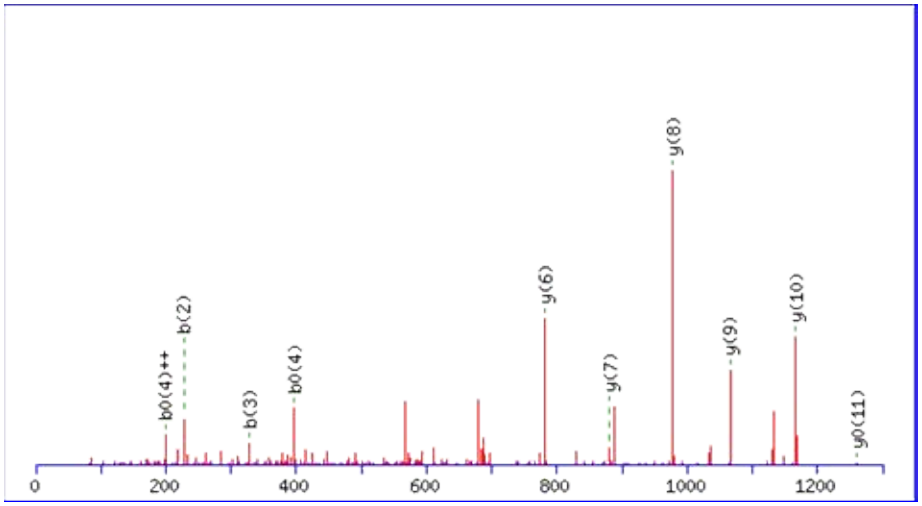
Mascot Search Results

Peptide View

MS/MS Fragmentation of **LLTSPVPLFYSR**
Found in **gi|219119979|ref|XP_002180738.1|**, predicted protein [Phaeodactylum tricornutum CCAP 1055/1]

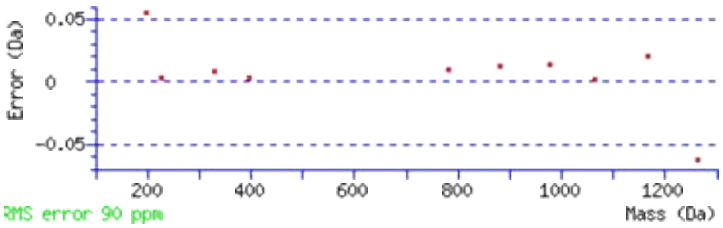
Match to Query 1096: 1391.765690 from(696.890121,2+)
Title: File: 110311_BN8Pt.wiff, Sample: 110311_BN8Pt (sample number 1), Elution: 31.978 min, Period: 1, Cycle(s): 1217 (Experiment 2)
Data file D:\Irina\110311_Irina\110311_BN8Pt.wiff

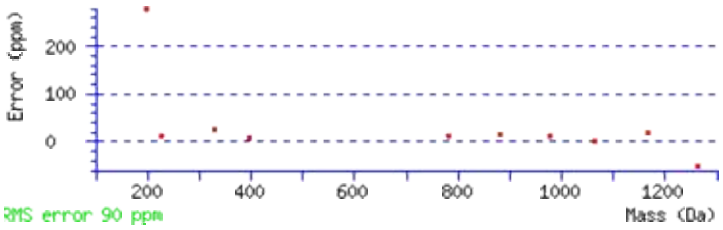
Click mouse within plot area to zoom in by factor of two about that point
Or, Plot from 0 to 1300 Da Full range



Monoisotopic mass of neutral peptide Mr(calc): 1391.7813
Ions Score: 39 **Expect:** 0.0052
Matches (Bold Red): 10/104 fragment ions using 17 most intense peaks

#	b	b^{++}	b^0	b^{0++}	Seq.	y	y^{++}	y*	y^{*++}	y^0	y^{0++}	#
1	114.0913	57.5493			L							12
2	**227.1754**	114.0913			L	1279.7045	640.3559	1262.6780	631.8426	**1261.6939**	631.3506	11
3	**328.2231**	164.6152	310.2125	155.6099	T	**1166.6204**	583.8139	1149.5939	575.3006	1148.6099	574.8086	10
4	415.2551	208.1312	**397.2445**	**199.1259**	S	**1065.5728**	533.2900	1048.5462	524.7767	1047.5622	524.2847	9
5	512.3079	256.6576	494.2973	247.6523	P	**978.5407**	489.7740	961.5142	481.2607	960.5302	480.7687	8
6	611.3763	306.1918	593.3657	297.1865	V	**881.4880**	441.2476	864.4614	432.7343	863.4774	432.2423	7
7	708.4291	354.7182	690.4185	345.7129	P	**782.4196**	391.7134	765.3930	383.2001	764.4090	382.7081	6
8	821.5131	411.2602	803.5026	402.2549	L	685.3668	343.1870	668.3402	334.6738	667.3562	334.1817	5
9	968.5815	484.7944	950.5710	475.7891	F	572.2827	286.6450	555.2562	278.1317	554.2722	277.6397	4
10	1131.6449	566.3261	1113.6343	557.3208	Y	425.2143	213.1108	408.1878	204.5975	407.2037	204.1055	3
11	1218.6769	609.8421	1200.6663	600.8368	S	262.1510	131.5791	245.1244	123.0659	244.1404	122.5738	2
12					R	175.1190	88.0631	158.0924	79.5498			1





NCBI **BLAST** search of LLTSPVPLFYSR
(Parameters: blastp, nr protein database, expect=20000, no filter, PAM30)
Other BLAST web gateways

All matches to this query

Score	Mr(calc):	Delta	Sequence
39.4	1391.7813	-0.0156	LLTSPVPLFYSR
9.4	1391.7813	-0.0156	LIDGLVPAYYLR
2.0	1391.6908	0.0749	IIEPCFVHYSK
2.0	1391.7773	-0.0116	ILGIGVHEQDALK
1.9	1391.7772	-0.0115	ILTRAQAYISEK
1.4	1391.7772	-0.0115	ALANIELGVDHLK

Mascot: http://www.matrixscience.com/