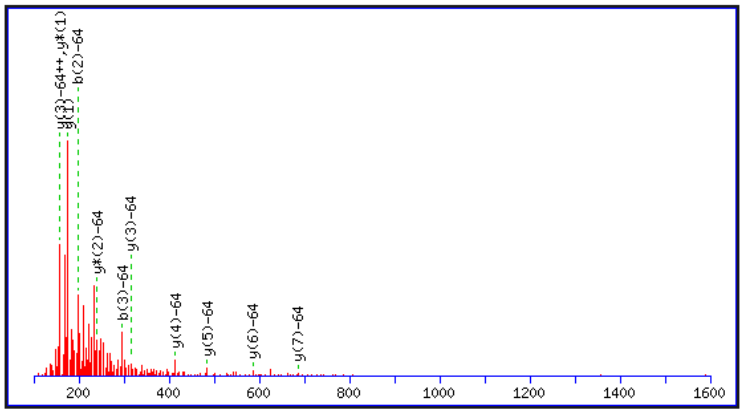
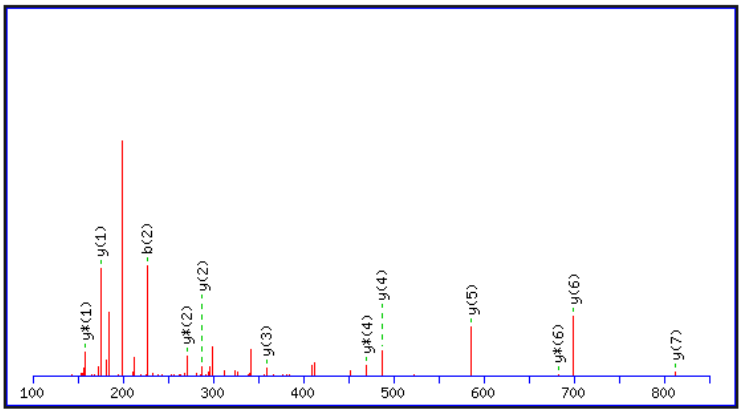
MS/MS Fragmentation of ID018 **MIVTAVGMR**



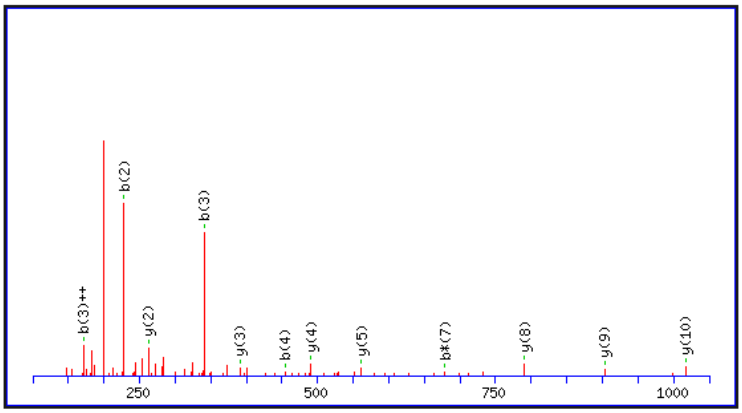
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	84.04	42.53			M							9
2	**197.13**	99.07			I	798.48	399.75	781.46	391.23	780.47	390.74	8
3	**296.20**	148.60			V	**685.40**	343.20	668.37	334.69	667.39	334.20	7
4	397.24	199.13	379.23	190.12	T	**586.33**	293.67	569.30	285.16	568.32	284.66	6
5	468.28	234.64	450.27	225.64	A	**485.28**	243.15	468.26	234.63			5
6	567.35	284.18	549.34	275.17	V	**414.25**	207.63	397.22	199.11			4
7	624.37	312.69	606.36	303.68	G	**315.18**	**158.09**	298.15	149.58			3
8	707.41	354.21	689.40	345.20	M	258.16	129.58	**241.13**	121.07			2
9					R	**175.12**	88.06	**158.09**	79.55			1

MS/MS Fragmentation of ID020 **LLLVQALR**



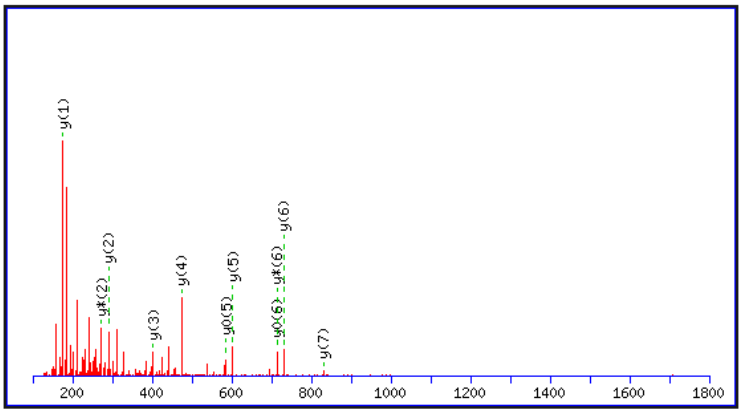
#	b	b^{++}	b*	b^{*++}	Seq.	y	y^{++}	y*	y^{*++}	#
1	114.09	57.55			L					8
2	**227.18**	114.09			L	**812.54**	406.77	795.51	398.26	7
3	340.26	170.63			L	**699.45**	350.23	**682.42**	341.72	6
4	439.33	220.17			V	**586.37**	293.69	569.34	285.17	5
5	567.39	284.20	550.36	275.68	Q	**487.30**	244.15	**470.27**	235.64	4
6	638.42	319.72	621.40	311.20	A	**359.24**	180.12	342.21	171.61	3
7	751.51	376.26	734.48	367.74	L	**288.20**	144.61	**271.18**	136.09	2
8					R	**175.12**	88.06	**158.09**	79.55	1

MS/MS Fragmentation of ID024 **NLILLGATAVEDK**



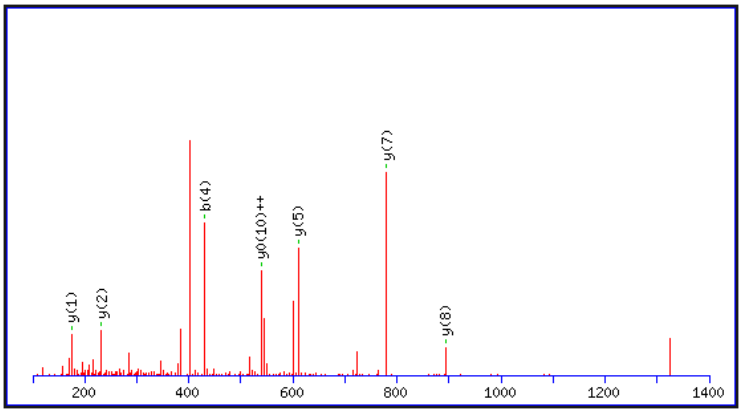
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	115.05	58.03	98.02	49.52			N							13
2	**228.13**	114.57	211.11	106.06			L	1242.73	621.87	1225.70	613.36	1224.72	612.86	12
3	**341.22**	**171.11**	324.19	162.60			I	1129.65	565.33	1112.62	556.81	1111.64	556.32	11
4	**454.30**	227.65	437.28	219.14			L	**1016.56**	508.78	999.54	500.27	998.55	499.78	10
5	567.39	284.20	550.36	275.68			L	**903.48**	452.24	886.45	443.73	885.47	443.24	9
6	624.41	312.71	607.38	304.19			G	**790.39**	395.70	773.37	387.19	772.38	386.70	8
7	695.45	348.23	**678.42**	339.71			A	733.37	367.19	716.35	358.68	715.36	358.18	7
8	796.49	398.75	779.47	390.24	778.48	389.74	T	662.34	331.67	645.31	323.16	644.32	322.67	6
9	867.53	434.27	850.50	425.76	849.52	425.26	A	**561.29**	281.15	544.26	272.63	543.28	272.14	5
10	966.60	483.80	949.57	475.29	948.59	474.80	V	**490.25**	245.63	473.22	237.12	472.24	236.62	4
11	1095.64	548.32	1078.61	539.81	1077.63	539.32	E	**391.18**	196.09	374.16	187.58	373.17	187.09	3
12	1210.67	605.84	1193.64	597.32	1192.66	596.83	D	**262.14**	131.57	245.11	123.06	244.13	122.57	2
13							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID032 **IVQEALDR**



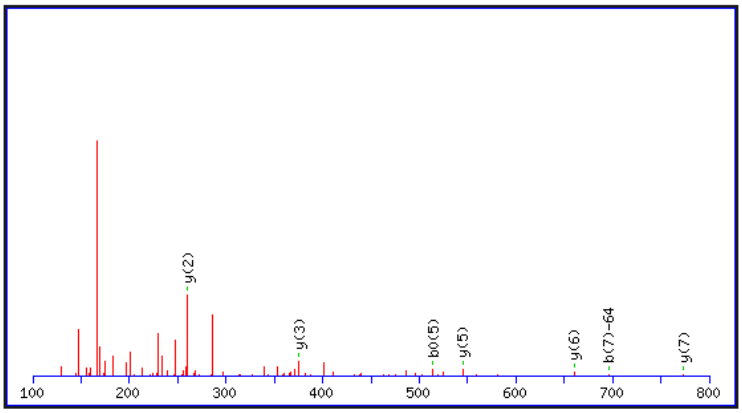
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					I							8
2	213.16	107.08					V	**830.44**	415.72	813.41	407.21	812.43	406.72	7
3	341.22	171.11	324.19	162.60			Q	**731.37**	366.19	**714.34**	357.67	**713.36**	357.18	6
4	470.26	235.63	453.23	227.12	452.25	226.63	E	**603.31**	302.16	586.28	293.65	**585.30**	293.15	5
5	541.30	271.15	524.27	262.64	523.29	262.15	A	**474.27**	237.64	457.24	229.12	456.26	228.63	4
6	654.38	327.69	637.36	319.18	636.37	318.69	L	**403.23**	202.12	386.20	193.61	385.22	193.11	3
7	769.41	385.21	752.38	376.69	751.40	376.20	D	**290.15**	145.58	**273.12**	137.06	272.14	136.57	2
8							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID042 **DADSIAVIQHGR**



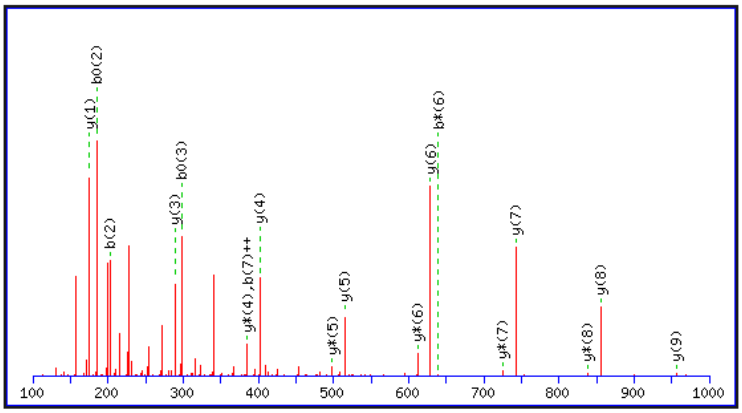
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	158.04	79.53			140.03	70.52	D							12
2	229.08	115.04			211.07	106.04	A	1166.63	583.82	1149.60	575.30	1148.62	574.81	11
3	344.11	172.56			326.10	163.55	D	1095.59	548.30	1078.56	539.79	1077.58	**539.29**	10
4	**431.14**	216.07			413.13	207.07	S	980.56	490.79	963.54	482.27	962.55	481.78	9
5	544.22	272.62			526.21	263.61	I	**893.53**	447.27	876.50	438.76			8
6	615.26	308.13			597.25	299.13	A	**780.45**	390.73	763.42	382.21			7
7	714.33	357.67			696.32	348.66	V	709.41	355.21	692.38	346.70			6
8	827.41	414.21			809.40	405.21	I	**610.34**	305.67	593.32	297.16			5
9	955.47	478.24	938.45	469.73	937.46	469.23	Q	497.26	249.13	480.23	240.62			4
10	1092.53	546.77	1075.51	538.26	1074.52	537.76	H	369.20	185.10	352.17	176.59			3
11	1149.55	575.28	1132.53	566.77	1131.54	566.28	G	**232.14**	116.57	215.11	108.06			2
12							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID044 **VMIDGIDIK**



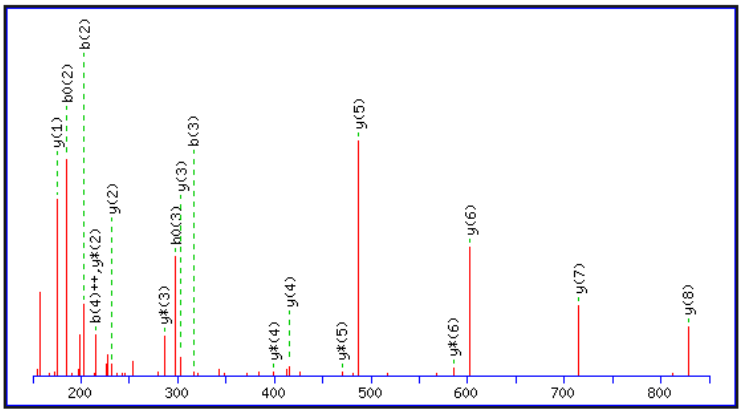
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	100.08	50.54			V							9
2	183.11	92.06			M	856.48	428.74	839.45	420.23	838.47	419.74	8
3	296.20	148.60			I	**773.44**	387.22	756.41	378.71	755.43	378.22	7
4	411.22	206.12	393.21	197.11	D	**660.36**	330.68	643.33	322.17	642.35	321.68	6
5	468.25	234.63	450.23	225.62	G	**545.33**	273.17	528.30	264.66	527.32	264.16	5
6	581.33	291.17	563.32	282.16	I	488.31	244.66	471.28	236.14	470.30	235.65	4
7	**696.36**	348.68	678.35	339.68	D	**375.22**	188.12	358.20	179.60	357.21	179.11	3
8	809.44	405.22	791.43	396.22	I	**260.20**	130.60	243.17	122.09			2
9					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID048 **TTLLNLIGGR**



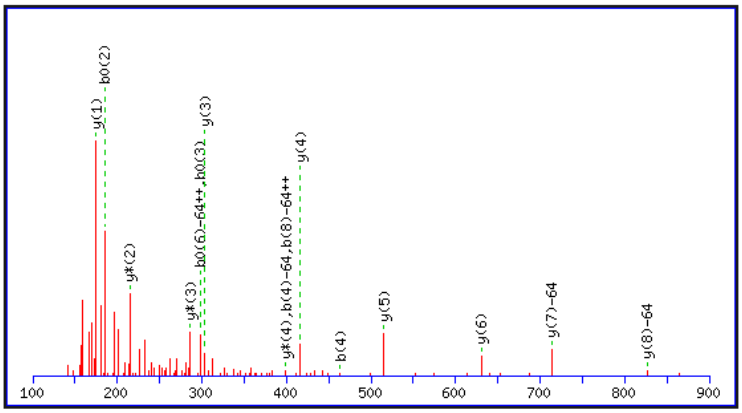
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	102.05	51.53			84.04	42.53	T							10
2	**203.10**	102.05			**185.09**	93.05	T	**956.59**	478.80	939.56	470.28	938.58	469.79	9
3	316.19	158.60			**298.18**	149.59	L	**855.54**	428.27	**838.51**	419.76			8
4	429.27	215.14			411.26	206.13	L	**742.46**	371.73	**725.43**	363.22			7
5	543.31	272.16	526.29	263.65	525.30	263.16	N	**629.37**	315.19	**612.35**	306.68			6
6	656.40	328.70	**639.37**	320.19	638.39	319.70	L	**515.33**	258.17	**498.30**	249.66			5
7	769.48	**385.24**	752.46	376.73	751.47	376.24	I	**402.25**	201.63	**385.22**	193.11			4
8	826.50	413.76	809.48	405.24	808.49	404.75	G	**289.16**	145.08	272.14	136.57			3
9	883.52	442.27	866.50	433.75	865.51	433.26	G	232.14	116.57	215.11	108.06			2
10							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID051 **TTLLDALAGR**



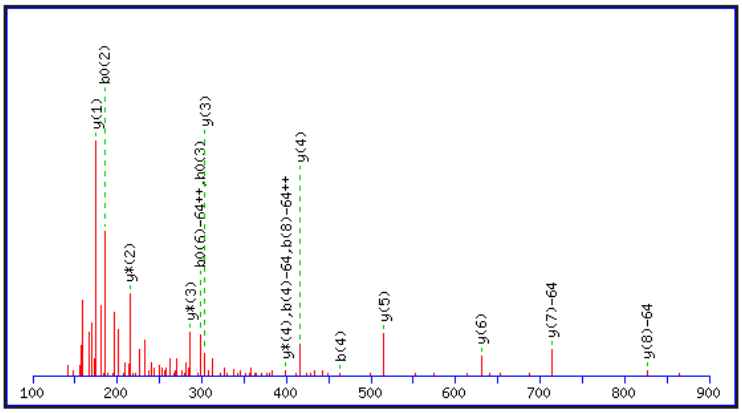
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	102.05	51.53	84.04	42.53	T							10
2	**203.10**	102.05	**185.09**	93.05	T	929.54	465.27	912.51	456.76	911.53	456.27	9
3	**316.19**	158.60	**298.18**	149.59	L	**828.49**	414.75	811.47	406.24	810.48	405.75	8
4	429.27	**215.14**	411.26	206.13	L	**715.41**	358.21	698.38	349.70	697.40	349.20	7
5	544.30	272.65	526.29	263.65	D	**602.33**	301.67	**585.30**	293.15	584.32	292.66	6
6	615.33	308.17	597.32	299.17	A	**487.30**	244.15	**470.27**	235.64			5
7	728.42	364.71	710.41	355.71	L	**416.26**	208.63	**399.24**	200.12			4
8	799.46	400.23	781.45	391.23	A	**303.18**	152.09	**286.15**	143.58			3
9	856.48	428.74	838.47	419.74	G	**232.14**	116.57	**215.11**	108.06			2
10					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID053 **TTLMDVLAGR**



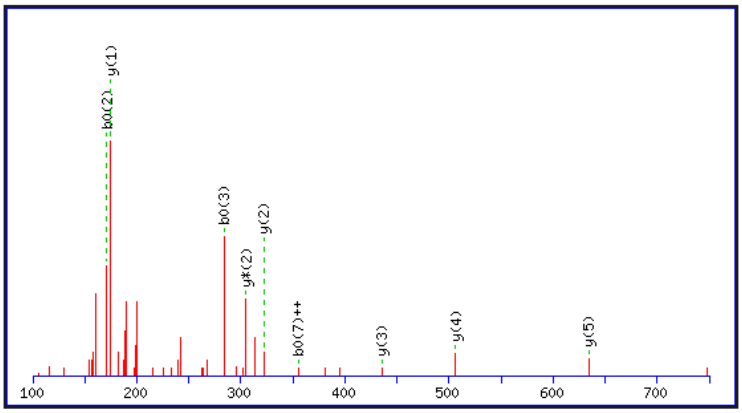
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	102.05	51.53	84.04	42.53	T							10
2	203.10	102.05	**185.09**	93.05	T	927.53	464.27	910.50	455.75	909.52	455.26	9
3	316.19	158.60	**298.18**	149.59	L	**826.48**	413.74	809.45	405.23	808.47	404.74	8
4	**399.22**	200.12	381.21	191.11	M	**713.39**	357.20	696.37	348.69	695.38	348.20	7
5	514.25	257.63	496.24	248.62	D	**630.36**	315.68	613.33	307.17	612.35	306.68	6
6	613.32	307.16	595.31	**298.16**	V	**515.33**	258.17	498.30	249.66			5
7	726.40	363.71	708.39	354.70	L	**416.26**	208.63	**399.24**	200.12			4
8	797.44	**399.22**	779.43	390.22	A	**303.18**	152.09	**286.15**	143.58			3
9	854.46	427.73	836.45	418.73	G	232.14	116.57	**215.11**	108.06			2
10					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID054 **TTLMDVLAGR**



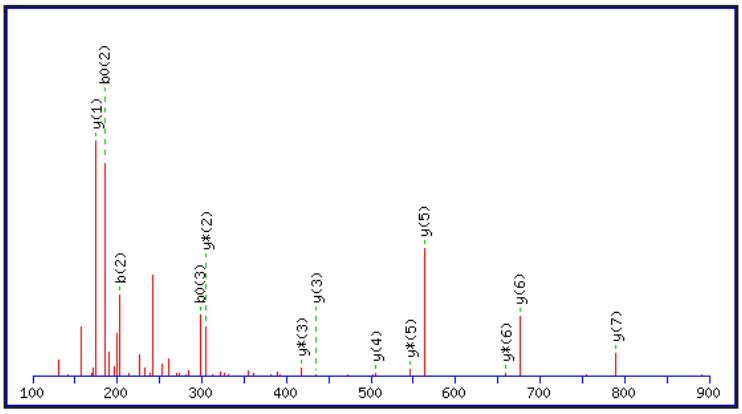
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	102.05	51.53	84.04	42.53	T							10
2	203.10	102.05	**185.09**	93.05	T	927.53	464.27	910.50	455.75	909.52	455.26	9
3	316.19	158.60	**298.18**	149.59	L	**826.48**	413.74	809.45	405.23	808.47	404.74	8
4	**399.22**	200.12	381.21	191.11	M	**713.39**	357.20	696.37	348.69	695.38	348.20	7
5	514.25	257.63	496.24	248.62	D	**630.36**	315.68	613.33	307.17	612.35	306.68	6
6	613.32	307.16	595.31	**298.16**	V	**515.33**	258.17	498.30	249.66			5
7	726.40	363.71	708.39	354.70	L	**416.26**	208.63	**399.24**	200.12			4
8	797.44	**399.22**	779.43	390.22	A	**303.18**	152.09	**286.15**	143.58			3
9	854.46	427.73	836.45	418.73	G	232.14	116.57	**215.11**	108.06			2
10					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID069 **STLIQAIFR**



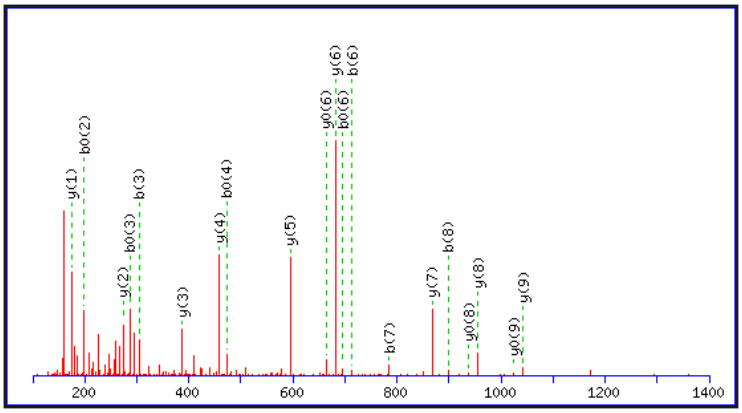
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.04	44.52			70.03	35.52	S							9
2	189.09	95.05			**171.08**	86.04	T	961.58	481.30	944.56	472.78	943.57	472.29	8
3	302.17	151.59			**284.16**	142.58	L	860.54	430.77	843.51	422.26			7
4	415.26	208.13			397.24	199.13	I	747.45	374.23	730.42	365.72			6
5	543.31	272.16	526.29	263.65	525.30	263.16	Q	**634.37**	317.69	617.34	309.17			5
6	614.35	307.68	597.32	299.17	596.34	298.67	A	**506.31**	253.66	489.28	245.14			4
7	727.43	364.22	710.41	355.71	709.42	**355.22**	I	**435.27**	218.14	418.24	209.63			3
8	874.50	437.76	857.48	429.24	856.49	428.75	F	**322.19**	161.60	**305.16**	153.08			2
9							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID070 **TTLIGALFR**



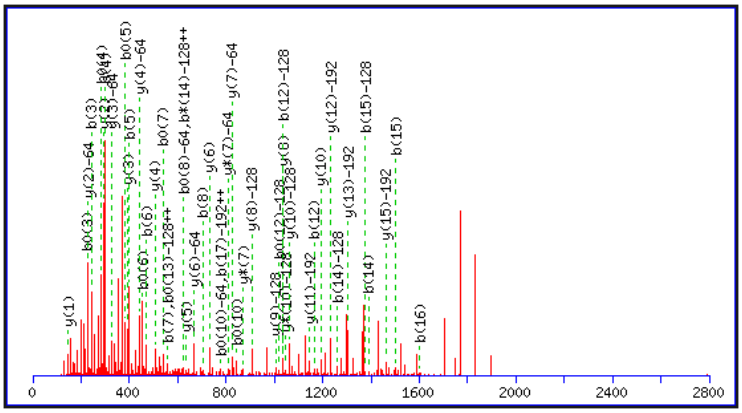
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	102.05	51.53	84.04	42.53	T							9
2	**203.10**	102.05	**185.09**	93.05	T	890.55	445.78	873.52	437.26	872.54	436.77	8
3	316.19	158.60	**298.18**	149.59	L	**789.50**	395.25	772.47	386.74			7
4	429.27	215.14	411.26	206.13	I	**676.41**	338.71	**659.39**	330.20			6
5	486.29	243.65	468.28	234.64	G	**563.33**	282.17	**546.30**	273.66			5
6	557.33	279.17	539.32	270.16	A	**506.31**	253.66	489.28	245.14			4
7	670.41	335.71	652.40	326.71	L	**435.27**	218.14	**418.24**	209.63			3
8	817.48	409.24	799.47	400.24	F	322.19	161.60	**305.16**	153.08			2
9					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID084 **SSSWSHALVR**



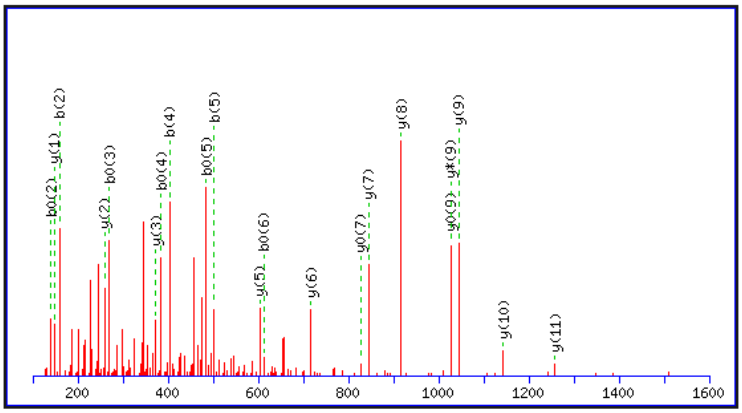
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	130.05	65.53	112.04	56.52	S							10
2	217.08	109.04	**199.07**	100.04	S	**1042.54**	521.78	1025.52	513.26	**1024.53**	512.77	9
3	**304.11**	152.56	**286.10**	143.56	S	**955.51**	478.26	938.48	469.75	**937.50**	469.25	8
4	490.19	245.60	**472.18**	236.59	W	**868.48**	434.74	851.45	426.23	850.47	425.74	7
5	577.23	289.12	559.21	280.11	S	**682.40**	341.70	665.37	333.19	**664.39**	332.70	6
6	**714.28**	357.65	**696.27**	348.64	H	**595.37**	298.19	578.34	289.67			5
7	**785.32**	393.16	767.31	384.16	A	**458.31**	229.66	441.28	221.14			4
8	**898.41**	449.71	880.39	440.70	L	**387.27**	194.14	370.24	185.63			3
9	997.47	499.24	979.46	490.24	V	**274.19**	137.60	257.16	129.08			2
10					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID087 **SGVGVASMGVMRPELVMK**



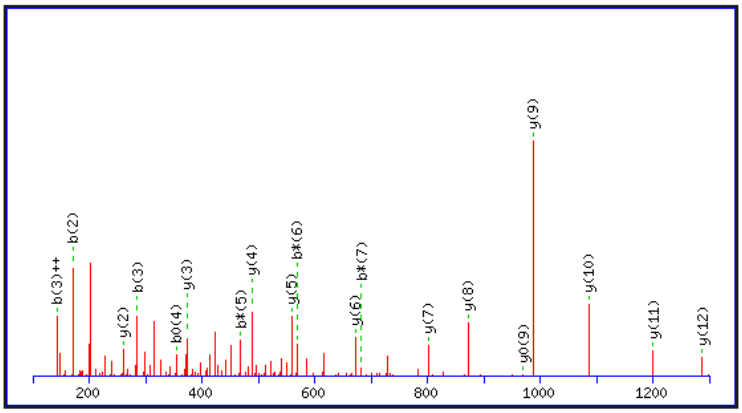
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.04	44.52			70.03	35.52	S							18
2	145.06	73.03			127.05	64.03	G	1616.91	808.96	1599.89	800.45	1598.90	799.95	17
3	**244.13**	122.57			**226.12**	113.56	V	1559.89	780.45	1542.86	771.94	1541.88	771.44	16
4	**301.15**	151.08			**283.14**	142.07	G	**1460.82**	730.91	1443.80	722.40	1442.81	721.91	15
5	**400.22**	200.61			**382.21**	191.61	V	1403.80	702.40	1386.77	693.89	1385.79	693.40	14
6	**471.26**	236.13			**453.25**	227.13	A	**1304.73**	652.87	1287.71	644.36	1286.72	643.86	13
7	**558.29**	279.65			**540.28**	270.64	S	**1233.70**	617.35	1216.67	608.84	1215.68	608.35	12
8	641.33	321.17			**623.31**	312.16	M	**1146.66**	573.84	1129.64	565.32	1128.65	564.83	11
9	698.35	349.68			680.34	340.67	G	**1063.63**	532.32	**1046.60**	523.80	1045.62	523.31	10
10	797.42	399.21			**779.40**	390.21	V	**1006.60**	503.81	989.58	495.29	988.59	494.80	9
11	880.45	440.73			862.44	431.72	M	**907.54**	454.27	890.51	445.76	889.53	445.27	8
12	**1036.55**	518.78	1019.53	510.27	**1018.54**	509.78	R	**824.50**	412.75	**807.47**	404.24	806.49	403.75	7
13	1133.61	567.31	1116.58	558.79	1115.60	**558.30**	P	**668.40**	334.70	651.37	326.19	650.39	325.70	6
14	**1262.65**	631.83	1245.62	**623.31**	1244.64	622.82	E	571.35	286.18	554.32	277.66	553.33	277.17	5
15	**1375.73**	688.37	1358.71	679.86	1357.72	679.36	L	**442.30**	221.65	425.28	213.14			4
16	1474.80	737.90	1457.77	729.39	1456.79	728.90	V	**329.22**	165.11	312.19	156.60			3
17	1557.84	**779.42**	1540.81	770.91	1539.83	770.42	M	**230.15**	115.58	213.12	107.07			2
18							K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID094 **GTEDVQAELDDLIK**



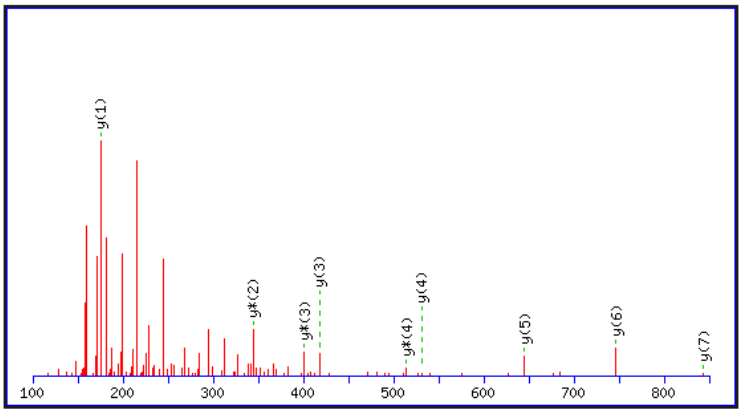
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	58.03	29.52					G							14
2	**159.08**	80.04			**141.07**	71.04	T	1488.74	744.88	1471.72	736.36	1470.73	735.87	13
3	288.12	144.56			**270.11**	135.56	E	1387.70	694.35	1370.67	685.84	1369.68	685.35	12
4	**403.15**	202.08			**385.14**	193.07	D	**1258.65**	629.83	1241.63	621.32	1240.64	620.82	11
5	**502.21**	251.61			**484.20**	242.61	V	**1143.63**	572.32	1126.60	563.80	1125.61	563.31	10
6	630.27	315.64	613.25	307.13	**612.26**	306.63	Q	**1044.56**	522.78	**1027.53**	514.27	**1026.55**	513.78	9
7	701.31	351.16	684.28	342.65	683.30	342.15	A	**916.50**	458.75	899.47	450.24	898.49	449.75	8
8	830.35	415.68	813.33	407.17	812.34	406.67	E	**845.46**	423.23	828.43	414.72	**827.45**	414.23	7
9	943.44	472.22	926.41	463.71	925.43	463.22	L	**716.42**	358.71	699.39	350.20	698.41	349.71	6
10	1058.46	529.74	1041.44	521.22	1040.45	520.73	D	**603.33**	302.17	586.31	293.66	585.32	293.17	5
11	1173.49	587.25	1156.46	578.74	1155.48	578.24	D	488.31	244.66	471.28	236.14	470.30	235.65	4
12	1286.57	643.79	1269.55	635.28	1268.56	634.79	L	**373.28**	187.14	356.25	178.63			3
13	1399.66	700.33	1382.63	691.82	1381.65	691.33	I	**260.20**	130.60	243.17	122.09			2
14							K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID096 **GINSNVDAELADLLK**



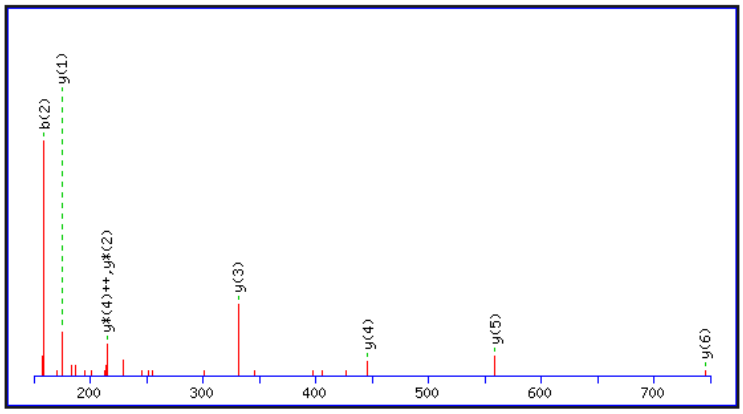
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	58.03	29.52					G							15
2	**171.11**	86.06					I	1514.81	757.91	1497.78	749.39	1496.80	748.90	14
3	**285.16**	**143.08**	268.13	134.57			N	1401.72	701.36	1384.70	692.85	1383.71	692.36	13
4	372.19	186.60	355.16	178.08	**354.18**	177.59	S	**1287.68**	644.34	1270.65	635.83	1269.67	635.34	12
5	486.23	243.62	**469.20**	235.11	468.22	234.61	N	**1200.65**	600.83	1183.62	592.31	1182.64	591.82	11
6	585.30	293.15	**568.27**	284.64	567.29	284.15	V	**1086.60**	543.81	1069.58	535.29	1068.59	534.80	10
7	700.33	350.67	**683.30**	342.15	682.32	341.66	D	**987.54**	494.27	970.51	485.76	**969.53**	485.27	9
8	771.36	386.19	754.34	377.67	753.35	377.18	A	**872.51**	436.76	855.48	428.24	854.50	427.75	8
9	900.41	450.71	883.38	442.19	882.40	441.70	E	**801.47**	401.24	784.45	392.73	783.46	392.23	7
10	1013.49	507.25	996.46	498.74	995.48	498.24	L	**672.43**	336.72	655.40	328.20	654.42	327.71	6
11	1084.53	542.77	1067.50	534.25	1066.52	533.76	A	**559.34**	280.18	542.32	271.66	541.33	271.17	5
12	1199.55	600.28	1182.53	591.77	1181.54	591.28	D	**488.31**	244.66	471.28	236.14	470.30	235.65	4
13	1312.64	656.82	1295.61	648.31	1294.63	647.82	L	**373.28**	187.14	356.25	178.63			3
14	1425.72	713.36	1408.70	704.85	1407.71	704.36	L	**260.20**	130.60	243.17	122.09			2
15							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID099 **LPTNLGWR**



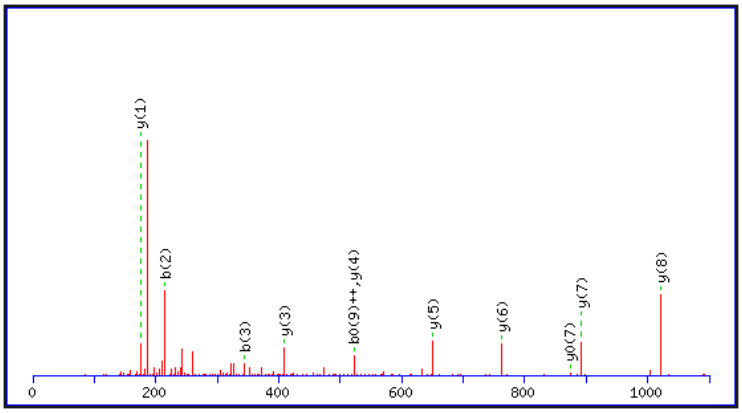
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					L							8
2	211.14	106.08					P	**843.45**	422.23	826.42	413.71	825.44	413.22	7
3	312.19	156.60			294.18	147.59	T	**746.39**	373.70	729.37	365.19	728.38	364.70	6
4	426.23	213.62	409.21	205.11	408.22	204.62	N	**645.35**	323.18	628.32	314.66			5
5	539.32	270.16	522.29	261.65	521.31	261.16	L	**531.30**	266.16	**514.28**	257.64			4
6	596.34	298.67	579.31	290.16	578.33	289.67	G	**418.22**	209.61	**401.19**	201.10			3
7	782.42	391.71	765.39	383.20	764.41	382.71	W	361.20	181.10	**344.17**	172.59			2
8							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID100 **ASWWLDVGR**



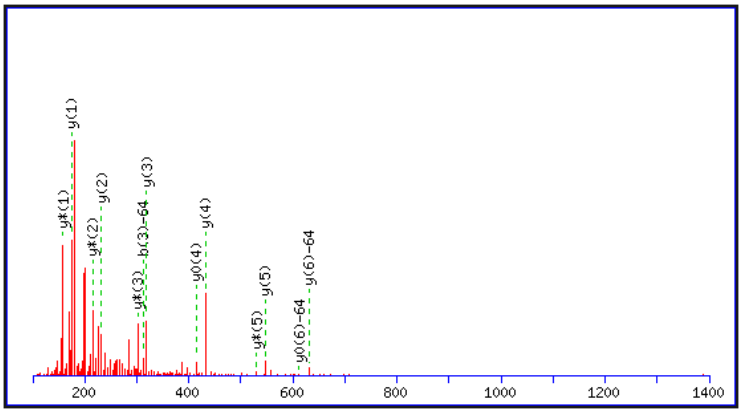
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53			A							9
2	**159.08**	80.04	141.07	71.04	S	1018.51	509.76	1001.48	501.25	1000.50	500.75	8
3	345.16	173.08	327.15	164.08	W	931.48	466.24	914.45	457.73	913.47	457.24	7
4	531.24	266.12	513.22	257.12	W	**745.40**	373.20	728.37	364.69	727.39	364.20	6
5	644.32	322.66	626.31	313.66	L	**559.32**	280.16	542.29	271.65	541.31	271.16	5
6	759.35	380.18	741.34	371.17	D	**446.24**	223.62	429.21	**215.11**	428.23	214.62	4
7	858.41	429.71	840.40	420.71	V	**331.21**	166.11	314.18	157.59			3
8	915.44	458.22	897.43	449.22	G	232.14	116.57	**215.11**	108.06			2
9					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID102 **TLEEIQLSFR**



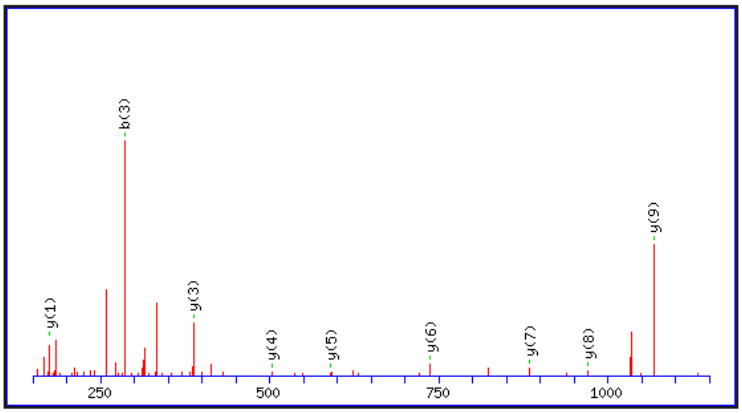
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	102.05	51.53			84.04	42.53	T							10
2	**215.14**	108.07			197.13	99.07	L	1134.62	567.81	1117.59	559.30	1116.60	558.81	9
3	**344.18**	172.59			326.17	163.59	E	**1021.53**	511.27	1004.50	502.76	1003.52	502.26	8
4	473.22	237.12			455.21	228.11	E	**892.49**	446.75	875.46	438.23	**874.48**	437.74	7
5	586.31	293.66			568.30	284.65	I	**763.45**	382.23	746.42	373.71	745.44	373.22	6
6	714.37	357.69	697.34	349.17	696.36	348.68	Q	**650.36**	325.68	633.34	317.17	632.35	316.68	5
7	827.45	414.23	810.42	405.72	809.44	405.22	L	**522.30**	261.66	505.28	253.14	504.29	252.65	4
8	914.48	457.75	897.46	449.23	896.47	448.74	S	**409.22**	205.11	392.19	196.60	391.21	196.11	3
9	1061.55	531.28	1044.52	522.77	1043.54	**522.27**	F	322.19	161.60	305.16	153.08			2
10							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID103 **LMDISGR**



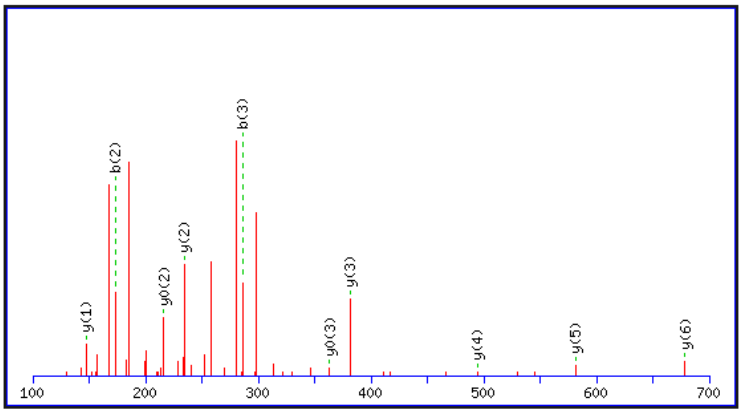
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			L							7
2	197.13	99.07			M	**630.32**	315.66	613.29	307.15	**612.31**	306.66	6
3	**312.16**	156.58	294.14	147.58	D	**547.28**	274.15	**530.26**	265.63	529.27	265.14	5
4	425.24	213.12	407.23	204.12	I	**432.26**	216.63	415.23	208.12	**414.25**	207.63	4
5	512.27	256.64	494.26	247.63	S	**319.17**	160.09	**302.15**	151.58	301.16	151.08	3
6	569.29	285.15	551.28	276.14	G	**232.14**	116.57	**215.11**	108.06			2
7					R	**175.12**	88.06	**158.09**	79.55			1

MS/MS Fragmentation of ID109 **DGLLPSFFSDVNR**



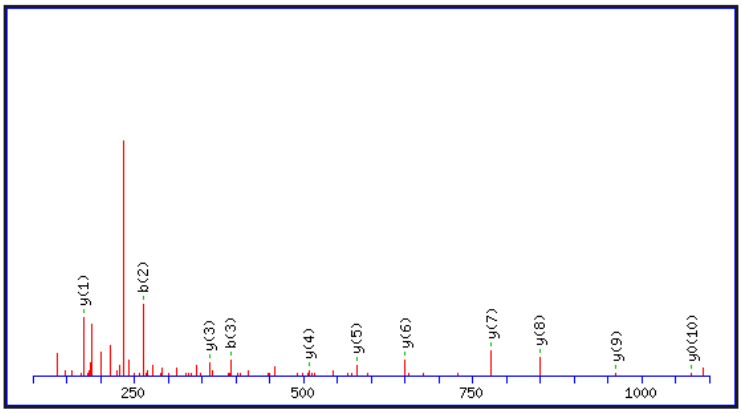
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	116.03	58.52			98.02	49.52	D							13
2	173.06	87.03			155.05	78.03	G	1351.70	676.35	1334.67	667.84	1333.69	667.35	12
3	**286.14**	143.57			268.13	134.57	L	1294.68	647.84	1277.65	639.33	1276.67	638.84	11
4	399.22	200.12			381.21	191.11	L	1181.59	591.30	1164.57	582.79	1163.58	582.30	10
5	496.28	248.64			478.27	239.64	P	**1068.51**	534.76	1051.48	526.25	1050.50	525.75	9
6	583.31	292.16			565.30	283.15	S	**971.46**	486.23	954.43	477.72	953.45	477.23	8
7	730.38	365.69			712.37	356.69	F	**884.43**	442.72	867.40	434.20	866.42	433.71	7
8	877.45	439.23			859.43	430.22	F	**737.36**	369.18	720.33	360.67	719.35	360.18	6
9	964.48	482.74			946.47	473.74	S	**590.29**	295.65	573.26	287.13	572.28	286.64	5
10	1079.50	540.26			1061.49	531.25	D	**503.26**	252.13	486.23	243.62	485.25	243.13	4
11	1178.57	589.79			1160.56	580.78	V	**388.23**	194.62	371.20	186.11			3
12	1292.62	646.81	1275.59	638.30	1274.61	637.81	N	289.16	145.08	272.14	136.57			2
13							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID110 **DGLLPSLFSK**



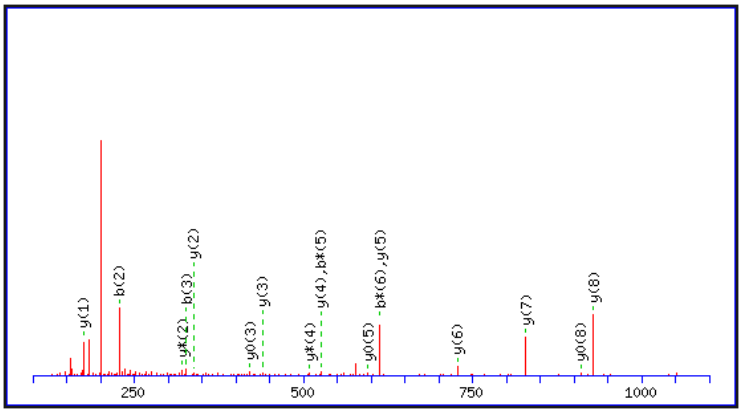
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	116.03	58.52	98.02	49.52	D							10
2	**173.06**	87.03	155.05	78.03	G	961.57	481.29	944.55	472.78	943.56	472.28	9
3	**286.14**	143.57	268.13	134.57	L	904.55	452.78	887.52	444.27	886.54	443.77	8
4	399.22	200.12	**381.21**	191.11	L	791.47	396.24	774.44	387.72	773.46	387.23	7
5	496.28	248.64	478.27	239.64	P	**678.38**	339.69	661.36	331.18	660.37	330.69	6
6	583.31	292.16	565.30	283.15	S	**581.33**	291.17	564.30	282.66	563.32	282.16	5
7	696.39	348.70	**678.38**	339.69	L	**494.30**	247.65	477.27	239.14	476.29	238.65	4
8	843.46	422.23	825.45	413.23	F	**381.21**	191.11	364.19	182.60	**363.20**	182.10	3
9	930.49	465.75	912.48	456.74	S	**234.14**	117.58	217.12	109.06	**216.13**	108.57	2
10					K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID112 **YVELAQAAFGER**



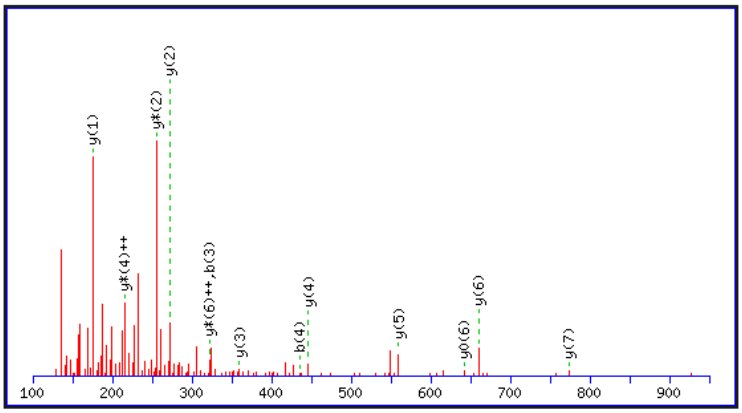
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	164.07	82.54					Y							12
2	**263.14**	132.07					V	1190.62	595.81	1173.59	587.30	1172.61	586.81	11
3	**392.18**	196.59			374.17	187.59	E	1091.55	546.28	1074.52	537.76	**1073.54**	537.27	10
4	505.27	253.14			487.26	244.13	L	**962.51**	481.76	945.48	473.24	944.49	472.75	9
5	576.30	288.66			558.29	279.65	A	**849.42**	425.21	832.39	416.70	831.41	416.21	8
6	704.36	352.68	687.33	344.17	686.35	343.68	Q	**778.38**	389.70	761.36	381.18	760.37	380.69	7
7	775.40	388.20	758.37	379.69	757.39	379.20	A	**650.33**	325.67	633.30	317.15	632.32	316.66	6
8	846.44	423.72	829.41	415.21	828.43	414.72	A	**579.29**	290.15	562.26	281.63	561.28	281.14	5
9	993.50	497.26	976.48	488.74	975.49	488.25	F	**508.25**	254.63	491.22	246.12	490.24	245.62	4
10	1050.53	525.77	1033.50	517.25	1032.51	516.76	G	**361.18**	181.10	344.16	172.58	343.17	172.09	3
11	1179.57	590.29	1162.54	581.77	1161.56	581.28	E	304.16	152.58	287.13	144.07	286.15	143.58	2
12							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID113 **NIVTDSSTYR**



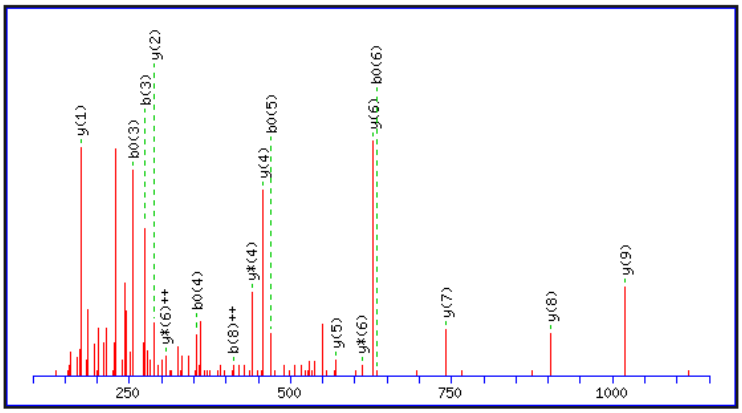
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	115.05	58.03	98.02	49.52			N							10
2	**228.13**	114.57	211.11	106.06			I	1041.52	521.26	1024.49	512.75	1023.51	512.26	9
3	**327.20**	164.10	310.18	155.59			V	**928.44**	464.72	911.41	456.21	**910.43**	455.72	8
4	428.25	214.63	411.22	206.12	410.24	205.62	T	**829.37**	415.19	812.34	406.67	811.36	406.18	7
5	543.28	272.14	**526.25**	263.63	525.27	263.14	D	**728.32**	364.66	711.29	356.15	710.31	355.66	6
6	630.31	315.66	**613.28**	307.15	612.30	306.65	S	**613.29**	307.15	596.27	298.64	**595.28**	298.15	5
7	717.34	359.17	700.31	350.66	699.33	350.17	S	**526.26**	263.63	**509.24**	255.12	508.25	254.63	4
8	818.39	409.70	801.36	401.18	800.38	400.69	T	**439.23**	220.12	422.20	211.61	**421.22**	211.11	3
9	981.45	491.23	964.43	482.72	963.44	482.22	Y	**338.18**	169.59	**321.16**	161.08			2
10							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID121 **TGYLTLSSPR**



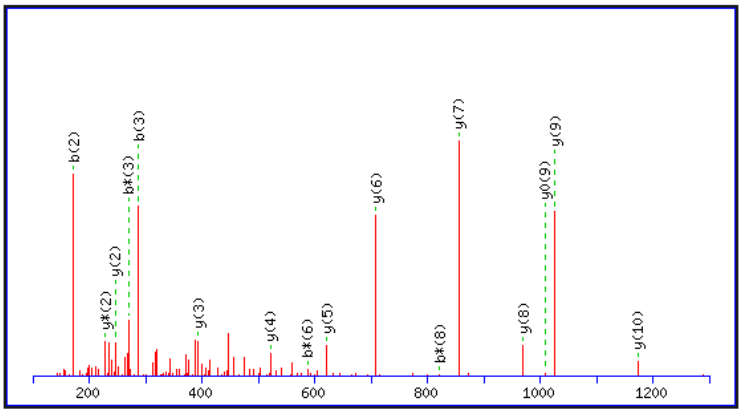
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	102.05	51.53	84.04	42.53	T							10
2	159.08	80.04	141.07	71.04	G	993.54	497.27	976.51	488.76	975.53	488.27	9
3	**322.14**	161.57	304.13	152.57	Y	936.51	468.76	919.49	460.25	918.50	459.76	8
4	**435.22**	218.12	417.21	209.11	L	**773.45**	387.23	756.43	378.72	755.44	378.22	7
5	536.27	268.64	518.26	259.63	T	**660.37**	330.69	643.34	**322.17**	**642.36**	321.68	6
6	649.36	325.18	631.34	316.18	L	**559.32**	280.16	542.29	271.65	541.31	271.16	5
7	736.39	368.70	718.38	359.69	S	**446.24**	223.62	429.21	**215.11**	428.23	214.62	4
8	823.42	412.21	805.41	403.21	S	**359.20**	180.11	342.18	171.59	341.19	171.10	3
9	920.47	460.74	902.46	451.73	P	**272.17**	136.59	**255.15**	128.08			2
10					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID127 **DGTVDYLGNPANR**



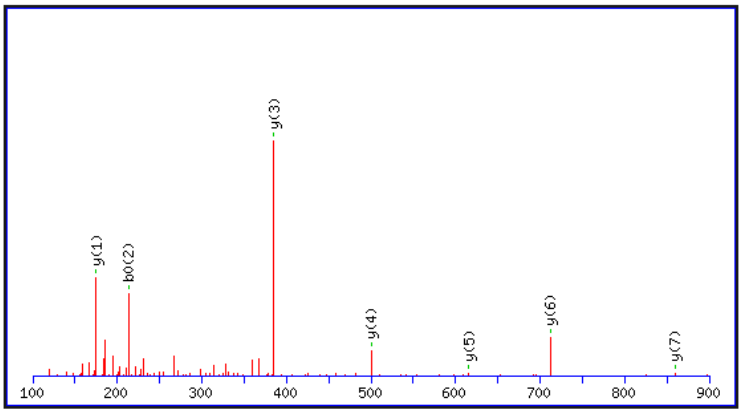
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	116.03	58.52			98.02	49.52	D							13
2	173.06	87.03			155.05	78.03	G	1276.63	638.82	1259.60	630.30	1258.62	629.81	12
3	**274.10**	137.56			**256.09**	128.55	T	1219.61	610.31	1202.58	601.79	1201.60	601.30	11
4	373.17	187.09			**355.16**	178.08	V	1118.56	559.78	1101.53	551.27	1100.55	550.78	10
5	488.20	244.60			**470.19**	235.60	D	**1019.49**	510.25	1002.46	501.74	1001.48	501.24	9
6	651.26	326.13			**633.25**	317.13	Y	**904.46**	452.74	887.44	444.22			8
7	764.35	382.68			746.34	373.67	L	**741.40**	371.20	724.37	362.69			7
8	821.37	**411.19**			803.36	402.18	G	**628.32**	314.66	**611.29**	**306.15**			6
9	935.41	468.21	918.38	459.70	917.40	459.20	N	**571.29**	286.15	554.27	277.64			5
10	1032.46	516.74	1015.44	508.22	1014.45	507.73	P	**457.25**	229.13	**440.23**	220.62			4
11	1103.50	552.25	1086.47	543.74	1085.49	543.25	A	360.20	180.60	343.17	172.09			3
12	1217.54	609.28	1200.52	600.76	1199.53	600.27	N	**289.16**	145.08	272.14	136.57			2
13							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID130 **GNDFGLFSTQFAR**



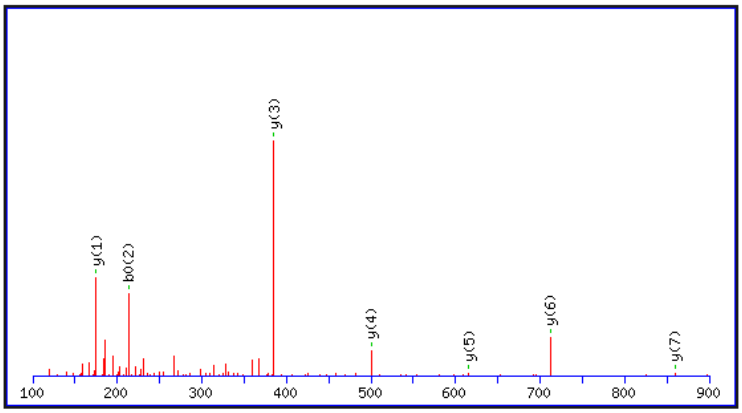
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	58.03	29.52					G							13
2	**172.07**	86.54	155.05	78.03			N	1402.67	701.84	1385.65	693.33	1384.66	692.84	12
3	**287.10**	144.05	**270.07**	135.54	269.09	135.05	D	1288.63	644.82	1271.61	636.31	1270.62	635.81	11
4	434.17	217.59	417.14	209.07	416.16	208.58	F	**1173.61**	587.31	1156.58	578.79	1155.59	578.30	10
5	491.19	246.10	474.16	237.58	473.18	237.09	G	**1026.54**	513.77	1009.51	505.26	**1008.53**	504.77	9
6	604.27	302.64	**587.25**	294.13	586.26	293.63	L	**969.52**	485.26	952.49	476.75	951.50	476.26	8
7	751.34	376.17	734.31	367.66	733.33	367.17	F	**856.43**	428.72	839.40	420.21	838.42	419.71	7
8	838.37	419.69	**821.35**	411.18	820.36	410.68	S	**709.36**	355.19	692.34	346.67	691.35	346.18	6
9	939.42	470.21	922.39	461.70	921.41	461.21	T	**622.33**	311.67	605.30	303.16	604.32	302.66	5
10	1067.48	534.24	1050.45	525.73	1049.47	525.24	Q	**521.28**	261.15	504.26	252.63			4
11	1214.55	607.78	1197.52	599.26	1196.54	598.77	F	**393.22**	197.12	376.20	188.60			3
12	1285.58	643.30	1268.56	634.78	1267.57	634.29	A	**246.16**	123.58	**229.13**	115.07			2
13							R	175.12	88.06	158.09	79.55			1

MS/MS Fragmentation of ID132 **ETFFPDDPLR**



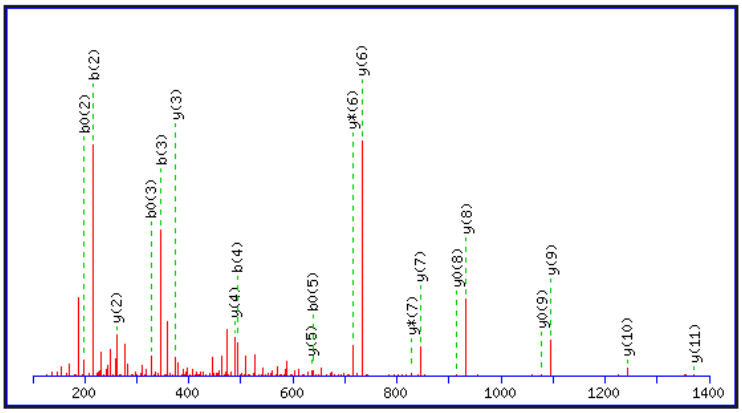
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	130.05	65.53	112.04	56.52	E							10
2	231.10	116.05	**213.09**	107.05	T	1107.55	554.28	1090.52	545.76	1089.54	545.27	9
3	378.17	189.59	360.16	180.58	F	1006.50	503.75	989.47	495.24	988.49	494.75	8
4	525.23	263.12	507.22	254.12	F	**859.43**	430.22	842.40	421.71	841.42	421.21	7
5	622.29	311.65	604.28	302.64	P	**712.36**	356.68	695.34	348.17	694.35	347.68	6
6	737.31	369.16	719.30	360.16	D	**615.31**	308.16	598.28	299.65	597.30	299.15	5
7	852.34	426.67	834.33	417.67	D	**500.28**	250.64	483.26	242.13	482.27	241.64	4
8	949.39	475.20	931.38	466.20	P	**385.26**	193.13	368.23	184.62			3
9	1062.48	531.74	1044.47	522.74	L	288.20	144.61	271.18	136.09			2
10					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID133 **ETFFPDDPLR**



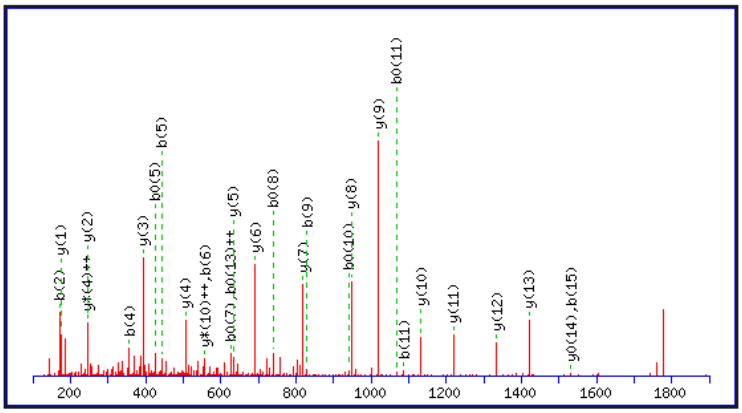
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	130.05	65.53	112.04	56.52	E							10
2	231.10	116.05	**213.09**	107.05	T	1107.55	554.28	1090.52	545.76	1089.54	545.27	9
3	378.17	189.59	360.16	180.58	F	1006.50	503.75	989.47	495.24	988.49	494.75	8
4	525.23	263.12	507.22	254.12	F	**859.43**	430.22	842.40	421.71	841.42	421.21	7
5	622.29	311.65	604.28	302.64	P	**712.36**	356.68	695.34	348.17	694.35	347.68	6
6	737.31	369.16	719.30	360.16	D	**615.31**	308.16	598.28	299.65	597.30	299.15	5
7	852.34	426.67	834.33	417.67	D	**500.28**	250.64	483.26	242.13	482.27	241.64	4
8	949.39	475.20	931.38	466.20	P	**385.26**	193.13	368.23	184.62			3
9	1062.48	531.74	1044.47	522.74	L	288.20	144.61	271.18	136.09			2
10					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID136 **SEEFYSLPFNLNK**



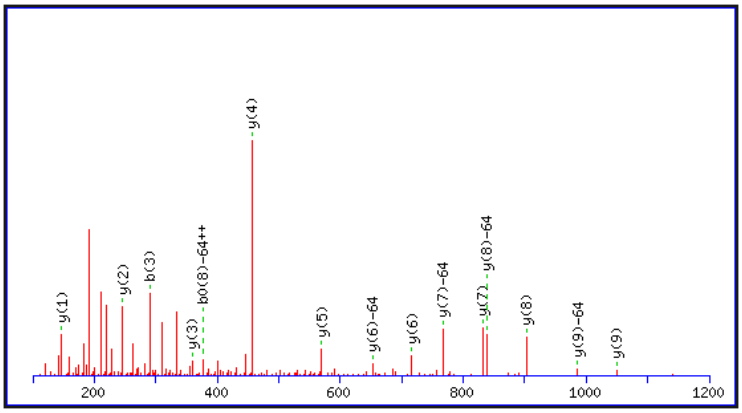
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.04	44.52			70.03	35.52	S							13
2	**217.08**	109.04			**199.07**	100.04	E	1500.74	750.87	1483.71	742.36	1482.73	741.87	12
3	**346.12**	173.57			**328.11**	164.56	E	**1371.69**	686.35	1354.67	677.84	1353.68	677.35	11
4	**493.19**	247.10			475.18	238.09	F	**1242.65**	621.83	1225.63	613.32	1224.64	612.82	10
5	656.26	328.63			**638.25**	319.63	Y	**1095.58**	548.30	1078.56	539.78	**1077.57**	539.29	9
6	743.29	372.15			725.28	363.14	S	**932.52**	466.76	915.49	458.25	**914.51**	457.76	8
7	856.37	428.69			838.36	419.68	L	**845.49**	423.25	**828.46**	414.73			7
8	953.43	477.22			935.41	468.21	P	**732.40**	366.71	**715.38**	358.19			6
9	1100.49	550.75			1082.48	541.75	F	**635.35**	318.18	618.32	309.67			5
10	1214.54	607.77	1197.51	599.26	1196.53	598.77	N	**488.28**	244.64	471.26	236.13			4
11	1327.62	664.31	1310.59	655.80	1309.61	655.31	L	**374.24**	187.62	357.21	179.11			3
12	1441.66	721.34	1424.64	712.82	1423.65	712.33	N	**261.16**	131.08	244.13	122.57			2
13							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID140 **GIGQSDSIAEQGQIFAR**



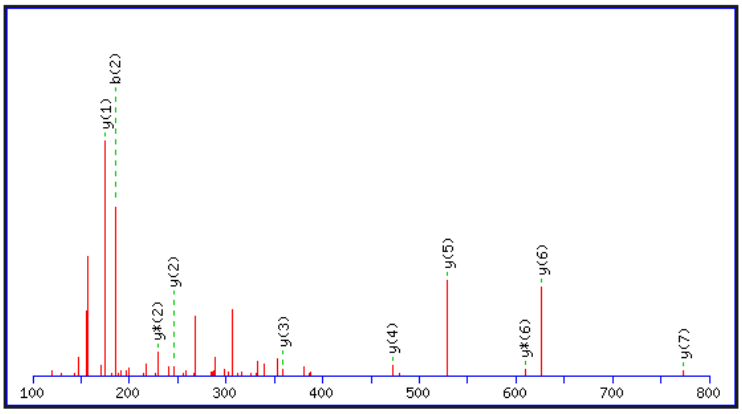
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	58.03	29.52					G							17
2	**171.11**	86.06					I	1719.87	860.44	1702.84	851.92	1701.86	851.43	16
3	228.13	114.57					G	1606.78	803.89	1589.76	795.38	1588.77	794.89	15
4	**356.19**	178.60	339.17	170.09			Q	1549.76	775.38	1532.73	766.87	**1531.75**	766.38	14
5	**443.22**	222.12	426.20	213.60	**425.21**	213.11	S	**1421.70**	711.35	1404.68	702.84	1403.69	702.35	13
6	**558.25**	279.63	541.23	271.12	540.24	270.62	D	**1334.67**	667.84	1317.64	659.33	1316.66	658.83	12
7	645.28	323.15	628.26	314.63	**627.27**	314.14	S	**1219.64**	610.33	1202.62	601.81	1201.63	601.32	11
8	758.37	379.69	741.34	371.17	**740.36**	370.68	I	**1132.61**	566.81	1115.58	**558.30**	1114.60	557.80	10
9	**829.41**	415.21	812.38	406.69	811.39	406.20	A	**1019.53**	510.27	1002.50	501.75	1001.52	501.26	9
10	958.45	479.73	941.42	471.21	**940.44**	470.72	E	**948.49**	474.75	931.46	466.24	930.48	465.74	8
11	**1086.51**	543.76	1069.48	535.24	**1068.50**	534.75	Q	**819.45**	410.23	802.42	401.71			7
12	1143.53	572.27	1126.50	563.75	1125.52	563.26	G	**691.39**	346.20	674.36	337.68			6
13	1271.59	636.30	1254.56	627.78	1253.58	**627.29**	Q	**634.37**	317.69	617.34	309.17			5
14	1384.67	692.84	1367.64	684.33	1366.66	683.83	I	**506.31**	253.66	489.28	**245.14**			4
15	**1531.74**	766.37	1514.71	757.86	1513.73	757.37	F	**393.22**	197.12	376.20	188.60			3
16	1602.78	801.89	1585.75	793.38	1584.77	792.89	A	**246.16**	123.58	229.13	115.07			2
17							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID141 **AAFADMLPLVK**



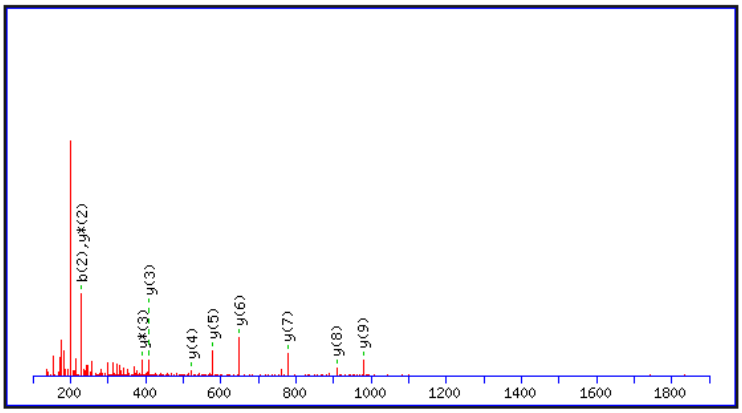
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53			A							11
2	143.08	72.04			A	1056.61	528.81	1039.58	520.29	1038.60	519.80	10
3	**290.15**	145.58			F	**985.57**	493.29	968.55	484.78	967.56	484.28	9
4	361.19	181.10			A	**838.50**	419.76	821.48	411.24	820.49	410.75	8
5	476.21	238.61	458.20	229.61	D	**767.47**	384.24	750.44	375.72	749.46	375.23	7
6	559.25	280.13	541.24	271.12	M	**652.44**	326.72	635.41	318.21			6
7	672.34	336.67	654.32	327.67	L	**569.40**	285.20	552.38	276.69			5
8	769.39	385.20	751.38	**376.19**	P	**456.32**	228.66	439.29	220.15			4
9	882.47	441.74	864.46	432.73	L	**359.27**	180.14	342.24	171.62			3
10	981.54	491.27	963.53	482.27	V	**246.18**	123.59	229.15	115.08			2
11					K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID142 **IAFPGIIAR**



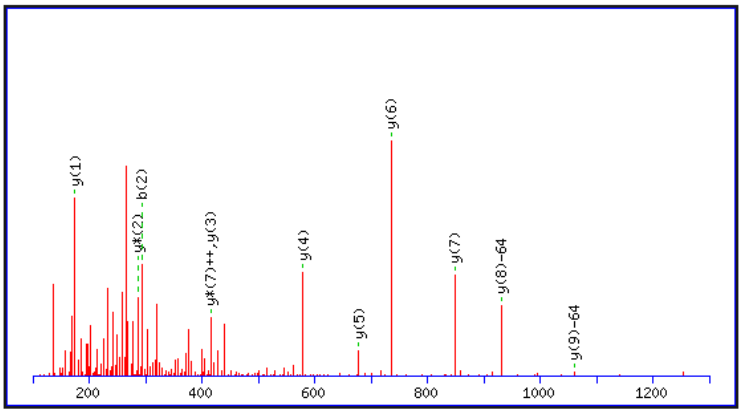
#	b	b^{++}	Seq.	y	y^{++}	y*	y^{*++}	#
1	114.09	57.55	I					9
2	**185.13**	93.07	A	844.50	422.76	827.48	414.24	8
3	332.20	166.60	F	**773.47**	387.24	756.44	378.72	7
4	429.25	215.13	P	**626.40**	313.70	**609.37**	305.19	6
5	486.27	243.64	G	**529.35**	265.18	512.32	256.66	5
6	599.36	300.18	I	**472.32**	236.67	455.30	228.15	4
7	712.44	356.72	I	**359.24**	180.12	342.21	171.61	3
8	783.48	392.24	A	**246.16**	123.58	**229.13**	115.07	2
9			R	**175.12**	88.06	158.09	79.55	1

MS/MS Fragmentation of ID143 **DIAEEAGLYAR**



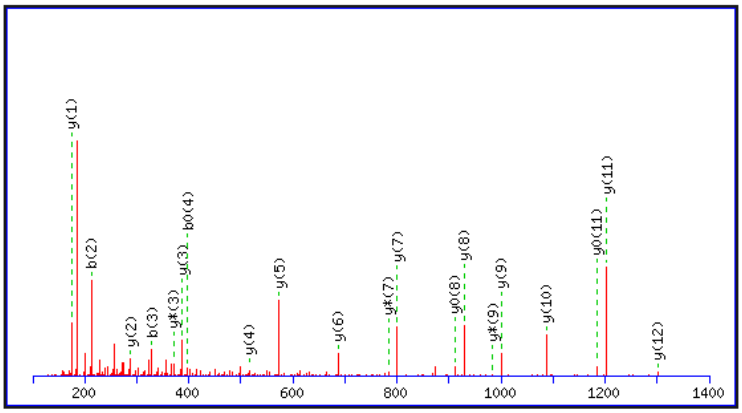
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	116.03	58.52	98.02	49.52	D							11
2	**229.12**	115.06	211.11	106.06	I	1092.57	546.79	1075.54	538.27	1074.56	537.78	10
3	300.16	150.58	282.14	141.58	A	**979.48**	490.25	962.46	481.73	961.47	481.24	9
4	429.20	215.10	411.19	206.10	E	**908.45**	454.73	891.42	446.21	890.44	445.72	8
5	558.24	279.62	540.23	270.62	E	**779.40**	390.21	762.38	381.69	761.39	381.20	7
6	629.28	315.14	611.27	306.14	A	**650.36**	325.68	633.34	317.17			6
7	686.30	343.65	668.29	334.65	G	**579.32**	290.17	562.30	281.65			5
8	799.38	400.20	781.37	391.19	L	**522.30**	261.66	505.28	253.14			4
9	962.45	481.73	944.44	472.72	Y	**409.22**	205.11	**392.19**	196.60			3
10	1033.48	517.25	1015.47	508.24	A	246.16	123.58	**229.13**	115.07			2
11					R	175.12	88.06	158.09	79.55			1

MS/MS Fragmentation of ID144 **YEMLGVYLQR**



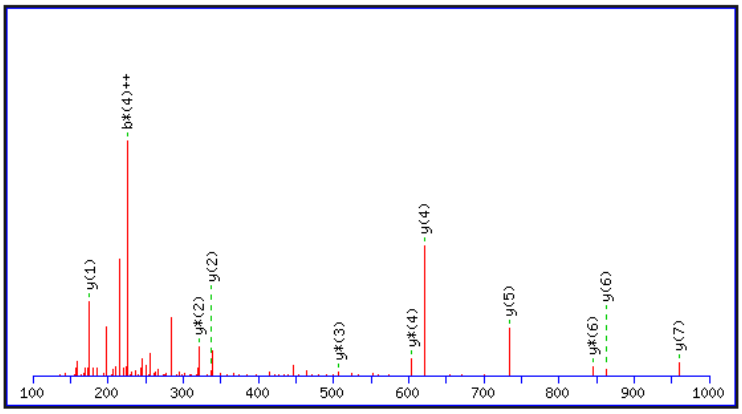
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	164.07	82.54					Y							10
2	**293.11**	147.06			275.10	138.05	E	**1060.58**	530.79	1043.55	522.28	1042.57	521.79	9
3	376.15	188.58			358.14	179.57	M	**931.54**	466.27	914.51	457.76			8
4	489.23	245.12			471.22	236.12	L	**848.50**	424.75	831.47	**416.24**			7
5	546.26	273.63			528.25	264.63	G	**735.41**	368.21	718.39	359.70			6
6	645.32	323.17			627.31	314.16	V	**678.39**	339.70	661.37	331.19			5
7	808.39	404.70			790.38	395.69	Y	**579.32**	290.17	562.30	281.65			4
8	921.47	461.24			903.46	452.23	L	**416.26**	208.63	399.24	200.12			3
9	1049.53	525.27	1032.50	516.76	1031.52	516.26	Q	303.18	152.09	**286.15**	143.58			2
10							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID145 **IVDSAENLGEVLR**



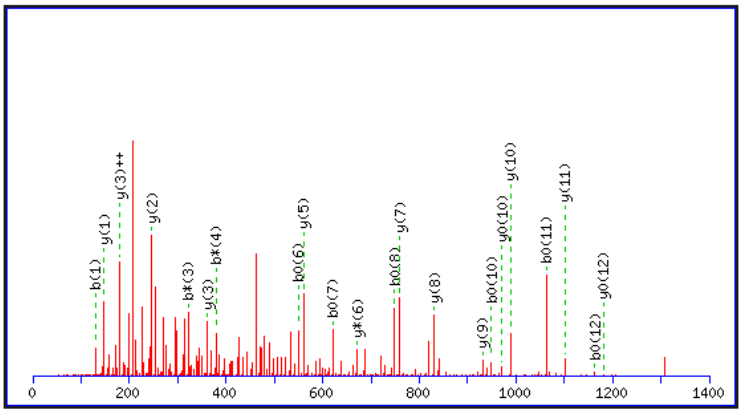
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					I							13
2	**213.16**	107.08					V	**1301.67**	651.34	1284.64	642.83	1283.66	642.33	12
3	**328.19**	164.60			310.18	155.59	D	**1202.60**	601.80	1185.57	593.29	**1184.59**	592.80	11
4	415.22	208.11			**397.21**	199.11	S	**1087.57**	544.29	1070.55	535.78	1069.56	535.29	10
5	486.26	243.63			468.25	234.63	A	**1000.54**	500.77	**983.52**	492.26	982.53	491.77	9
6	615.30	308.15			597.29	299.15	E	**929.51**	465.26	912.48	456.74	**911.49**	456.25	8
7	729.34	365.17	712.31	356.66	711.33	356.17	N	**800.46**	400.73	**783.44**	392.22	782.45	391.73	7
8	842.43	421.72	825.40	413.20	824.41	412.71	L	**686.42**	343.71	669.39	335.20	668.41	334.71	6
9	899.45	450.23	882.42	441.71	881.44	441.22	G	**573.34**	287.17	556.31	278.66	555.32	278.17	5
10	1028.49	514.75	1011.46	506.24	1010.48	505.74	E	**516.31**	258.66	499.29	250.15	498.30	249.66	4
11	1127.56	564.28	1110.53	555.77	1109.55	555.28	V	**387.27**	194.14	**370.24**	185.63			3
12	1240.64	620.82	1223.62	612.31	1222.63	611.82	L	**288.20**	144.61	271.18	136.09			2
13							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID146 **EIPQLPWYR**



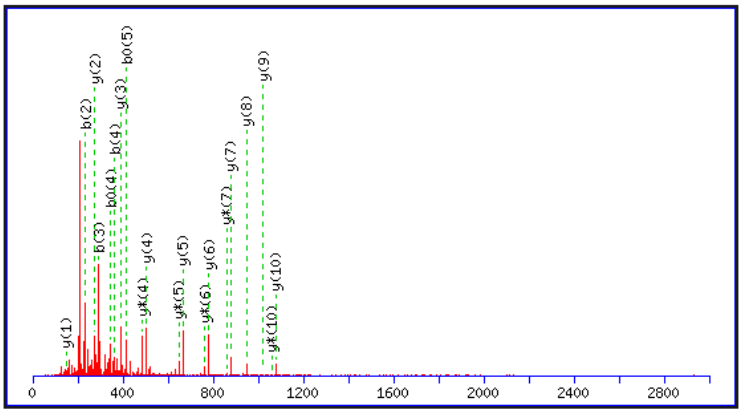
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	#
1	130.05	65.53			112.04	56.52	E					9
2	243.13	122.07			225.12	113.07	I	1072.59	536.80	1055.57	528.29	8
3	340.19	170.60			322.18	161.59	P	**959.51**	480.26	942.48	471.75	7
4	468.25	234.63	451.22	**226.11**	450.23	225.62	Q	**862.46**	431.73	**845.43**	423.22	6
5	581.33	291.17	564.30	282.66	563.32	282.16	L	**734.40**	367.70	717.37	359.19	5
6	678.38	339.69	661.36	331.18	660.37	330.69	P	**621.31**	311.16	**604.29**	302.65	4
7	864.46	432.73	847.43	424.22	846.45	423.73	W	524.26	262.63	**507.24**	254.12	3
8	1027.52	514.27	1010.50	505.75	1009.51	505.26	Y	**338.18**	169.59	**321.16**	161.08	2
9							R	**175.12**	88.06	158.09	79.55	1

MS/MS Fragmentation of ID151 **QPIGTAAQAQDVK**



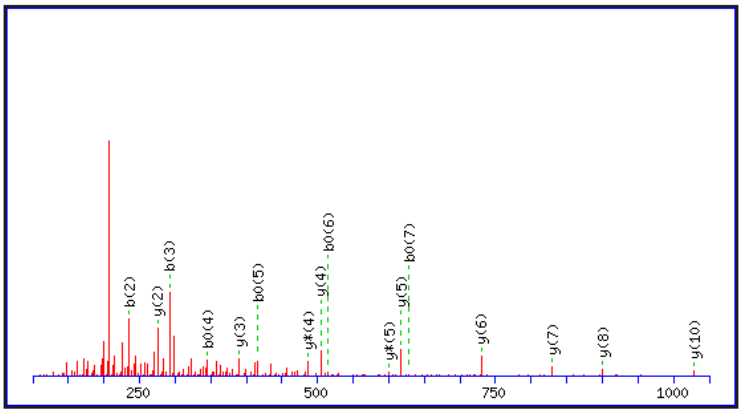
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	**129.07**	65.04	112.04	56.52			Q							13
2	226.12	113.56	209.09	105.05			P	1198.64	599.82	1181.62	591.31	**1180.63**	590.82	12
3	339.20	170.10	**322.18**	161.59			I	**1101.59**	551.30	1084.56	542.79	1083.58	542.29	11
4	396.22	198.62	**379.20**	190.10			G	**988.51**	494.76	971.48	486.24	**970.50**	485.75	10
5	497.27	249.14	480.25	240.63	479.26	240.13	T	**931.48**	466.25	914.46	457.73	913.47	457.24	9
6	568.31	284.66	551.28	276.14	**550.30**	275.65	A	**830.44**	415.72	813.41	407.21	812.43	406.72	8
7	639.35	320.18	622.32	311.66	**621.34**	311.17	A	**759.40**	380.20	742.37	371.69	741.39	371.20	7
8	767.40	384.21	750.38	375.69	**749.39**	375.20	Q	688.36	344.68	**671.34**	336.17	670.35	335.68	6
9	838.44	419.72	821.42	411.21	820.43	410.72	A	**560.30**	280.66	543.28	272.14	542.29	271.65	5
10	966.50	483.75	949.47	475.24	**948.49**	474.75	Q	489.27	245.14	472.24	236.62	471.26	236.13	4
11	1081.53	541.27	1064.50	532.75	**1063.52**	532.26	D	**361.21**	**181.11**	344.18	172.59	343.20	172.10	3
12	1180.60	590.80	1163.57	582.29	**1162.59**	581.80	V	**246.18**	123.59	229.15	115.08			2
13							K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID154 **SFGAAVIYNNKK**



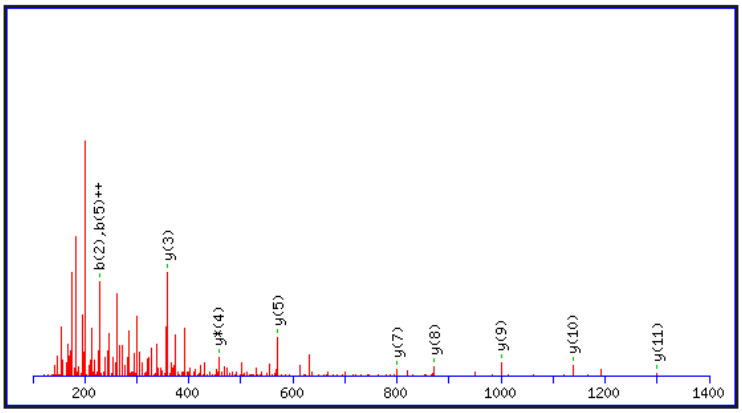
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	#
1	88.04	44.52			70.03	35.52	S					12
2	**235.11**	118.06			217.10	109.05	F	1224.67	612.84	1207.65	604.33	11
3	**292.13**	146.57			274.12	137.56	G	**1077.61**	539.31	**1060.58**	530.79	10
4	**363.17**	182.09			**345.16**	173.08	A	**1020.58**	510.80	1003.56	502.28	9
5	434.20	217.61			**416.19**	208.60	A	**949.55**	475.28	932.52	466.76	8
6	533.27	267.14			515.26	258.13	V	**878.51**	439.76	**861.48**	431.25	7
7	646.36	323.68			628.35	314.68	I	**779.44**	390.22	**762.41**	381.71	6
8	809.42	405.21			791.41	396.21	Y	**666.36**	333.68	**649.33**	325.17	5
9	923.46	462.23	906.44	453.72	905.45	453.23	N	**503.29**	252.15	**486.27**	243.64	4
10	1037.51	519.26	1020.48	510.74	1019.49	510.25	N	**389.25**	195.13	372.22	186.62	3
11	1165.60	583.30	1148.57	574.79	1147.59	574.30	K	**275.21**	138.11	258.18	129.59	2
12							K	**147.11**	74.06	130.09	65.55	1

MS/MS Fragmentation of ID156 **SFGAAVIINDKK**



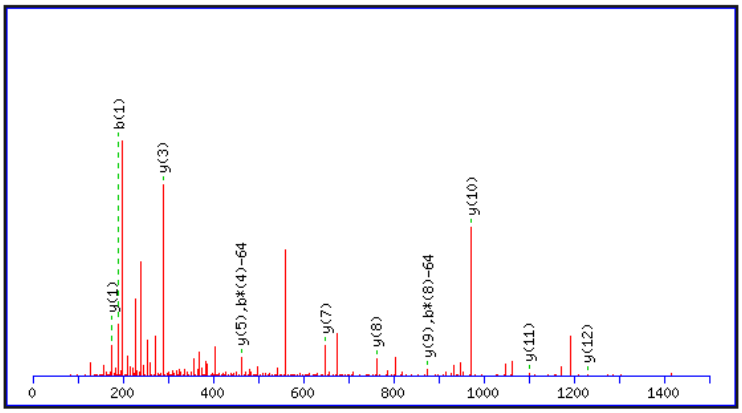
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.04	44.52			70.03	35.52	S							12
2	**235.11**	118.06			217.10	109.05	F	1175.68	588.34	1158.65	579.83	1157.67	579.34	11
3	**292.13**	146.57			274.12	137.56	G	**1028.61**	514.81	1011.58	506.30	1010.60	505.80	10
4	363.17	182.09			**345.16**	173.08	A	971.59	486.30	954.56	477.78	953.58	477.29	9
5	434.20	217.61			**416.19**	208.60	A	**900.55**	450.78	883.52	442.27	882.54	441.77	8
6	533.27	267.14			**515.26**	258.13	V	**829.51**	415.26	812.49	406.75	811.50	406.26	7
7	646.36	323.68			**628.35**	314.68	I	**730.45**	365.73	713.42	357.21	712.44	356.72	6
8	759.44	380.22			741.43	371.22	I	**617.36**	309.18	**600.34**	300.67	599.35	300.18	5
9	873.48	437.25	856.46	428.73	855.47	428.24	N	**504.28**	252.64	**487.25**	244.13	486.27	243.64	4
10	988.51	494.76	971.48	486.25	970.50	485.75	D	**390.23**	195.62	373.21	187.11	372.22	186.62	3
11	1116.60	558.81	1099.58	550.29	1098.59	549.80	K	**275.21**	138.11	258.18	129.59			2
12							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID158 **NIAVGHYHEATQPDALR**



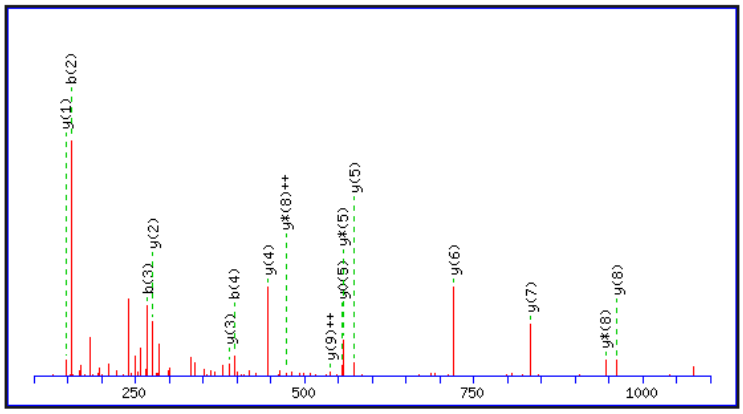
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	115.05	58.03	98.02	49.52			N							17
2	**228.13**	114.57	211.11	106.06			I	1777.90	889.45	1760.87	880.94	1759.89	880.45	16
3	299.17	150.09	282.14	141.58			A	1664.81	832.91	1647.79	824.40	1646.80	823.91	15
4	398.24	199.62	381.21	191.11			V	1593.78	797.39	1576.75	788.88	1575.77	788.39	14
5	455.26	**228.13**	438.23	219.62			G	1494.71	747.86	1477.68	739.34	1476.70	738.85	13
6	592.32	296.66	575.29	288.15			H	1437.69	719.35	1420.66	710.83	1419.68	710.34	12
7	755.38	378.20	738.36	369.68			Y	**1300.63**	650.82	1283.60	642.30	1282.62	641.81	11
8	892.44	446.72	875.42	438.21			H	**1137.56**	569.29	1120.54	560.77	1119.55	560.28	10
9	1021.48	511.25	1004.46	502.73	1003.47	502.24	E	**1000.51**	500.76	983.48	492.24	982.50	491.75	9
10	1092.52	546.76	1075.50	538.25	1074.51	537.76	A	**871.46**	436.24	854.44	427.72	853.45	427.23	8
11	1193.57	597.29	1176.54	588.78	1175.56	588.28	T	**800.43**	400.72	783.40	392.20	782.42	391.71	7
12	1321.63	661.32	1304.60	652.80	1303.62	652.31	Q	699.38	350.19	682.35	341.68	681.37	341.19	6
13	1418.68	709.84	1401.65	701.33	1400.67	700.84	P	**571.32**	286.16	554.29	277.65	553.31	277.16	5
14	1533.71	767.36	1516.68	758.84	1515.70	758.35	D	474.27	237.64	**457.24**	229.12	456.26	228.63	4
15	1604.75	802.88	1587.72	794.36	1586.73	793.87	A	**359.24**	180.12	342.21	171.61			3
16	1717.83	859.42	1700.80	850.90	1699.82	850.41	L	288.20	144.61	271.18	136.09			2
17							R	175.12	88.06	158.09	79.55			1

MS/MS Fragmentation of ID160 **MEKPLLGESSGGR**



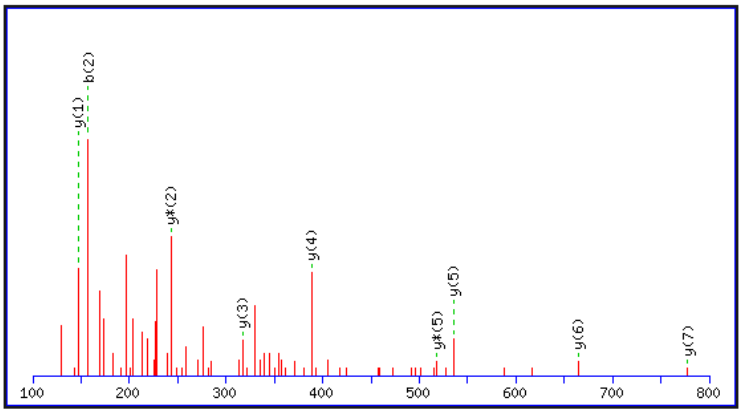
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	**190.05**	95.53					M							13
2	319.10	160.05			301.09	151.05	E	**1229.65**	615.33	1212.62	606.81	1211.64	606.32	12
3	447.19	224.10	430.16	215.59	429.18	215.09	K	**1100.61**	550.81	1083.58	542.29	1082.60	541.80	11
4	544.24	272.63	527.22	264.11	526.23	263.62	P	**972.51**	486.76	955.48	478.25	954.50	477.75	10
5	657.33	329.17	640.30	320.65	639.32	320.16	L	**875.46**	438.23	858.43	429.72	857.45	429.23	9
6	770.41	385.71	753.39	377.20	752.40	376.70	L	**762.37**	381.69	745.35	373.18	744.36	372.69	8
7	827.43	414.22	810.41	405.71	809.42	405.21	G	**649.29**	325.15	632.26	316.64	631.28	316.14	7
8	956.48	478.74	939.45	470.23	938.47	469.74	E	592.27	296.64	575.24	288.12	574.26	287.63	6
9	1043.51	522.26	1026.48	513.74	1025.50	513.25	S	**463.23**	232.12	446.20	223.60	445.22	223.11	5
10	1130.54	565.77	1113.51	557.26	1112.53	556.77	S	376.19	188.60	359.17	180.09	358.18	179.60	4
11	1187.56	594.28	1170.53	585.77	1169.55	585.28	G	**289.16**	145.08	272.14	136.57			3
12	1244.58	622.79	1227.56	614.28	1226.57	613.79	G	232.14	116.57	215.11	108.06			2
13							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID161 **GPLQIFQGIEK**



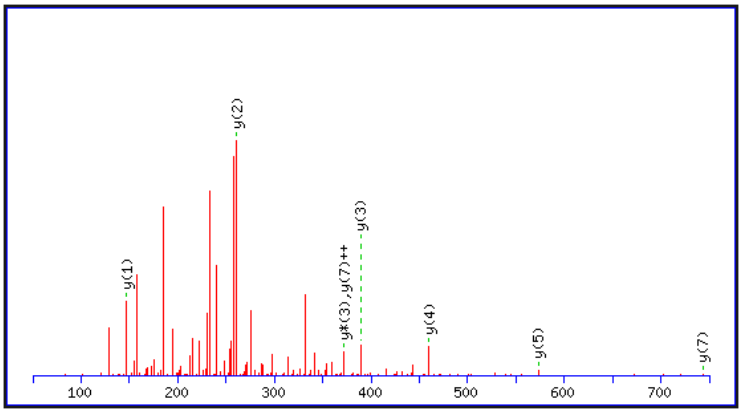
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	58.03	29.52					G							11
2	**155.08**	78.04					P	1172.67	586.84	1155.64	578.32	1154.66	577.83	10
3	**268.17**	134.59					L	1075.61	**538.31**	1058.59	529.80	1057.60	529.31	9
4	**396.22**	198.62	379.20	190.10			Q	**962.53**	481.77	**945.50**	**473.26**	944.52	472.76	8
5	509.31	255.16	492.28	246.64			I	**834.47**	417.74	817.45	409.23	816.46	408.73	7
6	656.38	328.69	639.35	320.18			F	**721.39**	361.20	704.36	352.68	703.38	352.19	6
7	784.44	392.72	767.41	384.21			Q	**574.32**	287.66	**557.29**	279.15	**556.31**	278.66	5
8	841.46	421.23	824.43	412.72			G	**446.26**	223.63	429.23	215.12	428.25	214.63	4
9	954.54	477.77	937.51	469.26			I	**389.24**	195.12	372.21	186.61	371.23	186.12	3
10	1083.58	542.30	1066.56	533.78	1065.57	533.29	E	**276.16**	138.58	259.13	130.07	258.14	129.58	2
11							K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID163 **GVGGLLEFAGIK**



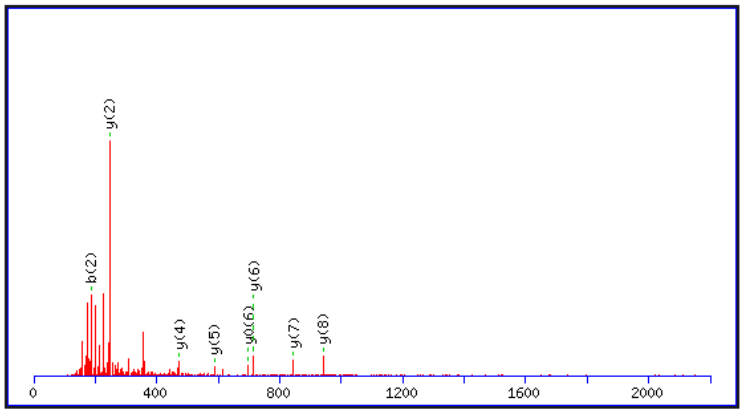
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	58.03	29.52			G							12
2	**157.10**	79.05			V	1103.65	552.33	1086.62	543.81	1085.64	543.32	11
3	214.12	107.56			G	1004.58	502.79	987.55	494.28	986.57	493.79	10
4	271.14	136.07			G	947.56	474.28	930.53	465.77	929.55	465.28	9
5	384.22	192.62			L	890.53	445.77	873.51	437.26	872.52	436.77	8
6	497.31	249.16			L	**777.45**	389.23	760.42	380.72	759.44	380.22	7
7	626.35	313.68	608.34	304.67	E	**664.37**	332.69	647.34	324.17	646.36	323.68	6
8	773.42	387.21	755.41	378.21	F	**535.32**	268.17	**518.30**	259.65			5
9	844.46	422.73	826.45	413.73	A	**388.26**	194.63	371.23	186.12			4
10	901.48	451.24	883.47	442.24	G	**317.22**	159.11	300.19	150.60			3
11	1014.56	507.78	996.55	498.78	I	260.20	130.60	**243.17**	122.09			2
12					K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID164 **LLGLAQNK**



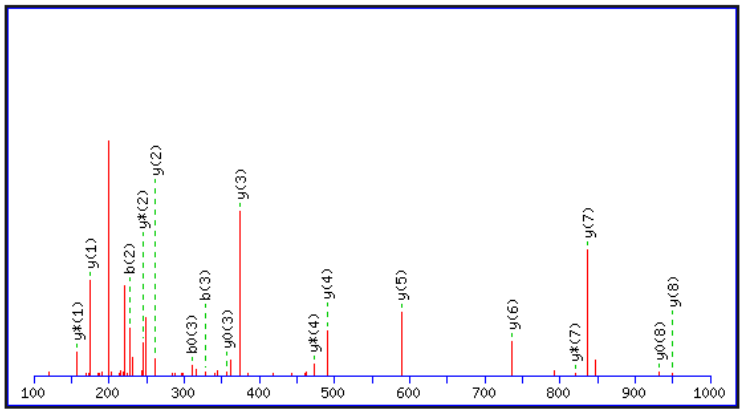
#	b	b^{++}	b*	b^{*++}	Seq.	y	y^{++}	y*	y^{*++}	#
1	114.09	57.55			L					8
2	227.18	114.09			L	**743.44**	**372.22**	726.41	363.71	7
3	284.20	142.60			G	630.36	315.68	613.33	307.17	6
4	397.28	199.14			L	**573.34**	287.17	556.31	278.66	5
5	468.32	234.66			A	**460.25**	230.63	443.22	222.12	4
6	596.38	298.69	579.35	290.18	Q	**389.21**	195.11	**372.19**	186.60	3
7	710.42	355.71	693.39	347.20	N	**261.16**	131.08	244.13	122.57	2
8					K	**147.11**	74.06	130.09	65.55	1

MS/MS Fragmentation of ID166 **GETPEQILDAR**



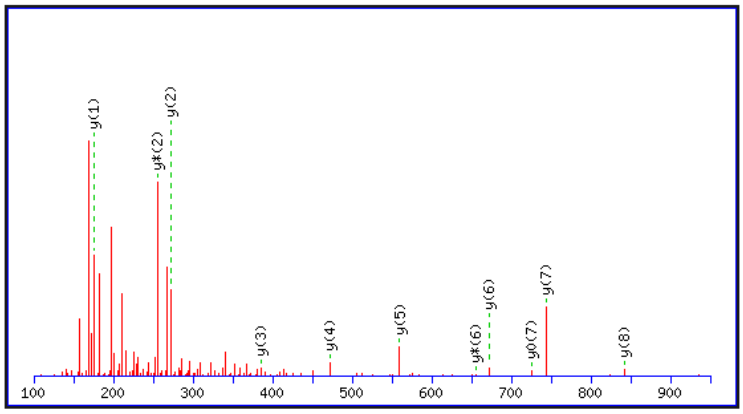
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	58.03	29.52					G							11
2	**187.07**	94.04			169.06	85.03	E	1171.60	586.30	1154.57	577.79	1153.58	577.30	10
3	288.12	144.56			270.11	135.56	T	1042.55	521.78	1025.53	513.27	1024.54	512.77	9
4	385.17	193.09			367.16	184.08	P	**941.51**	471.26	924.48	462.74	923.49	462.25	8
5	514.21	257.61			496.20	248.61	E	**844.45**	422.73	827.43	414.22	826.44	413.72	7
6	642.27	321.64	625.25	313.13	624.26	312.63	Q	**715.41**	358.21	698.38	349.70	**697.40**	349.20	6
7	755.36	378.18	738.33	369.67	737.35	369.18	I	**587.35**	294.18	570.32	285.67	569.34	285.17	5
8	868.44	434.72	851.41	426.21	850.43	425.72	L	**474.27**	237.64	457.24	229.12	456.26	228.63	4
9	983.47	492.24	966.44	483.72	965.46	483.23	D	361.18	181.10	344.16	172.58	343.17	172.09	3
10	1054.51	527.76	1037.48	519.24	1036.49	518.75	A	**246.16**	123.58	229.13	115.07			2
11							R	175.12	88.06	158.09	79.55			1

MS/MS Fragmentation of ID168 **LLTFVDLSR**



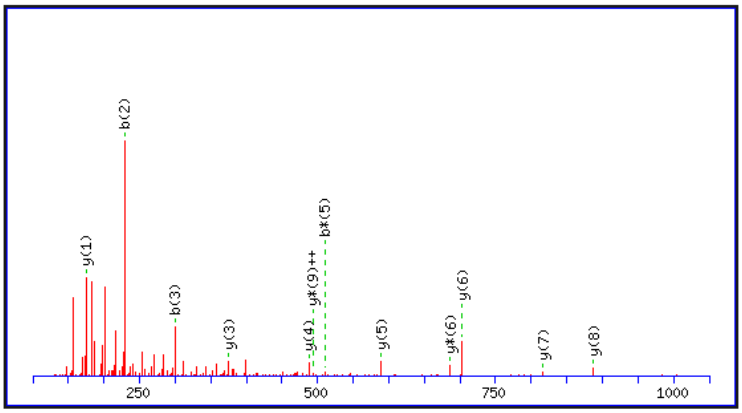
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			L							9
2	**227.18**	114.09			L	**950.53**	475.77	933.50	467.26	**932.52**	466.76	8
3	**328.22**	164.62	**310.21**	155.61	T	**837.45**	419.23	**820.42**	410.71	819.44	410.22	7
4	475.29	238.15	457.28	229.14	F	**736.40**	368.70	719.37	360.19	718.39	359.70	6
5	574.36	287.68	556.35	278.68	V	**589.33**	295.17	572.30	286.66	571.32	286.16	5
6	689.39	345.20	671.38	336.19	D	**490.26**	245.63	**473.24**	237.12	472.25	236.63	4
7	802.47	401.74	784.46	392.73	L	**375.24**	188.12	358.21	179.61	**357.22**	179.12	3
8	889.50	445.26	871.49	436.25	S	**262.15**	131.58	**245.12**	123.07	244.14	122.57	2
9					R	**175.12**	88.06	**158.09**	79.55			1

MS/MS Fragmentation of ID171 **IPVALSSLPR**



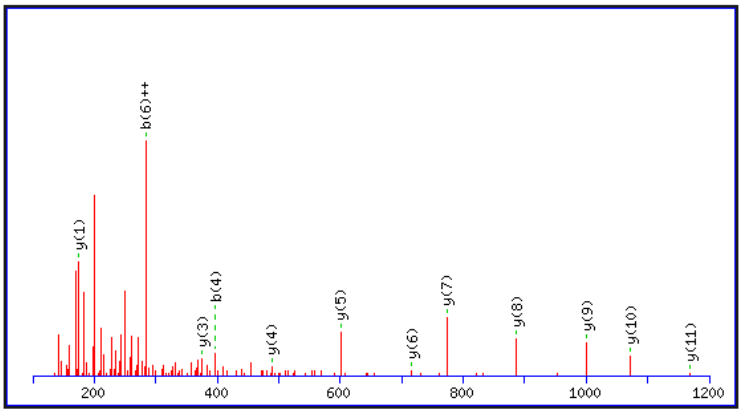
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			I							10
2	211.14	106.08			P	939.56	470.28	922.54	461.77	921.55	461.28	9
3	310.21	155.61			V	**842.51**	421.76	825.48	413.25	824.50	412.75	8
4	381.25	191.13			A	**743.44**	372.22	726.41	363.71	**725.43**	363.22	7
5	494.33	247.67			L	**672.40**	336.71	**655.38**	328.19	654.39	327.70	6
6	581.37	291.19	563.36	282.18	S	**559.32**	280.16	542.29	271.65	541.31	271.16	5
7	668.40	334.70	650.39	325.70	S	**472.29**	236.65	455.26	228.13	454.28	227.64	4
8	781.48	391.24	763.47	382.24	L	**385.26**	193.13	368.23	184.62			3
9	878.53	439.77	860.52	430.77	P	**272.17**	136.59	**255.15**	128.08			2
10					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID174 **LDALNTLSLR**



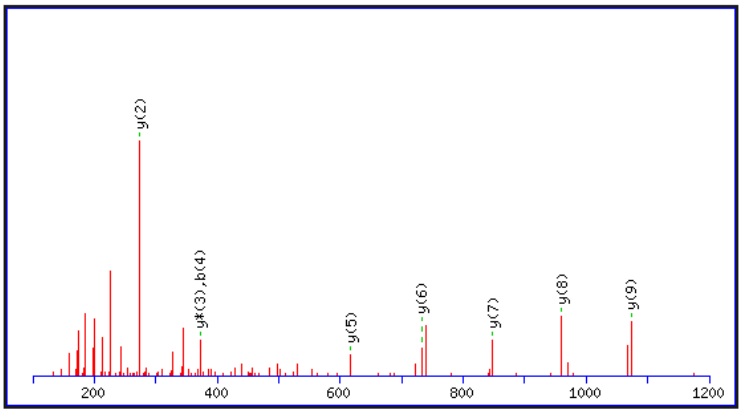
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					L							10
2	**229.12**	115.06			211.11	106.06	D	1002.56	501.78	985.53	**493.27**	984.55	492.78	9
3	**300.16**	150.58			282.14	141.58	A	**887.53**	444.27	870.50	435.76	869.52	435.26	8
4	413.24	207.12			395.23	198.12	L	**816.49**	408.75	799.47	400.24	798.48	399.75	7
5	527.28	264.14	**510.26**	255.63	509.27	255.14	N	**703.41**	352.21	**686.38**	343.70	685.40	343.20	6
6	628.33	314.67	611.30	306.16	610.32	305.66	T	**589.37**	295.19	572.34	286.67	571.36	286.18	5
7	741.41	371.21	724.39	362.70	723.40	362.21	L	**488.32**	244.66	471.29	236.15	470.31	235.66	4
8	828.45	414.73	811.42	406.21	810.44	405.72	S	**375.24**	188.12	358.21	179.61	357.22	179.12	3
9	941.53	471.27	924.50	462.76	923.52	462.26	L	288.20	144.61	271.18	136.09			2
10							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID176 **IPADIGDIISLR**



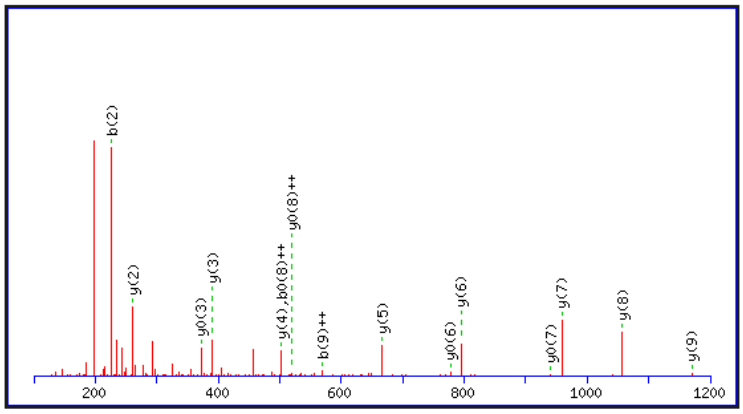
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			I							12
2	211.14	106.08			P	**1169.65**	585.33	1152.63	576.82	1151.64	576.32	11
3	282.18	141.59			A	**1072.60**	536.80	1055.57	528.29	1054.59	527.80	10
4	**397.21**	199.11	379.20	190.10	D	**1001.56**	501.28	984.54	492.77	983.55	492.28	9
5	510.29	255.65	492.28	246.64	I	**886.54**	443.77	869.51	435.26	868.53	434.77	8
6	567.31	**284.16**	549.30	275.16	G	**773.45**	387.23	756.43	378.72	755.44	378.22	7
7	682.34	341.67	664.33	332.67	D	**716.43**	358.72	699.40	350.21	698.42	349.71	6
8	795.42	398.22	777.41	389.21	I	**601.40**	301.21	584.38	292.69	583.39	292.20	5
9	908.51	454.76	890.50	445.75	I	**488.32**	244.66	471.29	236.15	470.31	235.66	4
10	995.54	498.27	977.53	489.27	S	**375.24**	188.12	358.21	179.61	357.22	179.12	3
11	1108.62	554.82	1090.61	545.81	L	288.20	144.61	271.18	136.09			2
12					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID188 **SANVLLDDDLDVR**



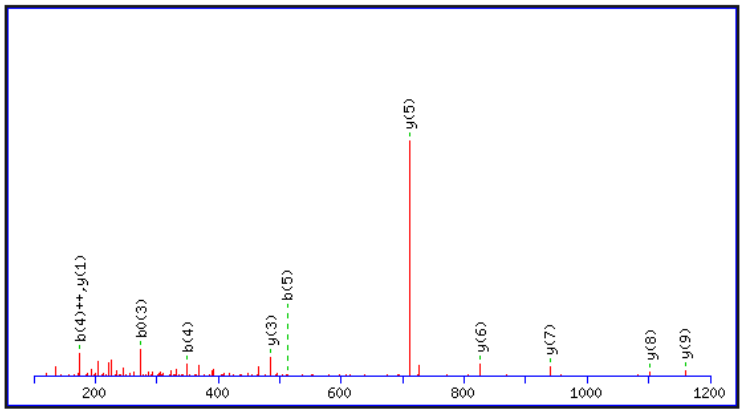
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.04	44.52			70.03	35.52	S							13
2	159.08	80.04			141.07	71.04	A	1357.70	679.35	1340.67	670.84	1339.69	670.35	12
3	273.12	137.06	256.09	128.55	255.11	128.06	N	1286.66	643.83	1269.63	635.32	1268.65	634.83	11
4	**372.19**	186.60	355.16	178.08	354.18	177.59	V	1172.62	586.81	1155.59	578.30	1154.61	577.81	10
5	485.27	243.14	468.25	234.63	467.26	234.13	L	**1073.55**	537.28	1056.52	528.76	1055.54	528.27	9
6	598.36	299.68	581.33	291.17	580.35	290.68	L	**960.46**	480.74	943.44	472.22	942.45	471.73	8
7	713.38	357.20	696.36	348.68	695.37	348.19	D	**847.38**	424.19	830.35	415.68	829.37	415.19	7
8	828.41	414.71	811.38	406.20	810.40	405.70	D	**732.35**	366.68	715.33	358.17	714.34	357.67	6
9	943.44	472.22	926.41	463.71	925.43	463.22	D	**617.33**	309.17	600.30	300.65	599.31	300.16	5
10	1056.52	528.76	1039.49	520.25	1038.51	519.76	L	502.30	251.65	485.27	243.14	484.29	242.65	4
11	1171.55	586.28	1154.52	577.76	1153.54	577.27	D	389.21	195.11	**372.19**	186.60	371.20	186.11	3
12	1270.62	635.81	1253.59	627.30	1252.61	626.81	V	**274.19**	137.60	257.16	129.08			2
13							R	175.12	88.06	158.09	79.55			1

MS/MS Fragmentation of ID190 **LLVYEYLENK**



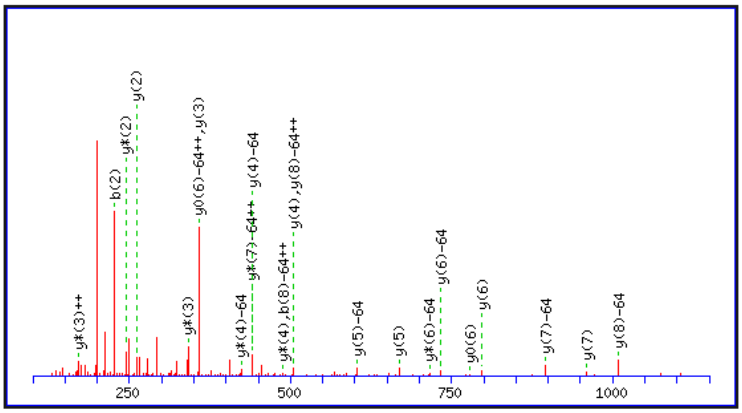
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					L							10
2	**227.18**	114.09					L	**1170.60**	585.81	1153.58	577.29	1152.59	576.80	9
3	326.24	163.63					V	**1057.52**	529.26	1040.49	520.75	1039.51	**520.26**	8
4	489.31	245.16					Y	**958.45**	479.73	941.43	471.22	**940.44**	470.72	7
5	618.35	309.68			600.34	300.67	E	**795.39**	398.20	778.36	389.68	**777.38**	389.19	6
6	781.41	391.21			763.40	382.20	Y	**666.35**	333.68	649.32	325.16	648.34	324.67	5
7	894.50	447.75			876.49	438.75	L	**503.28**	252.14	486.26	243.63	485.27	243.14	4
8	1023.54	512.27			1005.53	**503.27**	E	**390.20**	195.60	373.17	187.09	**372.19**	186.60	3
9	1137.58	**569.29**	1120.56	560.78	1119.57	560.29	N	**261.16**	131.08	244.13	122.57			2
10							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID211 **GSFGYLDPEYFR**



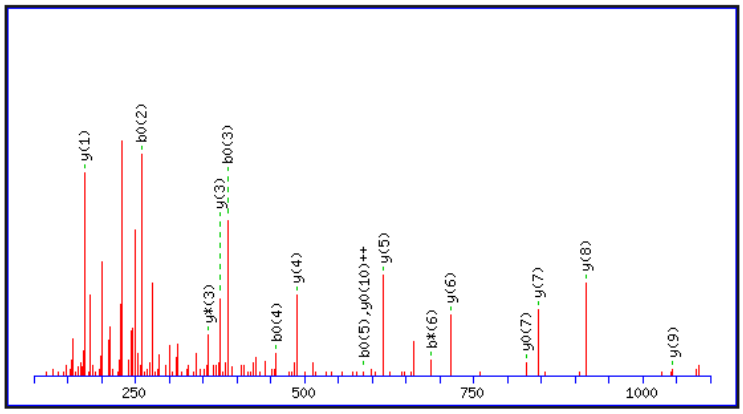
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	58.03	29.52			G							12
2	145.06	73.03	127.05	64.03	S	1393.64	697.32	1376.62	688.81	1375.63	688.32	11
3	292.13	146.57	**274.12**	137.56	F	1306.61	653.81	1289.58	645.30	1288.60	644.80	10
4	**349.15**	**175.08**	331.14	166.07	G	**1159.54**	580.27	1142.52	571.76	1141.53	571.27	9
5	**512.21**	256.61	494.20	247.61	Y	**1102.52**	551.76	1085.49	543.25	1084.51	542.76	8
6	625.30	313.15	607.29	304.15	L	**939.46**	470.23	922.43	461.72	921.45	461.23	7
7	740.32	370.67	722.31	361.66	D	**826.37**	413.69	809.35	405.18	808.36	404.68	6
8	837.38	419.19	819.37	410.19	P	**711.35**	356.18	694.32	347.66	693.34	347.17	5
9	966.42	483.71	948.41	474.71	E	614.29	307.65	597.27	299.14	596.28	298.64	4
10	1129.48	565.25	1111.47	556.24	Y	**485.25**	243.13	468.22	234.62			3
11	1276.55	638.78	1258.54	629.77	F	322.19	161.60	305.16	153.08			2
12					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID216 **ILIYEYMPNK**



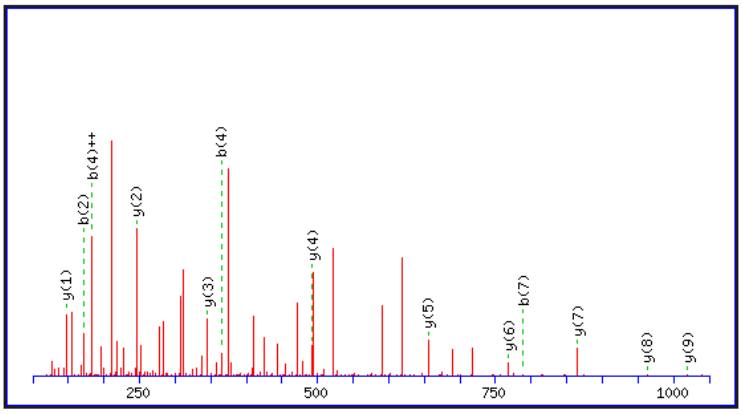
#	b	b^{++}	b*	b*$^{++}$	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y*$^{++}$	y^{0}	y^{0++}	#
1	114.09	57.55					I							10
2	**227.18**	114.09					L	1122.58	561.80	1105.56	553.28	1104.57	552.79	9
3	340.26	170.63					I	**1009.50**	**505.25**	992.47	496.74	991.49	496.25	8
4	503.32	252.17					Y	**896.41**	448.71	879.39	**440.20**	878.40	439.71	7
5	632.37	316.69			614.35	307.68	E	**733.35**	367.18	**716.33**	358.67	715.34	**358.17**	6
6	795.43	398.22			777.42	389.21	Y	**604.31**	302.66	587.28	294.14			5
7	878.47	439.74			860.46	430.73	M	**441.25**	221.13	**424.22**	212.61			4
8	975.52	**488.26**			957.51	479.26	P	**358.21**	179.61	**341.18**	**171.09**			3
9	1089.56	545.28	1072.54	536.77	1071.55	536.28	N	**261.16**	131.08	**244.13**	122.57			2
10							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID219 **EFKAEVEIISR**



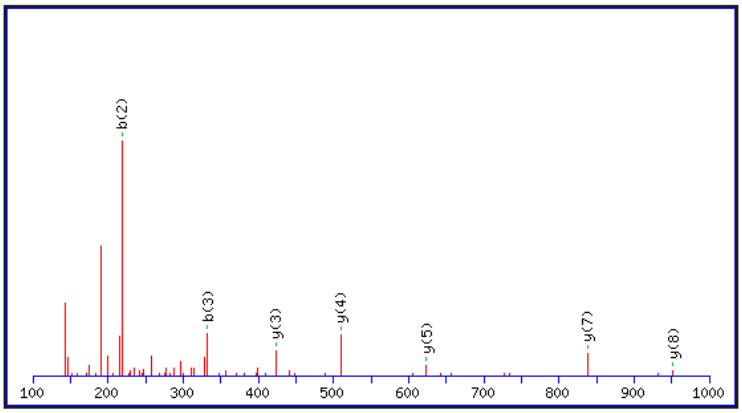
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	130.05	65.53			112.04	56.52	E							11
2	277.12	139.06			**259.11**	130.06	F	1191.67	596.34	1174.65	587.83	1173.66	**587.33**	10
3	405.21	203.11	388.19	194.60	**387.20**	194.10	K	**1044.60**	522.81	1027.58	514.29	1026.59	513.80	9
4	476.25	238.63	459.22	230.12	**458.24**	229.62	A	**916.51**	458.76	899.48	450.25	898.50	449.75	8
5	605.29	303.15	588.27	294.64	**587.28**	294.14	E	**845.47**	423.24	828.45	414.73	**827.46**	414.23	7
6	704.36	352.68	**687.33**	344.17	686.35	343.68	V	**716.43**	358.72	699.40	350.21	698.42	349.71	6
7	833.40	417.21	816.38	408.69	815.39	408.20	E	**617.36**	309.18	600.34	300.67	599.35	300.18	5
8	946.49	473.75	929.46	465.23	928.48	464.74	I	**488.32**	244.66	471.29	236.15	470.31	235.66	4
9	1059.57	530.29	1042.55	521.78	1041.56	521.28	I	**375.24**	188.12	**358.21**	179.61	357.22	179.12	3
10	1146.60	573.81	1129.58	565.29	1128.59	564.80	S	262.15	131.58	245.12	123.07	244.14	122.57	2
11							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID222 **IGPPLYFVVK**



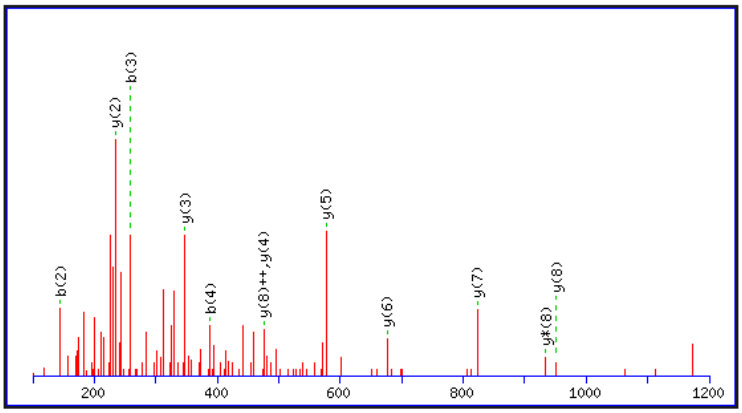
#	b	b^{++}	Seq.	y	y^{++}	y*	y^{*++}	#
1	114.09	57.55	I					10
2	**171.11**	86.06	G	**1019.59**	510.30	1002.57	501.79	9
3	268.17	134.59	P	**962.57**	481.79	945.54	473.28	8
4	**365.22**	**183.11**	P	**865.52**	433.26	848.49	424.75	7
5	478.30	239.65	L	**768.47**	384.74	751.44	376.22	6
6	641.37	321.19	Y	**655.38**	328.19	638.35	319.68	5
7	**788.43**	394.72	F	**492.32**	246.66	475.29	238.15	4
8	887.50	444.25	V	**345.25**	173.13	328.22	164.62	3
9	986.57	493.79	V	**246.18**	123.59	229.15	115.08	2
10			K	**147.11**	74.06	130.09	65.55	1

MS/MS Fragmentation of ID233 **SMLISQLSFEK**



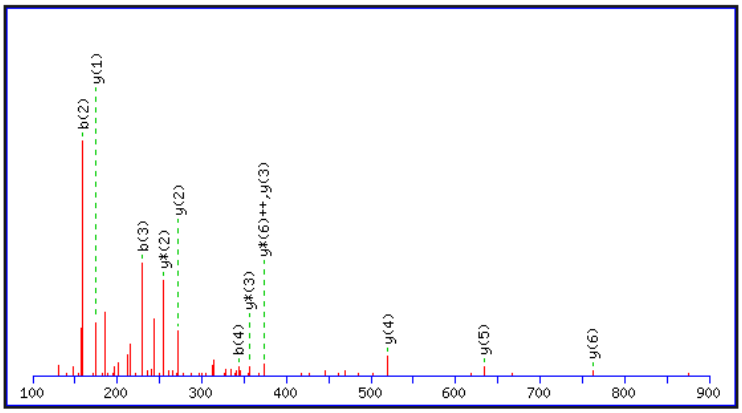
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.04	44.52			70.03	35.52	S							11
2	**219.08**	110.04			201.07	101.04	M	1195.64	598.32	1178.61	589.81	1177.63	589.32	10
3	**332.16**	166.59			314.15	157.58	L	1064.60	532.80	1047.57	524.29	1046.59	523.80	9
4	445.25	223.13			427.24	214.12	I	**951.51**	476.26	934.49	467.75	933.50	467.26	8
5	532.28	266.64			514.27	257.64	S	**838.43**	419.72	821.40	411.21	820.42	410.71	7
6	660.34	330.67	643.31	322.16	642.33	321.67	Q	751.40	376.20	734.37	367.69	733.39	367.20	6
7	773.42	387.21	756.40	378.70	755.41	378.21	L	**623.34**	312.17	606.31	303.66	605.33	303.17	5
8	860.45	430.73	843.43	422.22	842.44	421.73	S	**510.26**	255.63	493.23	247.12	492.25	246.63	4
9	1007.52	504.27	990.50	495.75	989.51	495.26	F	**423.22**	212.12	406.20	203.60	405.21	203.11	3
10	1136.57	568.79	1119.54	560.27	1118.56	559.78	E	276.16	138.58	259.13	130.07	258.14	129.58	2
11							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID245 **SGNEQFVTELSK**



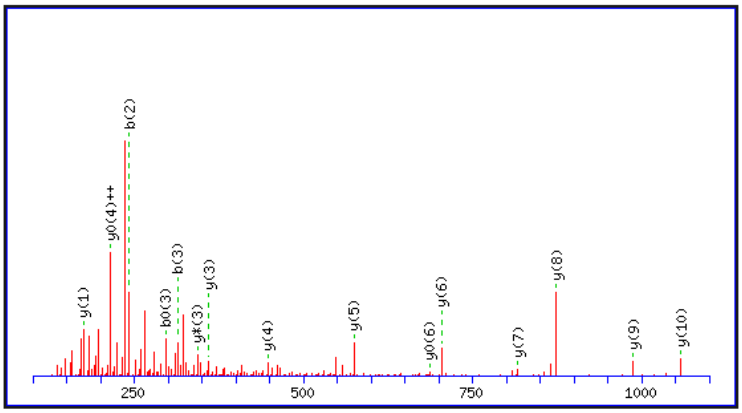
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.04	44.52			70.03	35.52	S							12
2	**145.06**	73.03			127.05	64.03	G	1251.62	626.31	1234.59	617.80	1233.61	617.31	11
3	**259.10**	130.06	242.08	121.54	241.09	121.05	N	1194.60	597.80	1177.57	589.29	1176.59	588.80	10
4	**388.15**	194.58	371.12	186.06	370.14	185.57	E	1080.56	540.78	1063.53	532.27	1062.55	531.78	9
5	516.20	258.61	499.18	250.09	498.19	249.60	Q	**951.51**	**476.26**	**934.49**	467.75	933.50	467.26	8
6	663.27	332.14	646.25	323.63	645.26	323.13	F	**823.46**	412.23	806.43	403.72	805.45	403.23	7
7	762.34	381.67	745.32	373.16	744.33	372.67	V	**676.39**	338.70	659.36	330.18	658.38	329.69	6
8	863.39	432.20	846.36	423.69	845.38	423.19	T	**577.32**	289.16	560.29	280.65	559.31	280.16	5
9	992.43	496.72	975.41	488.21	974.42	487.71	E	**476.27**	238.64	459.24	230.13	458.26	229.63	4
10	1105.52	553.26	1088.49	544.75	1087.51	544.26	L	**347.23**	174.12	330.20	165.60	329.22	165.11	3
11	1192.55	596.78	1175.52	588.26	1174.54	587.77	S	**234.14**	117.58	217.12	109.06	216.13	108.57	2
12							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID247 **SAALELFTPR**



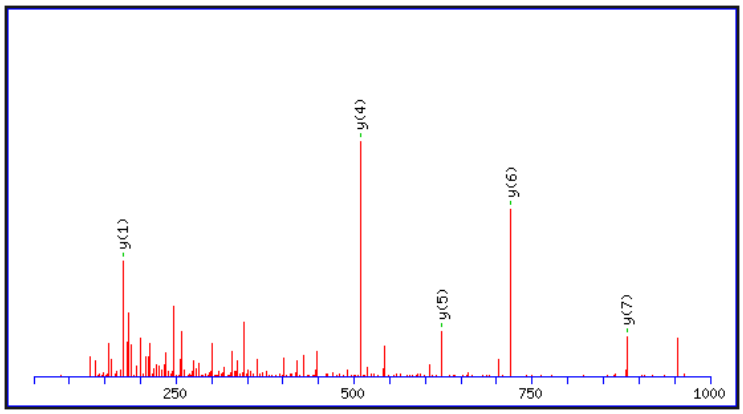
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.04	44.52	70.03	35.52	S							10
2	**159.08**	80.04	141.07	71.04	A	1017.57	509.29	1000.55	500.78	999.56	500.28	9
3	**230.11**	115.56	212.10	106.56	A	946.54	473.77	929.51	465.26	928.53	464.77	8
4	**343.20**	172.10	325.19	163.10	L	875.50	438.25	858.47	429.74	857.49	429.25	7
5	472.24	236.62	454.23	227.62	E	**762.41**	381.71	745.39	**373.20**	744.40	372.71	6
6	585.32	293.17	567.31	284.16	L	**633.37**	317.19	616.35	308.68	615.36	308.18	5
7	732.39	366.70	714.38	357.69	F	**520.29**	260.65	503.26	252.13	502.28	251.64	4
8	833.44	417.22	815.43	408.22	T	**373.22**	187.11	**356.19**	178.60	355.21	178.11	3
9	930.49	465.75	912.48	456.74	P	**272.17**	136.59	**255.15**	128.08			2
10					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID248 **EIAIGLEKSGQR**



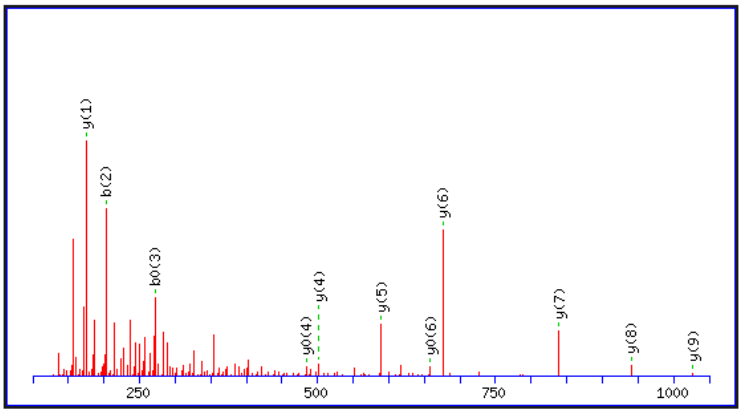
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	130.05	65.53			112.04	56.52	E							12
2	**243.13**	122.07			225.12	113.07	I	1171.68	586.34	1154.65	577.83	1153.67	577.34	11
3	**314.17**	157.59			**296.16**	148.58	A	**1058.60**	529.80	1041.57	521.29	1040.58	520.80	10
4	427.26	214.13			409.24	205.13	I	**987.56**	494.28	970.53	485.77	969.55	485.28	9
5	484.28	242.64			466.27	233.64	G	**874.47**	437.74	857.45	429.23	856.46	428.74	8
6	597.36	299.18			579.35	290.18	L	**817.45**	409.23	800.43	400.72	799.44	400.22	7
7	726.40	363.71			708.39	354.70	E	**704.37**	352.69	687.34	344.17	**686.36**	343.68	6
8	854.50	427.75	837.47	419.24	836.49	418.75	K	**575.33**	288.17	558.30	279.65	557.32	279.16	5
9	941.53	471.27	924.50	462.76	923.52	462.26	S	**447.23**	224.12	430.20	215.61	429.22	**215.11**	4
10	998.55	499.78	981.53	491.27	980.54	490.77	G	**360.20**	180.60	**343.17**	172.09			3
11	1126.61	563.81	1109.58	555.30	1108.60	554.80	Q	303.18	152.09	286.15	143.58			2
12							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID253 **GVYPDGLYR**



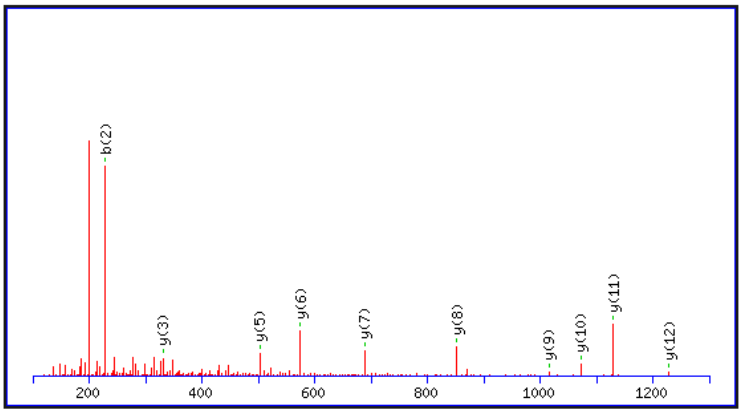
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	100.04	50.52			G							9
2	199.11	100.06			V	982.50	491.75	965.47	483.24	964.49	482.75	8
3	362.17	181.59			Y	**883.43**	442.22	866.40	433.71	865.42	433.21	7
4	459.22	230.12			P	**720.37**	360.69	703.34	352.17	702.36	351.68	6
5	574.25	287.63	556.24	278.62	D	**623.31**	312.16	606.29	303.65	605.30	303.16	5
6	631.27	316.14	613.26	307.13	G	**508.29**	254.65	491.26	246.13			4
7	744.36	372.68	726.35	363.68	L	451.27	226.14	434.24	217.62			3
8	907.42	454.21	889.41	445.21	Y	338.18	169.59	321.16	161.08			2
9					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID254 **SDSTYSSTLLR**



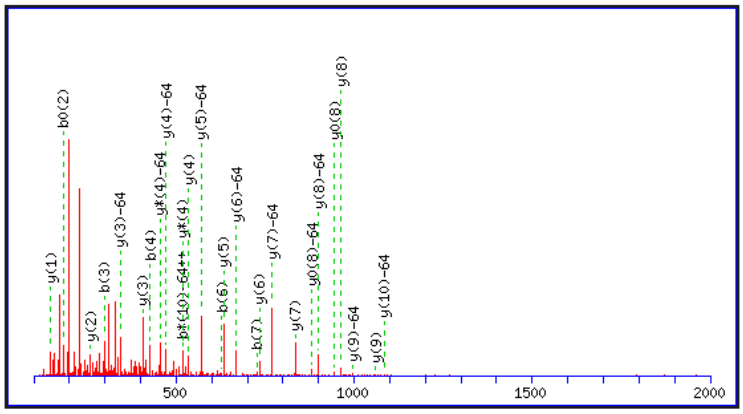
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.04	44.52	70.03	35.52	S							11
2	**203.07**	102.04	185.06	93.03	D	1142.57	571.79	1125.54	563.27	1124.56	562.78	10
3	290.10	145.55	**272.09**	136.55	S	**1027.54**	514.27	1010.52	505.76	1009.53	505.27	9
4	391.15	196.08	373.14	187.07	T	**940.51**	470.76	923.48	462.25	922.50	461.75	8
5	554.21	277.61	536.20	268.60	Y	**839.46**	420.23	822.44	411.72	821.45	411.23	7
6	641.24	321.12	623.23	312.12	S	**676.40**	338.70	659.37	330.19	**658.39**	329.70	6
7	728.27	364.64	710.26	355.64	S	**589.37**	295.19	572.34	286.67	571.36	286.18	5
8	829.32	415.16	811.31	406.16	T	**502.33**	251.67	485.31	243.16	**484.32**	242.67	4
9	942.41	471.71	924.39	462.70	L	401.29	201.15	384.26	192.63			3
10	1055.49	528.25	1037.48	519.24	L	288.20	144.61	271.18	136.09			2
11					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID255 **DLVGGYYDAGDAIK**



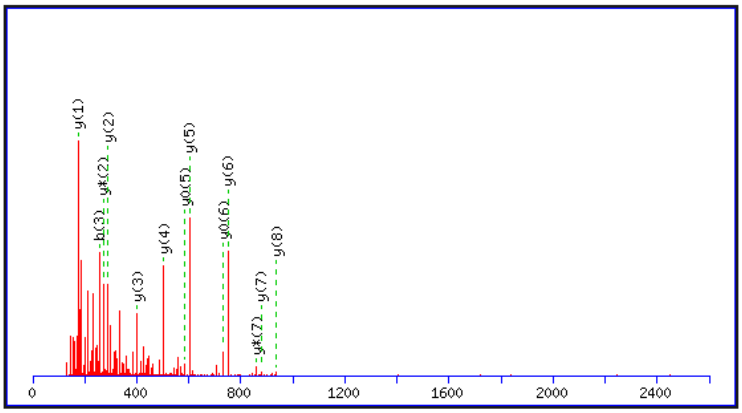
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	116.03	58.52	98.02	49.52	D							14
2	**229.12**	115.06	211.11	106.06	L	1341.67	671.34	1324.64	662.82	1323.66	662.33	13
3	328.19	164.60	310.18	155.59	V	**1228.58**	614.80	1211.56	606.28	1210.57	605.79	12
4	385.21	193.11	367.20	184.10	G	**1129.52**	565.26	1112.49	556.75	1111.51	556.26	11
5	442.23	221.62	424.22	212.61	G	**1072.49**	536.75	1055.47	528.24	1054.48	527.75	10
6	605.29	303.15	587.28	294.14	Y	**1015.47**	508.24	998.45	499.73	997.46	499.23	9
7	768.36	384.68	750.35	375.68	Y	**852.41**	426.71	835.38	418.20	834.40	417.70	8
8	883.38	442.20	865.37	433.19	D	**689.35**	345.18	672.32	336.66	671.34	336.17	7
9	954.42	477.71	936.41	468.71	A	**574.32**	287.66	557.29	279.15	556.31	278.66	6
10	1011.44	506.22	993.43	497.22	G	**503.28**	252.14	486.26	243.63	485.27	243.14	5
11	1126.47	563.74	1108.46	554.73	D	446.26	223.63	429.23	215.12	428.25	214.63	4
12	1197.51	599.26	1179.50	590.25	A	**331.23**	166.12	314.21	157.61			3
13	1310.59	655.80	1292.58	646.79	I	260.20	130.60	243.17	122.09			2
14					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID257 **LSPETVVQMLK**



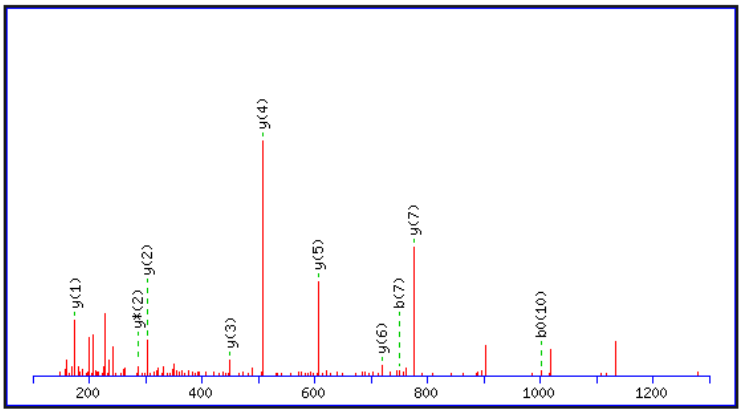
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					L							11
2	201.12	101.07			**183.11**	92.06	S	**1083.60**	542.31	1066.58	533.79	1065.59	533.30	10
3	**298.18**	149.59			280.17	140.59	P	**996.57**	498.79	979.55	490.28	978.56	489.78	9
4	**427.22**	214.11			409.21	205.11	E	**899.52**	450.26	882.49	441.75	**881.51**	441.26	8
5	528.27	264.64			510.26	255.63	T	**770.48**	385.74	753.45	377.23	752.47	376.74	7
6	**627.33**	314.17			609.32	305.17	V	**669.43**	335.22	652.40	326.71			6
7	**726.40**	363.71			708.39	354.70	V	**570.36**	285.68	553.33	277.17			5
8	854.46	427.73	837.44	419.22	836.45	418.73	Q	**471.29**	236.15	**454.27**	227.64			4
9	937.50	469.25	920.47	460.74	919.49	460.25	M	**343.23**	172.12	326.21	163.61			3
10	1050.58	525.80	1033.56	**517.28**	1032.57	516.79	L	**260.20**	130.60	243.17	122.09			2
11							K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID261 **AGQFTTLIR**



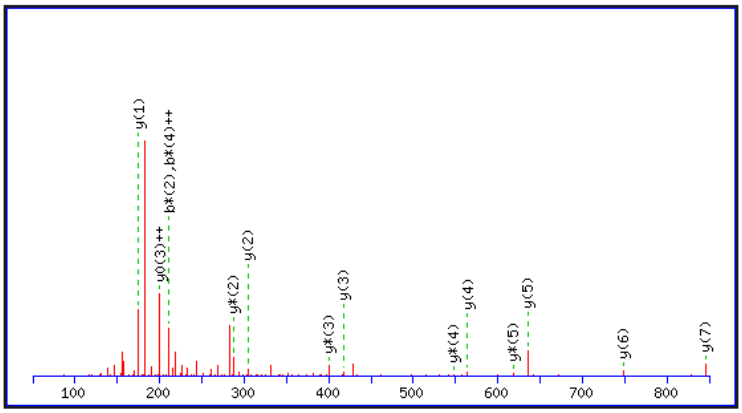
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53					A							9
2	129.07	65.04					G	**935.53**	468.27	918.50	459.76	917.52	459.26	8
3	**257.12**	129.07	240.10	120.55			Q	**878.51**	439.76	**861.48**	431.25	860.50	430.75	7
4	404.19	202.60	387.17	194.09			F	**750.45**	375.73	733.42	367.22	**732.44**	366.72	6
5	505.24	253.12	488.21	244.61	487.23	244.12	T	**603.38**	302.19	586.36	293.68	**585.37**	293.19	5
6	606.29	303.65	589.26	295.13	588.28	294.64	T	**502.33**	251.67	485.31	243.16	484.32	242.67	4
7	719.37	360.19	702.35	351.68	701.36	351.18	L	**401.29**	201.15	384.26	192.63			3
8	832.46	416.73	815.43	408.22	814.45	407.73	I	**288.20**	144.61	**271.18**	136.09			2
9							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID266 **ATGLNNHGLVGFQR**



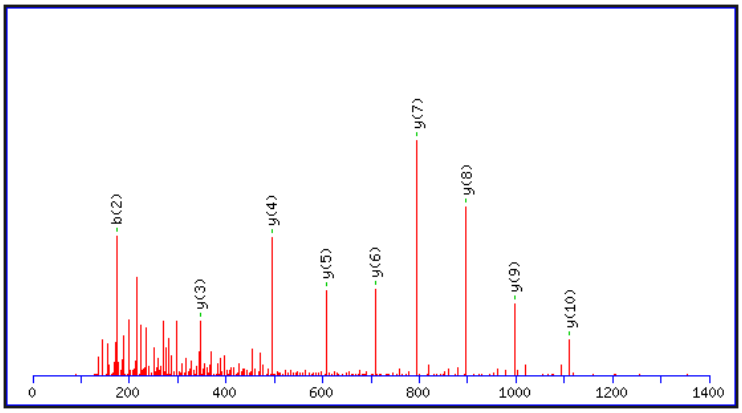
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.05	57.53					A							14
2	215.10	108.05			197.09	99.05	T	1412.74	706.87	1395.71	698.36	1394.73	697.87	13
3	272.12	136.57			254.11	127.56	G	1311.69	656.35	1294.67	647.84			12
4	385.21	193.11			367.20	184.10	L	1254.67	627.84	1237.64	619.33			11
5	499.25	250.13	482.22	241.62	481.24	241.12	N	1141.59	571.30	1124.56	562.78			10
6	613.29	307.15	596.27	298.64	595.28	298.15	N	1027.54	514.28	1010.52	505.76			9
7	**750.35**	375.68	733.33	367.17	732.34	366.67	H	913.50	457.25	896.47	448.74			8
8	807.37	404.19	790.35	395.68	789.36	395.19	G	**776.44**	388.72	759.41	380.21			7
9	920.46	460.73	903.43	452.22	902.45	451.73	L	**719.42**	360.21	702.39	351.70			6
10	1019.53	510.27	1002.50	501.75	**1001.52**	501.26	V	**606.34**	303.67	589.31	295.16			5
11	1076.55	538.78	1059.52	530.26	1058.54	529.77	G	**507.27**	254.14	490.24	245.62			4
12	1223.62	612.31	1206.59	603.80	1205.61	603.31	F	**450.25**	225.63	433.22	217.11			3
13	1351.68	676.34	1334.65	667.83	1333.66	667.34	Q	**303.18**	152.09	**286.15**	143.58			2
14							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID277 **QVPIAFLER**



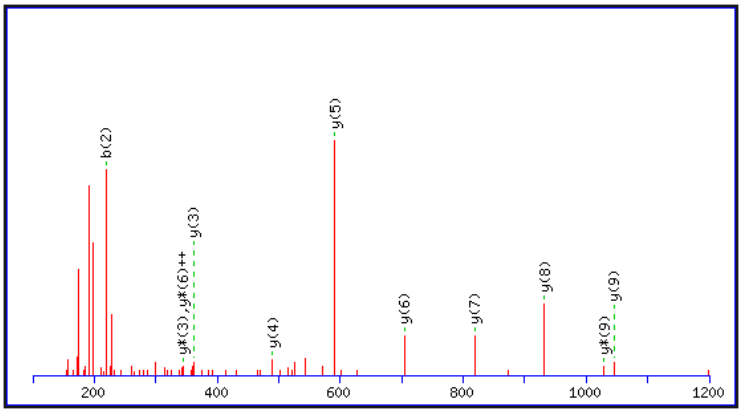
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	129.07	65.04	112.04	56.52			Q							9
2	228.13	114.57	**211.11**	106.06			V	944.56	472.78	927.53	464.27	926.55	463.78	8
3	325.19	163.10	308.16	154.58			P	**845.49**	423.25	828.46	414.73	827.48	414.24	7
4	438.27	219.64	421.24	**211.13**			I	**748.44**	374.72	731.41	366.21	730.42	365.72	6
5	509.31	255.16	492.28	246.64			A	**635.35**	318.18	**618.32**	309.67	617.34	309.17	5
6	656.38	328.69	639.35	320.18			F	**564.31**	282.66	**547.29**	274.15	546.30	273.66	4
7	769.46	385.23	752.43	376.72			L	**417.25**	209.13	**400.22**	200.61	399.24	**200.12**	3
8	898.50	449.76	881.48	441.24	880.49	440.75	E	**304.16**	152.58	**287.13**	144.07	286.15	143.58	2
9							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID279 **ATNTTSTIFATR**



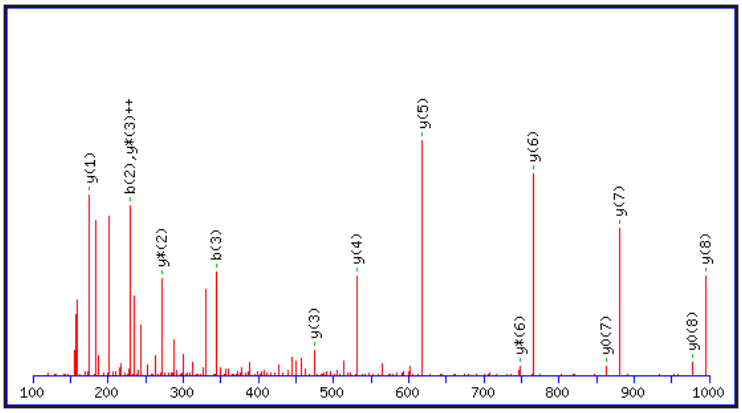
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53					A							12
2	**173.09**	87.05			155.08	78.04	T	1212.62	606.81	1195.60	598.30	1194.61	597.81	11
3	287.13	144.07	270.11	135.56	269.12	135.07	N	**1111.57**	556.29	1094.55	547.78	1093.56	547.29	10
4	388.18	194.59	371.16	186.08	370.17	185.59	T	**997.53**	499.27	980.50	490.76	979.52	490.26	9
5	489.23	245.12	472.20	236.61	471.22	236.11	T	**896.48**	448.75	879.46	440.23	878.47	439.74	8
6	576.26	288.63	559.24	280.12	558.25	279.63	S	**795.44**	398.22	778.41	389.71	777.43	389.22	7
7	677.31	339.16	660.28	330.65	659.30	330.15	T	**708.40**	354.71	691.38	346.19	690.39	345.70	6
8	790.39	395.70	773.37	387.19	772.38	386.70	I	**607.36**	304.18	590.33	295.67	589.35	295.18	5
9	937.46	469.23	920.44	460.72	919.45	460.23	F	**494.27**	247.64	477.25	239.13	476.26	238.63	4
10	1008.50	504.75	991.47	496.24	990.49	495.75	A	**347.20**	174.11	330.18	165.59	329.19	165.10	3
11	1109.55	555.28	1092.52	546.76	1091.54	546.27	T	276.17	138.59	259.14	130.07	258.16	129.58	2
12							R	175.12	88.06	158.09	79.55			1

MS/MS Fragmentation of ID280 **AFLNNITESVR**



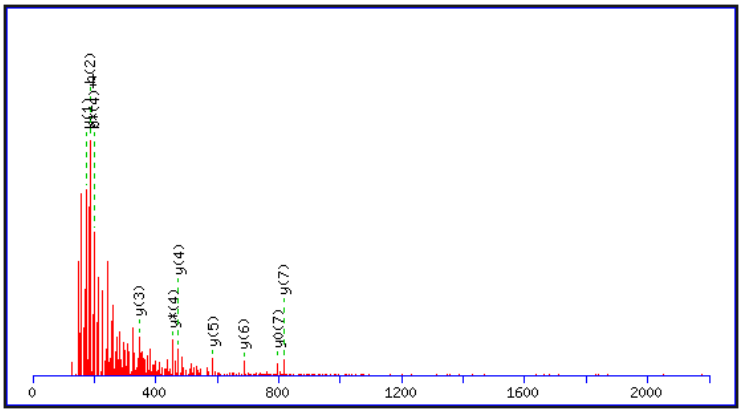
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53					A							11
2	**219.11**	110.06					F	1192.63	596.82	1175.61	588.31	1174.62	587.81	10
3	332.20	166.60					L	**1045.56**	523.29	**1028.54**	514.77	1027.55	514.28	9
4	446.24	223.62	429.21	215.11			N	**932.48**	466.74	915.45	458.23	914.47	457.74	8
5	560.28	280.64	543.26	272.13			N	**818.44**	409.72	801.41	401.21	800.43	400.72	7
6	673.37	337.19	656.34	328.67			I	**704.39**	352.70	687.37	**344.19**	686.38	343.70	6
7	774.41	387.71	757.39	379.20	756.40	378.71	T	**591.31**	296.16	574.28	287.65	573.30	287.15	5
8	903.46	452.23	886.43	443.72	885.45	443.23	E	**490.26**	245.63	473.24	237.12	472.25	236.63	4
9	990.49	495.75	973.46	487.23	972.48	486.74	S	**361.22**	181.11	**344.19**	172.60	343.21	172.11	3
10	1089.56	545.28	1072.53	536.77	1071.55	536.28	V	274.19	137.60	257.16	129.08			2
11							R	175.12	88.06	158.09	79.55			1

MS/MS Fragmentation of ID284 **LDDFSGWLR**



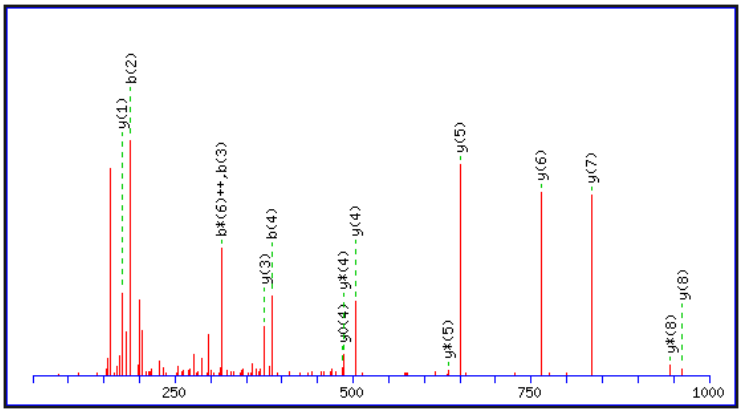
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			L							9
2	**229.12**	115.06	211.11	106.06	D	**995.46**	498.23	978.43	489.72	**977.45**	489.23	8
3	**344.15**	172.58	326.13	163.57	D	**880.43**	440.72	863.40	432.21	**862.42**	431.71	7
4	491.21	246.11	473.20	237.11	F	**765.40**	383.21	**748.38**	374.69	747.39	374.20	6
5	578.25	289.63	560.24	280.62	S	**618.34**	309.67	601.31	301.16	600.33	300.67	5
6	635.27	318.14	617.26	309.13	G	**531.30**	266.16	514.28	257.64			4
7	821.35	411.18	803.34	402.17	W	**474.28**	237.64	457.26	**229.13**			3
8	934.43	467.72	916.42	458.71	L	288.20	144.61	**271.18**	136.09			2
9					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID287 **SVQTLQGLR**



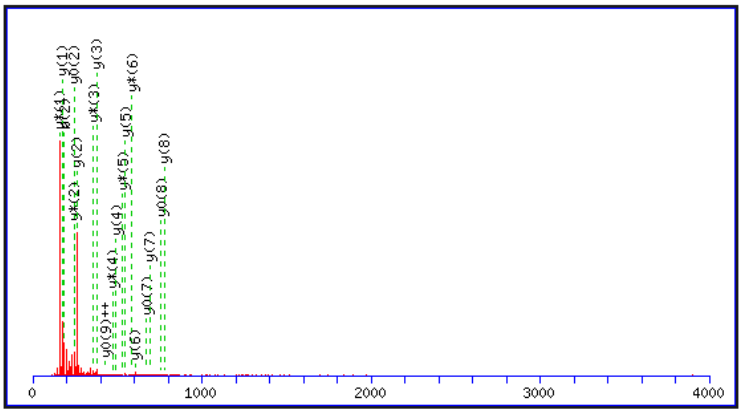
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.04	44.52			70.03	35.52	S							9
2	**187.11**	94.06			169.10	85.05	V	914.54	457.77	897.52	449.26	896.53	448.77	8
3	315.17	158.09	298.14	149.57	297.16	149.08	Q	**815.47**	408.24	798.45	399.73	**797.46**	399.24	7
4	416.21	208.61	399.19	**200.10**	398.20	199.61	T	**687.41**	344.21	670.39	335.70	669.40	335.21	6
5	529.30	265.15	512.27	256.64	511.29	256.15	L	**586.37**	293.69	569.34	285.17			5
6	657.36	329.18	640.33	320.67	639.35	320.18	Q	**473.28**	237.15	**456.26**	228.63			4
7	714.38	357.69	697.35	349.18	696.37	348.69	G	**345.22**	173.12	328.20	164.60			3
8	827.46	414.23	810.44	405.72	809.45	405.23	L	288.20	144.61	271.18	136.09			2
9							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID288 **DAQALFQSLR**



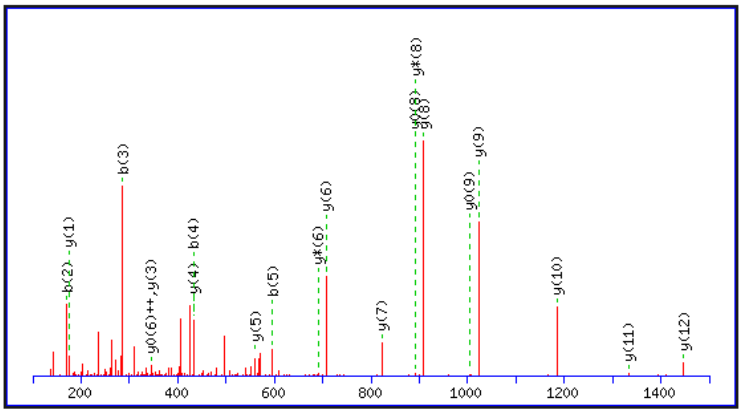
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	116.03	58.52			98.02	49.52	D							10
2	**187.07**	94.04			169.06	85.03	A	1033.58	517.29	1016.55	508.78	1015.57	508.29	9
3	**315.13**	158.07	298.10	149.56	297.12	149.06	Q	**962.54**	481.77	**945.52**	473.26	944.53	472.77	8
4	**386.17**	193.59	369.14	185.07	368.16	184.58	A	**834.48**	417.75	817.46	409.23	816.47	408.74	7
5	499.25	250.13	482.22	241.62	481.24	241.12	L	**763.45**	382.23	746.42	373.71	745.44	373.22	6
6	646.32	323.66	629.29	**315.15**	628.31	314.66	F	**650.36**	325.68	**633.34**	317.17	632.35	316.68	5
7	774.38	387.69	757.35	379.18	756.37	378.69	Q	**503.29**	252.15	**486.27**	243.64	**485.28**	243.15	4
8	861.41	431.21	844.38	422.70	843.40	422.20	S	**375.24**	188.12	358.21	179.61	357.22	179.12	3
9	974.49	487.75	957.47	479.24	956.48	478.75	L	288.20	144.61	271.18	136.09			2
10							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID290 **SVSSGGLDSR**



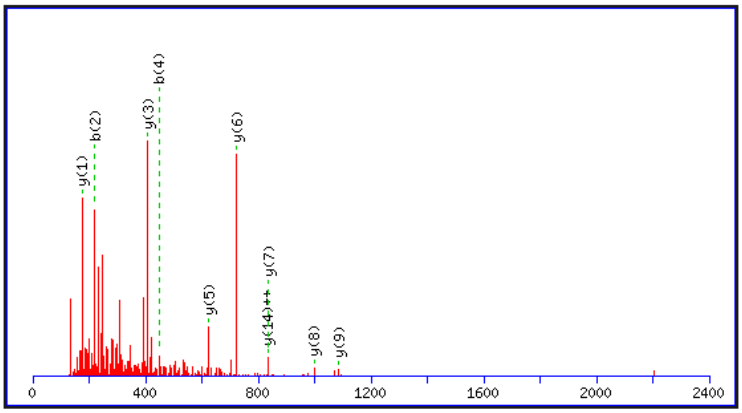
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.04	44.52	70.03	35.52	S							10
2	**187.11**	94.06	169.10	85.05	V	877.44	439.22	860.41	430.71	859.43	**430.22**	9
3	274.14	137.57	256.13	128.57	S	**778.37**	389.69	761.34	381.17	**760.36**	380.68	8
4	361.17	181.09	343.16	172.08	S	**691.34**	346.17	674.31	337.66	**673.33**	337.17	7
5	418.19	209.60	400.18	200.59	G	**604.30**	302.66	**587.28**	294.14	586.29	293.65	6
6	475.21	238.11	457.20	229.11	G	**547.28**	274.15	**530.26**	265.63	529.27	265.14	5
7	588.30	294.65	570.29	285.65	L	**490.26**	245.63	**473.24**	237.12	472.25	236.63	4
8	703.33	352.17	685.32	343.16	D	**377.18**	189.09	**360.15**	180.58	359.17	180.09	3
9	790.36	395.68	772.35	386.68	S	**262.15**	131.58	**245.12**	123.07	**244.14**	122.57	2
10					R	**175.12**	88.06	**158.09**	79.55			1

MS/MS Fragmentation of ID302 **AVDFYISDFQSGLR**



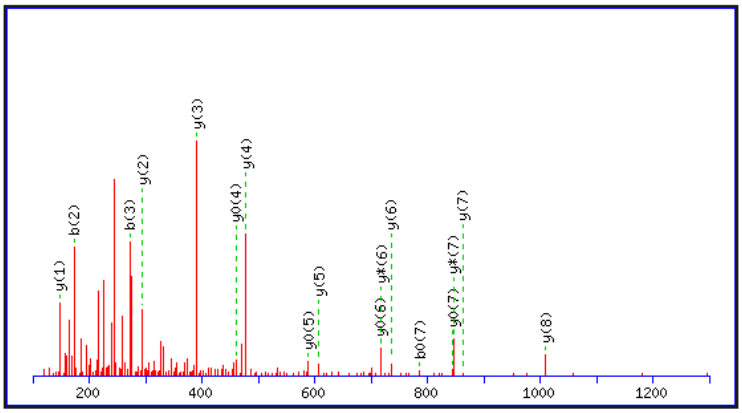
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53					A							14
2	**171.11**	86.06					V	1546.75	773.88	1529.73	765.37	1528.74	764.88	13
3	**286.14**	143.57			268.13	134.57	D	**1447.69**	724.35	1430.66	715.83	1429.67	715.34	12
4	**433.21**	217.11			415.20	208.10	F	**1332.66**	666.83	1315.63	658.32	1314.65	657.83	11
5	**596.27**	298.64			578.26	289.63	Y	**1185.59**	593.30	1168.56	584.79	1167.58	584.29	10
6	709.36	355.18			691.34	346.18	I	**1022.53**	511.77	1005.50	503.25	**1004.52**	502.76	9
7	796.39	398.70			778.38	389.69	S	**909.44**	455.22	**892.42**	446.71	**891.43**	446.22	8
8	911.41	456.21			893.40	447.21	D	**822.41**	411.71	805.38	403.20	804.40	402.70	7
9	1058.48	529.75			1040.47	520.74	F	**707.38**	354.20	**690.36**	345.68	689.37	**345.19**	6
10	1186.54	593.77	1169.51	585.26	1168.53	584.77	Q	**560.32**	280.66	543.29	272.15	542.30	271.66	5
11	1273.57	637.29	1256.55	628.78	1255.56	628.29	S	**432.26**	216.63	415.23	208.12	414.25	207.63	4
12	1330.59	665.80	1313.57	657.29	1312.58	656.80	G	**345.22**	173.12	328.20	164.60			3
13	1443.68	722.34	1426.65	713.83	1425.67	713.34	L	288.20	144.61	271.18	136.09			2
14							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID308 **YGLDTSEFSYNPSEPHR**



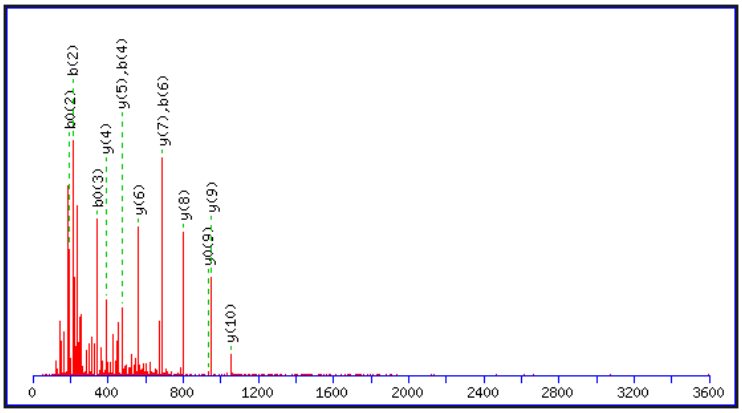
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	164.07	82.54					Y							17
2	**221.09**	111.05					G	1835.82	918.41	1818.79	909.90	1817.81	909.41	16
3	334.18	167.59					L	1778.80	889.90	1761.77	881.39	1760.79	880.90	15
4	**449.20**	225.11			431.19	216.10	D	1665.71	**833.36**	1648.69	824.85	1647.70	824.36	14
5	550.25	275.63			532.24	266.62	T	1550.69	775.85	1533.66	767.33	1532.68	766.84	13
6	637.28	319.15			619.27	310.14	S	1449.64	725.32	1432.61	716.81	1431.63	716.32	12
7	766.33	383.67			748.31	374.66	E	1362.61	681.81	1345.58	673.29	1344.60	672.80	11
8	913.39	457.20			895.38	448.20	F	1233.56	617.29	1216.54	608.77	1215.55	608.28	10
9	1000.43	500.72			982.42	491.71	S	**1086.50**	543.75	1069.47	535.24	1068.49	534.75	9
10	1163.49	582.25			1145.48	573.24	Y	**999.46**	500.24	982.44	491.72	981.45	491.23	8
11	1277.53	639.27	1260.51	630.76	1259.52	630.26	N	**836.40**	418.70	819.37	410.19	818.39	409.70	7
12	1374.58	687.80	1357.56	679.28	1356.57	678.79	P	**722.36**	361.68	705.33	353.17	704.35	352.68	6
13	1461.62	731.31	1444.59	722.80	1443.61	722.31	S	**625.31**	313.16	608.28	304.64	607.29	304.15	5
14	1590.66	795.83	1573.63	787.32	1572.65	786.83	E	538.27	269.64	521.25	261.13	520.26	260.63	4
15	1687.71	844.36	1670.69	835.85	1669.70	835.35	P	**409.23**	205.12	392.20	196.61			3
16	1824.77	912.89	1807.74	904.38	1806.76	903.88	H	312.18	156.59	295.15	148.08			2
17							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID310 **DGVFQQESPFK**



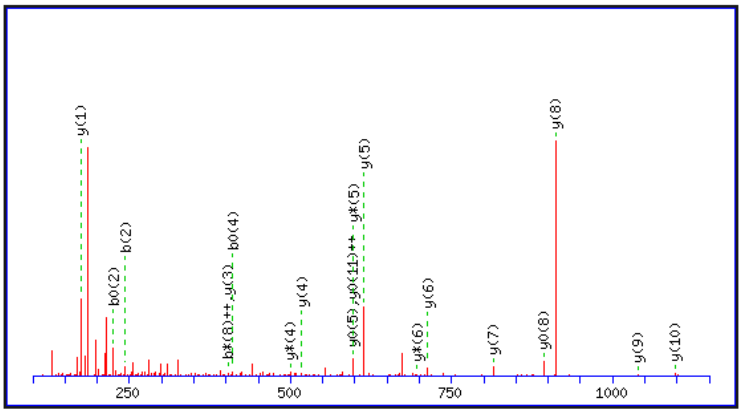
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	116.03	58.52			98.02	49.52	D							11
2	**173.06**	87.03			155.05	78.03	G	1166.58	583.80	1149.56	575.28	1148.57	574.79	10
3	**272.12**	136.57			254.11	127.56	V	1109.56	555.28	1092.54	546.77	1091.55	546.28	9
4	419.19	210.10			401.18	201.09	F	**1010.49**	505.75	993.47	497.24	992.48	496.75	8
5	547.25	274.13	530.22	265.62	529.24	265.12	Q	**863.43**	432.22	**846.40**	423.70	**845.42**	423.21	7
6	675.31	338.16	658.28	329.65	657.30	329.15	Q	**735.37**	368.19	**718.34**	359.67	**717.36**	359.18	6
7	804.35	402.68	787.33	394.17	**786.34**	393.67	E	**607.31**	304.16	590.28	295.64	**589.30**	295.15	5
8	891.38	446.20	874.36	437.68	873.37	437.19	S	**478.27**	239.64	461.24	231.12	**460.26**	230.63	4
9	988.44	494.72	971.41	486.21	970.43	485.72	P	**391.23**	196.12	374.21	187.61			3
10	1135.51	568.26	1118.48	559.74	1117.49	559.25	F	**294.18**	147.59	277.15	139.08			2
11							K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID311 **LTFLESSGIAK**



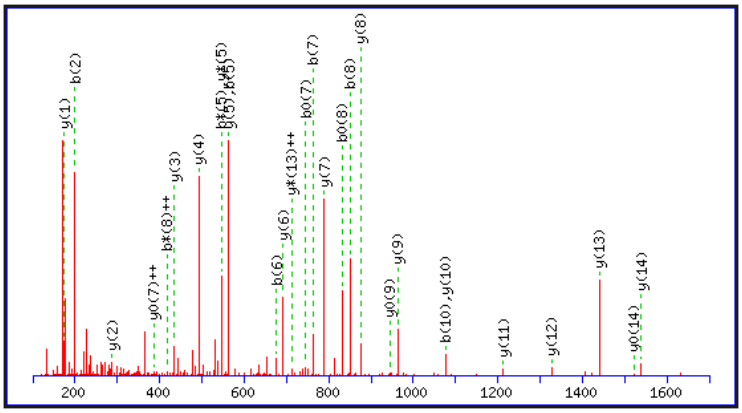
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			L							11
2	**215.14**	108.07	**197.13**	99.07	T	**1052.56**	526.78	1035.54	518.27	1034.55	517.78	10
3	362.21	181.61	**344.20**	172.60	F	**951.51**	476.26	934.49	467.75	**933.50**	467.26	9
4	**475.29**	238.15	457.28	229.14	L	**804.45**	402.73	787.42	394.21	786.44	393.72	8
5	604.33	302.67	586.32	293.67	E	**691.36**	346.18	674.34	337.67	673.35	337.18	7
6	**691.37**	346.19	673.36	337.18	S	**562.32**	281.66	545.29	273.15	544.31	272.66	6
7	778.40	389.70	760.39	380.70	S	**475.29**	238.15	458.26	229.63	457.28	229.14	5
8	835.42	418.21	817.41	409.21	G	**388.26**	194.63	371.23	186.12			4
9	948.50	474.76	930.49	465.75	I	331.23	166.12	314.21	157.61			3
10	1019.54	510.27	1001.53	501.27	A	218.15	109.58	201.12	101.07			2
11					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID321 **ELGKPTVPNLDR**



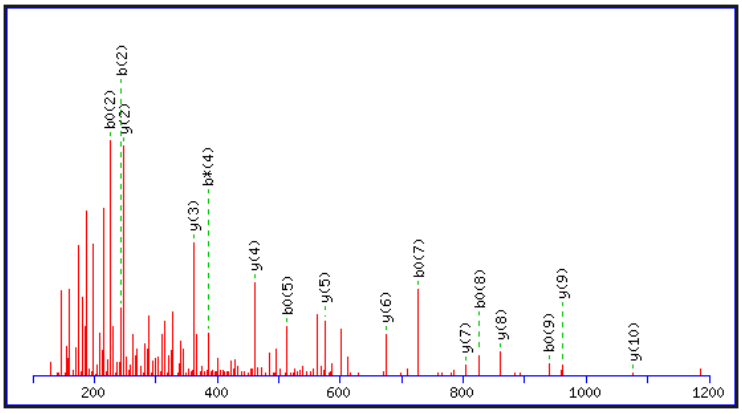
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	130.05	65.53			112.04	56.52	E							12
2	**243.13**	122.07			**225.12**	113.07	L	1209.69	605.35	1192.67	596.84	1191.68	**596.35**	11
3	300.16	150.58			282.14	141.58	G	**1096.61**	548.81	1079.58	540.30	1078.60	539.80	10
4	428.25	214.63	411.22	206.12	**410.24**	205.62	K	**1039.59**	520.30	1022.56	511.79	1021.58	511.29	9
5	525.30	263.16	508.28	254.64	507.29	254.15	P	**911.49**	456.25	894.47	447.74	**893.48**	447.25	8
6	626.35	313.68	609.32	305.17	608.34	304.67	T	**814.44**	407.72	797.42	399.21	796.43	398.72	7
7	725.42	363.21	708.39	354.70	707.41	354.21	V	**713.39**	357.20	**696.37**	348.69	695.38	348.20	6
8	822.47	411.74	805.45	**403.23**	804.46	402.73	P	**614.33**	307.67	**597.30**	299.15	**596.32**	298.66	5
9	936.51	468.76	919.49	460.25	918.50	459.76	N	**517.27**	259.14	**500.25**	250.63	499.26	250.13	4
10	1049.60	525.30	1032.57	516.79	1031.59	516.30	L	**403.23**	202.12	386.20	193.61	385.22	193.11	3
11	1164.63	582.82	1147.60	574.30	1146.62	573.81	D	290.15	145.58	273.12	137.06	272.14	136.57	2
12							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID323 **VVINHLSSPEAGFLR**



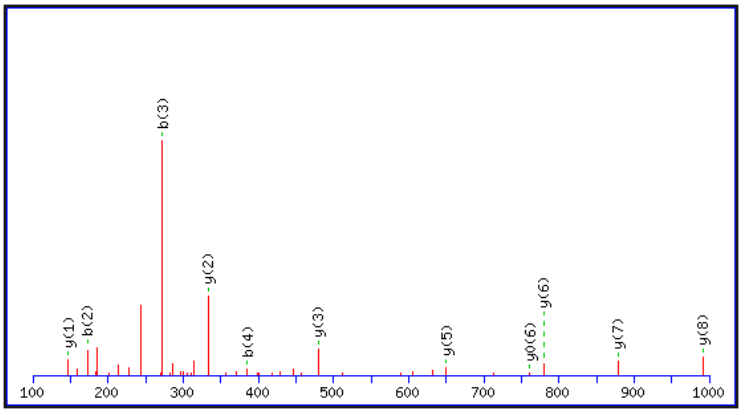
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	100.08	50.54					V							15
2	**199.14**	100.08					V	**1539.83**	770.42	1522.80	761.90	**1521.82**	761.41	14
3	312.23	156.62					I	**1440.76**	720.88	1423.73	**712.37**	1422.75	711.88	13
4	426.27	213.64	409.24	205.13			N	**1327.68**	664.34	1310.65	655.83	1309.66	655.34	12
5	**563.33**	282.17	**546.30**	273.66			H	**1213.63**	607.32	1196.61	598.81	1195.62	598.31	11
6	**676.41**	338.71	659.39	330.20			L	**1076.57**	538.79	1059.55	530.28	1058.56	529.79	10
7	**763.45**	382.23	746.42	373.71	**745.44**	373.22	S	**963.49**	482.25	946.46	473.74	**945.48**	473.24	9
8	**850.48**	425.74	833.45	**417.23**	**832.47**	416.74	S	**876.46**	438.73	859.43	430.22	858.45	429.73	8
9	947.53	474.27	930.50	465.76	929.52	465.26	P	**789.43**	395.22	772.40	386.70	771.41	**386.21**	7
10	**1076.57**	538.79	1059.55	530.28	1058.56	529.79	E	**692.37**	346.69	675.35	338.18	674.36	337.68	6
11	1147.61	574.31	1130.58	565.80	1129.60	565.30	A	**563.33**	282.17	**546.30**	273.66			5
12	1204.63	602.82	1187.61	594.31	1186.62	593.81	G	**492.29**	246.65	475.27	238.14			4
13	1351.70	676.35	1334.67	667.84	1333.69	667.35	F	**435.27**	218.14	418.24	209.63			3
14	1464.78	732.90	1447.76	724.38	1446.77	723.89	L	**288.20**	144.61	271.18	136.09			2
15							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID326 **QDTGEVDVLTK**



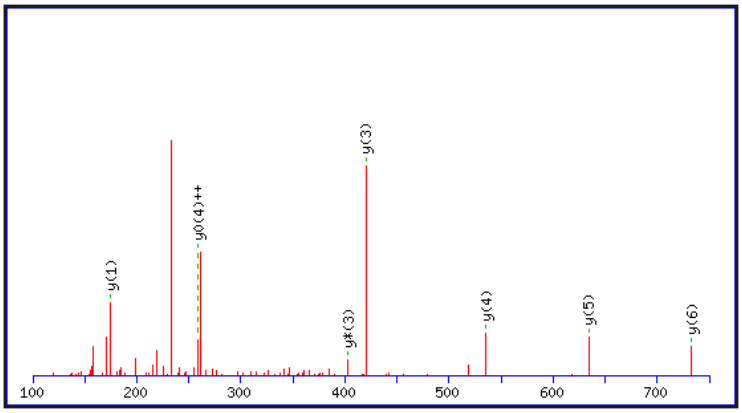
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	129.07	65.04	112.04	56.52			Q							11
2	**244.09**	122.55	227.07	114.04	**226.08**	113.54	D	**1076.55**	538.78	1059.52	530.26	1058.54	529.77	10
3	345.14	173.07	328.11	164.56	327.13	164.07	T	**961.52**	481.26	944.49	472.75	943.51	472.26	9
4	402.16	201.58	**385.14**	193.07	384.15	192.58	G	**860.47**	430.74	843.45	422.23	842.46	421.73	8
5	531.20	266.11	514.18	257.59	**513.19**	257.10	E	**803.45**	402.23	786.42	393.72	785.44	393.22	7
6	630.27	315.64	613.25	307.13	612.26	306.63	V	**674.41**	337.71	657.38	329.19	656.40	328.70	6
7	745.30	373.15	728.27	364.64	**727.29**	364.15	D	**575.34**	288.17	558.31	279.66	557.33	279.17	5
8	844.37	422.69	827.34	414.17	**826.36**	413.68	V	**460.31**	230.66	443.29	222.15	442.30	221.65	4
9	957.45	479.23	940.43	470.72	**939.44**	470.22	L	**361.24**	181.13	344.22	172.61	343.23	172.12	3
10	1058.50	529.75	1041.47	521.24	1040.49	520.75	T	**248.16**	124.58	231.13	116.07	230.15	115.58	2
11							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID327 **DGVLVEGLFWK**



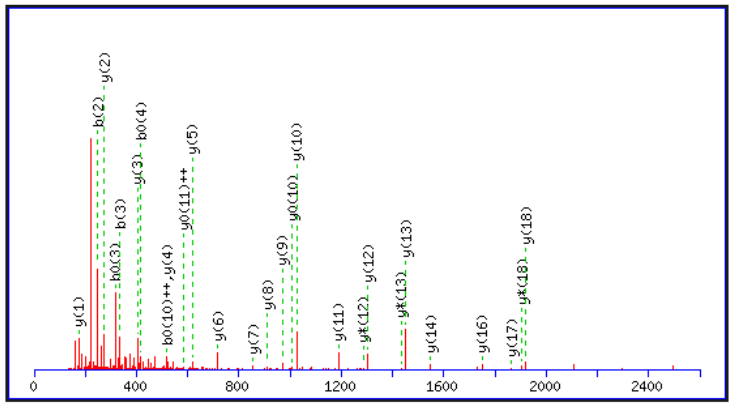
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	116.03	58.52	98.02	49.52	D							11
2	**173.06**	87.03	155.05	78.03	G	1147.65	574.33	1130.62	565.82	1129.64	565.32	10
3	**272.12**	136.57	254.11	127.56	V	1090.63	545.82	1073.60	537.31	1072.62	536.81	9
4	**385.21**	193.11	367.20	184.10	L	**991.56**	496.28	974.53	487.77	973.55	487.28	8
5	484.28	242.64	466.27	233.64	V	**878.48**	439.74	861.45	431.23	860.47	430.74	7
6	613.32	307.16	595.31	298.16	E	**779.41**	390.21	762.38	381.69	**761.40**	381.20	6
7	670.34	335.67	652.33	326.67	G	**650.37**	325.69	633.34	317.17			5
8	783.42	392.22	765.41	383.21	L	593.34	297.18	576.32	288.66			4
9	930.49	465.75	912.48	456.74	F	**480.26**	240.63	463.23	232.12			3
10	1116.57	558.79	1098.56	549.78	W	**333.19**	167.10	316.17	158.59			2
11					K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID329 **EMVVDNMR**



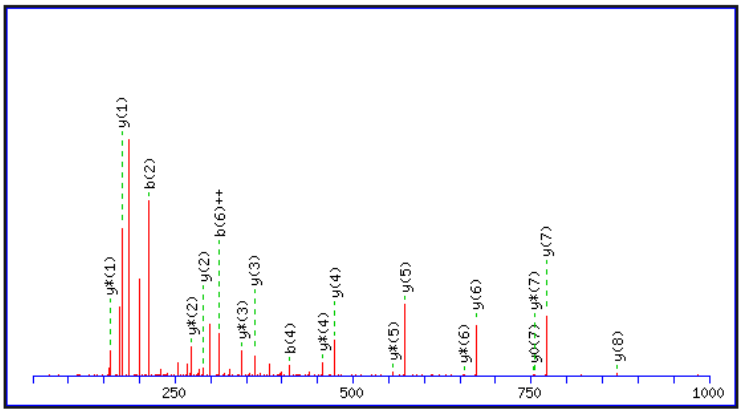
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	130.05	65.53			112.04	56.52	E							8
2	261.09	131.05			243.08	122.04	M	864.41	432.71	847.38	424.19	846.40	423.70	7
3	360.16	180.58			342.15	171.58	V	**733.37**	367.19	716.34	358.67	715.36	358.18	6
4	459.23	230.12			441.22	221.11	V	**634.30**	317.65	617.27	309.14	616.29	308.65	5
5	574.25	287.63			556.24	278.63	D	**535.23**	268.12	518.20	259.61	517.22	**259.11**	4
6	688.30	344.65	671.27	336.14	670.29	335.65	N	**420.20**	210.60	**403.18**	202.09			3
7	819.34	410.17	802.31	401.66	801.33	401.17	M	306.16	153.58	289.13	145.07			2
8							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID336 **TFSVGDSLVFNYGGGHTVDEVR**



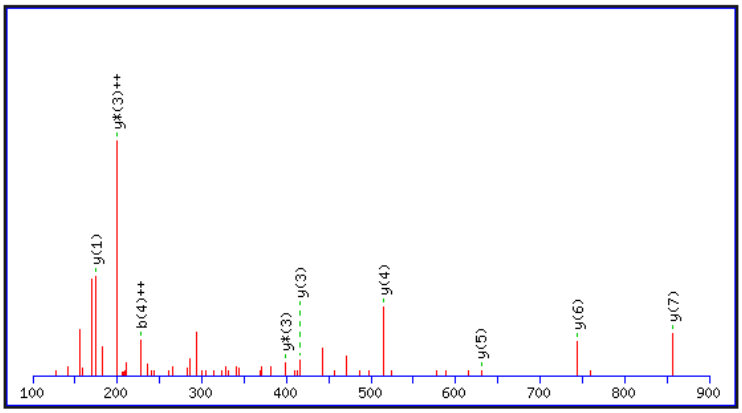
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	102.05	51.53			84.04	42.53	T							22
2	**249.12**	125.07			231.11	116.06	F	2255.07	1128.04	2238.05	1119.53	2237.06	1119.03	21
3	**336.16**	168.58			**318.14**	159.58	S	2108.00	1054.51	2090.98	1045.99	2089.99	1045.50	20
4	435.22	218.12			**417.21**	209.11	V	2020.97	1010.99	2003.95	1002.48	2002.96	1001.98	19
5	492.25	246.63			474.23	237.62	G	**1921.90**	961.46	**1904.88**	952.94	1903.89	952.45	18
6	607.27	304.14			589.26	295.13	D	**1864.88**	932.94	1847.86	924.43	1846.87	923.94	17
7	694.30	347.66			676.29	338.65	S	**1749.86**	875.43	1732.83	866.92	1731.84	866.43	16
8	807.39	404.20			789.38	395.19	L	1662.82	831.92	1645.80	823.40	1644.81	822.91	15
9	906.46	453.73			888.45	444.73	V	**1549.74**	775.37	1532.71	766.86	1531.73	766.37	14
10	1053.53	527.27			1035.51	**518.26**	F	**1450.67**	725.84	**1433.64**	717.33	1432.66	716.83	13
11	1167.57	584.29	1150.54	575.77	1149.56	575.28	N	**1303.60**	652.30	**1286.58**	643.79	1285.59	643.30	12
12	1330.63	665.82	1313.60	657.31	1312.62	656.81	Y	**1189.56**	595.28	1172.53	586.77	1171.55	**586.28**	11
13	1387.65	694.33	1370.63	685.82	1369.64	685.32	G	**1026.50**	513.75	1009.47	505.24	**1008.49**	504.75	10
14	1444.67	722.84	1427.65	714.33	1426.66	713.84	G	**969.47**	485.24	952.45	476.73	951.46	476.24	9
15	1501.70	751.35	1484.67	742.84	1483.69	742.35	G	**912.45**	456.73	895.43	448.22	894.44	447.73	8
16	1638.75	819.88	1621.73	811.37	1620.74	810.88	H	**855.43**	428.22	838.41	419.71	837.42	419.21	7
17	1739.80	870.40	1722.78	861.89	1721.79	861.40	T	**718.37**	359.69	701.35	351.18	700.36	350.68	6
18	1838.87	919.94	1821.84	911.43	1820.86	910.93	V	**617.33**	309.17	600.30	300.65	599.31	300.16	5
19	1953.90	977.45	1936.87	968.94	1935.89	968.45	D	**518.26**	259.63	501.23	251.12	500.25	250.63	4
20	2082.94	1041.97	2065.91	1033.46	2064.93	1032.97	E	**403.23**	202.12	386.20	193.61	385.22	193.11	3
21	2182.01	1091.51	2164.98	1082.99	2164.00	1082.50	V	**274.19**	137.60	257.16	129.08			2
22							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID337 **LVVVVLADR**



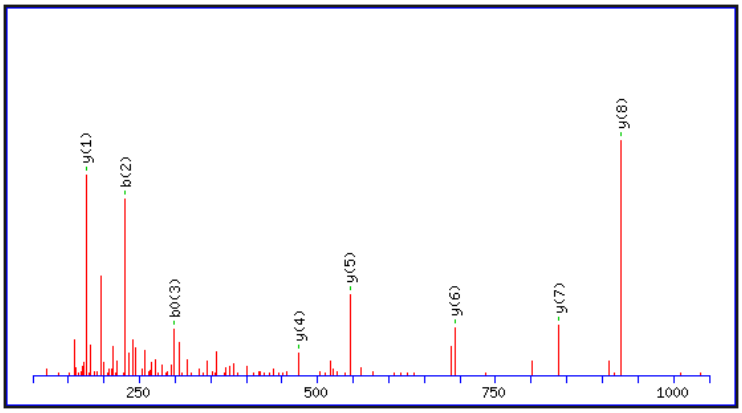
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			L							9
2	**213.16**	107.08			V	**870.54**	435.77	853.51	427.26	852.53	426.77	8
3	**312.23**	156.62			V	**771.47**	386.24	**754.45**	377.73	**753.46**	377.23	7
4	**411.30**	206.15			V	**672.40**	336.71	**655.38**	328.19	654.39	327.70	6
5	510.36	255.69			V	**573.34**	287.17	**556.31**	278.66	555.32	278.17	5
6	623.45	**312.23**			L	**474.27**	237.64	**457.24**	229.12	456.26	228.63	4
7	694.49	347.75			A	**361.18**	181.10	**344.16**	172.58	343.17	172.09	3
8	809.51	405.26	791.50	396.25	D	**290.15**	145.58	**273.12**	137.06	272.14	136.57	2
9					R	**175.12**	88.06	**158.09**	79.55			1

MS/MS Fragmentation of ID338 **NLLNDVLQR**



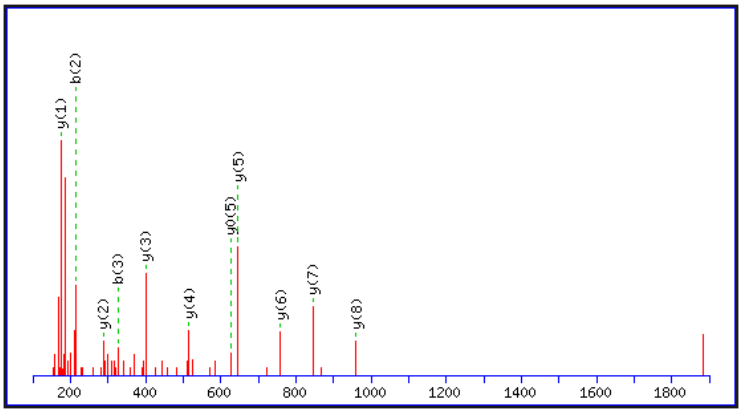
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	115.05	58.03	98.02	49.52			N							9
2	**228.13**	114.57	211.11	106.06			L	970.57	485.79	953.54	477.27	952.56	476.78	8
3	341.22	171.11	324.19	162.60			L	**857.48**	429.25	840.46	420.73	839.47	420.24	7
4	455.26	**228.13**	438.23	219.62			N	**744.40**	372.70	727.37	364.19	726.39	363.70	6
5	570.29	285.65	553.26	277.13	552.28	276.64	D	**630.36**	315.68	613.33	307.17	612.35	306.68	5
6	669.36	335.18	652.33	326.67	651.35	326.18	V	**515.33**	258.17	498.30	249.66			4
7	782.44	391.72	765.41	383.21	764.43	382.72	L	**416.26**	208.63	**399.24**	**200.12**			3
8	910.50	455.75	893.47	447.24	892.49	446.75	Q	303.18	152.09	286.15	143.58			2
9							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID339 **TQSFFASLVR**



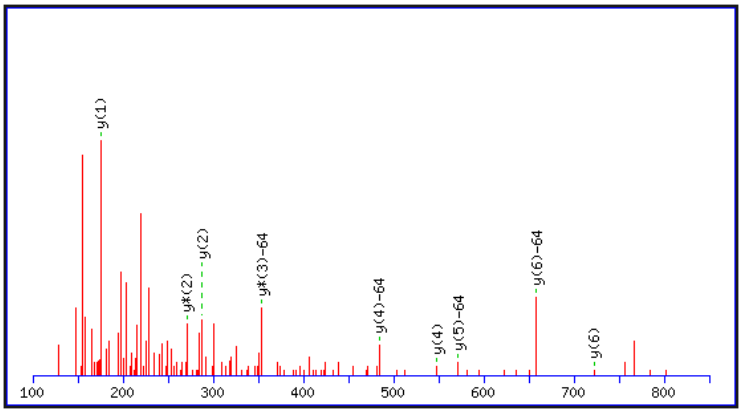
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	102.05	51.53			84.04	42.53	T							10
2	**230.11**	115.56	213.09	107.05	212.10	106.56	Q	1054.57	527.79	1037.54	519.27	1036.56	518.78	9
3	317.15	159.08	300.12	150.56	**299.14**	150.07	S	**926.51**	463.76	909.48	455.25	908.50	454.75	8
4	464.21	232.61	447.19	224.10	446.20	223.61	F	**839.48**	420.24	822.45	411.73	821.47	411.24	7
5	611.28	306.14	594.26	297.63	593.27	297.14	F	**692.41**	346.71	675.38	338.19	674.40	337.70	6
6	682.32	341.66	665.29	333.15	664.31	332.66	A	**545.34**	273.17	528.31	264.66	527.33	264.17	5
7	769.35	385.18	752.32	376.67	751.34	376.17	S	**474.30**	237.66	457.28	229.14	456.29	228.65	4
8	882.44	441.72	865.41	433.21	864.43	432.72	L	387.27	194.14	370.24	185.63			3
9	981.50	491.26	964.48	482.74	963.49	482.25	V	274.19	137.60	257.16	129.08			2
10							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID342 **DPNSLEDILR**



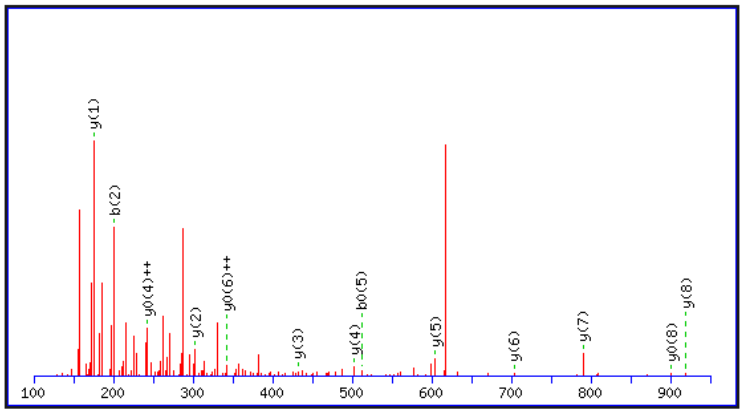
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	116.03	58.52			98.02	49.52	D							10
2	**213.09**	107.05			195.08	98.04	P	1056.57	528.79	1039.54	520.27	1038.56	519.78	9
3	**327.13**	164.07	310.10	155.56	309.12	155.06	N	**959.52**	480.26	942.49	471.75	941.51	471.26	8
4	414.16	207.58	397.14	199.07	396.15	198.58	S	**845.47**	423.24	828.45	414.73	827.46	414.23	7
5	527.25	264.13	510.22	255.61	509.24	255.12	L	**758.44**	379.72	741.41	371.21	740.43	370.72	6
6	656.29	328.65	639.26	320.13	638.28	319.64	E	**645.36**	323.18	628.33	314.67	**627.35**	314.18	5
7	771.32	386.16	754.29	377.65	753.30	377.16	D	**516.31**	258.66	499.29	250.15	498.30	249.66	4
8	884.40	442.70	867.37	434.19	866.39	433.70	I	**401.29**	201.15	384.26	192.63			3
9	997.48	499.25	980.46	490.73	979.47	490.24	L	**288.20**	144.61	271.18	136.09			2
10							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID345 **MVSSLMIR**



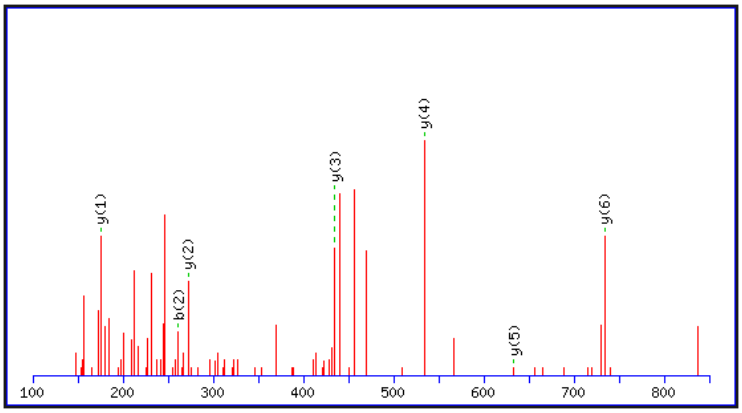
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	84.04	42.53			M							8
2	183.11	92.06			V	757.46	379.23	740.43	370.72	739.45	370.23	7
3	270.14	135.58	252.13	126.57	S	**658.39**	329.70	641.36	321.18	640.38	320.69	6
4	357.18	179.09	339.17	170.09	S	**571.36**	286.18	554.33	277.67	553.35	277.18	5
5	470.26	235.63	452.25	226.63	L	**484.32**	242.67	467.30	234.15			4
6	553.30	277.15	535.29	268.15	M	371.24	186.12	**354.21**	177.61			3
7	666.38	333.69	648.37	324.69	I	**288.20**	144.61	**271.18**	136.09			2
8					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID347 **EALESVTAEQR**



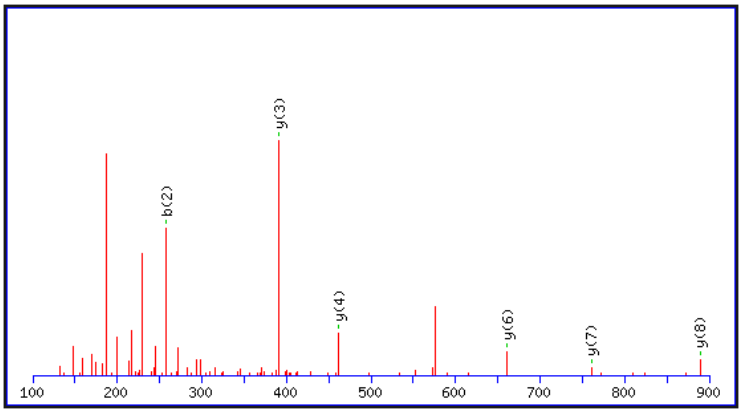
#	b	b^{++}	b*	b*$^{++}$	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y*$^{++}$	y^{0}	y^{0++}	#
1	130.05	65.53			112.04	56.52	E							11
2	**201.09**	101.05			183.08	92.04	A	1103.57	552.29	1086.54	543.77	1085.56	543.28	10
3	314.17	157.59			296.16	148.58	L	1032.53	516.77	1015.51	508.26	1014.52	507.76	9
4	443.21	222.11			425.20	213.11	E	**919.45**	460.23	902.42	451.71	**901.44**	451.22	8
5	530.25	265.63			**512.24**	256.62	S	**790.41**	395.71	773.38	387.19	772.39	386.70	7
6	629.31	315.16			611.30	306.16	V	**703.37**	352.19	686.35	343.68	685.36	**343.19**	6
7	730.36	365.68			712.35	356.68	T	**604.30**	302.66	587.28	294.14	586.29	293.65	5
8	801.40	401.20			783.39	392.20	A	**503.26**	252.13	486.23	243.62	485.25	**243.13**	4
9	930.44	465.72			912.43	456.72	E	**432.22**	216.61	415.19	208.10	414.21	207.61	3
10	1058.50	529.75	1041.47	521.24	1040.49	520.75	Q	**303.18**	152.09	286.15	143.58			2
11							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID348 **IMAHPATVVYPR**



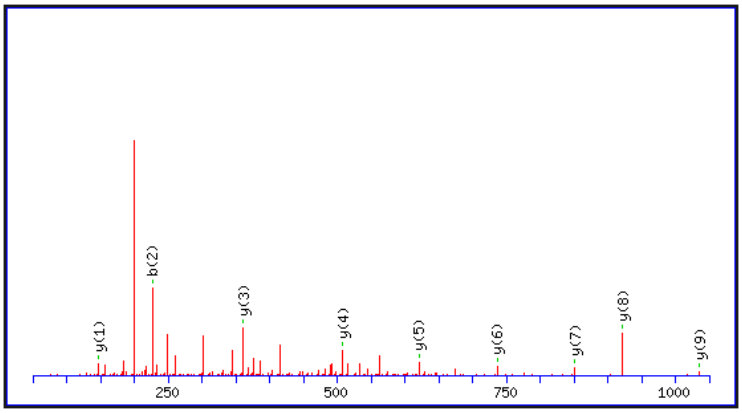
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			I							12
2	**261.13**	131.07			M	1257.64	629.32	1240.61	620.81	1239.63	620.32	11
3	332.16	166.59			A	1110.61	555.81	1093.58	547.29	1092.59	546.80	10
4	469.22	235.12			H	1039.57	520.29	1022.54	511.77	1021.56	511.28	9
5	566.28	283.64			P	902.51	451.76	885.48	443.25	884.50	442.75	8
6	637.31	319.16			A	805.46	403.23	788.43	394.72	787.45	394.23	7
7	738.36	369.68	720.35	360.68	T	**734.42**	367.71	717.39	359.20	716.41	358.71	6
8	837.43	419.22	819.42	410.21	V	**633.37**	317.19	616.35	308.68			5
9	936.50	468.75	918.49	459.75	V	**534.30**	267.66	517.28	259.14			4
10	1099.56	550.28	1081.55	541.28	Y	**435.24**	218.12	418.21	209.61			3
11	1196.61	598.81	1178.60	589.80	P	**272.17**	136.59	255.15	128.08			2
12					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID349 **AWEVAQAPFK**



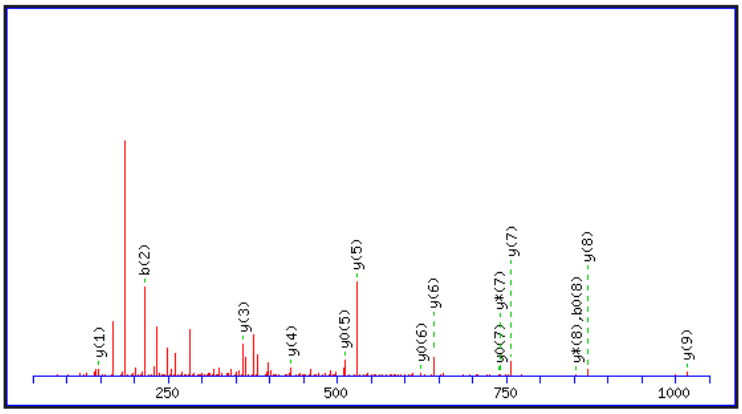
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53					A							10
2	**258.12**	129.57					W	1075.56	538.28	1058.53	529.77	1057.55	529.28	9
3	387.17	194.09			369.16	185.08	E	**889.48**	445.24	872.45	436.73	871.47	436.24	8
4	486.23	243.62			468.22	234.62	V	**760.44**	380.72	743.41	372.21			7
5	557.27	279.14			539.26	270.13	A	**661.37**	331.19	644.34	322.67			6
6	685.33	343.17	668.30	334.66	667.32	334.16	Q	590.33	295.67	573.30	287.16			5
7	756.37	378.69	739.34	370.17	738.36	369.68	A	**462.27**	231.64	445.24	223.13			4
8	853.42	427.21	836.39	418.70	835.41	418.21	P	**391.23**	196.12	374.21	187.61			3
9	1000.49	500.75	983.46	492.23	982.48	491.74	F	294.18	147.59	277.15	139.08			2
10							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID350 **LLADDLFLTK**



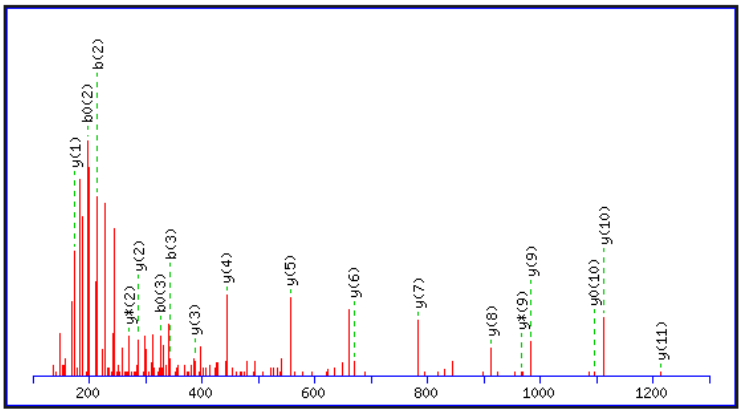
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			L							10
2	227.18	114.09			L	1035.57	518.29	1018.55	509.78	1017.56	509.28	9
3	298.21	149.61			A	922.49	461.75	905.46	453.23	904.48	452.74	8
4	413.24	207.12	395.23	198.12	D	851.45	426.23	834.42	417.72	833.44	417.22	7
5	528.27	264.64	510.26	255.63	D	736.42	368.72	719.40	360.20	718.41	359.71	6
6	641.35	321.18	623.34	312.17	L	621.40	311.20	604.37	302.69	603.39	302.20	5
7	788.42	394.71	770.41	385.71	F	508.31	254.66	491.29	246.15	490.30	245.65	4
8	901.50	451.26	883.49	442.25	L	361.24	181.13	344.22	172.61	343.23	172.12	3
9	1002.55	501.78	984.54	492.77	T	248.16	124.58	231.13	116.07	230.15	115.58	2
10					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID355 **TLFLDIPALTK**



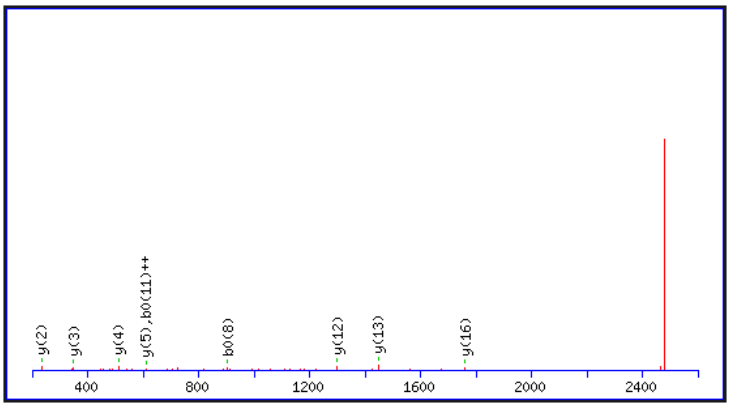
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	102.05	51.53	84.04	42.53	T							11
2	**215.14**	108.07	197.13	99.07	L	1130.68	565.84	1113.66	557.33	1112.67	556.84	10
3	362.21	181.61	344.20	172.60	F	**1017.60**	509.30	1000.57	500.79	999.59	500.30	9
4	475.29	238.15	457.28	229.14	L	**870.53**	435.77	**853.50**	427.26	852.52	426.76	8
5	590.32	295.66	572.31	286.66	D	**757.45**	379.23	**740.42**	370.71	**739.43**	370.22	7
6	703.40	352.20	685.39	343.20	I	**642.42**	321.71	625.39	313.20	**624.41**	312.71	6
7	800.46	400.73	782.44	391.73	P	**529.33**	265.17	512.31	256.66	**511.32**	256.17	5
8	871.49	436.25	**853.48**	427.24	A	**432.28**	216.64	415.26	208.13	414.27	207.64	4
9	984.58	492.79	966.57	483.79	L	**361.24**	181.13	344.22	172.61	343.23	172.12	3
10	1085.62	543.32	1067.61	534.31	T	248.16	124.58	231.13	116.07	230.15	115.58	2
11					K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID356 **LTEAENLIGVLR**



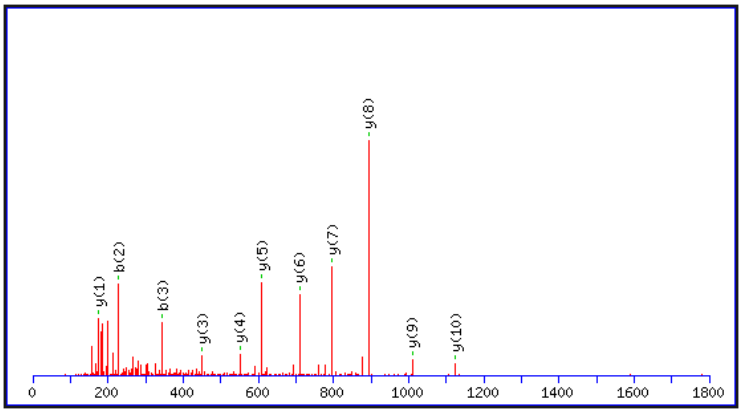
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					L							12
2	**215.14**	108.07			**197.13**	99.07	T	**1214.67**	607.84	1197.65	599.33	1196.66	598.84	11
3	**344.18**	172.59			**326.17**	163.59	E	**1113.63**	557.32	1096.60	548.80	**1095.62**	548.31	10
4	415.22	208.11			397.21	199.11	A	**984.58**	492.80	**967.56**	484.28	966.57	483.79	9
5	544.26	272.63			526.25	263.63	E	**913.55**	457.28	896.52	448.76	895.54	448.27	8
6	658.30	329.66	641.28	321.14	640.29	320.65	N	**784.50**	392.76	767.48	384.24			7
7	771.39	386.20	754.36	377.68	753.38	377.19	L	**670.46**	335.73	653.43	327.22			6
8	884.47	442.74	867.45	434.23	866.46	433.73	I	**557.38**	279.19	540.35	270.68			5
9	941.49	471.25	924.47	462.74	923.48	462.25	G	**444.29**	222.65	427.27	214.14			4
10	1040.56	520.78	1023.54	512.27	1022.55	511.78	V	**387.27**	194.14	370.24	185.63			3
11	1153.65	577.33	1136.62	568.81	1135.64	568.32	L	**288.20**	144.61	**271.18**	136.09			2
12							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID357 **YTTDQISIIFGDAFGNQVYDSK**



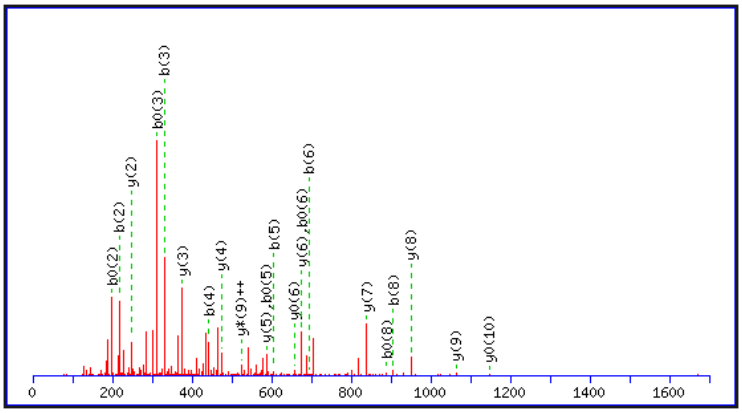
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	164.07	82.54					Y							22
2	265.12	133.06			247.11	124.06	T	2319.11	1160.06	2302.09	1151.55	2301.10	1151.06	21
3	366.17	183.59			348.16	174.58	T	2218.07	1109.54	2201.04	1101.02	2200.06	1100.53	20
4	481.19	241.10			463.18	232.09	D	2117.02	1059.01	2099.99	1050.50	2099.01	1050.01	19
5	609.25	305.13	592.22	296.62	591.24	296.12	Q	2001.99	1001.50	1984.97	992.99	1983.98	992.49	18
6	722.34	361.67	705.31	353.16	704.32	352.67	I	1873.93	937.47	1856.91	928.96	1855.92	928.46	17
7	809.37	405.19	792.34	396.67	791.36	396.18	S	**1760.85**	880.93	1743.82	872.41	1742.84	871.92	16
8	922.45	461.73	905.43	453.22	**904.44**	452.72	I	1673.82	837.41	1656.79	828.90	1655.81	828.41	15
9	1035.54	518.27	1018.51	509.76	1017.53	509.27	I	1560.73	780.87	1543.71	772.36	1542.72	771.86	14
10	1182.60	591.81	1165.58	583.29	1164.59	582.80	F	**1447.65**	724.33	1430.62	715.81	1429.64	715.32	13
11	1239.63	620.32	1222.60	611.80	1221.62	**611.31**	G	**1300.58**	650.79	1283.55	642.28	1282.57	641.79	12
12	1354.65	677.83	1337.63	669.32	1336.64	668.82	D	1243.56	622.28	1226.53	613.77	1225.55	613.28	11
13	1425.69	713.35	1408.66	704.84	1407.68	704.34	A	1128.53	564.77	1111.51	556.26	1110.52	555.76	10
14	1572.76	786.88	1555.73	778.37	1554.75	777.88	F	1057.49	529.25	1040.47	520.74	1039.48	520.25	9
15	1629.78	815.39	1612.75	806.88	1611.77	806.39	G	910.43	455.72	893.40	447.20	892.42	446.71	8
16	1743.82	872.41	1726.80	863.90	1725.81	863.41	N	853.41	427.21	836.38	418.69	835.39	418.20	7
17	1871.88	936.44	1854.85	927.93	1853.87	927.44	Q	739.36	370.18	722.34	361.67	721.35	361.18	6
18	1970.95	985.98	1953.92	977.47	1952.94	976.97	V	**611.30**	306.16	594.28	297.64	593.29	297.15	5
19	2134.01	1067.51	2116.99	1059.00	2116.00	1058.50	Y	**512.24**	256.62	495.21	248.11	494.22	247.62	4
20	2249.04	1125.02	2232.01	1116.51	2231.03	1116.02	D	**349.17**	175.09	332.15	166.58	331.16	166.08	3
21	2336.07	1168.54	2319.05	1160.03	2318.06	1159.53	S	**234.14**	117.58	217.12	109.06	216.13	108.57	2
22							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID358 **LDDPSTGTFER**



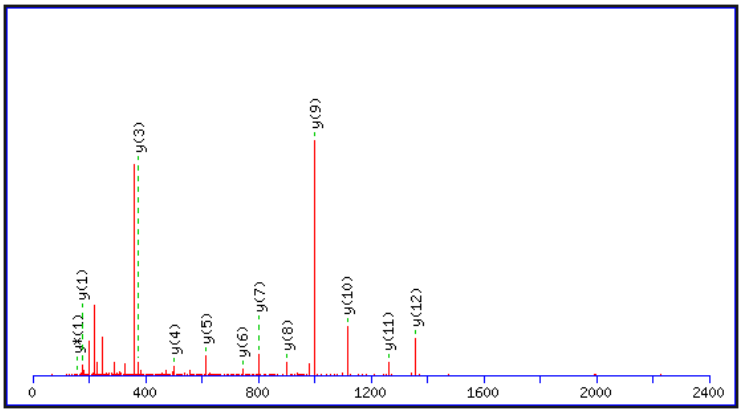
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			L							11
2	**229.12**	115.06	211.11	106.06	D	**1124.49**	562.75	1107.46	554.23	1106.47	553.74	10
3	**344.15**	172.58	326.13	163.57	D	**1009.46**	505.23	992.43	496.72	991.45	496.23	9
4	441.20	221.10	423.19	212.10	P	**894.43**	447.72	877.41	439.21	876.42	438.71	8
5	528.23	264.62	510.22	255.61	S	**797.38**	399.19	780.35	390.68	779.37	390.19	7
6	629.28	315.14	611.27	306.14	T	**710.35**	355.68	693.32	347.16	692.34	346.67	6
7	686.30	343.65	668.29	334.65	G	**609.30**	305.15	592.27	296.64	591.29	296.15	5
8	787.35	394.18	769.34	385.17	T	**552.28**	276.64	535.25	268.13	534.27	267.64	4
9	934.42	467.71	916.40	458.71	F	**451.23**	226.12	434.20	217.61	433.22	217.11	3
10	1063.46	532.23	1045.45	523.23	E	304.16	152.58	287.13	144.07	286.15	143.58	2
11					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID359 **DTLLYSNVKLD**



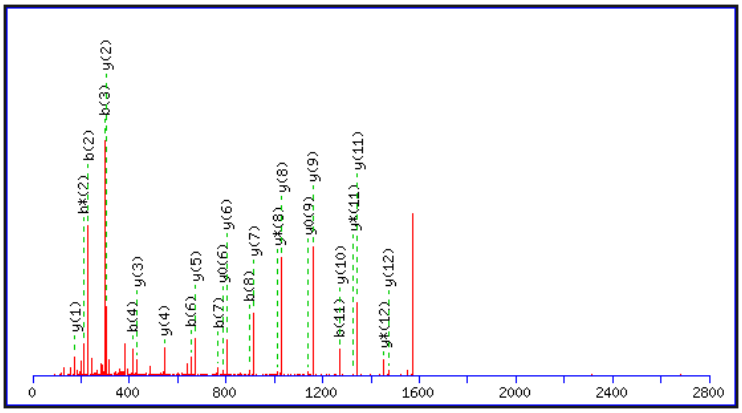
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	116.03	58.52			98.02	49.52	D							11
2	**217.08**	109.04			**199.07**	100.04	T	1165.65	583.33	1148.62	574.81	**1147.64**	574.32	10
3	**330.17**	165.59			**312.16**	156.58	L	**1064.60**	532.80	1047.57	**524.29**	1046.59	523.80	9
4	**443.25**	222.13			425.24	213.12	L	**951.51**	476.26	934.49	467.75	933.50	467.26	8
5	**606.31**	303.66			**588.30**	294.66	Y	**838.43**	419.72	821.40	411.21	820.42	410.71	7
6	**693.35**	347.18			**675.33**	338.17	S	**675.37**	338.19	658.34	329.67	**657.36**	329.18	6
7	807.39	404.20	790.36	395.68	789.38	395.19	N	**588.34**	294.67	571.31	286.16	570.32	285.67	5
8	**906.46**	453.73	889.43	445.22	**888.45**	444.73	V	**474.29**	237.65	457.27	229.14	456.28	228.64	4
9	1034.55	517.78	1017.53	509.27	1016.54	508.77	K	**375.22**	188.12	358.20	179.60	357.21	179.11	3
10	**1147.64**	574.32	1130.61	565.81	1129.63	565.32	L	**247.13**	124.07			229.12	115.06	2
11							D	134.04	67.53			116.03	58.52	1

MS/MS Fragmentation of ID361 **DLPFDPTGELQSLR**



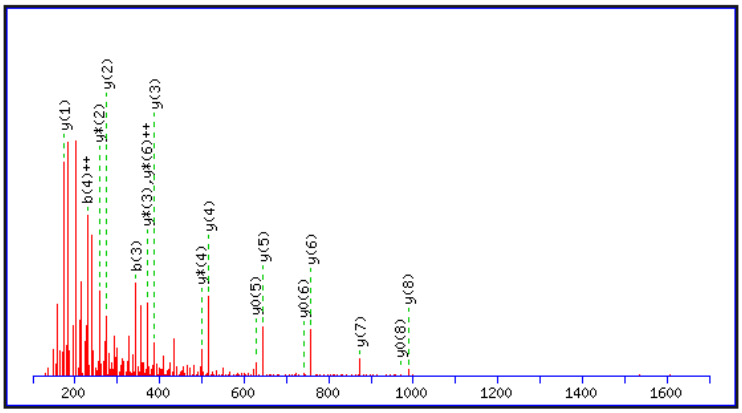
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	116.03	58.52			98.02	49.52	D							14
2	229.12	115.06			211.11	106.06	L	1472.77	736.89	1455.75	728.38	1454.76	727.89	13
3	326.17	163.59			308.16	154.58	P	**1359.69**	680.35	1342.66	671.84	1341.68	671.34	12
4	473.24	237.12			455.23	228.12	F	**1262.64**	631.82	1245.61	623.31	1244.63	622.82	11
5	588.27	294.64			570.26	285.63	D	**1115.57**	558.29	1098.54	549.77	1097.56	549.28	10
6	685.32	343.16			667.31	334.16	P	**1000.54**	500.77	983.52	492.26	982.53	491.77	9
7	786.37	393.69			768.36	384.68	T	**903.49**	452.25	886.46	443.74	885.48	443.24	8
8	843.39	422.20			825.38	413.19	G	**802.44**	401.72	785.42	393.21	784.43	392.72	7
9	972.43	486.72			954.42	477.71	E	**745.42**	373.21	728.39	364.70	727.41	364.21	6
10	1085.51	543.26			1067.50	534.26	L	**616.38**	308.69	599.35	300.18	598.37	299.69	5
11	1213.57	607.29	1196.55	598.78	1195.56	598.29	Q	**503.29**	252.15	486.27	243.64	485.28	243.15	4
12	1300.61	650.81	1283.58	642.29	1282.59	641.80	S	**375.24**	188.12	358.21	179.61	357.22	179.12	3
13	1413.69	707.35	1396.66	698.84	1395.68	698.34	L	288.20	144.61	271.18	136.09			2
14							R	**175.12**	88.06	**158.09**	79.55			1

MS/MS Fragmentation of ID362 **VQAIKDLEELEQR**



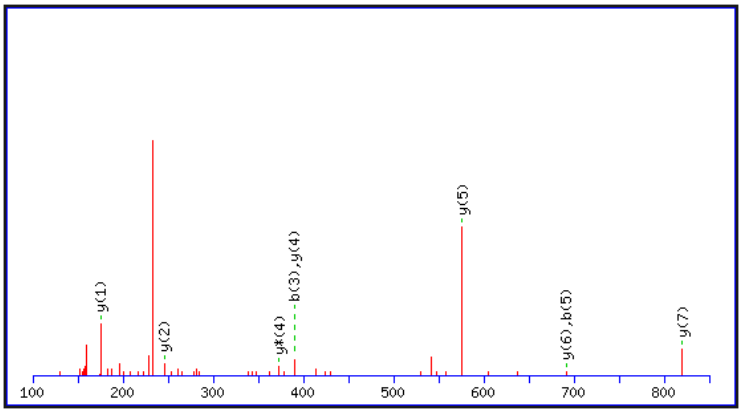
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	100.08	50.54					V							13
2	**228.13**	114.57	**211.11**	106.06			Q	**1471.78**	736.39	**1454.75**	727.88	1453.76	727.39	12
3	**299.17**	150.09	282.14	141.58			A	**1343.72**	672.36	**1326.69**	663.85	1325.71	663.36	11
4	**412.26**	206.63	395.23	198.12			I	**1272.68**	636.84	1255.65	628.33	1254.67	627.84	10
5	540.35	270.68	523.32	262.17			K	**1159.60**	580.30	1142.57	571.79	**1141.58**	571.30	9
6	**655.38**	328.19	638.35	319.68	637.37	319.19	D	**1031.50**	516.25	**1014.47**	507.74	1013.49	507.25	8
7	**768.46**	384.73	751.43	376.22	750.45	375.73	L	**916.47**	458.74	899.45	450.23	898.46	449.74	7
8	**897.50**	449.26	880.48	440.74	879.49	440.25	E	**803.39**	402.20	786.36	393.69	**785.38**	393.19	6
9	1026.55	513.78	1009.52	505.26	1008.54	504.77	E	**674.35**	337.68	657.32	329.16	656.34	328.67	5
10	1139.63	570.32	1122.60	561.81	1121.62	561.31	L	**545.30**	273.16	528.28	264.64	527.29	264.15	4
11	**1268.67**	634.84	1251.65	626.33	1250.66	625.83	E	**432.22**	216.61	415.19	208.10	414.21	207.61	3
12	1396.73	698.87	1379.71	690.36	1378.72	689.86	Q	**303.18**	152.09	286.15	143.58			2
13							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID365 **LDDLEQNVR**



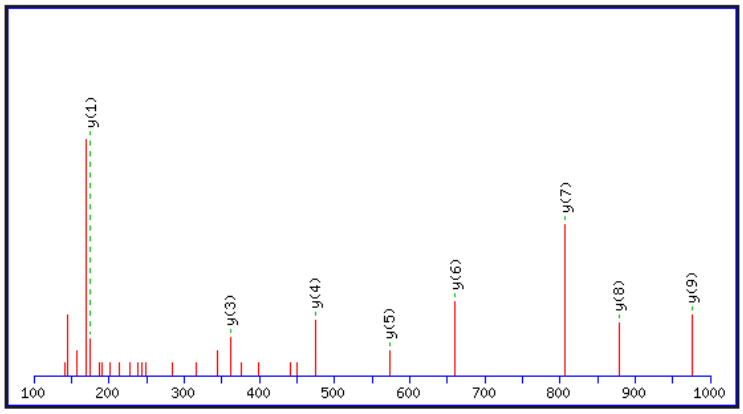
#	b	b^{++}	b*	b*$^{++}$	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y*$^{++}$	y^{0}	y^{0++}	#
1	114.09	57.55					L							9
2	**229.12**	115.06			211.11	106.06	D	**988.47**	494.74	971.44	486.23	**970.46**	485.73	8
3	**344.15**	172.58			326.13	163.57	D	**873.44**	437.22	856.42	428.71	855.43	428.22	7
4	457.23	**229.12**			439.22	220.11	L	**758.42**	379.71	741.39	**371.20**	**740.40**	370.71	6
5	586.27	293.64			568.26	284.63	E	**645.33**	323.17	628.30	314.66	**627.32**	314.16	5
6	714.33	357.67	697.30	349.16	696.32	348.66	Q	**516.29**	258.65	**499.26**	250.13			4
7	828.37	414.69	811.35	406.18	810.36	405.69	N	**388.23**	194.62	**371.20**	186.11			3
8	927.44	464.22	910.42	455.71	909.43	455.22	V	**274.19**	137.60	**257.16**	129.08			2
9							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID367 **FIEDWGSAR**



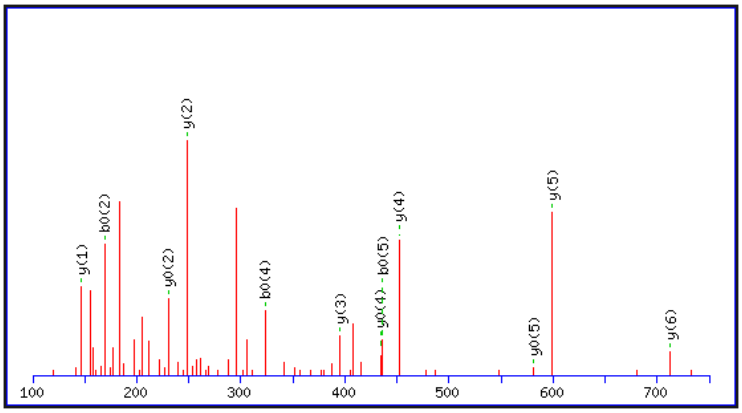
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	148.08	74.54			F							9
2	261.16	131.08			I	933.44	467.22	916.42	458.71	915.43	458.22	8
3	**390.20**	195.60	372.19	186.60	E	**820.36**	410.68	803.33	402.17	802.35	401.68	7
4	505.23	253.12	487.22	244.11	D	**691.32**	346.16	674.29	337.65	673.31	337.16	6
5	**691.31**	346.16	673.30	337.15	W	**576.29**	288.65	559.26	280.13	558.28	279.64	5
6	748.33	374.67	730.32	365.66	G	**390.21**	195.61	**373.18**	187.10	372.20	186.60	4
7	835.36	418.18	817.35	409.18	S	333.19	167.10	316.16	158.58	315.18	158.09	3
8	906.40	453.70	888.39	444.70	A	**246.16**	123.58	229.13	115.07			2
9					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID370 **SGEPAFSVLVSR**



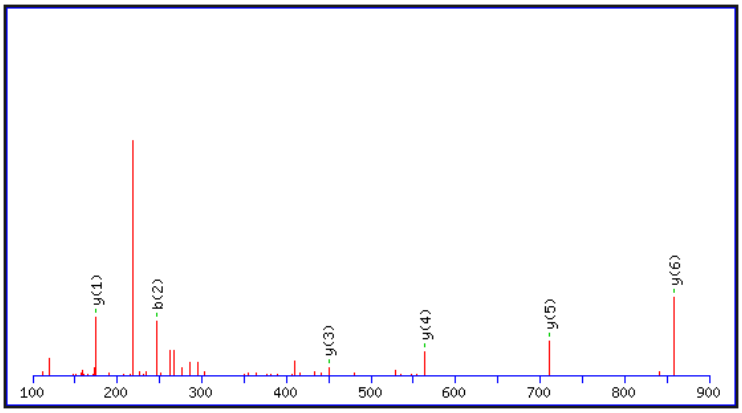
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.04	44.52	70.03	35.52	S							12
2	145.06	73.03	127.05	64.03	G	1161.63	581.32	1144.60	572.80	1143.62	572.31	11
3	274.10	137.56	256.09	128.55	E	1104.60	552.81	1087.58	544.29	1086.59	543.80	10
4	371.16	186.08	353.15	177.08	P	**975.56**	488.28	958.54	479.77	957.55	479.28	9
5	442.19	221.60	424.18	212.59	A	**878.51**	439.76	861.48	431.25	860.50	430.75	8
6	589.26	295.13	571.25	286.13	F	**807.47**	404.24	790.45	395.73	789.46	395.23	7
7	676.29	338.65	658.28	329.65	S	**660.40**	330.71	643.38	322.19	642.39	321.70	6
8	775.36	388.18	757.35	379.18	V	**573.37**	287.19	556.35	278.68	555.36	278.18	5
9	888.45	444.73	870.44	435.72	L	**474.30**	237.66	457.28	229.14	456.29	228.65	4
10	987.51	494.26	969.50	485.26	V	**361.22**	181.11	344.19	172.60	343.21	172.11	3
11	1074.55	537.78	1056.54	528.77	S	262.15	131.58	245.12	123.07	244.14	122.57	2
12					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID372 **EGGPLFGFTK**



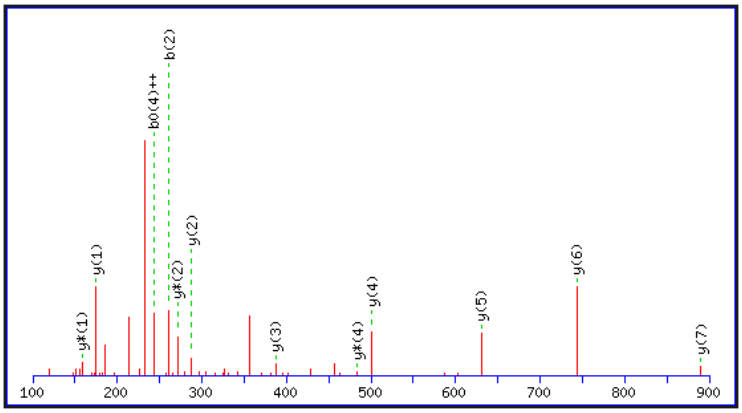
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	130.05	65.53	112.04	56.52	E							10
2	187.07	94.04	**169.06**	85.03	G	923.50	462.25	906.47	453.74	905.49	453.25	9
3	244.09	122.55	226.08	113.54	G	866.48	433.74	849.45	425.23	848.47	424.74	8
4	341.15	171.08	**323.13**	162.07	P	809.46	405.23	792.43	396.72	791.45	396.23	7
5	454.23	227.62	**436.22**	218.61	L	**712.40**	356.71	695.38	348.19	694.39	347.70	6
6	601.30	301.15	583.29	292.15	F	**599.32**	300.16	582.29	291.65	**581.31**	291.16	5
7	658.32	329.66	640.31	320.66	G	**452.25**	226.63	435.22	218.12	**434.24**	217.62	4
8	805.39	403.20	787.38	394.19	F	**395.23**	198.12	378.20	189.60	377.22	189.11	3
9	906.44	453.72	888.43	444.72	T	**248.16**	124.58	231.13	116.07	**230.15**	115.58	2
10					K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID373 **FVFFNFQR**



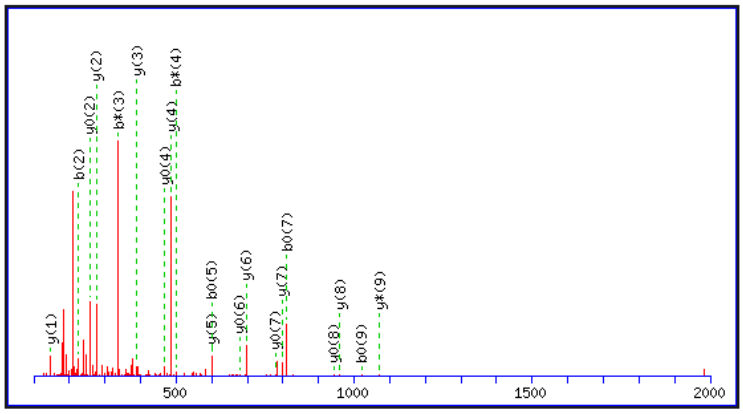
#	b	b^{++}	b*	b^{*++}	Seq.	y	y^{++}	y*	y^{*++}	#
1	148.08	74.54			F					8
2	**247.14**	124.08			V	957.49	479.25	940.47	470.74	7
3	394.21	197.61			F	**858.43**	429.72	841.40	421.20	6
4	541.28	271.14			F	**711.36**	356.18	694.33	347.67	5
5	655.32	328.17	638.30	319.65	N	**564.29**	282.65	547.26	274.13	4
6	802.39	401.70	785.37	393.19	F	**450.25**	225.63	433.22	217.11	3
7	930.45	465.73	913.42	457.22	Q	303.18	152.09	286.15	143.58	2
8					R	**175.12**	88.06	158.09	79.55	1

MS/MS Fragmentation of ID380 **IFLENVIR**



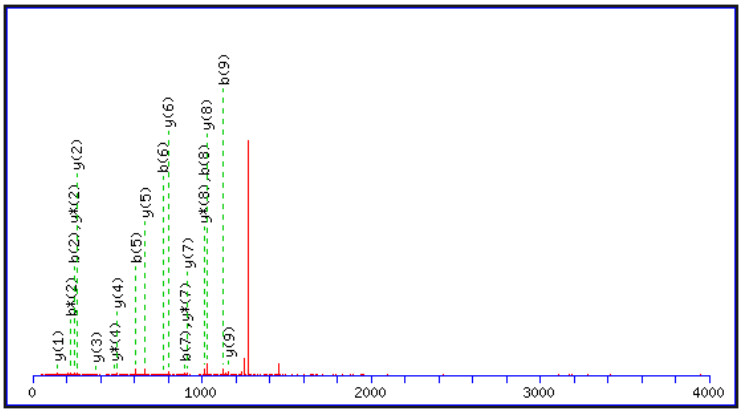
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					I							8
2	**261.16**	131.08					F	**890.51**	445.76	873.48	437.25	872.50	436.75	7
3	374.24	187.63					L	**743.44**	372.22	726.41	363.71	725.43	363.22	6
4	503.29	252.15			485.28	**243.14**	E	**630.36**	315.68	613.33	307.17	612.35	306.68	5
5	617.33	309.17	600.30	300.66	599.32	300.16	N	**501.31**	251.16	**484.29**	242.65			4
6	716.40	358.70	699.37	350.19	698.39	349.70	V	**387.27**	194.14	370.24	185.63			3
7	829.48	415.24	812.46	406.73	811.47	406.24	I	**288.20**	144.61	**271.18**	136.09			2
8							R	**175.12**	88.06	**158.09**	79.55			1

MS/MS Fragmentation of ID381 **QPQYTPLPIEK**



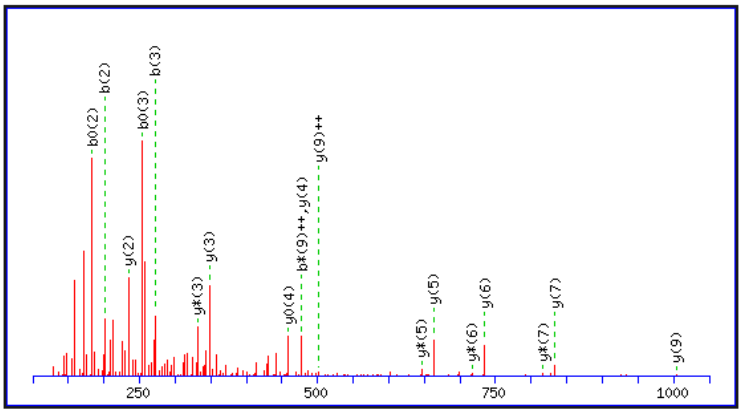
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	129.07	65.04	112.04	56.52			Q							11
2	**226.12**	113.56	209.09	105.05			P	1185.65	593.33	1168.62	584.82	1167.64	584.32	10
3	354.18	177.59	**337.15**	169.08			Q	1088.60	544.80	**1071.57**	536.29	1070.59	535.80	9
4	517.24	259.12	**500.21**	250.61			Y	**960.54**	480.77	943.51	472.26	**942.53**	471.77	8
5	618.29	309.65	601.26	301.13	**600.28**	300.64	T	**797.48**	399.24	780.45	390.73	**779.47**	390.24	7
6	715.34	358.17	698.31	349.66	697.33	349.17	P	**696.43**	348.72	679.40	340.20	**678.42**	339.71	6
7	828.43	414.72	811.40	406.20	**810.41**	405.71	L	**599.38**	300.19	582.35	291.68	581.37	291.19	5
8	925.48	463.24	908.45	454.73	907.47	454.24	P	**486.29**	243.65	469.27	235.14	**468.28**	234.64	4
9	1038.56	519.78	1021.54	511.27	**1020.55**	510.78	I	**389.24**	195.12	372.21	186.61	371.23	186.12	3
10	1167.60	584.31	1150.58	575.79	1149.59	575.30	E	**276.16**	138.58	259.13	130.07	**258.14**	129.58	2
11							K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID386 **NKLDHYQILK**



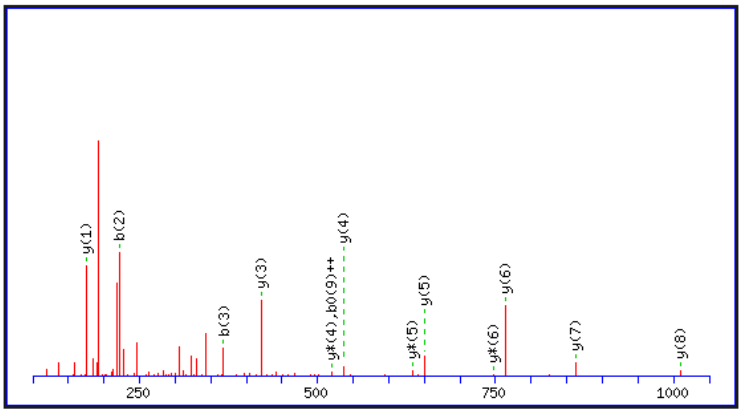
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	115.05	58.03	98.02	49.52			N							10
2	**243.15**	122.08	**226.12**	113.56			K	**1157.67**	579.34	1140.64	570.82	1139.66	570.33	9
3	356.23	178.62	339.20	170.10			L	**1029.57**	515.29	**1012.55**	506.78	1011.56	506.28	8
4	471.26	236.13	454.23	227.62	453.25	227.13	D	**916.49**	458.75	**899.46**	450.23	898.48	449.74	7
5	**608.32**	304.66	591.29	296.15	590.30	295.66	H	**801.46**	401.23	784.44	392.72			6
6	**771.38**	386.19	754.35	377.68	753.37	377.19	Y	**664.40**	332.71	647.38	324.19			5
7	**899.44**	450.22	882.41	441.71	881.43	441.22	Q	**501.34**	251.17	**484.31**	242.66			4
8	**1012.52**	506.76	995.49	498.25	994.51	497.76	I	**373.28**	187.14	356.25	178.63			3
9	**1125.61**	563.31	1108.58	554.79	1107.59	554.30	L	**260.20**	130.60	**243.17**	122.09			2
10							K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID388 **LSAVVAWENSK**



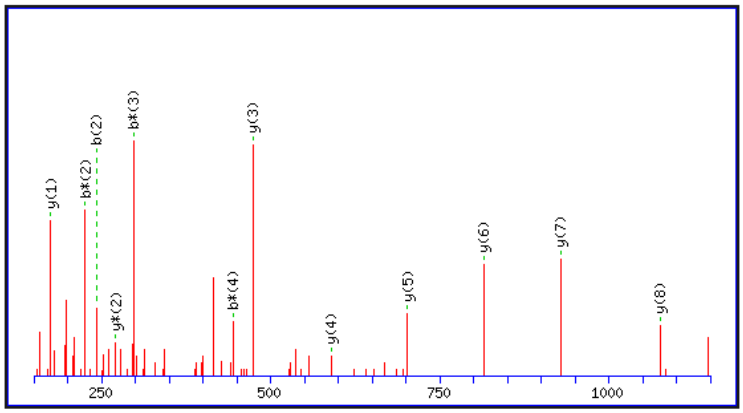
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					L							11
2	**201.12**	101.07			**183.11**	92.06	S	1090.55	545.78	1073.53	537.27	1072.54	536.77	10
3	**272.16**	136.58			**254.15**	127.58	A	**1003.52**	**502.26**	986.49	493.75	985.51	493.26	9
4	371.23	186.12			353.22	177.11	V	932.48	466.75	915.46	458.23	914.47	457.74	8
5	470.30	235.65			452.29	226.65	V	**833.42**	417.21	**816.39**	408.70	815.40	408.21	7
6	541.33	271.17			523.32	262.17	A	**734.35**	367.68	**717.32**	359.16	716.34	358.67	6
7	727.41	364.21			709.40	355.21	W	**663.31**	332.16	**646.28**	323.65	645.30	323.15	5
8	856.46	428.73			838.45	419.73	E	**477.23**	239.12	460.20	230.61	**459.22**	230.11	4
9	970.50	485.75	953.47	**477.24**	952.49	476.75	N	**348.19**	174.60	**331.16**	166.08	330.18	165.59	3
10	1057.53	529.27	1040.50	520.76	1039.52	520.26	S	**234.14**	117.58	217.12	109.06	216.13	108.57	2
11							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID389 **GYFVLNDVFR**



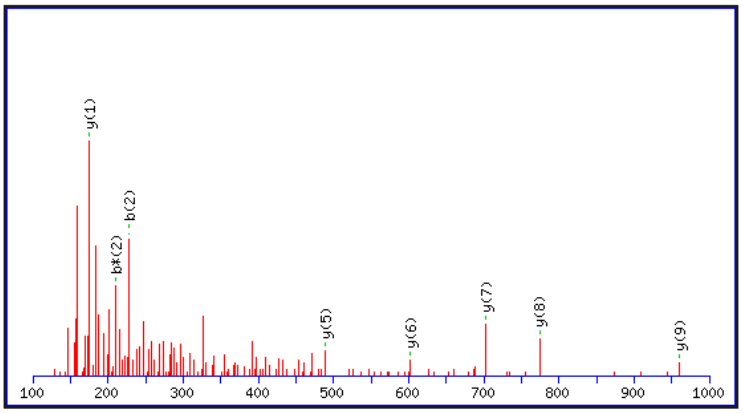
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	58.03	29.52					G							10
2	**221.09**	111.05					Y	1172.61	586.81	1155.58	578.30	1154.60	577.80	9
3	**368.16**	184.58					F	**1009.55**	505.28	992.52	496.76	991.54	496.27	8
4	467.23	234.12					V	**862.48**	431.74	845.45	423.23	844.47	422.74	7
5	580.31	290.66					L	**763.41**	382.21	**746.38**	373.70	745.40	373.20	6
6	694.36	347.68	677.33	339.17			N	**650.33**	325.67	**633.30**	317.15	632.32	316.66	5
7	809.38	405.20	792.36	396.68	791.37	396.19	D	**536.28**	268.64	**519.26**	260.13	518.27	259.64	4
8	908.45	454.73	891.42	446.22	890.44	445.72	V	**421.26**	211.13	404.23	202.62			3
9	1055.52	528.26	1038.49	519.75	1037.51	**519.26**	F	322.19	161.60	305.16	153.08			2
10							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID390 **QNAFLLLDWIR**



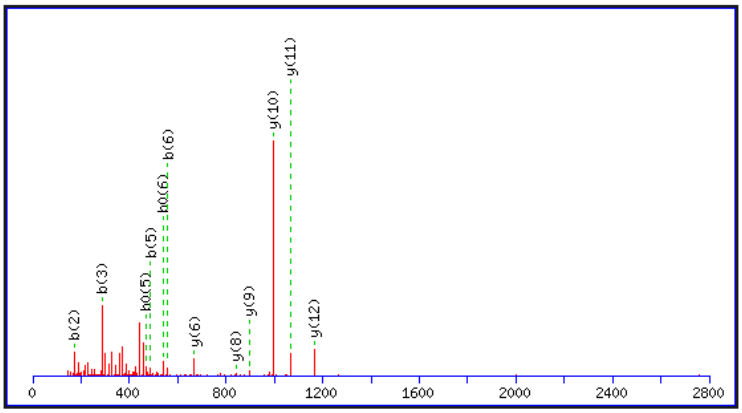
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	129.07	65.04	112.04	56.52			Q							11
2	**243.11**	122.06	**226.08**	113.54			N	1260.71	630.86	1243.68	622.35	1242.70	621.85	10
3	314.15	157.58	**297.12**	149.06			A	1146.67	573.84	1129.64	565.32	1128.66	564.83	9
4	461.21	231.11	**444.19**	222.60			F	**1075.63**	538.32	1058.60	529.81	1057.62	529.31	8
5	574.30	287.65	557.27	279.14			L	**928.56**	464.78	911.53	456.27	910.55	455.78	7
6	687.38	344.19	670.36	335.68			L	**815.48**	408.24	798.45	399.73	797.47	399.24	6
7	800.47	400.74	783.44	392.22			L	**702.39**	351.70	685.37	343.19	684.38	342.70	5
8	915.49	458.25	898.47	449.74	897.48	449.25	D	**589.31**	295.16	572.28	286.64	571.30	286.15	4
9	1101.57	551.29	1084.55	542.78	1083.56	542.28	W	**474.28**	237.64	457.26	229.13			3
10	1214.66	607.83	1197.63	599.32	1196.65	598.83	I	288.20	144.61	**271.18**	136.09			2
11							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID391 **LNWATLGAGER**



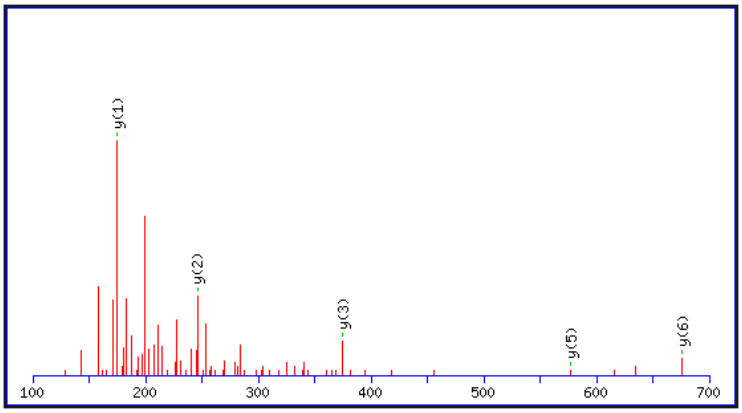
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					L							11
2	**228.13**	114.57	**211.11**	106.06			N	1074.53	537.77	1057.51	529.26	1056.52	528.76	10
3	414.21	207.61	397.19	199.10			W	**960.49**	480.75	943.46	472.24	942.48	471.74	9
4	485.25	243.13	468.22	234.62			A	**774.41**	387.71	757.38	379.20	756.40	378.70	8
5	586.30	293.65	569.27	285.14	568.29	284.65	T	**703.37**	352.19	686.35	343.68	685.36	343.19	7
6	699.38	350.19	682.36	341.68	681.37	341.19	L	**602.33**	301.67	585.30	293.15	584.32	292.66	6
7	756.40	378.71	739.38	370.19	738.39	369.70	G	**489.24**	245.12	472.22	236.61	471.23	236.12	5
8	827.44	414.22	810.41	405.71	809.43	405.22	A	432.22	216.61	415.19	208.10	414.21	207.61	4
9	884.46	442.73	867.44	434.22	866.45	433.73	G	361.18	181.10	344.16	172.58	343.17	172.09	3
10	1013.51	507.26	996.48	498.74	995.49	498.25	E	304.16	152.58	287.13	144.07	286.15	143.58	2
11							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID392 **AVDVTAPGGNPVQGIR**



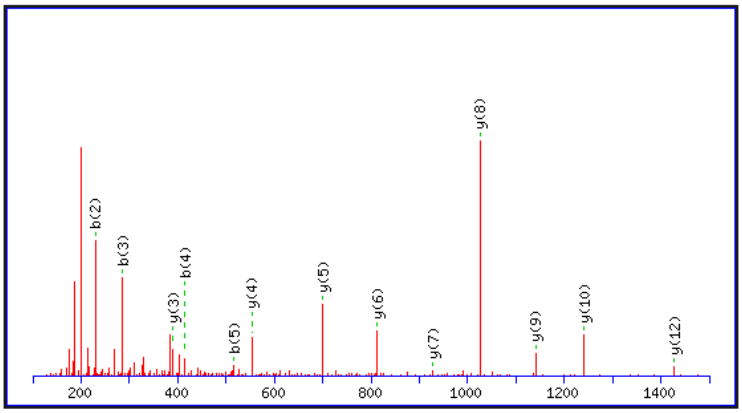
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53					A							16
2	**171.11**	86.06					V	1479.79	740.40	1462.76	731.89	1461.78	731.39	15
3	**286.14**	143.57			268.13	134.57	D	1380.72	690.87	1363.70	682.35	1362.71	681.86	14
4	385.21	193.11			367.20	184.10	V	1265.70	633.35	1248.67	624.84	1247.69	624.35	13
5	**486.26**	243.63			**468.25**	234.63	T	**1166.63**	583.82	1149.60	575.30	1148.62	574.81	12
6	**557.29**	279.15			**539.28**	270.14	A	**1065.58**	533.29	1048.55	524.78			11
7	654.35	327.68			636.34	318.67	P	**994.54**	497.78	977.52	489.26			10
8	711.37	356.19			693.36	347.18	G	**897.49**	449.25	880.46	440.74			9
9	768.39	384.70			750.38	375.69	G	**840.47**	420.74	823.44	412.22			8
10	882.43	441.72	865.41	433.21	864.42	432.71	N	783.45	392.23	766.42	383.71			7
11	979.48	490.25	962.46	481.73	961.47	481.24	P	**669.40**	335.21	652.38	326.69			6
12	1078.55	539.78	1061.53	531.27	1060.54	530.77	V	572.35	286.68	555.32	278.17			5
13	1206.61	603.81	1189.58	595.30	1188.60	594.80	Q	473.28	237.15	456.26	228.63			4
14	1263.63	632.32	1246.61	623.81	1245.62	623.31	G	345.22	173.12	328.20	164.60			3
15	1376.72	688.86	1359.69	680.35	1358.71	679.86	I	288.20	144.61	271.18	136.09			2
16							R	175.12	88.06	158.09	79.55			1

MS/MS Fragmentation of ID394 **QVVSDEAR**



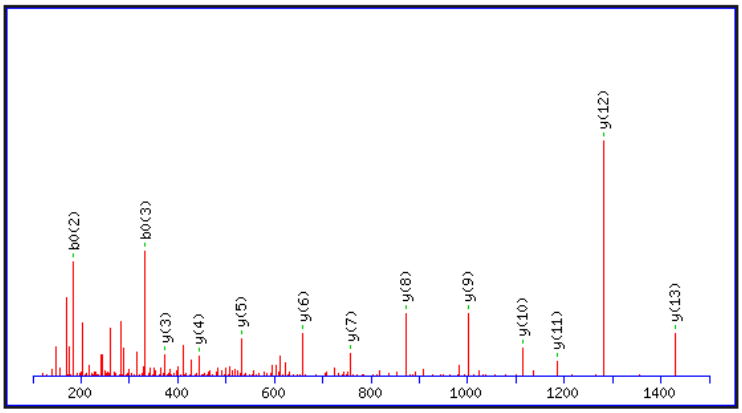
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	129.07	65.04	112.04	56.52			Q							8
2	228.13	114.57	211.11	106.06			V	775.39	388.20	758.37	379.69	757.38	379.20	7
3	327.20	164.10	310.18	155.59			V	**676.33**	338.67	659.30	330.15	658.32	329.66	6
4	414.23	207.62	397.21	199.11	396.22	198.62	S	**577.26**	289.13	560.23	280.62	559.25	280.13	5
5	529.26	265.13	512.24	256.62	511.25	256.13	D	490.23	245.62	473.20	237.10	472.22	236.61	4
6	658.30	329.66	641.28	321.14	640.29	320.65	E	**375.20**	188.10	358.17	179.59	357.19	179.10	3
7	729.34	365.17	712.31	356.66	711.33	356.17	A	**246.16**	123.58	229.13	115.07			2
8							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID396 **DIGETDPDIFYTNR**



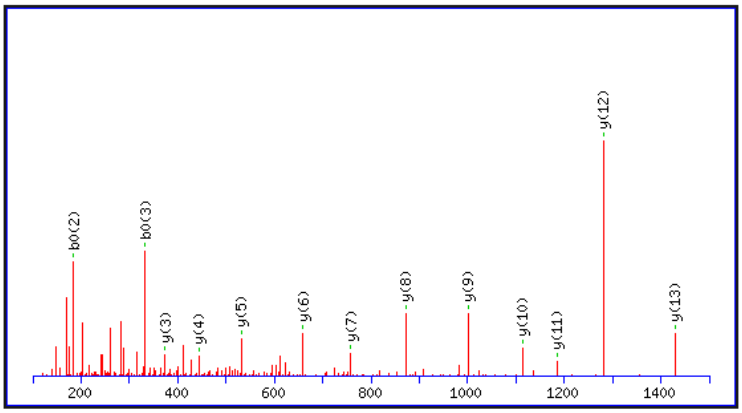
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	116.03	58.52			98.02	49.52	D							14
2	**229.12**	115.06			211.11	106.06	I	1540.73	770.87	1523.70	762.35	1522.72	761.86	13
3	**286.14**	143.57			268.13	134.57	G	**1427.64**	714.33	1410.62	705.81	1409.63	705.32	12
4	**415.18**	208.09			397.17	199.09	E	1370.62	685.81	1353.60	677.30	1352.61	676.81	11
5	**516.23**	258.62			498.22	249.61	T	**1241.58**	621.29	1224.55	612.78	1223.57	612.29	10
6	631.26	316.13			613.25	307.13	D	**1140.53**	570.77	1123.51	562.26	1122.52	561.76	9
7	728.31	364.66			710.30	355.65	P	**1025.51**	513.26	1008.48	504.74	1007.49	504.25	8
8	843.34	422.17			825.33	413.17	D	**928.45**	464.73	911.43	456.22	910.44	455.72	7
9	956.42	478.71			938.41	469.71	I	**813.43**	407.22	796.40	398.70	795.41	398.21	6
10	1103.49	552.25			1085.48	543.24	F	**700.34**	350.67	683.31	342.16	682.33	341.67	5
11	1266.55	633.78			1248.54	624.77	Y	**553.27**	277.14	536.25	268.63	535.26	268.13	4
12	1367.60	684.30			1349.59	675.30	T	**390.21**	195.61	373.18	187.10	372.20	186.60	3
13	1481.64	741.33	1464.62	732.81	1463.63	732.32	N	289.16	145.08	272.14	136.57			2
14							R	175.12	88.06	158.09	79.55			1

MS/MS Fragmentation of ID397 **TTFPALQNVQSALIK**



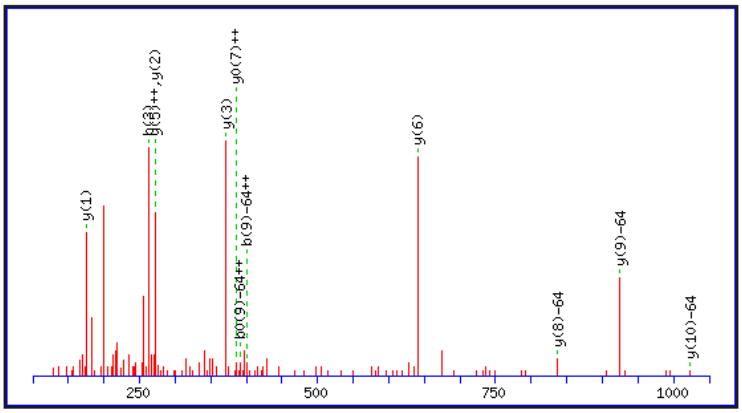
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	102.05	51.53			84.04	42.53	T							15
2	203.10	102.05			**185.09**	93.05	T	1529.87	765.44	1512.84	756.92	1511.86	756.43	14
3	350.17	175.59			**332.16**	166.58	F	**1428.82**	714.91	1411.79	706.40	1410.81	705.91	13
4	447.22	224.12			429.21	215.11	P	**1281.75**	641.38	1264.73	632.87	1263.74	632.37	12
5	518.26	259.63			500.25	250.63	A	**1184.70**	592.85	1167.67	584.34	1166.69	583.85	11
6	631.34	316.18			613.33	307.17	L	**1113.66**	557.33	1096.64	548.82	1095.65	548.33	10
7	759.40	380.21	742.38	371.69	741.39	371.20	Q	**1000.58**	500.79	983.55	492.28	982.57	491.79	9
8	873.45	437.23	856.42	428.71	855.44	428.22	N	**872.52**	436.76	855.49	428.25	854.51	427.76	8
9	972.51	486.76	955.49	478.25	954.50	477.76	V	**758.48**	379.74	741.45	371.23	740.47	370.74	7
10	1100.57	550.79	1083.55	542.28	1082.56	541.79	Q	**659.41**	330.21	642.38	321.69	641.40	321.20	6
11	1187.61	594.31	1170.58	585.79	1169.59	585.30	S	**531.35**	266.18	514.32	257.67	513.34	257.17	5
12	1258.64	629.82	1241.62	621.31	1240.63	620.82	A	**444.32**	222.66	427.29	214.15			4
13	1371.73	686.37	1354.70	677.85	1353.72	677.36	L	**373.28**	187.14	356.25	178.63			3
14	1484.81	742.91	1467.78	734.40	1466.80	733.90	I	260.20	130.60	243.17	122.09			2
15							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID398 **TTFPALQNVQSALIK**



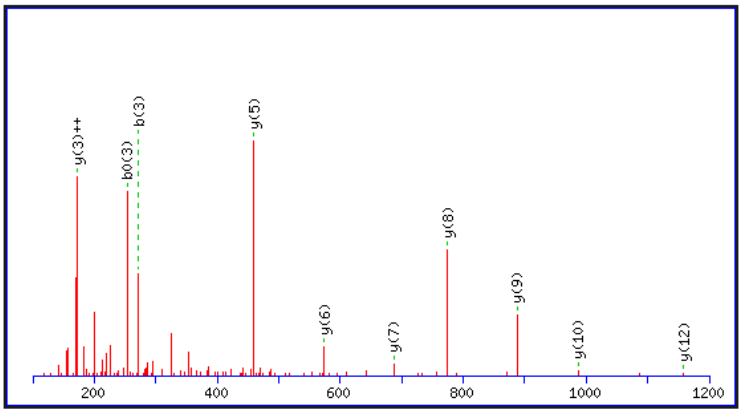
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	102.05	51.53			84.04	42.53	T							15
2	203.10	102.05			**185.09**	93.05	T	1529.87	765.44	1512.84	756.92	1511.86	756.43	14
3	350.17	175.59			**332.16**	166.58	F	**1428.82**	714.91	1411.79	706.40	1410.81	705.91	13
4	447.22	224.12			429.21	215.11	P	**1281.75**	641.38	1264.73	632.87	1263.74	632.37	12
5	518.26	259.63			500.25	250.63	A	**1184.70**	592.85	1167.67	584.34	1166.69	583.85	11
6	631.34	316.18			613.33	307.17	L	**1113.66**	557.33	1096.64	548.82	1095.65	548.33	10
7	759.40	380.21	742.38	371.69	741.39	371.20	Q	**1000.58**	500.79	983.55	492.28	982.57	491.79	9
8	873.45	437.23	856.42	428.71	855.44	428.22	N	**872.52**	436.76	855.49	428.25	854.51	427.76	8
9	972.51	486.76	955.49	478.25	954.50	477.76	V	**758.48**	379.74	741.45	371.23	740.47	370.74	7
10	1100.57	550.79	1083.55	542.28	1082.56	541.79	Q	**659.41**	330.21	642.38	321.69	641.40	321.20	6
11	1187.61	594.31	1170.58	585.79	1169.59	585.30	S	**531.35**	266.18	514.32	257.67	513.34	257.17	5
12	1258.64	629.82	1241.62	621.31	1240.63	620.82	A	**444.32**	222.66	427.29	214.15			4
13	1371.73	686.37	1354.70	677.85	1353.72	677.36	L	**373.28**	187.14	356.25	178.63			3
14	1484.81	742.91	1467.78	734.40	1466.80	733.90	I	260.20	130.60	243.17	122.09			2
15							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID400 **GGFVSNMPGDVPR**



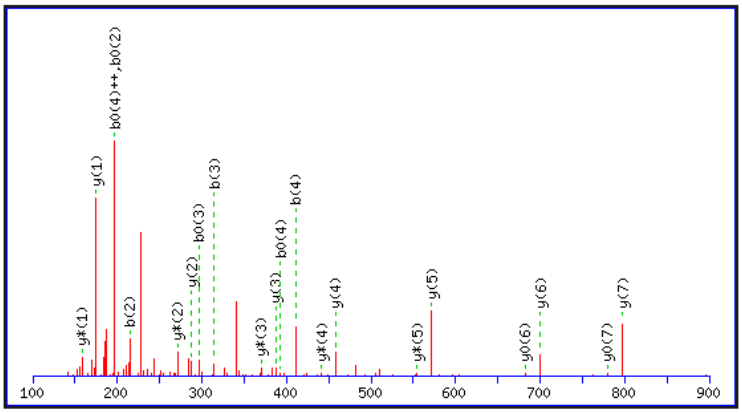
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	58.03	29.52					G							13
2	115.05	58.03					G	1227.61	614.31	1210.59	605.80	1209.60	605.30	12
3	**262.12**	131.56					F	1170.59	585.80	1153.56	577.29	1152.58	576.79	11
4	361.19	181.10					V	**1023.52**	512.26	1006.50	503.75	1005.51	503.26	10
5	448.22	224.61			430.21	215.61	S	**924.45**	462.73	907.43	454.22	906.44	453.73	9
6	562.26	281.63	545.24	273.12	544.25	272.63	N	**837.42**	419.21	820.39	410.70	819.41	410.21	8
7	645.30	323.15	628.27	314.64	627.29	314.15	M	723.38	362.19	706.35	353.68	705.37	353.19	7
8	742.35	371.68	725.33	363.17	724.34	362.67	P	**640.34**	320.67	623.31	312.16	622.33	311.67	6
9	799.37	**400.19**	782.35	391.68	781.36	**391.19**	G	543.29	**272.15**	526.26	263.63	525.28	263.14	5
10	914.40	457.70	897.37	449.19	896.39	448.70	D	486.27	243.64	469.24	235.12	468.26	234.63	4
11	1013.47	507.24	996.44	498.72	995.46	498.23	V	**371.24**	186.12	354.21	177.61			3
12	1110.52	555.76	1093.49	547.25	1092.51	546.76	P	**272.17**	136.59	255.15	128.08			2
13							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID401 **VATVLSIDGGGIR**



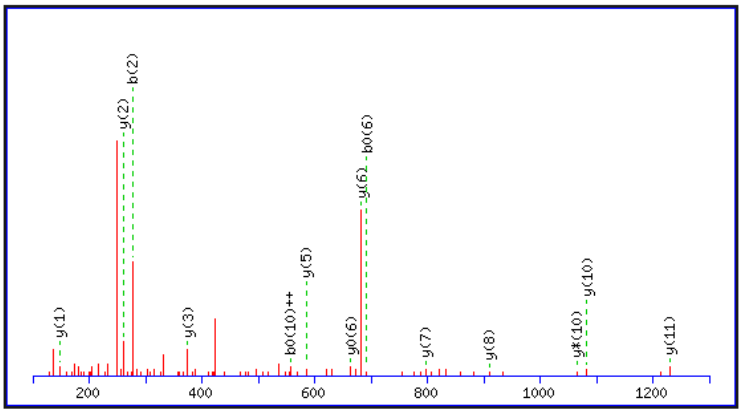
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	100.08	50.54			V							13
2	171.11	86.06			A	**1158.65**	579.83	1141.62	571.31	1140.64	570.82	12
3	**272.16**	136.58	**254.15**	127.58	T	1087.61	544.31	1070.58	535.80	1069.60	535.30	11
4	371.23	186.12	353.22	177.11	V	**986.56**	493.79	969.54	485.27	968.55	484.78	10
5	484.31	242.66	466.30	233.65	L	**887.49**	444.25	870.47	435.74	869.48	435.25	9
6	571.34	286.18	553.33	277.17	S	**774.41**	387.71	757.38	379.20	756.40	378.70	8
7	684.43	342.72	666.42	333.71	I	**687.38**	344.19	670.35	335.68	669.37	335.19	7
8	799.46	400.23	781.45	391.23	D	**574.29**	287.65	557.27	279.14	556.28	278.65	6
9	856.48	428.74	838.47	419.74	G	**459.27**	230.14	442.24	221.62			5
10	913.50	457.25	895.49	448.25	G	402.25	201.63	385.22	193.11			4
11	970.52	485.76	952.51	476.76	G	345.22	**173.12**	328.20	164.60			3
12	1083.60	542.31	1065.59	533.30	I	288.20	144.61	271.18	136.09			2
13					R	175.12	88.06	158.09	79.55			1

MS/MS Fragmentation of ID402 **LTVPELAVLR**



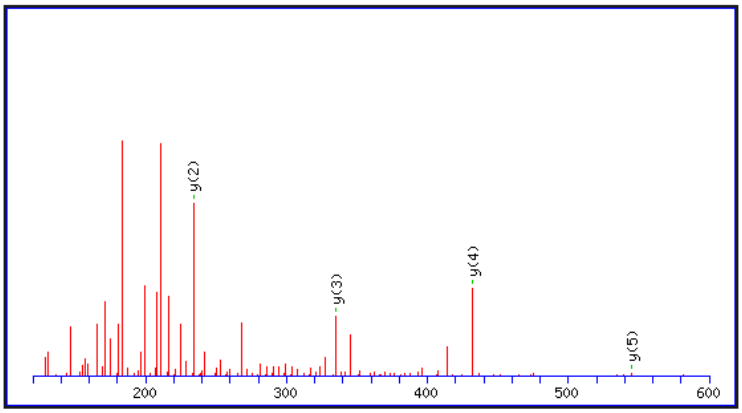
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			L							10
2	**215.14**	108.07	**197.13**	99.07	T	997.60	499.31	980.58	490.79	979.59	490.30	9
3	**314.21**	157.61	**296.20**	148.60	V	896.56	448.78	879.53	440.27	878.55	439.78	8
4	**411.26**	206.13	**393.25**	**197.13**	P	**797.49**	399.25	780.46	390.73	**779.48**	390.24	7
5	540.30	270.66	522.29	261.65	E	**700.44**	350.72	683.41	342.21	**682.42**	341.72	6
6	653.39	327.20	635.38	318.19	L	**571.39**	286.20	**554.37**	277.69			5
7	724.42	362.72	706.41	353.71	A	**458.31**	229.66	**441.28**	221.14			4
8	823.49	412.25	805.48	403.24	V	**387.27**	194.14	**370.24**	185.63			3
9	936.58	468.79	918.57	459.79	L	**288.20**	144.61	**271.18**	136.09			2
10					R	**175.12**	88.06	**158.09**	79.55			1

MS/MS Fragmentation of ID403 **YLFGDNNPPLDLK**



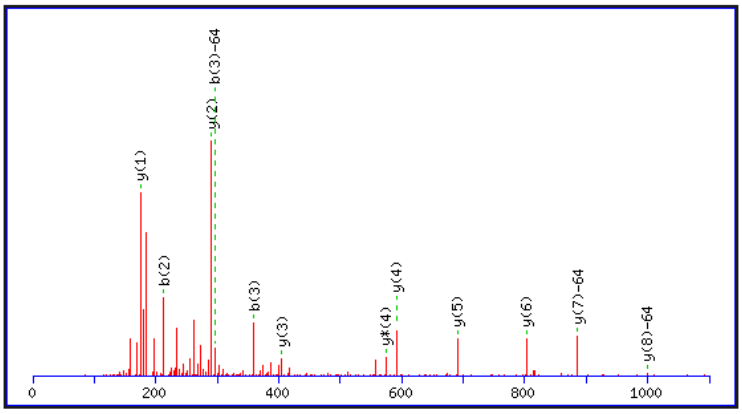
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	164.07	82.54					Y							13
2	**277.15**	139.08					L	1342.70	671.85	1325.67	663.34	1324.69	662.85	12
3	424.22	212.62					F	**1229.62**	615.31	1212.59	606.80	1211.61	606.31	11
4	481.24	241.13					G	**1082.55**	541.78	**1065.52**	533.26	1064.54	532.77	10
5	596.27	298.64			578.26	289.63	D	1025.53	513.27	1008.50	504.75	1007.52	504.26	9
6	710.31	355.66	693.29	347.15	**692.30**	346.66	N	**910.50**	455.75	893.47	447.24	892.49	446.75	8
7	824.36	412.68	807.33	404.17	806.35	403.68	N	**796.46**	398.73	779.43	390.22	778.45	389.73	7
8	921.41	461.21	904.38	452.70	903.40	452.20	P	**682.41**	341.71	665.39	333.20	**664.40**	332.71	6
9	1018.46	509.74	1001.44	501.22	1000.45	500.73	P	**585.36**	293.18	568.33	284.67	567.35	284.18	5
10	1131.55	566.28	1114.52	557.76	1113.54	**557.27**	L	488.31	244.66	471.28	236.14	470.30	235.65	4
11	1246.57	623.79	1229.55	615.28	1228.56	614.79	D	**375.22**	188.12	358.20	179.60	357.21	179.11	3
12	1359.66	680.33	1342.63	671.82	1341.65	671.33	L	**260.20**	130.60	243.17	122.09			2
13							K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID404 **IQPLIPTSK**



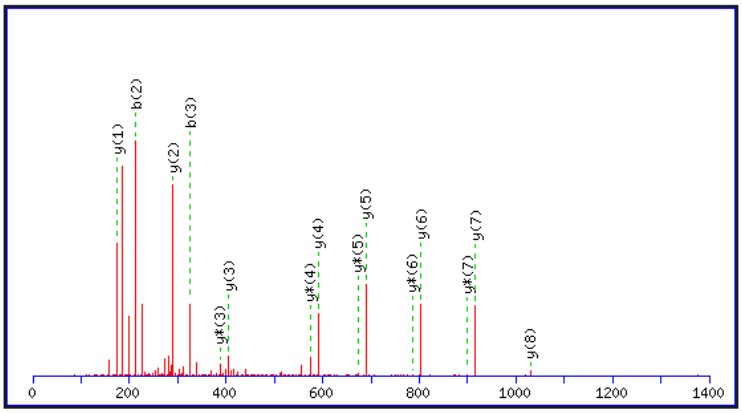
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					I							9
2	242.15	121.58	225.12	113.07			Q	883.52	442.27	866.50	433.75	865.51	433.26	8
3	339.20	170.10	322.18	161.59			P	755.47	378.24	738.44	369.72	737.46	369.23	7
4	452.29	226.65	435.26	218.13			L	658.41	329.71	641.39	321.20	640.40	320.71	6
5	565.37	283.19	548.34	274.68			I	**545.33**	273.17	528.30	264.66	527.32	264.16	5
6	662.42	331.72	645.40	323.20			P	**432.25**	216.63	415.22	208.11	414.23	207.62	4
7	763.47	382.24	746.44	373.73	745.46	373.23	T	**335.19**	168.10	318.17	159.59	317.18	159.09	3
8	850.50	425.76	833.48	417.24	832.49	416.75	S	**234.14**	117.58	217.12	109.06	216.13	108.57	2
9							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID406 **VLMLVWDDR**



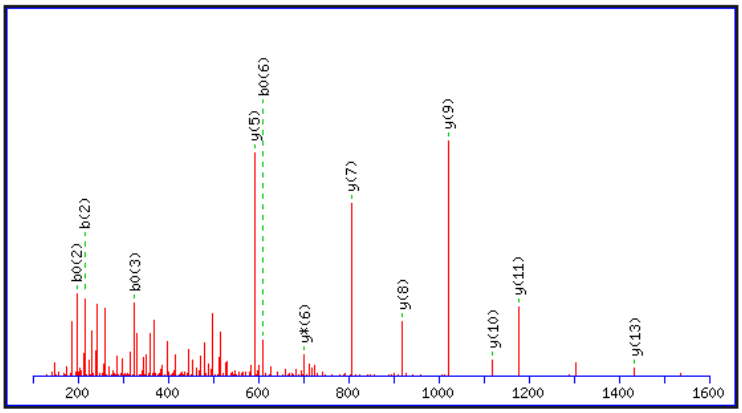
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	100.08	50.54			V							9
2	**213.16**	107.08			L	**999.53**	500.27	982.50	491.75	981.52	491.26	8
3	**296.20**	148.60			M	**886.44**	443.72	869.42	435.21	868.43	434.72	7
4	409.28	205.14			L	**803.40**	402.21	786.38	393.69	785.39	393.20	6
5	508.35	254.68			V	**690.32**	345.66	673.29	337.15	672.31	336.66	5
6	694.43	347.72			W	**591.25**	296.13	**574.23**	287.62	573.24	287.12	4
7	809.46	405.23	791.45	396.23	D	**405.17**	203.09	388.15	194.58	387.16	194.08	3
8	924.48	462.74	906.47	453.74	D	**290.15**	145.58	273.12	137.06	272.14	136.57	2
9					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID407 **VLLLVWDDR**



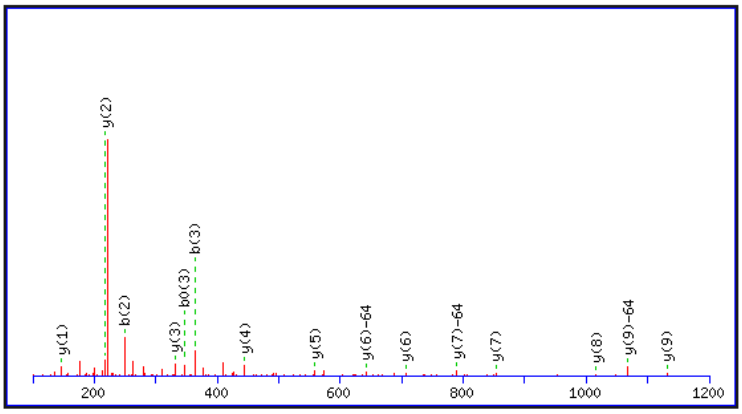
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	100.08	50.54			V							9
2	**213.16**	107.08			L	**1029.57**	515.29	1012.55	506.78	1011.56	506.28	8
3	**326.24**	163.63			L	**916.49**	458.75	**899.46**	450.23	898.48	449.74	7
4	439.33	220.17			L	**803.40**	402.21	**786.38**	393.69	785.39	393.20	6
5	538.40	269.70			V	**690.32**	345.66	**673.29**	337.15	672.31	336.66	5
6	724.48	362.74			W	**591.25**	296.13	**574.23**	287.62	573.24	287.12	4
7	839.50	420.25	821.49	411.25	D	**405.17**	203.09	**388.15**	194.58	387.16	194.08	3
8	954.53	477.77	936.52	468.76	D	**290.15**	145.58	273.12	137.06	272.14	136.57	2
9					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID412 **ITEEGVTISQPYALK**



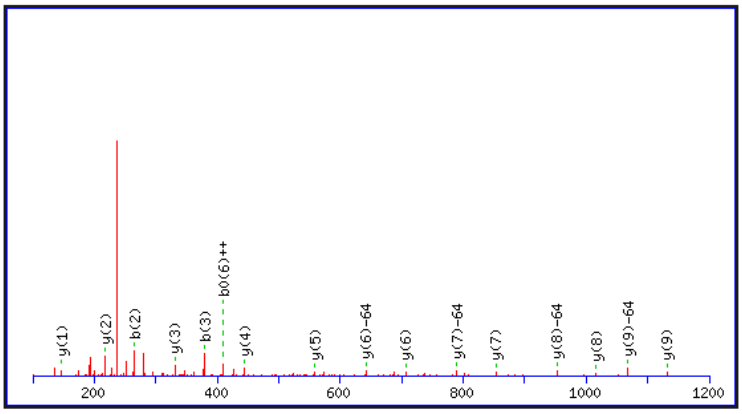
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					I							15
2	**215.14**	108.07			**197.13**	99.07	T	1535.80	768.40	1518.77	759.89	1517.78	759.40	14
3	344.18	172.59			**326.17**	163.59	E	**1434.75**	717.88	1417.72	709.36	1416.74	708.87	13
4	473.22	237.12			455.21	228.11	E	1305.70	653.36	1288.68	644.84	1287.69	644.35	12
5	530.25	265.63			512.24	256.62	G	**1176.66**	588.83	1159.64	580.32	1158.65	579.83	11
6	629.31	315.16			**611.30**	306.16	V	**1119.64**	560.32	1102.61	551.81	1101.63	551.32	10
7	730.36	365.68			712.35	356.68	T	**1020.57**	510.79	1003.55	502.28	1002.56	501.78	9
8	843.45	422.23			825.44	413.22	I	**919.52**	460.27	902.50	451.75	901.51	451.26	8
9	930.48	465.74			912.47	456.74	S	**806.44**	403.72	789.41	395.21	788.43	394.72	7
10	1058.54	529.77	1041.51	521.26	1040.53	520.77	Q	719.41	360.21	**702.38**	351.69			6
11	1155.59	578.30	1138.56	569.78	1137.58	569.29	P	**591.35**	296.18	574.32	287.67			5
12	1318.65	659.83	1301.63	651.32	1300.64	650.82	Y	494.30	247.65	477.27	239.14			4
13	1389.69	695.35	1372.66	686.84	1371.68	686.34	A	331.23	166.12	314.21	157.61			3
14	1502.77	751.89	1485.75	743.38	1484.76	742.89	L	260.20	130.60	243.17	122.09			2
15							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID414 **TFDYFMDLLAK**



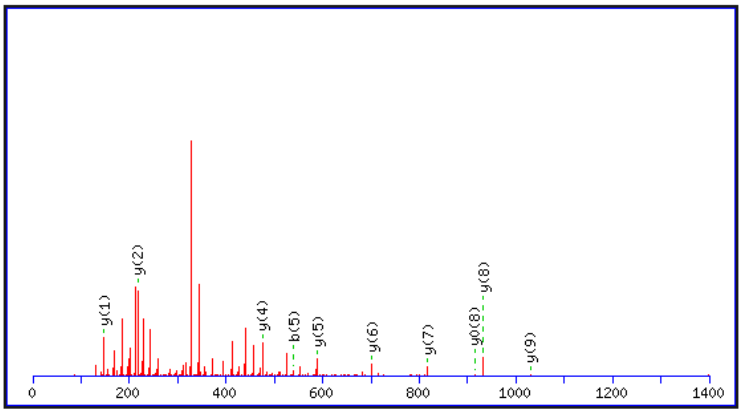
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	102.05	51.53	84.04	42.53	T							11
2	**249.12**	125.07	231.11	116.06	F	1278.61	639.81	1261.58	631.29	1260.60	630.80	10
3	**364.15**	182.58	**346.14**	173.57	D	**1131.54**	566.27	1114.51	557.76	1113.53	557.27	9
4	527.21	264.11	509.20	255.11	Y	**1016.51**	508.76	999.49	500.25	998.50	499.75	8
5	674.28	337.64	656.27	328.64	F	**853.45**	427.23	836.42	418.71	835.44	418.22	7
6	821.32	411.16	803.31	402.16	M	**706.38**	353.69	689.35	345.18	688.37	344.69	6
7	936.34	468.68	918.33	459.67	D	**559.34**	280.18	542.32	271.66	541.33	271.17	5
8	1049.43	525.22	1031.42	516.21	L	**444.32**	222.66	427.29	214.15			4
9	1162.51	581.76	1144.50	572.75	L	**331.23**	166.12	314.21	157.61			3
10	1233.55	617.28	1215.54	608.27	A	**218.15**	109.58	201.12	101.07			2
11					K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID415 **TYDYFMDLLAK**



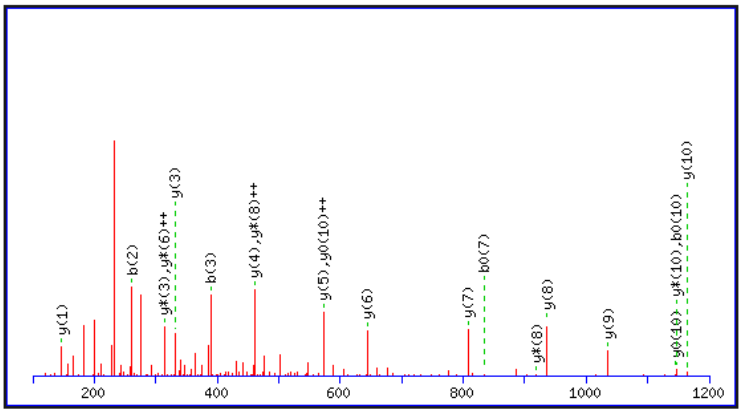
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	102.05	51.53	84.04	42.53	T							11
2	**265.12**	133.06	247.11	124.06	Y	1230.60	615.81	1213.58	607.29	1212.59	606.80	10
3	**380.15**	190.58	362.13	181.57	D	**1067.54**	534.27	1050.51	525.76	1049.53	525.27	9
4	543.21	272.11	525.20	263.10	Y	**952.51**	476.76	935.49	468.25	934.50	467.76	8
5	690.28	345.64	672.27	336.64	F	**789.45**	395.23	772.42	386.72	771.44	386.22	7
6	773.31	387.16	755.30	378.16	M	**642.38**	321.69	625.36	313.18	624.37	312.69	6
7	888.34	444.67	870.33	435.67	D	**559.34**	280.18	542.32	271.66	541.33	271.17	5
8	1001.43	501.22	983.41	492.21	L	**444.32**	222.66	427.29	214.15			4
9	1114.51	557.76	1096.50	548.75	L	**331.23**	166.12	314.21	157.61			3
10	1185.55	593.28	1167.54	584.27	A	**218.15**	109.58	201.12	101.07			2
11					K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID417 **VPDDLLEEAK**



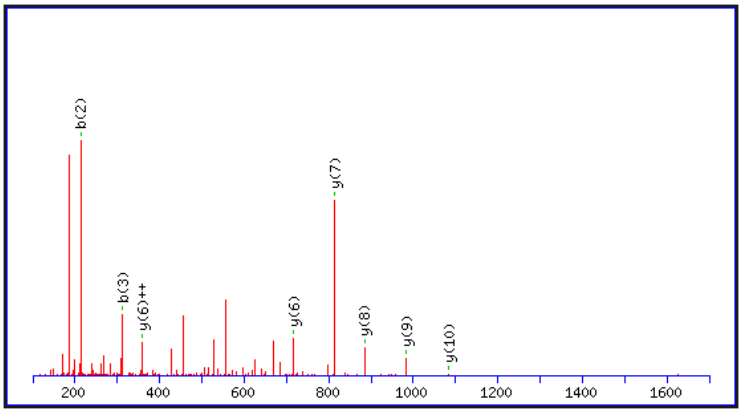
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	100.08	50.54			V							10
2	197.13	99.07			P	**1029.51**	515.26	1012.48	506.75	1011.50	506.25	9
3	312.16	156.58	294.14	147.58	D	**932.46**	466.73	915.43	458.22	**914.45**	457.73	8
4	427.18	214.09	409.17	205.09	D	**817.43**	409.22	800.40	400.71	799.42	400.21	7
5	**540.27**	270.64	522.26	261.63	L	**702.40**	351.71	685.38	343.19	684.39	342.70	6
6	653.35	327.18	635.34	318.17	L	**589.32**	295.16	572.29	286.65	571.31	286.16	5
7	782.39	391.70	764.38	382.69	E	**476.24**	238.62	459.21	230.11	458.22	229.62	4
8	911.44	456.22	893.43	447.22	E	347.19	174.10	330.17	165.59	329.18	165.09	3
9	982.47	491.74	964.46	482.73	A	**218.15**	109.58	201.12	101.07			2
10					K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID421 **LFQVEYAIEAIK**



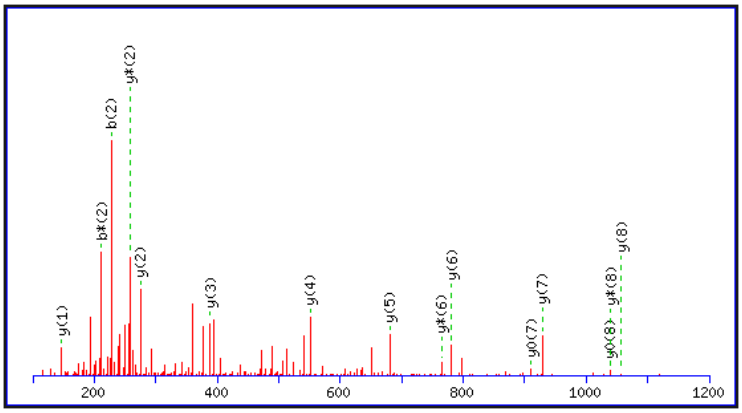
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					L							12
2	**261.16**	131.08					F	1310.70	655.85	1293.67	647.34	1292.69	646.85	11
3	**389.22**	195.11	372.19	186.60			Q	**1163.63**	582.32	**1146.60**	573.81	**1145.62**	**573.31**	10
4	488.29	244.65	471.26	236.13			V	**1035.57**	518.29	1018.55	509.78	1017.56	509.28	9
5	617.33	309.17	600.30	300.66	599.32	300.16	E	**936.50**	468.76	**919.48**	**460.24**	918.49	459.75	8
6	780.39	390.70	763.37	382.19	762.38	381.69	Y	**807.46**	404.23	790.43	395.72	789.45	395.23	7
7	851.43	426.22	834.40	417.71	**833.42**	417.21	A	**644.40**	322.70	627.37	**314.19**	626.39	313.70	6
8	964.51	482.76	947.49	474.25	946.50	473.76	I	**573.36**	287.18	556.33	278.67	555.35	278.18	5
9	1093.56	547.28	1076.53	538.77	1075.55	538.28	E	**460.28**	230.64	443.25	222.13	442.27	221.64	4
10	1164.59	582.80	1147.57	574.29	**1146.58**	573.80	A	**331.23**	166.12	**314.21**	157.61			3
11	1277.68	639.34	1260.65	630.83	1259.67	630.34	I	260.20	130.60	243.17	122.09			2
12							K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID423 **LVVAPPNFVIK**



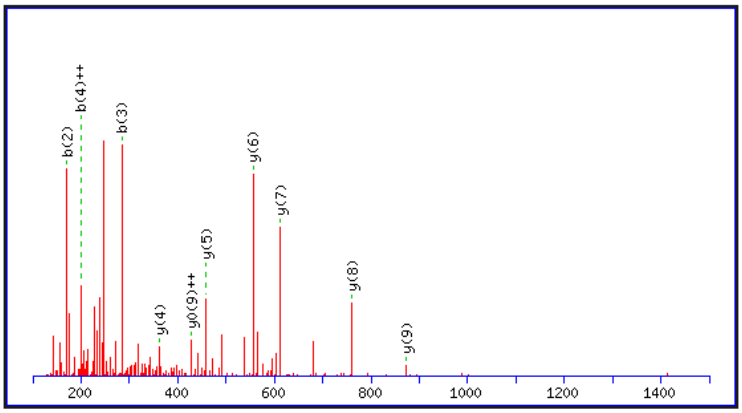
#	b	b^{++}	b*	b^{*++}	Seq.	y	y^{++}	y*	y^{*++}	#
1	114.09	57.55			L					11
2	**213.16**	107.08			V	**1083.66**	542.33	1066.63	533.82	10
3	**312.23**	156.62			V	**984.59**	492.80	967.56	484.28	9
4	383.27	192.14			A	**885.52**	443.26	868.49	434.75	8
5	480.32	240.66			P	**814.48**	407.74	797.46	399.23	7
6	577.37	289.19			P	**717.43**	**359.22**	700.40	350.71	6
7	691.41	346.21	674.39	337.70	N	620.38	310.69	603.35	302.18	5
8	838.48	419.74	821.46	411.23	F	506.33	253.67	489.31	245.16	4
9	937.55	469.28	920.52	460.77	V	359.27	180.14	342.24	171.62	3
10	1050.63	525.82	1033.61	517.31	I	260.20	130.60	243.17	122.09	2
11					K	147.11	74.06	130.09	65.55	1

MS/MS Fragmentation of ID424 **VQFTEYIQK**



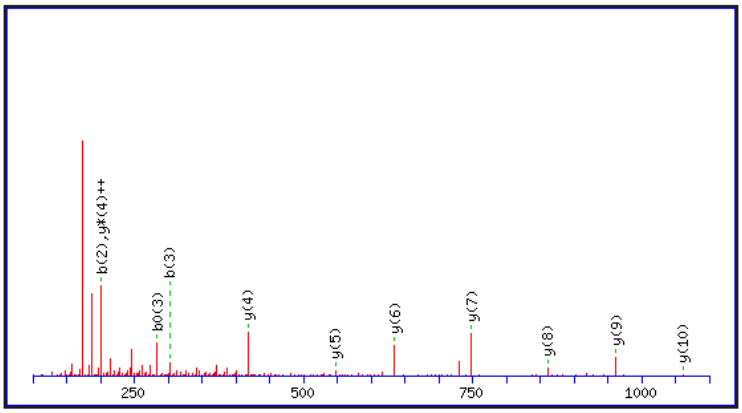
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	100.08	50.54					V							9
2	**228.13**	114.57	**211.11**	106.06			Q	**1056.54**	528.77	**1039.51**	520.26	**1038.53**	519.77	8
3	375.20	188.10	358.18	179.59			F	**928.48**	464.74	911.45	456.23	**910.47**	455.74	7
4	476.25	238.63	459.22	230.12	458.24	229.62	T	**781.41**	391.21	**764.38**	382.69	763.40	382.20	6
5	605.29	303.15	588.27	294.64	587.28	294.14	E	**680.36**	340.68	663.33	332.17	662.35	331.68	5
6	768.36	384.68	751.33	376.17	750.35	375.68	Y	**551.32**	276.16	534.29	267.65			4
7	881.44	441.22	864.41	432.71	863.43	432.22	I	**388.26**	194.63	371.23	186.12			3
8	1009.50	505.25	992.47	496.74	991.49	496.25	Q	**275.17**	138.09	**258.14**	129.58			2
9							K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID425 **GILLFGPPGTGK**



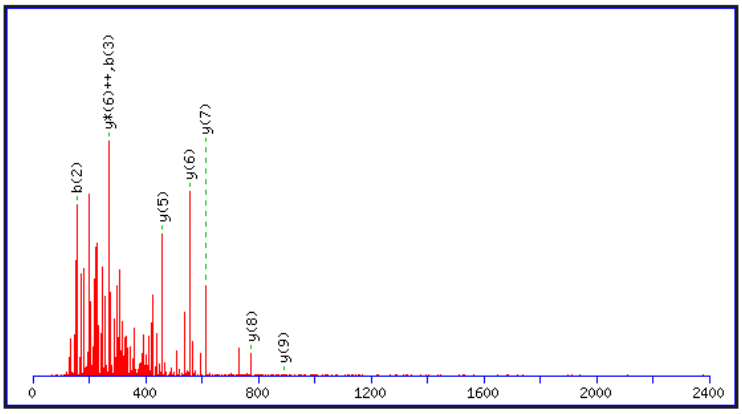
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	58.03	29.52			G							12
2	**171.11**	86.06			I	1099.65	550.33	1082.62	541.82	1081.64	541.32	11
3	**284.20**	142.60			L	986.57	493.79	969.54	485.27	968.56	484.78	10
4	397.28	**199.14**			L	**873.48**	437.25	856.46	428.73	855.47	**428.24**	9
5	544.35	272.68			F	**760.40**	380.70	743.37	372.19	742.39	371.70	8
6	601.37	301.19			G	**613.33**	307.17	596.30	298.66	595.32	298.16	7
7	698.42	349.72			P	**556.31**	278.66	539.28	270.14	538.30	269.65	6
8	795.48	398.24			P	**459.26**	230.13	442.23	221.62	441.25	221.13	5
9	852.50	426.75			G	**362.20**	181.61	345.18	173.09	344.19	172.60	4
10	953.55	477.28	935.53	468.27	T	305.18	153.09	288.16	144.58	287.17	144.09	3
11	1010.57	505.79	992.56	496.78	G	204.13	102.57	187.11	94.06			2
12					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID432 **TVTINSEGVSR**



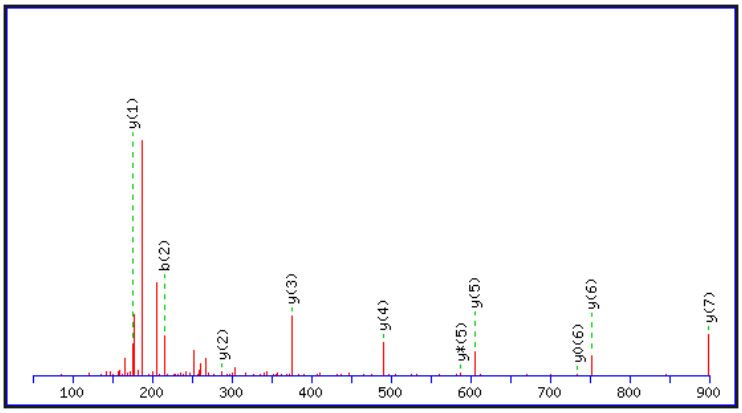
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	102.05	51.53			84.04	42.53	T							11
2	**201.12**	101.07			183.11	92.06	V	**1061.56**	531.28	1044.53	522.77	1043.55	522.28	10
3	**302.17**	151.59			**284.16**	142.58	T	**962.49**	481.75	945.46	473.24	944.48	472.74	9
4	415.26	208.13			397.24	199.13	I	**861.44**	431.22	844.42	422.71	843.43	422.22	8
5	529.30	265.15	512.27	256.64	511.29	256.15	N	**748.36**	374.68	731.33	366.17	730.35	365.68	7
6	616.33	308.67	599.30	300.16	598.32	299.66	S	**634.32**	317.66	617.29	309.15	616.30	308.66	6
7	745.37	373.19	728.35	364.68	727.36	364.18	E	**547.28**	274.15	530.26	265.63	529.27	265.14	5
8	802.39	401.70	785.37	393.19	784.38	392.70	G	**418.24**	209.62	401.21	**201.11**	400.23	200.62	4
9	901.46	451.23	884.44	442.72	883.45	442.23	V	361.22	181.11	344.19	172.60	343.21	172.11	3
10	988.49	494.75	971.47	486.24	970.48	485.75	S	262.15	131.58	245.12	123.07	244.14	122.57	2
11							R	175.12	88.06	158.09	79.55			1

MS/MS Fragmentation of ID438 **GVLIYGPPGTGK**



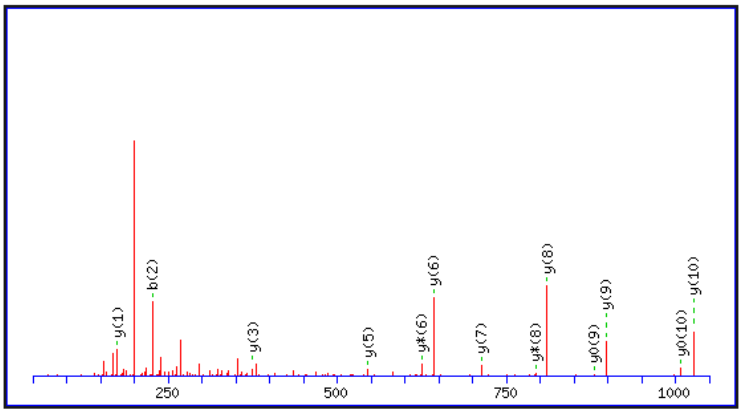
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	58.03	29.52			G							12
2	**157.10**	79.05			V	1101.63	551.32	1084.60	542.81	1083.62	542.31	11
3	**270.18**	135.59			L	1002.56	501.78	985.54	493.27	984.55	492.78	10
4	383.27	192.14			I	**889.48**	445.24	872.45	436.73	871.47	436.24	9
5	546.33	273.67			Y	**776.39**	388.70	759.37	380.19	758.38	379.70	8
6	603.35	302.18			G	**613.33**	307.17	596.30	298.66	595.32	298.16	7
7	700.40	350.71			P	**556.31**	278.66	539.28	**270.14**	538.30	269.65	6
8	797.46	399.23			P	**459.26**	230.13	442.23	221.62	441.25	221.13	5
9	854.48	427.74			G	362.20	181.61	345.18	173.09	344.19	172.60	4
10	955.52	478.27	937.51	469.26	T	305.18	153.09	288.16	144.58	287.17	144.09	3
11	1012.55	506.78	994.54	497.77	G	204.13	102.57	187.11	94.06			2
12					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID439 **TLFFDDSIR**



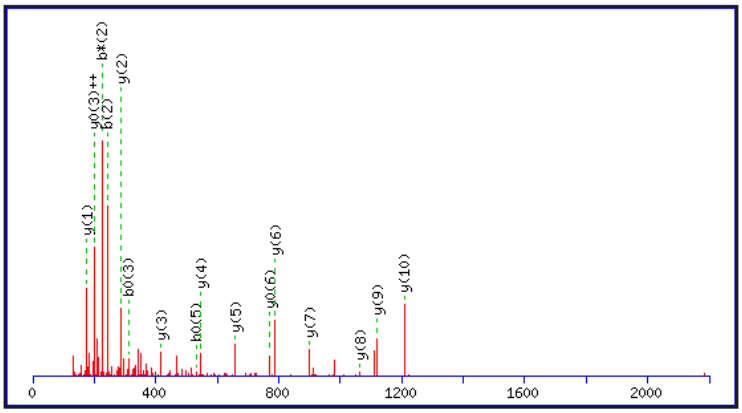
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	102.05	51.53	84.04	42.53	T							9
2	**215.14**	108.07	197.13	99.07	L	1012.51	506.76	995.48	498.25	994.50	497.75	8
3	362.21	181.61	344.20	172.60	F	**899.43**	450.22	882.40	441.70	881.42	441.21	7
4	509.28	255.14	491.27	246.14	F	**752.36**	376.68	735.33	368.17	**734.35**	367.68	6
5	624.30	312.66	606.29	303.65	D	**605.29**	303.15	**588.26**	294.63	587.28	294.14	5
6	739.33	370.17	721.32	361.16	D	**490.26**	245.63	473.24	237.12	472.25	236.63	4
7	826.36	413.68	808.35	404.68	S	**375.24**	188.12	358.21	179.61	357.22	179.12	3
8	939.45	470.23	921.44	461.22	I	**288.20**	144.61	271.18	136.09			2
9					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID452 **LIESPAPGIISR**



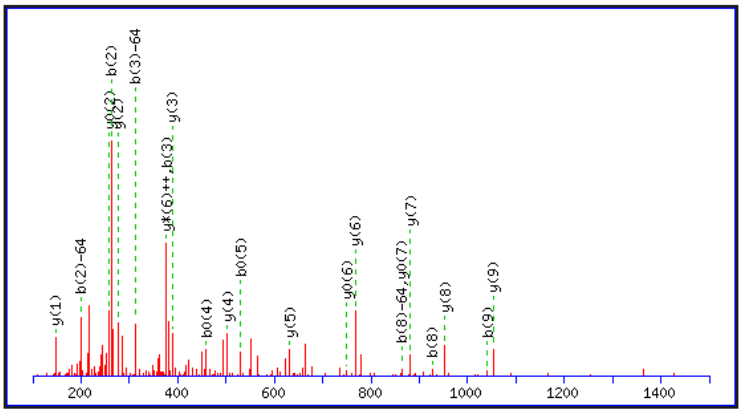
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			L							12
2	**227.18**	114.09			I	1139.64	570.32	1122.62	561.81	1121.63	561.32	11
3	356.22	178.61	338.21	169.61	E	**1026.56**	513.78	1009.53	505.27	**1008.55**	504.78	10
4	443.25	222.13	425.24	213.12	S	**897.52**	449.26	880.49	440.75	**879.50**	440.26	9
5	540.30	270.66	522.29	261.65	P	**810.48**	405.75	**793.46**	397.23	792.47	396.74	8
6	611.34	306.17	593.33	297.17	A	**713.43**	357.22	696.40	348.71	695.42	348.21	7
7	708.39	354.70	690.38	345.69	P	**642.39**	321.70	**625.37**	313.19	624.38	312.70	6
8	765.41	383.21	747.40	374.21	G	**545.34**	273.17	528.31	264.66	527.33	264.17	5
9	878.50	439.75	860.49	430.75	I	488.32	244.66	471.29	236.15	470.31	235.66	4
10	991.58	496.29	973.57	487.29	I	**375.24**	188.12	358.21	179.61	357.22	179.12	3
11	1078.61	539.81	1060.60	530.81	S	262.15	131.58	245.12	123.07	244.14	122.57	2
12					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID455 **NQSGYIEIEELR**



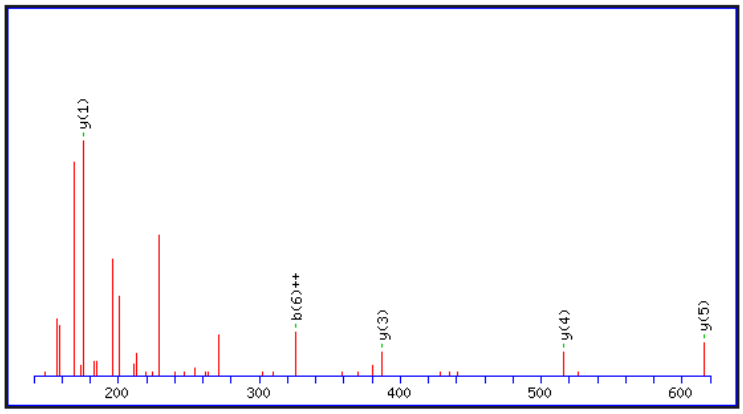
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	115.05	58.03	98.02	49.52			N							12
2	**243.11**	122.06	**226.08**	113.54			Q	1336.67	668.84	1319.65	660.33	1318.66	659.84	11
3	330.14	165.57	313.11	157.06	**312.13**	156.57	S	**1208.62**	604.81	1191.59	596.30	1190.61	595.81	10
4	387.16	194.08	370.14	185.57	369.15	185.08	G	**1121.58**	561.30	1104.56	552.78	1103.57	552.29	9
5	550.23	275.62	533.20	267.10	**532.22**	266.61	Y	**1064.56**	532.78	1047.54	524.27	1046.55	523.78	8
6	663.31	332.16	646.28	323.65	645.30	323.15	I	**901.50**	451.25	884.47	442.74	883.49	442.25	7
7	792.35	396.68	775.33	388.17	774.34	387.67	E	**788.41**	394.71	771.39	386.20	**770.40**	385.71	6
8	905.44	453.22	888.41	444.71	887.43	444.22	I	**659.37**	330.19	642.35	321.68	641.36	321.18	5
9	1034.48	517.74	1017.45	509.23	1016.47	508.74	E	**546.29**	273.65	529.26	265.13	528.28	264.64	4
10	1163.52	582.26	1146.49	573.75	1145.51	573.26	E	**417.25**	209.13	400.22	200.61	399.24	**200.12**	3
11	1276.61	638.81	1259.58	630.29	1258.59	629.80	L	**288.20**	144.61	271.18	136.09			2
12							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID456 **MDLTAIHEILEK**



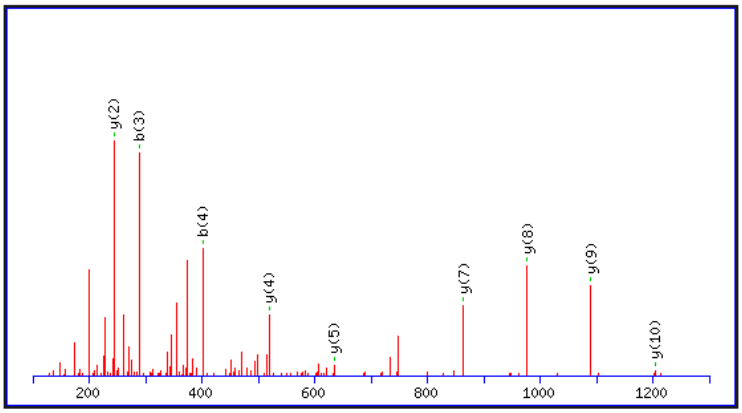
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	84.04	42.53			M							12
2	**199.07**	100.04	181.06	91.03	D	1281.70	641.36	1264.68	632.84	1263.69	632.35	11
3	**312.16**	156.58	294.14	147.58	L	1166.68	583.84	1149.65	575.33	1148.67	574.84	10
4	413.20	207.11	395.19	198.10	T	**1053.59**	527.30	1036.57	518.79	1035.58	518.30	9
5	484.24	242.62	466.23	233.62	A	**952.55**	476.78	935.52	468.26	934.54	467.77	8
6	597.32	299.17	579.31	290.16	I	**881.51**	441.26	864.48	432.74	**863.50**	432.25	7
7	734.38	367.70	716.37	358.69	H	**768.43**	384.72	751.40	**376.20**	**750.41**	375.71	6
8	**863.43**	432.22	845.42	423.21	E	**631.37**	316.19	614.34	307.67	613.36	307.18	5
9	976.51	488.76	958.50	479.75	I	**502.32**	251.67	485.30	243.15	484.31	242.66	4
10	1089.59	545.30	1071.58	536.30	L	**389.24**	195.12	372.21	186.61	371.23	186.12	3
11	1218.64	609.82	1200.63	600.82	E	**276.16**	138.58	259.13	130.07	**258.14**	129.58	2
12					K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID458 **LPVEVLR**



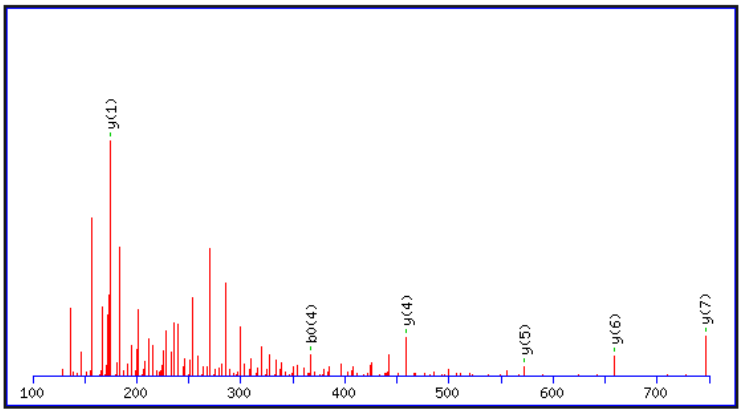
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			L							7
2	211.14	106.08			P	712.44	356.72	695.41	348.21	694.42	347.72	6
3	310.21	155.61			V	**615.38**	308.19	598.36	299.68	597.37	299.19	5
4	439.26	220.13	421.24	211.13	E	**516.31**	258.66	499.29	250.15	498.30	249.66	4
5	538.32	269.67	520.31	260.66	V	**387.27**	194.14	370.24	185.63			3
6	651.41	**326.21**	633.40	317.20	L	288.20	144.61	271.18	136.09			2
7					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID459 **SSNILLDDDFQPK**



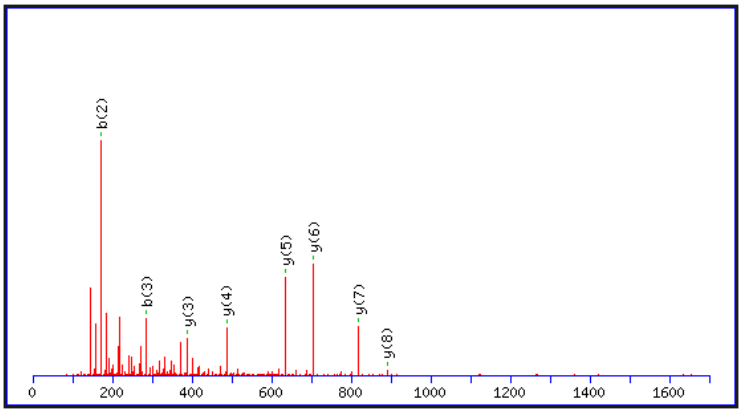
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.04	44.52			70.03	35.52	S							13
2	175.07	88.04			157.06	79.03	S	1404.70	702.85	1387.67	694.34	1386.69	693.85	12
3	**289.11**	145.06	272.09	136.55	271.10	136.06	N	1317.67	659.34	1300.64	650.82	1299.66	650.33	11
4	**402.20**	201.60	385.17	193.09	384.19	192.60	I	**1203.63**	602.32	1186.60	593.80	1185.61	593.31	10
5	515.28	258.14	498.26	249.63	497.27	249.14	L	**1090.54**	545.77	1073.51	537.26	1072.53	536.77	9
6	628.37	314.69	611.34	306.17	610.36	305.68	L	**977.46**	489.23	960.43	480.72	959.45	480.23	8
7	743.39	372.20	726.37	363.69	725.38	363.20	D	**864.37**	432.69	847.35	424.18	846.36	423.69	7
8	858.42	429.71	841.39	421.20	840.41	420.71	D	749.35	375.18	732.32	366.66	731.34	366.17	6
9	973.45	487.23	956.42	478.71	955.44	478.22	D	**634.32**	317.66	617.29	309.15	616.31	308.66	5
10	1120.52	560.76	1103.49	552.25	1102.51	551.76	F	**519.29**	260.15	502.27	251.64			4
11	1248.57	624.79	1231.55	616.28	1230.56	615.79	Q	372.22	186.62	355.20	178.10			3
12	1345.63	673.32	1328.60	664.80	1327.62	664.31	P	**244.17**	122.59	227.14	114.07			2
13							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID460 **IPSSIGNLR**



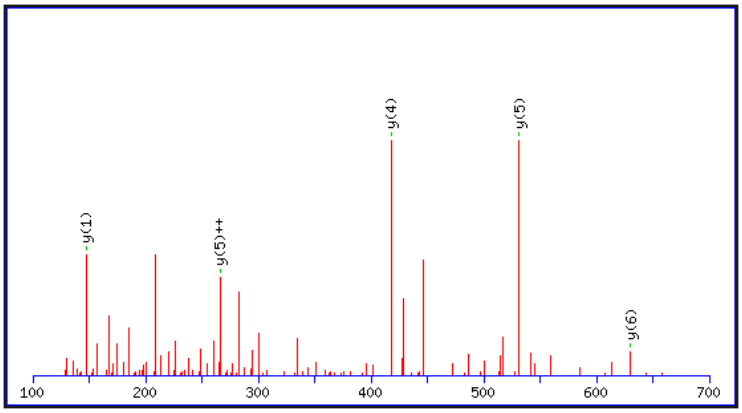
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					I							9
2	211.14	106.08					P	843.47	422.24	826.44	413.72	825.46	413.23	8
3	298.18	149.59			280.17	140.59	S	**746.42**	373.71	729.39	365.20	728.40	364.71	7
4	385.21	193.11			**367.20**	184.10	S	**659.38**	330.20	642.36	321.68	641.37	321.19	6
5	498.29	249.65			480.28	240.64	I	**572.35**	286.68	555.32	278.17			5
6	555.31	278.16			537.30	269.16	G	**459.27**	230.14	442.24	221.62			4
7	669.36	335.18	652.33	326.67	651.35	326.18	N	402.25	201.63	385.22	193.11			3
8	782.44	391.72	765.41	383.21	764.43	382.72	L	288.20	144.61	271.18	136.09			2
9							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID461 **TALAFVTLR**



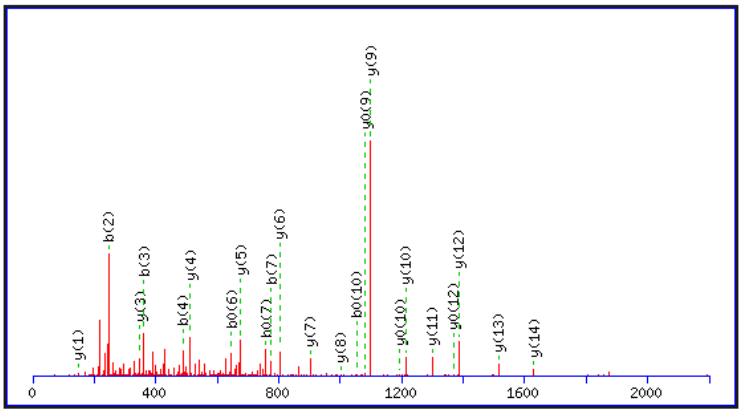
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	102.05	51.53	84.04	42.53	T							9
2	**173.09**	87.05	155.08	78.04	A	**890.55**	445.78	873.52	437.26	872.54	436.77	8
3	**286.18**	143.59	268.17	134.59	L	**819.51**	410.26	802.48	401.74	801.50	401.25	7
4	357.21	179.11	339.20	170.10	A	**706.42**	353.72	689.40	345.20	688.41	344.71	6
5	504.28	252.64	486.27	243.64	F	**635.39**	318.20	618.36	309.68	617.38	309.19	5
6	603.35	302.18	585.34	293.17	V	**488.32**	244.66	471.29	236.15	470.31	235.66	4
7	704.40	352.70	686.39	343.70	T	**389.25**	195.13	372.22	186.62	371.24	186.12	3
8	817.48	409.24	799.47	400.24	L	288.20	144.61	271.18	136.09			2
9					R	175.12	88.06	158.09	79.55			1

MS/MS Fragmentation of ID465 **STGVIALSK**



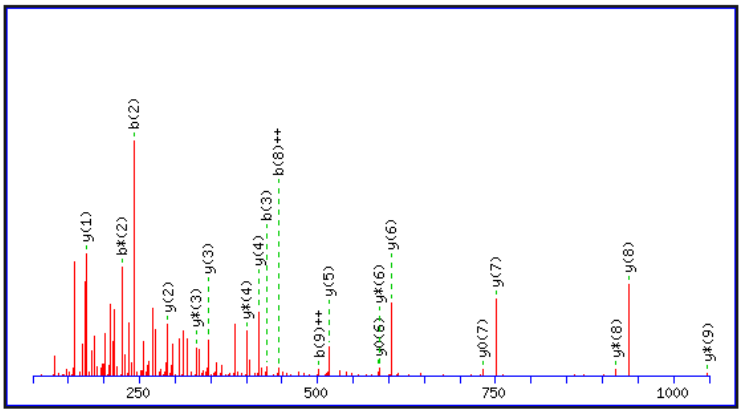
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	130.05	65.53	112.04	56.52	S							9
2	231.10	116.05	213.09	107.05	T	788.49	394.75	771.46	386.23	770.48	385.74	8
3	288.12	144.56	270.11	135.56	G	687.44	344.22	670.41	335.71	669.43	335.22	7
4	387.19	194.10	369.18	185.09	V	**630.42**	315.71	613.39	307.20	612.41	306.71	6
5	500.27	250.64	482.26	241.63	I	**531.35**	**266.18**	514.32	257.67	513.34	257.17	5
6	571.31	286.16	553.30	277.15	A	**418.27**	209.64	401.24	201.12	400.26	200.63	4
7	684.39	342.70	666.38	333.69	L	347.23	174.12	330.20	165.60	329.22	165.11	3
8	771.42	386.22	753.41	377.21	S	234.14	117.58	217.12	109.06	216.13	108.57	2
9					K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID468 **VFLESSLPVVEYYDSK**



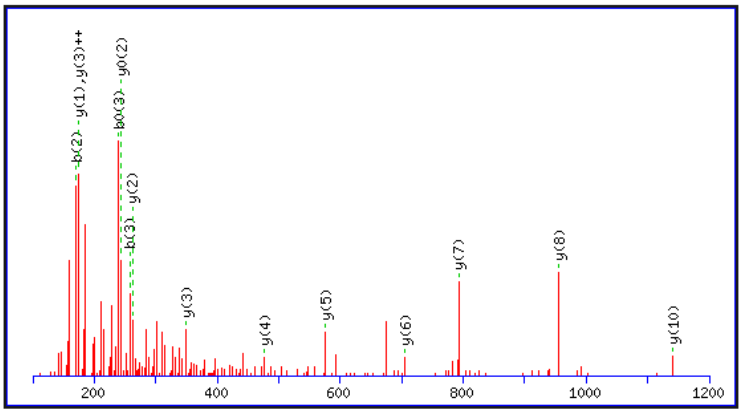
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	100.08	50.54			V							16
2	**247.14**	124.08			F	1775.87	888.44	1758.85	879.93	1757.86	879.44	15
3	**360.23**	180.62			L	**1628.81**	814.91	1611.78	806.39	1610.79	805.90	14
4	**489.27**	245.14	471.26	236.13	E	**1515.72**	758.36	1498.69	749.85	1497.71	749.36	13
5	576.30	288.66	558.29	279.65	S	**1386.68**	693.84	1369.65	685.33	**1368.67**	684.84	12
6	663.33	332.17	**645.32**	323.17	S	**1299.65**	650.33	1282.62	641.81	1281.64	641.32	11
7	**776.42**	388.71	**758.41**	379.71	L	**1212.61**	606.81	1195.59	598.30	**1194.60**	597.81	10
8	873.47	437.24	855.46	428.23	P	**1099.53**	550.27	1082.50	541.76	**1081.52**	541.26	9
9	972.54	486.77	954.53	477.77	V	**1002.48**	501.74	985.45	493.23	984.47	492.74	8
10	1071.61	536.31	**1053.60**	527.30	V	**903.41**	452.21	886.38	443.70	885.40	443.20	7
11	1200.65	600.83	1182.64	591.82	E	**804.34**	402.67	787.31	394.16	786.33	393.67	6
12	1363.71	682.36	1345.70	673.36	Y	**675.30**	338.15	658.27	329.64	657.29	329.15	5
13	1526.78	763.89	1508.77	754.89	Y	**512.24**	256.62	495.21	248.11	494.22	247.62	4
14	1641.80	821.41	1623.79	812.40	D	**349.17**	175.09	332.15	166.58	331.16	166.08	3
15	1728.84	864.92	1710.83	855.92	S	234.14	117.58	217.12	109.06	216.13	108.57	2
16					K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID470 **LQWFSVAGNR**



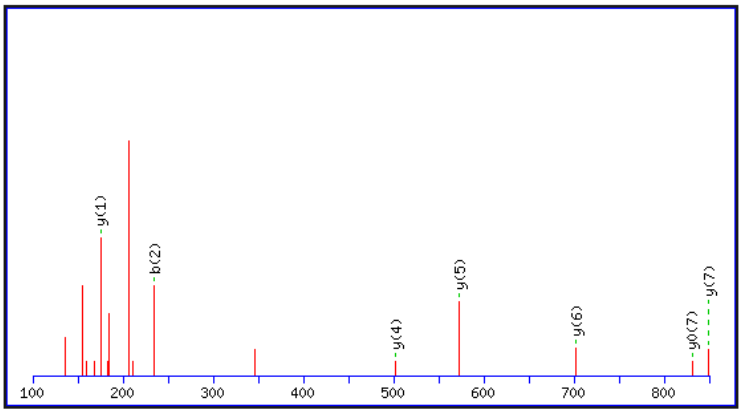
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					L							10
2	**242.15**	121.58	**225.12**	113.07			Q	1064.53	532.77	**1047.50**	524.25	1046.52	523.76	9
3	**428.23**	214.62	411.20	206.10			W	**936.47**	468.74	**919.44**	460.22	918.46	459.73	8
4	575.30	288.15	558.27	279.64			F	**750.39**	375.70	733.36	367.19	**732.38**	366.69	7
5	662.33	331.67	645.30	323.16	644.32	322.66	S	**603.32**	302.16	**586.29**	293.65	**585.31**	293.16	6
6	761.40	381.20	744.37	372.69	743.39	372.20	V	**516.29**	258.65	499.26	250.13			5
7	832.44	416.72	815.41	408.21	814.42	407.72	A	**417.22**	209.11	**400.19**	200.60			4
8	889.46	**445.23**	872.43	436.72	871.45	436.23	G	**346.18**	173.60	**329.16**	165.08			3
9	1003.50	**502.25**	986.47	493.74	985.49	493.25	N	**289.16**	145.08	272.14	136.57			2
10							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID472 **VASVYSEVQSSR**



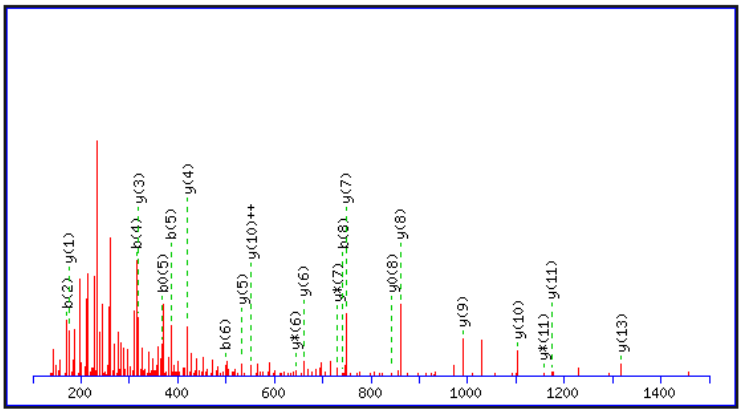
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	100.08	50.54					V							12
2	**171.11**	86.06					A	1212.59	606.80	1195.56	598.28	1194.57	597.79	11
3	**258.14**	129.58			**240.13**	120.57	S	**1141.55**	571.28	1124.52	562.76	1123.54	562.27	10
4	357.21	179.11			339.20	170.10	V	1054.52	527.76	1037.49	519.25	1036.51	518.76	9
5	520.28	260.64			502.27	251.64	Y	**955.45**	478.23	938.42	469.71	937.44	469.22	8
6	607.31	304.16			589.30	295.15	S	**792.38**	396.70	775.36	388.18	774.37	387.69	7
7	736.35	368.68			718.34	359.67	E	**705.35**	353.18	688.33	344.67	687.34	344.17	6
8	835.42	418.21			817.41	409.21	V	**576.31**	288.66	559.28	280.15	558.30	279.65	5
9	963.48	482.24	946.45	473.73	945.47	473.24	Q	**477.24**	239.12	460.22	230.61	459.23	230.12	4
10	1050.51	525.76	1033.48	517.25	1032.50	516.75	S	**349.18**	**175.10**	332.16	166.58	331.17	166.09	3
11	1137.54	569.27	1120.52	560.76	1119.53	560.27	S	**262.15**	131.58	245.12	123.07	**244.14**	122.57	2
12							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID473 **AYFEALTLR**



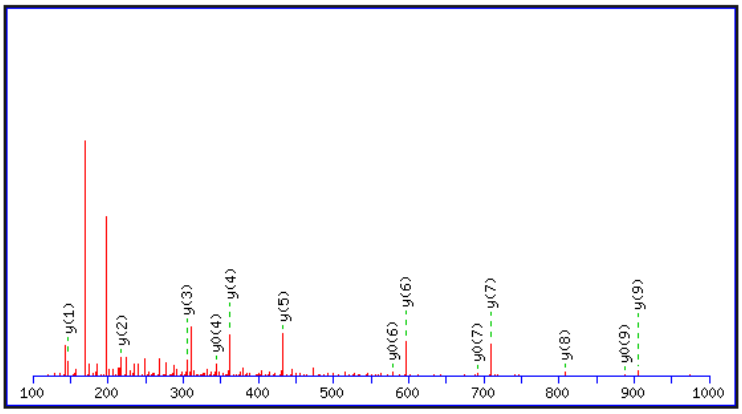
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53			A							9
2	**235.11**	118.06			Y	1012.55	506.78	995.52	498.26	994.54	497.77	8
3	382.18	191.59			F	**849.48**	425.25	832.46	416.73	**831.47**	416.24	7
4	511.22	256.11	493.21	247.11	E	**702.41**	351.71	685.39	343.20	684.40	342.71	6
5	582.26	291.63	564.25	282.63	A	**573.37**	287.19	556.35	278.68	555.36	278.18	5
6	695.34	348.17	677.33	339.17	L	**502.33**	251.67	485.31	243.16	484.32	242.67	4
7	796.39	398.70	778.38	389.69	T	389.25	195.13	372.22	186.62	371.24	186.12	3
8	909.47	455.24	891.46	446.23	L	288.20	144.61	271.18	136.09			2
9					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID488 **AVGSALELSQITGSR**



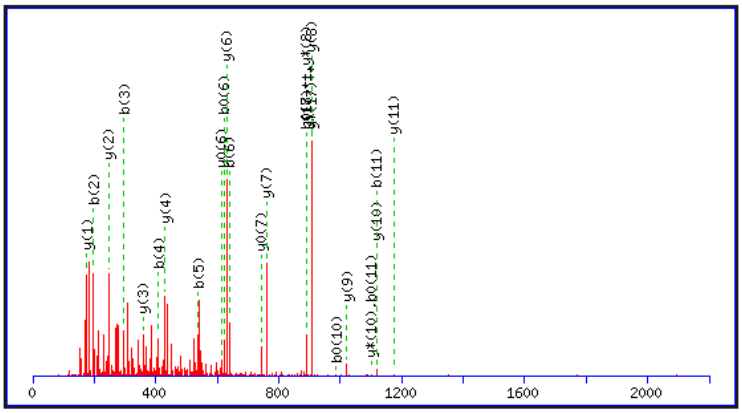
#	b	b^{++}	b*	b^{*++}	b^0	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^0	y^{0++}	#
1	72.04	36.53					A							15
2	**171.11**	86.06					V	1417.76	709.39	1400.74	700.87	1399.75	700.38	14
3	228.13	114.57					G	**1318.70**	659.85	1301.67	651.34	1300.69	650.85	13
4	**315.17**	158.09			297.16	149.08	S	1261.67	631.34	1244.65	622.83	1243.66	622.34	12
5	**386.20**	193.61			**368.19**	184.60	A	**1174.64**	587.82	**1157.62**	579.31	1156.63	578.82	11
6	**499.29**	250.15			481.28	241.14	L	**1103.61**	**552.31**	1086.58	543.79	1085.59	543.30	10
7	628.33	314.67			610.32	305.66	E	**990.52**	495.76	973.49	487.25	972.51	486.76	9
8	**741.41**	371.21			723.40	362.21	L	**861.48**	431.24	844.45	422.73	**843.47**	422.24	8
9	828.45	414.73			810.44	405.72	S	**748.39**	374.70	**731.37**	366.19	730.38	365.70	7
10	956.50	478.76	939.48	470.24	938.49	469.75	Q	**661.36**	331.19	**644.34**	322.67	643.35	322.18	6
11	1069.59	535.30	1052.56	526.78	1051.58	526.29	I	**533.30**	267.16	516.28	258.64	515.29	258.15	5
12	1170.64	585.82	1153.61	577.31	1152.63	576.82	T	**420.22**	210.61	403.19	202.10	402.21	201.61	4
13	1227.66	614.33	1210.63	605.82	1209.65	605.33	G	**319.17**	160.09	302.15	151.58	301.16	151.08	3
14	1314.69	657.85	1297.66	649.34	1296.68	648.84	S	262.15	131.58	245.12	123.07	244.14	122.57	2
15							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID489 **GLVPVLYAGSAK**



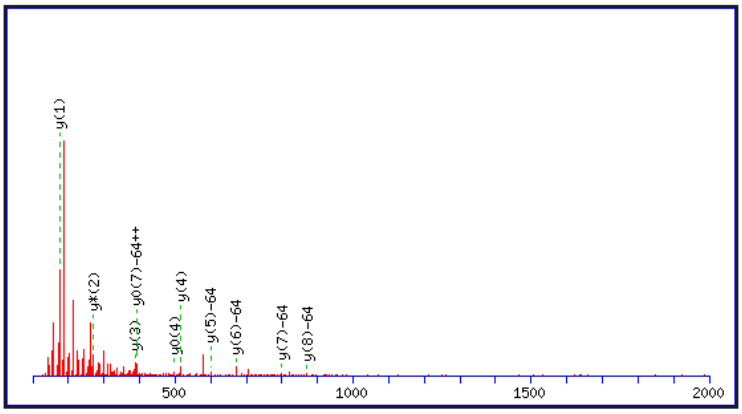
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	58.03	29.52			G							12
2	171.11	86.06			L	1117.66	559.33	1100.63	550.82	1099.65	550.33	11
3	270.18	135.59			V	1004.58	502.79	987.55	494.28	986.57	493.79	10
4	367.23	184.12			P	**905.51**	453.26	888.48	444.74	**887.50**	444.25	9
5	466.30	233.65			V	**808.46**	404.73	791.43	396.22	790.45	395.73	8
6	579.39	290.20			L	**709.39**	355.20	692.36	346.68	**691.38**	346.19	7
7	742.45	371.73			Y	**596.30**	298.66	579.28	290.14	**578.29**	289.65	6
8	813.49	407.25			A	**433.24**	217.12	416.21	208.61	415.23	208.12	5
9	870.51	435.76			G	**362.20**	181.61	345.18	173.09	**344.19**	172.60	4
10	957.54	479.27	939.53	470.27	S	**305.18**	153.09	288.16	144.58	287.17	144.09	3
11	1028.58	514.79	1010.57	505.79	A	**218.15**	109.58	201.12	101.07			2
12					K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID490 **VPVLETPDGPIFESNAIAR**



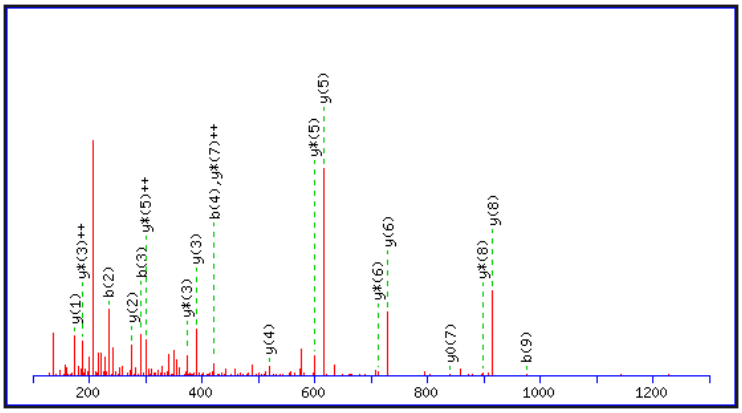
#	b	b^{++}	b*	b*$^{++}$	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y*$^{++}$	y^{0}	y^{0++}	#
1	100.08	50.54					V							19
2	**197.13**	99.07					P	1926.00	963.50	1908.97	954.99	1907.99	954.50	18
3	**296.20**	148.60					V	1828.94	914.98	1811.92	**906.46**	1810.93	905.97	17
4	**409.28**	205.14					L	1729.88	865.44	1712.85	856.93	1711.86	856.44	16
5	**538.32**	269.67			520.31	260.66	E	1616.79	808.90	1599.76	800.39	1598.78	799.89	15
6	**639.37**	320.19			**621.36**	311.18	T	1487.75	744.38	1470.72	735.86	1469.74	735.37	14
7	736.42	368.72			718.41	359.71	P	1386.70	693.85	1369.67	685.34	1368.69	684.85	13
8	851.45	426.23			833.44	417.22	D	1289.65	645.33	1272.62	636.81	1271.64	636.32	12
9	908.47	454.74			**890.46**	445.73	G	**1174.62**	587.81	1157.59	579.30	1156.61	578.81	11
10	1005.53	503.27			**987.51**	494.26	P	**1117.60**	559.30	**1100.57**	550.79	1099.59	550.30	10
11	**1118.61**	559.81			**1100.60**	550.80	I	**1020.55**	510.78	1003.52	502.26	1002.54	501.77	9
12	1265.68	633.34			1247.67	624.34	F	**907.46**	454.24	**890.44**	445.72	**889.45**	445.23	8
13	1394.72	697.86			1376.71	688.86	E	**760.39**	380.70	743.37	372.19	**742.38**	371.70	7
14	1481.75	741.38			1463.74	732.37	S	**631.35**	316.18	614.33	307.67	**613.34**	307.17	6
15	1595.80	798.40	1578.77	789.89	1577.78	789.40	N	544.32	272.66	527.29	264.15			5
16	1666.83	833.92	1649.81	825.41	1648.82	824.91	A	**430.28**	215.64	413.25	207.13			4
17	1779.92	**890.46**	1762.89	881.95	1761.91	881.46	I	**359.24**	180.12	342.21	171.61			3
18	1850.95	925.98	1833.93	917.47	1832.94	916.98	A	**246.16**	123.58	229.13	115.07			2
19							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID493 **VAEAMEVLR**



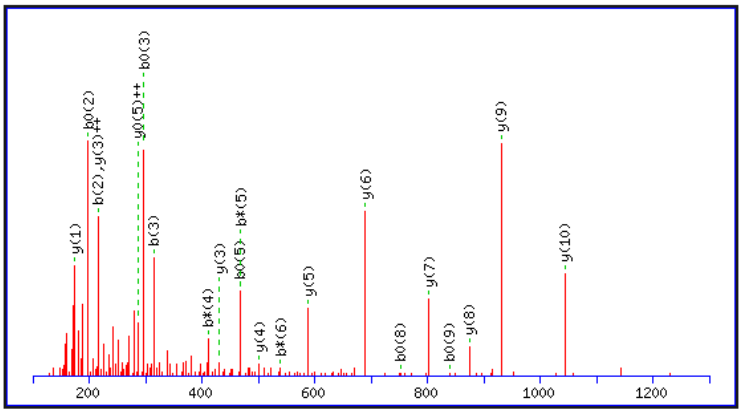
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	100.08	50.54			V							9
2	171.11	86.06			A	**870.47**	435.74	853.44	427.22	852.46	426.73	8
3	300.16	150.58	282.14	141.58	E	**799.43**	400.22	782.40	391.71	781.42	**391.21**	7
4	371.19	186.10	353.18	177.09	A	**670.39**	335.70	653.36	327.18	652.38	326.69	6
5	454.23	227.62	436.22	218.61	M	**599.35**	300.18	582.32	291.67	581.34	291.17	5
6	583.27	292.14	565.26	283.13	E	**516.31**	258.66	499.29	250.15	**498.30**	249.66	4
7	682.34	341.67	664.33	332.67	V	**387.27**	194.14	370.24	185.63			3
8	795.42	398.22	777.41	389.21	L	288.20	144.61	**271.18**	136.09			2
9					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID496 **AYGELPENTR**



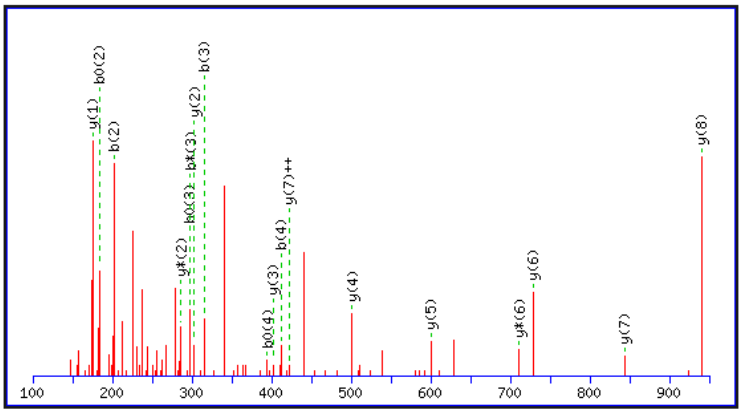
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53					A							10
2	**235.11**	118.06					Y	1078.52	539.76	1061.49	531.25	1060.51	530.76	9
3	**292.13**	146.57					G	**915.45**	458.23	**898.43**	449.72	897.44	449.22	8
4	**421.17**	211.09			403.16	202.08	E	858.43	429.72	841.41	**421.21**	**840.42**	420.71	7
5	534.26	267.63			516.25	258.63	L	**729.39**	365.20	**712.36**	356.68	711.38	356.19	6
6	631.31	316.16			613.30	307.15	P	**616.30**	308.66	**599.28**	**300.14**	598.29	299.65	5
7	760.35	380.68			742.34	371.67	E	**519.25**	260.13	502.23	251.62	501.24	251.12	4
8	874.39	437.70	857.37	429.19	856.38	428.70	N	**390.21**	195.61	**373.18**	**187.10**	372.20	186.60	3
9	**975.44**	488.22	958.42	479.71	957.43	479.22	T	**276.17**	138.59	259.14	130.07	258.16	129.58	2
10							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID503 **QSVLGAITSAQQR**



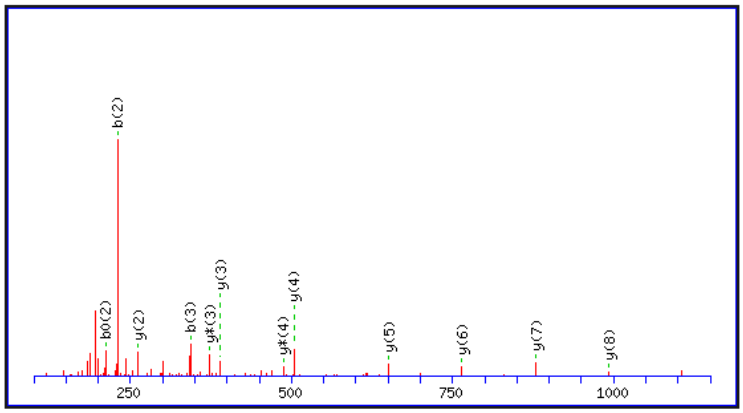
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	129.07	65.04	112.04	56.52			Q							13
2	**216.10**	108.55	199.07	100.04	**198.09**	99.55	S	1230.68	615.84	1213.65	607.33	1212.67	606.84	12
3	**315.17**	158.09	298.14	149.57	**297.16**	149.08	V	1143.65	572.33	1126.62	563.81	1125.64	563.32	11
4	428.25	214.63	**411.22**	206.12	410.24	205.62	L	**1044.58**	522.79	1027.55	514.28	1026.57	513.79	10
5	485.27	243.14	**468.25**	234.63	**467.26**	234.13	G	**931.50**	466.25	914.47	457.74	913.48	457.25	9
6	556.31	278.66	**539.28**	270.14	538.30	269.65	A	**874.47**	437.74	857.45	429.23	856.46	428.74	8
7	669.39	335.20	652.37	326.69	651.38	326.19	I	**803.44**	402.22	786.41	393.71	785.43	393.22	7
8	770.44	385.72	753.41	377.21	**752.43**	376.72	T	**690.35**	345.68	673.33	337.17	672.34	336.67	6
9	857.47	429.24	840.45	420.73	**839.46**	420.23	S	**589.31**	295.16	572.28	286.64	571.29	**286.15**	5
10	928.51	464.76	911.48	456.25	910.50	455.75	A	**502.27**	251.64	485.25	243.13			4
11	1056.57	528.79	1039.54	520.27	1038.56	519.78	Q	**431.24**	**216.12**	414.21	207.61			3
12	1184.63	592.82	1167.60	584.30	1166.62	583.81	Q	303.18	152.09	**286.15**	143.58			2
13							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID504 **NSLPDQVVVQR**



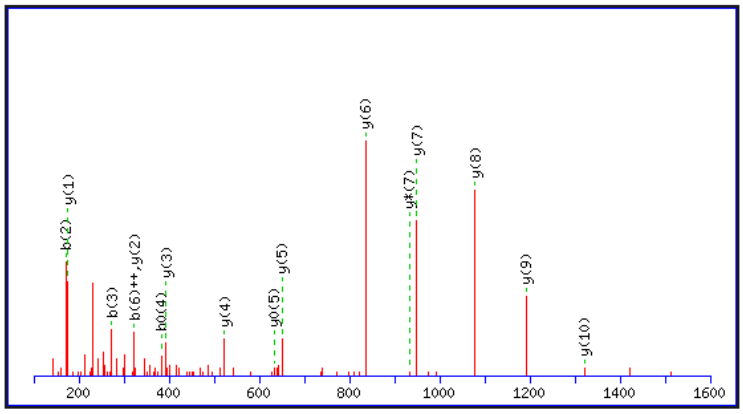
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	115.05	58.03	98.02	49.52			N							11
2	**202.08**	101.54	185.06	93.03	**184.07**	92.54	S	1140.64	570.82	1123.61	562.31	1122.63	561.82	10
3	**315.17**	158.09	**298.14**	149.57	**297.16**	149.08	L	1053.61	527.31	1036.58	518.79	1035.59	518.30	9
4	**412.22**	206.61	395.19	198.10	**394.21**	197.61	P	**940.52**	470.76	923.49	462.25	922.51	461.76	8
5	527.25	264.13	510.22	255.61	509.24	255.12	D	**843.47**	**422.24**	826.44	413.72	825.46	413.23	7
6	655.30	328.16	638.28	319.64	637.29	319.15	Q	**728.44**	364.72	**711.41**	356.21			6
7	754.37	377.69	737.35	369.18	736.36	368.68	V	**600.38**	300.70	583.36	292.18			5
8	853.44	427.22	836.41	418.71	835.43	418.22	V	**501.31**	251.16	484.29	242.65			4
9	952.51	476.76	935.48	468.25	934.50	467.75	V	**402.25**	201.63	385.22	193.11			3
10	1080.57	540.79	1063.54	532.27	1062.56	531.78	Q	**303.18**	152.09	**286.15**	143.58			2
11							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID506 **TQIIDLFNQDK**



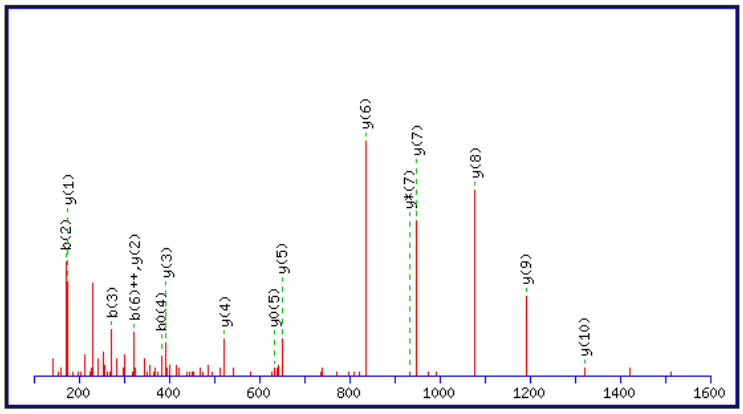
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	102.05	51.53			84.04	42.53	T							11
2	**230.11**	115.56	213.09	107.05	**212.10**	106.56	Q	1233.65	617.33	1216.62	608.81	1215.64	608.32	10
3	**343.20**	172.10	326.17	163.59	325.19	163.10	I	1105.59	553.30	1088.56	544.78	1087.58	544.29	9
4	456.28	228.64	439.26	220.13	438.27	219.64	I	**992.50**	496.76	975.48	488.24	974.49	487.75	8
5	571.31	286.16	554.28	277.64	553.30	277.15	D	**879.42**	440.21	862.39	431.70	861.41	431.21	7
6	684.39	342.70	667.37	334.19	666.38	333.69	L	**764.39**	382.70	747.37	374.19	746.38	373.70	6
7	831.46	416.23	814.43	407.72	813.45	407.23	F	**651.31**	326.16	634.28	317.65	633.30	317.15	5
8	945.50	473.26	928.48	464.74	927.49	464.25	N	**504.24**	252.62	**487.21**	244.11	486.23	243.62	4
9	1073.56	537.28	1056.54	528.77	1055.55	528.28	Q	**390.20**	195.60	**373.17**	187.09	372.19	186.60	3
10	1188.59	594.80	1171.56	586.29	1170.58	585.79	D	**262.14**	131.57	245.11	123.06	244.13	122.57	2
11							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID507 **VATELELWQEAFR**



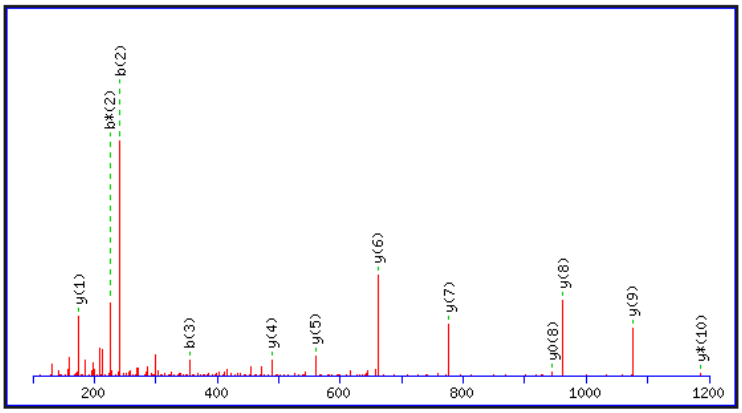
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	100.08	50.54					V							13
2	**171.11**	86.06					A	1492.74	746.88	1475.72	738.36	1474.73	737.87	12
3	**272.16**	136.58			254.15	127.58	T	1421.71	711.36	1404.68	702.84	1403.70	702.35	11
4	401.20	201.11			**383.19**	192.10	E	**1320.66**	660.83	1303.63	652.32	1302.65	651.83	10
5	514.29	257.65			496.28	248.64	L	**1191.62**	596.31	1174.59	587.80	1173.61	587.31	9
6	643.33	**322.17**			625.32	313.16	E	**1078.53**	539.77	1061.51	531.26	1060.52	530.76	8
7	756.41	378.71			738.40	369.71	L	**949.49**	475.25	**932.46**	466.73	931.48	466.24	7
8	942.49	471.75			924.48	462.74	W	**836.40**	418.71	819.38	410.19	818.39	409.70	6
9	1070.55	535.78	1053.53	527.27	1052.54	526.77	Q	**650.33**	325.67	633.30	317.15	**632.32**	316.66	5
10	1199.59	600.30	1182.57	591.79	1181.58	591.30	E	**522.27**	261.64	505.24	253.12	504.26	252.63	4
11	1270.63	635.82	1253.60	627.31	1252.62	626.81	A	**393.22**	197.12	376.20	188.60			3
12	1417.70	709.35	1400.67	700.84	1399.69	700.35	F	**322.19**	161.60	305.16	153.08			2
13							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID508 **VATELELWQEAFR**



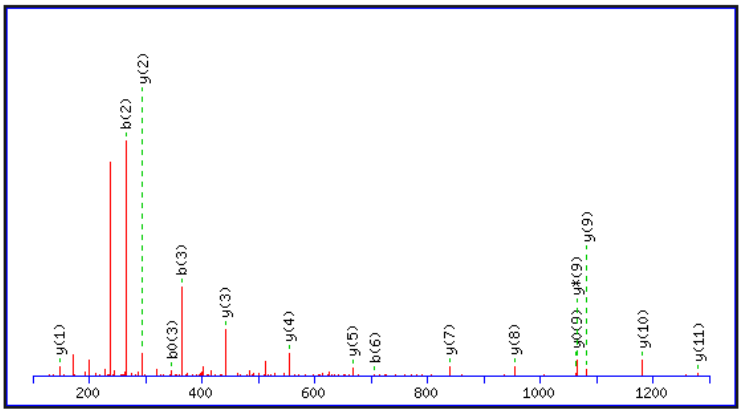
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	100.08	50.54					V							13
2	**171.11**	86.06					A	1492.74	746.88	1475.72	738.36	1474.73	737.87	12
3	**272.16**	136.58			254.15	127.58	T	1421.71	711.36	1404.68	702.84	1403.70	702.35	11
4	401.20	201.11			**383.19**	192.10	E	**1320.66**	660.83	1303.63	652.32	1302.65	651.83	10
5	514.29	257.65			496.28	248.64	L	**1191.62**	596.31	1174.59	587.80	1173.61	587.31	9
6	643.33	**322.17**			625.32	313.16	E	**1078.53**	539.77	1061.51	531.26	1060.52	530.76	8
7	756.41	378.71			738.40	369.71	L	**949.49**	475.25	**932.46**	466.73	931.48	466.24	7
8	942.49	471.75			924.48	462.74	W	**836.40**	418.71	819.38	410.19	818.39	409.70	6
9	1070.55	535.78	1053.53	527.27	1052.54	526.77	Q	**650.33**	325.67	633.30	317.15	**632.32**	316.66	5
10	1199.59	600.30	1182.57	591.79	1181.58	591.30	E	**522.27**	261.64	505.24	253.12	504.26	252.63	4
11	1270.63	635.82	1253.60	627.31	1252.62	626.81	A	**393.22**	197.12	376.20	188.60			3
12	1417.70	709.35	1400.67	700.84	1399.69	700.35	F	**322.19**	161.60	305.16	153.08			2
13							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID528 **AQIWDTAGQER**



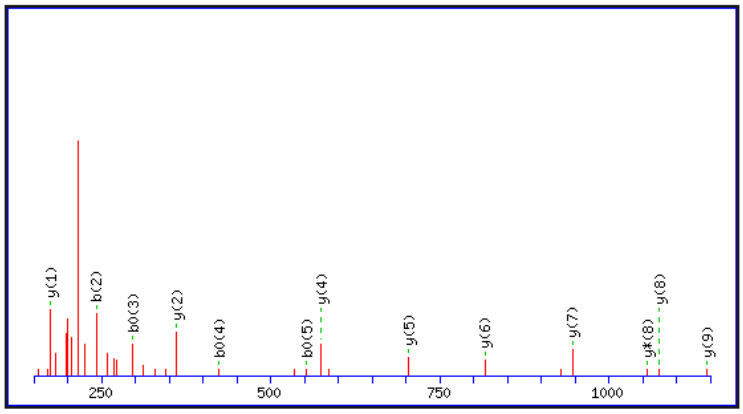
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.05	57.53					A							11
2	**242.11**	121.56	**225.09**	113.05			Q	1203.58	602.29	**1186.55**	593.78	1185.56	593.29	10
3	**355.20**	178.10	338.17	169.59			I	**1075.52**	538.26	1058.49	529.75	1057.51	529.26	9
4	541.28	271.14	524.25	262.63			W	**962.43**	481.72	945.41	473.21	**944.42**	472.71	8
5	656.30	328.66	639.28	320.14	638.29	319.65	D	**776.35**	388.68	759.33	380.17	758.34	379.68	7
6	757.35	379.18	740.32	370.67	739.34	370.17	T	**661.33**	331.17	644.30	322.65	643.32	322.16	6
7	828.39	414.70	811.36	406.18	810.38	405.69	A	**560.28**	280.64	543.25	272.13	542.27	271.64	5
8	885.41	443.21	868.38	434.70	867.40	434.20	G	**489.24**	245.12	472.22	236.61	471.23	236.12	4
9	1013.47	507.24	996.44	498.72	995.46	498.23	Q	432.22	216.61	415.19	208.10	414.21	207.61	3
10	1142.51	571.76	1125.48	563.25	1124.50	562.75	E	304.16	152.58	287.13	144.07	286.15	143.58	2
11							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID549 **TYVVQDGDIIFFK**



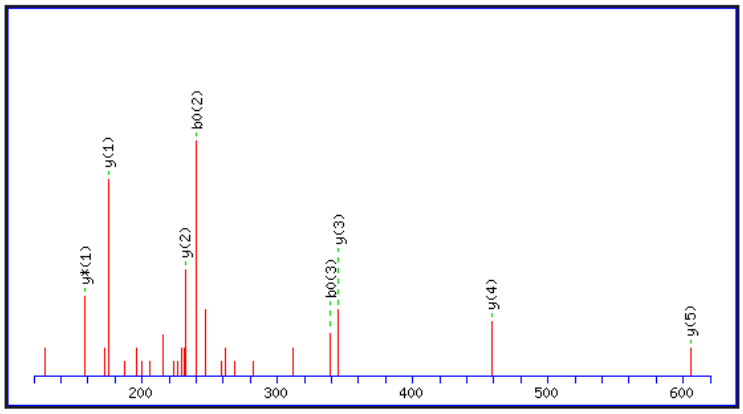
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	102.05	51.53			84.04	42.53	T							13
2	**265.12**	133.06			247.11	124.06	Y	1443.75	722.38	1426.73	713.87	1425.74	713.37	12
3	**364.19**	182.60			**346.18**	173.59	V	**1280.69**	640.85	1263.66	632.33	1262.68	631.84	11
4	463.26	232.13			445.24	223.13	V	**1181.62**	591.31	1164.59	582.80	1163.61	582.31	10
5	591.31	296.16	574.29	287.65	573.30	287.16	Q	**1082.55**	541.78	**1065.53**	533.27	**1064.54**	532.77	9
6	**706.34**	353.67	689.31	345.16	688.33	344.67	D	**954.49**	477.75	937.47	469.24	936.48	468.74	8
7	763.36	382.18	746.34	373.67	745.35	373.18	G	**839.47**	420.24	822.44	411.72	821.46	411.23	7
8	878.39	439.70	861.36	431.18	860.38	430.69	D	782.44	391.73	765.42	383.21	764.43	382.72	6
9	991.47	496.24	974.45	487.73	973.46	487.23	I	**667.42**	334.21	650.39	325.70			5
10	1104.56	552.78	1087.53	544.27	1086.55	543.78	I	**554.33**	277.67	537.31	269.16			4
11	1251.63	626.32	1234.60	617.80	1233.61	617.31	F	**441.25**	221.13	424.22	212.62			3
12	1398.69	699.85	1381.67	691.34	1380.68	690.85	F	**294.18**	147.59	277.15	139.08			2
13							K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID550 **ELAQEIETLWR**



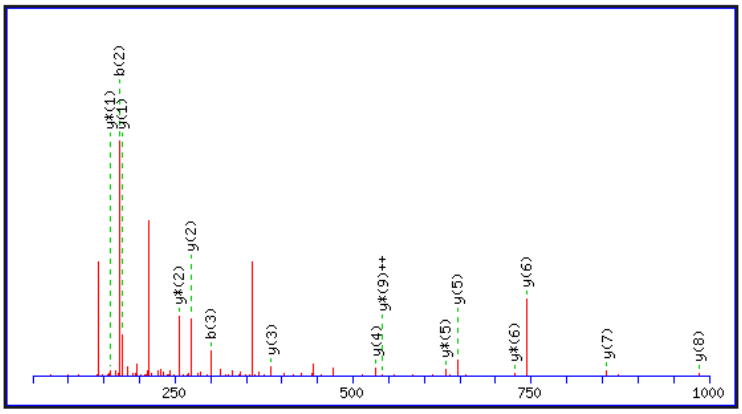
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	130.05	65.53			112.04	56.52	E							11
2	**243.13**	122.07			225.12	113.07	L	1258.68	629.84	1241.65	621.33	1240.67	620.84	10
3	314.17	157.59			**296.16**	148.58	A	**1145.59**	573.30	1128.57	564.79	1127.58	564.30	9
4	442.23	221.62	425.20	213.11	**424.22**	212.61	Q	**1074.56**	537.78	**1057.53**	529.27	1056.55	528.78	8
5	571.27	286.14	554.25	277.63	**553.26**	277.13	E	**946.50**	473.75	929.47	465.24	928.49	464.75	7
6	684.36	342.68	667.33	334.17	666.35	333.68	I	**817.46**	409.23	800.43	400.72	799.45	400.23	6
7	813.40	407.20	796.37	398.69	795.39	398.20	E	**704.37**	352.69	687.35	344.18	686.36	343.68	5
8	914.45	457.73	897.42	449.21	896.44	448.72	T	**575.33**	288.17	558.30	279.66	557.32	279.16	4
9	1027.53	514.27	1010.50	505.76	1009.52	505.26	L	474.28	237.64	457.26	229.13			3
10	1213.61	607.31	1196.58	598.80	1195.60	598.30	W	**361.20**	181.10	344.17	172.59			2
11							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID555 **EQVFILGR**



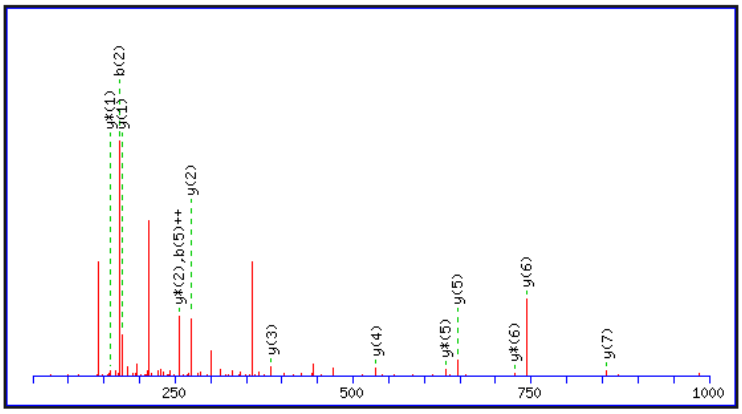
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	#
1	130.05	65.53			112.04	56.52	E					8
2	258.11	129.56	241.08	121.04	**240.10**	120.55	Q	832.50	416.76	815.48	408.24	7
3	357.18	179.09	340.15	170.58	**339.17**	170.09	V	704.45	352.73	687.42	344.21	6
4	504.25	252.63	487.22	244.11	486.23	243.62	F	**605.38**	303.19	588.35	294.68	5
5	617.33	309.17	600.30	300.66	599.32	300.16	I	**458.31**	229.66	441.28	221.14	4
6	730.41	365.71	713.39	357.20	712.40	356.71	L	**345.22**	173.12	328.20	164.60	3
7	787.43	394.22	770.41	385.71	769.42	385.22	G	**232.14**	116.57	215.11	108.06	2
8							R	**175.12**	88.06	**158.09**	79.55	1

MS/MS Fragmentation of ID559 **GIELPNFLPR**



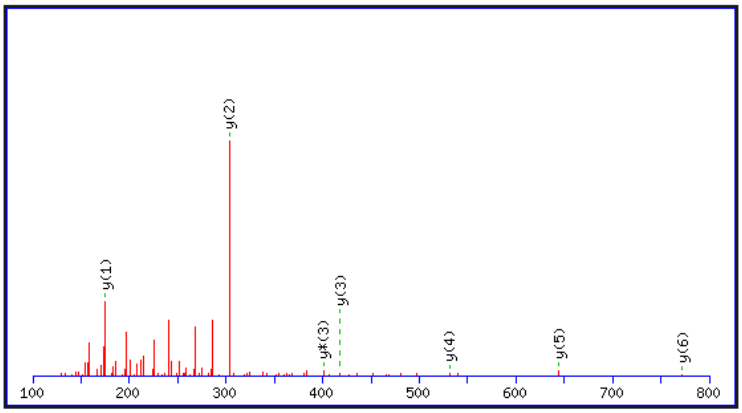
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	58.03	29.52					G							10
2	**171.11**	86.06					I	1098.63	549.82	1081.60	**541.31**	1080.62	540.81	9
3	**300.16**	150.58			282.14	141.58	E	**985.55**	493.28	968.52	484.76	967.54	484.27	8
4	413.24	207.12			395.23	198.12	L	**856.50**	428.76	839.48	420.24			7
5	510.29	255.65			492.28	246.64	P	**743.42**	372.21	**726.39**	363.70			6
6	624.34	312.67	607.31	304.16	606.32	303.67	N	**646.37**	323.69	**629.34**	315.17			5
7	771.40	386.21	754.38	377.69	753.39	377.20	F	**532.32**	266.67	515.30	258.15			4
8	884.49	442.75	867.46	434.23	866.48	433.74	L	**385.26**	193.13	368.23	184.62			3
9	981.54	491.27	964.51	482.76	963.53	482.27	P	**272.17**	136.59	**255.15**	128.08			2
10							R	**175.12**	88.06	**158.09**	79.55			1

MS/MS Fragmentation of ID560 **GIQLPNFLPR**



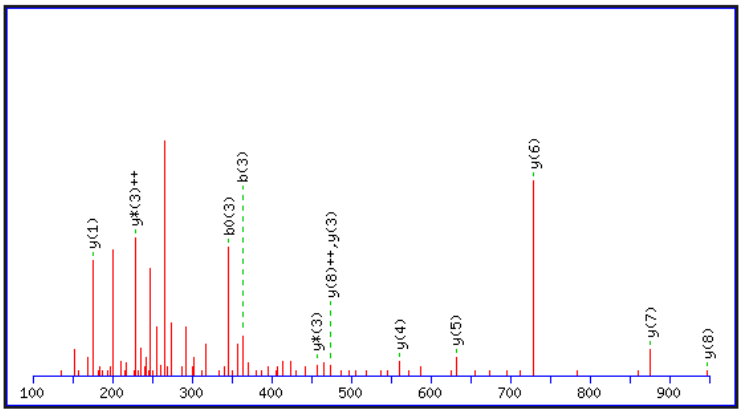
#	b	b^{++}	b*	b^{*++}	Seq.	y	y^{++}	y*	y^{*++}	#
1	58.03	29.52			G					10
2	**171.11**	86.06			I	1097.65	549.33	1080.62	540.81	9
3	299.17	150.09	282.14	141.58	Q	984.56	492.78	967.54	484.27	8
4	412.26	206.63	395.23	198.12	L	**856.50**	428.76	839.48	420.24	7
5	509.31	**255.16**	492.28	246.64	P	**743.42**	372.21	**726.39**	363.70	6
6	623.35	312.18	606.32	303.67	N	**646.37**	323.69	**629.34**	315.17	5
7	770.42	385.71	753.39	377.20	F	**532.32**	266.67	515.30	258.15	4
8	883.50	442.26	866.48	433.74	L	**385.26**	193.13	368.23	184.62	3
9	980.56	490.78	963.53	482.27	P	**272.17**	136.59	**255.15**	128.08	2
10					R	**175.12**	88.06	**158.09**	79.55	1

MS/MS Fragmentation of ID566 **GSLKLLDQR**



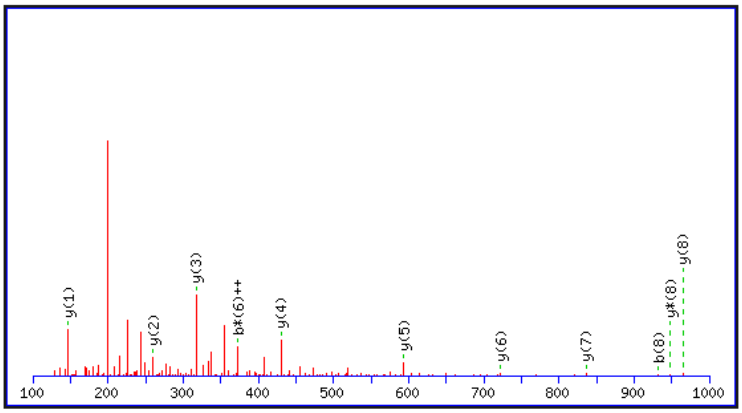
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	58.03	29.52					G							9
2	145.06	73.03			127.05	64.03	S	972.58	486.80	955.56	478.28	954.57	477.79	8
3	258.14	129.58			240.13	120.57	L	885.55	443.28	868.53	434.77	867.54	434.27	7
4	386.24	193.62	369.21	185.11	368.23	184.62	K	**772.47**	386.74	755.44	378.22	754.46	377.73	6
5	499.32	250.17	482.30	241.65	481.31	241.16	L	**644.37**	322.69	627.35	314.18	626.36	313.68	5
6	612.41	306.71	595.38	298.19	594.40	297.70	L	**531.29**	266.15	514.26	257.63	513.28	257.14	4
7	727.43	364.22	710.41	355.71	709.42	355.22	D	**418.20**	209.61	**401.18**	201.09	400.19	200.60	3
8	855.49	428.25	838.47	419.74	837.48	419.25	Q	**303.18**	152.09	286.15	143.58			2
9							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID567 **EYAAFPASWLR**



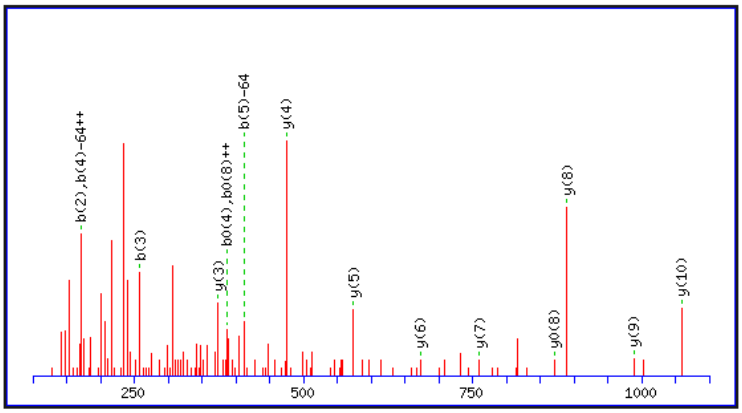
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	130.05	65.53	112.04	56.52	E							11
2	293.11	147.06	275.10	138.05	Y	1181.61	591.31	1164.58	582.80	1163.60	582.30	10
3	**364.15**	182.58	**346.14**	173.57	A	1018.55	509.78	1001.52	501.26	1000.54	500.77	9
4	435.19	218.10	417.18	209.09	A	**947.51**	**474.26**	930.48	465.75	929.50	465.25	8
5	582.26	291.63	564.25	282.63	F	**876.47**	438.74	859.45	430.23	858.46	429.73	7
6	679.31	340.16	661.30	331.15	P	**729.40**	365.21	712.38	356.69	711.39	356.20	6
7	750.35	375.68	732.34	366.67	A	**632.35**	316.68	615.32	308.17	614.34	307.67	5
8	837.38	419.19	819.37	410.19	S	**561.31**	281.16	544.29	272.65	543.30	272.16	4
9	1023.46	512.23	1005.45	503.23	W	**474.28**	237.64	**457.26**	**229.13**			3
10	1136.54	568.77	1118.53	559.77	L	288.20	144.61	271.18	136.09			2
11					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID568 **LIENEYLGLK**



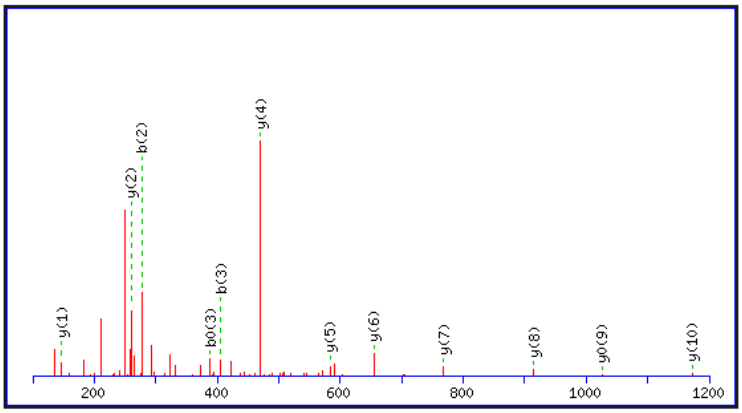
#	b	b^{++}	b*	b*$^{++}$	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y*$^{++}$	y^{0}	y^{0++}	#
1	114.09	57.55					L							10
2	227.18	114.09					I	1078.58	539.79	1061.55	531.28	1060.57	530.79	9
3	356.22	178.61			338.21	169.61	E	**965.49**	483.25	**948.47**	474.74	947.48	474.25	8
4	470.26	235.63	453.23	227.12	452.25	226.63	N	**836.45**	418.73	819.42	410.22	818.44	409.72	7
5	599.30	300.16	582.28	291.64	581.29	291.15	E	**722.41**	361.71	705.38	353.19	704.40	352.70	6
6	762.37	381.69	745.34	**373.17**	744.36	372.68	Y	**593.37**	297.19	576.34	288.67			5
7	875.45	438.23	858.42	429.72	857.44	429.22	L	**430.30**	215.65	413.28	207.14			4
8	**932.47**	466.74	915.45	458.23	914.46	457.73	G	**317.22**	159.11	300.19	150.60			3
9	1045.56	523.28	1028.53	514.77	1027.55	514.28	L	**260.20**	130.60	243.17	122.09			2
10							K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID575 **GISMAVESVVTNLK**



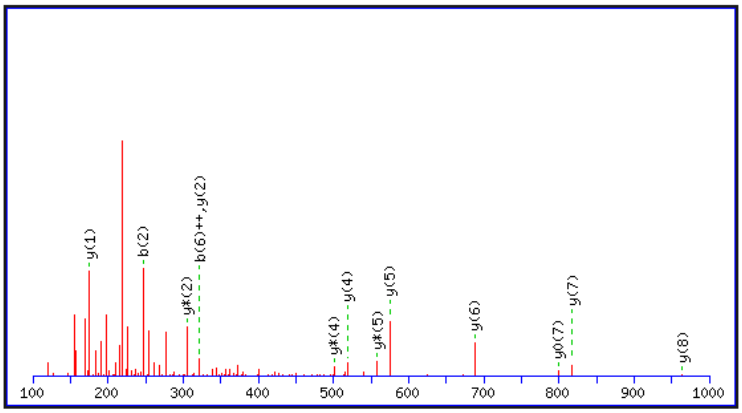
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	58.03	29.52					G							14
2	**171.11**	86.06					I	1342.76	671.88	1325.73	663.37	1324.75	662.88	13
3	**258.14**	129.58			240.13	120.57	S	1229.67	615.34	1212.65	606.83	1211.66	606.34	12
4	341.18	**171.09**			323.17	162.09	M	1142.64	571.82	1125.62	563.31	1124.63	562.82	11
5	**412.22**	206.61			394.21	197.61	A	**1059.60**	530.31	1042.58	521.79	1041.59	521.30	10
6	511.29	256.15			493.28	247.14	V	**988.57**	494.79	971.54	486.27	970.56	485.78	9
7	640.33	320.67			622.32	311.66	E	**889.50**	445.25	872.47	436.74	**871.49**	436.25	8
8	727.36	364.18			709.35	355.18	S	**760.46**	380.73	743.43	372.22	742.45	371.73	7
9	826.43	413.72			808.42	404.71	V	**673.42**	337.22	656.40	328.70	655.41	328.21	6
10	925.50	463.25			907.49	454.25	V	**574.36**	287.68	557.33	279.17	556.35	278.68	5
11	1026.55	513.78			1008.54	504.77	T	**475.29**	238.15	458.26	229.63	457.28	229.14	4
12	1140.59	570.80	1123.56	562.29	1122.58	561.79	N	**374.24**	187.62	357.21	179.11			3
13	1253.67	627.34	1236.65	618.83	1235.66	618.34	L	260.20	130.60	243.17	122.09			2
14							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID579 **IYEEFLAIPIIK**



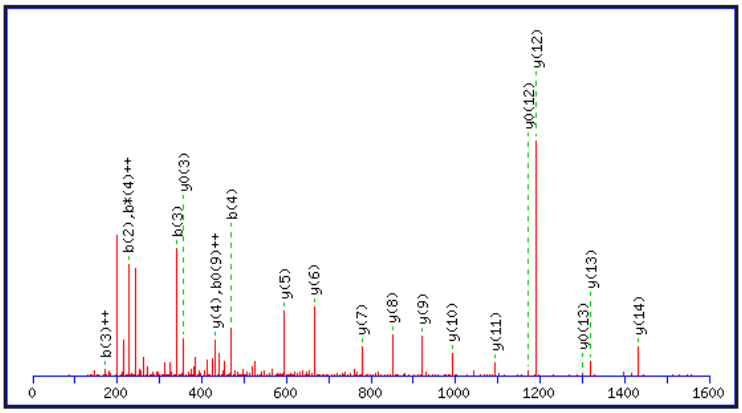
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			I							12
2	**277.15**	139.08			Y	1335.76	668.38	1318.73	659.87	1317.75	659.38	11
3	**406.20**	203.60	**388.19**	194.60	E	**1172.69**	586.85	1155.67	578.34	1154.68	577.84	10
4	535.24	268.12	517.23	259.12	E	1043.65	522.33	1026.62	513.82	**1025.64**	513.32	9
5	682.31	341.66	664.30	332.65	F	**914.61**	457.81	897.58	449.29			8
6	795.39	398.20	777.38	389.19	L	**767.54**	384.27	750.51	375.76			7
7	866.43	433.72	848.42	424.71	A	**654.45**	327.73	637.43	319.22			6
8	979.51	490.26	961.50	481.26	I	**583.42**	292.21	566.39	283.70			5
9	1076.57	538.79	1058.56	529.78	P	**470.33**	235.67	453.31	227.16			4
10	1189.65	595.33	1171.64	586.32	I	373.28	187.14	356.25	178.63			3
11	1302.73	651.87	1284.72	642.87	I	**260.20**	130.60	243.17	122.09			2
12					K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID580 **VFEIGPVFR**



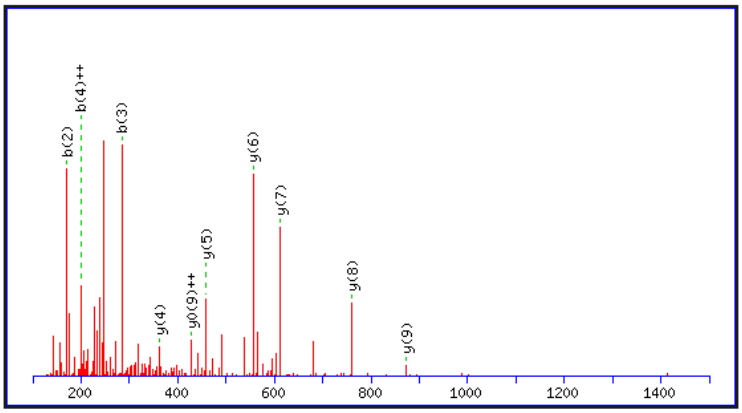
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	100.08	50.54			V							9
2	**247.14**	124.08			F	**964.53**	482.77	947.50	474.25	946.51	473.76	8
3	376.19	188.60	358.18	179.59	E	**817.46**	409.23	800.43	400.72	**799.45**	400.23	7
4	489.27	245.14	471.26	236.13	I	**688.41**	344.71	671.39	336.20			6
5	546.29	273.65	528.28	264.64	G	**575.33**	288.17	**558.30**	279.66			5
6	643.34	**322.18**	625.33	313.17	P	**518.31**	259.66	**501.28**	251.14			4
7	742.41	371.71	724.40	362.71	V	421.26	211.13	404.23	202.62			3
8	889.48	445.24	871.47	436.24	F	**322.19**	161.60	**305.16**	153.08			2
9					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID584 **IINEPTAAAIAYGLDK**



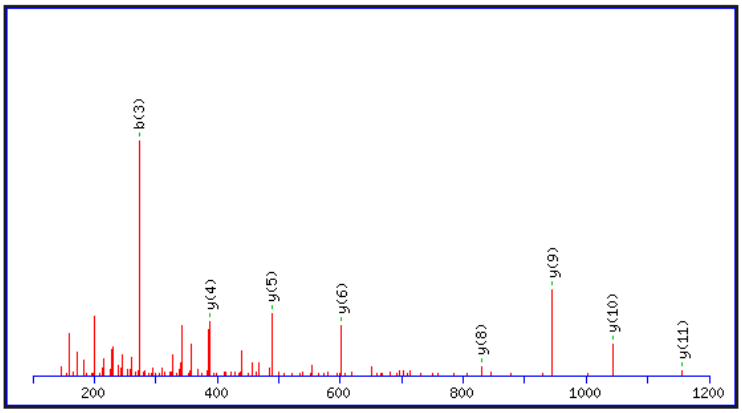
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					I							16
2	**227.18**	114.09					I	1546.81	773.91	1529.78	765.40	1528.80	764.90	15
3	**341.22**	**171.11**	324.19	162.60			N	**1433.73**	717.37	1416.70	708.85	1415.72	708.36	14
4	**470.26**	235.63	453.23	**227.12**	452.25	226.63	E	**1319.68**	660.35	1302.66	651.83	**1301.67**	651.34	13
5	567.31	284.16	550.29	275.65	549.30	275.16	P	**1190.64**	595.82	1173.61	587.31	**1172.63**	586.82	12
6	668.36	334.68	651.33	326.17	650.35	325.68	T	**1093.59**	547.30	1076.56	538.78	1075.58	538.29	11
7	739.40	370.20	722.37	361.69	721.39	361.20	A	**992.54**	496.77	975.51	488.26	974.53	487.77	10
8	810.44	405.72	793.41	397.21	792.43	396.72	A	**921.50**	461.26	904.48	452.74	903.49	452.25	9
9	881.47	441.24	864.45	432.73	863.46	**432.23**	A	**850.47**	425.74	833.44	417.22	832.46	416.73	8
10	994.56	497.78	977.53	489.27	976.55	488.78	I	**779.43**	390.22	762.40	381.71	761.42	381.21	7
11	1065.59	533.30	1048.57	524.79	1047.58	524.30	A	**666.35**	333.68	649.32	325.16	648.34	324.67	6
12	1228.66	614.83	1211.63	606.32	1210.65	605.83	Y	**595.31**	298.16	578.28	289.64	577.30	289.15	5
13	1285.68	643.34	1268.65	634.83	1267.67	634.34	G	**432.25**	216.63	415.22	208.11	414.23	207.62	4
14	1398.76	699.88	1381.74	691.37	1380.75	690.88	L	375.22	188.12	358.20	179.60	**357.21**	179.11	3
15	1513.79	757.40	1496.76	748.89	1495.78	748.39	D	262.14	131.57	245.11	123.06	244.13	122.57	2
16							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID588 **GILLFGPPGTGK**



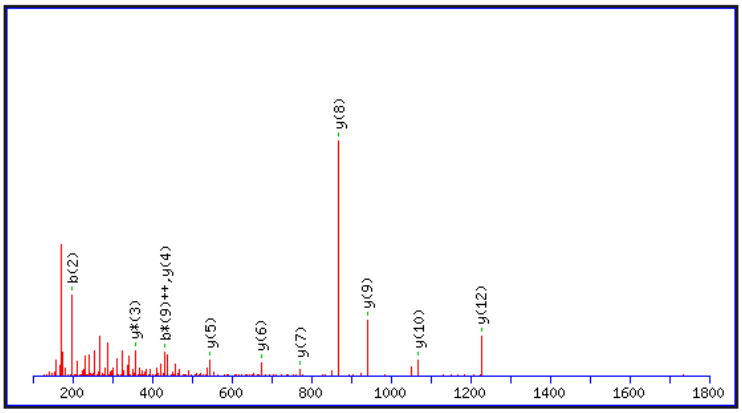
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	58.03	29.52			G							12
2	**171.11**	86.06			I	1099.65	550.33	1082.62	541.82	1081.64	541.32	11
3	**284.20**	142.60			L	986.57	493.79	969.54	485.27	968.56	484.78	10
4	397.28	**199.14**			L	**873.48**	437.25	856.46	428.73	855.47	**428.24**	9
5	544.35	272.68			F	**760.40**	380.70	743.37	372.19	742.39	371.70	8
6	601.37	301.19			G	**613.33**	307.17	596.30	298.66	595.32	298.16	7
7	698.42	349.72			P	**556.31**	278.66	539.28	270.14	538.30	269.65	6
8	795.48	398.24			P	**459.26**	230.13	442.23	221.62	441.25	221.13	5
9	852.50	426.75			G	**362.20**	181.61	345.18	173.09	344.19	172.60	4
10	953.55	477.28	935.53	468.27	T	305.18	153.09	288.16	144.58	287.17	144.09	3
11	1010.57	505.79	992.56	496.78	G	204.13	102.57	187.11	94.06			2
12					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID592 **TGNLVDNLLTGALK**



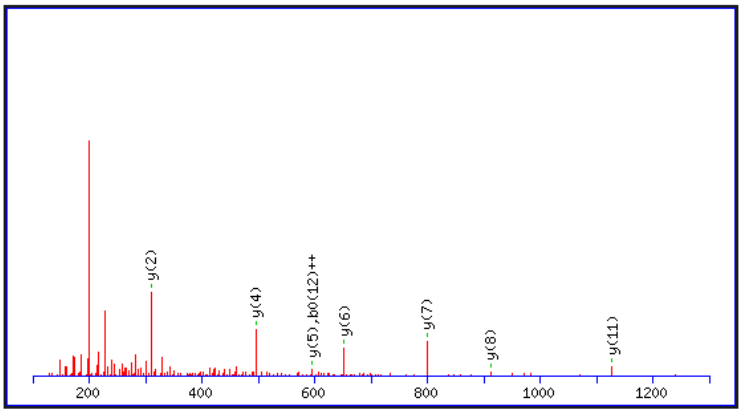
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	102.05	51.53			84.04	42.53	T							14
2	159.08	80.04			141.07	71.04	G	1327.76	664.38	1310.73	655.87	1309.75	655.38	13
3	**273.12**	137.06	256.09	128.55	255.11	128.06	N	1270.74	635.87	1253.71	627.36	1252.73	626.87	12
4	386.20	193.61	369.18	185.09	368.19	184.60	L	**1156.69**	578.85	1139.67	570.34	1138.68	569.85	11
5	485.27	243.14	468.25	234.63	467.26	234.13	V	**1043.61**	522.31	1026.58	513.80	1025.60	513.30	10
6	600.30	300.65	583.27	292.14	582.29	291.65	D	**944.54**	472.77	927.51	464.26	926.53	463.77	9
7	714.34	357.67	697.32	349.16	696.33	348.67	N	**829.51**	415.26	812.49	406.75	811.50	406.26	8
8	827.43	414.22	810.40	405.70	809.42	405.21	L	715.47	358.24	698.44	349.73	697.46	349.23	7
9	940.51	470.76	923.48	462.25	922.50	461.75	L	**602.39**	301.70	585.36	293.18	584.38	292.69	6
10	1041.56	521.28	1024.53	512.77	1023.55	512.28	T	**489.30**	245.16	472.28	236.64	471.29	236.15	5
11	1098.58	549.79	1081.55	541.28	1080.57	540.79	G	**388.26**	194.63	371.23	186.12			4
12	1169.62	585.31	1152.59	576.80	1151.61	576.31	A	331.23	166.12	314.21	157.61			3
13	1282.70	641.85	1265.67	633.34	1264.69	632.85	L	260.20	130.60	243.17	122.09			2
14							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID593 **VVGTQAPVQLGSLR**



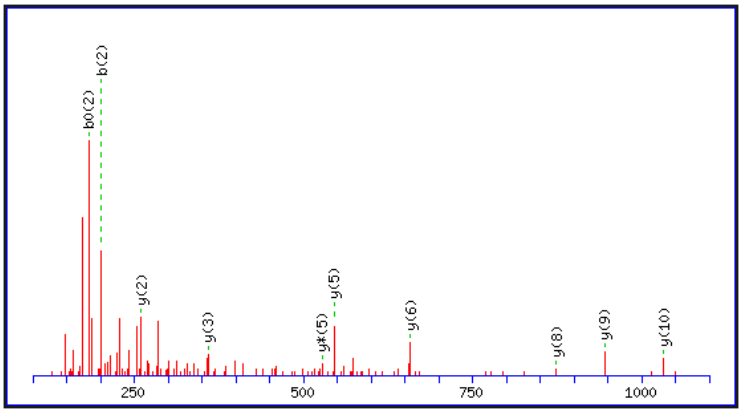
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	100.08	50.54					V							14
2	**199.14**	100.08					V	1325.75	663.38	1308.73	654.87	1307.74	654.38	13
3	256.17	128.59					G	**1226.69**	613.85	1209.66	605.33	1208.67	604.84	12
4	357.21	179.11			339.20	170.10	T	1169.66	585.34	1152.64	576.82	1151.65	576.33	11
5	485.27	243.14	468.25	234.63	467.26	234.13	Q	**1068.62**	534.81	1051.59	526.30	1050.61	525.81	10
6	556.31	278.66	539.28	270.14	538.30	269.65	A	**940.56**	470.78	923.53	462.27	922.55	461.78	9
7	653.36	327.18	636.34	318.67	635.35	318.18	P	**869.52**	435.26	852.49	426.75	851.51	426.26	8
8	752.43	376.72	735.40	368.21	734.42	367.71	V	**772.47**	386.74	755.44	378.22	754.46	377.73	7
9	880.49	440.75	863.46	**432.23**	862.48	431.74	Q	**673.40**	337.20	656.37	328.69	655.39	328.20	6
10	993.57	497.29	976.55	488.78	975.56	488.28	L	**545.34**	273.17	528.31	264.66	527.33	264.17	5
11	1050.59	525.80	1033.57	517.29	1032.58	516.80	G	**432.26**	216.63	415.23	208.12	414.25	207.63	4
12	1137.63	569.32	1120.60	560.80	1119.62	560.31	S	375.24	188.12	**358.21**	179.61	357.22	179.12	3
13	1250.71	625.86	1233.68	617.35	1232.70	616.85	L	288.20	144.61	271.18	136.09			2
14							R	175.12	88.06	158.09	79.55			1

MS/MS Fragmentation of ID609 **LLGSALFGVGEYK**



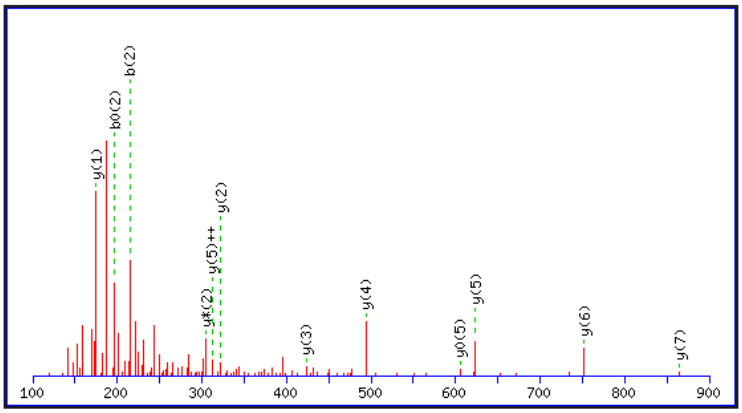
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			L							13
2	227.18	114.09			L	1240.66	620.83	1223.63	612.32	1222.65	611.83	12
3	284.20	142.60			G	**1127.57**	564.29	1110.55	555.78	1109.56	555.28	11
4	371.23	186.12	353.22	177.11	S	1070.55	535.78	1053.53	527.27	1052.54	526.77	10
5	442.27	221.64	424.26	212.63	A	983.52	492.26	966.49	483.75	965.51	483.26	9
6	555.35	278.18	537.34	269.17	L	**912.48**	456.74	895.46	448.23	894.47	447.74	8
7	702.42	351.71	684.41	342.71	F	**799.40**	400.20	782.37	391.69	781.39	391.20	7
8	759.44	380.22	741.43	371.22	G	**652.33**	326.67	635.30	318.16	634.32	317.66	6
9	858.51	429.76	840.50	420.75	V	**595.31**	298.16	578.28	289.64	577.30	289.15	5
10	915.53	458.27	897.52	449.26	G	**496.24**	248.62	479.21	240.11	478.23	239.62	4
11	1044.57	522.79	1026.56	513.78	E	439.22	220.11	422.19	211.60	421.21	211.11	3
12	1207.64	604.32	1189.63	**595.32**	Y	**310.18**	155.59	293.15	147.08			2
13					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID610 **ISASELGEVLK**



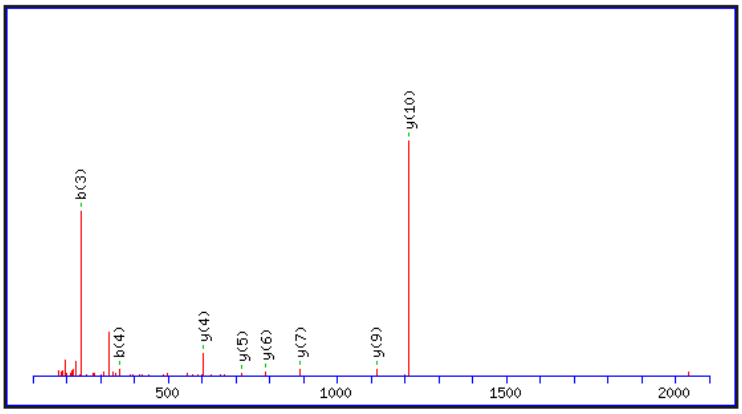
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			I							11
2	**201.12**	101.07	**183.11**	92.06	S	**1032.56**	516.78	1015.53	508.27	1014.55	507.78	10
3	272.16	136.58	254.15	127.58	A	**945.53**	473.27	928.50	464.75	927.51	464.26	9
4	359.19	180.10	341.18	171.09	S	**874.49**	437.75	857.46	429.23	856.48	428.74	8
5	488.24	244.62	470.22	235.62	E	787.46	394.23	770.43	385.72	769.45	385.23	7
6	601.32	301.16	583.31	292.16	L	**658.41**	329.71	641.39	321.20	640.40	320.71	6
7	658.34	329.67	640.33	320.67	G	**545.33**	273.17	**528.30**	264.66	527.32	264.16	5
8	787.38	394.20	769.37	385.19	E	488.31	244.66	471.28	236.14	470.30	235.65	4
9	886.45	443.73	868.44	434.72	V	**359.27**	180.14	342.24	171.62			3
10	999.54	500.27	981.53	491.27	L	**260.20**	130.60	243.17	122.09			2
11					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID611 **LTIEEATFR**



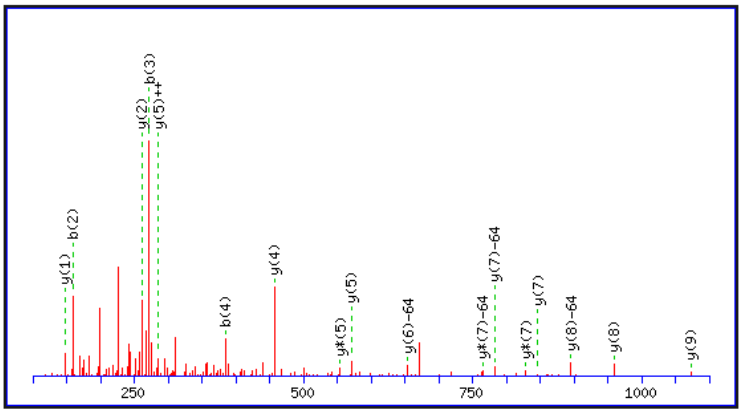
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			L							9
2	**215.14**	108.07	**197.13**	99.07	T	966.49	483.75	949.46	475.23	948.48	474.74	8
3	328.22	164.62	310.21	155.61	I	**865.44**	433.22	848.41	424.71	847.43	424.22	7
4	457.27	229.14	439.26	220.13	E	**752.36**	376.68	735.33	368.17	734.35	367.68	6
5	586.31	293.66	568.30	284.65	E	**623.31**	**312.16**	606.29	303.65	**605.30**	303.16	5
6	657.35	329.18	639.33	320.17	A	**494.27**	247.64	477.25	239.13	476.26	238.63	4
7	758.39	379.70	740.38	370.69	T	**423.24**	212.12	406.21	203.61	405.22	203.12	3
8	905.46	453.23	887.45	444.23	F	**322.19**	161.60	**305.16**	153.08			2
9					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID615 **AGLIPPETALPWFR**



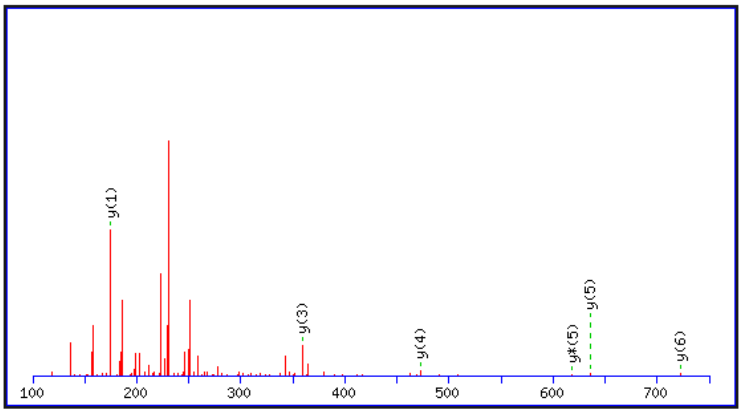
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53			A							14
2	129.07	65.04			G	1496.83	748.92	1479.80	740.40	1478.82	739.91	13
3	**242.15**	121.58			L	1439.80	720.41	1422.78	711.89	1421.79	711.40	12
4	**355.23**	178.12			I	1326.72	663.86	1309.69	655.35	1308.71	654.86	11
5	452.29	226.65			P	**1213.64**	607.32	1196.61	598.81	1195.63	598.32	10
6	549.34	275.17			P	**1116.58**	558.80	1099.56	550.28	1098.57	549.79	9
7	678.38	339.69	660.37	330.69	E	1019.53	510.27	1002.50	501.76	1001.52	501.26	8
8	779.43	390.22	761.42	381.21	T	**890.49**	445.75	873.46	437.23	872.48	436.74	7
9	850.47	425.74	832.46	416.73	A	**789.44**	395.22	772.41	386.71			6
10	963.55	482.28	945.54	473.27	L	**718.40**	359.71	701.38	351.19			5
11	1060.60	530.81	1042.59	521.80	P	**605.32**	303.16	588.29	294.65			4
12	1246.68	623.85	1228.67	614.84	W	508.27	254.64	491.24	246.12			3
13	1393.75	697.38	1375.74	688.37	F	322.19	161.60	305.16	153.08			2
14					R	175.12	88.06	158.09	79.55			1

MS/MS Fragmentation of ID621 **SALLLQMNPVNK**



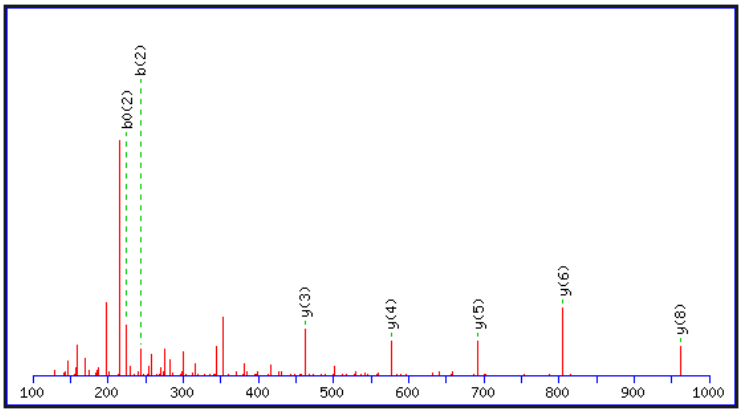
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	#
1	88.04	44.52			70.03	35.52	S					12
2	**159.08**	80.04			141.07	71.04	A	1192.70	596.86	1175.68	588.34	11
3	**272.16**	136.58			254.15	127.58	L	1121.67	561.34	1104.64	552.82	10
4	**385.24**	193.13			367.23	184.12	L	1008.58	504.80	991.56	496.28	9
5	498.33	249.67			480.32	240.66	L	**895.50**	448.25	878.47	439.74	8
6	626.39	313.70	609.36	305.18	608.38	304.69	Q	**782.42**	391.71	**765.39**	383.20	7
7	709.42	355.22	692.40	346.70	691.41	346.21	M	**654.36**	327.68	637.33	319.17	6
8	823.47	412.24	806.44	403.72	805.46	403.23	N	**571.32**	**286.16**	**554.29**	277.65	5
9	920.52	460.76	903.49	452.25	902.51	451.76	P	**457.28**	229.14	440.25	220.63	4
10	1019.59	510.30	1002.56	501.78	1001.58	501.29	V	360.22	180.62	343.20	172.10	3
11	1133.63	567.32	1116.60	558.81	1115.62	558.31	N	**261.16**	131.08	244.13	122.57	2
12							K	**147.11**	74.06	130.09	65.55	1

MS/MS Fragmentation of ID622 **QFSYILAR**



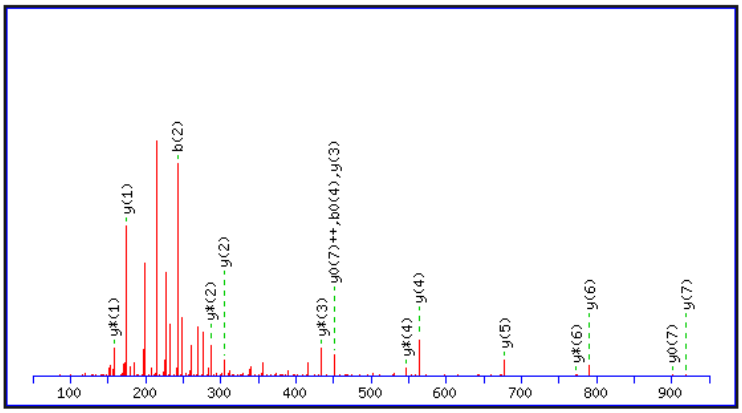
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	129.07	65.04	112.04	56.52			Q							8
2	276.13	138.57	259.11	130.06			F	869.49	435.25	852.46	426.73	851.48	426.24	7
3	363.17	182.09	346.14	173.57	345.16	173.08	S	**722.42**	361.71	705.39	353.20	704.41	352.71	6
4	526.23	263.62	509.20	255.11	508.22	254.61	Y	**635.39**	318.20	**618.36**	309.68			5
5	639.31	320.16	622.29	311.65	621.30	311.16	I	**472.32**	236.67	455.30	228.15			4
6	752.40	376.70	735.37	368.19	734.39	367.70	L	**359.24**	180.12	342.21	171.61			3
7	823.43	412.22	806.41	403.71	805.42	403.22	A	246.16	123.58	229.13	115.07			2
8							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID624 **EIGVLDDWEK**



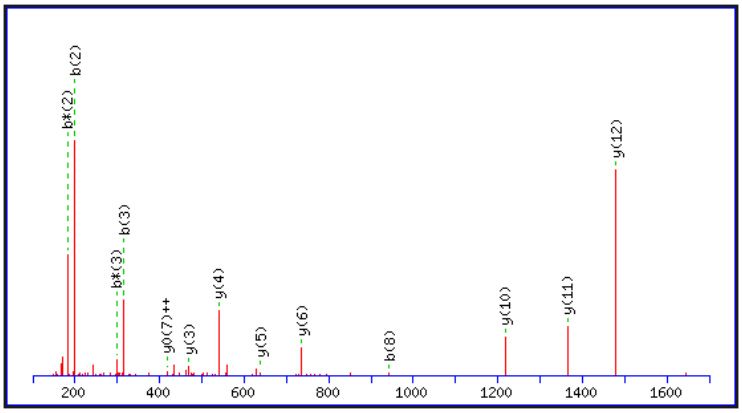
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	130.05	65.53	112.04	56.52	E							10
2	**243.13**	122.07	**225.12**	113.07	I	1074.55	537.78	1057.52	529.26	1056.54	528.77	9
3	300.16	150.58	282.14	141.58	G	**961.46**	481.23	944.44	472.72	943.45	472.23	8
4	399.22	200.12	381.21	191.11	V	904.44	452.72	887.41	444.21	886.43	443.72	7
5	512.31	256.66	494.30	247.65	L	**805.37**	403.19	788.35	394.68	787.36	394.18	6
6	627.33	314.17	609.32	305.17	D	**692.29**	346.65	675.26	338.13	674.28	337.64	5
7	742.36	371.68	724.35	362.68	D	**577.26**	289.13	560.24	280.62	559.25	280.13	4
8	928.44	464.72	910.43	455.72	W	**462.23**	231.62	445.21	223.11	444.22	222.62	3
9	1057.48	529.25	1039.47	520.24	E	276.16	138.58	259.13	130.07	258.14	129.58	2
10					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID626 **LELILFER**



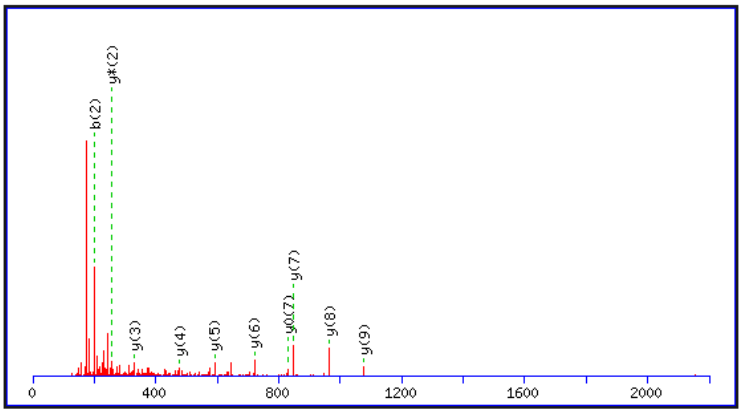
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			L							8
2	**243.13**	122.07	225.12	113.07	E	**919.52**	460.27	902.50	451.75	**901.51**	**451.26**	7
3	356.22	178.61	338.21	169.61	L	**790.48**	395.74	**773.46**	387.23	772.47	386.74	6
4	469.30	235.15	**451.29**	226.15	I	**677.40**	339.20	660.37	330.69	659.39	330.20	5
5	582.39	291.70	564.38	282.69	L	**564.31**	282.66	**547.29**	274.15	546.30	273.66	4
6	729.45	365.23	711.44	356.23	F	**451.23**	226.12	**434.20**	217.61	433.22	217.11	3
7	858.50	429.75	840.49	420.75	E	**304.16**	152.58	**287.13**	144.07	286.15	143.58	2
8					R	**175.12**	88.06	**158.09**	79.55			1

MS/MS Fragmentation of ID627 **AQDFPLRDPVAFFR**



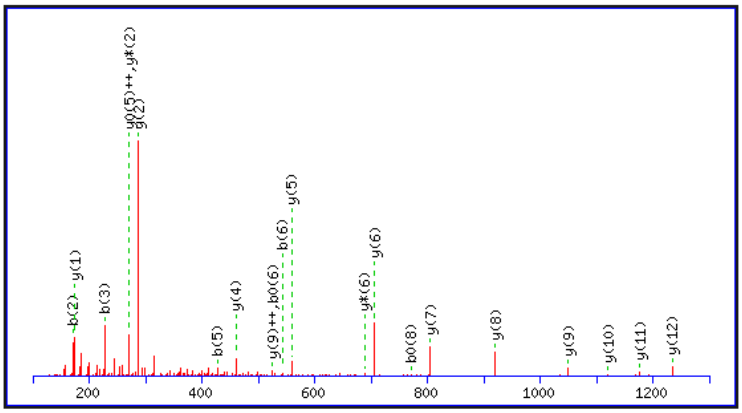
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53					A							14
2	**200.10**	100.56	**183.08**	92.04			Q	1607.83	804.42	1590.81	795.91	1589.82	795.41	13
3	**315.13**	158.07	**298.10**	149.56	297.12	149.06	D	**1479.77**	740.39	1462.75	731.88	1461.76	731.39	12
4	462.20	231.60	445.17	223.09	444.19	222.60	F	**1364.75**	682.88	1347.72	674.36	1346.74	673.87	11
5	559.25	280.13	542.22	271.62	541.24	271.12	P	**1217.68**	609.34	1200.65	600.83	1199.67	600.34	10
6	672.34	336.67	655.31	328.16	654.32	327.67	L	1120.63	560.82	1103.60	552.30	1102.62	551.81	9
7	828.44	414.72	811.41	406.21	810.43	405.72	R	1007.54	504.27	990.52	495.76	989.53	495.27	8
8	**943.46**	472.24	926.44	463.72	925.45	463.23	D	851.44	426.22	834.41	417.71	833.43	**417.22**	7
9	1040.52	520.76	1023.49	512.25	1022.51	511.76	P	**736.41**	368.71	719.39	360.20			6
10	1139.58	570.30	1122.56	561.78	1121.57	561.29	V	**639.36**	320.18	622.33	311.67			5
11	1210.62	605.81	1193.59	597.30	1192.61	596.81	A	**540.29**	270.65	523.27	262.14			4
12	1357.69	679.35	1340.66	670.84	1339.68	670.34	F	**469.26**	235.13	452.23	226.62			3
13	1504.76	752.88	1487.73	744.37	1486.75	743.88	F	322.19	161.60	305.16	153.08			2
14							R	175.12	88.06	158.09	79.55			1

MS/MS Fragmentation of ID633 **SLLDEQNFGVR**



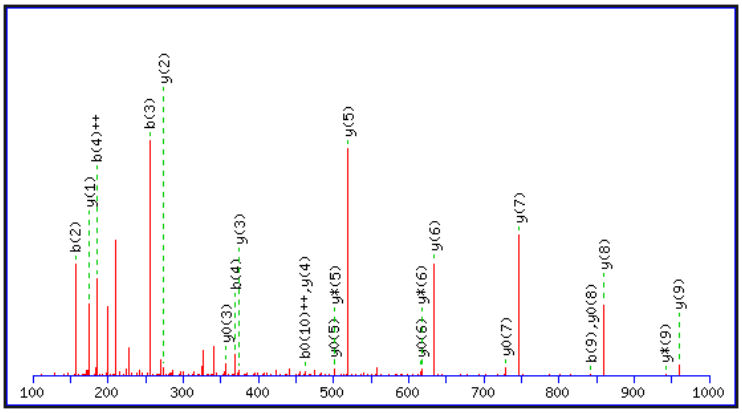
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.04	44.52			70.03	35.52	S							11
2	**201.12**	101.07			183.11	92.06	L	1190.62	595.81	1173.59	587.30	1172.61	586.81	10
3	314.21	157.61			296.20	148.60	L	**1077.53**	539.27	1060.51	530.76	1059.52	530.26	9
4	429.23	215.12			411.22	206.12	D	**964.45**	482.73	947.42	474.21	946.44	473.72	8
5	558.28	279.64			540.27	270.64	E	**849.42**	425.21	832.39	416.70	**831.41**	416.21	7
6	686.34	343.67	669.31	335.16	668.32	334.67	Q	**720.38**	360.69	703.35	352.18			6
7	800.38	400.69	783.35	392.18	782.37	391.69	N	**592.32**	296.66	575.29	288.15			5
8	947.45	474.23	930.42	465.71	929.44	465.22	F	**478.28**	239.64	461.25	231.13			4
9	1004.47	502.74	987.44	494.22	986.46	493.73	G	**331.21**	166.11	314.18	157.59			3
10	1103.54	552.27	1086.51	543.76	1085.53	543.27	V	274.19	137.60	**257.16**	129.08			2
11							R	175.12	88.06	158.09	79.55			1

MS/MS Fragmentation of ID635 **IGGAEDVFVGDIR**



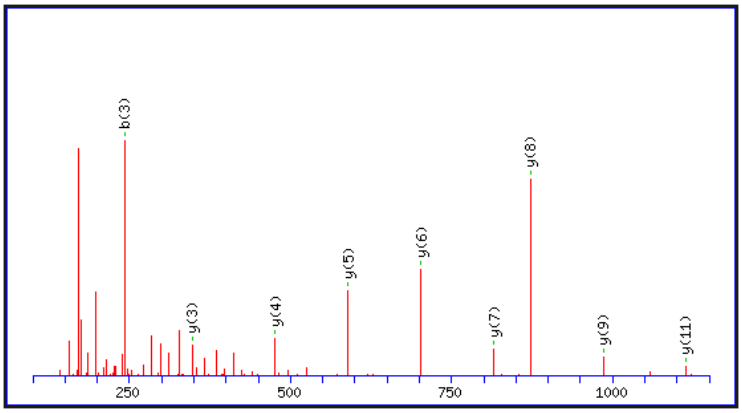
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			I							13
2	**171.11**	86.06			G	**1234.61**	617.81	1217.58	609.29	1216.60	608.80	12
3	**228.13**	114.57			G	**1177.58**	589.30	1160.56	580.78	1159.57	580.29	11
4	299.17	150.09			A	**1120.56**	560.79	1103.54	552.27	1102.55	551.78	10
5	**428.21**	214.61	410.20	205.61	E	**1049.53**	**525.27**	1032.50	516.75	1031.52	516.26	9
6	**543.24**	272.12	**525.23**	263.12	D	**920.48**	460.75	903.46	452.23	902.47	451.74	8
7	642.31	321.66	624.30	312.65	V	**805.46**	403.23	788.43	394.72	787.45	394.23	7
8	789.38	395.19	**771.37**	386.19	F	**706.39**	353.70	**689.36**	345.18	688.38	344.69	6
9	888.45	444.73	870.44	435.72	V	**559.32**	280.16	542.29	271.65	541.31	**271.16**	5
10	945.47	473.24	927.46	464.23	G	**460.25**	230.63	443.22	222.12	442.24	221.62	4
11	1060.49	530.75	1042.48	521.75	D	403.23	202.12	386.20	193.61	385.22	193.11	3
12	1173.58	587.29	1155.57	578.29	I	**288.20**	144.61	**271.18**	136.09			2
13					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID636 **GVVIIDGSTVR**



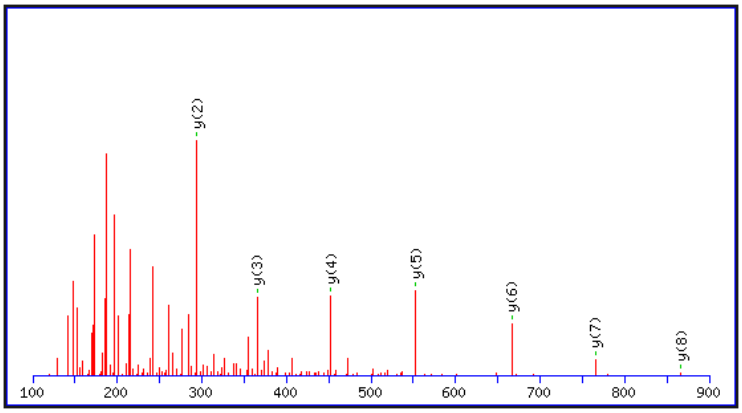
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	58.03	29.52			G							11
2	**157.10**	79.05			V	1058.62	529.81	1041.59	521.30	1040.61	520.81	10
3	**256.17**	128.59			V	**959.55**	480.28	**942.53**	471.77	941.54	471.27	9
4	**369.25**	**185.13**			I	**860.48**	430.75	843.46	422.23	**842.47**	421.74	8
5	482.33	241.67			I	**747.40**	374.20	730.37	365.69	**729.39**	365.20	7
6	597.36	299.18	579.35	290.18	D	**634.32**	317.66	**617.29**	309.15	**616.30**	308.66	6
7	654.38	327.69	636.37	318.69	G	**519.29**	260.15	**502.26**	251.63	**501.28**	251.14	5
8	741.41	371.21	723.40	362.21	S	**462.27**	231.64	445.24	223.12	444.26	222.63	4
9	**842.46**	421.73	824.45	412.73	T	**375.24**	188.12	358.21	179.61	**357.22**	179.12	3
10	941.53	471.27	923.52	**462.26**	V	**274.19**	137.60	257.16	129.08			2
11					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID639 **LGALGLLLETAR**



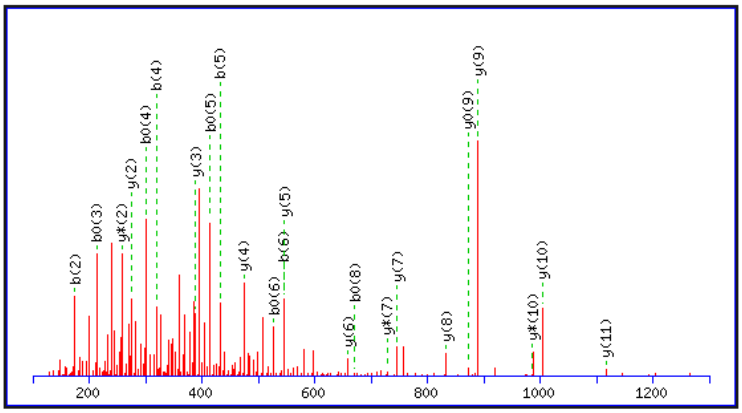
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			L							12
2	171.11	86.06			G	**1113.66**	557.33	1096.64	548.82	1095.65	548.33	11
3	**242.15**	121.58			A	1056.64	528.82	1039.61	520.31	1038.63	519.82	10
4	355.23	178.12			L	**985.60**	493.31	968.58	484.79	967.59	484.30	9
5	412.26	206.63			G	**872.52**	436.76	855.49	428.25	854.51	427.76	8
6	525.34	263.17			L	**815.50**	408.25	798.47	399.74	797.49	399.25	7
7	638.42	319.72			L	**702.41**	351.71	685.39	343.20	684.40	342.71	6
8	751.51	376.26			L	**589.33**	295.17	572.30	286.66	571.32	286.16	5
9	880.55	440.78	862.54	431.77	E	**476.25**	238.63	459.22	230.11	458.24	229.62	4
10	981.60	491.30	963.59	482.30	T	**347.20**	174.11	330.18	165.59	329.19	165.10	3
11	1052.63	526.82	1034.62	517.82	A	246.16	123.58	229.13	115.07			2
12					R	175.12	88.06	158.09	79.55			1

MS/MS Fragmentation of ID640 **LTVLTSAFK**



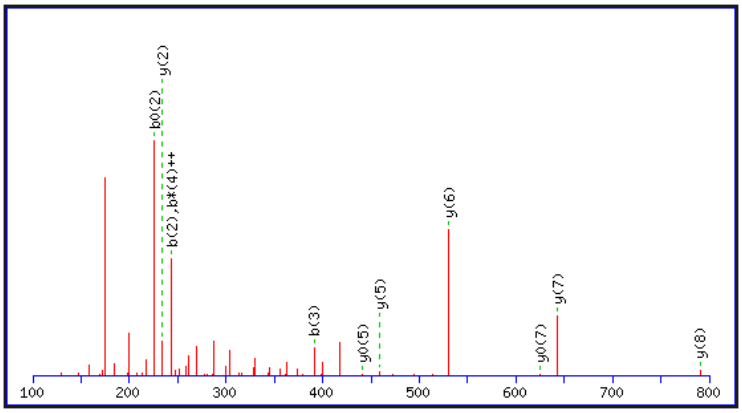
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			L							9
2	215.14	108.07	197.13	99.07	T	**866.50**	433.75	849.47	425.24	848.49	424.75	8
3	314.21	157.61	296.20	148.60	V	**765.45**	383.23	748.42	374.72	747.44	374.22	7
4	427.29	214.15	409.28	205.14	L	**666.38**	333.69	649.36	325.18	648.37	324.69	6
5	528.34	264.67	510.33	255.67	T	**553.30**	277.15	536.27	268.64	535.29	268.15	5
6	615.37	308.19	597.36	299.18	S	**452.25**	226.63	435.22	218.12	434.24	217.62	4
7	686.41	343.71	668.40	334.70	A	**365.22**	183.11	348.19	174.60			3
8	833.48	417.24	815.47	408.24	F	**294.18**	147.59	277.15	139.08			2
9					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID641 **SSGSLIGSSIASIQK**



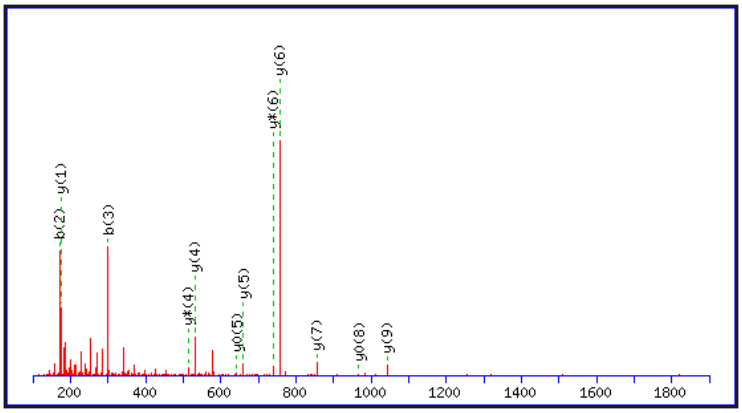
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.04	44.52			70.03	35.52	S							15
2	**175.07**	88.04			157.06	79.03	S	1347.75	674.38	1330.72	665.86	1329.74	665.37	14
3	232.09	116.55			**214.08**	107.54	G	1260.72	630.86	1243.69	622.35	1242.71	621.86	13
4	**319.12**	160.07			**301.11**	151.06	S	1203.69	602.35	1186.67	593.84	1185.68	593.35	12
5	**432.21**	216.61			**414.20**	207.60	L	**1116.66**	558.83	1099.64	550.32	1098.65	549.83	11
6	**545.29**	273.15			**527.28**	264.14	I	**1003.58**	502.29	**986.55**	493.78	985.57	493.29	10
7	602.31	301.66			584.30	292.66	G	**890.49**	445.75	873.47	437.24	**872.48**	436.75	9
8	689.35	345.18			**671.34**	336.17	S	**833.47**	417.24	816.45	408.73	815.46	408.23	8
9	776.38	388.69			758.37	379.69	S	**746.44**	373.72	**729.41**	365.21	728.43	364.72	7
10	889.46	445.23			871.45	436.23	I	**659.41**	330.21	642.38	321.69	641.40	321.20	6
11	960.50	480.75			942.49	471.75	A	**546.32**	273.67	529.30	265.15	528.31	264.66	5
12	1047.53	524.27			1029.52	515.26	S	**475.29**	238.15	458.26	229.63	457.28	229.14	4
13	1160.62	580.81			1142.61	571.81	I	**388.26**	194.63	371.23	186.12			3
14	1288.67	644.84	1271.65	636.33	1270.66	635.84	Q	**275.17**	138.09	**258.14**	129.58			2
15							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID642 **SRFLAGAPSK**



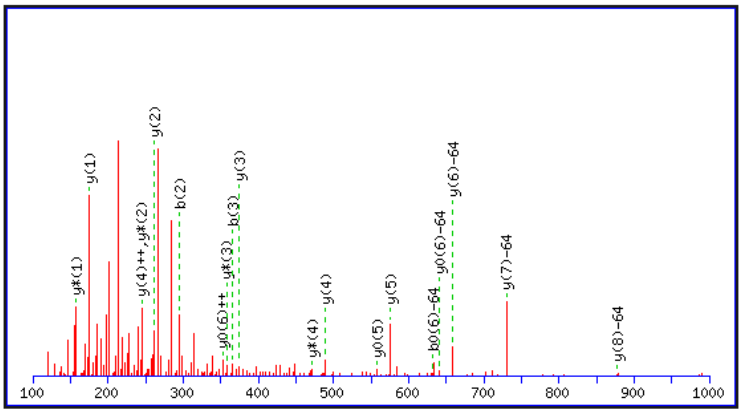
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.04	44.52			70.03	35.52	S							10
2	**244.14**	122.57	227.11	114.06	**226.13**	113.57	R	946.55	473.78	929.52	465.26	928.54	464.77	9
3	**391.21**	196.11	374.18	187.59	373.20	187.10	F	**790.45**	395.73	773.42	387.21	772.44	386.72	8
4	504.29	252.65	487.27	**244.14**	486.28	243.64	L	**643.38**	322.19	626.35	313.68	**625.37**	313.19	7
5	575.33	288.17	558.30	279.66	557.32	279.16	A	**530.29**	265.65	513.27	257.14	512.28	256.64	6
6	632.35	316.68	615.32	308.17	614.34	307.67	G	**459.26**	230.13	442.23	221.62	**441.25**	221.13	5
7	703.39	352.20	686.36	343.68	685.38	343.19	A	402.23	201.62	385.21	193.11	384.22	192.62	4
8	800.44	400.72	783.41	392.21	782.43	391.72	P	331.20	166.10	314.17	157.59	313.19	157.10	3
9	887.47	444.24	870.45	435.73	869.46	435.24	S	**234.14**	117.58	217.12	109.06	216.13	108.57	2
10							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID644 **LGEVPENLER**



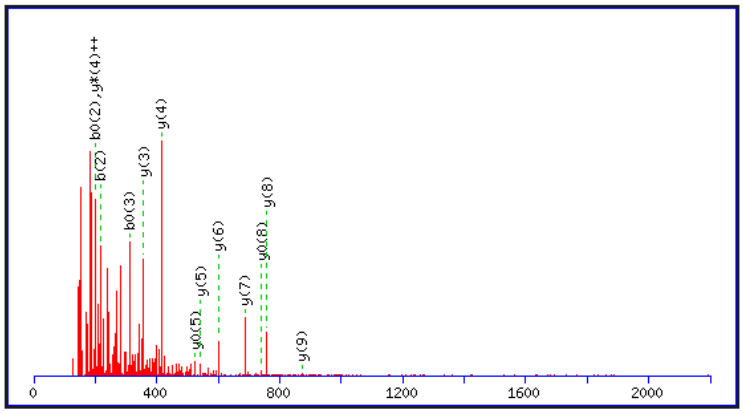
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					L							10
2	**171.11**	86.06					G	**1042.52**	521.76	1025.49	513.25	1024.51	512.76	9
3	**300.16**	150.58			282.14	141.58	E	985.49	493.25	968.47	484.74	**967.48**	484.25	8
4	399.22	200.12			381.21	191.11	V	**856.45**	428.73	839.43	420.22	838.44	419.72	7
5	496.28	248.64			478.27	239.64	P	**757.38**	379.20	**740.36**	370.68	739.37	370.19	6
6	625.32	313.16			607.31	304.16	E	**660.33**	330.67	643.30	322.16	**642.32**	321.66	5
7	739.36	370.18	722.34	361.67	721.35	361.18	N	**531.29**	266.15	**514.26**	257.63	513.28	257.14	4
8	852.45	426.73	835.42	418.21	834.44	417.72	L	417.25	209.13	400.22	200.61	399.24	200.12	3
9	981.49	491.25	964.46	482.73	963.48	482.24	E	304.16	152.58	287.13	144.07	286.15	143.58	2
10							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID650 **FFAMSNLSR**



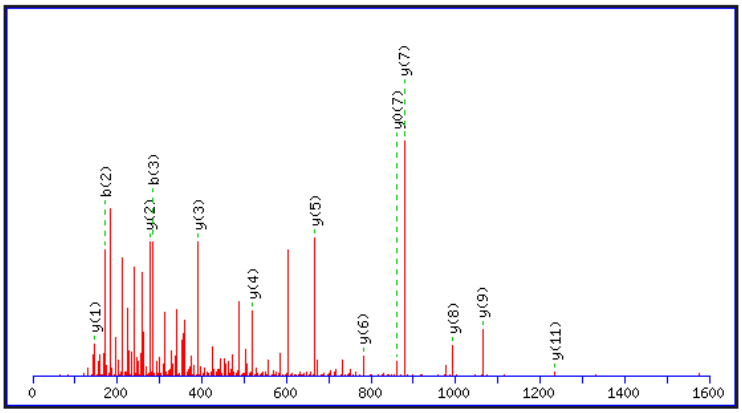
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	148.08	74.54					F							9
2	**295.14**	148.08					F	**877.45**	439.23	860.43	430.72	859.44	430.22	8
3	**366.18**	183.59					A	**730.38**	365.70	713.36	357.18	712.37	356.69	7
4	449.22	225.11					M	**659.35**	330.18	642.32	321.66	**641.34**	321.17	6
5	536.25	268.63			518.24	259.62	S	**576.31**	288.66	559.28	280.15	**558.30**	279.65	5
6	650.29	325.65	633.27	317.14	**632.28**	316.65	N	**489.28**	**245.14**	**472.25**	236.63	471.27	236.14	4
7	763.38	382.19	746.35	373.68	745.37	373.19	L	**375.24**	188.12	**358.21**	179.61	357.22	179.12	3
8	850.41	425.71	833.38	417.20	832.40	416.70	S	**262.15**	131.58	**245.12**	123.07	244.14	122.57	2
9							R	**175.12**	88.06	**158.09**	79.55			1

MS/MS Fragmentation of ID651 **DTIASGEGPIK**



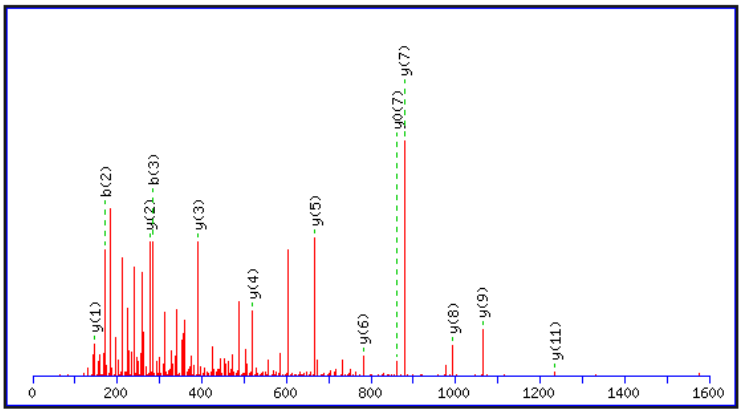
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	116.03	58.52	98.02	49.52	D							11
2	**217.08**	109.04	**199.07**	100.04	T	972.54	486.77	955.51	478.26	954.53	477.77	10
3	330.17	165.59	**312.16**	156.58	I	**871.49**	436.25	854.46	427.73	853.48	427.24	9
4	401.20	201.11	383.19	192.10	A	**758.40**	379.71	741.38	371.19	**740.39**	370.70	8
5	488.24	244.62	470.22	235.62	S	**687.37**	344.19	670.34	335.67	669.36	335.18	7
6	545.26	273.13	527.25	264.13	G	**600.34**	300.67	583.31	292.16	582.32	291.67	6
7	674.30	337.65	656.29	328.65	E	**543.31**	272.16	526.29	263.65	**525.30**	263.16	5
8	731.32	366.16	713.31	357.16	G	**414.27**	207.64	397.24	**199.13**			4
9	828.37	414.69	810.36	405.69	P	**357.25**	179.13	340.22	170.62			3
10	941.46	471.23	923.45	462.23	I	260.20	130.60	243.17	122.09			2
11					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID652 **LGIANPDFEDEK**



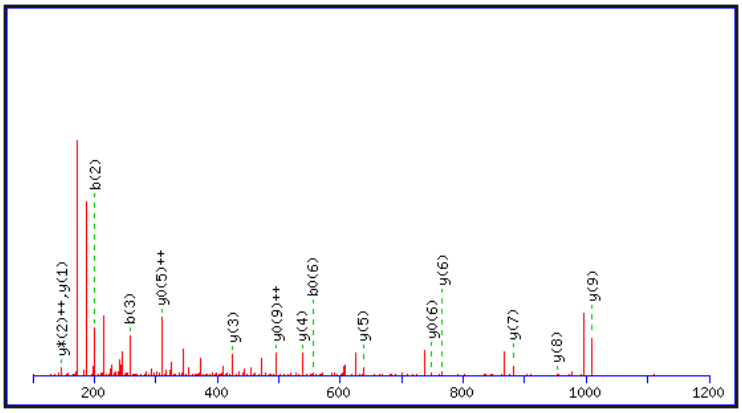
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					L							12
2	**171.11**	86.06					G	**1234.56**	617.78	1217.53	609.27	1216.55	608.78	11
3	**284.20**	142.60					I	1177.54	589.27	1160.51	580.76	1159.53	580.27	10
4	355.23	178.12					A	**1064.45**	532.73	1047.43	524.22	1046.44	523.72	9
5	469.28	235.14	452.25	226.63			N	**993.42**	497.21	976.39	488.70	975.41	488.21	8
6	566.33	283.67	549.30	275.16			P	**879.37**	440.19	862.35	431.68	**861.36**	431.18	7
7	681.36	341.18	664.33	332.67	663.35	332.18	D	**782.32**	391.66	765.29	383.15	764.31	382.66	6
8	828.43	414.72	811.40	406.20	810.41	405.71	F	**667.29**	334.15	650.27	325.64	649.28	325.15	5
9	957.47	479.24	940.44	470.72	939.46	470.23	E	**520.22**	260.62	503.20	252.10	502.21	251.61	4
10	1072.49	536.75	1055.47	528.24	1054.48	527.75	D	**391.18**	196.09	374.16	187.58	373.17	187.09	3
11	1201.54	601.27	1184.51	592.76	1183.53	592.27	E	**276.16**	138.58	259.13	130.07	258.14	129.58	2
12							K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID653 **LGIANPDFEDEK**



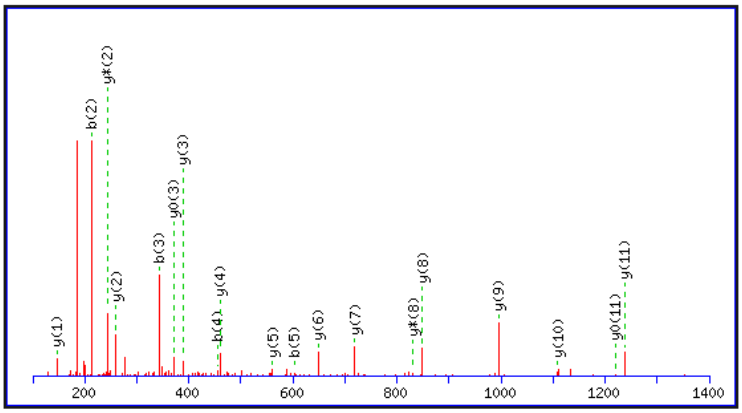
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					L							12
2	**171.11**	86.06					G	**1234.56**	617.78	1217.53	609.27	1216.55	608.78	11
3	**284.20**	142.60					I	1177.54	589.27	1160.51	580.76	1159.53	580.27	10
4	355.23	178.12					A	**1064.45**	532.73	1047.43	524.22	1046.44	523.72	9
5	469.28	235.14	452.25	226.63			N	**993.42**	497.21	976.39	488.70	975.41	488.21	8
6	566.33	283.67	549.30	275.16			P	**879.37**	440.19	862.35	431.68	**861.36**	431.18	7
7	681.36	341.18	664.33	332.67	663.35	332.18	D	**782.32**	391.66	765.29	383.15	764.31	382.66	6
8	828.43	414.72	811.40	406.20	810.41	405.71	F	**667.29**	334.15	650.27	325.64	649.28	325.15	5
9	957.47	479.24	940.44	470.72	939.46	470.23	E	**520.22**	260.62	503.20	252.10	502.21	251.61	4
10	1072.49	536.75	1055.47	528.24	1054.48	527.75	D	**391.18**	196.09	374.16	187.58	373.17	187.09	3
11	1201.54	601.27	1184.51	592.76	1183.53	592.27	E	**276.16**	138.58	259.13	130.07	258.14	129.58	2
12							K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID654 **SLGADEVLDYK**



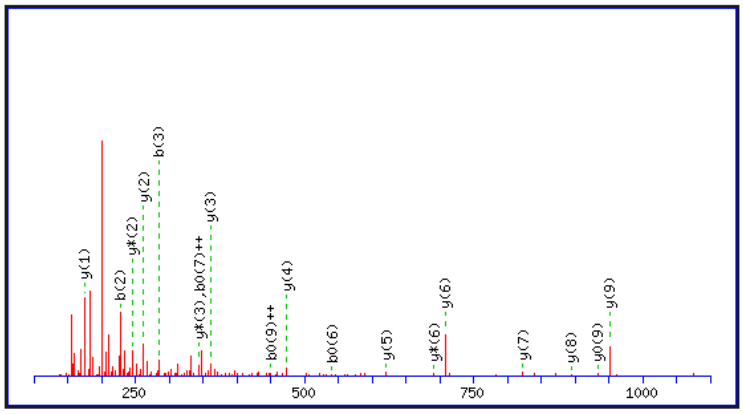
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.04	44.52	70.03	35.52	S							11
2	**201.12**	101.07	183.11	92.06	L	1122.57	561.79	1105.54	553.27	1104.56	552.78	10
3	**258.14**	129.58	240.13	120.57	G	**1009.48**	505.25	992.46	496.73	991.47	**496.24**	9
4	329.18	165.09	311.17	156.09	A	**952.46**	476.73	935.44	468.22	934.45	467.73	8
5	444.21	222.61	426.20	213.60	D	**881.43**	441.22	864.40	432.70	863.41	432.21	7
6	573.25	287.13	**555.24**	278.12	E	**766.40**	383.70	749.37	375.19	**748.39**	374.70	6
7	672.32	336.66	654.31	327.66	V	**637.36**	319.18	620.33	310.67	619.34	**310.18**	5
8	785.40	393.21	767.39	384.20	L	**538.29**	269.65	521.26	261.13	520.28	260.64	4
9	900.43	450.72	882.42	441.71	D	**425.20**	213.11	408.18	204.59	407.19	204.10	3
10	1063.49	532.25	1045.48	523.25	Y	**310.18**	155.59	293.15	**147.08**			2
11					K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID657 **VIEIFEASTAEIK**



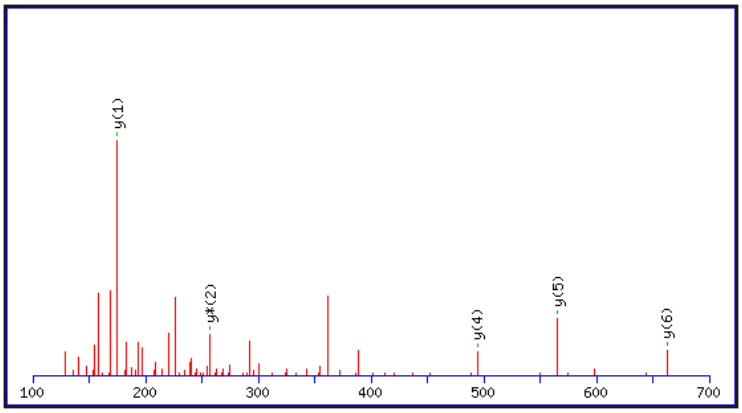
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	100.08	50.54			V							13
2	**213.16**	107.08			I	1350.72	675.86	1333.69	667.35	1332.70	666.86	12
3	**342.20**	171.60	324.19	162.60	E	**1237.63**	619.32	1220.60	610.81	**1219.62**	610.31	11
4	**455.29**	228.15	437.28	219.14	I	**1108.59**	554.80	1091.56	546.28	1090.58	545.79	10
5	**602.35**	301.68	584.34	292.68	F	**995.50**	498.26	978.48	489.74	977.49	489.25	9
6	731.40	366.20	713.39	357.20	E	**848.44**	424.72	**831.41**	416.21	830.43	415.72	8
7	802.43	401.72	784.42	392.72	A	**719.39**	360.20	702.37	351.69	701.38	351.20	7
8	889.47	445.24	871.46	436.23	S	**648.36**	324.68	631.33	316.17	630.35	315.68	6
9	990.51	495.76	972.50	486.76	T	**561.32**	281.17	544.30	272.65	543.31	272.16	5
10	1061.55	531.28	1043.54	522.27	A	**460.28**	230.64	443.25	222.13	442.27	221.64	4
11	1190.59	595.80	1172.58	586.80	E	**389.24**	195.12	372.21	186.61	**371.23**	186.12	3
12	1303.68	652.34	1285.67	643.34	I	**260.20**	130.60	**243.17**	122.09			2
13					K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID663 **NLGADSFLVSR**



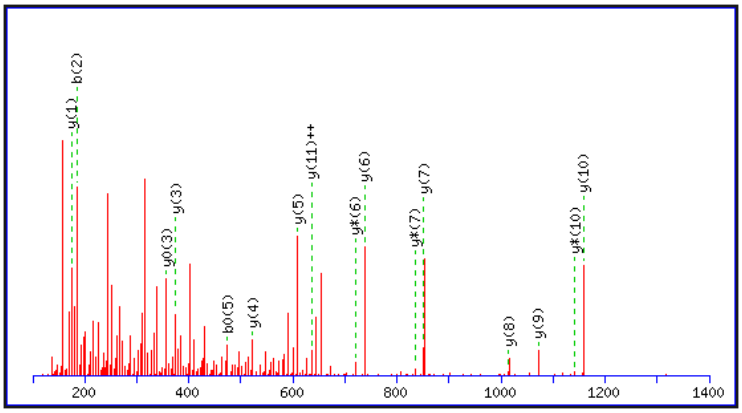
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	115.05	58.03	98.02	49.52			N							11
2	**228.13**	114.57	211.11	106.06			L	1064.57	532.79	1047.55	524.28	1046.56	523.79	10
3	**285.16**	143.08	268.13	134.57			G	**951.49**	476.25	934.46	467.74	**933.48**	467.24	9
4	356.19	178.60	339.17	170.09			A	**894.47**	447.74	877.44	439.22	876.46	438.73	8
5	471.22	236.11	454.19	227.60	453.21	227.11	D	**823.43**	412.22	806.40	403.71	805.42	403.21	7
6	558.25	279.63	541.23	271.12	**540.24**	270.62	S	**708.40**	354.71	**691.38**	346.19	690.39	345.70	6
7	705.32	353.16	688.29	344.65	687.31	**344.16**	F	**621.37**	311.19	604.35	302.68	603.36	302.18	5
8	818.40	409.71	801.38	401.19	800.39	400.70	L	**474.30**	237.66	457.28	229.14	456.29	228.65	4
9	917.47	459.24	900.45	450.73	899.46	**450.23**	V	**361.22**	181.11	**344.19**	172.60	343.21	172.11	3
10	1004.50	502.76	987.48	494.24	986.49	493.75	S	**262.15**	131.58	**245.12**	123.07	244.14	122.57	2
11							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID664 **KAPAGYVR**



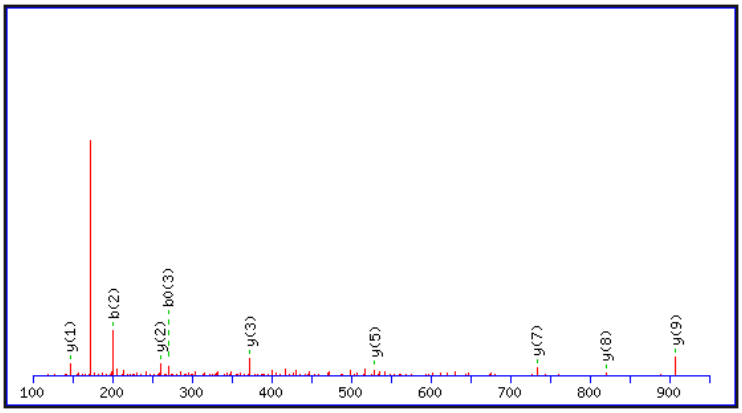
#	b	b^{++}	b*	b^{*++}	Seq.	y	y^{++}	y*	y^{*++}	#
1	129.10	65.05	112.08	56.54	K					8
2	200.14	100.57	183.11	92.06	A	733.40	367.20	716.37	358.69	7
3	297.19	149.10	280.17	140.59	P	**662.36**	331.68	645.34	323.17	6
4	368.23	184.62	351.20	176.10	A	**565.31**	283.16	548.28	274.64	5
5	425.25	213.13	408.22	204.62	G	**494.27**	247.64	477.25	239.13	4
6	588.31	294.66	571.29	286.15	Y	437.25	219.13	420.22	210.62	3
7	687.38	344.19	670.36	335.68	V	274.19	137.60	**257.16**	129.08	2
8					R	**175.12**	88.06	158.09	79.55	1

MS/MS Fragmentation of ID669 **ALSGYNQSFSLR**



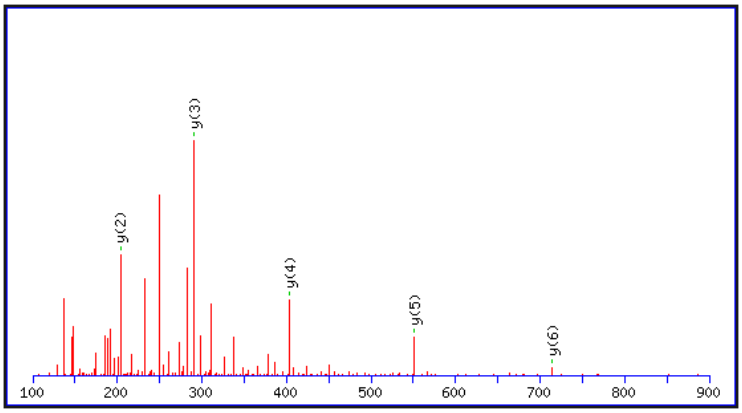
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53					A							12
2	**185.13**	93.07					L	1271.64	**636.32**	1254.61	627.81	1253.63	627.32	11
3	272.16	136.58			254.15	127.58	S	**1158.55**	579.78	**1141.53**	571.27	1140.54	570.78	10
4	329.18	165.09			311.17	156.09	G	**1071.52**	536.26	1054.50	527.75	1053.51	527.26	9
5	492.25	246.63			**474.23**	237.62	Y	**1014.50**	507.75	997.47	499.24	996.49	498.75	8
6	606.29	303.65	589.26	295.13	588.28	294.64	N	**851.44**	426.22	**834.41**	417.71	833.43	417.22	7
7	734.35	367.68	717.32	359.16	716.34	358.67	Q	**737.39**	369.20	**720.37**	360.69	719.38	360.20	6
8	821.38	411.19	804.35	402.68	803.37	402.19	S	**609.34**	305.17	592.31	296.66	591.32	296.17	5
9	968.45	484.73	951.42	476.21	950.44	475.72	F	**522.30**	261.66	505.28	253.14	504.29	252.65	4
10	1055.48	528.24	1038.45	519.73	1037.47	519.24	S	**375.24**	188.12	358.21	179.61	**357.22**	179.12	3
11	1168.56	584.79	1151.54	576.27	1150.55	575.78	L	288.20	144.61	271.18	136.09			2
12							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID671 **SISSGFGVLLK**



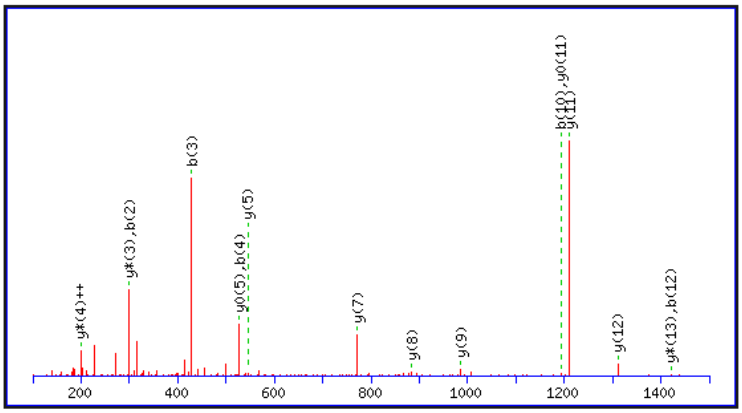
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.04	44.52	70.03	35.52	S							11
2	**201.12**	101.07	183.11	92.06	I	1020.61	510.81	1003.58	502.29	1002.60	501.80	10
3	288.16	144.58	**270.14**	135.58	S	**907.52**	454.27	890.50	445.75	889.51	445.26	9
4	375.19	188.10	357.18	179.09	S	**820.49**	410.75	803.47	402.24	802.48	401.74	8
5	432.21	216.61	414.20	207.60	G	**733.46**	367.23	716.43	358.72			7
6	579.28	290.14	561.27	281.14	F	676.44	338.72	659.41	330.21			6
7	636.30	318.65	618.29	309.65	G	**529.37**	265.19	512.34	256.68			5
8	735.37	368.19	717.36	359.18	V	472.35	236.68	455.32	228.17			4
9	848.45	424.73	830.44	415.72	L	**373.28**	187.14	356.25	178.63			3
10	961.54	481.27	943.52	472.27	L	**260.20**	130.60	243.17	122.09			2
11					K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID672 **NYYFISGK**



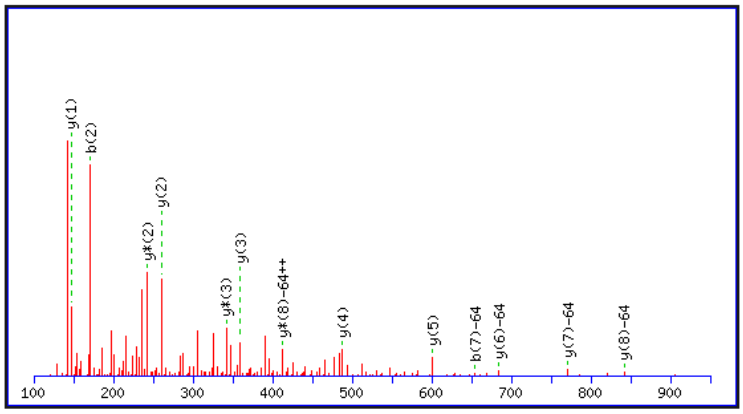
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	115.05	58.03	98.02	49.52			N							8
2	278.11	139.56	261.09	131.05			Y	877.45	439.23	860.42	430.71	859.43	430.22	7
3	441.18	221.09	424.15	212.58			Y	**714.38**	357.69	697.36	349.18	696.37	348.69	6
4	588.25	294.63	571.22	286.11			F	**551.32**	276.16	534.29	267.65	533.31	267.16	5
5	701.33	351.17	684.30	342.66			I	**404.25**	202.63	387.22	194.12	386.24	193.62	4
6	788.36	394.68	771.33	386.17	770.35	385.68	S	**291.17**	146.09	274.14	137.57	273.16	137.08	3
7	845.38	423.20	828.36	414.68	827.37	414.19	G	**204.13**	102.57	187.11	94.06			2
8							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID677 **LWQVPETLPEEVLGK**



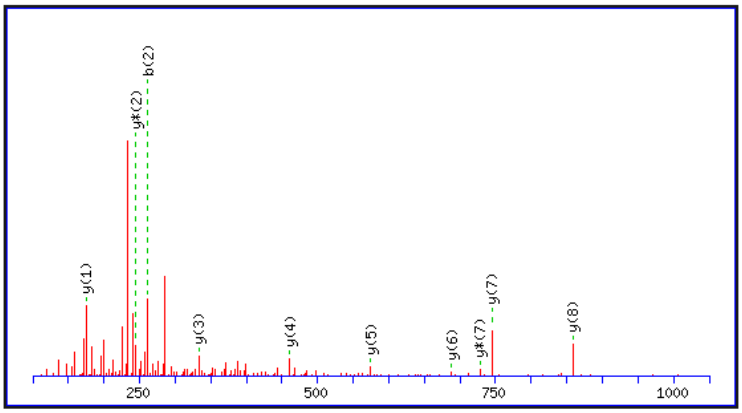
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					L							15
2	**300.17**	150.59					W	1624.86	812.93	1607.83	804.42	1606.85	803.93	14
3	**428.23**	214.62	411.20	206.10			Q	1438.78	719.89	**1421.75**	711.38	1420.77	710.89	13
4	**527.30**	264.15	510.27	255.64			V	**1310.72**	655.86	1293.69	647.35	1292.71	646.86	12
5	624.35	312.68	607.32	304.17			P	**1211.65**	606.33	1194.63	597.82	**1193.64**	597.32	11
6	753.39	377.20	736.37	368.69	735.38	368.19	E	1114.60	557.80	1097.57	549.29	1096.59	548.80	10
7	854.44	427.72	837.41	419.21	836.43	418.72	T	**985.56**	493.28	968.53	484.77	967.55	484.28	9
8	967.52	484.27	950.50	475.75	949.51	475.26	L	**884.51**	442.76	867.48	434.24	866.50	433.75	8
9	1064.58	532.79	1047.55	524.28	1046.57	523.79	P	**771.42**	386.22	754.40	377.70	753.41	377.21	7
10	**1193.62**	597.31	1176.59	588.80	1175.61	588.31	E	674.37	337.69	657.35	329.18	656.36	328.68	6
11	1322.66	661.83	1305.64	653.32	1304.65	652.83	E	**545.33**	273.17	528.30	264.66	**527.32**	264.16	5
12	**1421.73**	711.37	1404.70	702.86	1403.72	702.36	V	416.29	208.65	399.26	**200.13**			4
13	1534.82	767.91	1517.79	759.40	1516.80	758.91	L	317.22	159.11	**300.19**	150.60			3
14	1591.84	796.42	1574.81	787.91	1573.83	787.42	G	204.13	102.57	187.11	94.06			2
15							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID684 **GLASMIEVIK**



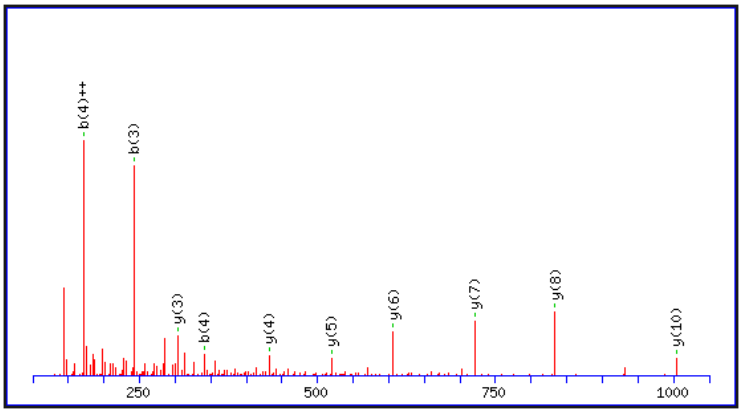
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	58.03	29.52			G							10
2	**171.11**	86.06			L	955.58	478.29	938.56	469.78	937.57	469.29	9
3	242.15	121.58			A	**842.50**	421.75	825.47	**413.24**	824.49	412.75	8
4	329.18	165.09	311.17	156.09	S	**771.46**	386.23	754.43	377.72	753.45	377.23	7
5	412.22	206.61	394.21	197.61	M	**684.43**	342.72	667.40	334.20	666.42	333.71	6
6	525.30	263.16	507.29	254.15	I	**601.39**	301.20	584.37	292.69	583.38	292.19	5
7	**654.35**	327.68	636.34	318.67	E	**488.31**	244.66	471.28	236.14	470.30	235.65	4
8	753.41	377.21	735.40	368.21	V	**359.27**	180.14	**342.24**	171.62			3
9	866.50	433.75	848.49	424.75	I	**260.20**	130.60	**243.17**	122.09			2
10					K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID694 **LFLGNLQASR**



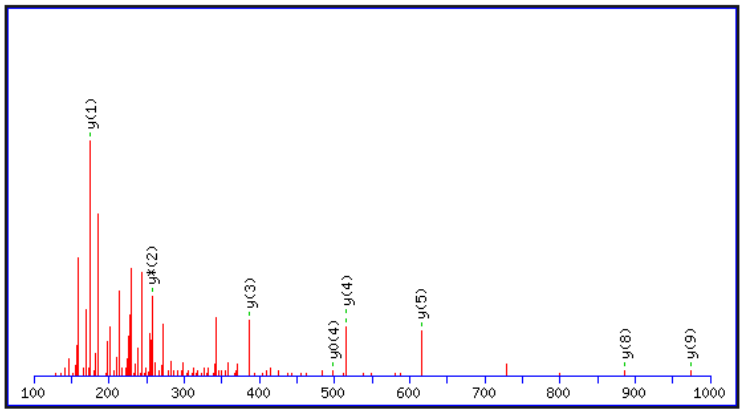
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					L							10
2	**261.16**	131.08					F	1005.55	503.28	988.52	494.76	987.54	494.27	9
3	374.24	187.63					L	**858.48**	429.74	841.45	421.23	840.47	420.74	8
4	431.27	216.14					G	**745.40**	373.20	**728.37**	364.69	727.38	364.20	7
5	545.31	273.16	528.28	264.64			N	**688.37**	344.69	671.35	336.18	670.36	335.69	6
6	658.39	329.70	641.37	321.19			L	**574.33**	287.67	557.30	279.16	556.32	278.66	5
7	786.45	393.73	769.42	385.22			Q	**461.25**	231.13	444.22	222.61	443.24	222.12	4
8	857.49	429.25	840.46	420.73			A	**333.19**	167.10	316.16	158.58	315.18	158.09	3
9	944.52	472.76	927.49	464.25	926.51	463.76	S	262.15	131.58	**245.12**	123.07	244.14	122.57	2
10							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID696 **AVAVLNSSEGVK**



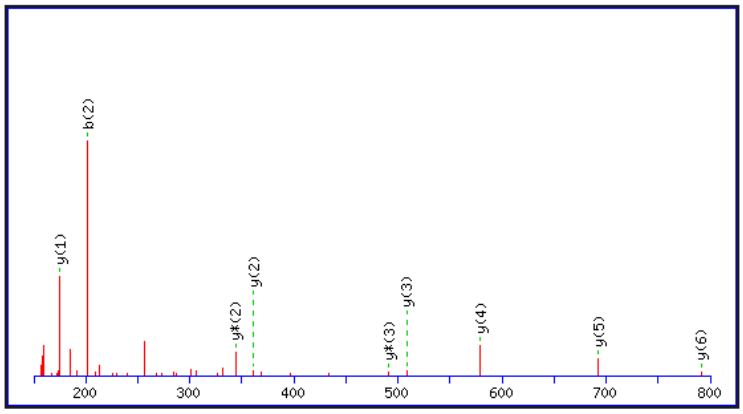
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53					A							12
2	**171.11**	86.06					V	1102.61	551.81	1085.58	543.30	1084.60	542.80	11
3	**242.15**	121.58					A	**1003.54**	502.27	986.52	493.76	985.53	493.27	10
4	**341.22**	**171.11**					V	932.50	466.76	915.48	458.24	914.49	457.75	9
5	454.30	227.65					L	**833.44**	417.22	816.41	408.71	815.43	408.22	8
6	568.35	284.68	551.32	276.16			N	**720.35**	360.68	703.33	352.17	702.34	351.67	7
7	655.38	328.19	638.35	319.68	637.37	319.19	S	**606.31**	303.66	589.28	295.15	588.30	294.65	6
8	742.41	371.71	725.38	363.20	724.40	362.70	S	**519.28**	260.14	502.25	251.63	501.27	251.14	5
9	871.45	436.23	854.43	427.72	853.44	427.22	E	**432.25**	216.63	415.22	208.11	414.23	207.62	4
10	928.47	464.74	911.45	456.23	910.46	455.74	G	**303.20**	152.10	286.18	143.59			3
11	1027.54	514.27	1010.52	505.76	1009.53	505.27	V	246.18	123.59	229.15	115.08			2
12							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID703 **VSSALVEIVR**



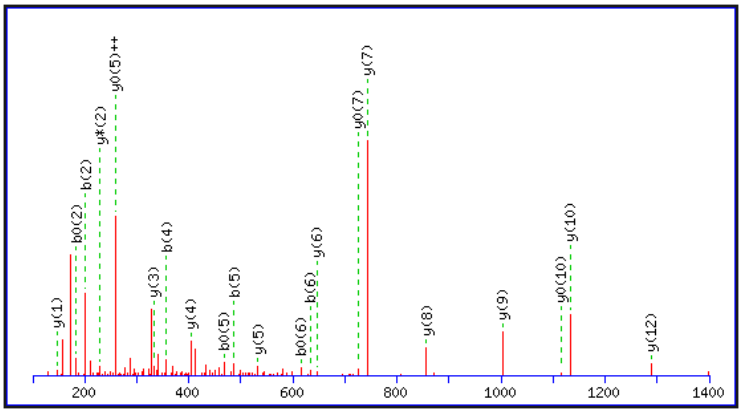
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	100.08	50.54			V							10
2	187.11	94.06	169.10	85.05	S	**973.57**	487.29	956.54	478.77	955.56	478.28	9
3	274.14	137.57	256.13	128.57	S	**886.54**	443.77	869.51	435.26	868.53	434.77	8
4	345.18	173.09	327.17	164.09	A	799.50	400.26	782.48	391.74	781.49	391.25	7
5	458.26	229.63	440.25	220.63	L	728.47	364.74	711.44	356.22	710.46	355.73	6
6	557.33	279.17	539.32	270.16	V	**615.38**	308.19	598.36	299.68	597.37	299.19	5
7	686.37	343.69	668.36	334.68	E	**516.31**	258.66	499.29	250.15	**498.30**	249.66	4
8	799.46	400.23	781.45	391.23	I	**387.27**	194.14	370.24	185.63			3
9	898.52	449.77	880.51	440.76	V	274.19	137.60	**257.16**	129.08			2
10					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID706 **SNVLAFWR**



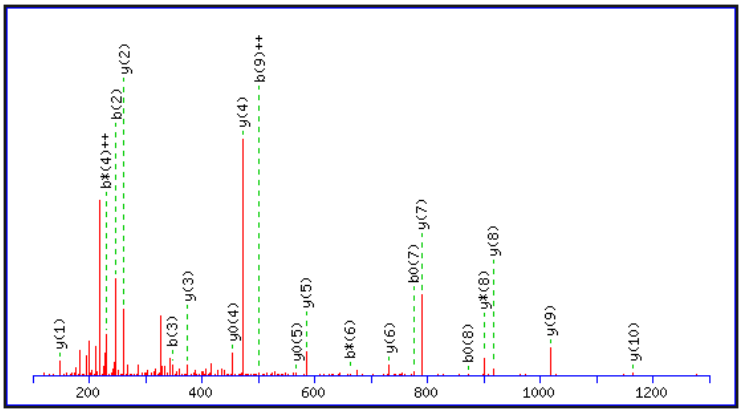
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	#
1	88.04	44.52			70.03	35.52	S					8
2	**202.08**	101.54	185.06	93.03	184.07	92.54	N	905.50	453.25	888.47	444.74	7
3	301.15	151.08	284.12	142.57	283.14	142.07	V	**791.46**	396.23	774.43	387.72	6
4	414.23	207.62	397.21	199.11	396.22	198.62	L	**692.39**	346.70	675.36	338.18	5
5	485.27	243.14	468.25	234.63	467.26	234.13	A	**579.30**	290.16	562.28	281.64	4
6	632.34	316.67	615.31	308.16	614.33	307.67	F	**508.27**	254.64	**491.24**	246.12	3
7	818.42	409.71	801.39	401.20	800.41	400.71	W	**361.20**	181.10	**344.17**	172.59	2
8							R	**175.12**	88.06	158.09	79.55	1

MS/MS Fragmentation of ID707 **SLGVEFIPLEASVK**



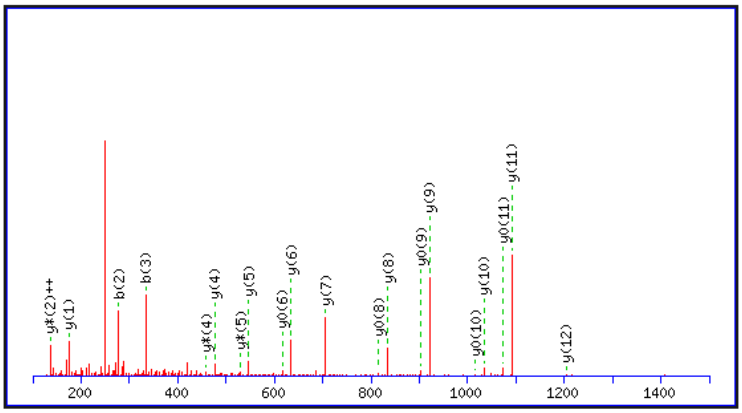
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.04	44.52	70.03	35.52	S							14
2	**201.12**	101.07	**183.11**	92.06	L	1401.80	701.40	1384.77	692.89	1383.79	692.40	13
3	**258.14**	129.58	240.13	120.57	G	**1288.71**	644.86	1271.69	636.35	1270.70	635.86	12
4	**357.21**	179.11	339.20	170.10	V	1231.69	616.35	1214.67	607.84	1213.68	607.34	11
5	**486.26**	243.63	**468.25**	234.63	E	**1132.62**	566.82	1115.60	558.30	**1114.61**	557.81	10
6	**633.32**	317.17	**615.31**	308.16	F	**1003.58**	502.29	986.56	493.78	985.57	493.29	9
7	746.41	373.71	728.40	364.70	I	**856.51**	428.76	839.49	420.25	838.50	419.76	8
8	843.46	422.23	825.45	413.23	P	**743.43**	372.22	726.40	363.71	**725.42**	363.21	7
9	956.55	478.78	938.53	469.77	L	**646.38**	323.69	629.35	315.18	628.37	314.69	6
10	1085.59	543.30	1067.58	534.29	E	**533.29**	267.15	516.27	258.64	515.28	**258.14**	5
11	1156.62	578.82	1138.61	569.81	A	**404.25**	202.63	387.22	194.12	386.24	193.62	4
12	1243.66	622.33	1225.65	613.33	S	**333.21**	167.11	316.19	158.60	315.20	158.10	3
13	1342.73	671.87	1324.71	662.86	V	246.18	123.59	**229.15**	115.08			2
14					K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID708 **VFTQGFLPLDK**



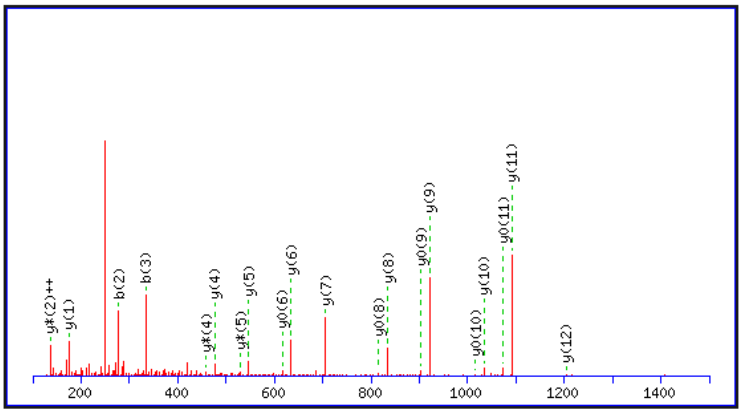
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	100.08	50.54					V							11
2	**247.14**	124.08					F	**1165.63**	583.32	1148.60	574.80	1147.61	574.31	10
3	**348.19**	174.60			330.18	165.59	T	**1018.56**	509.78	1001.53	501.27	1000.55	500.78	9
4	476.25	238.63	459.22	**230.12**	458.24	229.62	Q	**917.51**	459.26	**900.48**	450.74	899.50	450.25	8
5	533.27	267.14	516.25	258.63	515.26	258.13	G	**789.45**	395.23	772.42	386.72	771.44	386.22	7
6	680.34	340.67	**663.31**	332.16	662.33	331.67	F	**732.43**	366.72	715.40	358.20	714.42	357.71	6
7	793.42	397.22	776.40	388.70	**775.41**	388.21	L	**585.36**	293.18	568.33	284.67	**567.35**	284.18	5
8	890.48	445.74	873.45	437.23	**872.47**	436.74	P	**472.28**	236.64	455.25	228.13	**454.27**	227.64	4
9	1003.56	**502.28**	986.53	493.77	985.55	493.28	L	**375.22**	188.12	358.20	179.60	357.21	179.11	3
10	1118.59	559.80	1101.56	551.28	1100.58	550.79	D	**262.14**	131.57	245.11	123.06	244.13	122.57	2
11							K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID711 **YIGLSEASASTIR**



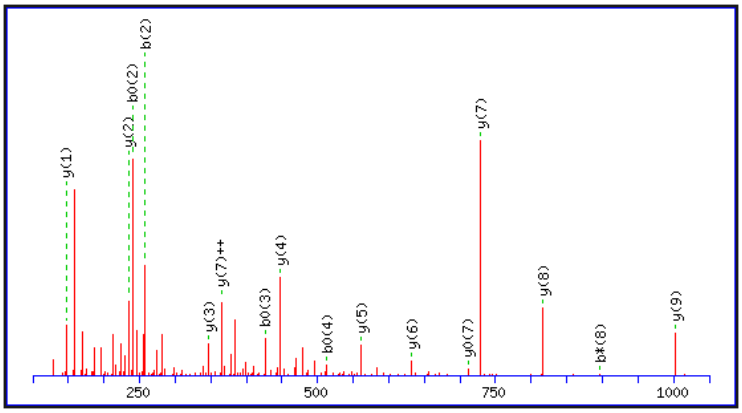
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	164.07	82.54			Y							13
2	**277.15**	139.08			I	**1204.65**	602.83	1187.63	594.32	1186.64	593.82	12
3	**334.18**	167.59			G	**1091.57**	546.29	1074.54	537.77	**1073.56**	537.28	11
4	447.26	224.13			L	**1034.55**	517.78	1017.52	509.26	**1016.54**	508.77	10
5	534.29	267.65	516.28	258.64	S	**921.46**	461.24	904.44	452.72	**903.45**	452.23	9
6	663.33	332.17	645.32	323.17	E	**834.43**	417.72	817.41	409.21	**816.42**	408.71	8
7	734.37	367.69	716.36	358.68	A	**705.39**	353.20	688.36	344.68	687.38	344.19	7
8	821.40	411.21	803.39	402.20	S	**634.35**	317.68	617.33	309.17	**616.34**	308.67	6
9	892.44	446.72	874.43	437.72	A	**547.32**	274.16	**530.29**	265.65	529.31	265.16	5
10	979.47	490.24	961.46	481.23	S	**476.28**	238.64	**459.26**	230.13	458.27	229.64	4
11	1080.52	540.76	1062.51	531.76	T	389.25	195.13	372.22	186.62	371.24	186.12	3
12	1193.60	597.31	1175.59	588.30	I	288.20	144.61	271.18	**136.09**			2
13					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID712 **YIGLSEASASTIR**



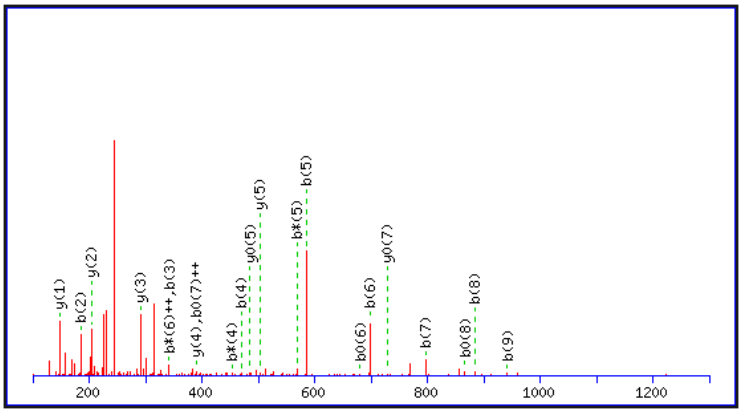
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	164.07	82.54			Y							13
2	**277.15**	139.08			I	**1204.65**	602.83	1187.63	594.32	1186.64	593.82	12
3	**334.18**	167.59			G	**1091.57**	546.29	1074.54	537.77	**1073.56**	537.28	11
4	447.26	224.13			L	**1034.55**	517.78	1017.52	509.26	**1016.54**	508.77	10
5	534.29	267.65	516.28	258.64	S	**921.46**	461.24	904.44	452.72	**903.45**	452.23	9
6	663.33	332.17	645.32	323.17	E	**834.43**	417.72	817.41	409.21	**816.42**	408.71	8
7	734.37	367.69	716.36	358.68	A	**705.39**	353.20	688.36	344.68	687.38	344.19	7
8	821.40	411.21	803.39	402.20	S	**634.35**	317.68	617.33	309.17	**616.34**	308.67	6
9	892.44	446.72	874.43	437.72	A	**547.32**	274.16	**530.29**	265.65	529.31	265.16	5
10	979.47	490.24	961.46	481.23	S	**476.28**	238.64	**459.26**	230.13	458.27	229.64	4
11	1080.52	540.76	1062.51	531.76	T	389.25	195.13	372.22	186.62	371.24	186.12	3
12	1193.60	597.31	1175.59	588.30	I	288.20	144.61	271.18	**136.09**			2
13					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID713 **EQWSPALTISK**



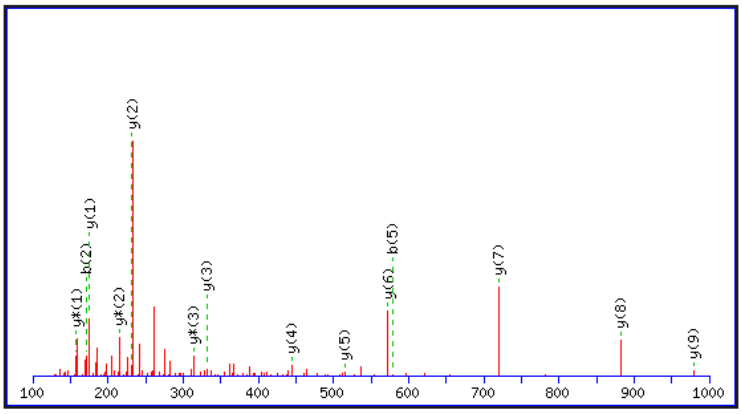
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	130.05	65.53			112.04	56.52	E							11
2	**258.11**	129.56	241.08	121.04	**240.10**	120.55	Q	1130.62	565.81	1113.59	557.30	1112.61	556.81	10
3	444.19	222.60	427.16	214.08	**426.18**	213.59	W	**1002.56**	501.78	985.54	493.27	984.55	492.78	9
4	531.22	266.11	514.19	257.60	**513.21**	257.11	S	**816.48**	408.74	799.46	400.23	798.47	399.74	8
5	628.27	314.64	611.25	306.13	610.26	305.63	P	**729.45**	**365.23**	712.42	356.72	**711.44**	356.22	7
6	699.31	350.16	682.28	341.65	681.30	341.15	A	**632.40**	316.70	615.37	308.19	614.39	307.70	6
7	812.39	406.70	795.37	398.19	794.38	397.70	L	**561.36**	281.18	544.33	272.67	543.35	272.18	5
8	913.44	457.22	**896.41**	448.71	895.43	448.22	T	**448.28**	224.64	431.25	216.13	430.27	215.64	4
9	1026.53	513.77	1009.50	505.25	1008.51	504.76	I	**347.23**	174.12	330.20	165.60	329.22	165.11	3
10	1113.56	557.28	1096.53	548.77	1095.55	548.28	S	**234.14**	117.58	217.12	109.06	216.13	108.57	2
11							K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID718 **AIREDIVSGK**



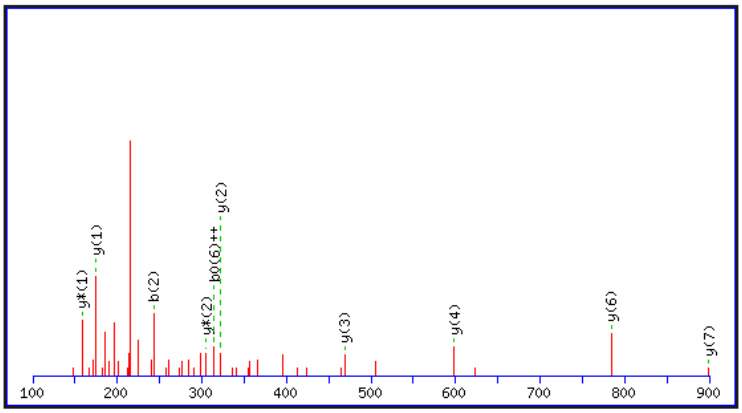
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53					A							10
2	**185.13**	93.07					I	1016.57	508.79	999.55	500.28	998.56	499.79	9
3	**341.23**	171.12	324.20	162.61			R	903.49	452.25	886.46	443.74	885.48	443.24	8
4	**470.27**	235.64	**453.25**	227.13	452.26	226.63	E	747.39	374.20	730.36	365.68	**729.38**	365.19	7
5	**585.30**	293.15	**568.27**	284.64	567.29	284.15	D	618.35	309.68	601.32	301.16	600.34	300.67	6
6	**698.38**	349.70	681.36	**341.18**	**680.37**	340.69	I	**503.32**	252.16	486.29	243.65	**485.31**	243.16	5
7	**797.45**	399.23	780.43	390.72	779.44	**390.22**	V	**390.23**	195.62	373.21	187.11	372.22	186.62	4
8	**884.48**	442.75	867.46	434.23	**866.47**	433.74	S	**291.17**	146.09	274.14	137.57	273.16	137.08	3
9	**941.51**	471.26	924.48	462.74	923.49	462.25	G	**204.13**	102.57	187.11	94.06			2
10							K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID733 **VAPYFGAIVGR**



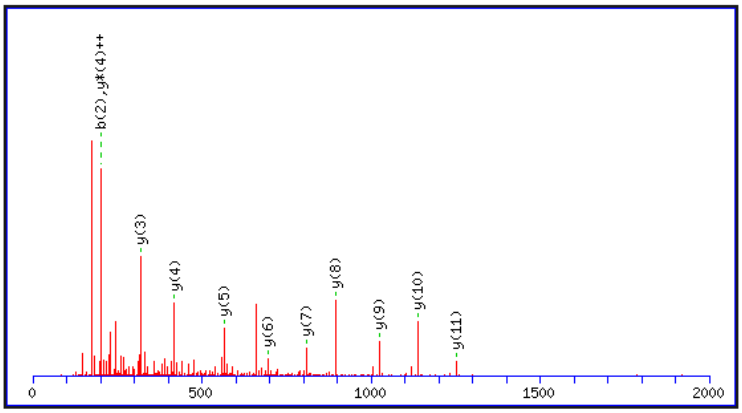
#	b	b^{++}	Seq.	y	y^{++}	y*	y^{*++}	#
1	100.08	50.54	V					11
2	**171.11**	86.06	A	1050.57	525.79	1033.55	517.28	10
3	268.17	134.59	P	**979.54**	490.27	962.51	481.76	9
4	431.23	216.12	Y	**882.48**	441.75	865.46	433.23	8
5	**578.30**	289.65	F	**719.42**	360.21	702.39	351.70	7
6	635.32	318.16	G	**572.35**	286.68	555.32	278.17	6
7	706.36	353.68	A	**515.33**	258.17	498.30	249.66	5
8	819.44	410.22	I	**444.29**	222.65	427.27	214.14	4
9	918.51	459.76	V	**331.21**	166.11	**314.18**	157.59	3
10	975.53	488.27	G	**232.14**	116.57	**215.11**	108.06	2
11			R	**175.12**	88.06	**158.09**	79.55	1

MS/MS Fragmentation of ID739 **ELTDSVEFFR**



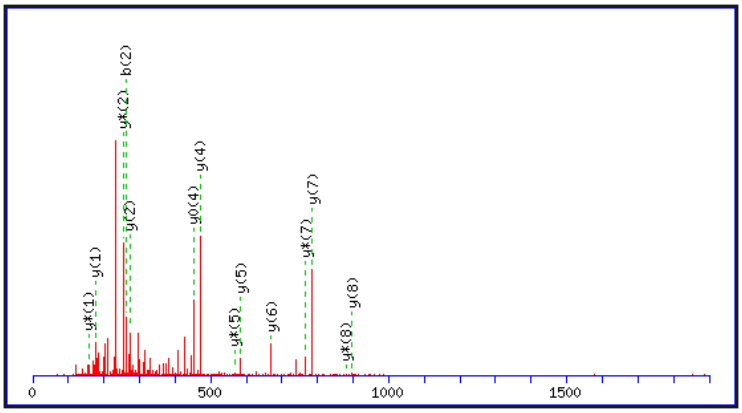
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	130.05	65.53	112.04	56.52	E							10
2	**243.13**	122.07	225.12	113.07	L	1113.56	557.28	1096.53	548.77	1095.55	548.28	9
3	344.18	172.59	326.17	163.59	T	1000.47	500.74	983.45	492.23	982.46	491.74	8
4	459.21	230.11	441.20	221.10	D	**899.43**	450.22	882.40	441.70	881.42	441.21	7
5	546.24	273.62	528.23	264.62	S	**784.40**	392.70	767.37	384.19	766.39	383.70	6
6	645.31	323.16	627.30	**314.15**	V	697.37	349.19	680.34	340.67	679.36	340.18	5
7	774.35	387.68	756.34	378.67	E	**598.30**	299.65	581.27	291.14	580.29	290.65	4
8	921.42	461.21	903.41	452.21	F	**469.26**	235.13	452.23	226.62			3
9	1068.49	534.75	1050.48	525.74	F	**322.19**	161.60	**305.16**	153.08			2
10					R	**175.12**	88.06	**158.09**	79.55			1

MS/MS Fragmentation of ID740 **SLLNESNEFVGDK**



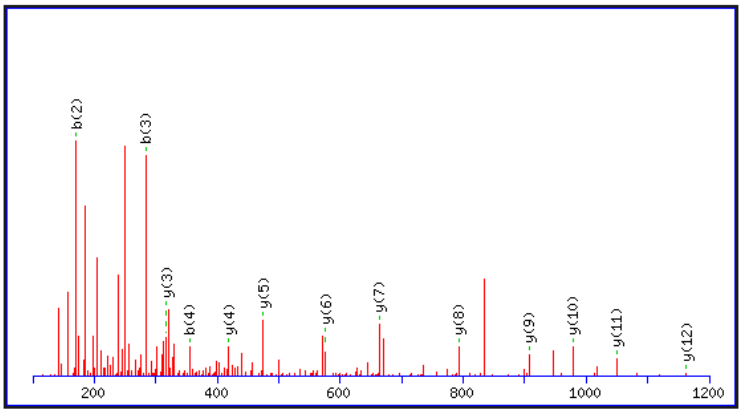
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.04	44.52			70.03	35.52	S							13
2	**201.12**	101.07			183.11	92.06	L	1364.67	682.84	1347.64	674.32	1346.66	673.83	12
3	314.21	157.61			296.20	148.60	L	**1251.59**	626.30	1234.56	617.78	1233.57	617.29	11
4	428.25	214.63	411.22	206.12	410.24	205.62	N	**1138.50**	569.75	1121.47	561.24	1120.49	560.75	10
5	557.29	279.15	540.27	270.64	539.28	270.14	E	**1024.46**	512.73	1007.43	504.22	1006.45	503.73	9
6	644.32	322.67	627.30	314.15	626.31	313.66	S	**895.42**	448.21	878.39	439.70	877.41	439.21	8
7	758.37	379.69	741.34	371.17	740.36	370.68	N	**808.38**	404.70	791.36	396.18	790.37	395.69	7
8	887.41	444.21	870.38	435.70	869.40	435.20	E	**694.34**	347.67	677.31	339.16	676.33	338.67	6
9	1034.48	517.74	1017.45	509.23	1016.47	508.74	F	**565.30**	283.15	548.27	274.64	547.29	274.15	5
10	1133.55	567.28	1116.52	558.76	1115.54	558.27	V	**418.23**	209.62	401.20	**201.11**	400.22	200.61	4
11	1190.57	595.79	1173.54	587.27	1172.56	586.78	G	**319.16**	160.08	302.13	151.57	301.15	151.08	3
12	1305.60	653.30	1288.57	644.79	1287.59	644.30	D	262.14	131.57	245.11	123.06	244.13	122.57	2
13							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID747 **FINSIPTPR**



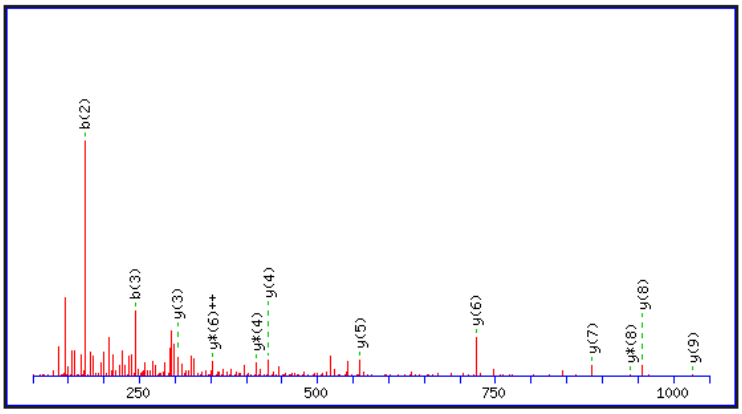
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	148.08	74.54					F							9
2	**261.16**	131.08					I	**897.52**	449.26	**880.49**	440.75	879.50	440.26	8
3	375.20	188.10	358.18	179.59			N	**784.43**	392.72	**767.40**	384.21	766.42	383.71	7
4	462.23	231.62	445.21	223.11	444.22	222.62	S	**670.39**	335.70	653.36	327.18	652.38	326.69	6
5	575.32	288.16	558.29	279.65	557.31	279.16	I	**583.36**	292.18	**566.33**	283.67	565.35	283.18	5
6	672.37	336.69	655.34	328.18	654.36	327.68	P	**470.27**	235.64	453.25	227.13	**452.26**	226.63	4
7	773.42	387.21	756.39	378.70	755.41	378.21	T	373.22	187.11	356.19	178.60	355.21	178.11	3
8	870.47	435.74	853.45	427.23	852.46	426.73	P	**272.17**	136.59	**255.15**	128.08			2
9							R	**175.12**	88.06	**158.09**	79.55			1

MS/MS Fragmentation of ID748 **GILAADESTGTIGK**



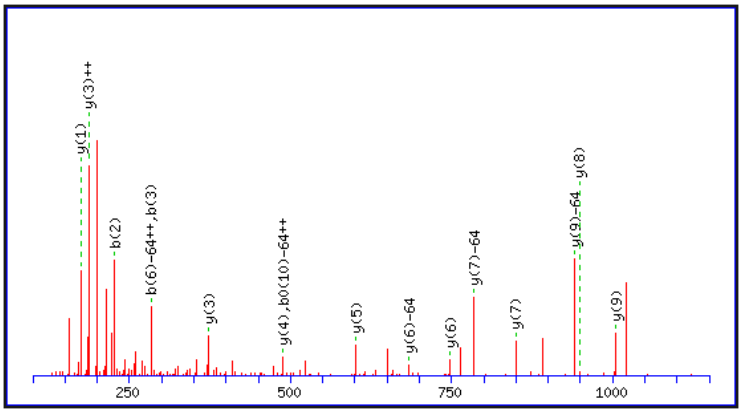
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	58.03	29.52			G							14
2	**171.11**	86.06			I	1275.68	638.34	1258.65	629.83	1257.67	629.34	13
3	**284.20**	142.60			L	**1162.59**	581.80	1145.57	573.29	1144.58	572.80	12
4	**355.23**	178.12			A	**1049.51**	525.26	1032.48	516.75	1031.50	516.25	11
5	426.27	213.64			A	**978.47**	489.74	961.45	481.23	960.46	480.74	10
6	541.30	271.15	523.29	262.15	D	**907.44**	454.22	890.41	445.71	889.43	445.22	9
7	670.34	335.67	652.33	326.67	E	**792.41**	396.71	775.38	388.20	774.40	387.70	8
8	757.37	379.19	739.36	370.18	S	**663.37**	332.19	646.34	323.67	645.36	323.18	7
9	858.42	429.71	840.41	420.71	T	**576.34**	288.67	559.31	280.16	558.32	279.67	6
10	915.44	458.22	897.43	449.22	G	**475.29**	238.15	458.26	229.63	457.28	229.14	5
11	1016.49	508.75	998.48	499.74	T	**418.27**	209.64	401.24	201.12	400.26	200.63	4
12	1129.57	565.29	1111.56	556.29	I	**317.22**	159.11	300.19	150.60			3
13	1186.59	593.80	1168.58	584.80	G	204.13	102.57	187.11	94.06			2
14					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID750 **TAAYYQQGAR**



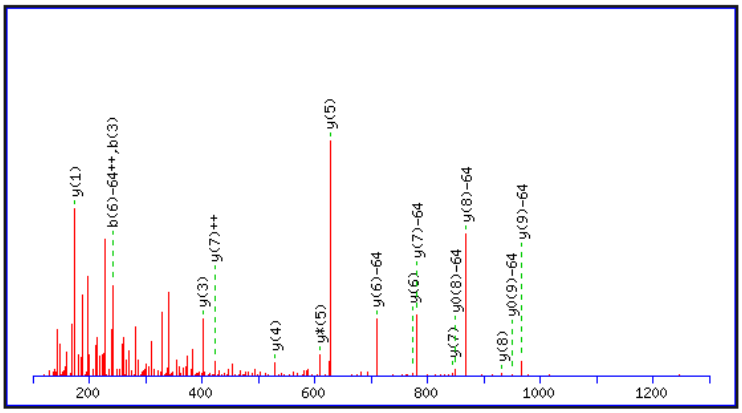
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	#
1	102.05	51.53			84.04	42.53	T					10
2	**173.09**	87.05			155.08	78.04	A	**1027.50**	514.25	1010.47	505.74	9
3	**244.13**	122.57			226.12	113.56	A	**956.46**	478.73	**939.43**	470.22	8
4	407.19	204.10			389.18	195.09	Y	**885.42**	443.21	868.39	434.70	7
5	570.26	285.63			552.25	276.63	Y	**722.36**	361.68	705.33	**353.17**	6
6	698.31	349.66	681.29	341.15	680.30	340.66	Q	**559.29**	280.15	542.27	271.64	5
7	826.37	413.69	809.35	405.18	808.36	404.68	Q	**431.24**	216.12	**414.21**	207.61	4
8	883.39	442.20	866.37	433.69	865.38	433.20	G	**303.18**	152.09	286.15	143.58	3
9	954.43	477.72	937.41	469.21	936.42	468.71	A	246.16	123.58	229.13	115.07	2
10							R	175.12	88.06	158.09	79.55	1

MS/MS Fragmentation of ID752 **LLGVTMLDVVR**



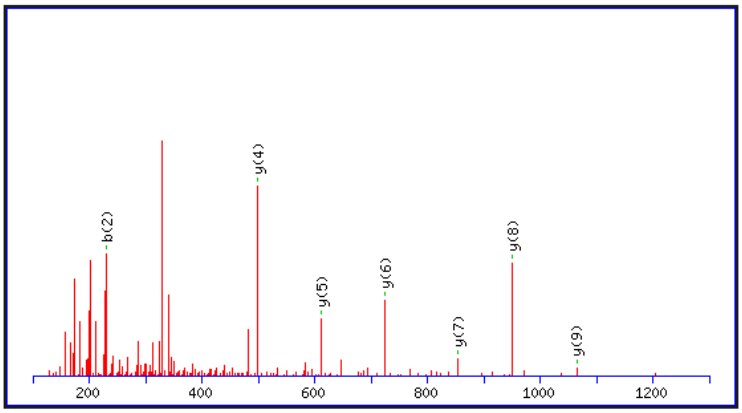
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			L							11
2	**227.18**	114.09			L	1054.63	527.82	1037.60	519.30	1036.62	518.81	10
3	**284.20**	142.60			G	**941.54**	471.27	924.51	462.76	923.53	462.27	9
4	383.27	192.14			V	884.52	442.76	867.49	434.25	866.51	433.76	8
5	484.31	242.66	466.30	233.65	T	**785.45**	393.23	768.43	384.72	767.44	384.22	7
6	567.35	**284.18**	549.34	275.17	M	**684.40**	342.71	667.38	334.19	666.39	333.70	6
7	680.43	340.72	662.42	331.72	L	**601.37**	301.19	584.34	292.67	583.36	292.18	5
8	795.46	398.23	777.45	389.23	D	**488.28**	244.64	471.26	236.13	470.27	235.64	4
9	894.53	447.77	876.52	438.76	V	**373.26**	**187.13**	356.23	178.62			3
10	993.60	497.30	975.59	**488.30**	V	274.19	137.60	257.16	129.08			2
11					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID754 **AAVSAMPELLR**



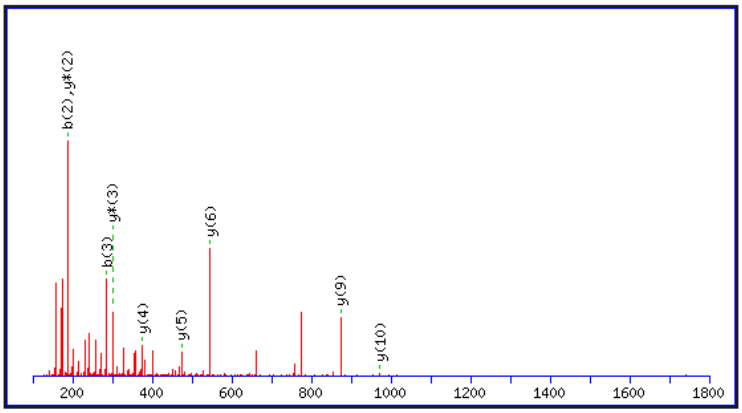
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53			A							11
2	143.08	72.04			A	1038.59	519.80	1021.57	511.29	1020.58	510.80	10
3	**242.15**	121.58			V	**967.56**	484.28	950.53	475.77	**949.55**	475.28	9
4	329.18	165.09	311.17	156.09	S	**868.49**	434.75	851.46	426.23	**850.48**	425.74	8
5	400.22	200.61	382.21	191.61	A	**781.46**	391.23	764.43	382.72	763.45	382.23	7
6	483.26	**242.13**	465.25	233.13	M	**710.42**	355.71	693.39	347.20	692.41	346.71	6
7	580.31	290.66	562.30	281.65	P	**627.38**	314.19	**610.36**	305.68	609.37	305.19	5
8	709.35	355.18	691.34	346.17	E	**530.33**	265.67	513.30	257.16	512.32	256.66	4
9	822.44	411.72	804.43	402.72	L	**401.29**	201.15	384.26	192.63			3
10	935.52	468.26	917.51	459.26	L	288.20	144.61	271.18	136.09			2
11					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID755 **TENPELLPVQR**



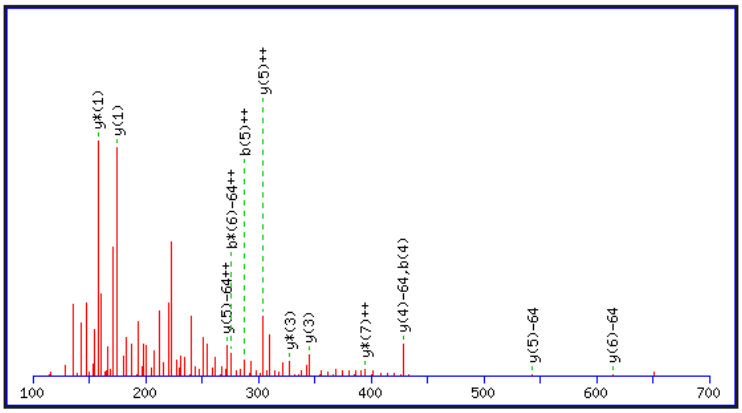
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	102.05	51.53			84.04	42.53	T							11
2	**231.10**	116.05			213.09	107.05	E	1194.65	597.83	1177.62	589.31	1176.64	588.82	10
3	345.14	173.07	328.11	164.56	327.13	164.07	N	**1065.61**	533.31	1048.58	524.79	1047.59	524.30	9
4	442.19	221.60	425.17	213.09	424.18	212.59	P	**951.56**	476.28	934.54	467.77	933.55	467.28	8
5	571.24	286.12	554.21	277.61	553.23	277.12	E	**854.51**	427.76	837.48	419.25	836.50	418.75	7
6	684.32	342.66	667.29	334.15	666.31	333.66	L	**725.47**	363.24	708.44	354.72			6
7	797.40	399.21	780.38	390.69	779.39	390.20	L	**612.38**	306.70	595.36	298.18			5
8	894.46	447.73	877.43	439.22	876.45	438.73	P	**499.30**	250.15	482.27	241.64			4
9	993.53	497.27	976.50	488.75	975.51	488.26	V	402.25	201.63	385.22	193.11			3
10	1121.58	561.30	1104.56	552.78	1103.57	552.29	Q	303.18	152.09	286.15	143.58			2
11							R	175.12	88.06	158.09	79.55			1

MS/MS Fragmentation of ID756 **ADVLQSAVGNGK**



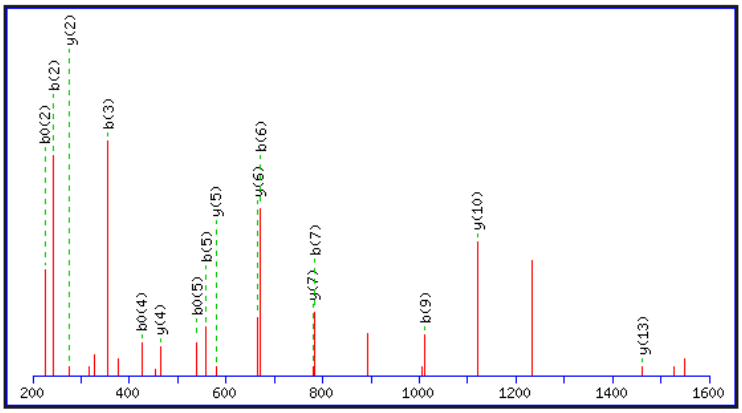
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53					A							12
2	**187.07**	94.04			169.06	85.03	D	1087.57	544.29	1070.55	535.78	1069.56	535.29	11
3	**286.14**	143.57			268.13	134.57	V	**972.55**	486.78	955.52	478.26	954.54	477.77	10
4	399.22	200.12			381.21	191.11	L	**873.48**	437.24	856.45	428.73	855.47	428.24	9
5	527.28	264.14	510.26	255.63	509.27	255.14	Q	760.39	380.70	743.37	372.19	742.38	371.70	8
6	614.31	307.66	597.29	299.15	596.30	298.66	S	632.34	316.67	615.31	308.16	614.33	307.67	7
7	685.35	343.18	668.32	334.67	667.34	334.17	A	**545.30**	273.16	528.28	264.64			6
8	784.42	392.71	767.39	384.20	766.41	383.71	V	**474.27**	237.64	457.24	229.12			5
9	841.44	421.22	824.41	412.71	823.43	412.22	G	**375.20**	188.10	358.17	179.59			4
10	955.48	478.25	938.46	469.73	937.47	469.24	N	318.18	159.59	**301.15**	151.08			3
11	1012.51	506.76	995.48	498.24	994.50	497.75	G	204.13	102.57	**187.11**	94.06			2
12							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID757 **IQADMGLR**



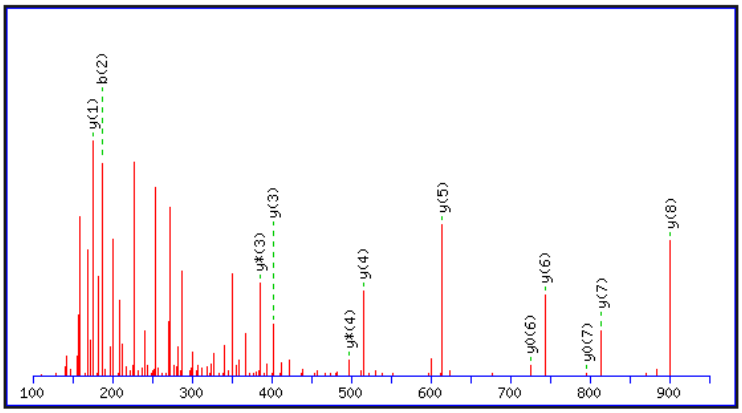
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					I							8
2	242.15	121.58	225.12	113.07			Q	742.38	371.70	725.36	363.18	724.37	362.69	7
3	313.19	157.10	296.16	148.58			A	**614.33**	307.67	597.30	299.15	596.32	298.66	6
4	**428.21**	214.61	411.19	206.10	410.20	205.61	D	**543.29**	**272.15**	526.26	263.63	525.28	263.14	5
5	511.25	256.13	494.22	247.62	493.24	247.12	M	**428.26**	214.63	411.24	206.12			4
6	568.27	284.64	551.25	**276.13**	550.26	275.63	G	**345.22**	173.12	**328.20**	164.60			3
7	681.36	341.18	664.33	332.67	663.35	332.18	L	288.20	144.61	271.18	136.09			2
8							R	**175.12**	88.06	**158.09**	79.55			1

MS/MS Fragmentation of ID760 **SLLSDLINLNLSDSTEK**



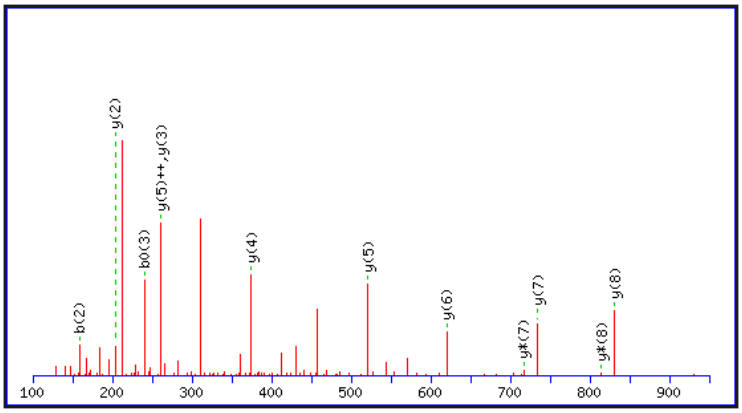
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	130.05	65.53			112.04	56.52	S							17
2	**243.13**	122.07			**225.12**	113.07	L	1774.94	887.98	1757.92	879.46	1756.93	878.97	16
3	**356.22**	178.61			338.21	169.61	L	1661.86	831.43	1644.83	822.92	1643.85	822.43	15
4	443.25	222.13			**425.24**	213.12	S	1548.78	774.89	1531.75	766.38	1530.76	765.89	14
5	**558.28**	279.64			**540.27**	270.64	D	**1461.74**	731.38	1444.72	722.86	1443.73	722.37	13
6	**671.36**	336.18			653.35	327.18	L	1346.72	673.86	1329.69	665.35	1328.71	664.86	12
7	**784.45**	392.73			766.43	383.72	I	1233.63	617.32	1216.61	608.81	1215.62	608.31	11
8	898.49	449.75	881.46	441.23	880.48	440.74	N	**1120.55**	560.78	1103.52	552.26	1102.54	551.77	10
9	**1011.57**	506.29	994.55	497.78	993.56	497.28	L	1006.51	503.76	989.48	495.24	988.49	494.75	9
10	1125.61	563.31	1108.59	554.80	1107.60	554.31	N	893.42	447.21	876.39	438.70	875.41	438.21	8
11	1238.70	619.85	1221.67	611.34	1220.69	610.85	L	**779.38**	390.19	762.35	381.68	761.37	381.19	7
12	1325.73	663.37	1308.70	654.86	1307.72	654.36	S	**666.29**	333.65	649.27	325.14	648.28	324.65	6
13	1440.76	720.88	1423.73	712.37	1422.75	711.88	D	**579.26**	290.13	562.24	281.62	561.25	281.13	5
14	1527.79	764.40	1510.76	755.89	1509.78	755.39	S	**464.24**	232.62	447.21	224.11	446.22	223.62	4
15	1628.84	814.92	1611.81	806.41	1610.83	805.92	T	377.20	189.11	360.18	180.59	359.19	180.10	3
16	1757.88	879.44	1740.85	870.93	1739.87	870.44	E	**276.16**	138.58	259.13	130.07	258.14	129.58	2
17							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID763 **EGISAEVINLR**



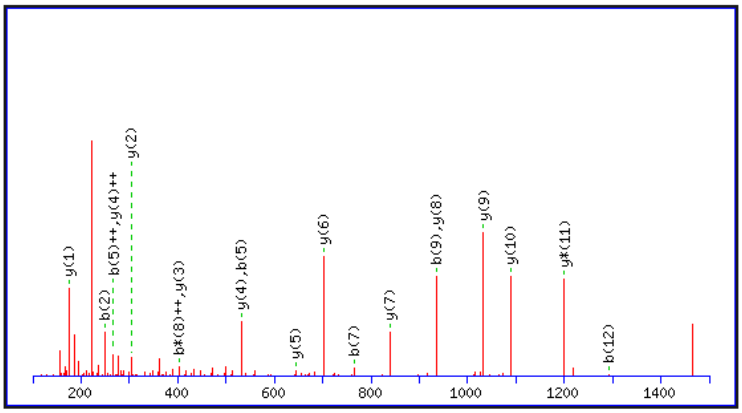
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	130.05	65.53			112.04	56.52	E							11
2	**187.07**	94.04			169.06	85.03	G	1071.62	536.31	1054.59	527.80	1053.61	527.31	10
3	300.16	150.58			282.14	141.58	I	1014.59	507.80	997.57	499.29	996.58	498.80	9
4	387.19	194.10			369.18	185.09	S	**901.51**	451.26	884.48	442.75	883.50	442.25	8
5	458.22	229.62			440.21	220.61	A	**814.48**	407.74	797.45	399.23	**796.47**	398.74	7
6	587.27	294.14			569.26	285.13	E	**743.44**	372.22	726.41	363.71	**725.43**	363.22	6
7	686.34	343.67			668.32	334.67	V	**614.40**	307.70	597.37	299.19			5
8	799.42	400.21			781.41	391.21	I	**515.33**	258.17	**498.30**	249.66			4
9	913.46	457.23	896.44	448.72	895.45	448.23	N	**402.25**	201.63	**385.22**	193.11			3
10	1026.55	513.78	1009.52	505.26	1008.54	504.77	L	288.20	144.61	271.18	136.09			2
11							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID764 **GTVPNVFIGGK**



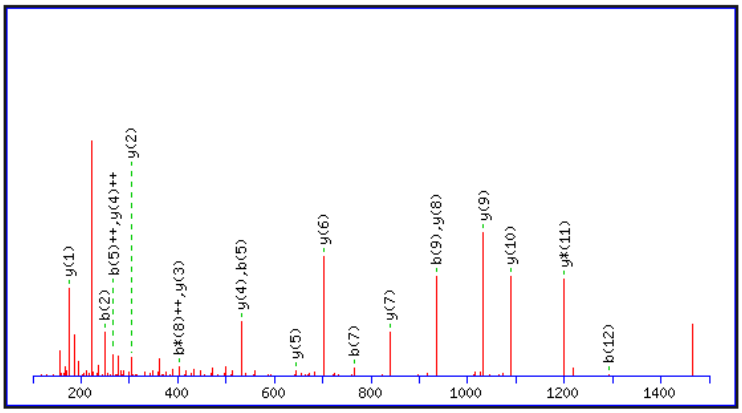
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	58.03	29.52					G							11
2	**159.08**	80.04			141.07	71.04	T	1031.59	516.30	1014.56	507.78	1013.58	507.29	10
3	258.14	129.58			**240.13**	120.57	V	930.54	465.77	913.51	457.26			9
4	355.20	178.10			337.19	169.10	P	**831.47**	416.24	**814.45**	407.73			8
5	469.24	235.12	452.21	226.61	451.23	226.12	N	**734.42**	367.71	**717.39**	359.20			7
6	568.31	284.66	551.28	276.14	550.30	275.65	V	**620.38**	310.69	603.35	302.18			6
7	715.38	358.19	698.35	349.68	697.37	349.19	F	**521.31**	**261.16**	504.28	252.64			5
8	828.46	414.73	811.43	406.22	810.45	405.73	I	**374.24**	187.62	357.21	179.11			4
9	885.48	443.25	868.46	434.73	867.47	434.24	G	**261.16**	131.08	244.13	122.57			3
10	942.50	471.76	925.48	463.24	924.49	462.75	G	**204.13**	102.57	187.11	94.06			2
11							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID765 **TFQGPPHGIQVER**



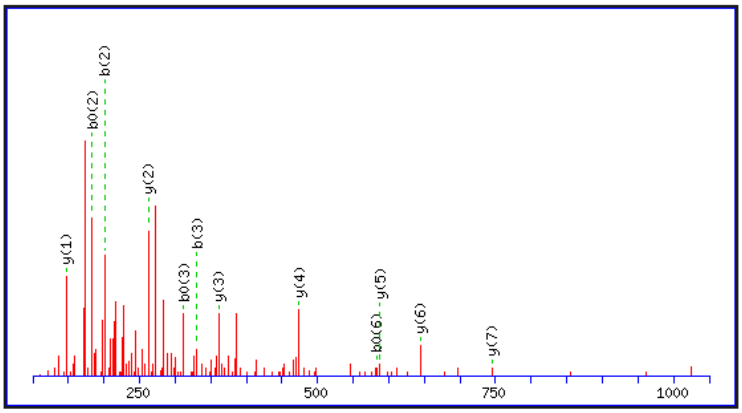
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	102.05	51.53			84.04	42.53	T							13
2	**249.12**	125.07			231.11	116.06	F	1364.71	682.86	1347.68	674.34	1346.70	673.85	12
3	377.18	189.09	360.16	180.58	359.17	180.09	Q	1217.64	609.32	**1200.61**	600.81	1199.63	600.32	11
4	434.20	217.61	417.18	209.09	416.19	208.60	G	**1089.58**	545.29	1072.55	536.78	1071.57	536.29	10
5	**531.26**	**266.13**	514.23	257.62	513.25	257.13	P	**1032.56**	516.78	1015.53	508.27	1014.55	507.78	9
6	628.31	314.66	611.28	306.14	610.30	305.65	P	**935.51**	468.26	918.48	459.74	917.50	459.25	8
7	**765.37**	383.19	748.34	374.67	747.36	374.18	H	**838.45**	419.73	821.43	411.22	820.44	410.72	7
8	822.39	411.70	805.36	**403.19**	804.38	402.69	G	**701.39**	351.20	684.37	342.69	683.38	342.20	6
9	**935.47**	468.24	918.45	459.73	917.46	459.24	I	**644.37**	322.69	627.35	314.18	626.36	313.68	5
10	1063.53	532.27	1046.51	523.76	1045.52	523.26	Q	**531.29**	**266.15**	514.26	257.63	513.28	257.14	4
11	1162.60	581.80	1145.57	573.29	1144.59	572.80	V	**403.23**	202.12	386.20	193.61	385.22	193.11	3
12	**1291.64**	646.33	1274.62	637.81	1273.63	637.32	E	**304.16**	152.58	287.13	144.07	286.15	143.58	2
13							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID766 **TFQGPPHGIQVER**



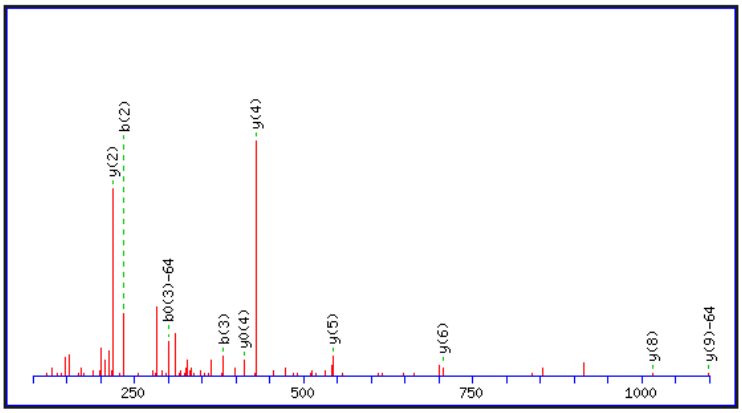
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	102.05	51.53			84.04	42.53	T							13
2	**249.12**	125.07			231.11	116.06	F	1364.71	682.86	1347.68	674.34	1346.70	673.85	12
3	377.18	189.09	360.16	180.58	359.17	180.09	Q	1217.64	609.32	**1200.61**	600.81	1199.63	600.32	11
4	434.20	217.61	417.18	209.09	416.19	208.60	G	**1089.58**	545.29	1072.55	536.78	1071.57	536.29	10
5	**531.26**	**266.13**	514.23	257.62	513.25	257.13	P	**1032.56**	516.78	1015.53	508.27	1014.55	507.78	9
6	628.31	314.66	611.28	306.14	610.30	305.65	P	**935.51**	468.26	918.48	459.74	917.50	459.25	8
7	**765.37**	383.19	748.34	374.67	747.36	374.18	H	**838.45**	419.73	821.43	411.22	820.44	410.72	7
8	822.39	411.70	805.36	**403.19**	804.38	402.69	G	**701.39**	351.20	684.37	342.69	683.38	342.20	6
9	**935.47**	468.24	918.45	459.73	917.46	459.24	I	**644.37**	322.69	627.35	314.18	626.36	313.68	5
10	1063.53	532.27	1046.51	523.76	1045.52	523.26	Q	**531.29**	**266.15**	514.26	257.63	513.28	257.14	4
11	1162.60	581.80	1145.57	573.29	1144.59	572.80	V	**403.23**	202.12	386.20	193.61	385.22	193.11	3
12	**1291.64**	646.33	1274.62	637.81	1273.63	637.32	E	**304.16**	152.58	287.13	144.07	286.15	143.58	2
13							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID767 **ISELTGLLVDK**



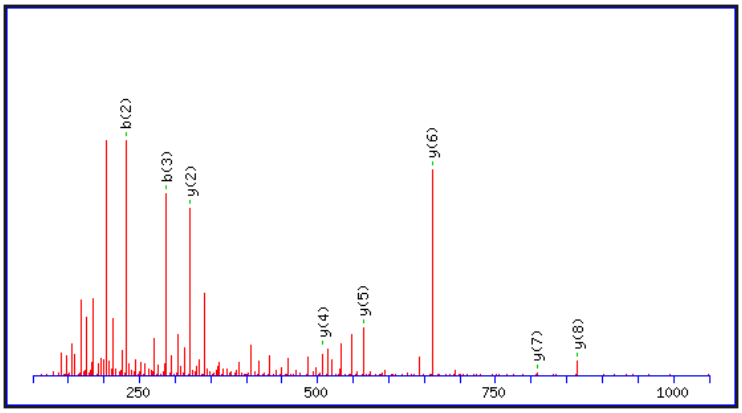
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			I							11
2	**201.12**	101.07	**183.11**	92.06	S	1074.60	537.81	1057.58	529.29	1056.59	528.80	10
3	**330.17**	165.59	**312.16**	156.58	E	987.57	494.29	970.55	485.78	969.56	485.28	9
4	443.25	222.13	425.24	213.12	L	858.53	429.77	841.50	421.26	840.52	420.76	8
5	544.30	272.65	526.29	263.65	T	**745.45**	373.23	728.42	364.71	727.43	364.22	7
6	601.32	301.16	**583.31**	292.16	G	**644.40**	322.70	627.37	314.19	626.39	313.70	6
7	714.40	357.71	696.39	348.70	L	**587.38**	294.19	570.35	285.68	569.37	285.19	5
8	827.49	414.25	809.48	405.24	L	**474.29**	237.65	457.27	229.14	456.28	228.64	4
9	926.56	463.78	908.55	454.78	V	**361.21**	181.11	344.18	172.59	343.20	172.10	3
10	1041.58	521.29	1023.57	512.29	D	**262.14**	131.57	245.11	123.06	244.13	122.57	2
11					K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID768 **FSMYFYLPDAK**



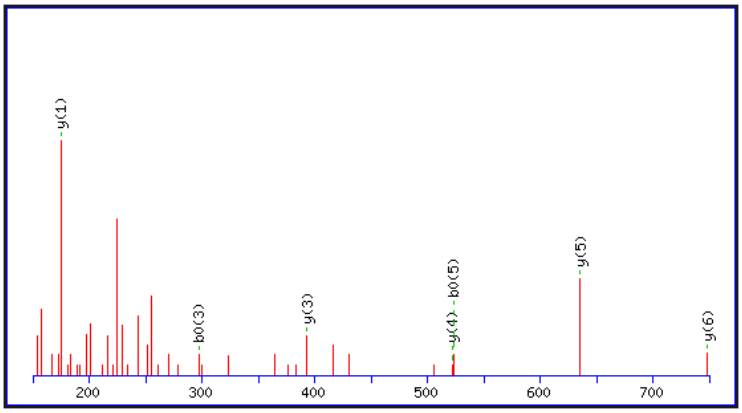
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	148.08	74.54			F							11
2	**235.11**	118.06	217.10	109.05	S	1186.58	593.79	1169.55	585.28	1168.57	584.79	10
3	318.14	159.58	**300.13**	150.57	M	**1099.55**	550.28	1082.52	541.76	1081.54	541.27	9
4	481.21	241.11	463.20	232.10	Y	**1016.51**	508.76	999.48	500.24	998.50	499.75	8
5	628.28	314.64	610.27	305.64	F	853.45	427.23	836.42	418.71	835.43	418.22	7
6	791.34	396.17	773.33	387.17	Y	**706.38**	353.69	689.35	345.18	688.37	344.69	6
7	904.42	452.72	886.41	443.71	L	**543.31**	272.16	526.29	263.65	525.30	263.16	5
8	1001.48	501.24	983.47	492.24	P	**430.23**	215.62	413.20	207.11	**412.22**	206.61	4
9	1116.50	558.76	1098.49	549.75	D	333.18	167.09	316.15	158.58	315.17	158.09	3
10	1187.54	594.27	1169.53	585.27	A	**218.15**	109.58	201.12	101.07			2
11					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID771 **TEGFPGGECK**



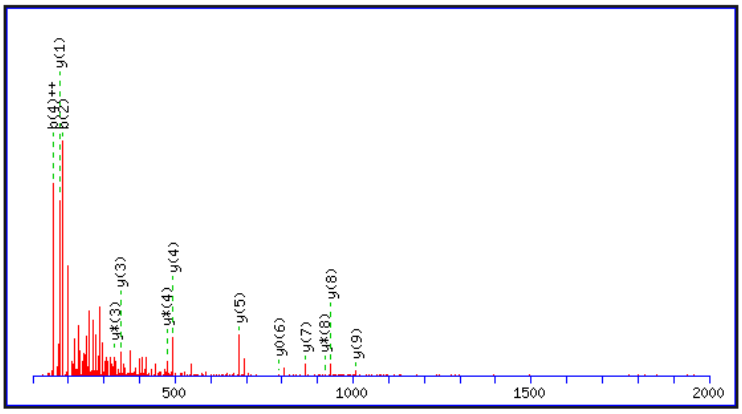
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	102.05	51.53	84.04	42.53	T							10
2	**231.10**	116.05	213.09	107.05	E	994.43	497.72	977.40	489.21	976.42	488.71	9
3	**288.12**	144.56	270.11	135.56	G	**865.39**	433.20	848.36	424.68	847.38	424.19	8
4	435.19	218.10	417.18	209.09	F	**808.37**	404.69	791.34	396.17	790.36	395.68	7
5	532.24	266.62	514.23	257.62	P	**661.30**	331.15	644.27	322.64	643.29	322.15	6
6	589.26	295.13	571.25	286.13	G	**564.24**	282.63	547.22	274.11	546.23	273.62	5
7	646.28	323.65	628.27	314.64	G	**507.22**	254.12	490.20	245.60	489.21	245.11	4
8	775.33	388.17	757.32	379.16	E	450.20	225.60	433.18	217.09	432.19	216.60	3
9	949.37	475.19	931.36	466.18	C	**321.16**	161.08	304.13	152.57			2
10					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID774 **ENAILEFAR**



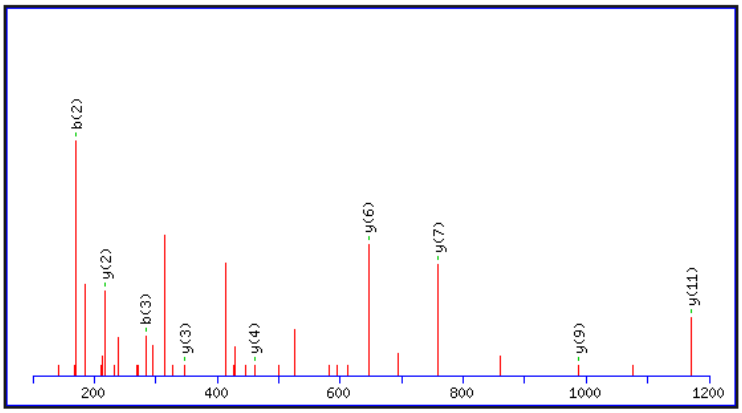
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	130.05	65.53			112.04	56.52	E							9
2	244.09	122.55	227.07	114.04	226.08	113.54	N	933.52	467.26	916.49	458.75	915.50	458.26	8
3	315.13	158.07	298.10	149.56	**297.12**	149.06	A	819.47	410.24	802.45	401.73	801.46	401.23	7
4	428.21	214.61	411.19	206.10	410.20	205.61	I	**748.44**	374.72	731.41	366.21	730.42	365.72	6
5	541.30	271.15	524.27	262.64	**523.29**	262.15	L	**635.35**	318.18	618.32	309.67	617.34	309.17	5
6	670.34	335.67	653.31	327.16	652.33	326.67	E	**522.27**	261.64	505.24	253.12	504.26	252.63	4
7	817.41	409.21	800.38	400.69	799.40	400.20	F	**393.22**	197.12	376.20	188.60			3
8	888.45	444.73	871.42	436.21	870.44	435.72	A	246.16	123.58	229.13	115.07			2
9							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID775 **LAAGEWFTAR**



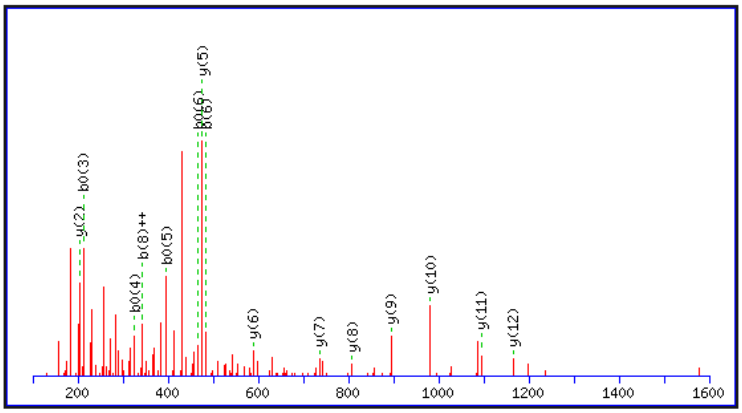
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			L							10
2	**185.13**	93.07			A	**1008.49**	504.75	991.46	496.24	990.48	495.74	9
3	256.17	128.59			A	**937.45**	469.23	**920.43**	460.72	919.44	460.22	8
4	313.19	**157.10**			G	**866.42**	433.71	849.39	425.20	848.40	424.71	7
5	442.23	221.62	424.22	212.61	E	809.39	405.20	792.37	396.69	**791.38**	396.20	6
6	628.31	314.66	610.30	305.65	W	**680.35**	340.68	663.32	332.17	662.34	331.67	5
7	775.38	388.19	757.37	379.19	F	**494.27**	247.64	**477.25**	239.13	476.26	238.63	4
8	876.43	438.72	858.41	429.71	T	**347.20**	174.11	**330.18**	165.59	329.19	165.10	3
9	947.46	474.23	929.45	465.23	A	246.16	123.58	229.13	115.07			2
10					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID776 **GIIPSEVLSVLEAK**



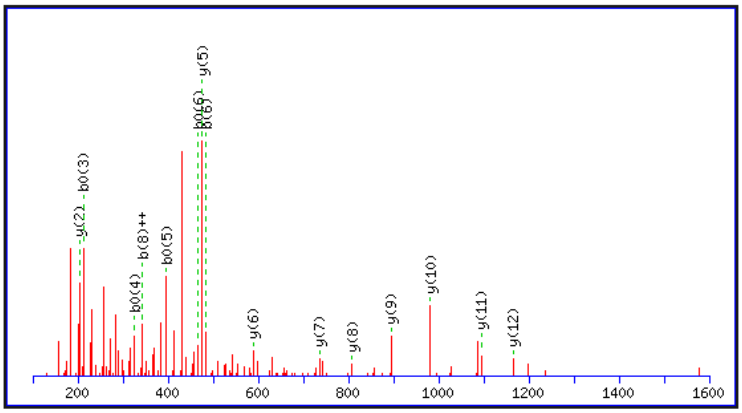
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	58.03	29.52			G							14
2	**171.11**	86.06			I	1397.82	699.42	1380.80	690.90	1379.81	690.41	13
3	**284.20**	142.60			I	1284.74	642.87	1267.71	634.36	1266.73	633.87	12
4	381.25	191.13			P	**1171.66**	586.33	1154.63	577.82	1153.65	577.33	11
5	468.28	234.64	450.27	225.64	S	1074.60	537.81	1057.58	529.29	1056.59	528.80	10
6	597.32	299.17	579.31	290.16	E	**987.57**	494.29	970.55	485.78	969.56	485.28	9
7	696.39	348.70	678.38	339.69	V	858.53	429.77	841.50	421.26	840.52	420.76	8
8	809.48	405.24	791.47	396.24	L	**759.46**	380.23	742.43	371.72	741.45	371.23	7
9	896.51	448.76	878.50	439.75	S	**646.38**	323.69	629.35	315.18	628.37	314.69	6
10	995.58	498.29	977.57	489.29	V	559.34	280.18	542.32	271.66	541.33	271.17	5
11	1108.66	554.83	1090.65	545.83	L	**460.28**	230.64	443.25	222.13	442.27	221.64	4
12	1237.70	619.36	1219.69	610.35	E	**347.19**	174.10	330.17	165.59	329.18	165.09	3
13	1308.74	654.87	1290.73	645.87	A	**218.15**	109.58	201.12	101.07			2
14					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID777 **ASALAALSSAFNPSSGK**



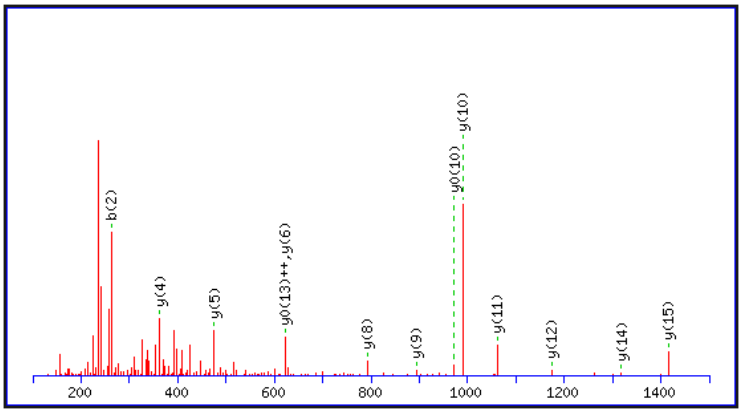
#	b	b^{++}	b*	b*$^{++}$	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y*$^{++}$	y^{0}	y^{0++}	#
1	72.04	36.53					A							17
2	159.08	80.04			141.07	71.04	S	1507.78	754.39	1490.75	745.88	1489.76	745.39	16
3	230.11	115.56			**212.10**	106.56	A	1420.74	710.88	1403.72	702.36	1402.73	701.87	15
4	**343.20**	172.10			**325.19**	163.10	L	1349.71	675.36	1332.68	666.84	1331.70	666.35	14
5	414.23	207.62			**396.22**	198.62	A	1236.62	618.81	1219.60	610.30	1218.61	609.81	13
6	**485.27**	243.14			**467.26**	234.13	A	**1165.58**	583.30	1148.56	574.78	1147.57	574.29	12
7	598.36	299.68			580.35	290.68	L	**1094.55**	547.78	1077.52	539.26	1076.54	538.77	11
8	685.39	**343.20**			667.38	334.19	S	**981.46**	491.24	964.44	482.72	963.45	482.23	10
9	772.42	386.71			754.41	377.71	S	**894.43**	447.72	877.41	439.21	876.42	438.71	9
10	843.46	422.23			825.45	413.23	A	**807.40**	404.20	790.37	395.69	789.39	395.20	8
11	990.53	495.77			972.51	486.76	F	**736.36**	368.68	719.34	360.17	718.35	359.68	7
12	1104.57	552.79	1087.54	544.27	1086.56	543.78	N	**589.29**	295.15	572.27	286.64	571.28	286.15	6
13	1201.62	601.31	1184.59	592.80	1183.61	592.31	P	**475.25**	238.13	458.22	229.62	457.24	229.12	5
14	1288.65	644.83	1271.63	636.32	1270.64	635.82	S	378.20	189.60	361.17	181.09	360.19	180.60	4
15	1375.69	688.35	1358.66	679.83	1357.67	679.34	S	291.17	146.09	274.14	137.57	273.16	137.08	3
16	1432.71	716.86	1415.68	708.34	1414.70	707.85	G	**204.13**	102.57	187.11	94.06			2
17							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID778 **ASALAALSSAFNPSSGK**



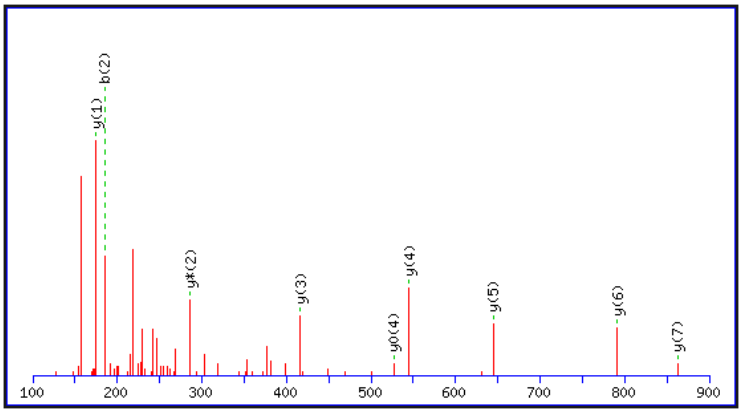
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53					A							17
2	159.08	80.04			141.07	71.04	S	1507.78	754.39	1490.75	745.88	1489.76	745.39	16
3	230.11	115.56			**212.10**	106.56	A	1420.74	710.88	1403.72	702.36	1402.73	701.87	15
4	**343.20**	172.10			**325.19**	163.10	L	1349.71	675.36	1332.68	666.84	1331.70	666.35	14
5	414.23	207.62			**396.22**	198.62	A	1236.62	618.81	1219.60	610.30	1218.61	609.81	13
6	**485.27**	243.14			**467.26**	234.13	A	**1165.58**	583.30	1148.56	574.78	1147.57	574.29	12
7	598.36	299.68			580.35	290.68	L	**1094.55**	547.78	1077.52	539.26	1076.54	538.77	11
8	685.39	**343.20**			667.38	334.19	S	**981.46**	491.24	964.44	482.72	963.45	482.23	10
9	772.42	386.71			754.41	377.71	S	**894.43**	447.72	877.41	439.21	876.42	438.71	9
10	843.46	422.23			825.45	413.23	A	**807.40**	404.20	790.37	395.69	789.39	395.20	8
11	990.53	495.77			972.51	486.76	F	**736.36**	368.68	719.34	360.17	718.35	359.68	7
12	1104.57	552.79	1087.54	544.27	1086.56	543.78	N	**589.29**	295.15	572.27	286.64	571.28	286.15	6
13	1201.62	601.31	1184.59	592.80	1183.61	592.31	P	**475.25**	238.13	458.22	229.62	457.24	229.12	5
14	1288.65	644.83	1271.63	636.32	1270.64	635.82	S	378.20	189.60	361.17	181.09	360.19	180.60	4
15	1375.69	688.35	1358.66	679.83	1357.67	679.34	S	291.17	146.09	274.14	137.57	273.16	137.08	3
16	1432.71	716.86	1415.68	708.34	1414.70	707.85	G	**204.13**	102.57	187.11	94.06			2
17							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID780 **DFEEPGSLAPTGLFLGGTK**



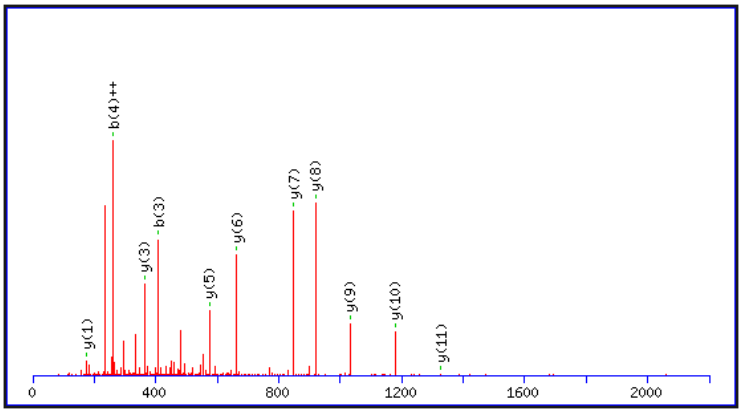
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	116.03	58.52	98.02	49.52	D							19
2	**263.10**	132.05	245.09	123.05	F	1820.94	910.98	1803.92	902.46	1802.93	901.97	18
3	392.15	196.58	374.13	187.57	E	1673.87	837.44	1656.85	828.93	1655.86	828.44	17
4	521.19	261.10	503.18	252.09	E	1544.83	772.92	1527.81	764.41	1526.82	763.91	16
5	618.24	309.62	600.23	300.62	P	**1415.79**	708.40	1398.76	699.88	1397.78	699.39	15
6	675.26	338.13	657.25	329.13	G	**1318.74**	659.87	1301.71	651.36	1300.73	650.87	14
7	762.29	381.65	744.28	372.65	S	1261.72	631.36	1244.69	622.85	1243.70	**622.36**	13
8	875.38	438.19	857.37	429.19	L	**1174.68**	587.85	1157.66	579.33	1156.67	578.84	12
9	946.42	473.71	928.40	464.71	A	**1061.60**	531.30	1044.57	522.79	1043.59	522.30	11
10	1043.47	522.24	1025.46	513.23	P	**990.56**	495.78	973.54	487.27	**972.55**	486.78	10
11	1144.52	572.76	1126.51	563.76	T	**893.51**	447.26	876.48	438.74	875.50	438.25	9
12	1201.54	601.27	1183.53	592.27	G	**792.46**	396.73	775.43	388.22	774.45	387.73	8
13	1314.62	657.81	1296.61	648.81	L	735.44	368.22	718.41	359.71	717.43	359.22	7
14	1461.69	731.35	1443.68	722.34	F	**622.36**	311.68	605.33	303.17	604.35	302.68	6
15	1574.77	787.89	1556.76	778.89	L	**475.29**	238.15	458.26	229.63	457.28	229.14	5
16	1631.80	816.40	1613.78	807.40	G	**362.20**	181.61	345.18	173.09	344.19	172.60	4
17	1688.82	844.91	1670.81	835.91	G	305.18	153.09	288.16	144.58	287.17	144.09	3
18	1789.86	895.44	1771.85	886.43	T	248.16	124.58	231.13	116.07	230.15	115.58	2
19					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID781 **IAFVELQR**



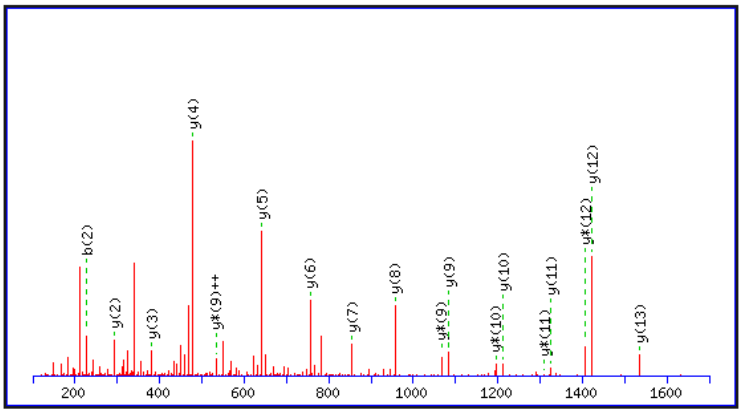
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					I							8
2	**185.13**	93.07					A	**862.48**	431.74	845.45	423.23	844.47	422.74	7
3	332.20	166.60					F	**791.44**	396.22	774.41	387.71	773.43	387.22	6
4	431.27	216.14					V	**644.37**	322.69	627.35	314.18	626.36	313.68	5
5	560.31	280.66			542.30	271.65	E	**545.30**	273.16	528.28	264.64	**527.29**	264.15	4
6	673.39	337.20			655.38	328.19	L	**416.26**	208.63	399.24	200.12			3
7	801.45	401.23	784.42	392.72	783.44	392.22	Q	303.18	152.09	**286.15**	143.58			2
8							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID782 **IFFIAWSPDTSR**



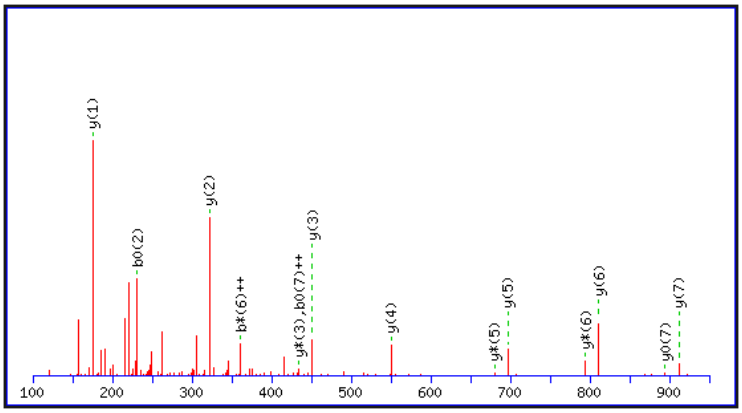
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			I							12
2	**261.16**	131.08			F	**1326.65**	663.83	1309.62	655.31	1308.64	654.82	11
3	**408.23**	204.62			F	**1179.58**	590.29	1162.55	581.78	1161.57	581.29	10
4	521.31	**261.16**			I	**1032.51**	516.76	1015.48	508.25	1014.50	507.75	9
5	592.35	296.68			A	**919.43**	460.22	902.40	451.70	901.42	451.21	8
6	778.43	389.72			W	**848.39**	424.70	831.36	416.19	830.38	415.69	7
7	865.46	433.23	847.45	424.23	S	**662.31**	331.66	645.28	323.15	644.30	322.65	6
8	962.51	481.76	944.50	472.76	P	**575.28**	288.14	558.25	279.63	557.27	279.14	5
9	1077.54	539.27	1059.53	530.27	D	478.23	239.62	461.20	231.10	460.22	230.61	4
10	1178.59	589.80	1160.58	580.79	T	**363.20**	182.10	346.17	173.59	345.19	173.10	3
11	1265.62	633.31	1247.61	624.31	S	262.15	131.58	245.12	123.07	244.14	122.57	2
12					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID791 **ALPNQQTVDYPSFK**



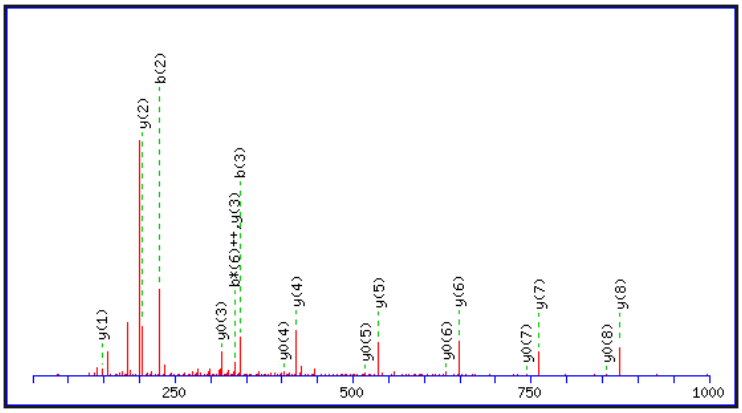
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.05	57.53					A							14
2	**227.14**	114.07					L	**1536.77**	768.89	1519.74	760.37	1518.76	759.88	13
3	324.19	162.60					P	**1423.69**	712.35	**1406.66**	703.83	1405.67	703.34	12
4	438.23	219.62	421.21	211.11			N	**1326.63**	663.82	**1309.61**	655.31	1308.62	654.81	11
5	566.29	283.65	549.27	275.14			Q	**1212.59**	606.80	**1195.56**	598.29	1194.58	597.79	10
6	694.35	347.68	677.33	339.17			Q	**1084.53**	542.77	**1067.50**	**534.26**	1066.52	533.76	9
7	795.40	398.20	778.37	389.69	777.39	389.20	T	**956.47**	478.74	939.45	470.23	938.46	469.73	8
8	894.47	447.74	877.44	439.22	876.46	438.73	V	**855.42**	428.22	838.40	419.70	837.41	419.21	7
9	1009.49	505.25	992.47	496.74	991.48	496.25	D	**756.36**	378.68	739.33	370.17	738.35	369.68	6
10	1172.56	586.78	1155.53	578.27	1154.55	577.78	Y	**641.33**	321.17	624.30	312.66	623.32	312.16	5
11	1269.61	635.31	1252.58	626.80	1251.60	626.30	P	**478.27**	239.64	461.24	231.12	460.26	230.63	4
12	1356.64	678.83	1339.62	670.31	1338.63	669.82	S	**381.21**	191.11	364.19	182.60	363.20	182.10	3
13	1503.71	752.36	1486.68	743.85	1485.70	743.35	F	**294.18**	147.59	277.15	139.08			2
14							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID793 **FTNFVEFR**



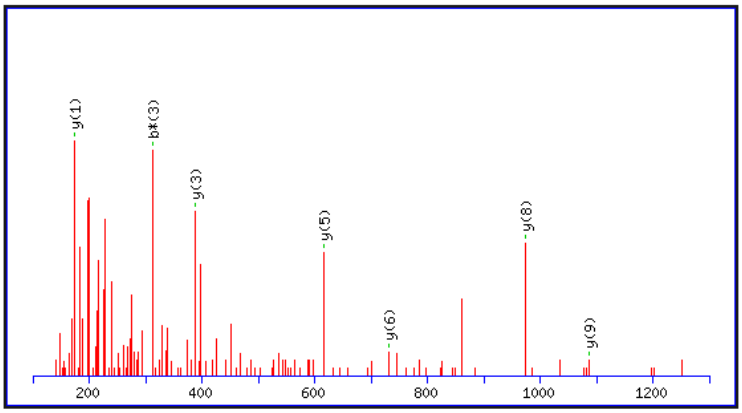
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	148.08	74.54					F							8
2	249.12	125.07			**231.11**	116.06	T	**912.46**	456.73	895.43	448.22	**894.45**	447.73	7
3	363.17	182.09	346.14	173.57	345.16	173.08	N	**811.41**	406.21	**794.38**	397.70	793.40	397.20	6
4	510.23	255.62	493.21	247.11	492.22	246.62	F	**697.37**	349.19	**680.34**	340.67	679.36	340.18	5
5	609.30	305.16	592.28	296.64	591.29	296.15	V	**550.30**	275.65	533.27	267.14	532.29	266.65	4
6	738.35	369.68	721.32	**361.16**	720.34	360.67	E	**451.23**	226.12	**434.20**	217.61	433.22	217.11	3
7	885.41	443.21	868.39	434.70	867.40	**434.21**	F	**322.19**	161.60	305.16	153.08			2
8							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID794 **NILLLDSEGK**



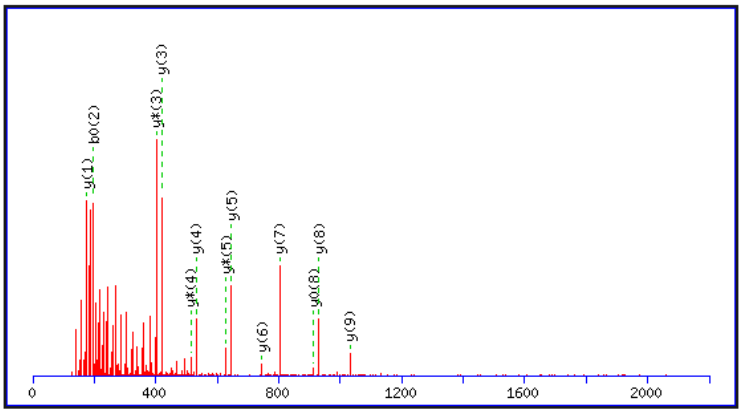
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	115.05	58.03	98.02	49.52			N							10
2	**228.13**	114.57	211.11	106.06			I	987.57	494.29	970.55	485.78	969.56	485.28	9
3	**341.22**	171.11	324.19	162.60			L	**874.49**	437.75	857.46	429.23	**856.48**	428.74	8
4	454.30	227.65	437.28	219.14			L	**761.40**	381.21	744.38	372.69	**743.39**	372.20	7
5	567.39	284.20	550.36	275.68			L	**648.32**	324.66	631.29	316.15	**630.31**	315.66	6
6	682.41	341.71	665.39	**333.20**	664.40	332.71	D	**535.24**	268.12	518.21	259.61	**517.23**	259.12	5
7	769.45	385.23	752.42	376.71	751.43	376.22	S	**420.21**	210.61	403.18	202.09	**402.20**	201.60	4
8	898.49	449.75	881.46	441.23	880.48	440.74	E	**333.18**	167.09	316.15	158.58	**315.17**	158.09	3
9	955.51	478.26	938.48	469.75	937.50	469.25	G	**204.13**	102.57	187.11	94.06			2
10							K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID795 **QSNILEDLDTLR**



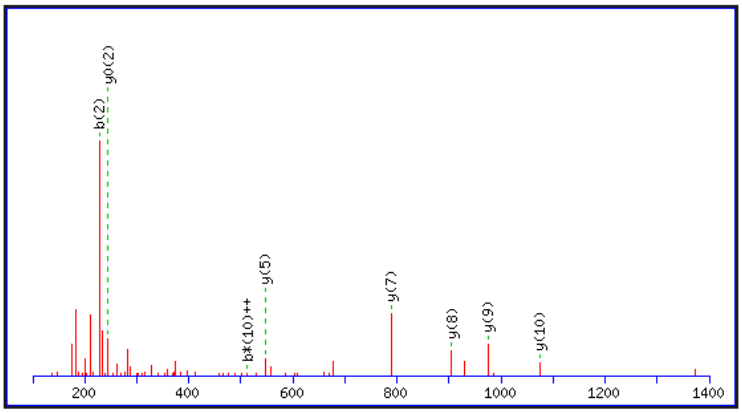
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	129.07	65.04	112.04	56.52			Q							12
2	216.10	108.55	199.07	100.04	198.09	99.55	S	1288.67	644.84	1271.65	636.33	1270.66	635.84	11
3	330.14	165.57	**313.11**	157.06	312.13	156.57	N	1201.64	601.32	1184.62	592.81	1183.63	592.32	10
4	443.22	222.12	426.20	213.60	425.21	213.11	I	**1087.60**	544.30	1070.57	535.79	1069.59	535.30	9
5	556.31	278.66	539.28	270.14	538.30	269.65	L	**974.52**	487.76	957.49	479.25	956.50	478.76	8
6	685.35	343.18	668.32	334.67	667.34	334.17	E	861.43	431.22	844.40	422.71	843.42	422.21	7
7	800.38	400.69	783.35	392.18	782.37	391.69	D	**732.39**	366.70	715.36	358.18	714.38	357.69	6
8	913.46	457.23	896.44	448.72	895.45	448.23	L	**617.36**	309.18	600.34	300.67	599.35	300.18	5
9	1028.49	514.75	1011.46	506.24	1010.48	505.74	D	504.28	252.64	487.25	244.13	486.27	243.64	4
10	1129.54	565.27	1112.51	556.76	1111.53	556.27	T	**389.25**	195.13	372.22	186.62	371.24	186.12	3
11	1242.62	621.81	1225.59	613.30	1224.61	612.81	L	288.20	144.61	271.18	136.09			2
12							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID796 **ITEGVNLPFR**



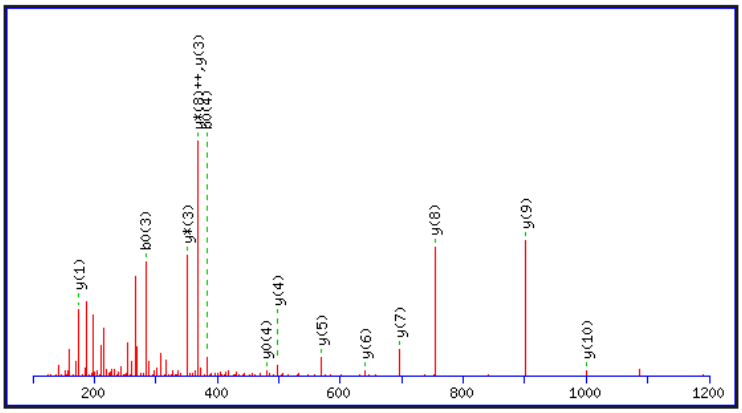
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					I							10
2	215.14	108.07			**197.13**	99.07	T	**1032.55**	516.78	1015.52	508.26	1014.54	507.77	9
3	344.18	172.59			326.17	163.59	E	**931.50**	466.25	914.47	457.74	**913.49**	457.25	8
4	401.20	201.11			383.19	192.10	G	**802.46**	401.73	785.43	393.22			7
5	500.27	250.64			482.26	241.63	V	**745.44**	373.22	728.41	364.71			6
6	614.31	307.66	597.29	299.15	596.30	298.66	N	**646.37**	323.69	**629.34**	315.17			5
7	727.40	364.20	710.37	355.69	709.39	355.20	L	**532.32**	266.67	**515.30**	258.15			4
8	824.45	412.73	807.42	404.22	806.44	403.72	P	**419.24**	210.12	**402.21**	201.61			3
9	971.52	486.26	954.49	477.75	953.51	477.26	F	322.19	161.60	305.16	153.08			2
10							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID806 **LNVADIEATLSR**



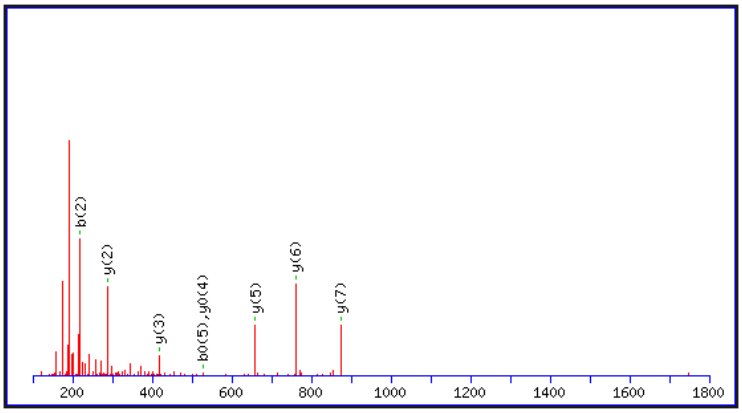
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					L							12
2	**228.13**	114.57	211.11	106.06			N	1188.62	594.81	1171.60	586.30	1170.61	585.81	11
3	327.20	164.10	310.18	155.59			V	**1074.58**	537.79	1057.55	529.28	1056.57	528.79	10
4	398.24	199.62	381.21	191.11			A	**975.51**	488.26	958.48	479.75	957.50	479.25	9
5	513.27	257.14	496.24	248.62	495.26	248.13	D	**904.47**	452.74	887.45	444.23	886.46	443.74	8
6	626.35	313.68	609.32	305.17	608.34	304.67	I	**789.45**	395.23	772.42	386.71	771.44	386.22	7
7	755.39	378.20	738.37	369.69	737.38	369.20	E	676.36	338.68	659.34	330.17	658.35	329.68	6
8	826.43	413.72	809.40	405.21	808.42	404.71	A	**547.32**	274.16	530.29	265.65	529.31	265.16	5
9	927.48	464.24	910.45	455.73	909.47	455.24	T	476.28	238.64	459.26	230.13	458.27	229.64	4
10	1040.56	520.78	1023.54	**512.27**	1022.55	511.78	L	375.24	188.12	358.21	179.61	357.22	179.12	3
11	1127.59	564.30	1110.57	555.79	1109.58	555.30	S	262.15	131.58	245.12	123.07	**244.14**	122.57	2
12							R	175.12	88.06	158.09	79.55			1

MS/MS Fragmentation of ID808 **LTSVFGGAAEPPR**



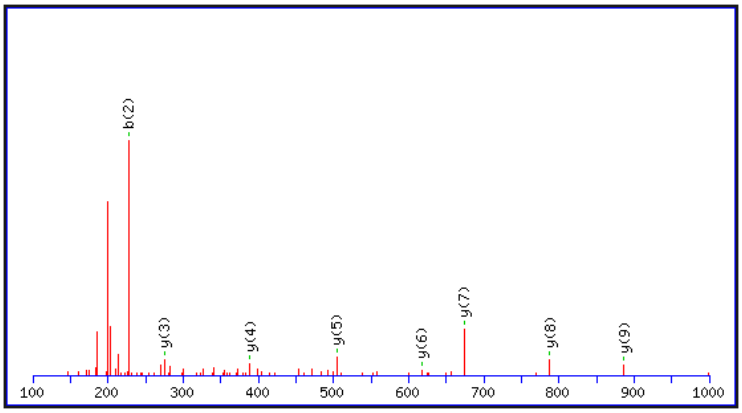
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			L							13
2	215.14	108.07	197.13	99.07	T	1188.60	594.80	1171.57	586.29	1170.59	585.80	12
3	302.17	151.59	**284.16**	142.58	S	1087.55	544.28	1070.53	535.77	1069.54	535.27	11
4	401.24	201.12	**383.23**	192.12	V	**1000.52**	500.76	983.49	492.25	982.51	491.76	10
5	548.31	274.66	530.30	265.65	F	**901.45**	451.23	884.43	442.72	883.44	442.22	9
6	605.33	303.17	587.32	294.16	G	**754.38**	377.70	737.36	**369.18**	736.37	368.69	8
7	662.35	331.68	644.34	322.67	G	**697.36**	349.19	680.34	340.67	679.35	340.18	7
8	733.39	367.20	715.38	358.19	A	**640.34**	320.67	623.31	312.16	622.33	311.67	6
9	804.43	402.72	786.41	393.71	A	**569.30**	285.16	552.28	276.64	551.29	276.15	5
10	933.47	467.24	915.46	458.23	E	**498.27**	249.64	481.24	241.12	**480.26**	240.63	4
11	1030.52	515.76	1012.51	506.76	P	**369.22**	185.12	**352.20**	176.60			3
12	1127.57	564.29	1109.56	555.28	P	272.17	136.59	255.15	128.08			2
13					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID810 **AFLTLEELR**



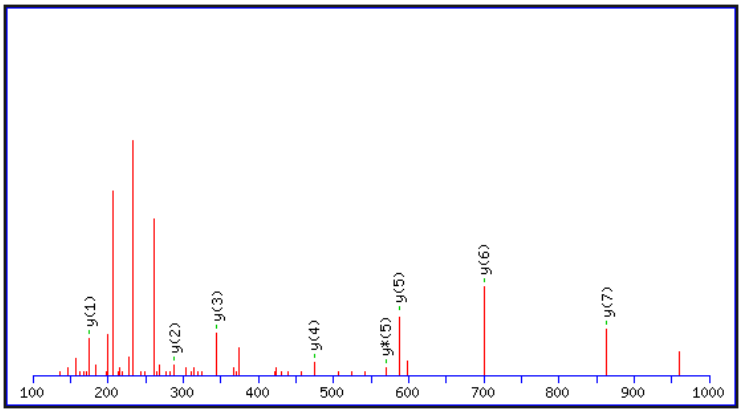
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53			A							9
2	**219.11**	110.06			F	1020.57	510.79	1003.55	502.28	1002.56	501.78	8
3	332.20	166.60			L	**873.50**	437.26	856.48	428.74	855.49	428.25	7
4	433.24	217.13	415.23	208.12	T	**760.42**	380.71	743.39	372.20	742.41	371.71	6
5	546.33	273.67	**528.32**	264.66	L	**659.37**	330.19	642.35	321.68	641.36	321.18	5
6	675.37	338.19	657.36	329.18	E	546.29	273.65	529.26	265.13	**528.28**	264.64	4
7	804.41	402.71	786.40	393.71	E	**417.25**	209.13	400.22	200.61	399.24	200.12	3
8	917.50	459.25	899.49	450.25	L	**288.20**	144.61	271.18	136.09			2
9					R	175.12	88.06	158.09	79.55			1

MS/MS Fragmentation of ID812 **ILVLGLDNAGK**



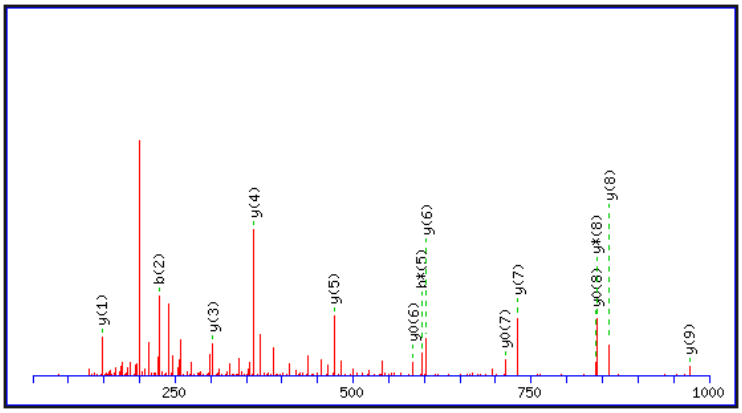
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					I							11
2	**227.18**	114.09					L	999.58	500.30	982.56	491.78	981.57	491.29	10
3	326.24	163.63					V	**886.50**	443.75	869.47	435.24	868.49	434.75	9
4	439.33	220.17					L	**787.43**	394.22	770.40	385.71	769.42	385.21	8
5	496.35	248.68					G	**674.35**	337.68	657.32	329.16	656.34	328.67	7
6	609.43	305.22					L	**617.33**	309.17	600.30	300.65	599.31	300.16	6
7	724.46	362.73			706.45	353.73	D	**504.24**	252.62	487.21	244.11	486.23	243.62	5
8	838.50	419.76	821.48	411.24	820.49	410.75	N	**389.21**	195.11	372.19	186.60			4
9	909.54	455.27	892.51	446.76	891.53	446.27	A	**275.17**	138.09	258.14	129.58			3
10	966.56	483.78	949.54	475.27	948.55	474.78	G	204.13	102.57	187.11	94.06			2
11							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID813 **SFPYILEGLR**



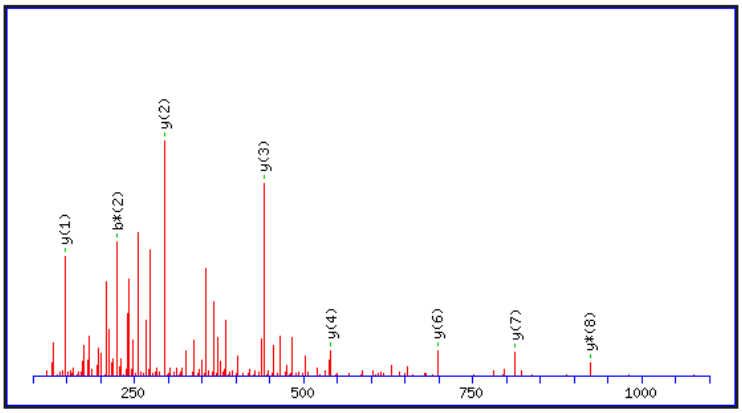
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.04	44.52	70.03	35.52	S							10
2	235.11	118.06	217.10	109.05	F	1107.62	554.31	1090.59	545.80	1089.61	545.31	9
3	332.16	166.58	314.15	157.58	P	960.55	480.78	943.52	472.27	942.54	471.77	8
4	495.22	248.12	477.21	239.11	Y	**863.50**	432.25	846.47	423.74	845.49	423.25	7
5	608.31	304.66	590.30	295.65	I	**700.44**	350.72	683.41	342.21	682.42	341.72	6
6	721.39	361.20	703.38	352.19	L	**587.35**	294.18	**570.32**	285.67	569.34	285.17	5
7	850.43	425.72	832.42	416.72	E	**474.27**	237.64	457.24	229.12	456.26	228.63	4
8	907.46	454.23	889.45	445.23	G	**345.22**	173.12	328.20	164.60			3
9	1020.54	510.77	1002.53	501.77	L	**288.20**	144.61	271.18	136.09			2
10					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID815 **ILQEEIGGVK**



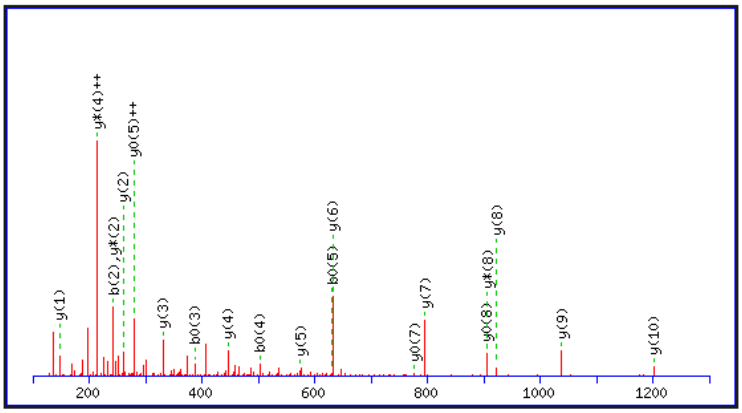
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					I							10
2	**227.18**	114.09					L	**972.54**	486.77	955.51	478.26	954.53	477.77	9
3	355.23	178.12	338.21	169.61			Q	**859.45**	430.23	**842.43**	421.72	**841.44**	421.22	8
4	484.28	242.64	467.25	234.13	466.27	233.64	E	**731.39**	366.20	714.37	357.69	**713.38**	357.20	7
5	613.32	307.16	**596.29**	298.65	595.31	298.16	E	**602.35**	301.68	585.32	293.17	**584.34**	292.67	6
6	726.40	363.71	709.38	355.19	708.39	354.70	I	**473.31**	237.16	456.28	228.64			5
7	783.42	392.22	766.40	383.70	765.41	383.21	G	**360.22**	180.62	343.20	172.10			4
8	840.45	420.73	823.42	412.21	822.44	411.72	G	**303.20**	152.10	286.18	143.59			3
9	939.51	470.26	922.49	461.75	921.50	461.26	V	246.18	123.59	229.15	115.08			2
10							K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID824 **LQDGTVFFK**



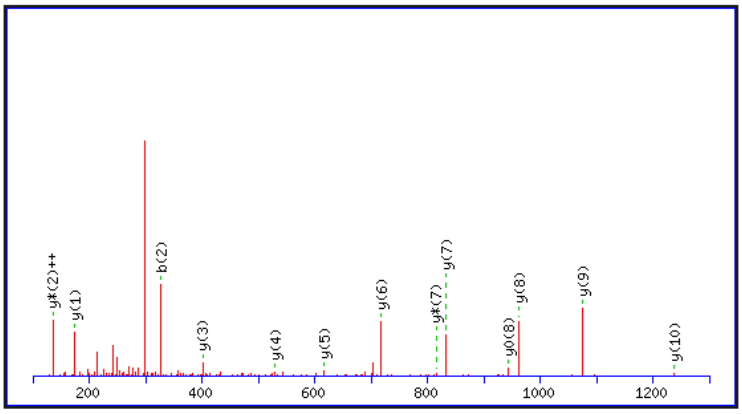
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					L							9
2	242.15	121.58	225.12	113.07			Q	941.47	471.24	924.45	462.73	923.46	462.23	8
3	357.18	179.09	340.15	170.58	339.17	170.09	D	813.41	407.21	796.39	398.70	795.40	398.21	7
4	414.20	207.60	397.17	199.09	396.19	198.60	G	698.39	349.70	681.36	341.18	680.38	340.69	6
5	515.25	258.13	498.22	249.61	497.24	249.12	T	641.37	321.19	624.34	312.67	623.36	312.18	5
6	614.31	307.66	597.29	299.15	596.30	298.66	V	540.32	270.66	523.29	262.15			4
7	761.38	381.20	744.36	372.68	743.37	372.19	F	441.25	221.13	424.22	212.62			3
8	908.45	454.73	891.42	446.22	890.44	445.72	F	294.18	147.59	277.15	139.08			2
9							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID825 **EIYDQYGEDALK**



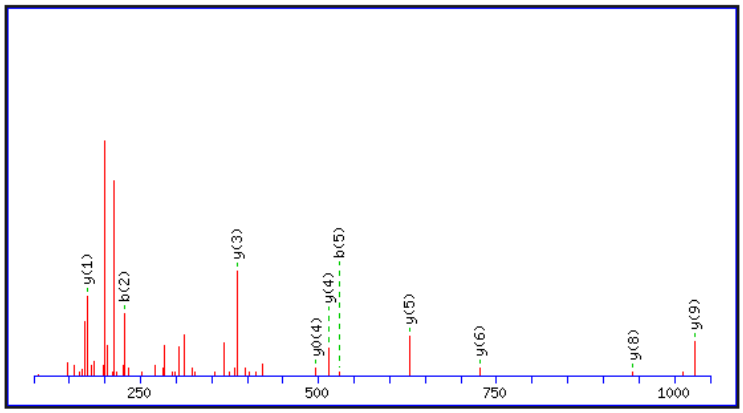
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	130.05	65.53			112.04	56.52	E							12
2	**243.13**	122.07			225.12	113.07	I	1314.62	657.81	1297.59	649.30	1296.61	648.81	11
3	406.20	203.60			**388.19**	194.60	Y	**1201.54**	601.27	1184.51	592.76	1183.53	592.27	10
4	521.22	261.12			**503.21**	252.11	D	**1038.47**	519.74	1021.45	511.23	1020.46	510.74	9
5	649.28	325.15	632.26	316.63	**631.27**	316.14	Q	**923.45**	462.23	**906.42**	453.71	**905.44**	453.22	8
6	812.35	406.68	795.32	398.16	794.34	397.67	Y	**795.39**	398.20	778.36	389.68	**777.38**	389.19	7
7	869.37	435.19	852.34	426.67	851.36	426.18	G	**632.32**	316.67	615.30	308.15	614.31	307.66	6
8	998.41	499.71	981.38	491.20	980.40	490.70	E	**575.30**	288.16	558.28	279.64	557.29	**279.15**	5
9	1113.44	557.22	1096.41	548.71	1095.43	548.22	D	**446.26**	223.63	429.23	**215.12**	428.25	214.63	4
10	1184.47	592.74	1167.45	584.23	1166.46	583.74	A	**331.23**	166.12	314.21	157.61			3
11	1297.56	649.28	1280.53	640.77	1279.55	640.28	L	**260.20**	130.60	**243.17**	122.09			2
12							K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID829 **YYLEDTSEILR**



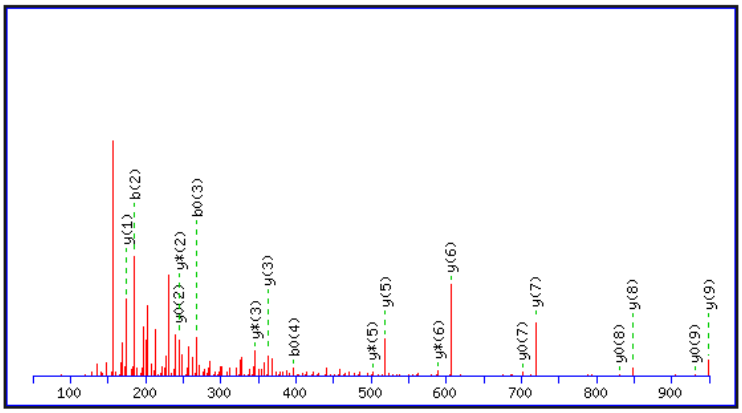
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	164.07	82.54			Y							11
2	**327.13**	164.07			Y	**1238.63**	619.82	1221.60	611.30	1220.62	610.81	10
3	440.22	220.61			L	**1075.56**	538.29	1058.54	529.77	1057.55	529.28	9
4	569.26	285.13	551.25	276.13	E	**962.48**	481.74	945.45	473.23	**944.47**	472.74	8
5	684.29	342.65	666.28	333.64	D	**833.44**	417.22	**816.41**	408.71	815.43	408.22	7
6	785.34	393.17	767.32	384.17	T	**718.41**	359.71	701.38	351.20	700.40	350.70	6
7	872.37	436.69	854.36	427.68	S	**617.36**	309.18	600.34	300.67	599.35	300.18	5
8	1001.41	501.21	983.40	492.20	E	**530.33**	265.67	513.30	257.16	512.32	256.66	4
9	1114.49	557.75	1096.48	548.75	I	**401.29**	201.15	384.26	192.63			3
10	1227.58	614.29	1209.57	605.29	L	288.20	144.61	271.18	**136.09**			2
11					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID830 **LLSSQVLEPLR**



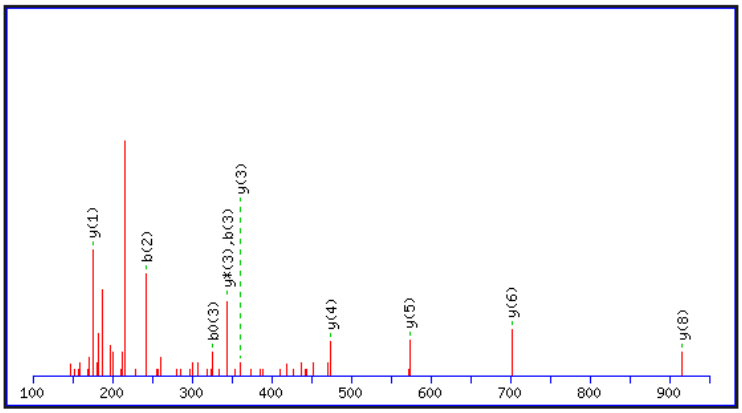
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					L							11
2	**227.18**	114.09					L	1141.66	571.33	1124.63	562.82	1123.65	562.33	10
3	314.21	157.61			296.20	148.60	S	**1028.57**	514.79	1011.55	506.28	1010.56	505.79	9
4	401.24	201.12			383.23	192.12	S	**941.54**	471.27	924.51	462.76	923.53	462.27	8
5	**529.30**	265.15	512.27	256.64	511.29	256.15	Q	854.51	427.76	837.48	419.25	836.50	418.75	7
6	628.37	314.69	611.34	306.17	610.36	305.68	V	**726.45**	363.73	709.42	355.22	708.44	354.72	6
7	741.45	371.23	724.42	362.72	723.44	362.22	L	**627.38**	314.19	610.36	305.68	609.37	305.19	5
8	870.49	435.75	853.47	427.24	852.48	426.74	E	**514.30**	257.65	497.27	249.14	**496.29**	248.65	4
9	967.55	484.28	950.52	475.76	949.54	475.27	P	**385.26**	193.13	368.23	184.62			3
10	1080.63	540.82	1063.60	532.31	1062.62	531.81	L	288.20	144.61	271.18	136.09			2
11							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID831 **AITELSGVTSR**



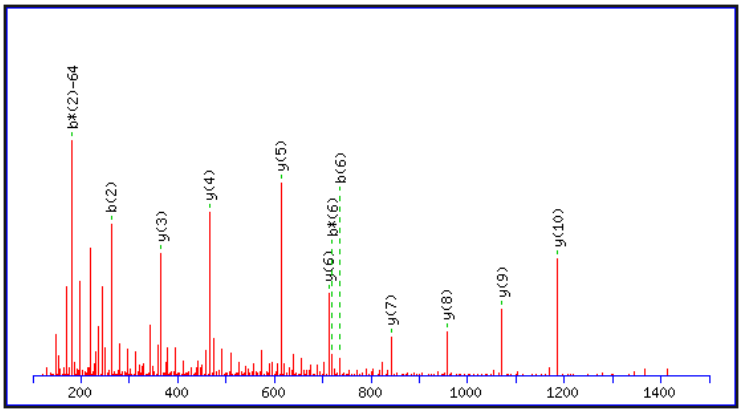
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53			A							11
2	**185.13**	93.07			I	1062.58	531.79	1045.55	523.28	1044.57	522.79	10
3	286.18	143.59	**268.17**	134.59	T	**949.49**	475.25	932.47	466.74	**931.48**	466.25	9
4	415.22	208.11	**397.21**	199.11	E	**848.45**	424.73	831.42	416.21	**830.44**	415.72	8
5	528.30	264.66	510.29	255.65	L	**719.40**	360.21	702.38	351.69	**701.39**	351.20	7
6	615.33	308.17	597.32	299.17	S	**606.32**	303.66	**589.29**	295.15	588.31	294.66	6
7	672.36	336.68	654.35	327.68	G	**519.29**	260.15	**502.26**	251.63	501.28	251.14	5
8	771.42	386.22	753.41	377.21	V	462.27	231.64	445.24	223.12	444.26	222.63	4
9	872.47	436.74	854.46	427.73	T	**363.20**	182.10	**346.17**	173.59	345.19	173.10	3
10	959.50	480.26	941.49	471.25	S	262.15	131.58	**245.12**	123.07	**244.14**	122.57	2
11					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID833 **IETLEVLSVR**



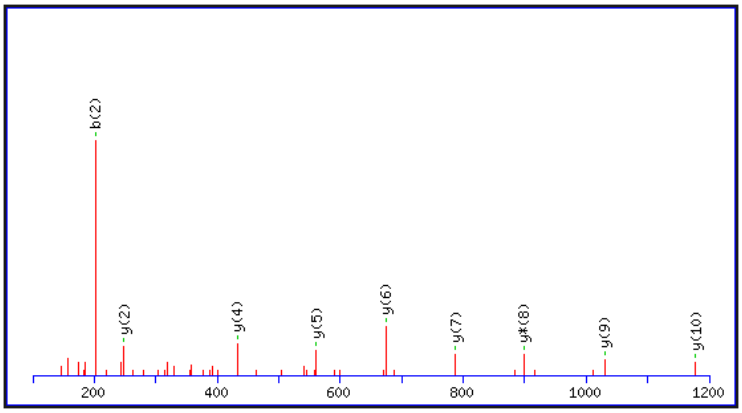
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			I							10
2	**243.13**	122.07	225.12	113.07	E	1045.59	523.30	1028.56	514.78	1027.58	514.29	9
3	**344.18**	172.59	**326.17**	163.59	T	**916.55**	458.78	899.52	450.26	898.54	449.77	8
4	457.27	229.14	439.26	220.13	L	815.50	408.25	798.47	399.74	797.49	399.25	7
5	586.31	293.66	568.30	284.65	E	**702.41**	351.71	685.39	343.20	684.40	342.71	6
6	685.38	343.19	667.37	334.19	V	**573.37**	287.19	556.35	278.68	555.36	278.18	5
7	798.46	399.73	780.45	390.73	L	**474.30**	237.66	457.28	229.14	456.29	228.65	4
8	885.49	443.25	867.48	434.24	S	**361.22**	181.11	**344.19**	172.60	343.21	172.11	3
9	984.56	492.78	966.55	483.78	V	274.19	137.60	257.16	129.08			2
10					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID834 **NMDDDEVFTFAK**



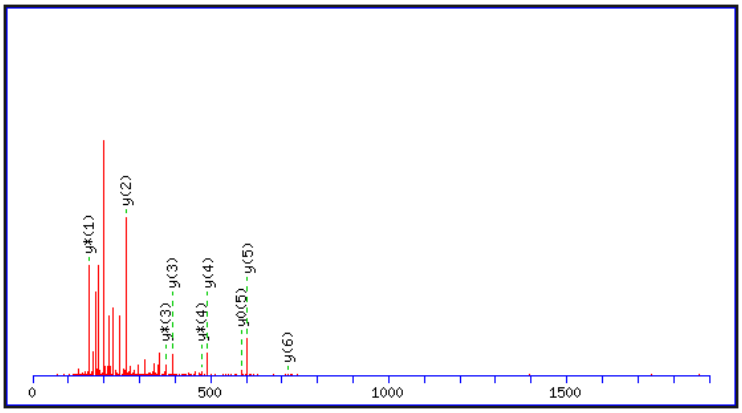
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	115.05	58.03	98.02	49.52			N							12
2	**262.09**	131.55	245.06	123.03			M	1333.56	667.28	1316.54	658.77	1315.55	658.28	11
3	377.11	189.06	360.09	180.55	359.10	180.05	D	**1186.53**	593.77	1169.50	585.25	1168.52	584.76	10
4	492.14	246.57	475.11	238.06	474.13	237.57	D	**1071.50**	536.25	1054.47	527.74	1053.49	527.25	9
5	607.17	304.09	590.14	295.57	589.16	295.08	D	**956.47**	478.74	939.45	470.23	938.46	469.73	8
6	**736.21**	368.61	**719.18**	360.09	718.20	359.60	E	**841.45**	421.23	824.42	412.71	823.43	412.22	7
7	835.28	418.14	818.25	409.63	817.27	409.14	V	**712.40**	356.71	695.38	348.19	694.39	347.70	6
8	982.35	491.68	965.32	483.16	964.34	482.67	F	**613.33**	307.17	596.31	298.66	595.32	298.17	5
9	1083.39	542.20	1066.37	533.69	1065.38	533.20	T	**466.27**	233.64	449.24	225.12	448.26	224.63	4
10	1230.46	615.73	1213.44	607.22	1212.45	606.73	F	**365.22**	183.11	348.19	174.60			3
11	1301.50	651.25	1284.47	642.74	1283.49	642.25	A	218.15	109.58	201.12	101.07			2
12							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID836 **SNFDQLIELATK**



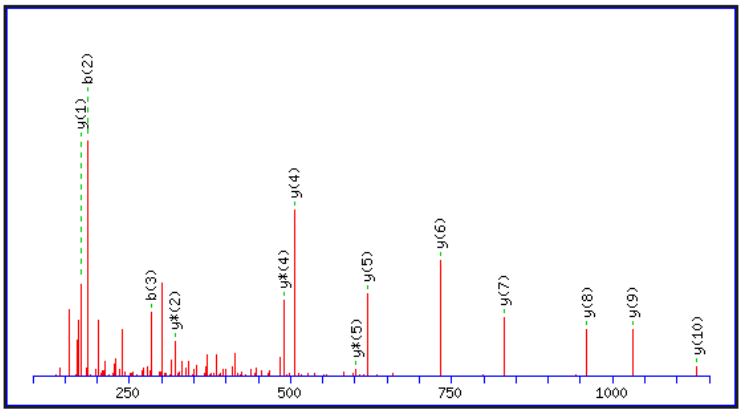
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.04	44.52			70.03	35.52	S							12
2	**202.08**	101.54	185.06	93.03	184.07	92.54	N	1291.69	646.35	1274.66	637.83	1273.68	637.34	11
3	349.15	175.08	332.12	166.57	331.14	166.07	F	**1177.65**	589.33	1160.62	580.81	1159.64	580.32	10
4	464.18	232.59	447.15	224.08	446.17	223.59	D	**1030.58**	515.79	1013.55	507.28	1012.57	506.79	9
5	592.24	296.62	575.21	288.11	574.23	287.62	Q	915.55	458.28	**898.52**	449.77	897.54	449.27	8
6	705.32	353.16	688.29	344.65	687.31	344.16	L	**787.49**	394.25	770.47	385.74	769.48	385.24	7
7	818.40	409.71	801.38	401.19	800.39	400.70	I	**674.41**	337.71	657.38	329.19	656.40	328.70	6
8	947.45	474.23	930.42	465.71	929.44	465.22	E	**561.32**	281.17	544.30	272.65	543.31	272.16	5
9	1060.53	530.77	1043.50	522.26	1042.52	521.76	L	**432.28**	216.64	415.26	208.13	414.27	207.64	4
10	1131.57	566.29	1114.54	557.77	1113.56	557.28	A	319.20	160.10	302.17	151.59	301.19	151.10	3
11	1232.62	616.81	1215.59	608.30	1214.61	607.81	T	**248.16**	124.58	231.13	116.07	230.15	115.58	2
12							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID839 **AILVESR**



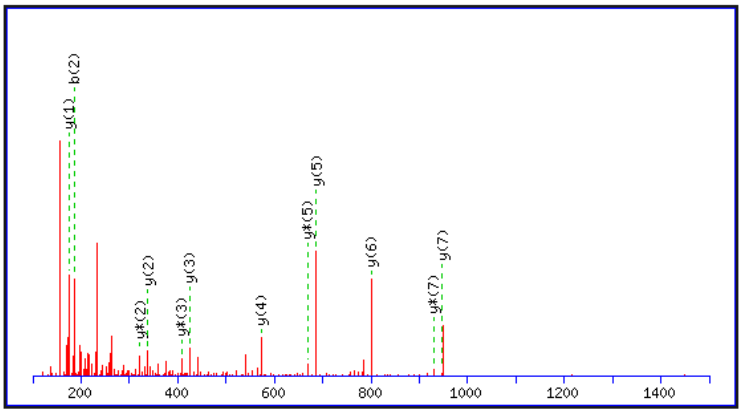
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.05	57.53			A							7
2	227.14	114.07			I	**716.43**	358.72	699.40	350.21	698.42	349.71	6
3	340.22	170.62			L	**603.35**	302.18	586.32	293.66	**585.34**	293.17	5
4	439.29	220.15			V	**490.26**	245.63	**473.24**	237.12	472.25	236.63	4
5	568.33	284.67	550.32	275.67	E	**391.19**	196.10	**374.17**	187.59	373.18	187.10	3
6	655.37	328.19	637.36	319.18	S	**262.15**	131.58	245.12	123.07	244.14	122.57	2
7					R	175.12	88.06	**158.09**	79.55			1

MS/MS Fragmentation of ID840 **LAVAEVLLPAYR**



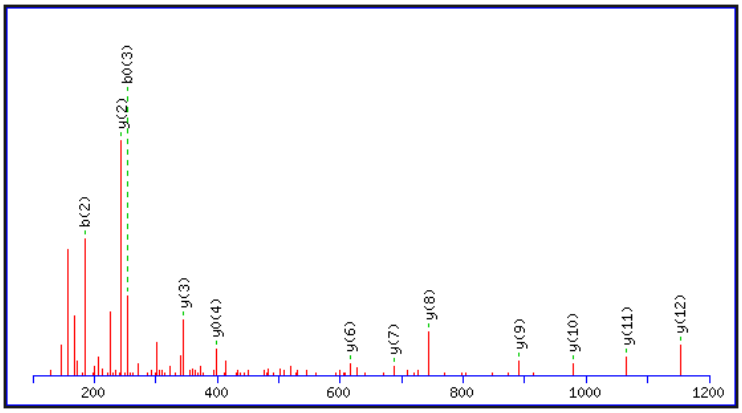
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			L							12
2	**185.13**	93.07			A	1201.69	601.35	1184.67	592.84	1183.68	592.35	11
3	**284.20**	142.60			V	**1130.66**	565.83	1113.63	557.32	1112.65	556.83	10
4	355.23	178.12			A	**1031.59**	516.30	1014.56	507.78	1013.58	507.29	9
5	484.28	242.64	466.27	233.64	E	**960.55**	480.78	943.52	472.27	942.54	471.77	8
6	583.34	292.18	565.33	283.17	V	**831.51**	416.26	814.48	407.74			7
7	696.43	348.72	678.42	339.71	L	**732.44**	366.72	715.41	358.21			6
8	809.51	405.26	791.50	396.25	L	**619.36**	310.18	**602.33**	301.67			5
9	906.57	453.79	888.56	444.78	P	**506.27**	253.64	**489.25**	245.13			4
10	977.60	489.31	959.59	480.30	A	409.22	205.11	392.19	196.60			3
11	1140.67	570.84	1122.66	561.83	Y	338.18	169.59	**321.16**	161.08			2
12					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID841 **ALFNNFSYR**



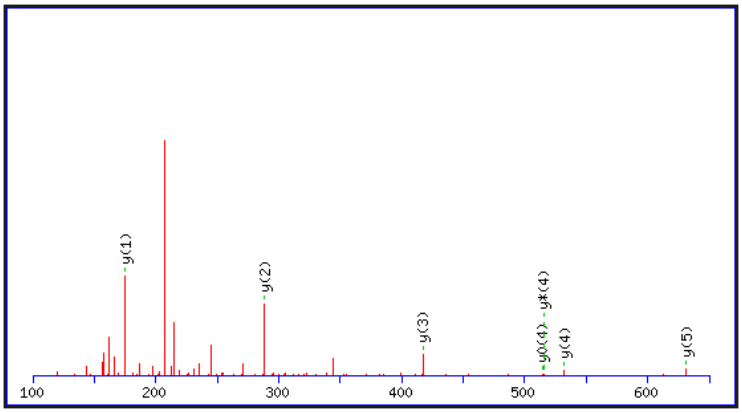
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53					A							9
2	**185.13**	93.07					L	1060.52	530.76	1043.49	522.25	1042.51	521.76	8
3	332.20	166.60					F	**947.44**	474.22	**930.41**	465.71	929.43	465.22	7
4	446.24	223.62	429.21	215.11			N	**800.37**	400.69	783.34	392.17	782.36	391.68	6
5	560.28	280.64	543.26	272.13			N	**686.33**	343.67	**669.30**	335.15	668.32	334.66	5
6	707.35	354.18	690.32	345.67			F	**572.28**	286.64	555.26	278.13	554.27	277.64	4
7	794.38	397.70	777.36	389.18	776.37	388.69	S	**425.21**	213.11	**408.19**	204.60	407.20	204.11	3
8	957.45	479.23	940.42	470.71	939.44	470.22	Y	**338.18**	169.59	**321.16**	161.08			2
9							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID843 **PSSSFGASLATPK**



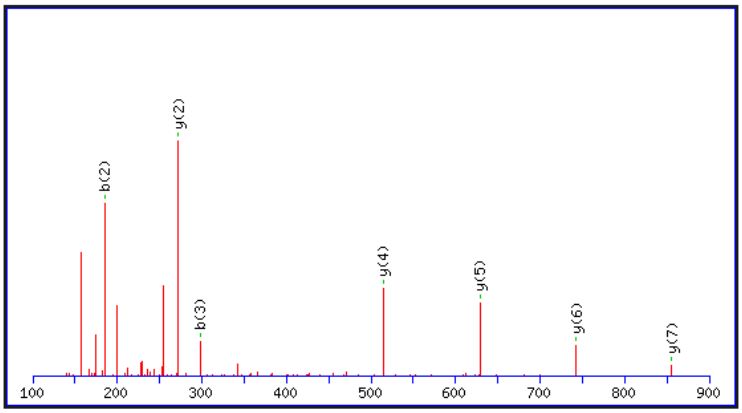
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	98.06	49.53			P							13
2	**185.09**	93.05	167.08	84.04	S	**1152.59**	576.80	1135.56	568.29	1134.58	567.79	12
3	272.12	136.57	**254.11**	127.56	S	**1065.56**	533.28	1048.53	524.77	1047.55	524.28	11
4	359.16	180.08	341.15	171.08	S	**978.53**	489.77	961.50	481.25	960.51	480.76	10
5	506.22	253.62	488.21	244.61	F	**891.49**	446.25	874.47	437.74	873.48	437.25	9
6	563.25	282.13	545.24	273.12	G	**744.43**	372.72	727.40	364.20	726.41	363.71	8
7	634.28	317.65	616.27	308.64	A	**687.40**	344.21	670.38	335.69	669.39	335.20	7
8	721.32	361.16	703.30	352.16	S	**616.37**	308.69	599.34	300.17	598.36	299.68	6
9	834.40	417.70	816.39	408.70	L	529.33	265.17	512.31	256.66	511.32	256.17	5
10	905.44	453.22	887.43	444.22	A	416.25	208.63	399.22	200.12	**398.24**	199.62	4
11	1006.48	503.75	988.47	494.74	T	**345.21**	173.11	328.19	164.60	327.20	164.10	3
12	1103.54	552.27	1085.53	543.27	P	**244.17**	122.59	227.14	114.07			2
13					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID844 **SFVDEIR**



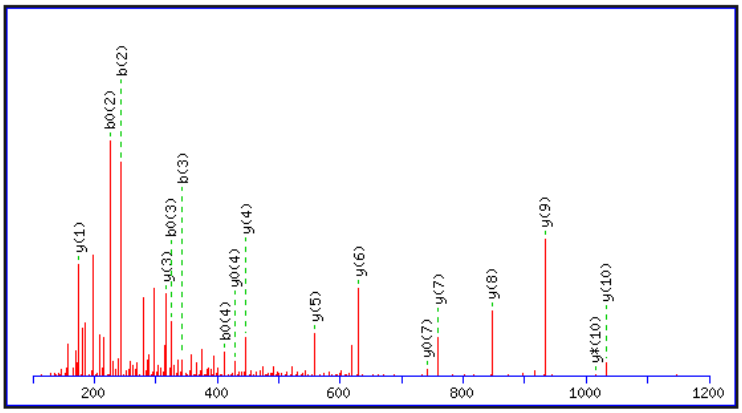
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.04	44.52	70.03	35.52	S							7
2	235.11	118.06	217.10	109.05	F	778.41	389.71	761.38	381.20	760.40	380.70	6
3	334.18	167.59	316.17	158.59	V	**631.34**	316.17	614.31	307.66	613.33	307.17	5
4	449.20	225.11	431.19	216.10	D	**532.27**	266.64	**515.25**	258.13	**514.26**	257.63	4
5	578.25	289.63	560.24	280.62	E	**417.25**	209.13	400.22	200.61	399.24	200.12	3
6	691.33	346.17	673.32	337.16	I	**288.20**	144.61	271.18	136.09			2
7					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID859 **ALLIDLEPR**



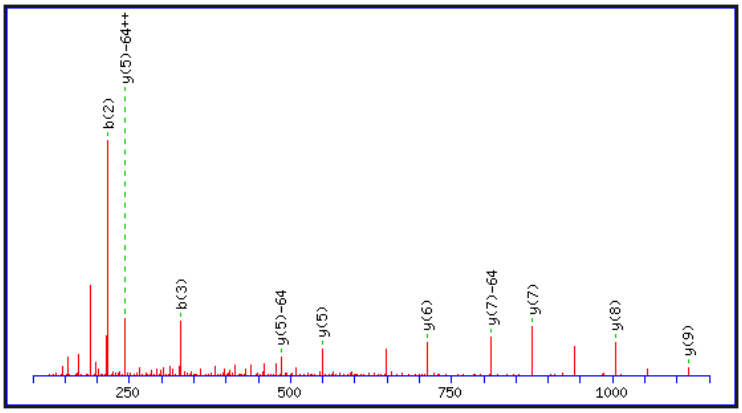
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53			A							9
2	**185.13**	93.07			L	968.58	484.79	951.55	476.28	950.57	475.79	8
3	**298.21**	149.61			L	**855.49**	428.25	838.47	419.74	837.48	419.25	7
4	411.30	206.15			I	**742.41**	371.71	725.38	363.20	724.40	362.70	6
5	526.32	263.67	508.31	254.66	D	**629.33**	315.17	612.30	306.65	611.31	306.16	5
6	639.41	320.21	621.40	311.20	L	**514.30**	257.65	497.27	249.14	496.29	248.65	4
7	768.45	384.73	750.44	375.72	E	401.21	201.11	384.19	192.60	383.20	192.11	3
8	865.50	433.26	847.49	424.25	P	**272.17**	136.59	255.15	128.08			2
9					R	175.12	88.06	158.09	79.55			1

MS/MS Fragmentation of ID872 **ENVSSEALEAAR**



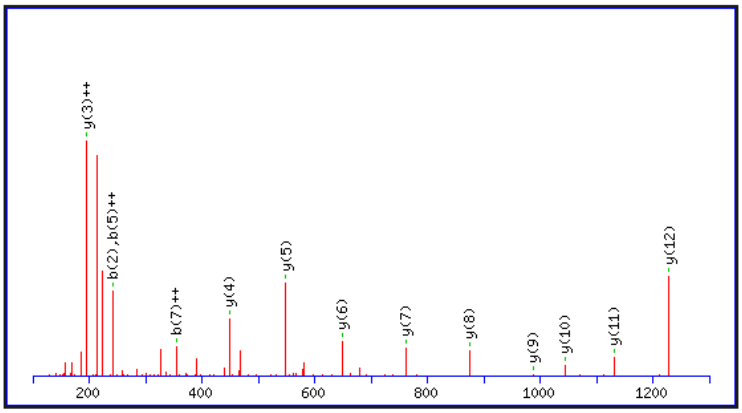
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	130.05	65.53			112.04	56.52	E							12
2	**244.09**	122.55	227.07	114.04	**226.08**	113.54	N	1146.57	573.79	1129.55	565.28	1128.56	564.79	11
3	**343.16**	172.08	326.13	163.57	**325.15**	163.08	V	**1032.53**	516.77	**1015.51**	508.26	1014.52	507.76	10
4	430.19	215.60	413.17	207.09	**412.18**	206.59	S	**933.46**	467.24	916.44	458.72	915.45	458.23	9
5	517.23	259.12	500.20	250.60	499.21	250.11	S	**846.43**	423.72	829.41	415.21	828.42	414.71	8
6	646.27	323.64	629.24	315.12	628.26	314.63	E	**759.40**	380.20	742.37	371.69	**741.39**	371.20	7
7	717.30	359.16	700.28	350.64	699.29	350.15	A	**630.36**	315.68	613.33	307.17	612.35	306.68	6
8	830.39	415.70	813.36	407.18	812.38	406.69	L	**559.32**	280.16	542.29	271.65	541.31	271.16	5
9	959.43	480.22	942.41	471.71	941.42	471.21	E	**446.24**	223.62	429.21	215.11	**428.23**	214.62	4
10	1030.47	515.74	1013.44	507.22	1012.46	506.73	A	**317.19**	159.10	300.17	150.59			3
11	1101.51	551.26	1084.48	542.74	1083.50	542.25	A	246.16	123.58	229.13	115.07			2
12							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID878 **SEIEYYAMLAK**



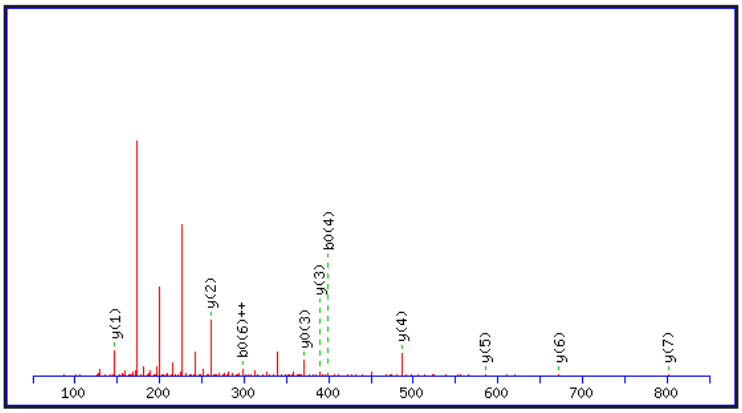
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.04	44.52	70.03	35.52	S							11
2	**217.08**	109.04	199.07	100.04	E	1182.60	591.81	1165.58	583.29	1164.59	582.80	10
3	**330.17**	165.59	312.16	156.58	I	1053.56	527.28	1036.54	518.77	1035.55	518.28	9
4	459.21	230.11	441.20	221.10	E	940.48	470.74	923.45	462.23	922.47	461.74	8
5	622.27	311.64	604.26	302.63	Y	**811.43**	406.22	794.41	397.71			7
6	785.34	393.17	767.32	384.17	Y	648.37	324.69	631.35	316.18			6
7	856.37	428.69	838.36	419.68	A	**485.31**	**243.16**	468.28	234.64			5
8	939.41	470.21	921.40	461.20	M	414.27	207.64	397.24	199.13			4
9	1052.49	526.75	1034.48	517.75	L	331.23	166.12	314.21	157.61			3
10	1123.53	562.27	1105.52	553.26	A	218.15	109.58	201.12	101.07			2
11					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID886 **QLPSGLLLVTGPFK**



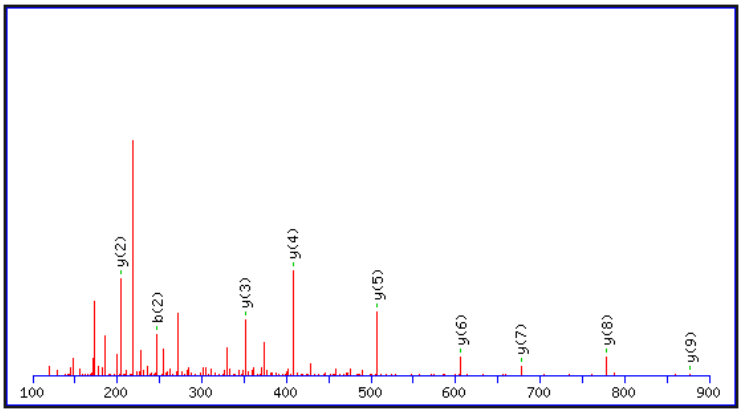
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	129.07	65.04	112.04	56.52			Q							14
2	**242.15**	121.58	225.12	113.07			L	1341.81	671.41	1324.79	662.90	1323.80	662.41	13
3	339.20	170.10	322.18	161.59			P	**1228.73**	614.87	1211.70	606.36	1210.72	605.86	12
4	426.23	213.62	409.21	205.11	408.22	204.62	S	**1131.68**	566.34	1114.65	557.83	1113.67	557.34	11
5	483.26	**242.13**	466.23	233.62	465.25	233.13	G	**1044.65**	522.83	1027.62	514.31	1026.63	513.82	10
6	596.34	298.67	579.31	290.16	578.33	289.67	L	**987.62**	494.32	970.60	485.80	969.61	485.31	9
7	709.42	**355.22**	692.40	346.70	691.41	346.21	L	**874.54**	437.77	857.51	429.26	856.53	428.77	8
8	822.51	411.76	805.48	403.24	804.50	402.75	L	**761.46**	381.23	744.43	372.72	743.45	372.23	7
9	921.58	461.29	904.55	452.78	903.57	452.29	V	**648.37**	324.69	631.34	316.18	630.36	315.68	6
10	1022.62	511.82	1005.60	503.30	1004.61	502.81	T	**549.30**	275.16	532.28	266.64	531.29	266.15	5
11	1079.65	540.33	1062.62	531.81	1061.64	531.32	G	**448.26**	224.63	431.23	216.12			4
12	1176.70	588.85	1159.67	580.34	1158.69	579.85	P	391.23	**196.12**	374.21	187.61			3
13	1323.77	662.39	1306.74	653.87	1305.76	653.38	F	294.18	147.59	277.15	139.08			2
14							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID887 **SIESVPELK**



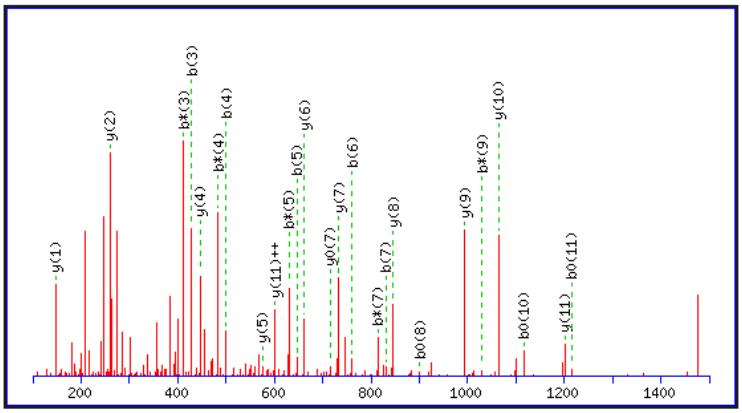
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.04	44.52	70.03	35.52	S							9
2	201.12	101.07	183.11	92.06	I	914.52	457.76	897.49	449.25	896.51	448.76	8
3	330.17	165.59	312.16	156.58	E	**801.44**	401.22	784.41	392.71	783.42	392.22	7
4	417.20	209.10	**399.19**	200.10	S	**672.39**	336.70	655.37	328.19	654.38	327.69	6
5	516.27	258.64	498.26	249.63	V	**585.36**	293.18	568.33	284.67	567.35	284.18	5
6	613.32	307.16	595.31	**298.16**	P	**486.29**	243.65	469.27	235.14	468.28	234.64	4
7	742.36	371.68	724.35	362.68	E	**389.24**	195.12	372.21	186.61	**371.23**	186.12	3
8	855.45	428.23	837.44	419.22	L	**260.20**	130.60	243.17	122.09			2
9					K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID892 **FVTAVVGFGK**



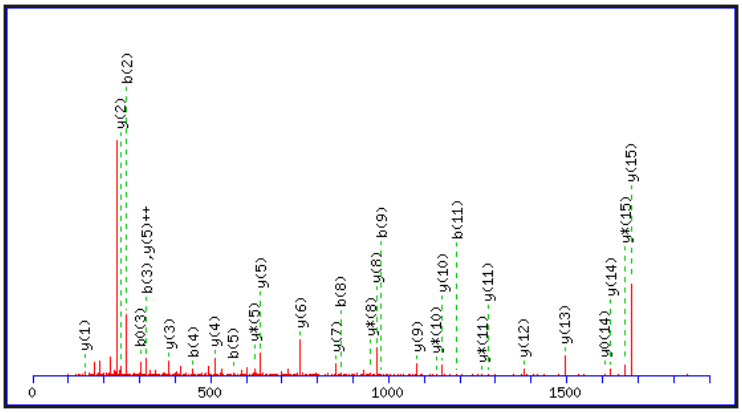
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	148.08	74.54			F							10
2	**247.14**	124.08			V	**877.51**	439.26	860.49	430.75	859.50	430.26	9
3	348.19	174.60	330.18	165.59	T	**778.45**	389.73	761.42	381.21	760.44	380.72	8
4	419.23	210.12	401.22	201.11	A	**677.40**	339.20	660.37	330.69			7
5	518.30	259.65	500.29	250.65	V	**606.36**	303.68	589.33	295.17			6
6	617.37	309.19	599.36	300.18	V	**507.29**	254.15	490.27	245.64			5
7	674.39	337.70	656.38	328.69	G	**408.22**	204.62	391.20	196.10			4
8	821.46	411.23	803.45	402.23	F	**351.20**	176.10	334.18	167.59			3
9	878.48	439.74	860.47	430.74	G	**204.13**	102.57	187.11	94.06			2
10					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID894 **QYHAFLASESVIK**



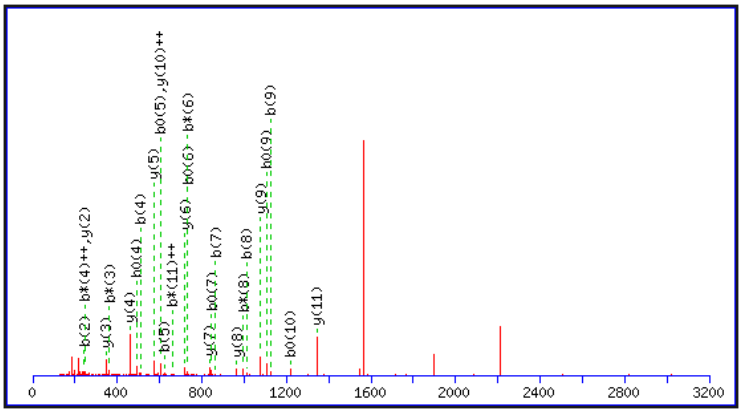
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	129.07	65.04	112.04	56.52			Q							13
2	292.13	146.57	275.10	138.05			Y	1364.72	682.86	1347.69	674.35	1346.71	673.86	12
3	**429.19**	215.10	**412.16**	206.58			H	**1201.66**	**601.33**	1184.63	592.82	1183.65	592.33	11
4	**500.23**	250.62	**483.20**	242.10			A	**1064.60**	532.80	1047.57	524.29	1046.59	523.80	10
5	**647.29**	324.15	**630.27**	315.64			F	**993.56**	497.28	976.53	488.77	975.55	488.28	9
6	**760.38**	380.69	743.35	372.18			L	**846.49**	423.75	829.47	415.24	828.48	414.74	8
7	**831.41**	416.21	**814.39**	407.70			A	**733.41**	367.21	716.38	358.69	**715.40**	358.20	7
8	918.45	459.73	901.42	451.21	**900.44**	450.72	S	**662.37**	331.69	645.35	323.18	644.36	322.68	6
9	1047.49	524.25	**1030.46**	515.74	1029.48	515.24	E	**575.34**	288.17	558.31	279.66	557.33	279.17	5
10	1134.52	567.76	1117.49	559.25	**1116.51**	558.76	S	**446.30**	223.65	429.27	215.14	428.29	214.65	4
11	1233.59	617.30	1216.56	608.79	**1215.58**	608.29	V	359.27	180.14	342.24	171.62			3
12	1346.67	673.84	1329.65	665.33	1328.66	664.84	I	**260.20**	130.60	243.17	122.09			2
13							K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID896 **DFGEDTEALNVIQQHVK**



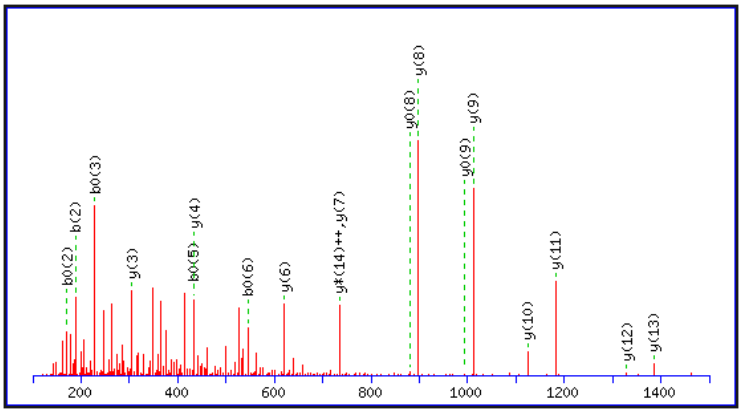
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	116.03	58.52			98.02	49.52	D							17
2	**263.10**	132.05			245.09	123.05	F	1827.92	914.47	1810.90	905.95	1809.91	905.46	16
3	**320.12**	160.57			**302.11**	151.56	G	**1680.86**	840.93	**1663.83**	832.42	1662.84	831.93	15
4	**449.17**	225.09			431.16	216.08	E	**1623.83**	812.42	1606.81	803.91	**1605.82**	803.42	14
5	**564.19**	282.60			546.18	273.60	D	**1494.79**	747.90	1477.76	739.39	1476.78	738.89	13
6	665.24	333.12			647.23	324.12	T	**1379.76**	690.39	1362.74	681.87	1361.75	681.38	12
7	794.28	397.65			776.27	388.64	E	**1278.72**	639.86	**1261.69**	631.35	1260.71	630.86	11
8	**865.32**	433.16			847.31	424.16	A	**1149.67**	575.34	**1132.65**	566.83			10
9	**978.41**	489.71			960.39	480.70	L	**1078.64**	539.82	1061.61	531.31			9
10	1092.45	546.73	1075.42	538.21	1074.44	537.72	N	**965.55**	483.28	**948.53**	474.77			8
11	**1191.52**	596.26	1174.49	587.75	1173.51	587.26	V	**851.51**	426.26	834.48	417.75			7
12	1304.60	652.80	1287.57	644.29	1286.59	643.80	I	**752.44**	376.72	735.41	368.21			6
13	1432.66	716.83	1415.63	708.32	1414.65	707.83	Q	**639.36**	**320.18**	**622.33**	311.67			5
14	1560.72	780.86	1543.69	772.35	1542.71	771.86	Q	**511.30**	256.15	494.27	247.64			4
15	1697.78	849.39	1680.75	840.88	1679.77	840.39	H	**383.24**	192.12	366.21	183.61			3
16	1796.84	898.93	1779.82	890.41	1778.83	889.92	V	**246.18**	123.59	229.15	115.08			2
17							K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID904 **QIHEIKDFLLTAR**



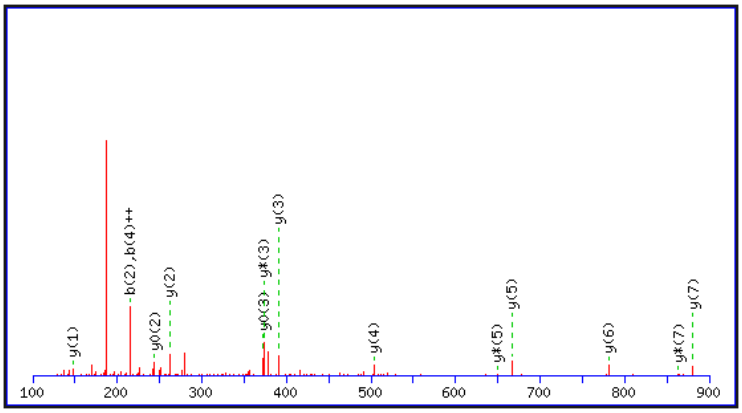
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	129.07	65.04	112.04	56.52			Q							13
2	**242.15**	121.58	225.12	113.07			I	1455.83	728.42	1438.81	719.91	1437.82	719.41	12
3	379.21	190.11	**362.18**	181.59			H	**1342.75**	671.88	1325.72	663.36	1324.74	662.87	11
4	**508.25**	254.63	491.22	**246.12**	**490.24**	245.62	E	1205.69	**603.35**	1188.66	594.83	1187.68	594.34	10
5	**621.34**	311.17	604.31	302.66	**603.32**	302.17	I	**1076.65**	538.83	1059.62	530.31	1058.64	529.82	9
6	749.43	375.22	**732.40**	366.71	**731.42**	366.21	K	**963.56**	482.28	946.54	473.77	945.55	473.28	8
7	**864.46**	432.73	847.43	424.22	**846.45**	423.73	D	**835.47**	418.24	818.44	409.72	817.46	409.23	7
8	**1011.53**	506.27	**994.50**	497.75	993.52	497.26	F	**720.44**	360.72	703.41	352.21	702.43	351.72	6
9	**1124.61**	562.81	1107.58	554.30	**1106.60**	553.80	L	**573.37**	287.19	556.35	278.68	555.36	278.18	5
10	1237.69	619.35	1220.67	610.84	**1219.68**	610.35	L	**460.29**	230.65	443.26	222.13	442.28	221.64	4
11	1338.74	669.87	1321.72	**661.36**	1320.73	660.87	T	**347.20**	174.11	330.18	165.59	329.19	165.10	3
12	1409.78	705.39	1392.75	696.88	1391.77	696.39	A	**246.16**	123.58	229.13	115.07			2
13							R	175.12	88.06	158.09	79.55			1

MS/MS Fragmentation of ID910 **STGFGLIYDSVESAK**



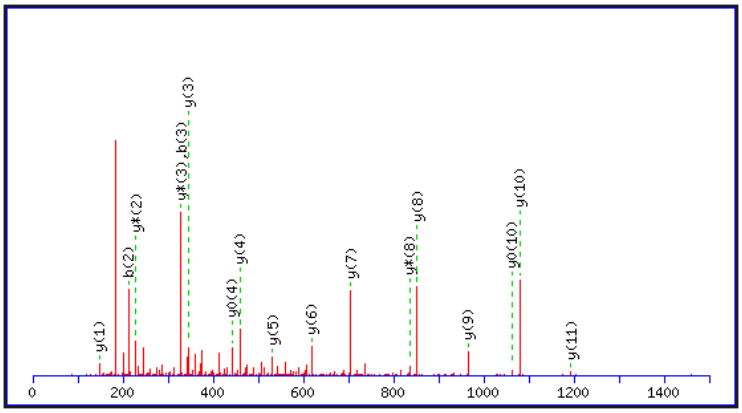
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.04	44.52	70.03	35.52	S							15
2	**189.09**	95.05	**171.08**	86.04	T	1486.74	743.87	1469.72	**735.36**	1468.73	734.87	14
3	246.11	123.56	**228.10**	114.55	G	**1385.69**	693.35	1368.67	684.84	1367.68	684.35	13
4	393.18	197.09	375.17	188.09	F	**1328.67**	664.84	1311.65	656.33	1310.66	655.83	12
5	450.20	225.60	**432.19**	216.60	G	**1181.60**	591.31	1164.58	582.79	1163.59	582.30	11
6	563.28	282.14	**545.27**	273.14	L	**1124.58**	562.80	1107.56	554.28	1106.57	553.79	10
7	676.37	338.69	658.36	329.68	I	**1011.50**	506.25	994.47	497.74	**993.49**	497.25	9
8	839.43	420.22	821.42	411.21	Y	**898.42**	449.71	881.39	441.20	**880.40**	440.71	8
9	954.46	477.73	936.45	468.73	D	**735.35**	368.18	718.33	359.67	717.34	359.17	7
10	1041.49	521.25	1023.48	512.24	S	**620.32**	310.67	603.30	302.15	602.31	301.66	6
11	1140.56	570.78	1122.55	561.78	V	533.29	267.15	516.27	258.64	515.28	258.14	5
12	1269.60	635.30	1251.59	626.30	E	**434.22**	217.62	417.20	209.10	416.21	208.61	4
13	1356.63	678.82	1338.62	669.81	S	**305.18**	153.09	288.16	144.58	287.17	144.09	3
14	1427.67	714.34	1409.66	705.33	A	218.15	109.58	201.12	101.07			2
15					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID926 **TLVDYLQDK**



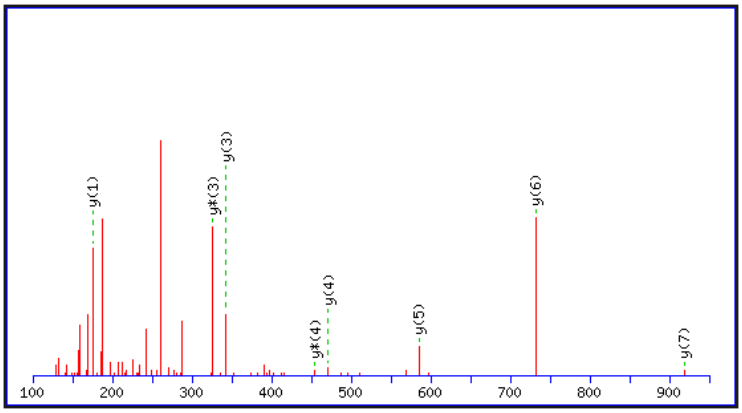
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	102.05	51.53			84.04	42.53	T							9
2	**215.14**	108.07			197.13	99.07	L	993.53	497.27	976.50	488.75	975.51	488.26	8
3	314.21	157.61			296.20	148.60	V	**880.44**	440.72	**863.41**	432.21	862.43	431.72	7
4	429.23	**215.12**			411.22	206.12	D	**781.37**	391.19	764.35	382.68	763.36	382.18	6
5	592.30	296.65			574.29	287.65	Y	**666.35**	333.68	**649.32**	325.16	648.34	324.67	5
6	705.38	353.19			687.37	344.19	L	**503.28**	252.14	486.26	243.63	485.27	243.14	4
7	833.44	417.22	816.41	408.71	815.43	408.22	Q	**390.20**	195.60	**373.17**	187.09	**372.19**	186.60	3
8	948.47	474.74	931.44	466.22	930.46	465.73	D	**262.14**	131.57	245.11	123.06	**244.13**	122.57	2
9							K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID929 **VIDLFSSADVVK**



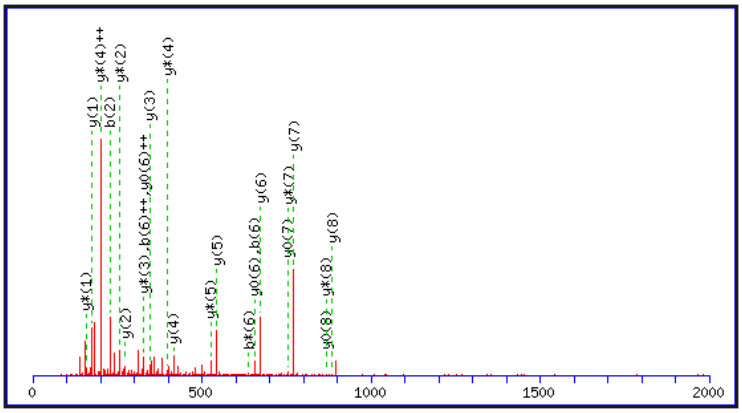
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	100.08	50.54			V							12
2	**213.16**	107.08			I	**1193.64**	597.32	1176.61	588.81	1175.63	588.32	11
3	**328.19**	164.60	310.18	155.59	D	**1080.56**	540.78	1063.53	532.27	**1062.55**	531.78	10
4	441.27	221.14	423.26	212.13	L	**965.53**	483.27	948.50	474.76	947.52	474.26	9
5	588.34	294.67	570.33	285.67	F	**852.45**	426.73	**835.42**	418.21	834.44	417.72	8
6	675.37	338.19	657.36	329.18	S	**705.38**	353.19	688.35	344.68	687.37	344.19	7
7	762.40	381.71	744.39	372.70	S	**618.35**	309.68	601.32	301.16	600.34	300.67	6
8	833.44	417.22	815.43	408.22	A	**531.31**	266.16	514.29	257.65	513.30	257.16	5
9	948.47	474.74	930.46	465.73	D	**460.28**	230.64	443.25	222.13	**442.27**	221.64	4
10	1047.54	524.27	1029.53	515.27	V	**345.25**	173.13	**328.22**	164.62			3
11	1146.60	573.81	1128.59	564.80	V	246.18	123.59	**229.15**	115.08			2
12					K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID931 **TWFNQPAR**



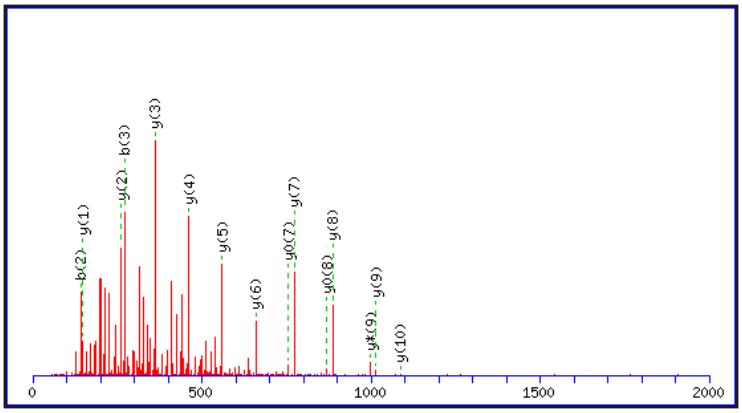
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	#
1	102.05	51.53			84.04	42.53	T					8
2	288.13	144.57			270.12	135.57	W	**918.46**	459.73	901.43	451.22	7
3	435.20	218.10			417.19	209.10	F	**732.38**	366.69	715.35	358.18	6
4	549.25	275.13	532.22	266.61	531.24	266.12	N	**585.31**	293.16	568.28	284.65	5
5	677.30	339.16	660.28	330.64	659.29	330.15	Q	**471.27**	236.14	**454.24**	227.62	4
6	774.36	387.68	757.33	379.17	756.35	378.68	P	**343.21**	172.11	**326.18**	163.59	3
7	845.39	423.20	828.37	414.69	827.38	414.20	A	246.16	123.58	229.13	115.07	2
8							R	**175.12**	88.06	158.09	79.55	1

MS/MS Fragmentation of ID938 **NIVEQAAVR**



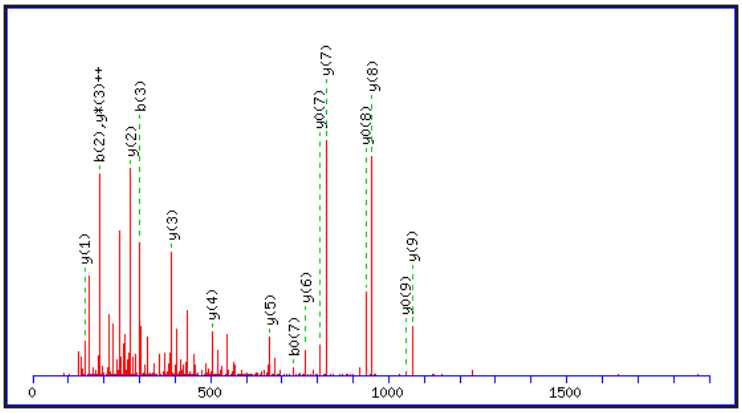
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	115.05	58.03	98.02	49.52			N							9
2	**228.13**	114.57	211.11	106.06			I	**885.52**	443.26	**868.49**	434.75	**867.50**	434.26	8
3	327.20	164.10	310.18	155.59			V	**772.43**	386.72	**755.40**	378.21	**754.42**	377.71	7
4	456.25	228.63	439.22	220.11	438.23	219.62	E	**673.36**	337.19	656.34	328.67	**655.35**	**328.18**	6
5	584.30	292.66	567.28	284.14	566.29	283.65	Q	**544.32**	272.66	**527.29**	264.15			5
6	**655.34**	**328.17**	**638.31**	319.66	637.33	319.17	A	**416.26**	208.63	**399.24**	**200.12**			4
7	726.38	363.69	709.35	355.18	708.37	354.69	A	**345.22**	173.12	**328.20**	164.60			3
8	825.45	413.23	808.42	404.71	807.44	404.22	V	**274.19**	137.60	**257.16**	129.08			2
9							R	**175.12**	88.06	**158.09**	79.55			1

MS/MS Fragmentation of ID945 **AAQLDVVVTNK**



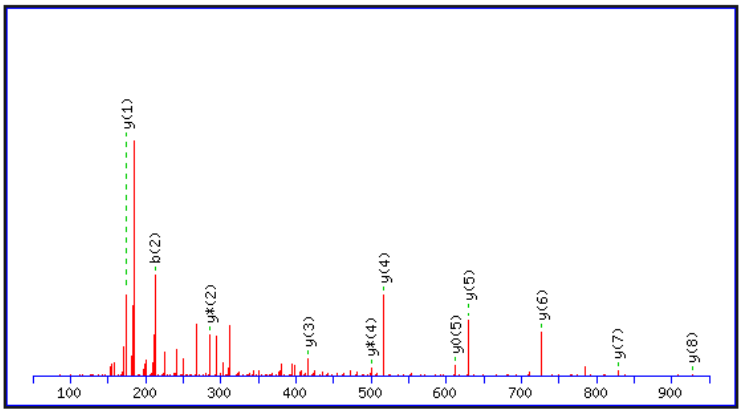
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53					**A**							**11**
2	**143.08**	72.04					**A**	**1086.62**	543.81	1069.59	535.30	1068.60	534.81	**10**
3	**271.14**	136.07	254.11	127.56			**Q**	**1015.58**	508.29	**998.55**	499.78	997.57	499.29	**9**
4	384.22	192.62	367.20	184.10			**L**	**887.52**	444.26	870.49	435.75	**869.51**	435.26	**8**
5	499.25	250.13	482.22	241.62	481.24	241.12	**D**	**774.44**	387.72	757.41	379.21	**756.43**	378.72	**7**
6	598.32	299.66	581.29	291.15	580.31	290.66	**V**	**659.41**	330.21	642.38	321.69	641.40	321.20	**6**
7	697.39	349.20	680.36	340.68	679.38	340.19	**V**	**560.34**	280.67	543.31	272.16	542.33	271.67	**5**
8	796.46	398.73	779.43	390.22	778.45	389.73	**V**	**461.27**	231.14	444.25	222.63	443.26	222.13	**4**
9	897.50	449.26	880.48	440.74	879.49	440.25	**T**	**362.20**	181.61	345.18	173.09	344.19	172.60	**3**
10	1011.55	506.28	994.52	497.76	993.54	497.27	**N**	**261.16**	131.08	244.13	122.57			**2**
11							**K**	**147.11**	74.06	130.09	65.55			**1**

MS/MS Fragmentation of ID950 **DAIEGTYIDKK**



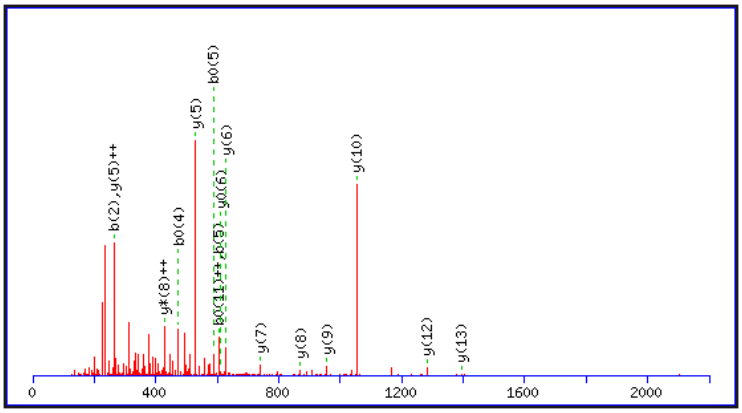
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	116.03	58.52			98.02	49.52	D							11
2	**187.07**	94.04			169.06	85.03	A	1137.61	569.31	1120.59	560.80	1119.60	560.31	10
3	**300.16**	150.58			282.14	141.58	I	**1066.58**	533.79	1049.55	525.28	**1048.57**	524.79	9
4	429.20	215.10			411.19	206.10	E	**953.49**	477.25	936.47	468.74	**935.48**	468.25	8
5	486.22	243.61			468.21	234.61	G	**824.45**	412.73	807.42	404.22	**806.44**	403.72	7
6	587.27	294.14			569.26	285.13	T	**767.43**	384.22	750.40	375.71	749.42	375.21	6
7	750.33	375.67			**732.32**	366.66	Y	**666.38**	333.69	649.36	325.18	648.37	324.69	5
8	863.41	432.21			845.40	423.21	I	**503.32**	252.16	486.29	243.65	485.31	243.16	4
9	978.44	489.72			960.43	480.72	D	**390.23**	195.62	373.21	**187.11**	372.22	186.62	3
10	1106.54	553.77	1089.51	545.26	1088.53	544.77	K	**275.21**	138.11	258.18	129.59			2
11							K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID960 **LVTPLTLQR**



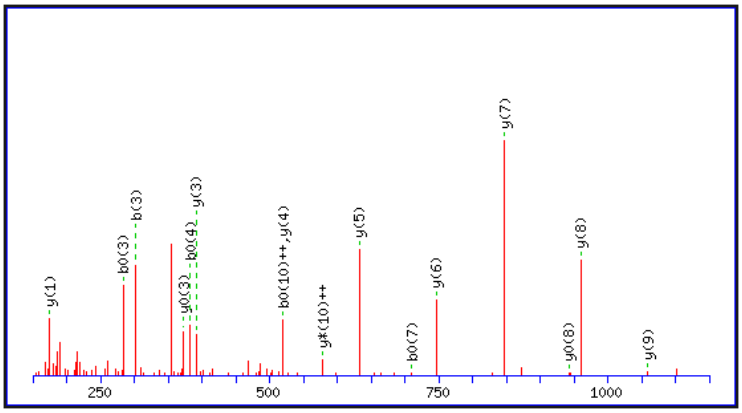
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					L							9
2	**213.16**	107.08					V	**927.56**	464.28	910.54	455.77	909.55	455.28	8
3	314.21	157.61			296.20	148.60	T	**828.49**	414.75	811.47	406.24	810.48	405.75	7
4	411.26	206.13			393.25	197.13	P	**727.45**	364.23	710.42	355.71	709.44	355.22	6
5	524.34	262.68			506.33	253.67	L	**630.39**	315.70	613.37	307.19	**612.38**	306.70	5
6	625.39	313.20			607.38	304.19	T	**517.31**	259.16	**500.28**	250.64	499.30	250.15	4
7	738.48	369.74			720.47	360.74	L	**416.26**	208.63	399.24	200.12			3
8	866.53	433.77	849.51	425.26	848.52	424.77	Q	303.18	152.09	**286.15**	143.58			2
9							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID972 **TYLNLPSEIVPATLK**



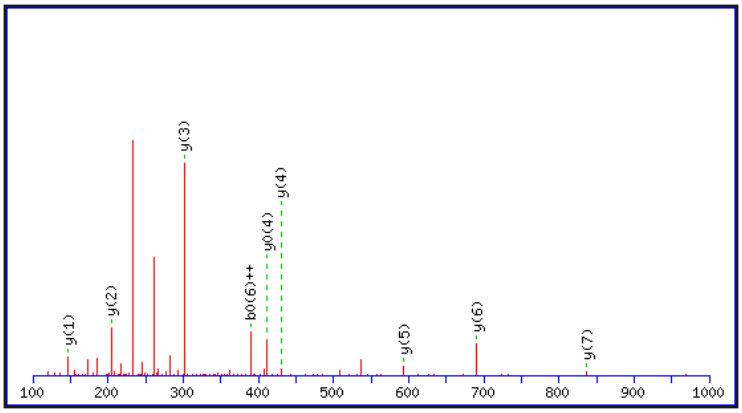
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	102.05	51.53			84.04	42.53	T							15
2	**265.12**	133.06			247.11	124.06	Y	1557.89	779.45	1540.86	770.93	1539.88	770.44	14
3	378.20	189.60			360.19	180.60	L	**1394.83**	697.92	1377.80	689.40	1376.81	688.91	13
4	492.25	246.63	475.22	238.11	**474.23**	237.62	N	**1281.74**	641.37	1264.71	632.86	1263.73	632.37	12
5	**605.33**	303.17	588.30	294.66	**587.32**	294.16	L	1167.70	584.35	1150.67	575.84	1149.69	575.35	11
6	702.38	351.69	685.36	343.18	684.37	342.69	P	**1054.61**	527.81	1037.59	519.30	1036.60	518.81	10
7	789.41	395.21	772.39	386.70	771.40	386.21	S	**957.56**	479.28	940.53	470.77	939.55	470.28	9
8	918.46	459.73	901.43	451.22	900.45	450.73	E	**870.53**	435.77	853.50	**427.26**	852.52	426.76	8
9	1031.54	516.27	1014.51	507.76	1013.53	507.27	I	**741.49**	371.25	724.46	362.73	723.48	362.24	7
10	1130.61	565.81	1113.58	557.29	1112.60	556.80	V	**628.40**	314.71	611.38	306.19	**610.39**	305.70	6
11	1227.66	614.33	1210.64	605.82	1209.65	**605.33**	P	**529.33**	**265.17**	512.31	256.66	511.32	256.17	5
12	1298.70	649.85	1281.67	641.34	1280.69	640.85	A	432.28	216.64	415.26	208.13	414.27	207.64	4
13	1399.75	700.38	1382.72	691.86	1381.74	691.37	T	361.24	181.13	344.22	172.61	343.23	172.12	3
14	1512.83	756.92	1495.80	748.41	1494.82	747.91	L	260.20	130.60	243.17	122.09			2
15							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID978 **EGDVLTLLESER**



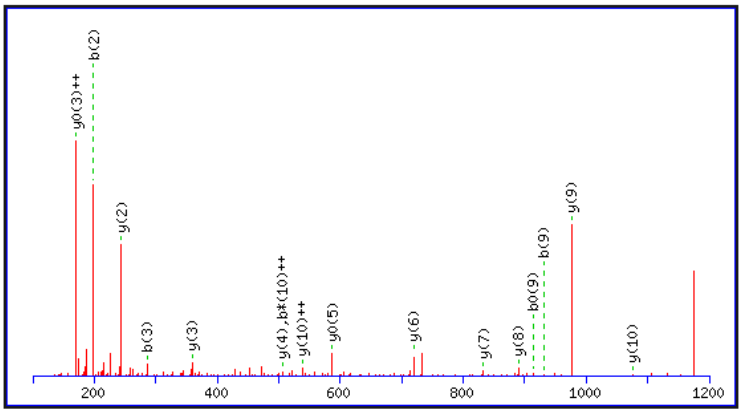
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	130.05	65.53	112.04	56.52	E							12
2	187.07	94.04	169.06	85.03	G	1231.65	616.33	1214.63	607.82	1213.64	607.32	11
3	**302.10**	151.55	**284.09**	142.55	D	1174.63	587.82	1157.60	**579.31**	1156.62	578.81	10
4	401.17	201.09	**383.16**	192.08	V	**1059.60**	530.31	1042.58	521.79	1041.59	521.30	9
5	514.25	257.63	496.24	248.62	L	**960.54**	480.77	943.51	472.26	**942.53**	471.77	8
6	615.30	308.15	597.29	299.15	T	**847.45**	424.23	830.43	415.72	829.44	415.22	7
7	728.38	364.69	**710.37**	355.69	L	**746.40**	373.71	729.38	365.19	728.39	364.70	6
8	841.47	421.24	823.46	412.23	L	**633.32**	317.16	616.29	308.65	615.31	308.16	5
9	970.51	485.76	952.50	476.75	E	**520.24**	260.62	503.21	252.11	502.23	251.62	4
10	1057.54	529.27	1039.53	**520.27**	S	**391.19**	196.10	374.17	187.59	**373.18**	187.10	3
11	1186.58	593.80	1168.57	584.79	E	304.16	152.58	287.13	144.07	286.15	143.58	2
12					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID981 **LFFPYEPGK**



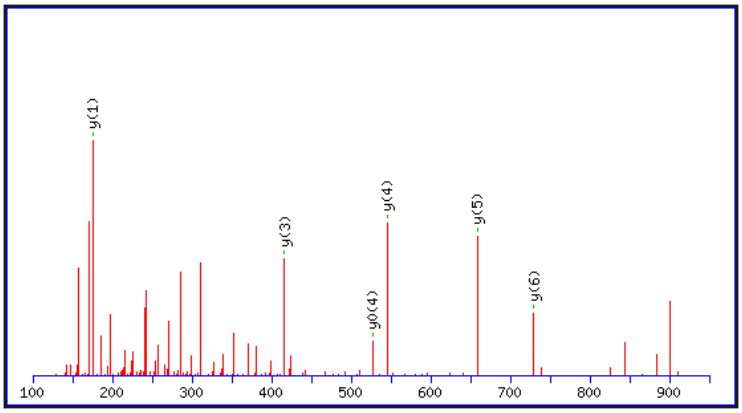
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			L							9
2	261.16	131.08			F	984.48	492.74	967.46	484.23	966.47	483.74	8
3	408.23	204.62			F	**837.41**	419.21	820.39	410.70	819.40	410.21	7
4	505.28	253.14			P	**690.35**	345.68	673.32	337.16	672.34	336.67	6
5	668.34	334.68			Y	**593.29**	297.15	576.27	288.64	575.28	288.14	5
6	797.39	399.20	779.38	**390.19**	E	**430.23**	215.62	413.20	207.11	**412.22**	206.61	4
7	894.44	447.72	876.43	438.72	P	**301.19**	151.10	284.16	142.58			3
8	951.46	476.23	933.45	467.23	G	**204.13**	102.57	187.11	94.06			2
9					K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID986 **VVSGINVFDPK**



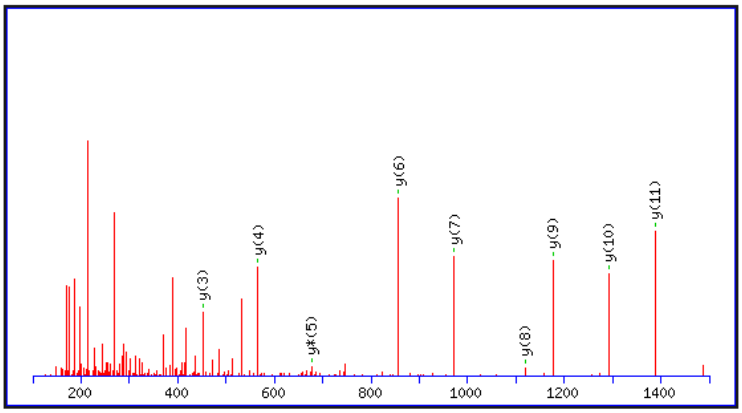
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	100.08	50.54					V							11
2	**199.14**	100.08					V	**1075.58**	**538.29**	1058.55	529.78	1057.57	529.29	10
3	**286.18**	143.59			268.17	134.59	S	**976.51**	488.76	959.48	480.25	958.50	479.75	9
4	343.20	172.10			325.19	163.10	G	**889.48**	445.24	872.45	436.73	871.47	436.24	8
5	456.28	228.64			438.27	219.64	I	**832.46**	416.73	815.43	408.22	814.45	407.73	7
6	570.32	285.67	553.30	277.15	552.31	276.66	N	**719.37**	360.19	702.35	351.68	701.36	351.18	6
7	669.39	335.20	652.37	326.69	651.38	326.19	V	605.33	303.17	588.30	294.66	**587.32**	294.16	5
8	816.46	408.73	799.43	400.22	798.45	399.73	F	**506.26**	253.63	489.23	245.12	488.25	244.63	4
9	**931.49**	466.25	914.46	457.73	**913.48**	457.24	D	**359.19**	180.10	342.17	171.59	341.18	**171.09**	3
10	1028.54	514.77	1011.51	**506.26**	1010.53	505.77	P	**244.17**	122.59	227.14	114.07			2
11							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID987 **LEALEKLR**



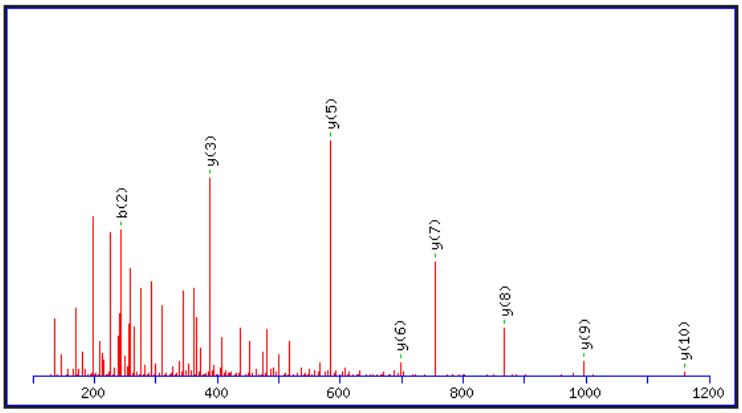
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	156.10	78.55					L							8
2	285.14	143.08			267.13	134.07	E	858.50	429.76	841.48	421.24	840.49	420.75	7
3	356.18	178.59			338.17	169.59	A	**729.46**	365.23	712.44	356.72	711.45	356.23	6
4	469.27	235.14			451.26	226.13	L	**658.42**	329.72	641.40	321.20	640.41	320.71	5
5	598.31	299.66			580.30	290.65	E	**545.34**	273.17	528.31	264.66	**527.33**	264.17	4
6	726.40	363.71	709.38	355.19	708.39	354.70	K	**416.30**	208.65	399.27	200.14			3
7	839.49	420.25	822.46	411.73	821.48	411.24	L	288.20	144.61	271.18	136.09			2
8							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID988 **VPDGFDYELYNR**



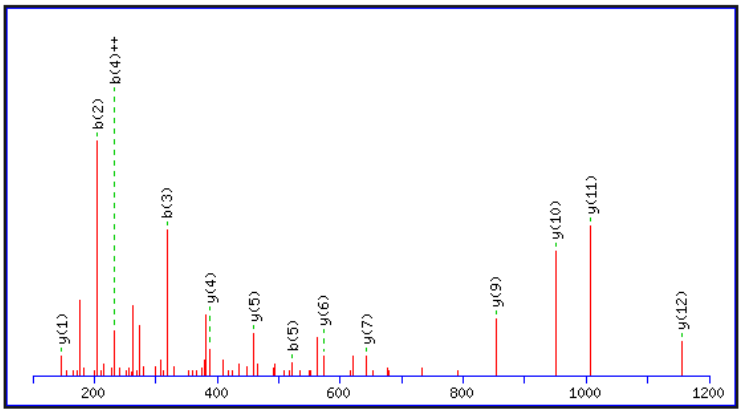
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	100.08	50.54					V							12
2	197.13	99.07					P	**1388.61**	694.81	1371.59	686.30	1370.60	685.80	11
3	312.16	156.58			294.14	147.58	D	**1291.56**	646.28	1274.53	637.77	1273.55	637.28	10
4	369.18	185.09			351.17	176.09	G	**1176.53**	588.77	1159.51	580.26	1158.52	579.76	9
5	516.25	258.63			498.23	249.62	F	**1119.51**	560.26	1102.48	551.75	1101.50	551.25	8
6	631.27	316.14			613.26	307.13	D	**972.44**	486.72	955.42	478.21	954.43	477.72	7
7	794.34	397.67			776.32	388.67	Y	**857.42**	429.21	840.39	420.70	839.40	420.21	6
8	923.38	462.19			905.37	453.19	E	694.35	347.68	**677.33**	339.17	676.34	338.67	5
9	1036.46	518.73			1018.45	509.73	L	**565.31**	283.16	548.28	274.64			4
10	1199.53	600.27			1181.51	591.26	Y	**452.23**	226.62	435.20	218.10			3
11	1313.57	657.29	1296.54	648.77	1295.56	648.28	N	289.16	145.08	272.14	136.57			2
12							R	175.12	88.06	158.09	79.55			1

MS/MS Fragmentation of ID991 **ENYELGLPVIQK**



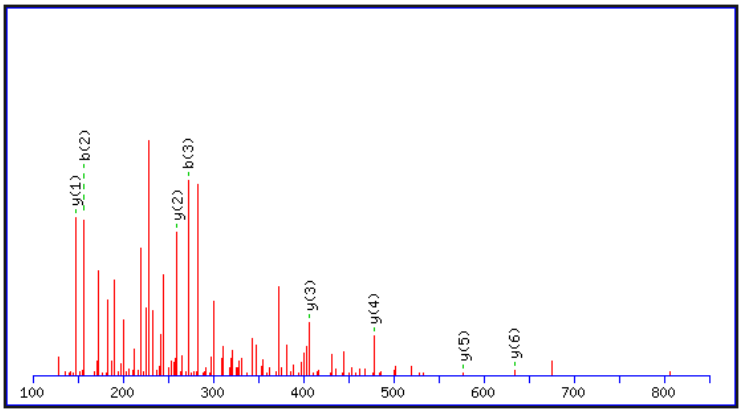
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	130.05	65.53			112.04	56.52	E							12
2	**244.09**	122.55	227.07	114.04	226.08	113.54	N	1273.72	637.36	1256.69	628.85	1255.70	628.36	11
3	407.16	204.08	390.13	195.57	389.15	195.08	Y	**1159.67**	580.34	1142.65	571.83	1141.66	571.33	10
4	536.20	268.60	519.17	260.09	518.19	259.60	E	**996.61**	498.81	979.58	490.29	978.60	489.80	9
5	649.28	325.15	632.26	316.63	631.27	316.14	L	**867.57**	434.29	850.54	425.77			8
6	706.30	353.66	689.28	345.14	688.29	344.65	G	**754.48**	377.74	737.46	369.23			7
7	819.39	410.20	802.36	401.68	801.38	401.19	L	**697.46**	349.23	680.43	340.72			6
8	916.44	458.72	899.41	450.21	898.43	449.72	P	**584.38**	292.69	567.35	284.18			5
9	1015.51	508.26	998.48	499.75	997.50	499.25	V	487.32	244.17	470.30	235.65			4
10	1128.59	564.80	1111.57	556.29	1110.58	555.80	I	**388.26**	194.63	371.23	186.12			3
11	1256.65	628.83	1239.63	620.32	1238.64	619.82	Q	275.17	138.09	258.14	129.58			2
12							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID996 **GFIFGPPIALAIGAK**



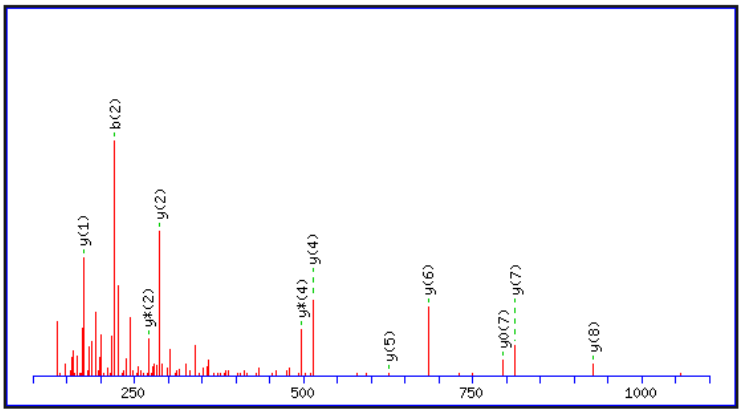
#	b	b^{++}	Seq.	y	y^{++}	y*	y^{*++}	#
1	58.03	29.52	G					15
2	**205.10**	103.05	F	1414.85	707.93	1397.82	699.41	14
3	**318.18**	159.59	I	1267.78	634.39	1250.75	625.88	13
4	465.25	**233.13**	F	**1154.69**	577.85	1137.67	569.34	12
5	**522.27**	261.64	G	**1007.62**	504.32	990.60	495.80	11
6	619.32	310.17	P	**950.60**	475.81	933.58	467.29	10
7	716.38	358.69	P	**853.55**	427.28	836.52	418.77	9
8	829.46	415.23	I	756.50	378.75	739.47	370.24	8
9	900.50	450.75	A	**643.41**	322.21	626.39	313.70	7
10	1013.58	507.29	L	**572.38**	286.69	555.35	278.18	6
11	1084.62	542.81	A	**459.29**	230.15	442.27	221.64	5
12	1197.70	599.36	I	**388.26**	194.63	371.23	186.12	4
13	1254.72	627.87	G	275.17	138.09	258.14	129.58	3
14	1325.76	663.38	A	218.15	109.58	201.12	101.07	2
15			K	**147.11**	74.06	130.09	65.55	1

MS/MS Fragmentation of ID997 **VGDGVAFLK**



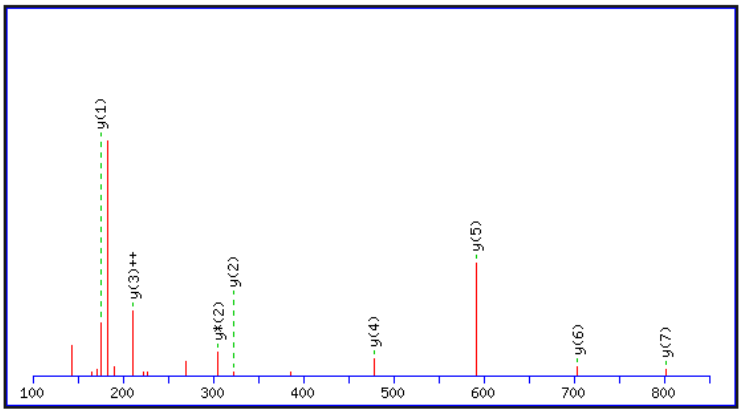
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	100.08	50.54			V							9
2	**157.10**	79.05			G	806.44	403.72	789.41	395.21	788.43	394.72	8
3	**272.12**	136.57	254.11	127.56	D	749.42	375.21	732.39	366.70	731.41	366.21	7
4	329.15	165.08	311.13	156.07	G	**634.39**	317.70	617.37	309.19			6
5	428.21	214.61	410.20	205.61	V	**577.37**	289.19	560.34	280.68			5
6	499.25	250.13	481.24	241.12	A	**478.30**	239.65	461.28	231.14			4
7	646.32	323.66	628.31	314.66	F	**407.27**	204.14	390.24	195.62			3
8	759.40	380.21	741.39	371.20	L	**260.20**	130.60	243.17	122.09			2
9					K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID998 **YGADEGIPELR**



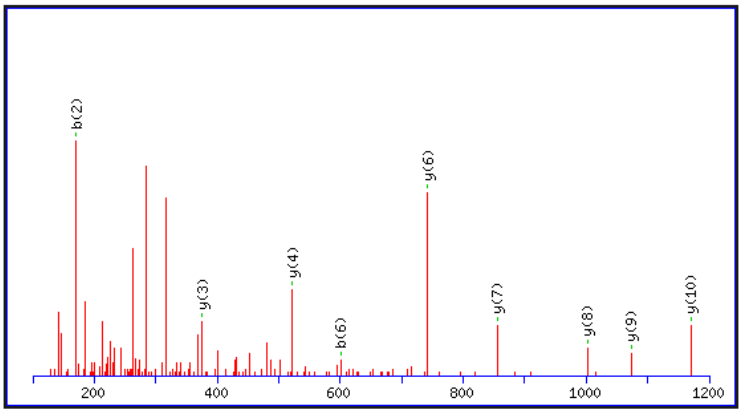
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	164.07	82.54			Y							11
2	**221.09**	111.05			G	1056.53	528.77	1039.51	520.26	1038.52	519.76	10
3	292.13	146.57			A	999.51	500.26	982.48	491.75	981.50	491.25	9
4	407.16	204.08	389.15	195.08	D	**928.47**	464.74	911.45	456.23	910.46	455.74	8
5	536.20	268.60	518.19	259.60	E	**813.45**	407.23	796.42	398.71	**795.44**	398.22	7
6	593.22	297.11	575.21	288.11	G	**684.40**	342.71	667.38	334.19	666.39	333.70	6
7	706.30	353.66	688.29	344.65	I	**627.38**	314.19	610.36	305.68	609.37	305.19	5
8	803.36	402.18	785.35	393.18	P	**514.30**	257.65	**497.27**	249.14	496.29	248.65	4
9	932.40	466.70	914.39	457.70	E	417.25	209.13	400.22	200.61	399.24	200.12	3
10	1045.48	523.25	1027.47	514.24	L	**288.20**	144.61	**271.18**	136.09			2
11					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID999 **GLPILGVFR**



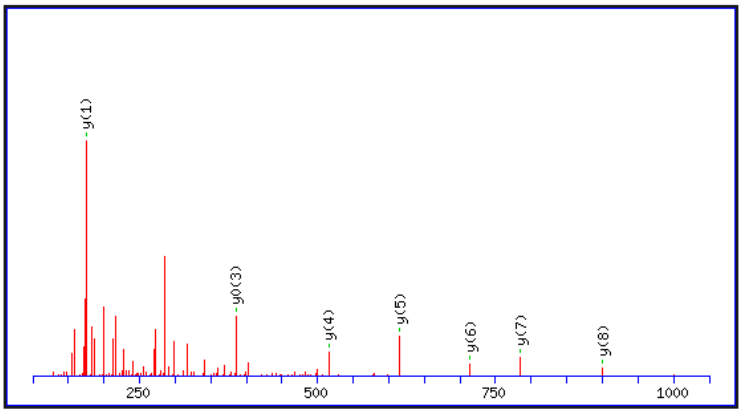
#	b	b^{++}	Seq.	y	y^{++}	y*	y^{*++}	#
1	58.03	29.52	G					9
2	171.11	86.06	L	914.58	457.79	897.56	449.28	8
3	268.17	134.59	P	**801.50**	401.25	784.47	392.74	7
4	381.25	191.13	I	**704.45**	352.73	687.42	344.21	6
5	494.33	247.67	L	**591.36**	296.18	574.33	287.67	5
6	551.36	276.18	G	**478.28**	239.64	461.25	231.13	4
7	650.42	325.72	V	421.26	**211.13**	404.23	202.62	3
8	797.49	399.25	F	**322.19**	161.60	**305.16**	153.08	2
9			R	**175.12**	88.06	158.09	79.55	1

MS/MS Fragmentation of ID1000 **VADPAFLGYFIDK**



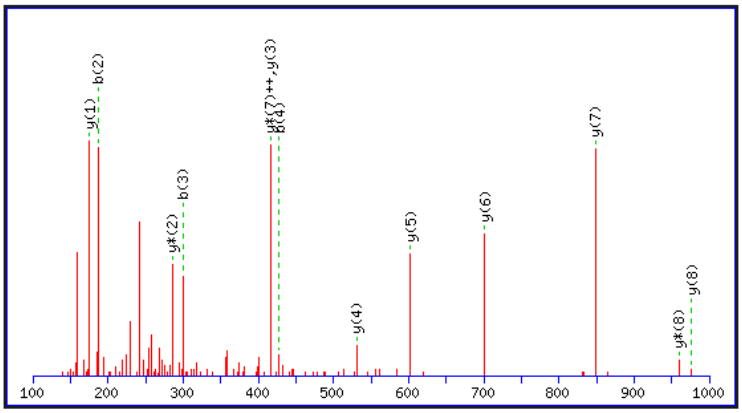
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	100.08	50.54			V							13
2	**171.11**	86.06			A	1356.68	678.85	1339.66	670.33	1338.67	669.84	12
3	286.14	143.57	268.13	134.57	D	1285.65	643.33	1268.62	634.81	1267.64	634.32	11
4	383.19	192.10	365.18	183.09	P	**1170.62**	585.81	1153.59	577.30	1152.61	576.81	10
5	454.23	227.62	436.22	218.61	A	**1073.57**	537.29	1056.54	528.77	1055.56	528.28	9
6	**601.30**	301.15	583.29	292.15	F	**1002.53**	501.77	985.50	493.26	984.52	492.76	8
7	714.38	357.69	696.37	348.69	L	**855.46**	428.23	838.43	419.72	837.45	419.23	7
8	771.40	386.21	753.39	377.20	G	**742.38**	371.69	725.35	363.18	724.37	362.69	6
9	934.47	467.74	916.46	458.73	Y	685.36	343.18	668.33	334.67	667.34	334.18	5
10	1081.54	541.27	1063.52	532.27	F	**522.29**	261.65	505.27	253.14	504.28	252.64	4
11	1194.62	597.81	1176.61	588.81	I	**375.22**	188.12	358.20	179.60	357.21	179.11	3
12	1309.65	655.33	1291.64	646.32	D	262.14	131.57	245.11	123.06	244.13	122.57	2
13					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID1001 **VTDAVVLIDR**



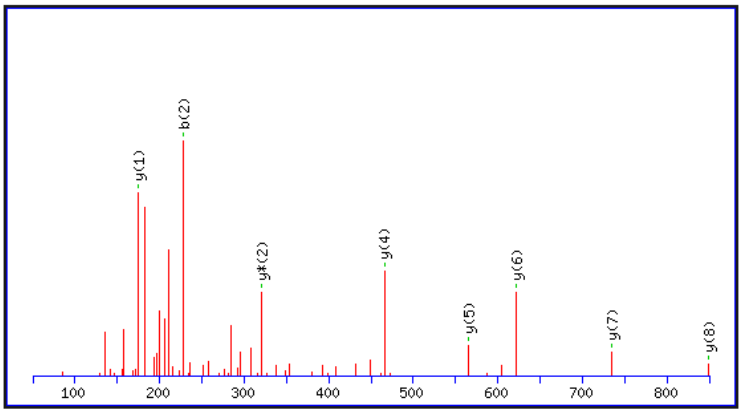
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	100.08	50.54			V							10
2	201.12	101.07	183.11	92.06	T	1001.56	501.28	984.54	492.77	983.55	492.28	9
3	316.15	158.58	298.14	149.57	D	**900.51**	450.76	883.49	442.25	882.50	441.76	8
4	387.19	194.10	369.18	185.09	A	**785.49**	393.25	768.46	384.73	767.48	384.24	7
5	486.26	243.63	468.25	234.63	V	**714.45**	357.73	697.42	349.22	696.44	348.72	6
6	585.32	293.17	567.31	284.16	V	**615.38**	308.19	598.36	299.68	597.37	299.19	5
7	698.41	349.71	680.40	340.70	L	**516.31**	258.66	499.29	250.15	498.30	249.66	4
8	811.49	406.25	793.48	397.24	I	403.23	202.12	386.20	193.61	**385.22**	193.11	3
9	926.52	463.76	908.51	454.76	D	290.15	145.58	273.12	137.06	272.14	136.57	2
10					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID1004 **DALQFVADLQR**



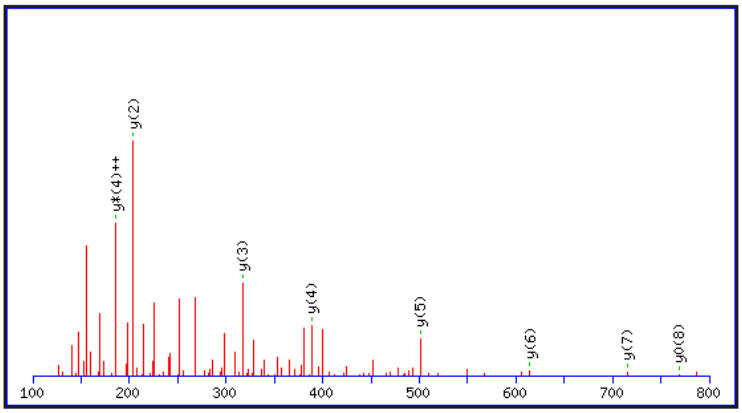
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	116.03	58.52			98.02	49.52	D							11
2	**187.07**	94.04			169.06	85.03	A	1160.64	580.82	1143.62	572.31	1142.63	571.82	10
3	**300.16**	150.58			282.14	141.58	L	1089.61	545.31	1072.58	536.79	1071.59	536.30	9
4	**428.21**	214.61	411.19	206.10	410.20	205.61	Q	**976.52**	488.76	**959.49**	480.25	958.51	479.76	8
5	575.28	288.14	558.26	279.63	557.27	279.14	F	**848.46**	424.73	831.44	**416.22**	830.45	415.73	7
6	674.35	337.68	657.32	329.17	656.34	328.67	V	**701.39**	351.20	684.37	342.69	683.38	342.20	6
7	745.39	373.20	728.36	364.68	727.38	364.19	A	**602.33**	301.67	585.30	293.15	584.32	292.66	5
8	860.41	430.71	843.39	422.20	842.40	421.71	D	**531.29**	266.15	514.26	257.63	513.28	257.14	4
9	973.50	487.25	956.47	478.74	955.49	478.25	L	**416.26**	208.63	399.24	200.12			3
10	1101.56	551.28	1084.53	542.77	1083.55	542.28	Q	303.18	152.09	**286.15**	143.58			2
11							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID1005 **INLGVGAYR**



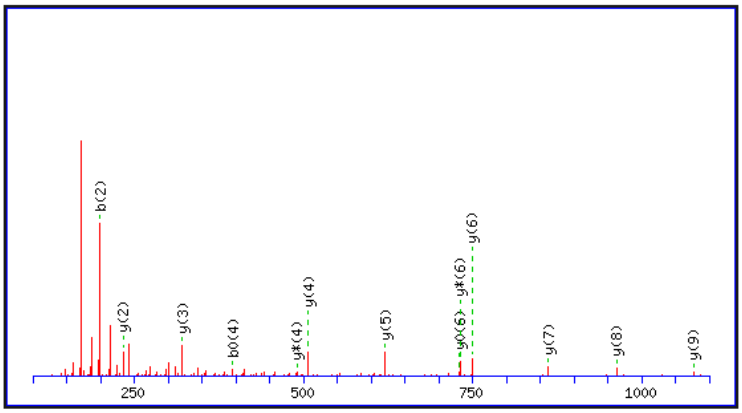
#	b	b^{++}	b*	b^{*++}	Seq.	y	y^{++}	y*	y^{*++}	#
1	114.09	57.55			I					9
2	**228.13**	114.57	211.11	106.06	N	**849.46**	425.23	832.43	416.72	8
3	341.22	171.11	324.19	162.60	L	**735.41**	368.21	718.39	359.70	7
4	398.24	199.62	381.21	191.11	G	**622.33**	311.67	605.30	303.16	6
5	497.31	249.16	480.28	240.64	V	**565.31**	283.16	548.28	274.64	5
6	554.33	277.67	537.30	269.16	G	**466.24**	233.62	449.21	225.11	4
7	625.37	313.19	608.34	304.67	A	409.22	205.11	392.19	196.60	3
8	788.43	394.72	771.40	386.21	Y	338.18	169.59	**321.16**	161.08	2
9					R	**175.12**	88.06	158.09	79.55	1

MS/MS Fragmentation of ID1006 **ASGPATILAIGK**



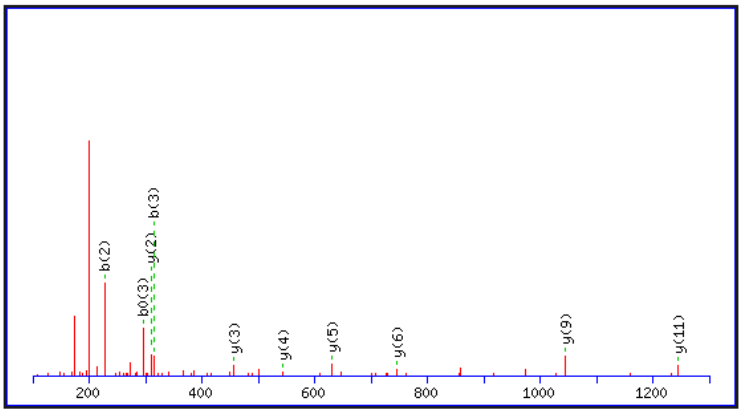
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53			A							12
2	159.08	80.04	141.07	71.04	S	1027.61	514.31	1010.59	505.80	1009.60	505.31	11
3	216.10	108.55	198.09	99.55	G	940.58	470.79	923.56	462.28	922.57	461.79	10
4	313.15	157.08	295.14	148.07	P	883.56	442.28	866.53	433.77	865.55	433.28	9
5	384.19	192.60	366.18	183.59	A	786.51	393.76	769.48	385.24	**768.50**	384.75	8
6	485.24	243.12	467.22	234.12	T	**715.47**	358.24	698.44	349.73	697.46	349.23	7
7	598.32	299.66	580.31	290.66	I	**614.42**	307.72	597.40	299.20			6
8	711.40	356.21	693.39	347.20	L	**501.34**	251.17	484.31	242.66			5
9	782.44	391.72	764.43	382.72	A	**388.26**	194.63	371.23	**186.12**			4
10	895.52	448.27	877.51	439.26	I	**317.22**	159.11	300.19	150.60			3
11	952.55	476.78	934.54	467.77	G	**204.13**	102.57	187.11	94.06			2
12					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID1015 **VVLTIQNWSSK**



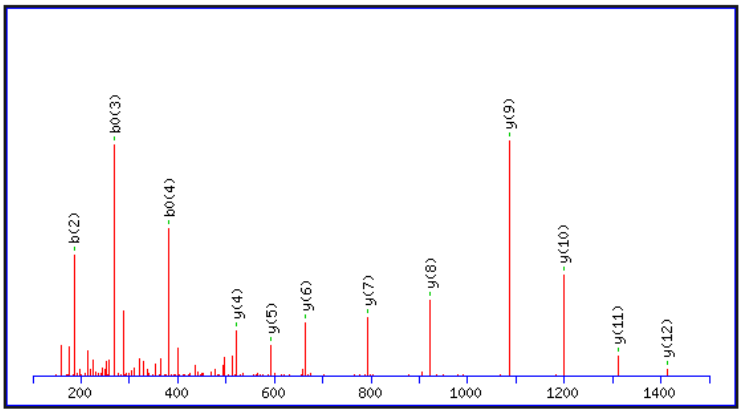
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	100.08	50.54					V							11
2	**199.14**	100.08					V	1175.64	588.32	1158.62	579.81	1157.63	579.32	10
3	312.23	156.62					L	**1076.57**	538.79	1059.55	530.28	1058.56	529.79	9
4	413.28	207.14			**395.27**	198.14	T	**963.49**	482.25	946.46	473.74	945.48	473.24	8
5	526.36	263.68			508.35	254.68	I	**862.44**	431.72	845.42	423.21	844.43	422.72	7
6	654.42	327.71	637.39	319.20	636.41	318.71	Q	**749.36**	375.18	**732.33**	366.67	**731.35**	366.18	6
7	768.46	384.73	751.43	376.22	750.45	375.73	N	**621.30**	311.15	604.27	302.64	603.29	302.15	5
8	954.54	477.77	937.51	469.26	936.53	468.77	W	**507.26**	254.13	**490.23**	245.62	489.25	245.13	4
9	1041.57	521.29	1024.55	512.78	1023.56	512.28	S	**321.18**	161.09	304.15	152.58	303.17	152.09	3
10	1128.60	564.81	1111.58	556.29	1110.59	555.80	S	**234.14**	117.58	217.12	109.06	216.13	108.57	2
11							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID1018 **LLSLADLDSSFYK**



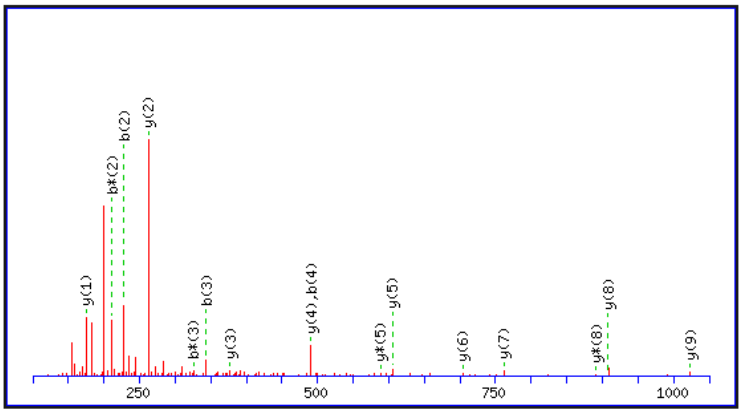
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			L							13
2	**227.18**	114.09			L	1358.68	679.85	1341.66	671.33	1340.67	670.84	12
3	**314.21**	157.61	**296.20**	148.60	S	**1245.60**	623.30	1228.57	614.79	1227.59	614.30	11
4	427.29	214.15	409.28	205.14	L	1158.57	579.79	1141.54	571.27	1140.56	570.78	10
5	498.33	249.67	480.32	240.66	A	**1045.48**	523.25	1028.46	514.73	1027.47	514.24	9
6	613.36	307.18	595.34	298.18	D	974.45	487.73	957.42	479.21	956.44	478.72	8
7	726.44	363.72	708.43	354.72	L	859.42	430.21	842.39	421.70	841.41	421.21	7
8	841.47	421.24	823.46	412.23	D	**746.34**	373.67	729.31	365.16	728.32	364.67	6
9	928.50	464.75	910.49	455.75	S	**631.31**	316.16	614.28	307.64	613.30	307.15	5
10	1015.53	508.27	997.52	499.26	S	**544.28**	272.64	527.25	264.13	526.27	263.64	4
11	1162.60	581.80	1144.59	572.80	F	**457.24**	229.13	440.22	220.61			3
12	1325.66	663.33	1307.65	654.33	Y	**310.18**	155.59	293.15	147.08			2
13					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID1030 **NATLLYEEAASLFR**



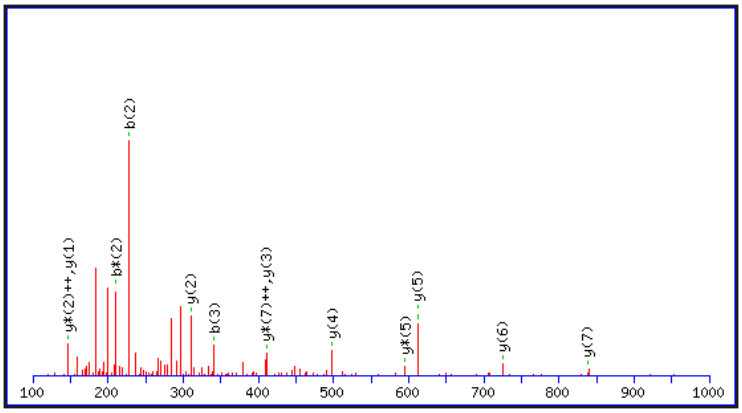
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	115.05	58.03	98.02	49.52			N							14
2	**186.09**	93.55	169.06	85.03			A	1483.78	742.39	1466.75	733.88	1465.77	733.39	13
3	287.13	144.07	270.11	135.56	**269.12**	135.07	T	**1412.74**	706.87	1395.72	698.36	1394.73	697.87	12
4	400.22	200.61	383.19	192.10	**382.21**	191.61	L	**1311.69**	656.35	1294.67	647.84	1293.68	647.35	11
5	513.30	257.16	496.28	248.64	495.29	248.15	L	**1198.61**	599.81	1181.58	591.30	1180.60	590.80	10
6	676.37	338.69	659.34	330.17	658.36	329.68	Y	**1085.53**	543.27	1068.50	534.75	1067.52	534.26	9
7	805.41	403.21	788.38	394.69	787.40	394.20	E	**922.46**	461.74	905.44	453.22	904.45	452.73	8
8	934.45	467.73	917.43	459.22	916.44	458.72	E	**793.42**	397.21	776.39	388.70	775.41	388.21	7
9	1005.49	503.25	988.46	494.73	987.48	494.24	A	**664.38**	332.69	647.35	324.18	646.37	323.69	6
10	1076.53	538.77	1059.50	530.25	1058.52	529.76	A	**593.34**	297.17	576.31	288.66	575.33	288.17	5
11	1163.56	582.28	1146.53	573.77	1145.55	573.28	S	**522.30**	261.66	505.28	253.14	504.29	252.65	4
12	1276.64	638.82	1259.62	630.31	1258.63	629.82	L	435.27	218.14	418.24	209.63			3
13	1423.71	712.36	1406.68	703.85	1405.70	703.35	F	322.19	161.60	305.16	153.08			2
14							R	175.12	88.06	158.09	79.55			1

MS/MS Fragmentation of ID1035 **NLDFGVDLDSR**



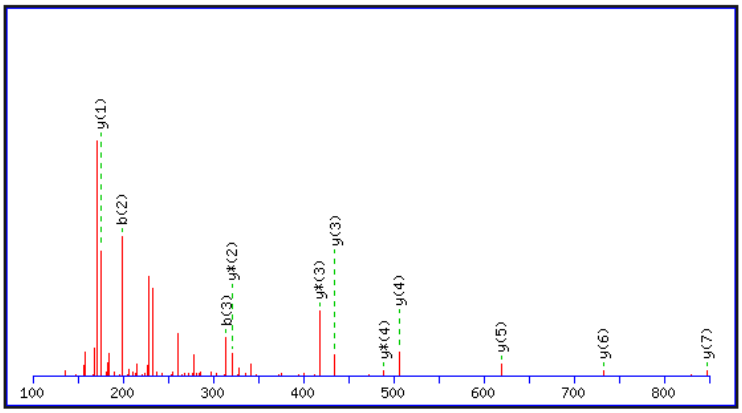
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	115.05	58.03	98.02	49.52			N							11
2	**228.13**	114.57	**211.11**	106.06			L	1136.56	568.78	1119.53	560.27	1118.55	559.78	10
3	**343.16**	172.08	**326.13**	163.57	325.15	163.08	D	**1023.47**	512.24	1006.45	503.73	1005.46	503.24	9
4	**490.23**	245.62	473.20	237.11	472.22	236.61	F	**908.45**	454.73	**891.42**	446.21	890.44	445.72	8
5	547.25	274.13	530.22	265.62	529.24	265.12	G	**761.38**	381.19	744.35	372.68	743.37	372.19	7
6	646.32	323.66	629.29	315.15	628.31	314.66	V	**704.36**	352.68	687.33	344.17	686.35	343.68	6
7	761.35	381.18	744.32	372.66	743.34	372.17	D	**605.29**	303.15	**588.26**	294.63	587.28	294.14	5
8	874.43	437.72	857.40	429.21	856.42	428.71	L	**490.26**	245.63	473.24	237.12	472.25	236.63	4
9	989.46	495.23	972.43	486.72	971.45	486.23	D	**377.18**	189.09	360.15	180.58	359.17	180.09	3
10	1076.49	538.75	1059.46	530.24	1058.48	529.74	S	**262.15**	131.58	245.12	123.07	244.14	122.57	2
11							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID1036 **LNLINSTYK**



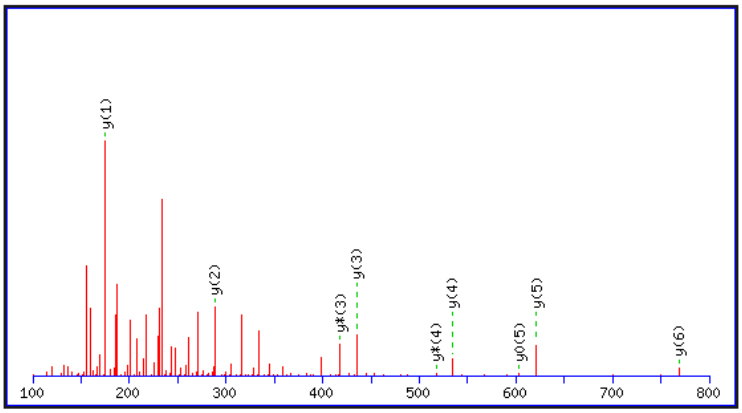
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					L							9
2	**228.13**	114.57	**211.11**	106.06			N	952.51	476.76	935.48	468.25	934.50	467.75	8
3	**341.22**	171.11	324.19	162.60			L	**838.47**	419.74	821.44	**411.22**	820.46	410.73	7
4	454.30	227.65	437.28	219.14			I	**725.38**	363.20	708.36	354.68	707.37	354.19	6
5	568.35	284.68	551.32	276.16			N	**612.30**	306.65	**595.27**	298.14	594.29	297.65	5
6	655.38	328.19	638.35	319.68	637.37	319.19	S	**498.26**	249.63	481.23	241.12	480.25	240.63	4
7	756.43	378.72	739.40	370.20	738.41	369.71	T	**411.22**	206.12	394.20	197.60	393.21	197.11	3
8	919.49	460.25	902.46	451.73	901.48	451.24	Y	**310.18**	155.59	293.15	**147.08**			2
9							K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID1037 **VVDLLAPYR**



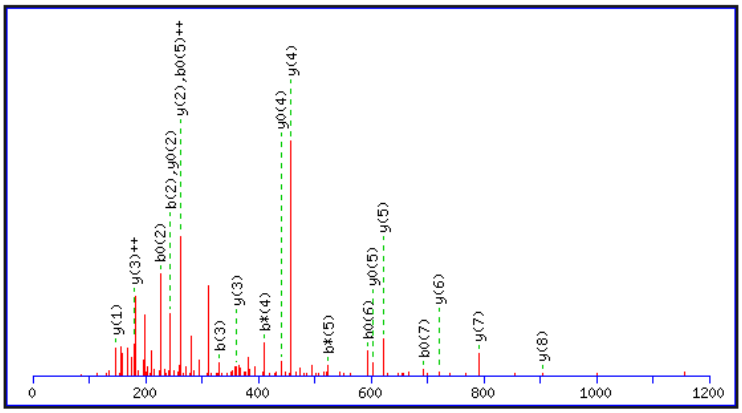
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	100.08	50.54			V							9
2	**199.14**	100.08			V	946.54	473.77	929.51	465.26	928.53	464.77	8
3	**314.17**	157.59	296.16	148.58	D	**847.47**	424.24	830.44	415.72	829.46	415.23	7
4	427.26	214.13	409.24	205.13	L	**732.44**	366.72	715.41	358.21			6
5	540.34	270.67	522.33	261.67	L	**619.36**	310.18	602.33	301.67			5
6	611.38	306.19	593.37	297.19	A	**506.27**	253.64	**489.25**	245.13			4
7	708.43	354.72	690.42	345.71	P	**435.24**	218.12	**418.21**	209.61			3
8	871.49	436.25	853.48	427.24	Y	338.18	169.59	**321.16**	161.08			2
9					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID1041 **GGQFSVFIR**



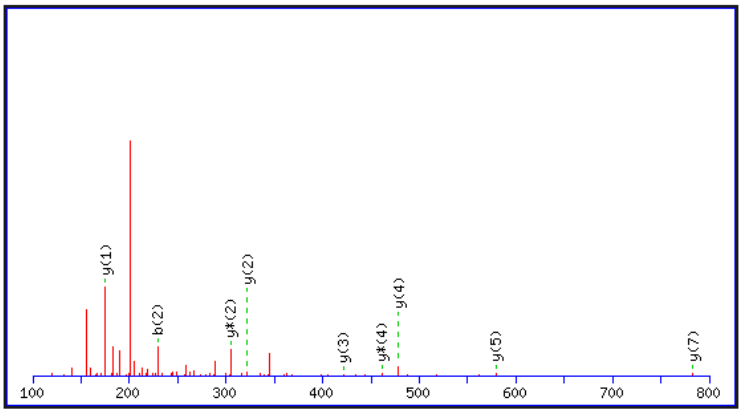
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	58.03	29.52					G							9
2	115.05	58.03					G	953.52	477.26	936.49	468.75	935.51	468.26	8
3	243.11	122.06	226.08	113.54			Q	896.50	448.75	879.47	440.24	878.49	439.75	7
4	390.18	195.59	373.15	187.08			F	**768.44**	384.72	751.41	376.21	750.43	375.72	6
5	477.21	239.11	460.18	230.59	459.20	230.10	S	**621.37**	311.19	604.35	302.68	**603.36**	302.18	5
6	576.28	288.64	559.25	280.13	558.27	279.64	V	**534.34**	267.67	**517.31**	259.16			4
7	723.35	362.18	706.32	353.66	705.34	353.17	F	**435.27**	218.14	**418.24**	209.63			3
8	836.43	418.72	819.40	410.21	818.42	409.71	I	**288.20**	144.61	271.18	136.09			2
9							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID1042 **QDSPLAVYPVDK**



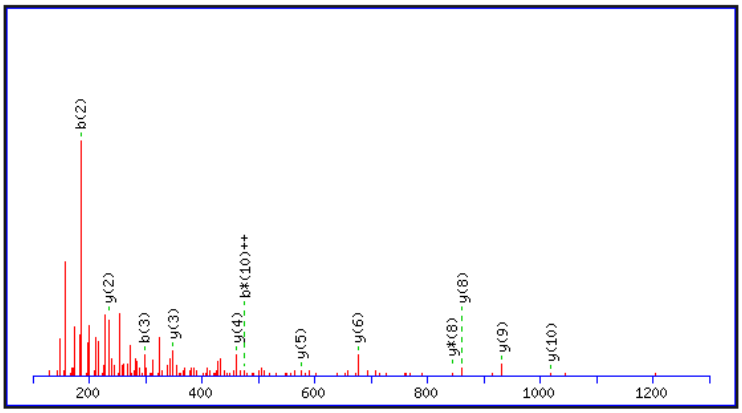
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	129.07	65.04	112.04	56.52			Q							12
2	**244.09**	122.55	227.07	114.04	**226.08**	113.54	D	1203.63	602.32	1186.60	593.80	1185.61	593.31	11
3	**331.12**	166.07	314.10	157.55	313.11	157.06	S	1088.60	544.80	1071.57	536.29	1070.59	535.80	10
4	428.18	214.59	**411.15**	206.08	410.17	205.59	P	1001.57	501.29	984.54	492.77	983.56	492.28	9
5	541.26	271.13	**524.24**	262.62	523.25	**262.13**	L	**904.51**	452.76	887.49	444.25	886.50	443.76	8
6	612.30	306.65	595.27	298.14	**594.29**	297.65	A	**791.43**	396.22	774.40	387.71	773.42	387.21	7
7	711.37	356.19	694.34	347.67	**693.36**	347.18	V	**720.39**	360.70	703.37	352.19	702.38	351.69	6
8	874.43	437.72	857.40	429.21	856.42	428.71	Y	**621.32**	311.17	604.30	302.65	**603.31**	302.16	5
9	971.48	486.25	954.46	477.73	953.47	477.24	P	**458.26**	229.63	441.23	221.12	**440.25**	220.63	4
10	1070.55	535.78	1053.53	527.27	1052.54	526.77	V	**361.21**	**181.11**	344.18	172.59	343.20	172.10	3
11	1185.58	593.29	1168.55	584.78	1167.57	584.29	D	**262.14**	131.57	245.11	123.06	**244.13**	122.57	2
12							K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID1043 **DIGFTGVFR**



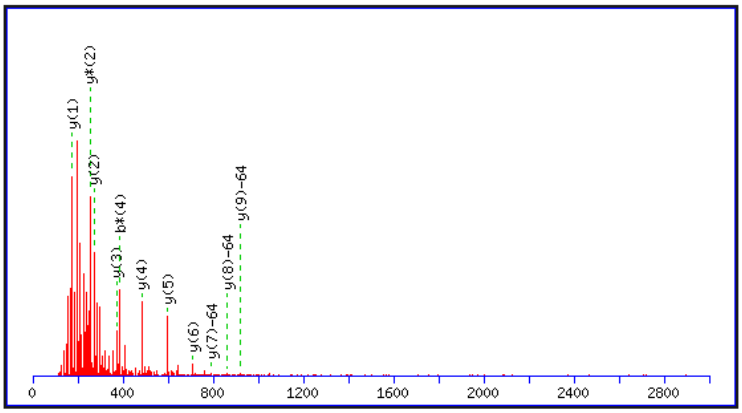
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	116.03	58.52	98.02	49.52	D							9
2	**229.12**	115.06	211.11	106.06	I	896.50	448.75	879.47	440.24	878.49	439.75	8
3	286.14	143.57	268.13	134.57	G	**783.41**	392.21	766.39	383.70	765.40	383.21	7
4	433.21	217.11	415.20	208.10	F	726.39	363.70	709.37	355.19	708.38	354.70	6
5	534.26	267.63	516.25	258.63	T	**579.32**	290.17	562.30	281.65	561.31	281.16	5
6	591.28	296.14	573.27	287.14	G	**478.28**	239.64	**461.25**	231.13			4
7	690.35	345.68	672.34	336.67	V	**421.26**	211.13	404.23	202.62			3
8	837.41	419.21	819.40	410.21	F	**322.19**	161.60	**305.16**	153.08			2
9					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID1045 **IALSAALTNLDSK**



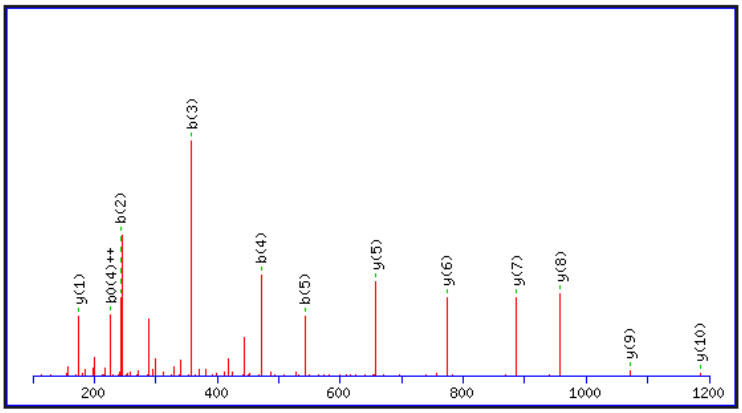
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					I							13
2	**185.13**	93.07					A	1203.66	602.33	1186.63	593.82	1185.65	593.33	12
3	**298.21**	149.61					L	1132.62	566.81	1115.59	558.30	1114.61	557.81	11
4	385.24	193.13			367.23	184.12	S	**1019.54**	510.27	1002.51	501.76	1001.53	501.27	10
5	456.28	228.64			438.27	219.64	A	**932.50**	466.76	915.48	458.24	914.49	457.75	9
6	527.32	264.16			509.31	255.16	A	**861.47**	431.24	**844.44**	422.72	843.46	422.23	8
7	640.40	320.71			622.39	311.70	L	790.43	395.72	773.40	387.21	772.42	386.71	7
8	741.45	371.23			723.44	362.22	T	**677.35**	339.18	660.32	330.66	659.34	330.17	6
9	855.49	428.25	838.47	419.74	837.48	419.25	N	**576.30**	288.65	559.27	280.14	558.29	279.65	5
10	968.58	484.79	951.55	**476.28**	950.57	475.79	L	**462.26**	231.63	445.23	223.12	444.25	222.63	4
11	1083.60	542.31	1066.58	533.79	1065.59	533.30	D	**349.17**	175.09	332.15	166.58	331.16	166.08	3
12	1170.64	585.82	1153.61	577.31	1152.63	576.82	S	**234.14**	117.58	217.12	109.06	216.13	108.57	2
13							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID1052 **QGAMILIVPR**



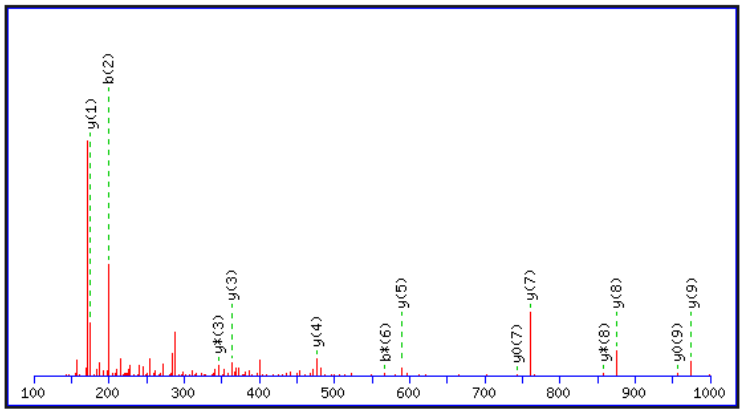
#	b	b^{++}	b*	b^{*++}	Seq.	y	y^{++}	y*	y^{*++}	#
1	129.07	65.04	112.04	56.52	Q					10
2	186.09	93.55	169.06	85.03	G	**921.59**	461.30	904.56	452.78	9
3	257.12	129.07	240.10	120.55	A	**864.57**	432.79	847.54	424.27	8
4	340.16	170.58	323.14	162.07	M	**793.53**	397.27	776.50	388.76	7
5	453.25	227.13	436.22	218.61	I	**710.49**	355.75	693.47	347.24	6
6	566.33	283.67	549.30	275.16	L	**597.41**	299.21	580.38	290.69	5
7	679.41	340.21	662.39	331.70	I	**484.32**	242.67	467.30	234.15	4
8	778.48	389.74	761.46	381.23	V	**371.24**	186.12	354.21	177.61	3
9	875.53	438.27	858.51	429.76	P	**272.17**	136.59	**255.15**	128.08	2
10					R	**175.12**	88.06	158.09	79.55	1

MS/MS Fragmentation of ID1053 **AEDLALDLQELR**



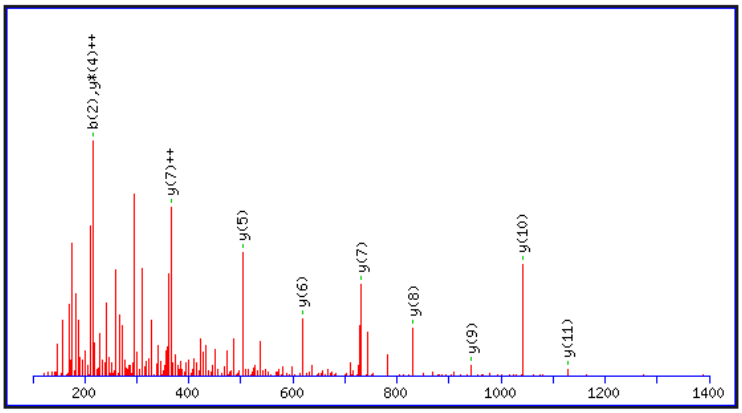
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.05	57.53					A							12
2	**243.10**	122.05			225.09	113.05	E	1314.69	657.85	1297.66	649.34	1296.68	648.84	11
3	**358.12**	179.57			340.11	170.56	D	**1185.65**	593.33	1168.62	584.81	1167.64	584.32	10
4	**471.21**	236.11			453.20	**227.10**	L	**1070.62**	535.81	1053.59	527.30	1052.61	526.81	9
5	**542.25**	271.63			524.24	262.62	A	**957.54**	479.27	940.51	470.76	939.53	470.27	8
6	655.33	328.17			637.32	319.16	L	**886.50**	443.75	869.47	435.24	868.49	434.75	7
7	770.36	385.68			752.35	376.68	D	**773.42**	387.21	756.39	378.70	755.40	378.21	6
8	883.44	442.22			865.43	433.22	L	**658.39**	329.70	641.36	321.18	640.38	320.69	5
9	1011.50	506.25	994.47	497.74	993.49	497.25	Q	545.30	273.16	528.28	264.64	527.29	264.15	4
10	1140.54	570.77	1123.52	562.26	1122.53	561.77	E	417.25	209.13	400.22	200.61	399.24	200.12	3
11	1253.63	627.32	1236.60	618.80	1235.62	618.31	L	288.20	144.61	271.18	136.09			2
12							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID1054 **VVVDGNLITSR**



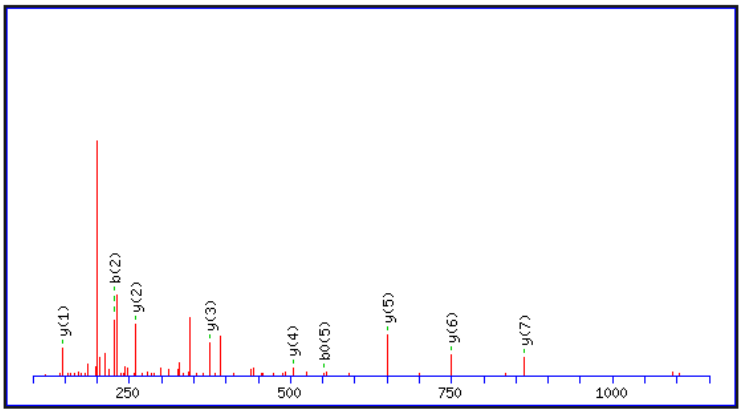
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	100.08	50.54					V							11
2	**199.14**	100.08					V	1073.59	537.30	1056.57	528.79	1055.58	528.30	10
3	298.21	149.61					V	**974.53**	487.77	957.50	479.25	**956.52**	478.76	9
4	413.24	207.12			395.23	198.12	D	**875.46**	438.23	**858.43**	429.72	857.45	429.23	8
5	470.26	235.63			452.25	226.63	G	**760.43**	380.72	743.40	372.21	**742.42**	371.71	7
6	584.30	292.66	**567.28**	284.14	566.29	283.65	N	703.41	352.21	686.38	343.70	685.40	343.20	6
7	697.39	349.20	680.36	340.68	679.38	340.19	L	**589.37**	295.19	572.34	286.67	571.36	286.18	5
8	810.47	405.74	793.45	397.23	792.46	396.73	I	**476.28**	238.64	459.26	230.13	458.27	229.64	4
9	911.52	456.26	894.49	447.75	893.51	447.26	T	**363.20**	182.10	**346.17**	173.59	345.19	173.10	3
10	998.55	499.78	981.53	491.27	980.54	490.77	S	262.15	131.58	245.12	123.07	244.14	122.57	2
11							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID1055 **VDGSSPLVLDGADLK**



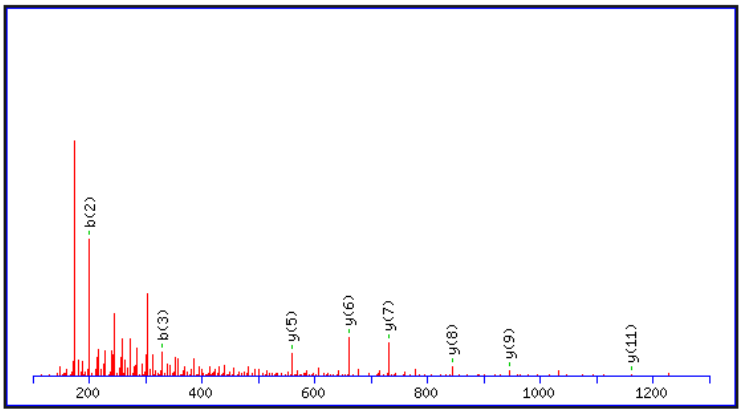
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	100.08	50.54			V							15
2	**215.10**	108.05	197.09	99.05	D	1386.71	693.86	1369.68	685.35	1368.70	684.85	14
3	272.12	136.57	254.11	127.56	G	1271.68	636.35	1254.66	627.83	1253.67	627.34	13
4	359.16	180.08	341.15	171.08	S	1214.66	607.83	1197.64	599.32	1196.65	598.83	12
5	446.19	223.60	428.18	214.59	S	**1127.63**	564.32	1110.60	555.81	1109.62	555.31	11
6	543.24	272.12	525.23	263.12	P	**1040.60**	520.80	1023.57	512.29	1022.59	511.80	10
7	656.32	328.67	638.31	319.66	L	**943.55**	472.28	926.52	463.76	925.54	463.27	9
8	755.39	378.20	737.38	369.20	V	**830.46**	415.73	813.44	407.22	812.45	406.73	8
9	868.48	434.74	850.47	425.74	L	**731.39**	**366.20**	714.37	357.69	713.38	357.20	7
10	983.50	492.26	965.49	483.25	D	**618.31**	309.66	601.28	301.15	600.30	300.65	6
11	1040.53	520.77	1022.52	511.76	G	**503.28**	252.14	486.26	243.63	485.27	243.14	5
12	1111.56	556.29	1093.55	547.28	A	446.26	223.63	429.23	**215.12**	428.25	214.63	4
13	1226.59	613.80	1208.58	604.79	D	375.22	188.12	358.20	179.60	357.21	179.11	3
14	1339.67	670.34	1321.66	661.34	L	260.20	130.60	243.17	122.09			2
15					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID1058 **LLTELVFEDLK**



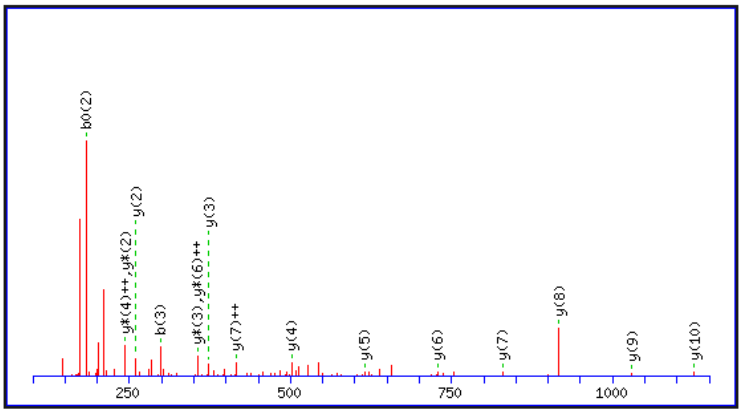
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			L							11
2	**227.18**	114.09			L	1206.66	603.83	1189.64	595.32	1188.65	594.83	10
3	328.22	164.62	310.21	155.61	T	1093.58	547.29	1076.55	538.78	1075.57	538.29	9
4	457.27	229.14	439.26	220.13	E	992.53	496.77	975.50	488.26	974.52	487.76	8
5	570.35	285.68	**552.34**	276.67	L	**863.49**	432.25	846.46	423.73	845.48	423.24	7
6	669.42	335.21	651.41	326.21	V	**750.40**	375.71	733.38	367.19	732.39	366.70	6
7	816.49	408.75	798.48	399.74	F	**651.33**	326.17	634.31	317.66	633.32	317.17	5
8	945.53	473.27	927.52	464.26	E	**504.27**	252.64	487.24	244.12	486.26	243.63	4
9	1060.56	530.78	1042.55	521.78	D	**375.22**	188.12	358.20	179.60	357.21	179.11	3
10	1173.64	587.32	1155.63	578.32	L	**260.20**	130.60	243.17	122.09			2
11					K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID1059 **SLESTLATGNLQK**



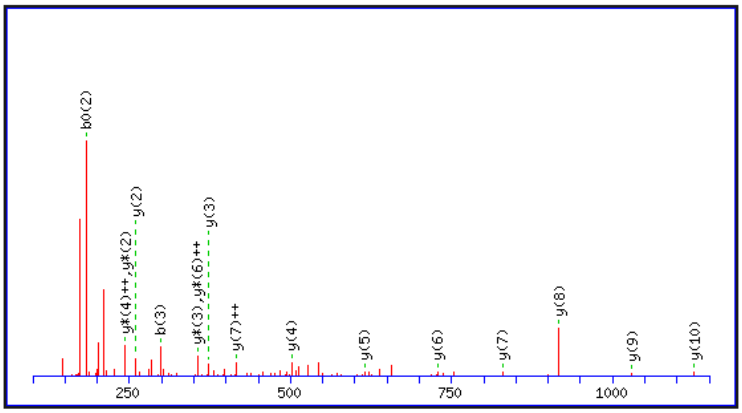
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.04	44.52			70.03	35.52	S							13
2	**201.12**	101.07			183.11	92.06	L	1274.70	637.85	1257.67	629.34	1256.68	628.85	12
3	**330.17**	165.59			312.16	156.58	E	**1161.61**	581.31	1144.58	572.80	1143.60	572.30	11
4	417.20	209.10			399.19	200.10	S	1032.57	516.79	1015.54	508.27	1014.56	507.78	10
5	518.25	259.63			500.24	250.62	T	**945.54**	473.27	928.51	464.76	927.53	464.27	9
6	631.33	316.17			613.32	307.16	L	**844.49**	422.75	827.46	414.23	826.48	413.74	8
7	702.37	351.69			684.36	342.68	A	**731.40**	366.21	714.38	357.69	713.39	357.20	7
8	803.41	402.21			785.40	393.21	T	**660.37**	330.69	643.34	322.17	642.36	321.68	6
9	860.44	430.72			842.43	421.72	G	**559.32**	280.16	542.29	271.65			5
10	974.48	487.74	957.45	479.23	956.47	478.74	N	502.30	251.65	485.27	243.14			4
11	1087.56	544.29	1070.54	535.77	1069.55	535.28	L	388.26	194.63	371.23	186.12			3
12	1215.62	608.31	1198.60	599.80	1197.61	599.31	Q	275.17	138.09	258.14	129.58			2
13							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID1060 **SLPLSTLIEILK**



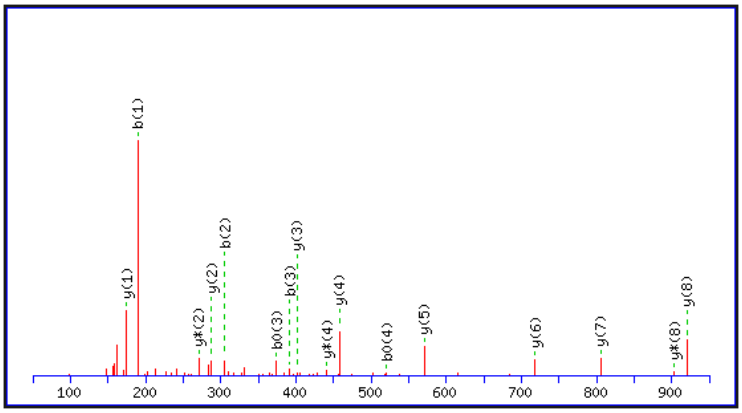
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.04	44.52	70.03	35.52	S							12
2	201.12	101.07	**183.11**	92.06	L	1239.79	620.40	1222.77	611.89	1221.78	611.39	11
3	**298.18**	149.59	280.17	140.59	P	**1126.71**	563.86	1109.68	555.34	1108.70	554.85	10
4	411.26	206.13	393.25	197.13	L	**1029.66**	515.33	1012.63	506.82	1011.64	506.33	9
5	498.29	249.65	480.28	240.64	S	**916.57**	458.79	899.54	450.28	898.56	449.78	8
6	599.34	300.17	581.33	291.17	T	**829.54**	**415.27**	812.51	406.76	811.53	406.27	7
7	712.42	356.72	694.41	347.71	L	**728.49**	364.75	711.47	**356.24**	710.48	355.74	6
8	825.51	413.26	807.50	404.25	I	**615.41**	308.21	598.38	299.69	597.40	299.20	5
9	954.55	477.78	936.54	468.77	E	**502.32**	251.67	485.30	**243.15**	484.31	242.66	4
10	1067.63	534.32	1049.62	525.32	I	**373.28**	187.14	**356.25**	178.63			3
11	1180.72	590.86	1162.71	581.86	L	**260.20**	130.60	**243.17**	122.09			2
12					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID1061 **SLPLSTLIEILK**



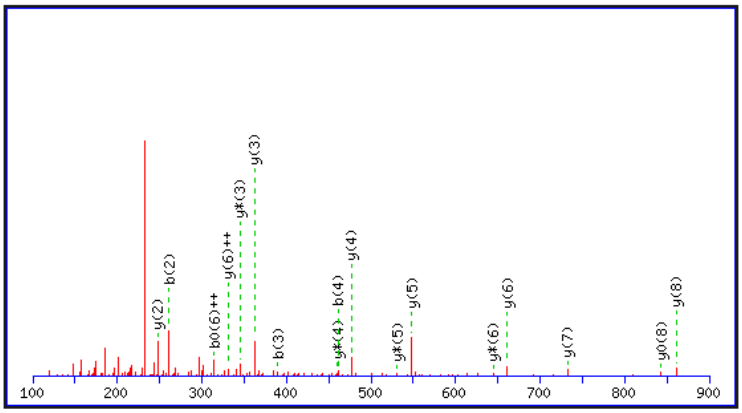
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.04	44.52	70.03	35.52	S							12
2	201.12	101.07	**183.11**	92.06	L	1239.79	620.40	1222.77	611.89	1221.78	611.39	11
3	**298.18**	149.59	280.17	140.59	P	**1126.71**	563.86	1109.68	555.34	1108.70	554.85	10
4	411.26	206.13	393.25	197.13	L	**1029.66**	515.33	1012.63	506.82	1011.64	506.33	9
5	498.29	249.65	480.28	240.64	S	**916.57**	458.79	899.54	450.28	898.56	449.78	8
6	599.34	300.17	581.33	291.17	T	**829.54**	**415.27**	812.51	406.76	811.53	406.27	7
7	712.42	356.72	694.41	347.71	L	**728.49**	364.75	711.47	**356.24**	710.48	355.74	6
8	825.51	413.26	807.50	404.25	I	**615.41**	308.21	598.38	299.69	597.40	299.20	5
9	954.55	477.78	936.54	468.77	E	**502.32**	251.67	485.30	**243.15**	484.31	242.66	4
10	1067.63	534.32	1049.62	525.32	I	**373.28**	187.14	**356.25**	178.63			3
11	1180.72	590.86	1162.71	581.86	L	**260.20**	130.60	**243.17**	122.09			2
12					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID1062 **MDSFLGLLR**



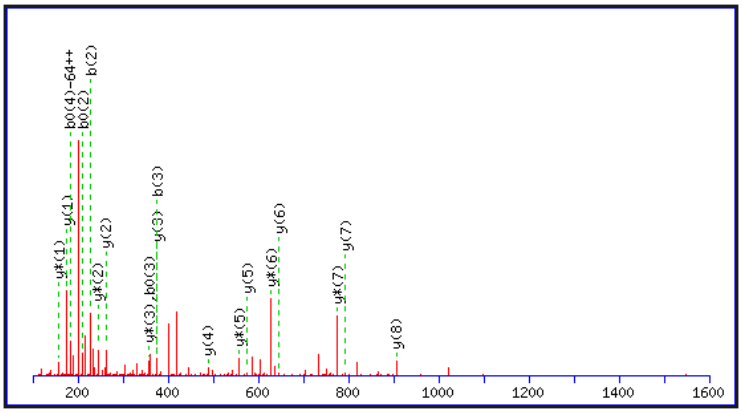
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	**190.05**	95.53			M							9
2	**305.08**	153.04	287.07	144.04	D	**920.52**	460.76	**903.49**	452.25	902.51	451.76	8
3	**392.11**	196.56	**374.10**	187.55	S	**805.49**	403.25	788.47	394.74	787.48	394.24	7
4	539.18	270.09	**521.17**	261.09	F	**718.46**	359.73	701.43	351.22			6
5	652.26	326.64	634.25	317.63	L	**571.39**	286.20	554.37	277.69			5
6	709.29	355.15	691.28	346.14	G	**458.31**	229.66	**441.28**	221.14			4
7	822.37	411.69	804.36	402.68	L	**401.29**	201.15	384.26	192.63			3
8	935.45	468.23	917.44	459.23	L	**288.20**	144.61	**271.18**	136.09			2
9					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID1063 **FIEAIADNTK**



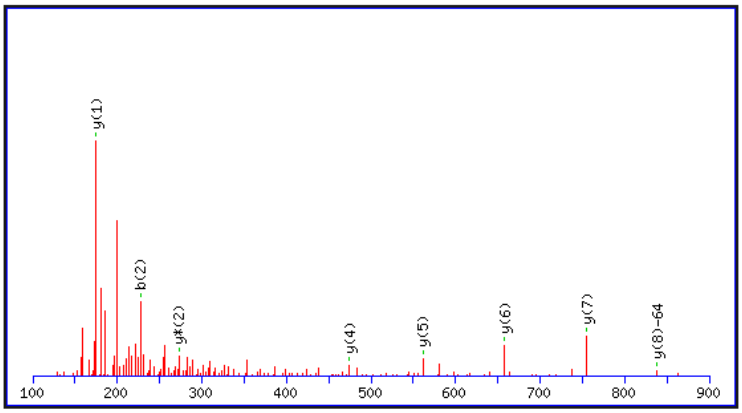
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	148.08	74.54					F							10
2	**261.16**	131.08					I	974.52	487.76	957.49	479.25	956.50	478.76	9
3	**390.20**	195.60			372.19	186.60	E	**861.43**	431.22	844.40	422.71	**843.42**	422.21	8
4	**461.24**	231.12			443.23	222.12	A	**732.39**	366.70	715.36	358.18	714.38	357.69	7
5	574.32	287.67			556.31	278.66	I	**661.35**	**331.18**	**644.32**	322.67	643.34	322.17	6
6	645.36	323.18			627.35	**314.18**	A	**548.27**	274.64	**531.24**	266.12	530.26	265.63	5
7	760.39	380.70			742.38	371.69	D	**477.23**	239.12	**460.20**	230.61	459.22	230.11	4
8	874.43	437.72	857.40	429.21	856.42	428.71	N	**362.20**	181.61	**345.18**	173.09	344.19	172.60	3
9	975.48	488.24	958.45	479.73	957.47	479.24	T	**248.16**	124.58	231.13	116.07	230.15	115.58	2
10							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID1064 **DIMASLLSR**



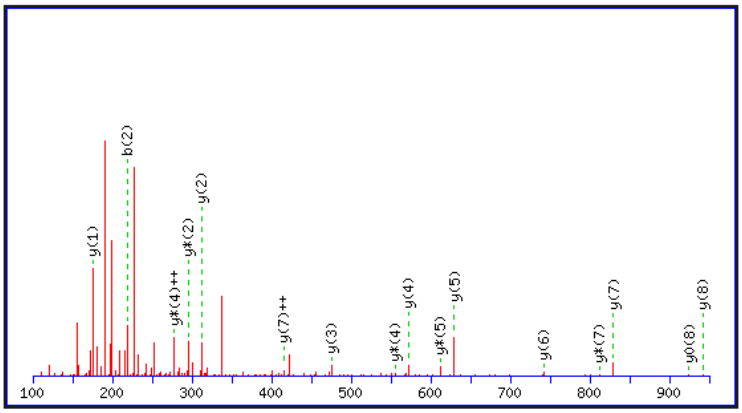
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	116.03	58.52	98.02	49.52	D							9
2	**229.12**	115.06	**211.11**	106.06	I	**906.51**	453.76	889.48	445.24	888.50	444.75	8
3	**376.15**	188.58	**358.14**	179.58	M	**793.42**	397.22	**776.40**	388.70	775.41	388.21	7
4	447.19	224.10	429.18	215.09	A	**646.39**	323.70	**629.36**	315.18	628.38	314.69	6
5	534.22	267.62	516.21	258.61	S	**575.35**	288.18	**558.32**	279.67	557.34	279.17	5
6	647.31	324.16	629.30	315.15	L	**488.32**	244.66	471.29	236.15	470.31	235.66	4
7	760.39	380.70	742.38	371.69	L	**375.24**	188.12	**358.21**	179.61	357.22	179.12	3
8	847.42	424.22	829.41	415.21	S	**262.15**	131.58	**245.12**	123.07	244.14	122.57	2
9					R	**175.12**	88.06	**158.09**	79.55			1

MS/MS Fragmentation of ID1065 **IIMPPSALDR**



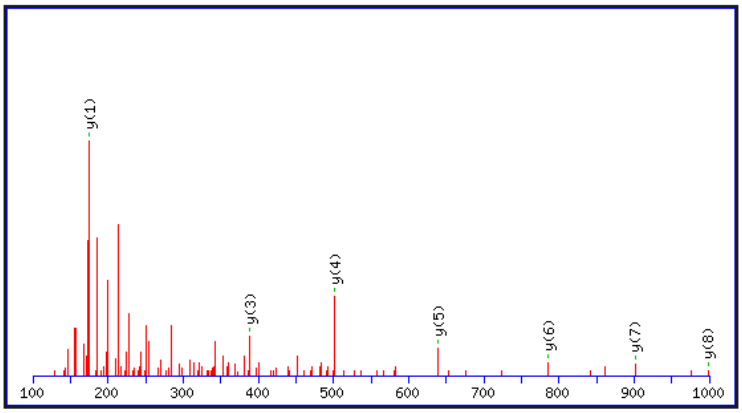
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			I							10
2	**227.18**	114.09			I	951.53	476.27	934.50	467.75	933.52	467.26	9
3	310.21	155.61			M	**838.44**	419.72	821.42	411.21	820.43	410.72	8
4	407.27	204.14			P	**755.40**	378.21	738.38	369.69	737.39	369.20	7
5	504.32	252.66			P	**658.35**	329.68	641.33	321.17	640.34	320.67	6
6	591.35	296.18	573.34	287.17	S	**561.30**	281.15	544.27	272.64	543.29	272.15	5
7	662.39	331.70	644.38	322.69	A	**474.27**	237.64	457.24	229.12	456.26	228.63	4
8	775.47	388.24	757.46	379.23	L	403.23	202.12	386.20	193.61	385.22	193.11	3
9	890.50	445.75	872.49	436.75	D	290.15	145.58	**273.12**	137.06	272.14	136.57	2
10					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID1066 **AFEPEILSIGPYHR**



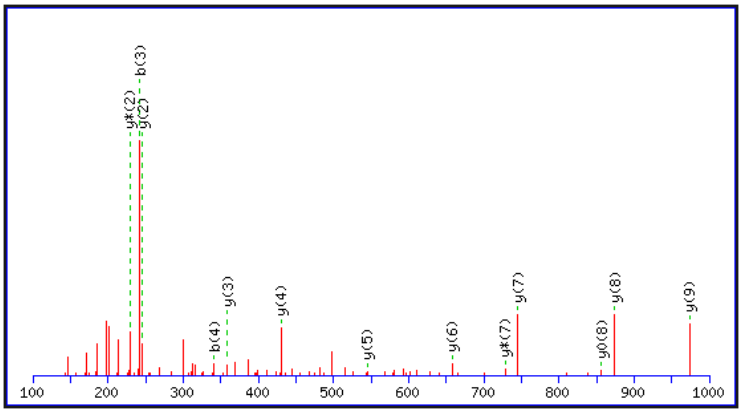
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53			A							14
2	**219.11**	110.06			F	1557.81	779.41	1540.78	770.89	1539.80	770.40	13
3	348.16	174.58	330.14	165.58	E	1410.74	705.87	1393.71	697.36	1392.73	696.87	12
4	445.21	223.11	427.20	214.10	P	1281.69	641.35	1264.67	632.84	1263.68	632.35	11
5	574.25	287.63	556.24	278.62	E	1184.64	592.82	1167.62	584.31	1166.63	583.82	10
6	687.33	344.17	669.32	335.17	I	1055.60	528.30	1038.57	519.79	1037.59	519.30	9
7	800.42	400.71	782.41	391.71	L	**942.52**	471.76	925.49	463.25	**924.50**	462.76	8
8	887.45	444.23	869.44	435.22	S	**829.43**	**415.22**	**812.40**	406.71	811.42	406.21	7
9	1000.53	500.77	982.52	491.77	I	**742.40**	371.70	725.37	363.19			6
10	1057.56	529.28	1039.55	520.28	G	**629.32**	315.16	**612.29**	306.65			5
11	1154.61	577.81	1136.60	568.80	P	**572.29**	286.65	**555.27**	**278.14**			4
12	1317.67	659.34	1299.66	650.33	Y	**475.24**	238.12	458.21	229.61			3
13	1454.73	727.87	1436.72	718.86	H	**312.18**	156.59	**295.15**	148.08			2
14					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID1068 **AEPDFHLTIR**



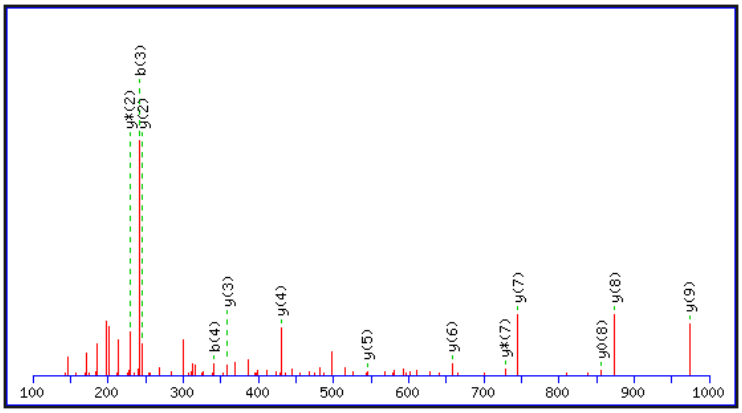
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53			A							10
2	201.09	101.05	183.08	92.04	E	1127.58	564.30	1110.56	555.78	1109.57	555.29	9
3	298.14	149.57	280.13	140.57	P	**998.54**	499.77	981.52	491.26	980.53	490.77	8
4	413.17	207.09	395.16	198.08	D	**901.49**	451.25	884.46	442.73	883.48	442.24	7
5	560.24	280.62	542.22	271.62	F	**786.46**	393.73	769.44	385.22	768.45	384.73	6
6	697.29	349.15	679.28	340.15	H	**639.39**	320.20	622.37	311.69	621.38	311.20	5
7	810.38	405.69	792.37	396.69	L	**502.33**	251.67	485.31	243.16	484.32	242.67	4
8	911.43	456.22	893.42	447.21	T	**389.25**	195.13	372.22	186.62	371.24	186.12	3
9	1024.51	512.76	1006.50	503.75	I	288.20	144.61	271.18	136.09			2
10					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID1070 **AGIVESLDALVK**



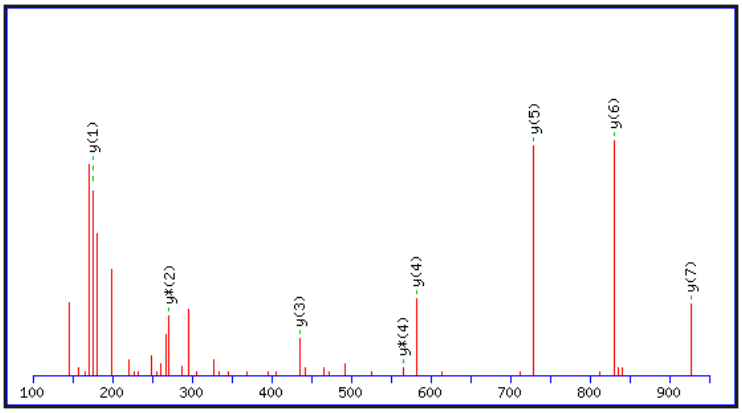
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53			A							12
2	129.07	65.04			G	1143.66	572.33	1126.64	563.82	1125.65	563.33	11
3	**242.15**	121.58			I	1086.64	543.82	1069.61	535.31	1068.63	534.82	10
4	**341.22**	171.11			V	**973.56**	487.28	956.53	478.77	955.55	478.28	9
5	470.26	235.63	452.25	226.63	E	**874.49**	437.75	857.46	429.23	**856.48**	428.74	8
6	557.29	279.15	539.28	270.14	S	**745.45**	373.23	**728.42**	364.71	727.43	364.22	7
7	670.38	335.69	652.37	326.69	L	**658.41**	329.71	641.39	321.20	640.40	320.71	6
8	785.40	393.21	767.39	384.20	D	**545.33**	273.17	528.30	264.66	527.32	264.16	5
9	856.44	428.72	838.43	419.72	A	**430.30**	215.65	413.28	207.14			4
10	969.53	485.27	951.51	476.26	L	**359.27**	180.14	342.24	171.62			3
11	1068.59	534.80	1050.58	525.80	V	**246.18**	123.59	**229.15**	115.08			2
12					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID1071 **AGIVESLDALVK**



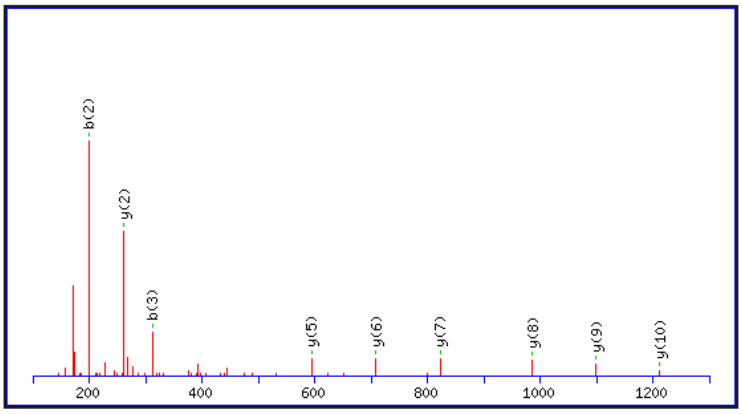
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53			A							12
2	129.07	65.04			G	1143.66	572.33	1126.64	563.82	1125.65	563.33	11
3	**242.15**	121.58			I	1086.64	543.82	1069.61	535.31	1068.63	534.82	10
4	**341.22**	171.11			V	**973.56**	487.28	956.53	478.77	955.55	478.28	9
5	470.26	235.63	452.25	226.63	E	**874.49**	437.75	857.46	429.23	**856.48**	428.74	8
6	557.29	279.15	539.28	270.14	S	**745.45**	373.23	**728.42**	364.71	727.43	364.22	7
7	670.38	335.69	652.37	326.69	L	**658.41**	329.71	641.39	321.20	640.40	320.71	6
8	785.40	393.21	767.39	384.20	D	**545.33**	273.17	528.30	264.66	527.32	264.16	5
9	856.44	428.72	838.43	419.72	A	**430.30**	215.65	413.28	207.14			4
10	969.53	485.27	951.51	476.26	L	**359.27**	180.14	342.24	171.62			3
11	1068.59	534.80	1050.58	525.80	V	**246.18**	123.59	**229.15**	115.08			2
12					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID1072 **ATPTFFFLR**



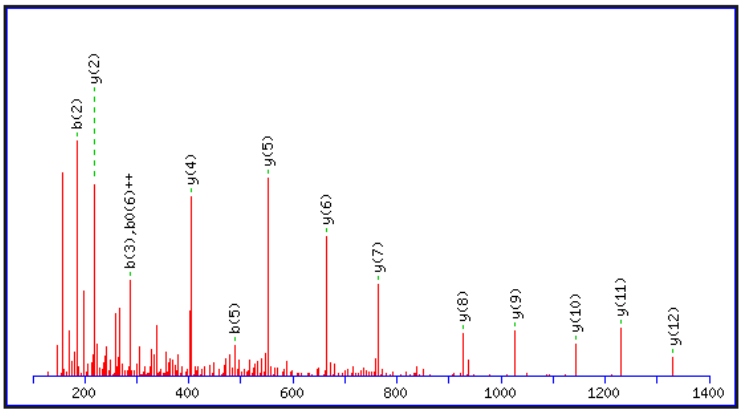
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53			A							9
2	173.09	87.05	155.08	78.04	T	1028.56	514.78	1011.53	506.27	1010.55	505.78	8
3	270.14	135.58	252.13	126.57	P	**927.51**	464.26	910.48	455.74	909.50	455.25	7
4	371.19	186.10	353.18	177.09	T	**830.46**	415.73	813.43	407.22	812.45	406.73	6
5	518.26	259.63	500.25	250.63	F	**729.41**	365.21	712.38	356.69			5
6	665.33	333.17	647.32	324.16	F	**582.34**	291.67	**565.31**	283.16			4
7	812.40	406.70	794.39	397.70	F	**435.27**	218.14	418.24	209.63			3
8	925.48	463.24	907.47	454.24	L	288.20	144.61	**271.18**	136.09			2
9					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID1073 **VVILYDIFADSR**



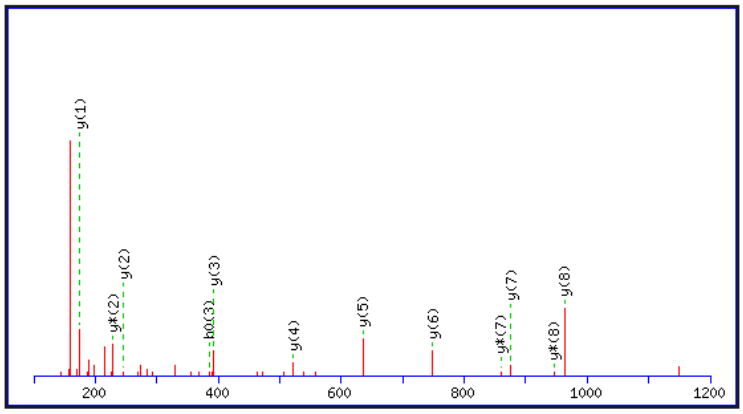
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	100.08	50.54			V							12
2	**199.14**	100.08			V	1311.69	656.35	1294.67	647.84	1293.68	647.35	11
3	**312.23**	156.62			I	**1212.63**	606.82	1195.60	598.30	1194.62	597.81	10
4	425.31	213.16			L	**1099.54**	550.27	1082.52	541.76	1081.53	541.27	9
5	588.38	294.69			Y	**986.46**	493.73	969.43	485.22	968.45	484.73	8
6	703.40	352.20	685.39	343.20	D	**823.39**	412.20	806.37	403.69	805.38	403.20	7
7	816.49	408.75	798.48	399.74	I	**708.37**	354.69	691.34	346.17	690.36	345.68	6
8	963.55	482.28	945.54	473.28	F	**595.28**	298.15	578.26	289.63	577.27	289.14	5
9	1034.59	517.80	1016.58	508.79	A	448.22	224.61	431.19	216.10	430.20	215.61	4
10	1149.62	575.31	1131.61	566.31	D	377.18	189.09	360.15	180.58	359.17	180.09	3
11	1236.65	618.83	1218.64	609.82	S	**262.15**	131.58	245.12	123.07	244.14	122.57	2
12					R	175.12	88.06	158.09	79.55			1

MS/MS Fragmentation of ID1074 **SPTSDTYVIFGEAK**



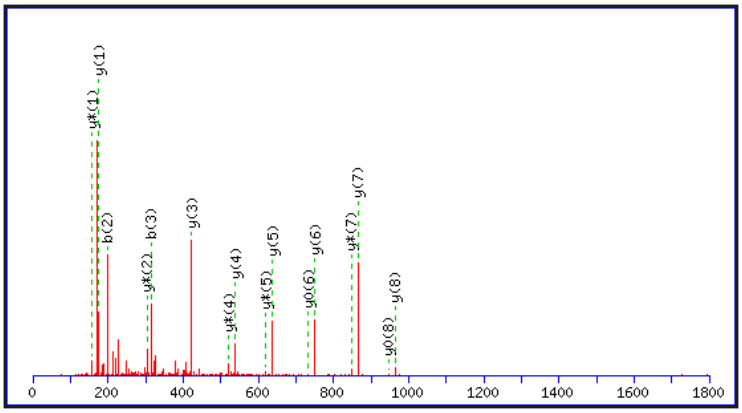
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.04	44.52	70.03	35.52	S							14
2	**185.09**	93.05	167.08	84.04	P	1427.71	714.36	1410.68	705.84	1409.69	705.35	13
3	**286.14**	143.57	268.13	134.57	T	**1330.65**	665.83	1313.63	657.32	1312.64	656.82	12
4	373.17	187.09	355.16	178.08	S	**1229.60**	615.31	1212.58	606.79	1211.59	606.30	11
5	**488.20**	244.60	470.19	235.60	D	**1142.57**	571.79	1125.55	563.28	1124.56	562.78	10
6	589.25	295.13	571.24	**286.12**	T	**1027.55**	514.28	1010.52	505.76	1009.54	505.27	9
7	752.31	376.66	734.30	367.65	Y	**926.50**	463.75	909.47	455.24	908.49	454.75	8
8	851.38	426.19	833.37	417.19	V	**763.43**	382.22	746.41	373.71	745.42	373.22	7
9	964.46	482.73	946.45	473.73	I	**664.37**	332.69	647.34	324.17	646.36	323.68	6
10	1111.53	556.27	1093.52	547.26	F	**551.28**	276.14	534.26	267.63	533.27	267.14	5
11	1168.55	584.78	1150.54	575.77	G	**404.21**	202.61	387.19	194.10	386.20	193.61	4
12	1297.59	649.30	1279.58	640.30	E	347.19	174.10	330.17	165.59	329.18	165.09	3
13	1368.63	684.82	1350.62	675.81	A	**218.15**	109.58	201.12	101.07			2
14					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID1075 **DTWSQLLEFAR**



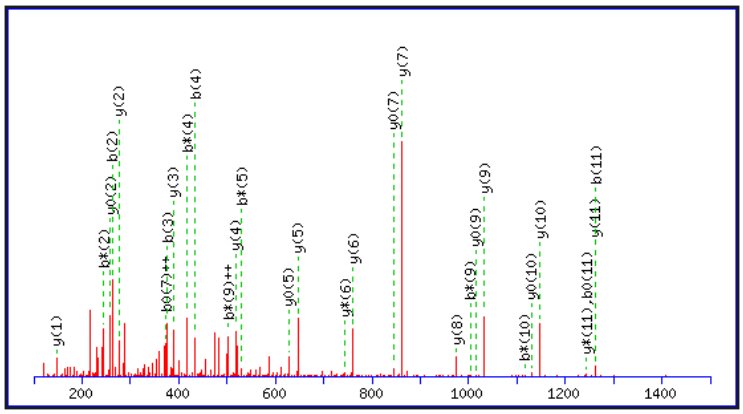
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	116.03	58.52			98.02	49.52	D							11
2	217.08	109.04			199.07	100.04	T	1250.65	625.83	1233.63	617.32	1232.64	616.82	10
3	403.16	202.08			**385.15**	193.08	W	1149.61	575.31	1132.58	566.79	1131.59	566.30	9
4	490.19	245.60			472.18	236.59	S	**963.53**	482.27	**946.50**	473.75	945.52	473.26	8
5	618.25	309.63	601.23	301.12	600.24	300.62	Q	**876.49**	438.75	**859.47**	430.24	858.48	429.75	7
6	731.34	366.17	714.31	357.66	713.33	357.17	L	**748.44**	374.72	731.41	366.21	730.42	365.72	6
7	844.42	422.71	827.39	414.20	826.41	413.71	L	**635.35**	318.18	618.32	309.67	617.34	309.17	5
8	973.46	487.23	956.44	478.72	955.45	478.23	E	**522.27**	261.64	505.24	253.12	504.26	252.63	4
9	1120.53	560.77	1103.50	552.26	1102.52	551.76	F	**393.22**	197.12	376.20	188.60			3
10	1191.57	596.29	1174.54	587.77	1173.56	587.28	A	**246.16**	123.58	**229.13**	115.07			2
11							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID1076 **VVDIVDTFR**



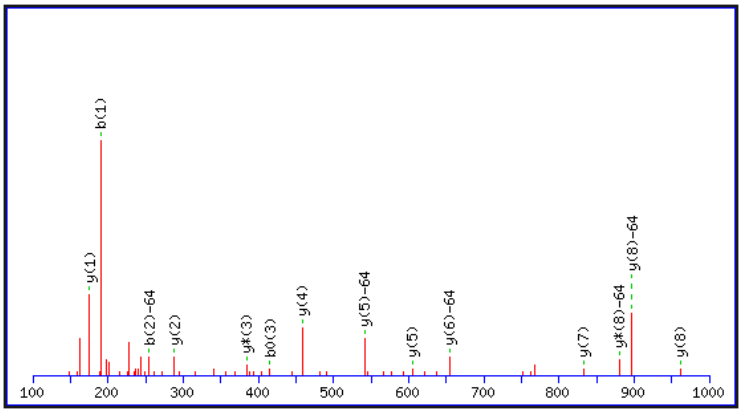
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	100.08	50.54			V							9
2	**199.14**	100.08			V	**964.51**	482.76	947.48	474.25	**946.50**	473.75	8
3	**314.17**	157.59	296.16	148.58	D	**865.44**	433.22	**848.41**	424.71	847.43	424.22	7
4	427.26	214.13	409.24	205.13	I	**750.41**	375.71	733.39	367.20	**732.40**	366.71	6
5	526.32	263.67	508.31	254.66	V	**637.33**	319.17	**620.30**	310.66	619.32	310.16	5
6	641.35	321.18	623.34	312.17	D	**538.26**	269.63	**521.24**	261.12	520.25	260.63	4
7	742.40	371.70	724.39	362.70	T	**423.24**	212.12	406.21	203.61	405.22	203.12	3
8	889.47	445.24	871.46	436.23	F	322.19	161.60	**305.16**	153.08			2
9					R	**175.12**	88.06	**158.09**	79.55			1

MS/MS Fragmentation of ID1077 **FNDGITDEQIEK**



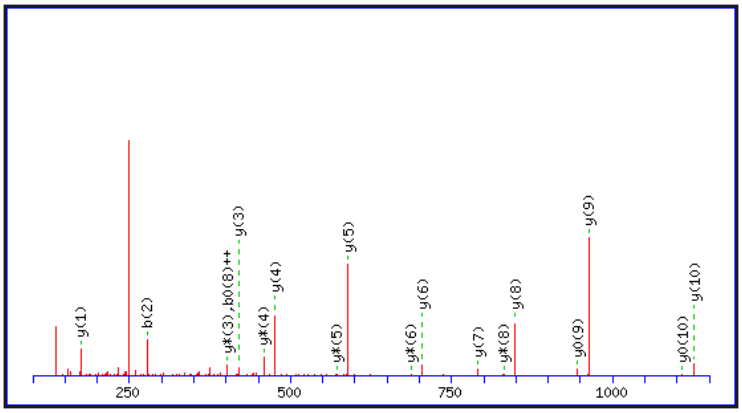
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	148.08	74.54					F							12
2	**262.12**	131.56	**245.09**	123.05			N	**1261.59**	631.30	**1244.56**	622.79	1243.58	622.29	11
3	**377.15**	189.08	360.12	180.56	359.13	180.07	D	**1147.55**	574.28	1130.52	565.76	**1129.54**	565.27	10
4	**434.17**	217.59	**417.14**	209.07	416.16	208.58	G	**1032.52**	516.76	1015.49	508.25	**1014.51**	507.76	9
5	547.25	274.13	**530.22**	265.62	529.24	265.12	I	**975.50**	488.25	958.47	479.74	957.49	479.25	8
6	648.30	324.65	631.27	316.14	630.29	315.65	T	**862.42**	431.71	845.39	423.20	**844.40**	422.71	7
7	763.33	382.17	746.30	373.65	745.32	**373.16**	D	**761.37**	381.19	**744.34**	372.67	743.36	372.18	6
8	892.37	446.69	875.34	438.17	874.36	437.68	E	**646.34**	323.67	629.31	315.16	**628.33**	314.67	5
9	1020.43	510.72	**1003.40**	**502.20**	1002.42	501.71	Q	**517.30**	259.15	500.27	250.64	499.29	250.15	4
10	1133.51	567.26	**1116.48**	558.75	1115.50	558.25	I	**389.24**	195.12	372.21	186.61	371.23	186.12	3
11	**1262.55**	631.78	1245.53	623.27	**1244.54**	622.78	E	**276.16**	138.58	259.13	130.07	**258.14**	129.58	2
12							K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID1078 **MENLMGLLR**



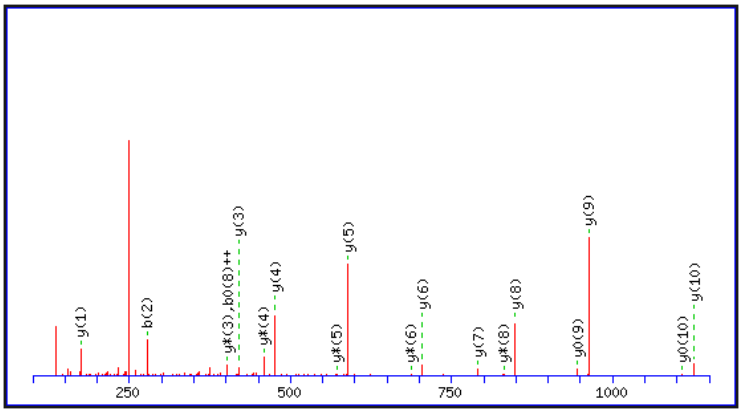
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	126.06	63.53					M							9
2	**255.10**	128.05			237.09	119.05	E	**897.52**	449.26	**880.49**	440.75	879.50	440.26	8
3	369.14	185.07	352.11	176.56	351.13	176.07	N	768.47	384.74	751.45	376.23			7
4	482.22	241.62	465.20	233.10	464.21	232.61	L	**654.43**	327.72	637.40	319.21			6
5	565.26	283.13	548.24	274.62	547.25	274.13	M	**541.35**	271.18	524.32	262.66			5
6	622.28	311.65	605.26	303.13	604.27	302.64	G	**458.31**	229.66	441.28	221.14			4
7	735.37	368.19	718.34	359.67	717.36	359.18	L	401.29	201.15	**384.26**	192.63			3
8	848.45	424.73	831.42	416.22	830.44	415.72	L	**288.20**	144.61	271.18	136.09			2
9							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID1080 **LYDGSDIGPFR**



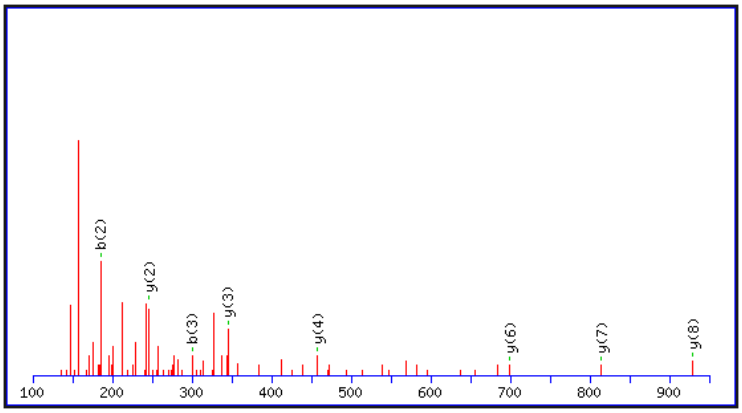
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			L							11
2	**277.15**	139.08			Y	**1126.52**	563.76	1109.49	555.25	**1108.51**	554.76	10
3	392.18	196.59	374.17	187.59	D	**963.45**	482.23	946.43	473.72	**945.44**	473.22	9
4	449.20	225.11	431.19	216.10	G	**848.43**	424.72	**831.40**	416.20	830.42	415.71	8
5	536.24	268.62	518.22	259.62	S	**791.40**	396.21	774.38	387.69	773.39	387.20	7
6	651.26	326.13	633.25	317.13	D	**704.37**	352.69	**687.35**	344.18	686.36	343.68	6
7	764.35	382.68	746.34	373.67	I	**589.35**	295.18	**572.32**	286.66			5
8	821.37	411.19	803.36	**402.18**	G	**476.26**	238.63	**459.24**	230.12			4
9	918.42	459.71	900.41	450.71	P	**419.24**	210.12	**402.21**	201.61			3
10	1065.49	533.25	1047.48	524.24	F	322.19	161.60	305.16	153.08			2
11					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID1081 **LYDGSDIGPFR**



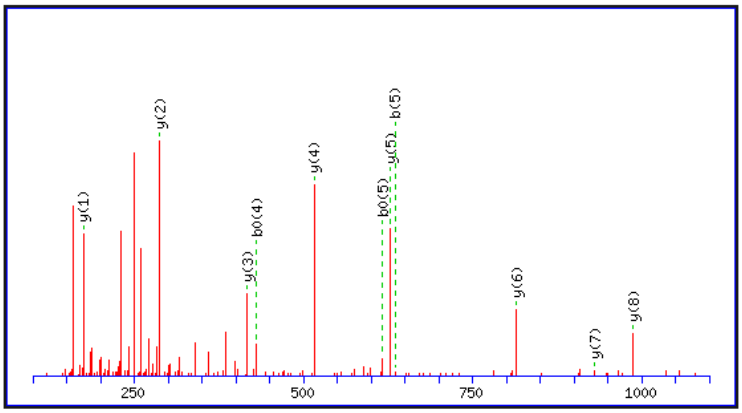
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			L							11
2	**277.15**	139.08			Y	**1126.52**	563.76	1109.49	555.25	**1108.51**	554.76	10
3	392.18	196.59	374.17	187.59	D	**963.45**	482.23	946.43	473.72	**945.44**	473.22	9
4	449.20	225.11	431.19	216.10	G	**848.43**	424.72	**831.40**	416.20	830.42	415.71	8
5	536.24	268.62	518.22	259.62	S	**791.40**	396.21	774.38	387.69	773.39	387.20	7
6	651.26	326.13	633.25	317.13	D	**704.37**	352.69	**687.35**	344.18	686.36	343.68	6
7	764.35	382.68	746.34	373.67	I	**589.35**	295.18	**572.32**	286.66			5
8	821.37	411.19	803.36	**402.18**	G	**476.26**	238.63	**459.24**	230.12			4
9	918.42	459.71	900.41	450.71	P	**419.24**	210.12	**402.21**	201.61			3
10	1065.49	533.25	1047.48	524.24	F	322.19	161.60	305.16	153.08			2
11					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID1082 **SPDDLQLVVK**



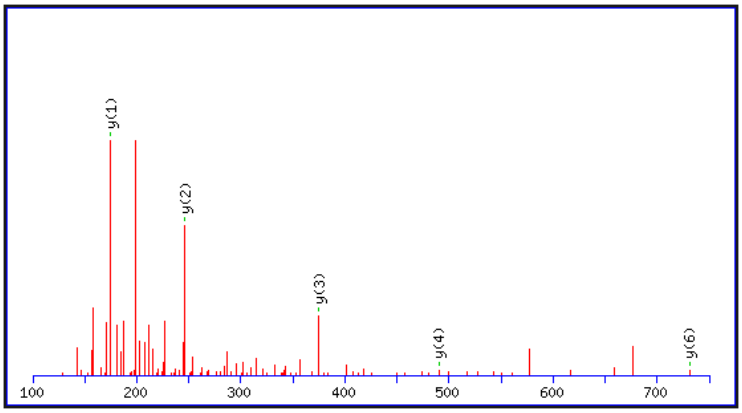
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	88.04	44.52			70.03	35.52	S							10
2	**185.09**	93.05			167.08	84.04	P	1026.58	513.80	1009.56	505.28	1008.57	504.79	9
3	**300.12**	150.56			282.11	141.56	D	**929.53**	465.27	912.50	456.76	911.52	456.26	8
4	415.15	208.08			397.14	199.07	D	**814.50**	407.76	797.48	399.24	796.49	398.75	7
5	528.23	264.62			510.22	255.61	L	**699.48**	350.24	682.45	341.73			6
6	656.29	328.65	639.26	320.13	638.28	319.64	Q	586.39	293.70	569.37	285.19			5
7	769.37	385.19	752.35	376.68	751.36	376.18	L	**458.33**	229.67	441.31	221.16			4
8	868.44	434.72	851.41	426.21	850.43	425.72	V	**345.25**	173.13	328.22	164.62			3
9	967.51	484.26	950.48	475.75	949.50	475.25	V	**246.18**	123.59	229.15	115.08			2
10							K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID1085 **EFGDWLVEIR**



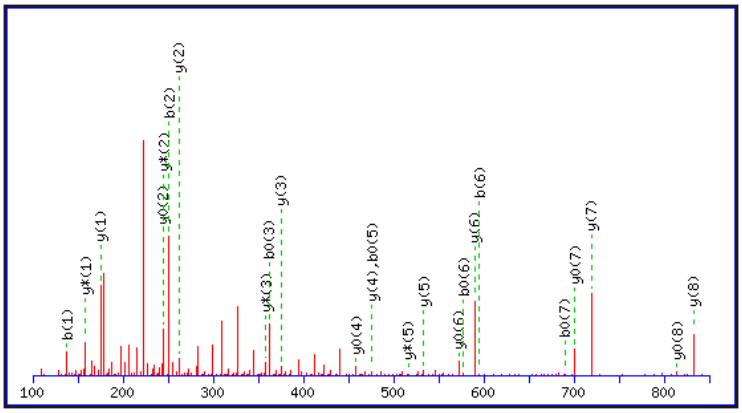
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	130.05	65.53	112.04	56.52	E							10
2	277.12	139.06	259.11	130.06	F	1134.59	567.80	1117.57	559.29	1116.58	558.80	9
3	334.14	167.57	316.13	158.57	G	**987.53**	494.27	970.50	485.75	969.52	485.26	8
4	449.17	225.09	**431.16**	216.08	D	**930.50**	465.76	913.48	457.24	912.49	456.75	7
5	**635.25**	318.13	**617.24**	309.12	W	**815.48**	408.24	798.45	399.73	797.47	399.24	6
6	748.33	374.67	730.32	365.66	L	**629.40**	315.20	612.37	306.69	611.39	306.20	5
7	847.40	424.20	829.39	415.20	V	**516.31**	258.66	499.29	250.15	498.30	249.66	4
8	976.44	488.72	958.43	479.72	E	**417.25**	209.13	400.22	200.61	399.24	200.12	3
9	1089.53	545.27	1071.51	536.26	I	**288.20**	144.61	271.18	136.09			2
10					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID1086 **IGKLDEAR**



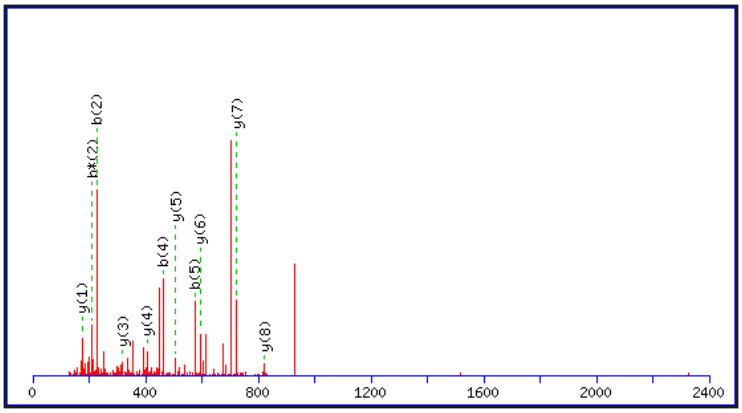
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					I							8
2	171.11	86.06					G	788.43	394.72	771.40	386.20	770.42	385.71	7
3	299.21	150.11	282.18	141.59			K	**731.40**	366.21	714.38	357.69	713.39	357.20	6
4	412.29	206.65	395.27	198.14			L	603.31	302.16	586.28	293.65	585.30	293.15	5
5	527.32	264.16	510.29	255.65	509.31	255.16	D	**490.23**	245.62	473.20	237.10	472.22	236.61	4
6	656.36	328.68	639.33	320.17	638.35	319.68	E	**375.20**	188.10	358.17	179.59	357.19	179.10	3
7	727.40	364.20	710.37	355.69	709.39	355.20	A	**246.16**	123.58	229.13	115.07			2
8							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID1087 **HLEGGTISR**



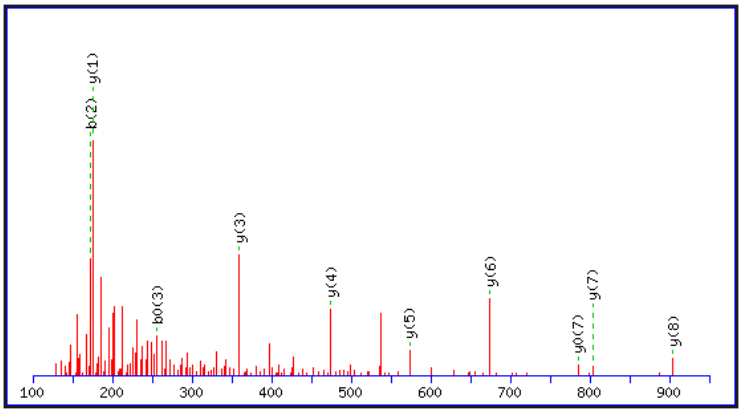
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	**138.07**	69.54			H							9
2	**251.15**	126.08			L	**832.45**	416.73	815.43	408.22	**814.44**	407.72	8
3	380.19	190.60	**362.18**	181.59	E	**719.37**	360.19	702.34	351.67	**701.36**	351.18	7
4	437.21	219.11	419.20	210.11	G	**590.33**	295.67	573.30	287.15	**572.32**	286.66	6
5	494.24	247.62	**476.23**	238.62	G	**533.30**	267.16	**516.28**	258.64	515.29	258.15	5
6	**595.28**	298.15	**577.27**	289.14	T	**476.28**	238.64	459.26	230.13	**458.27**	229.64	4
7	708.37	354.69	**690.36**	345.68	I	**375.24**	188.12	**358.21**	179.61	357.22	179.12	3
8	795.40	398.20	777.39	389.20	S	**262.15**	131.58	**245.12**	123.07	**244.14**	122.57	2
9					R	**175.12**	88.06	**158.09**	79.55			1

MS/MS Fragmentation of ID1094 **ARPHLVESTSGSR**



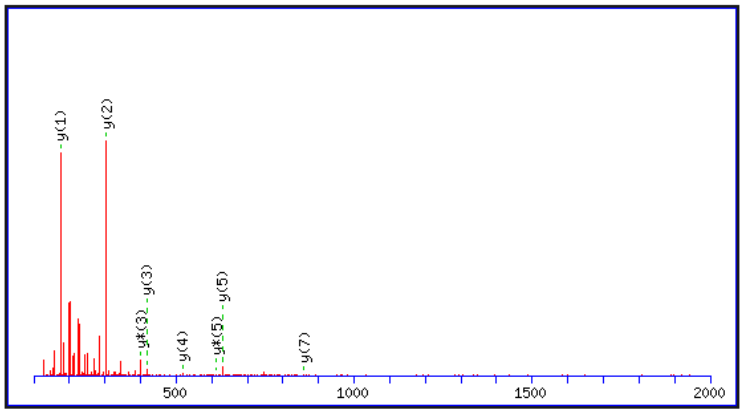
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53					A							13
2	**228.15**	114.58	**211.12**	106.06			R	1325.69	663.35	1308.67	654.84	1307.68	654.34	12
3	325.20	163.10	308.17	154.59			P	1169.59	585.30	1152.56	576.79	1151.58	576.29	11
4	**462.26**	231.63	445.23	223.12			H	1072.54	536.77	1055.51	528.26	1054.53	527.77	10
5	**575.34**	288.17	558.31	279.66			L	935.48	468.24	918.45	459.73	917.47	459.24	9
6	674.41	337.71	657.38	329.20			V	**822.40**	411.70	805.37	403.19	804.38	402.70	8
7	803.45	402.23	786.43	393.72	785.44	393.22	E	**723.33**	362.17	706.30	353.65	705.32	353.16	7
8	890.48	445.75	873.46	437.23	872.47	436.74	S	**594.28**	297.65	577.26	289.13	576.27	288.64	6
9	991.53	496.27	974.51	487.76	973.52	487.26	T	**507.25**	254.13	490.23	245.62	489.24	245.12	5
10	1078.56	539.79	1061.54	531.27	1060.55	530.78	S	**406.20**	203.61	389.18	195.09	388.19	194.60	4
11	1135.59	568.30	1118.56	559.78	1117.57	559.29	G	**319.17**	160.09	302.15	151.58	301.16	151.08	3
12	1222.62	611.81	1205.59	603.30	1204.61	602.81	S	262.15	131.58	245.12	123.07	244.14	122.57	2
13							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID1095 **ATTETVDALR**



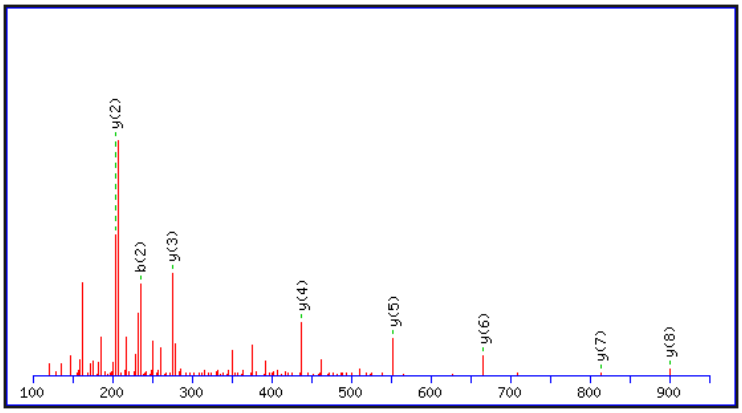
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53			A							10
2	**173.09**	87.05	155.08	78.04	T	1005.52	503.26	988.49	494.75	987.51	494.26	9
3	274.14	137.57	**256.13**	128.57	T	**904.47**	452.74	887.45	444.23	886.46	443.74	8
4	403.18	202.09	385.17	193.09	E	**803.43**	402.22	786.40	393.70	**785.42**	393.21	7
5	504.23	252.62	486.22	243.61	T	**674.38**	337.70	657.36	329.18	656.37	328.69	6
6	603.30	302.15	585.29	293.15	V	**573.34**	287.17	556.31	278.66	555.32	278.17	5
7	718.33	359.67	700.31	350.66	D	**474.27**	237.64	457.24	229.12	456.26	228.63	4
8	789.36	395.18	771.35	386.18	A	**359.24**	180.12	342.21	171.61			3
9	902.45	451.73	884.44	442.72	L	288.20	144.61	271.18	136.09			2
10					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID1098 **ATKIVDQR**



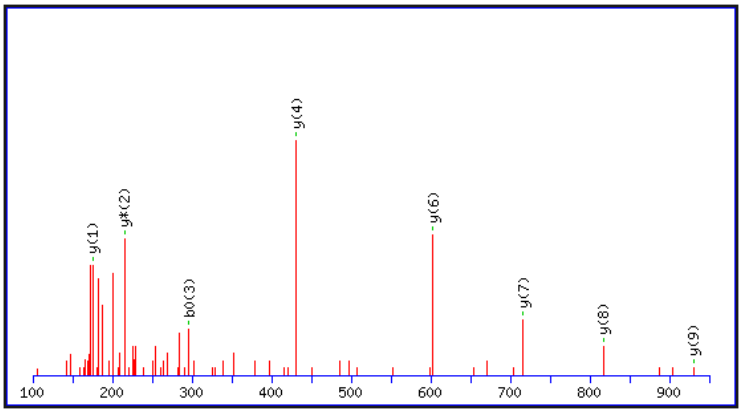
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.05	57.53					A							8
2	215.10	108.05			197.09	99.05	T	**859.50**	430.25	842.47	421.74	841.49	421.25	7
3	343.20	172.10	326.17	163.59	325.19	163.10	K	758.45	379.73	741.43	371.22	740.44	370.72	6
4	456.28	228.64	439.26	220.13	438.27	219.64	I	**630.36**	315.68	**613.33**	307.17	612.35	306.68	5
5	555.35	278.18	538.32	269.67	537.34	269.17	V	**517.27**	259.14	500.25	250.63	499.26	250.13	4
6	670.38	335.69	653.35	327.18	652.37	326.69	D	**418.20**	209.61	**401.18**	201.09	400.19	200.60	3
7	798.44	399.72	781.41	391.21	780.43	390.72	Q	**303.18**	152.09	286.15	143.58			2
8							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID1099 **FSFLDYAGK**



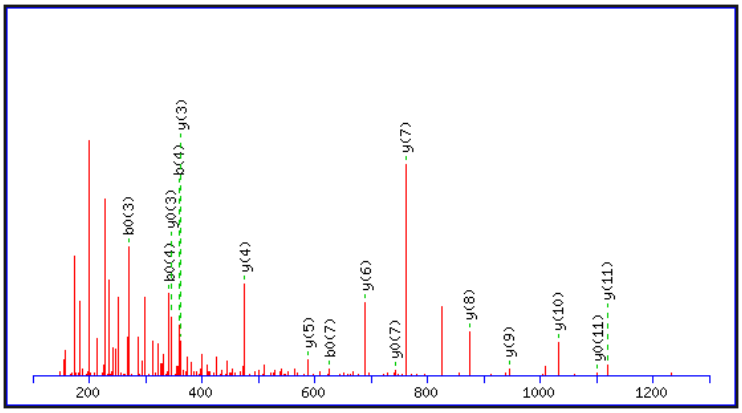
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	148.08	74.54			F							9
2	**235.11**	118.06	217.10	109.05	S	**900.45**	450.73	883.42	442.21	882.44	441.72	8
3	382.18	191.59	364.17	182.59	F	**813.41**	407.21	796.39	398.70	795.40	398.21	7
4	495.26	248.13	477.25	239.13	L	**666.35**	333.68	649.32	325.16	648.34	324.67	6
5	610.29	305.65	592.28	296.64	D	**553.26**	277.13	536.24	268.62	535.25	268.13	5
6	773.35	387.18	755.34	378.17	Y	**438.23**	219.62	421.21	211.11			4
7	844.39	422.70	826.38	413.69	A	**275.17**	138.09	258.14	129.58			3
8	901.41	451.21	883.40	442.20	G	**204.13**	102.57	187.11	94.06			2
9					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID1101 **ISLTLGDAQGR**



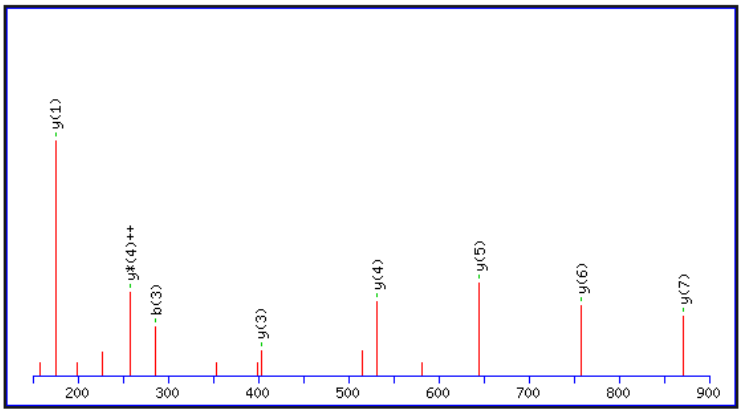
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55					I							11
2	201.12	101.07			183.11	92.06	S	1017.53	509.27	1000.51	500.76	999.52	500.26	10
3	314.21	157.61			**296.20**	148.60	L	**930.50**	465.75	913.47	457.24	912.49	456.75	9
4	415.26	208.13			397.24	199.13	T	**817.42**	409.21	800.39	400.70	799.41	400.21	8
5	528.34	264.67			510.33	255.67	L	**716.37**	358.69	699.34	350.17	698.36	349.68	7
6	585.36	293.18			567.35	284.18	G	**603.28**	302.15	586.26	293.63	585.27	293.14	6
7	700.39	350.70			682.38	341.69	D	546.26	273.64	529.24	265.12	528.25	264.63	5
8	771.42	386.22			753.41	377.21	A	**431.24**	216.12	414.21	207.61			4
9	899.48	450.25	882.46	441.73	881.47	441.24	Q	360.20	180.60	343.17	172.09			3
10	956.50	478.76	939.48	470.24	938.49	469.75	G	232.14	116.57	**215.11**	108.06			2
11							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID1103 **LSSAIATILESK**



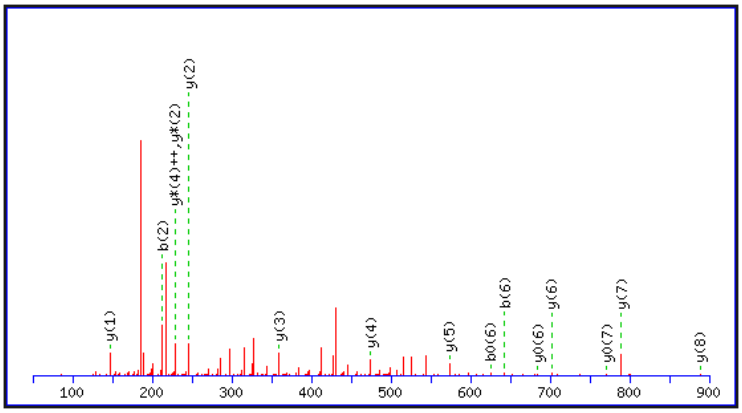
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			L							12
2	201.12	101.07	183.11	92.06	S	**1119.63**	560.32	1102.60	551.80	**1101.61**	551.31	11
3	288.16	144.58	**270.14**	135.58	S	**1032.59**	516.80	1015.57	508.29	1014.58	507.80	10
4	**359.19**	180.10	**341.18**	171.09	A	**945.56**	473.28	928.53	464.77	927.55	464.28	9
5	472.28	236.64	454.27	227.64	I	**874.52**	437.77	857.50	429.25	856.51	428.76	8
6	543.31	272.16	525.30	263.16	A	**761.44**	381.22	744.41	372.71	**743.43**	372.22	7
7	644.36	322.68	**626.35**	313.68	T	**690.40**	345.71	673.38	337.19	672.39	336.70	6
8	757.45	379.23	739.43	370.22	I	**589.36**	295.18	572.33	286.67	571.34	286.18	5
9	870.53	435.77	852.52	426.76	L	**476.27**	238.64	459.24	230.13	458.26	229.63	4
10	999.57	500.29	981.56	491.28	E	**363.19**	182.10	346.16	173.58	**345.18**	173.09	3
11	1086.60	543.81	1068.59	534.80	S	234.14	117.58	217.12	109.06	216.13	108.57	2
12					K	147.11	74.06	130.09	65.55			1

MS/MS Fragmentation of ID1107 **DGILLLELDR**



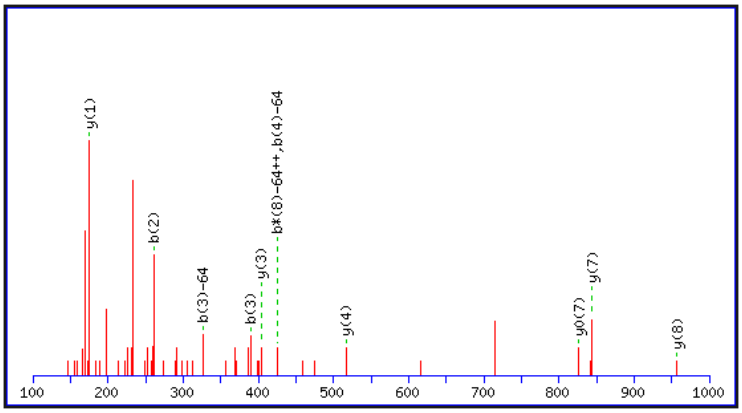
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	116.03	58.52	98.02	49.52	D							10
2	173.06	87.03	155.05	78.03	G	1041.63	521.32	1024.60	512.81	1023.62	512.31	9
3	**286.14**	143.57	268.13	134.57	I	984.61	492.81	967.58	484.29	966.60	483.80	8
4	399.22	200.12	381.21	191.11	L	**871.52**	436.27	854.50	427.75	853.51	427.26	7
5	512.31	256.66	494.30	247.65	L	**758.44**	379.72	741.41	371.21	740.43	370.72	6
6	625.39	313.20	607.38	304.19	L	**645.36**	323.18	628.33	314.67	627.35	314.18	5
7	754.43	377.72	736.42	368.72	E	**532.27**	266.64	515.25	**258.13**	514.26	257.63	4
8	867.52	434.26	849.51	425.26	L	**403.23**	202.12	386.20	193.61	385.22	193.11	3
9	982.55	491.78	964.53	482.77	D	290.15	145.58	273.12	137.06	272.14	136.57	2
10					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID1109 **LVSEVDLVK**



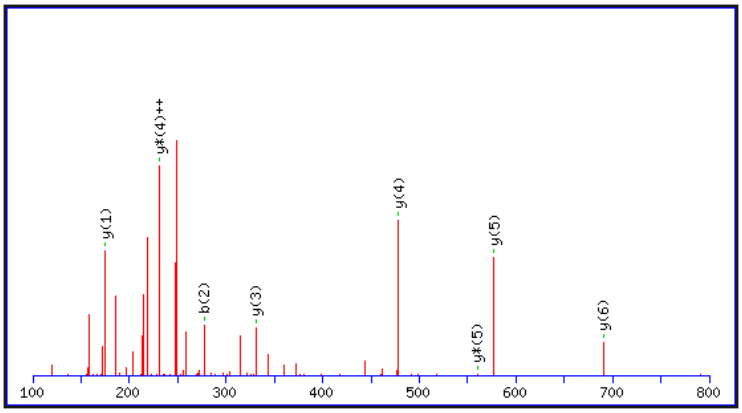
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	114.09	57.55			L							9
2	**213.16**	107.08			V	**888.50**	444.76	871.48	436.24	870.49	435.75	8
3	300.19	150.60	282.18	141.59	S	**789.44**	395.22	772.41	386.71	**771.42**	386.22	7
4	429.23	215.12	411.22	206.12	E	**702.40**	351.71	685.38	343.19	**684.39**	342.70	6
5	528.30	264.66	510.29	255.65	V	**573.36**	287.18	556.33	278.67	555.35	278.18	5
6	**643.33**	322.17	**625.32**	313.16	D	**474.29**	237.65	457.27	**229.14**	456.28	228.64	4
7	756.41	378.71	738.40	369.71	L	**359.27**	180.14	342.24	171.62			3
8	855.48	428.24	837.47	419.24	V	**246.18**	123.59	**229.15**	115.08			2
9					K	**147.11**	74.06	130.09	65.55			1

MS/MS Fragmentation of ID1111 **MIEVVLNDR**



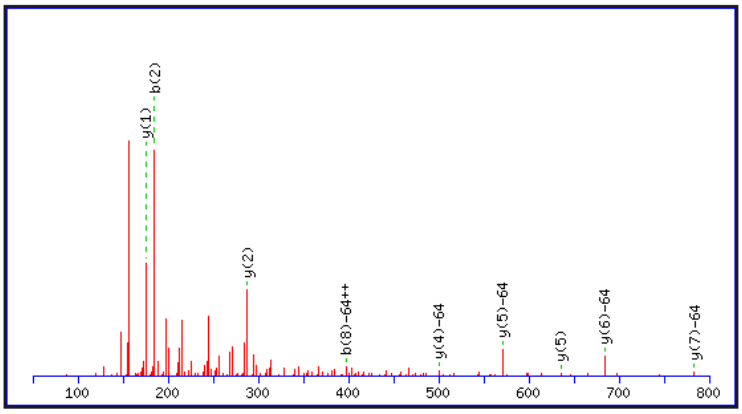
#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	84.04	42.53					M							9
2	197.13	99.07					I	**957.54**	479.27	940.51	470.76	939.53	470.27	8
3	**326.17**	163.59			308.16	154.58	E	**844.45**	422.73	827.43	414.22	**826.44**	413.72	7
4	**425.24**	213.12			407.23	204.12	V	715.41	358.21	698.38	349.70	697.40	349.20	6
5	524.31	262.66			506.30	253.65	V	616.34	308.67	599.31	300.16	598.33	299.67	5
6	637.39	319.20			619.38	310.19	L	**517.27**	259.14	500.25	250.63	499.26	250.13	4
7	751.43	376.22	734.41	367.71	733.42	367.22	N	**404.19**	202.60	387.16	194.08	386.18	193.59	3
8	866.46	433.73	849.44	**425.22**	848.45	424.73	D	290.15	145.58	273.12	137.06	272.14	136.57	2
9							R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID1117 **EFIVFVGR**



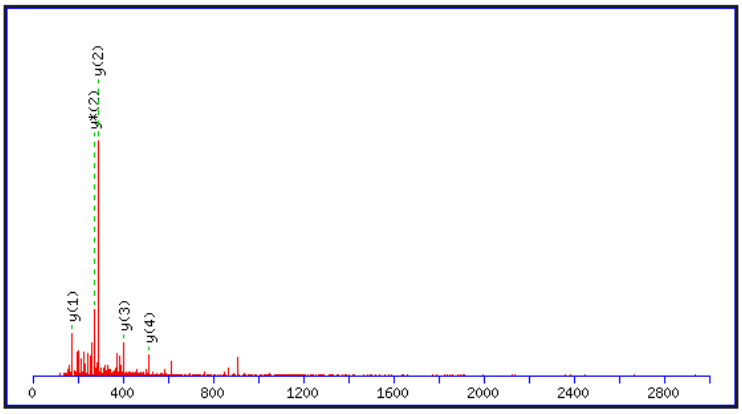
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	#
1	130.05	65.53	112.04	56.52	E					8
2	**277.12**	139.06	259.11	130.06	F	837.50	419.25	820.47	410.74	7
3	390.20	195.60	372.19	186.60	I	**690.43**	345.72	673.40	337.21	6
4	489.27	245.14	471.26	236.13	V	**577.35**	289.18	**560.32**	280.66	5
5	636.34	318.67	618.33	309.67	F	**478.28**	239.64	461.25	**231.13**	4
6	735.41	368.21	717.40	359.20	V	**331.21**	166.11	314.18	157.59	3
7	792.43	396.72	774.42	387.71	G	232.14	116.57	215.11	108.06	2
8					R	**175.12**	88.06	158.09	79.55	1

MS/MS Fragmentation of ID1120 **ALVLAMEIR**



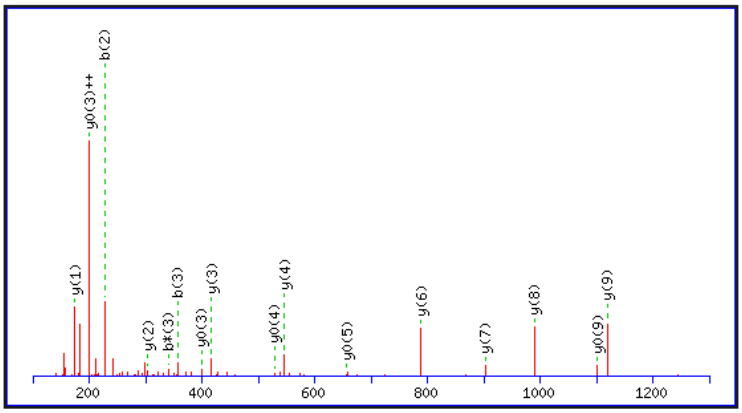
#	b	b^{++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	72.04	36.53			A							9
2	**185.13**	93.07			L	896.56	448.78	879.53	440.27	878.55	439.78	8
3	284.20	142.60			V	**783.47**	392.24	766.45	383.73	765.46	383.23	7
4	397.28	199.14			L	**684.40**	342.71	667.38	334.19	666.39	333.70	6
5	468.32	234.66			A	**571.32**	286.16	554.29	277.65	553.31	277.16	5
6	551.36	276.18			M	**500.28**	250.65	483.26	242.13	482.27	241.64	4
7	680.40	340.70	662.39	331.70	E	417.25	209.13	400.22	200.61	399.24	200.12	3
8	793.48	**397.24**	775.47	388.24	I	**288.20**	144.61	271.18	136.09			2
9					R	**175.12**	88.06	158.09	79.55			1

MS/MS Fragmentation of ID1121 **MLDNR**



#	b	b*	b^0	Seq.	y	y*	y^0	#
1	84.04			M				5
2	197.13			L	517.27	500.25	499.26	4
3	312.16		294.14	D	404.19	387.16	386.18	3
4	426.20	409.17	408.19	N	289.16	272.14		2
5				R	175.12	158.09		1

MS/MS Fragmentation of ID1122 **NLESDLEELER**



#	b	b^{++}	b*	b^{*++}	b^{0}	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^{0}	y^{0++}	#
1	115.05	58.03	98.02	49.52			N							11
2	**228.13**	114.57	211.11	106.06			L	1232.60	616.80	1215.57	608.29	1214.59	607.80	10
3	**357.18**	179.09	**340.15**	170.58	339.17	170.09	E	**1119.52**	560.26	1102.49	551.75	**1101.51**	551.26	9
4	444.21	222.61	427.18	214.09	426.20	213.60	S	**990.47**	495.74	973.45	487.23	972.46	486.74	8
5	559.24	280.12	542.21	271.61	541.23	271.12	D	**903.44**	452.22	886.42	443.71	885.43	443.22	7
6	672.32	336.66	655.29	328.15	654.31	327.66	L	**788.41**	394.71	771.39	386.20	770.40	385.71	6
7	801.36	401.18	784.34	392.67	783.35	392.18	E	675.33	338.17	658.30	329.66	**657.32**	329.16	5
8	930.41	465.71	913.38	457.19	912.39	456.70	E	**546.29**	273.65	529.26	265.13	**528.28**	264.64	4
9	1043.49	522.25	1026.46	513.73	1025.48	513.24	L	**417.25**	209.13	400.22	200.61	**399.24**	**200.12**	3
10	1172.53	586.77	1155.51	578.26	1154.52	577.76	E	**304.16**	152.58	287.13	144.07	286.15	143.58	2
11							R	**175.12**	88.06	158.09	79.55			1