

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
 Data File : BM016860.D
 Acq On : 22 Sep 2018 09:11
 Operator : SJ/JU
 Sample : J5012-10DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 24 01:42:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 24 01:42:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	226444	20.00	ng/ul	0.01
18) Naphthalene-d8	10.50	136	920045	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	484495	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1067905	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1171800	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1241219	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	1773	0.33	ng/uL	0.00
5) Phenol-d5	6.89	99	23822	1.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	83682	7.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	83195	5.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	46749	3.16	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	51323	8.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	46031	8.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	88412	6.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	588	0.03	ng/ul	0.01
44) Dimethylphthalate-d6	13.77	166	314009	8.07	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	335723	6.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	6487	1.02	ng/ul	0.00
58) Fluorene-d10	15.35	176	277084	8.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	24015	5.48	ng/ul	0.00
71) Anthracene-d10	17.20	188	399711	7.76	ng/ul	0.00
79) Pyrene-d10	19.50	212	448266	7.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.38	264	478360	7.39	ng/ul	0.00

Target Compounds

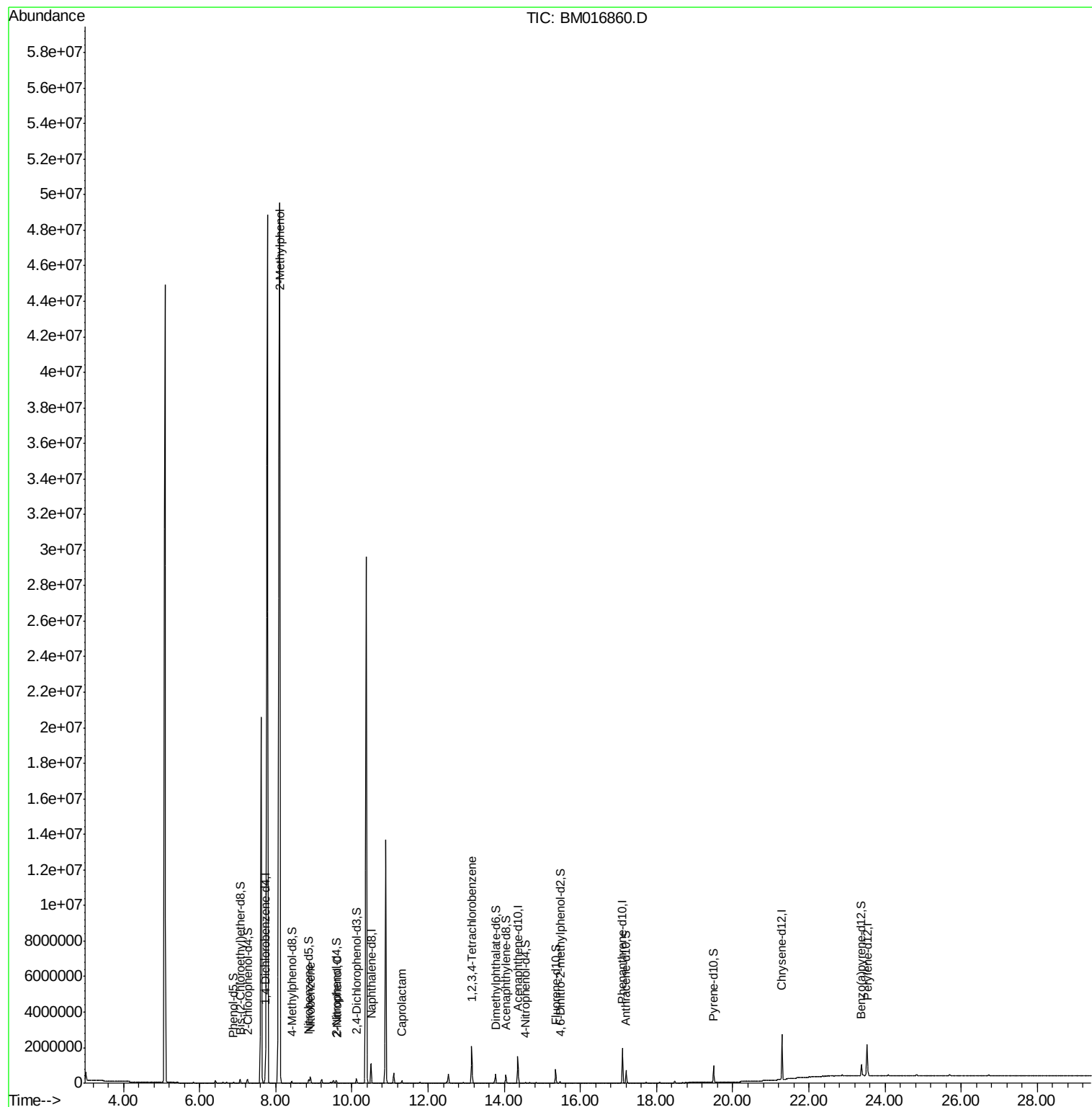
					Ovalue
11) 2-Methylphenol	8.10	108	255401	17.874	ng/ul 97
20) Nitrobenzene	8.91	77	185549	12.134	ng/ul 94
23) 2-Nitrophenol	9.62	139	6627	1.044	ng/ul# 84
32) Caprolactam	11.31	113	10427	2.457	ng/ul# 1
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	623199	35.260	ng/uL 99

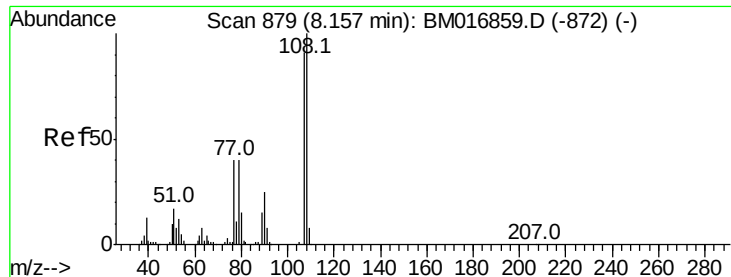
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 17.874 ng/ul

RT: 8.10 min Scan# 870

Delta R.T. -0.05 min

Lab File: BM016860.D

Acq: 22 Sep 2018 09:11

Instrument :

BNA_M

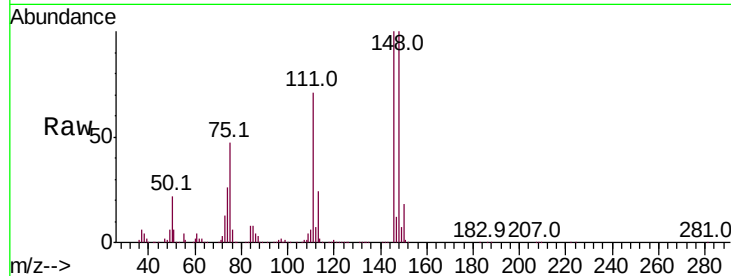
ClientSampled :

Tot Ion:108 Resp: 255401

Ion Ratio Lower Upper

108 100

107 89.7 74.1 111.1

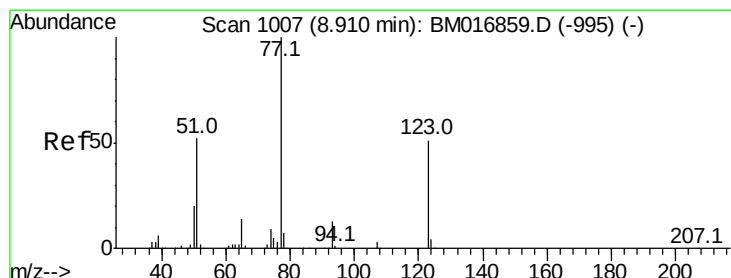
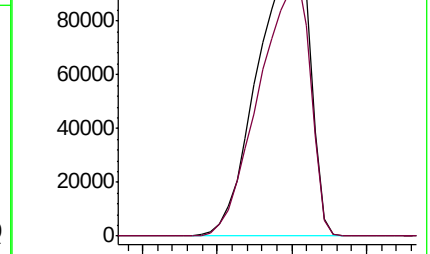
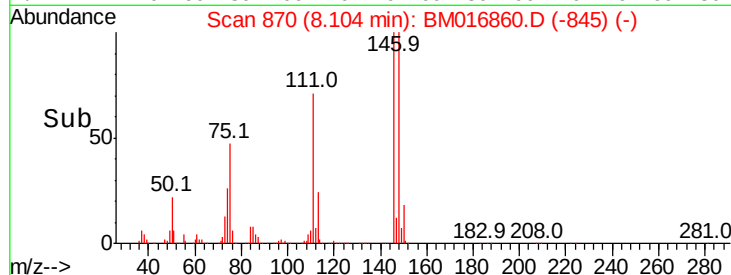


Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.10

Time-->



#20

Nitrobenzene

Concen: 12.134 ng/ul

RT: 8.91 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BM016860.D

Acq: 22 Sep 2018 09:11

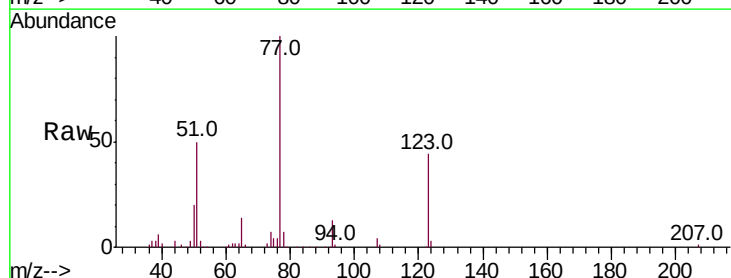
Tgt Ion: 77 Resp: 185549

Ion Ratio Lower Upper

77 100

123 44.3 31.8 47.8

65 14.3 10.6 16.0



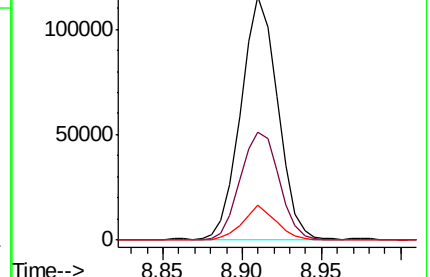
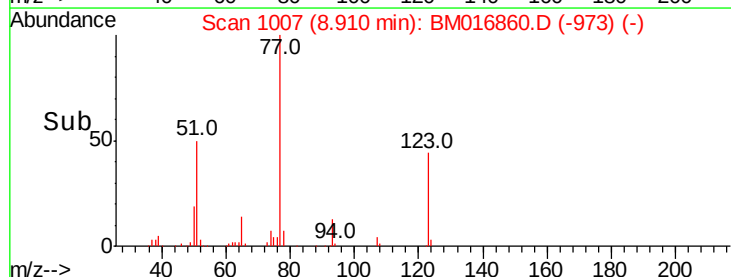
Abundance Ion 77.00 (76.70 to 77.70): BM0

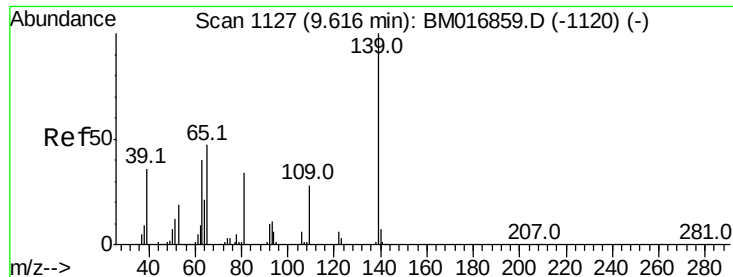
Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0

8.91

Time-->

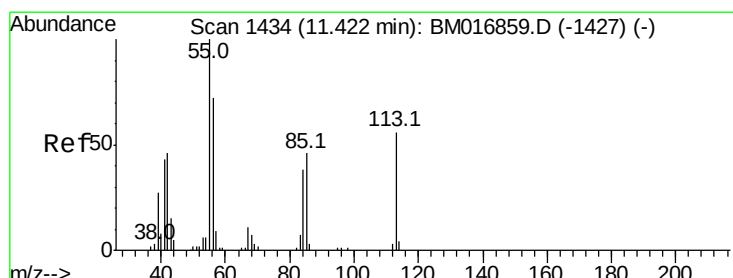
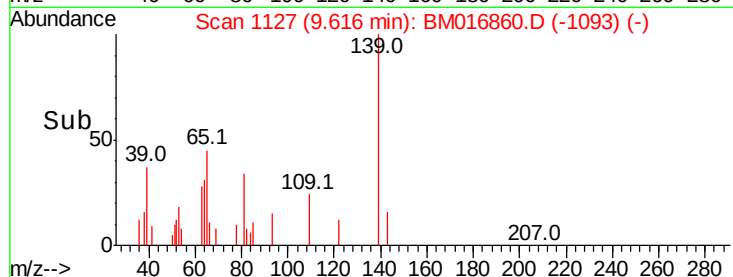
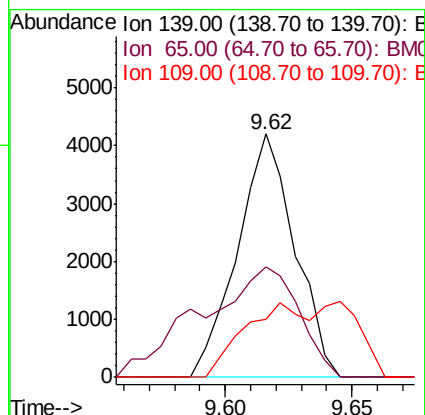
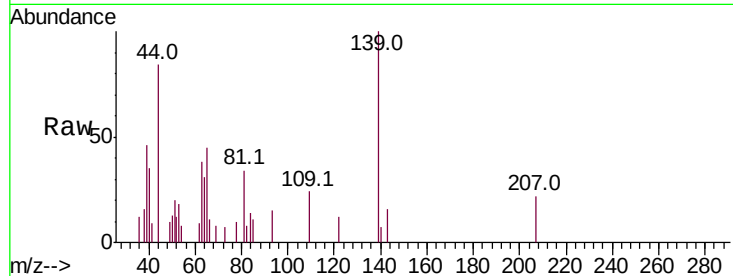




#23
2-Nitrophenol
Concen: 1.044 ng/ul
RT: 9.62 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BM016860.D
Acq: 22 Sep 2018 09:11

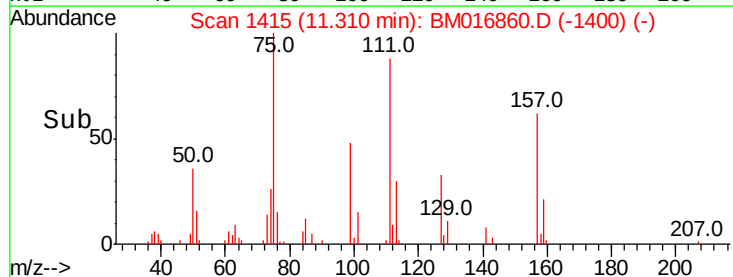
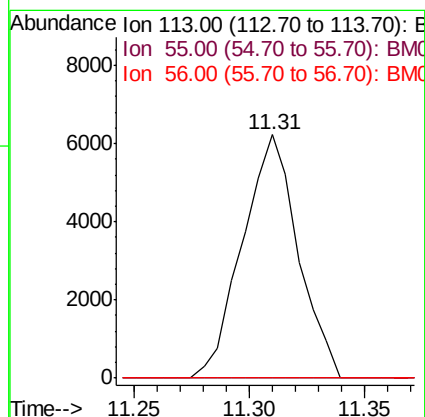
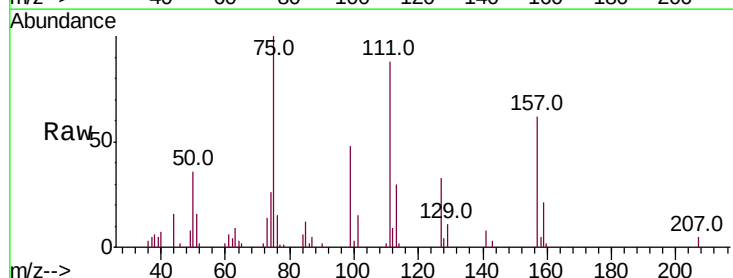
Instrument :
BNA_M
ClientSampled :

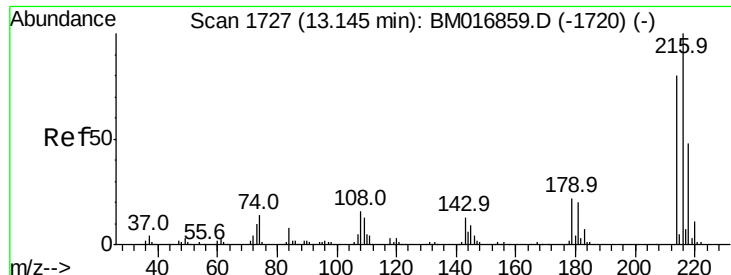
Tot Ion:139 Resp: 6627
Ion Ratio Lower Upper
139 100
65 45.4 45.3 67.9
109 23.9 27.7 41.5#



#32
Caprolactam
Concen: 2.457 ng/ul
RT: 11.31 min Scan# 1415
Delta R.T. -0.11 min
Lab File: BM016860.D
Acq: 22 Sep 2018 09:11

Tgt Ion:113 Resp: 10427
Ion Ratio Lower Upper
113 100
55 0.0 131.7 197.5#
56 0.0 92.7 139.1#





#73

1,2,3,4-Tetrachlorobenzene

Concen: 35.260 ng/uL

RT: 13.15 min Scan# 1727

Delta R.T. 0.00 min

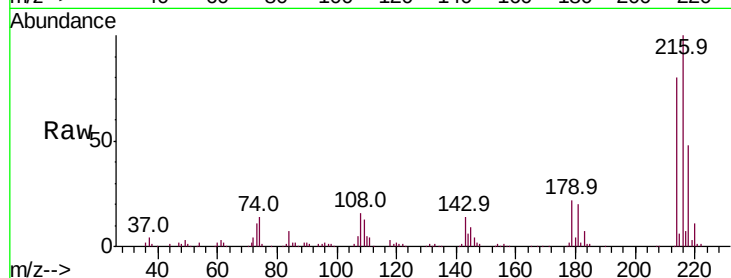
Lab File: BM016860.D

Acq: 22 Sep 2018 09:11

Instrument :

BNA_M

ClientSampleId :



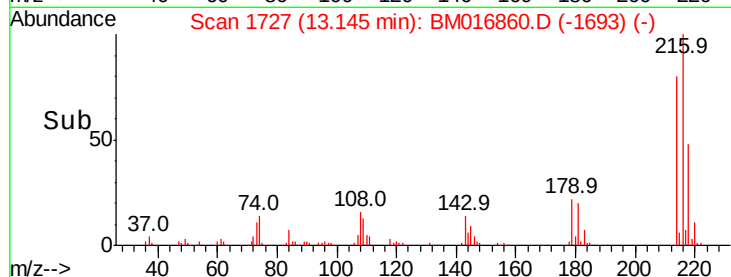
Tot Ion: 216 Resp: 623199

Ion Ratio Lower Upper

216 100

214 80.4 64.1 96.1

218 48.5 39.4 59.0



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

