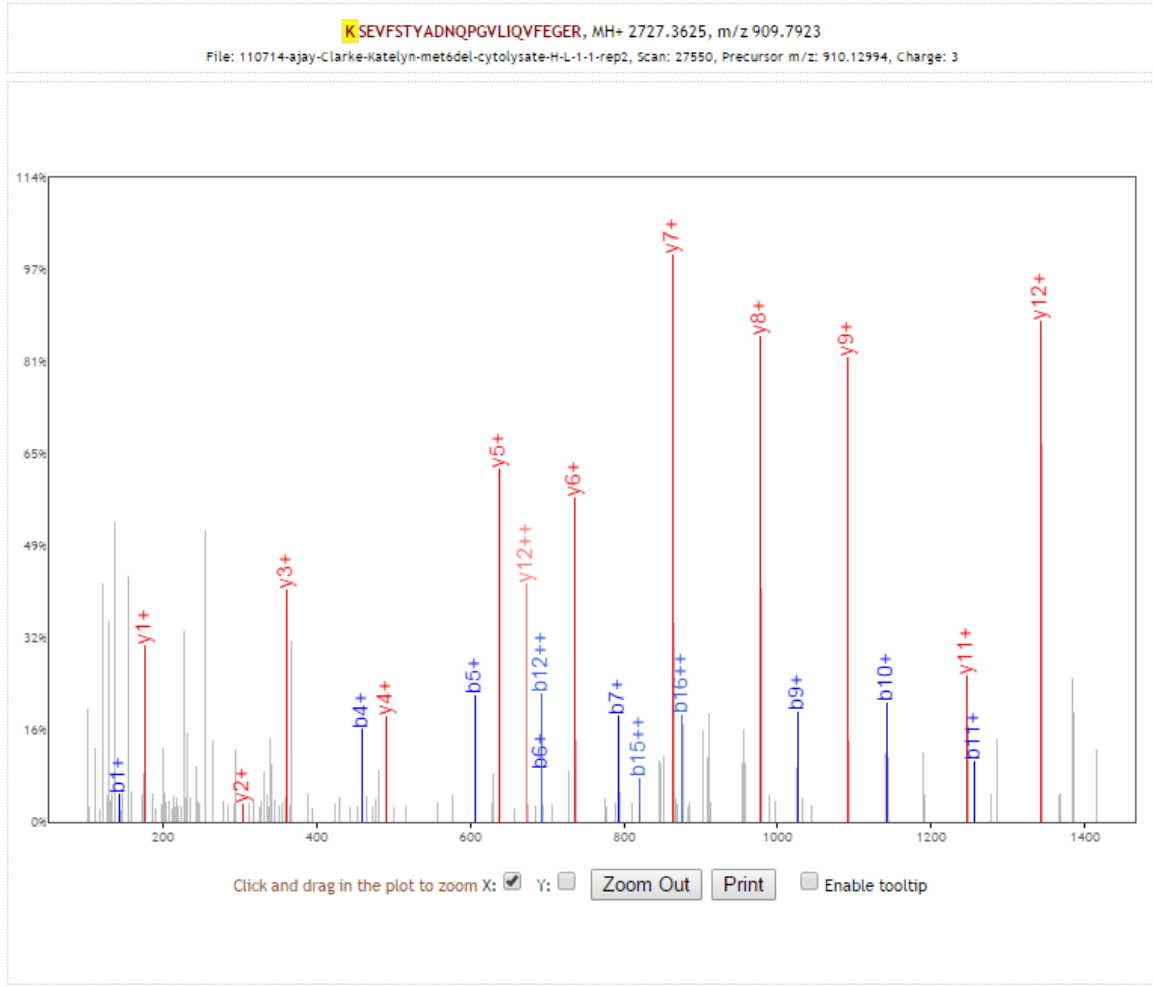
K.mono**K**SEVFSTYADNQPGLIQLVFEGE.R.T [421, 444] (missed 1)



Replicate 2

# Ssa4

## K.mono**K**SEVFSTYADNQPGLIQVFEGE.R.T [421, 444] (missed 1)

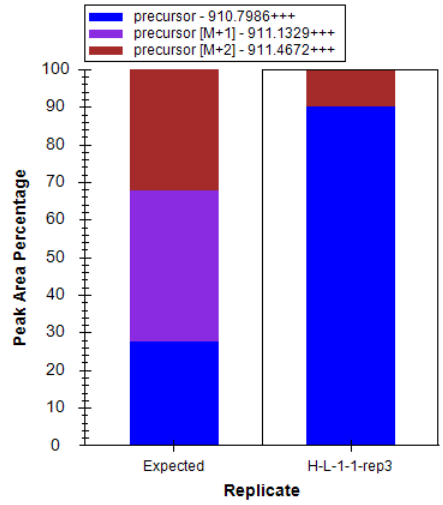
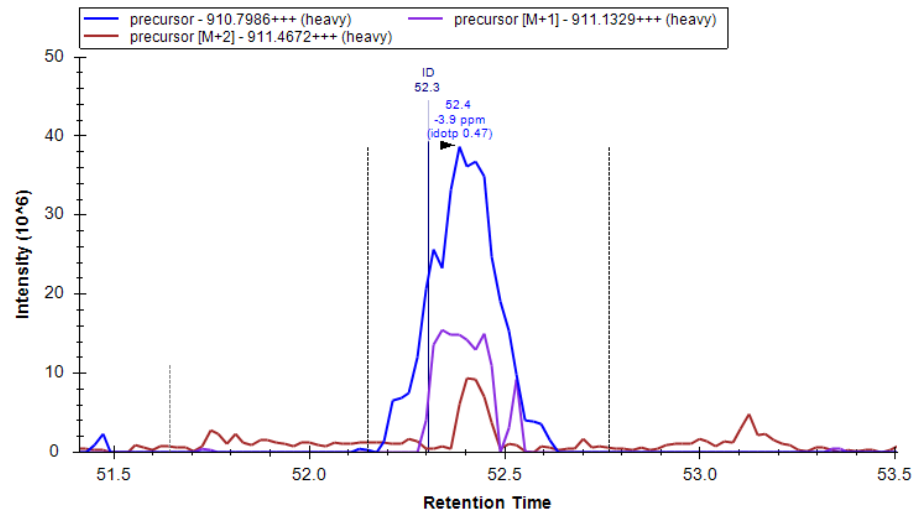
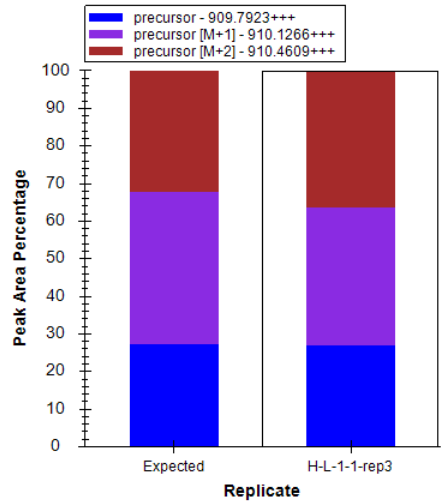
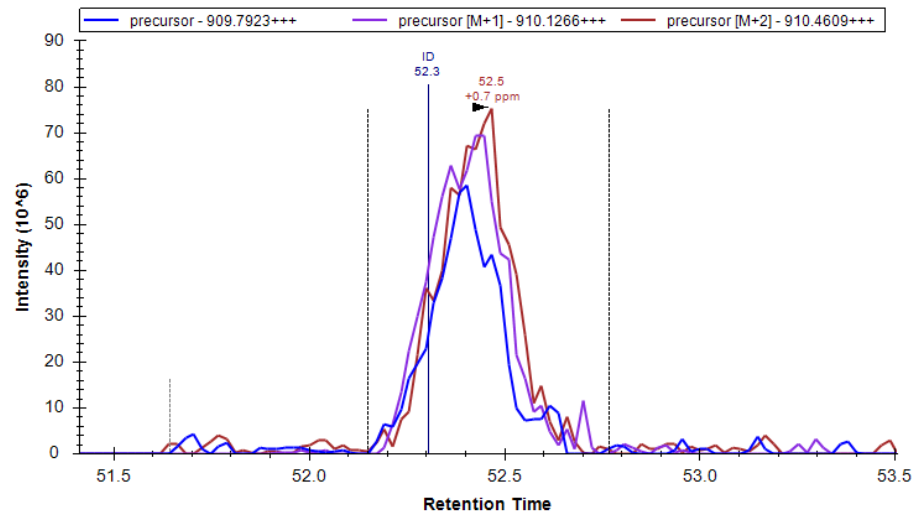


b+	b2+	#	Seq	#	y+	y2+
143.1179	72.0626	1	K	24		
230.1500	115.5786	2	S	23	2585.2518	1293.1295
359.1926	180.0999	3	E	22	2498.2198	1249.6135
458.2610	229.6341	4	V	21	2369.1772	1185.0922
605.3294	303.1683	5	F	20	2270.1088	1135.5580
692.3614	346.6843	6	S	19	2123.0404	1062.0238
793.4091	397.2082	7	T	18	2036.0083	1018.5078
956.4724	478.7399	8	Y	17	1934.9607	967.9840
1027.5095	514.2584	9	A	16	1771.8973	886.4523
1142.5365	571.7719	10	D	15	1700.8602	850.9338
1256.5794	628.7933	11	N	14	1585.8333	793.4203
1384.6380	692.8226	12	Q	13	1471.7904	736.3988
1481.6907	741.3490	13	P	12	1343.7318	672.3695
1538.7122	769.8597	14	G	11	1246.6790	623.8431
1637.7806	819.3940	15	V	10	1189.6575	595.3324
1750.8647	875.9360	16	L	9	1090.5891	545.7982
1863.9488	932.4780	17	I	8	977.5051	489.2562
1992.0073	996.5073	18	Q	7	864.4210	432.7141
2091.0757	1046.0415	19	V	6	736.3624	368.6849
2238.1442	1119.5757	20	F	5	637.2940	319.1506
2367.1868	1184.0970	21	E	4	490.2256	245.6164
2424.2082	1212.6077	22	G	3	361.1830	181.0951
2553.2508	1277.1290	23	E	2	304.1615	152.5844
		24	R	1	175.1190	88.0631

[\[click\]](#) to move table  
 Static Modifications:  
 C: 57.02146  
 Variable Modifications:  
 K: 14.0157

# Ssa4

K.mono**K**SEVFSTYADNQPGLIQLVFEGE.R.T [421, 444] (missed 1)



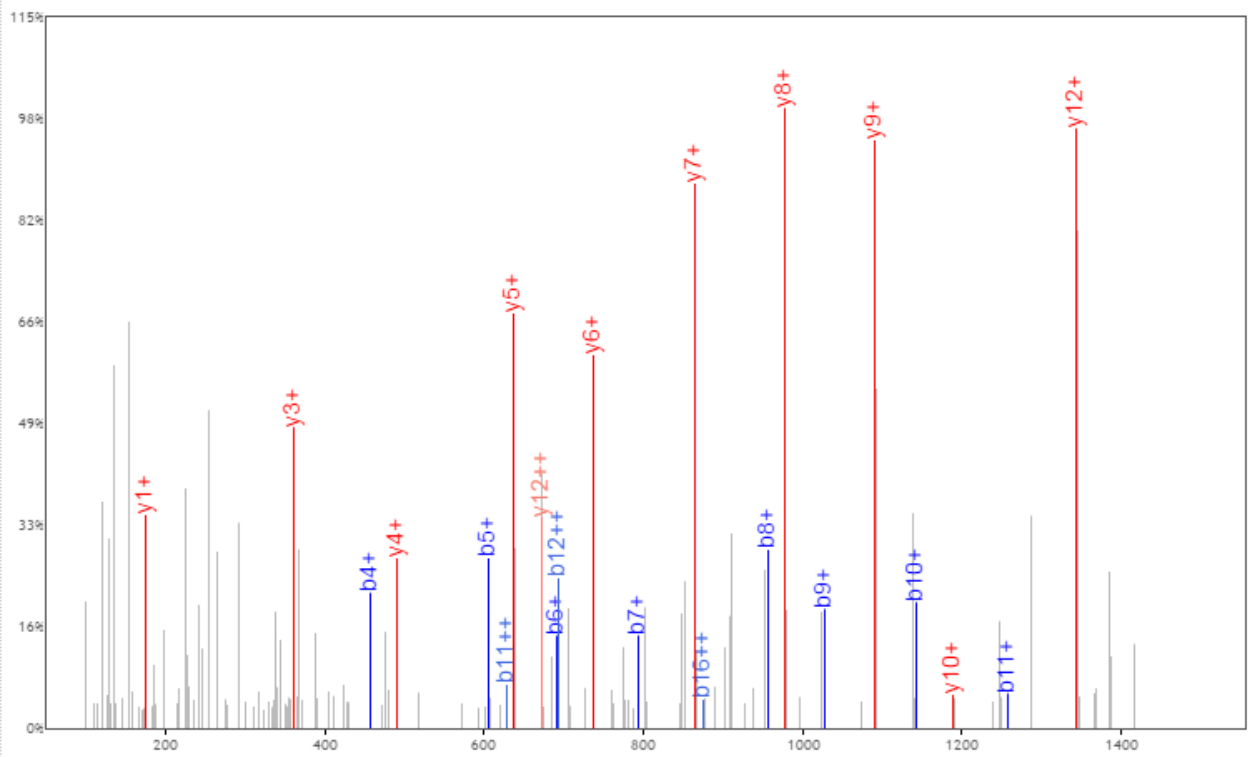
Replicate 3

# Ssa4

## K.mono**K**SEVFSTYADNQPGLVLIQVFEGE.R.T [421, 444] (missed 1)

**K**SEVFSTYADNQPGLVLIQVFEGE.R, MH+ 2727.3625, m/z 909.7923

File: 110714-ajay-Clarke-Katelyn-metödel-cytolysate-H-L-1-1-rep3, Scan: 28217, Precursor m/z: 910.4617, Charge: 3



Click and drag in the plot to zoom X:  Y:  Zoom Out Print  Enable tooltip

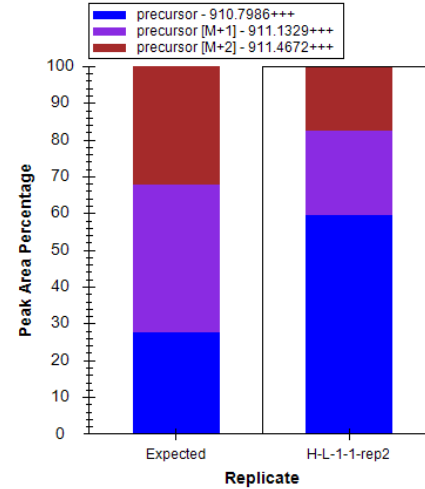
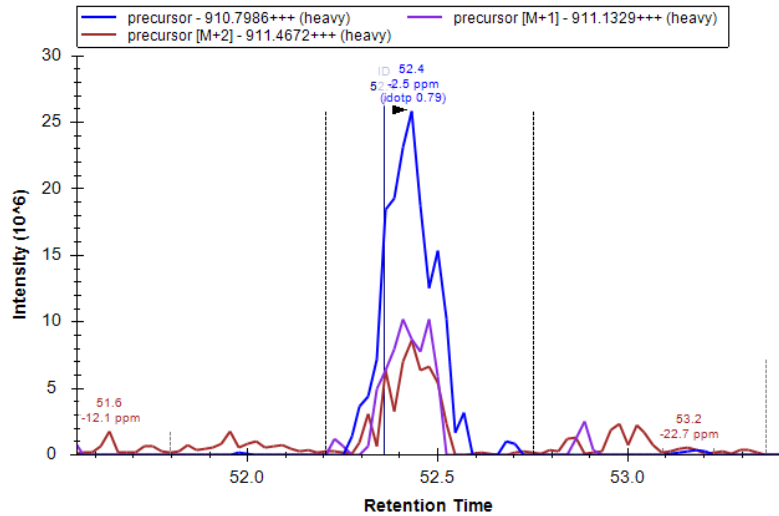
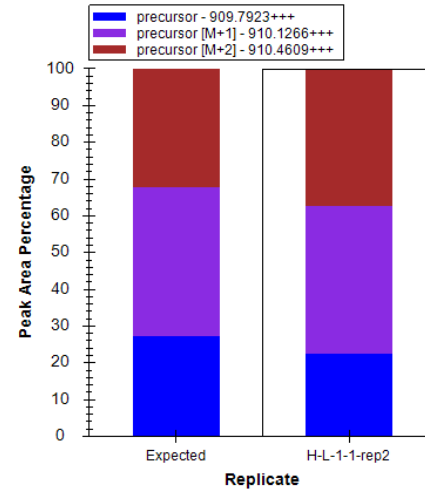
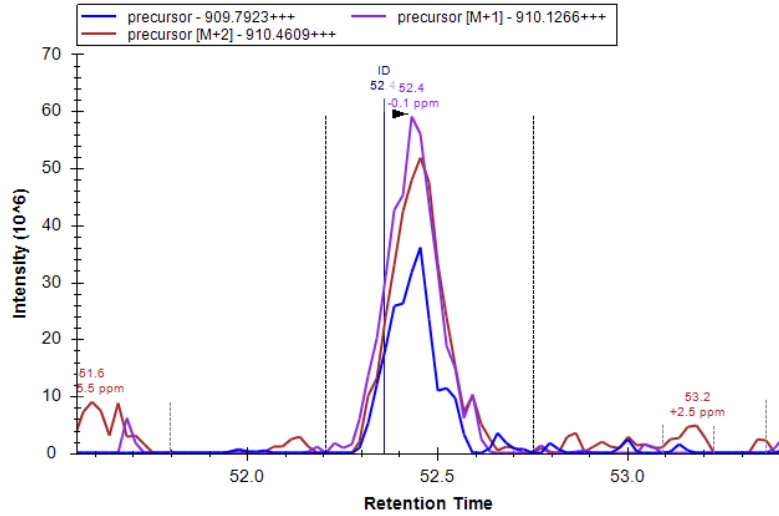
b+	b2+	#	Seq #	y+	y2+
143.1179	72.0626	1	<b>K</b>	24	
230.1500	115.5786	2	S	23	2585.2518 1293.1295
359.1926	180.0999	3	E	22	2498.2198 1249.6135
<b>458.2610</b>	229.6341	4	V	21	2369.1772 1185.0922
<b>605.3294</b>	303.1683	5	F	20	2270.1088 1135.5580
<b>692.3614</b>	346.6843	6	S	19	2123.0404 1062.0238
<b>793.4091</b>	397.2082	7	T	18	2036.0083 1018.5078
<b>956.4724</b>	478.7399	8	Y	17	1934.9607 967.9840
<b>1027.5095</b>	514.2584	9	A	16	1771.8973 886.4523
<b>1142.5365</b>	571.7719	10	D	15	1700.8602 850.9338
<b>1256.5794</b>	628.7933	11	N	14	1585.8333 793.4203
1384.6380	<b>692.8226</b>	12	Q	13	1471.7904 736.3988
1481.6907	741.3490	13	P	12	<b>1343.7318</b> <b>672.3695</b>
1538.7122	769.8597	14	G	11	1246.6790 623.8431
1637.7806	819.3940	15	V	10	<b>1189.6575</b> 595.3324
1750.8647	<b>875.9360</b>	16	L	9	<b>1090.5891</b> 545.7982
1863.9488	932.4780	17	I	8	<b>977.5051</b> 489.2562
1992.0073	996.5073	18	Q	7	<b>864.4210</b> 432.7141
2091.0757	1046.0415	19	V	6	<b>736.3624</b> 368.6849
2238.1442	1119.5757	20	F	5	<b>637.2940</b> 319.1506
2367.1868	1184.0970	21	E	4	<b>490.2256</b> 245.6164
2424.2082	1212.6077	22	G	3	<b>361.1830</b> 181.0951
2553.2508	1277.1290	23	E	2	304.1615 152.5844
		24	R	1	<b>175.1190</b> 88.0631

[\[Click\]](#) to move table  
 Static Modifications:  
 C: 57.02146  
 Variable Modifications:  
 K: 14.0157



# Ssa2

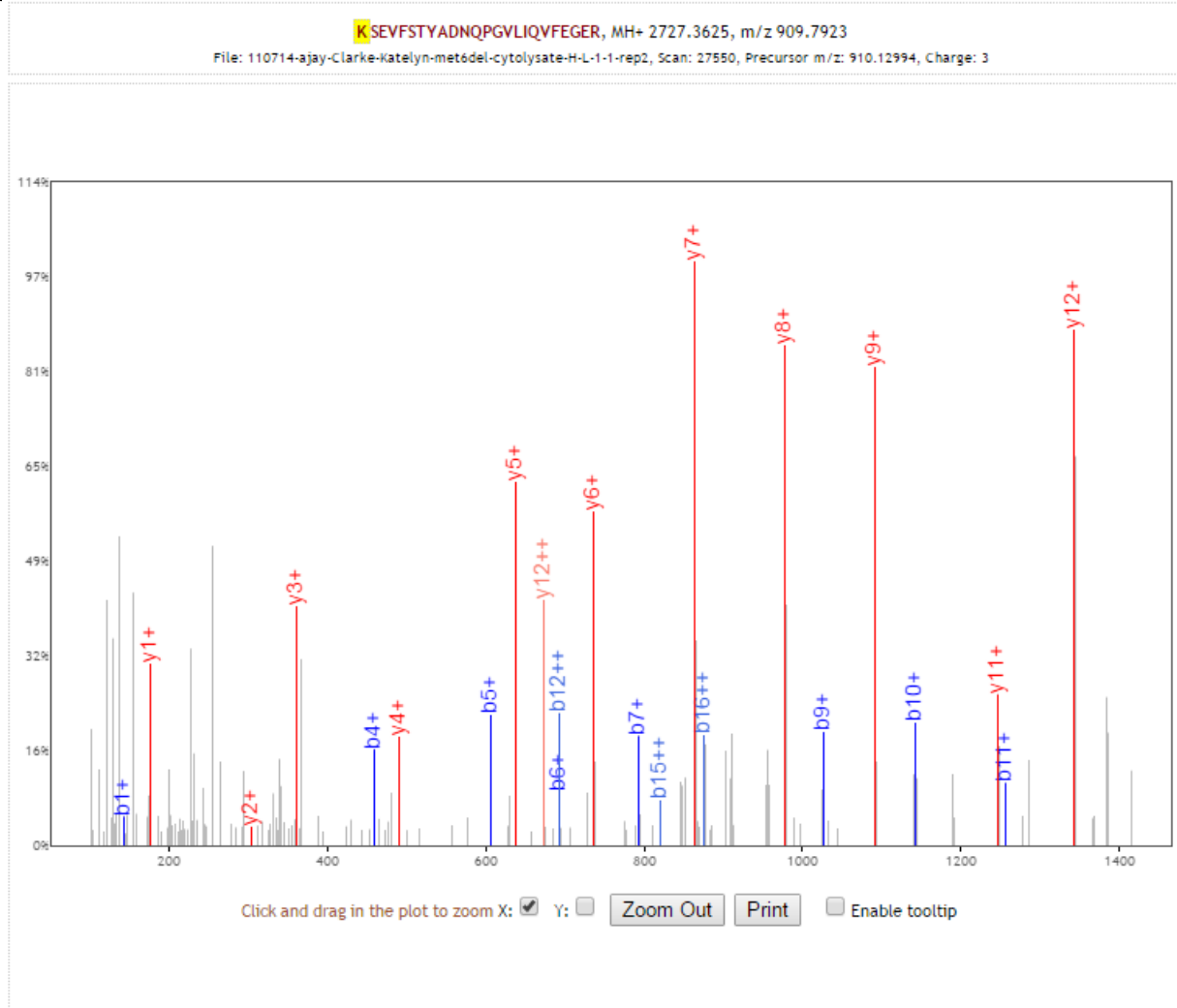
K.mono**K**SEVFSTYADNQPGLIQVFEGER.A [420, 443] (missed 1)



Replicate 2

# Ssa2

K.mono**K**SEVFSTYADNQPGLIQVFEGER.A [420, 443] (missed 1)

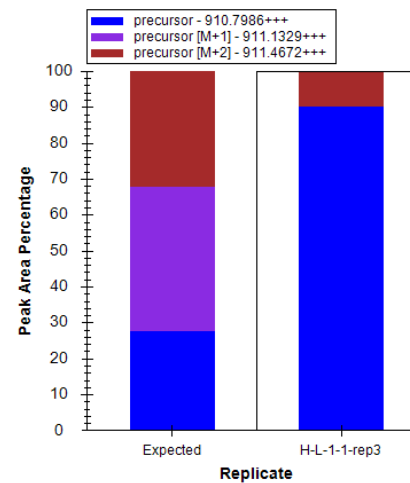
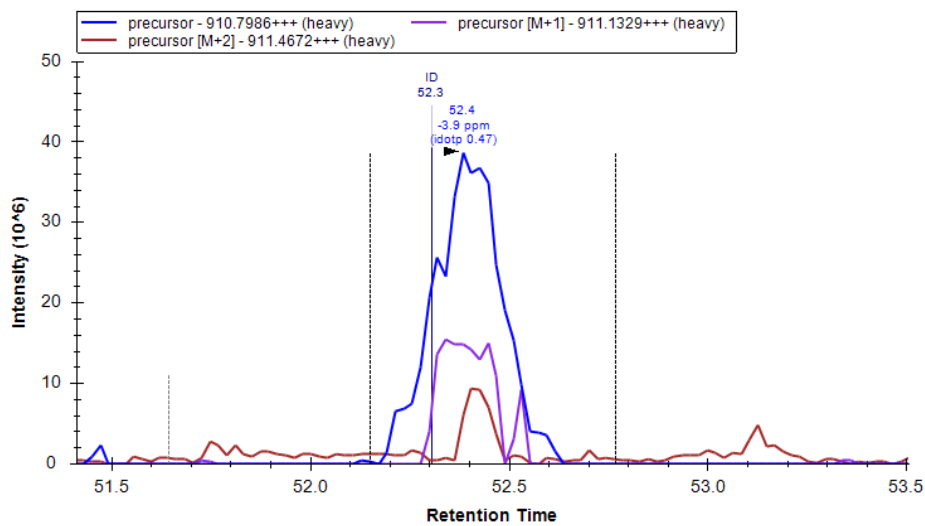
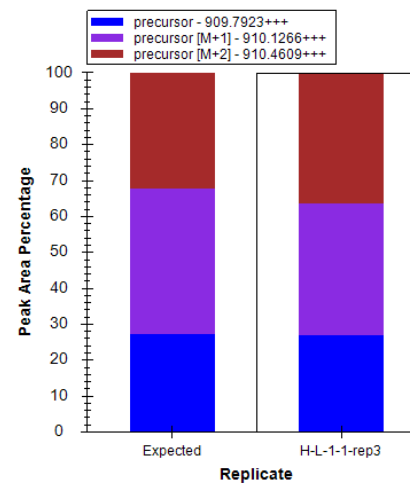
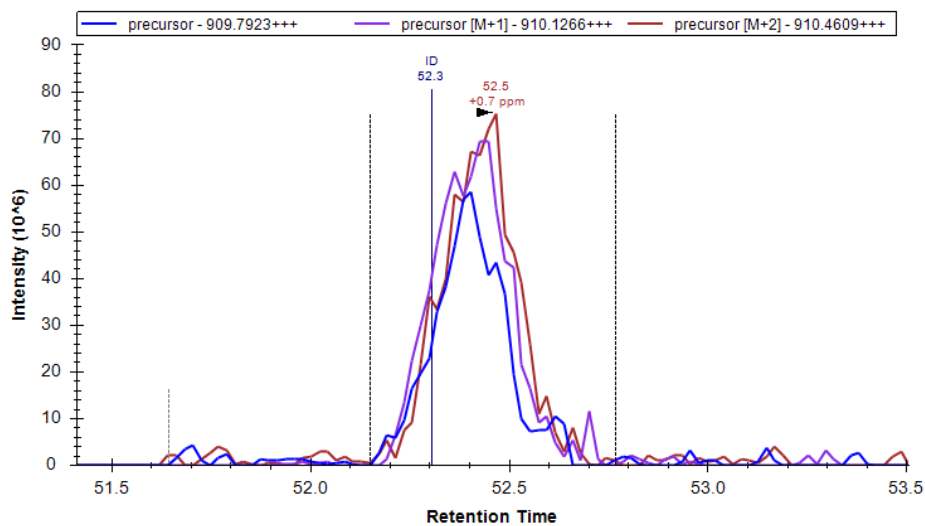


b+	b2+	#	Seq #	y+	y2+
143.1179	72.0626	1	<b>K</b> 24		
230.1500	115.5786	2	S 23	2585.2518	1293.1295
359.1926	180.0999	3	E 22	2498.2198	1249.6135
458.2610	229.6341	4	V 21	2369.1772	1185.0922
605.3294	303.1683	5	F 20	2270.1088	1135.5580
692.3614	346.6843	6	S 19	2123.0404	1062.0238
793.4091	397.2082	7	T 18	2036.0083	1018.5078
956.4724	478.7399	8	Y 17	1934.9607	967.9840
1027.5095	514.2584	9	A 16	1771.8973	886.4523
1142.5365	571.7719	10	D 15	1700.8602	850.9338
1256.5794	628.7933	11	N 14	1585.8333	793.4203
1384.6380	692.8226	12	Q 13	1471.7904	736.3988
1481.6907	741.3490	13	P 12	<b>1343.7318</b>	<b>672.3695</b>
1538.7122	769.8597	14	G 11	<b>1246.6790</b>	623.8431
1637.7806	819.3940	15	V 10	1189.6575	595.3324
1750.8647	875.9360	16	L 9	<b>1090.5891</b>	545.7982
1863.9488	932.4780	17	I 8	<b>977.5051</b>	489.2562
1992.0073	996.5073	18	Q 7	<b>864.4210</b>	432.7141
2091.0757	1046.0415	19	V 6	<b>736.3624</b>	368.6849
2238.1442	1119.5757	20	F 5	<b>637.2940</b>	319.1506
2367.1868	1184.0970	21	E 4	<b>490.2256</b>	245.6164
2424.2082	1212.6077	22	G 3	<b>361.1830</b>	181.0951
2553.2508	1277.1290	23	E 2	<b>304.1615</b>	152.5844
		24	R 1	<b>175.1190</b>	88.0631

[\[Click\]](#) to move table  
 Static Modifications:  
 C: 57.02146  
 Variable Modifications:  
 K: 14.0157

# Ssa2

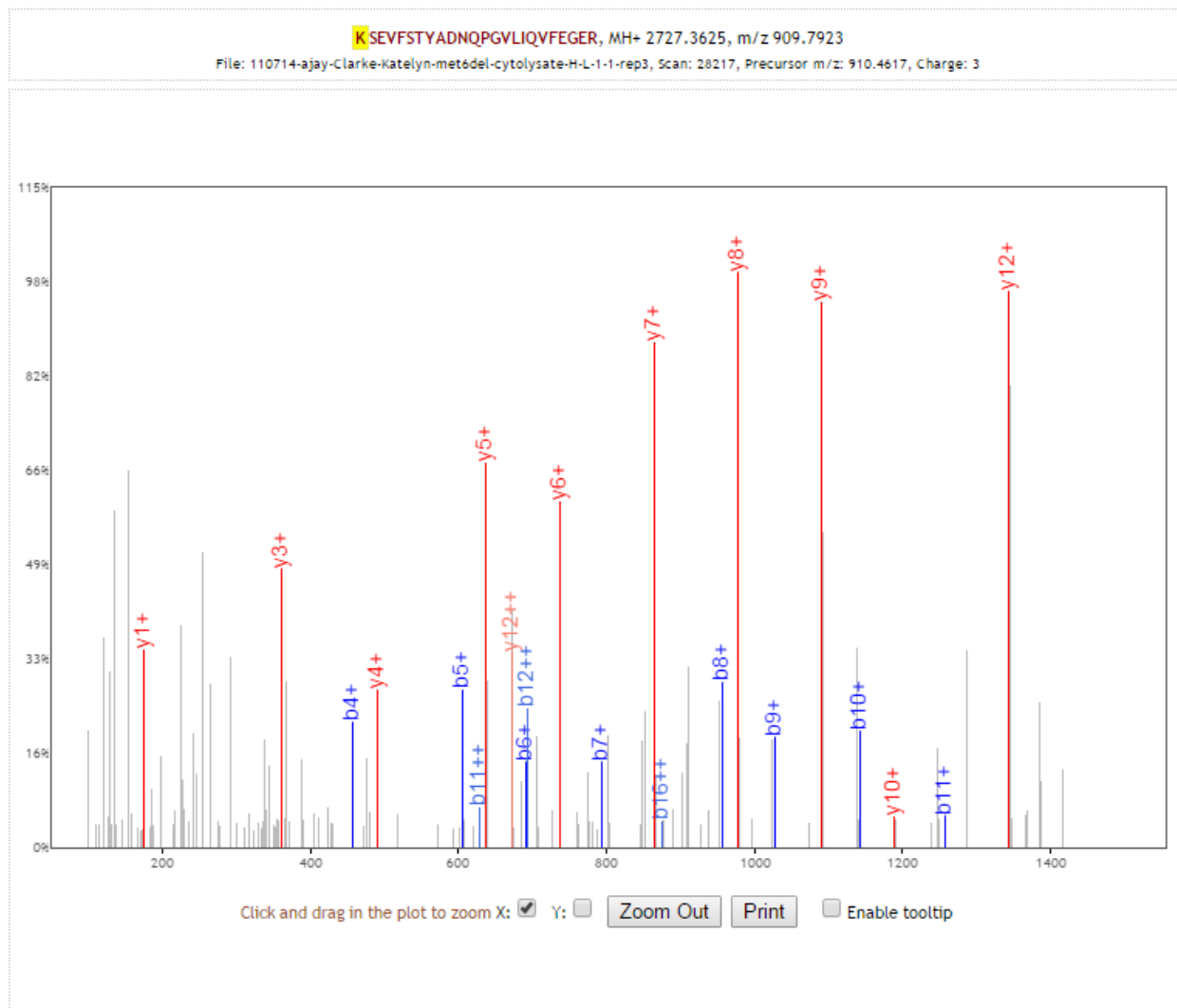
K.mono**K**SEVFSTYADNQPGLIQVFEGER.A [420, 443] (missed 1)



Replicate 3

# Ssa2

## K.mono**K**SEVFSTYADNQPGLVLIQVFEGE.R.A [420, 443] (missed 1)

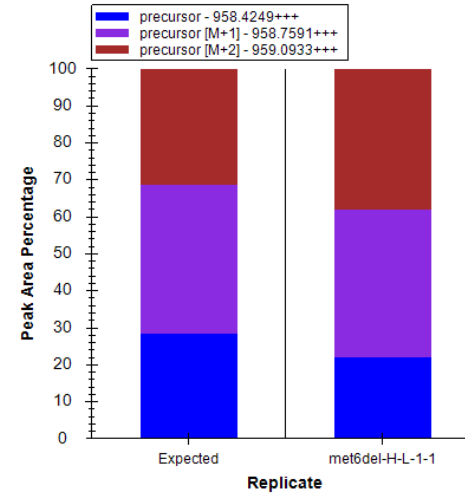
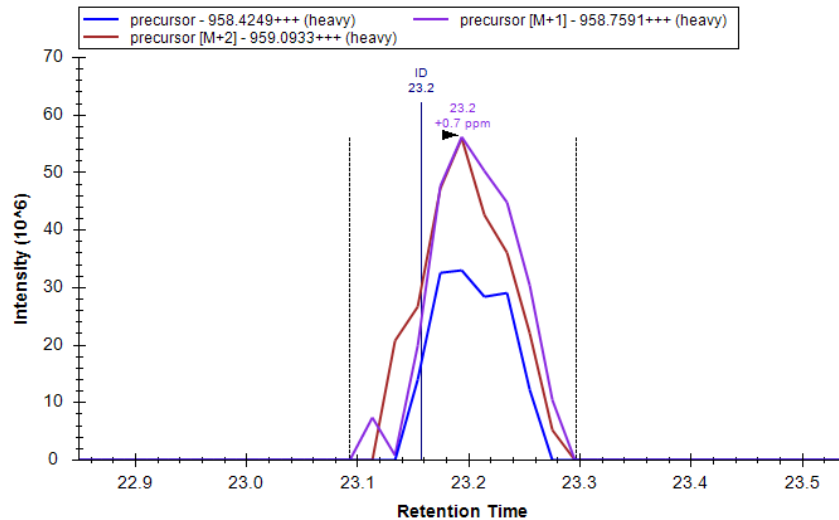
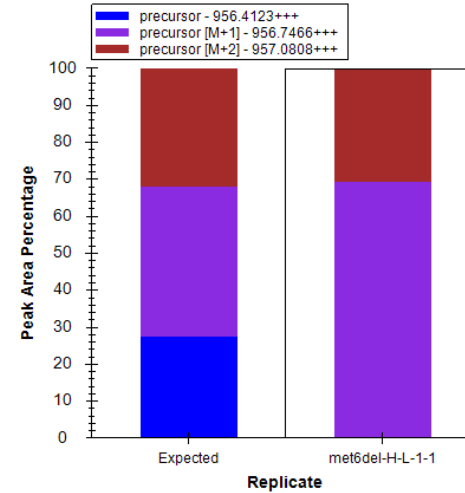
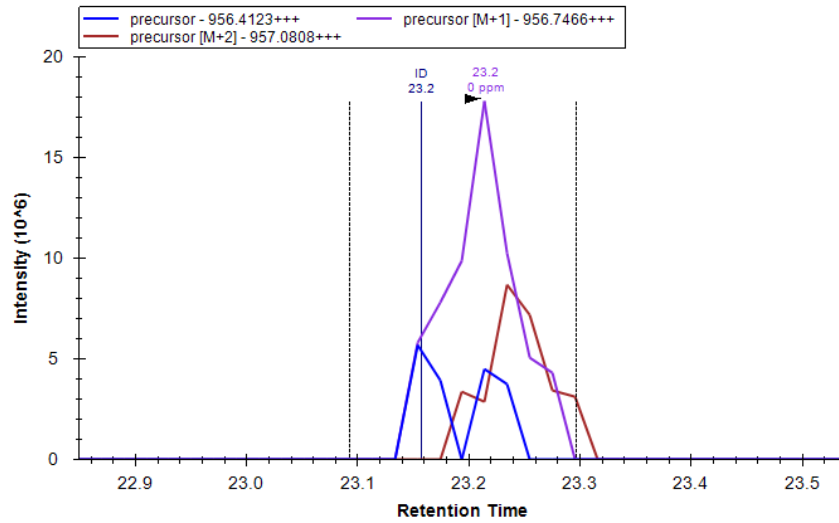


b+	b2+	#	Seq #	y+	y2+
143.1179	72.0626	1	<b>K</b> 24		
230.1500	115.5786	2	S 23	2585.2518	1293.1295
359.1926	180.0999	3	E 22	2498.2198	1249.6135
<b>458.2610</b>	229.6341	4	<b>V</b> 21	2369.1772	1185.0922
<b>605.3294</b>	303.1683	5	<b>F</b> 20	2270.1088	1135.5580
<b>692.3614</b>	346.6843	6	<b>S</b> 19	2123.0404	1062.0238
<b>793.4091</b>	397.2082	7	<b>T</b> 18	2036.0083	1018.5078
<b>956.4724</b>	478.7399	8	<b>Y</b> 17	1934.9607	967.9840
<b>1027.5095</b>	514.2584	9	<b>A</b> 16	1771.8973	886.4523
<b>1142.5365</b>	571.7719	10	<b>D</b> 15	1700.8602	850.9338
<b>1256.5794</b>	<b>628.7933</b>	11	<b>N</b> 14	1585.8333	793.4203
1384.6380	<b>692.8226</b>	12	<b>Q</b> 13	1471.7904	736.3988
1481.6907	741.3490	13	<b>P</b> 12	<b>1343.7318</b>	<b>672.3695</b>
1538.7122	769.8597	14	<b>G</b> 11	1246.6790	623.8431
1637.7806	819.3940	15	<b>V</b> 10	<b>1189.6575</b>	595.3324
1750.8647	<b>875.9360</b>	16	<b>L</b> 9	<b>1090.5891</b>	545.7982
1863.9488	932.4780	17	<b>I</b> 8	<b>977.5051</b>	489.2562
1992.0073	996.5073	18	<b>Q</b> 7	<b>864.4210</b>	432.7141
2091.0757	1046.0415	19	<b>V</b> 6	<b>736.3624</b>	368.6849
2238.1442	1119.5757	20	<b>F</b> 5	<b>637.2940</b>	319.1506
2367.1868	1184.0970	21	<b>E</b> 4	<b>490.2256</b>	245.6164
2424.2082	1212.6077	22	<b>G</b> 3	<b>361.1830</b>	181.0951
2553.2508	1277.1290	23	<b>E</b> 2	304.1615	152.5844
		24	<b>R</b> 1	<b>175.1190</b>	88.0631

[\[Click\]](#) to move table  
 Static Modifications:  
 C: 57.02146  
 Variable Modifications:  
 K: 14.0157

# Ded1

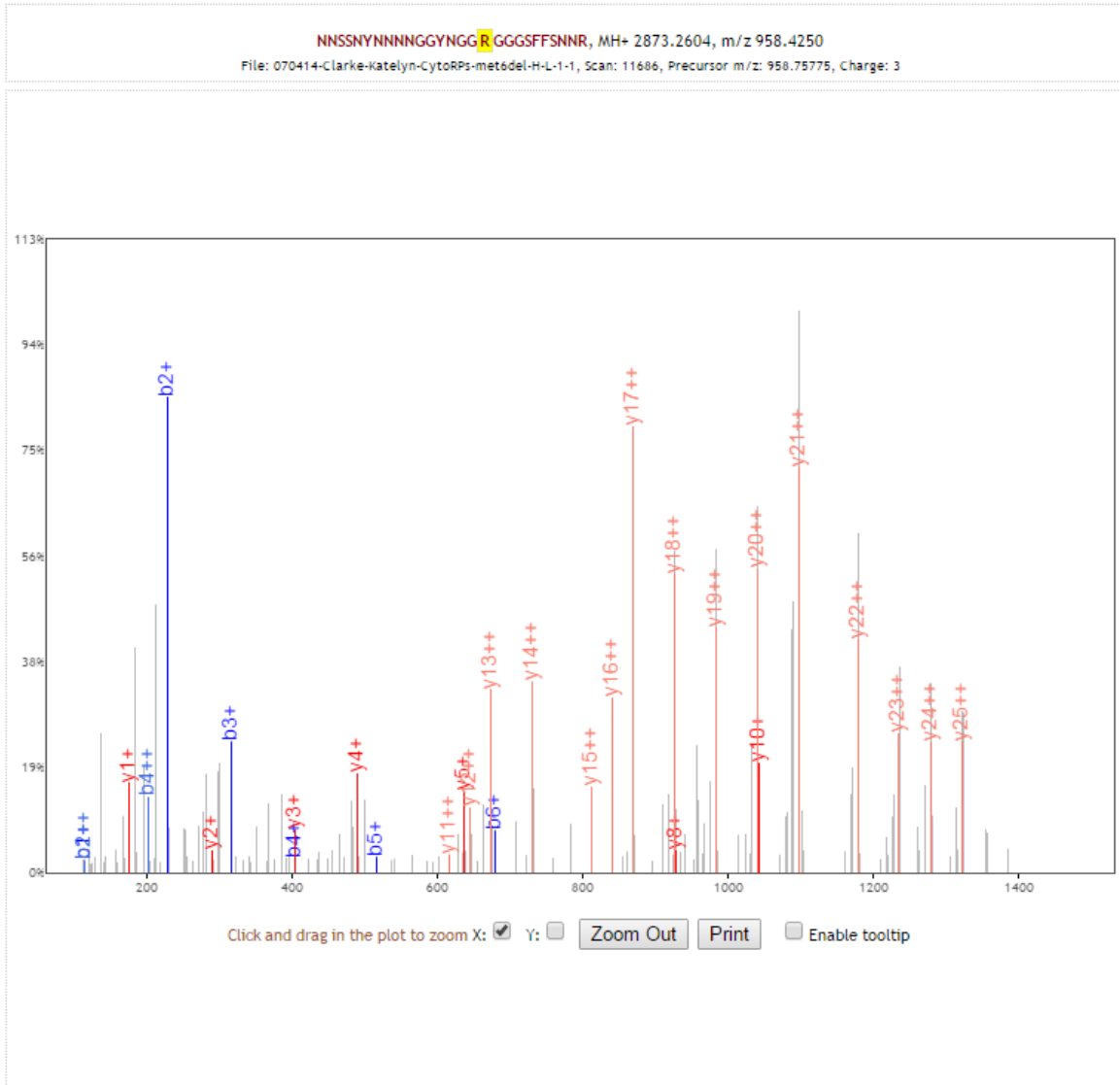
R.NSSNYNNNGGYNGGdi**R**GGGSFFSNNR.R [34, 60] (missed 1)



Replicate 1

# Ded1

## R.NSSNYNNNGGYNGGdi**R**GGGSFFSNNR.R [34, 60] (missed 1)



b+	b2+	#	Seq #	y+	y2+
115.0502	58.0287	1	N 27		
229.0931	115.0502	2	N 26	2759.2175	1380.1124
316.1252	158.5662	3	S 25	2645.1745	1323.0909
403.1572	202.0822	4	S 24	2558.1425	1279.5749
517.2001	259.1037	5	N 23	2471.1105	1236.0589
680.2634	340.6354	6	Y 22	2357.0675	1179.0374
794.3064	397.6568	7	N 21	2194.0042	1097.5057
908.3493	454.6783	8	N 20	2079.9613	1040.4843
1022.3922	511.6998	9	N 19	1965.9184	983.4628
1136.4352	568.7212	10	N 18	1851.8754	926.4414
1193.4566	597.2319	11	G 17	1737.8325	869.4199
1250.4781	625.7427	12	G 16	1680.8110	840.9092
1413.5414	707.2743	13	Y 15	1623.7896	812.3984
1527.5843	764.2958	14	N 14	1460.7262	730.8668
1584.6058	792.8065	15	G 13	1346.6833	673.8453
1641.6273	821.3173	16	G 12	1289.6619	645.3346
1831.7976	916.4024	17	R 11	1232.6404	616.8238
1888.8190	944.9132	18	G 10	1042.4701	521.7387
1945.8405	973.4239	19	G 9	985.4486	493.2279
2002.8620	1001.9346	20	G 8	928.4272	464.7172
2089.8940	1045.4506	21	S 7	871.4057	436.2065
2236.9624	1118.9848	22	F 6	784.3737	392.6905
2384.0308	1192.5190	23	F 5	637.3052	319.1563
2471.0629	1236.0351	24	S 4	490.2368	245.6221
2585.1058	1293.0565	25	N 3	403.2048	202.1060
2699.1487	1350.0780	26	N 2	289.1619	145.0846
		27	R 1	175.1190	88.0631

[\[Click\]](#) to move table  
 Static Modifications:  
 C: 57.02146  
 M: 3.0189  
 Variable Modifications:  
 R: 34.0692