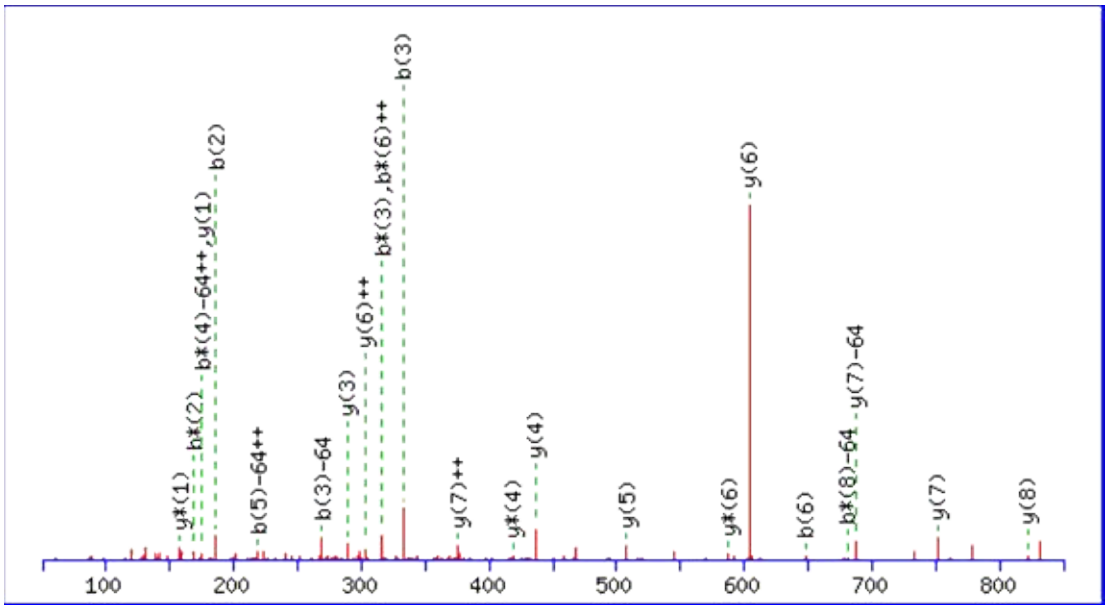
Mascot Search Results

Peptide View

MS/MS Fragmentation of **NAMPAFGGR**
Found in **gi|224006027|ref|XP_002291974.1|**, hypothetical protein THAPSDRAFT_35934 [Thalassiosira pseudonana CCMP1335]

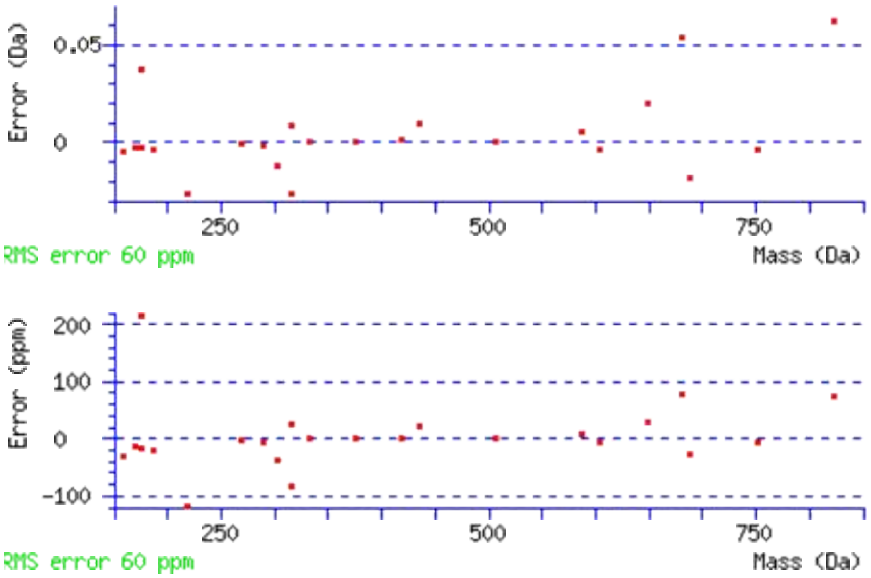
Match to Query 507: 935.410346 from(468.712449,2+)
Title: File: 110321_BN9.wiff, Sample: 110321_BN9 (sample number 1), Elution: 20.81 min, Period: 1, Cycle(s): 939 (Experiment 3)
Data file D:\Irina\110321_Irina\110321_BN9.wiff

Click mouse within plot area to zoom in by factor of two about that point
Or, Plot from 50 to 850 Da Full range



Monoisotopic mass of neutral peptide Mr(calc): 935.4283
Variable modifications:
M3 : Oxidation (M), with neutral losses 0.0000(shown in table), 63.9983
Ions Score: 37 **Expect:** 0.011
Matches (Bold Red): 23/96 fragment ions using 46 most intense peaks

#	b	b^{++}	b*	b^{*++}	Seq.	y	y^{++}	y*	y^{*++}	#
1	115.0502	58.0287	98.0237	49.5155	N					9
2	**186.0873**	93.5473	**169.0608**	85.0340	A	**822.3927**	411.7000	805.3661	403.1867	8
3	**333.1227**	167.0650	**316.0962**	158.5517	M	**751.3556**	**376.1814**	734.3290	367.6682	7
4	430.1755	215.5914	413.1489	207.0781	P	**604.3202**	**302.6637**	**587.2936**	294.1504	6
5	501.2126	251.1099	484.1860	242.5967	A	**507.2674**	254.1373	490.2409	245.6241	5
6	**648.2810**	324.6441	631.2545	**316.1309**	F	**436.2303**	218.6188	**419.2037**	210.1055	4
7	705.3025	353.1549	688.2759	344.6416	G	**289.1619**	145.0846	272.1353	136.5713	3
8	762.3239	381.6656	745.2974	373.1523	G	232.1404	116.5738	215.1139	108.0606	2
9					R	**175.1190**	88.0631	**158.0924**	79.5498	1



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

All matches to this query

Score	Mr(calc):	Delta	Sequence
36.5	935.4283	-0.0180	NAMPAFGGR
18.7	935.4977	-0.0874	ANFPGFRK
14.7	935.3767	0.0337	SNLDDCGGR
10.0	935.5189	-0.1085	GQFLTKSR
7.8	935.4131	-0.0027	SLDNSNMR
7.6	935.4858	-0.0755	SAKMGIASR
1.9	935.5036	-0.0932	SASSTLRSK
1.8	935.4932	-0.0829	NVMMKVSK
1.6	935.4712	-0.0609	SFAALGGGEK
1.5	935.4243	-0.0139	RDAMNSAR

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