

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
 Data File : BM016865.D
 Acq On : 22 Sep 2018 12:12
 Operator : SJ/JU
 Sample : J5013-03DL 10X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 24 01:43:19 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	220812	20.00	ng/ul	0.01
18) Naphthalene-d8	10.50	136	887757	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	451131	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	990792	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1110838	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	1171891	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	799	0.15	ng/uL	0.00
5) Phenol-d5	6.89	99	11225	0.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	36179	3.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	34122	2.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	22000	1.53	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	21893	3.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	18337	3.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	35827	2.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	602	0.04	ng/ul	-0.12
44) Dimethylphthalate-d6	13.77	166	132924	3.67	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	144439	3.09	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	2245	0.38	ng/ul	0.00
58) Fluorene-d10	15.35	176	119764	3.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	8300	2.04	ng/ul	0.00
71) Anthracene-d10	17.20	188	168264	3.52	ng/ul	0.00
79) Pyrene-d10	19.50	212	188207	3.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.38	264	206792	3.38	ng/ul	0.00

Target Compounds

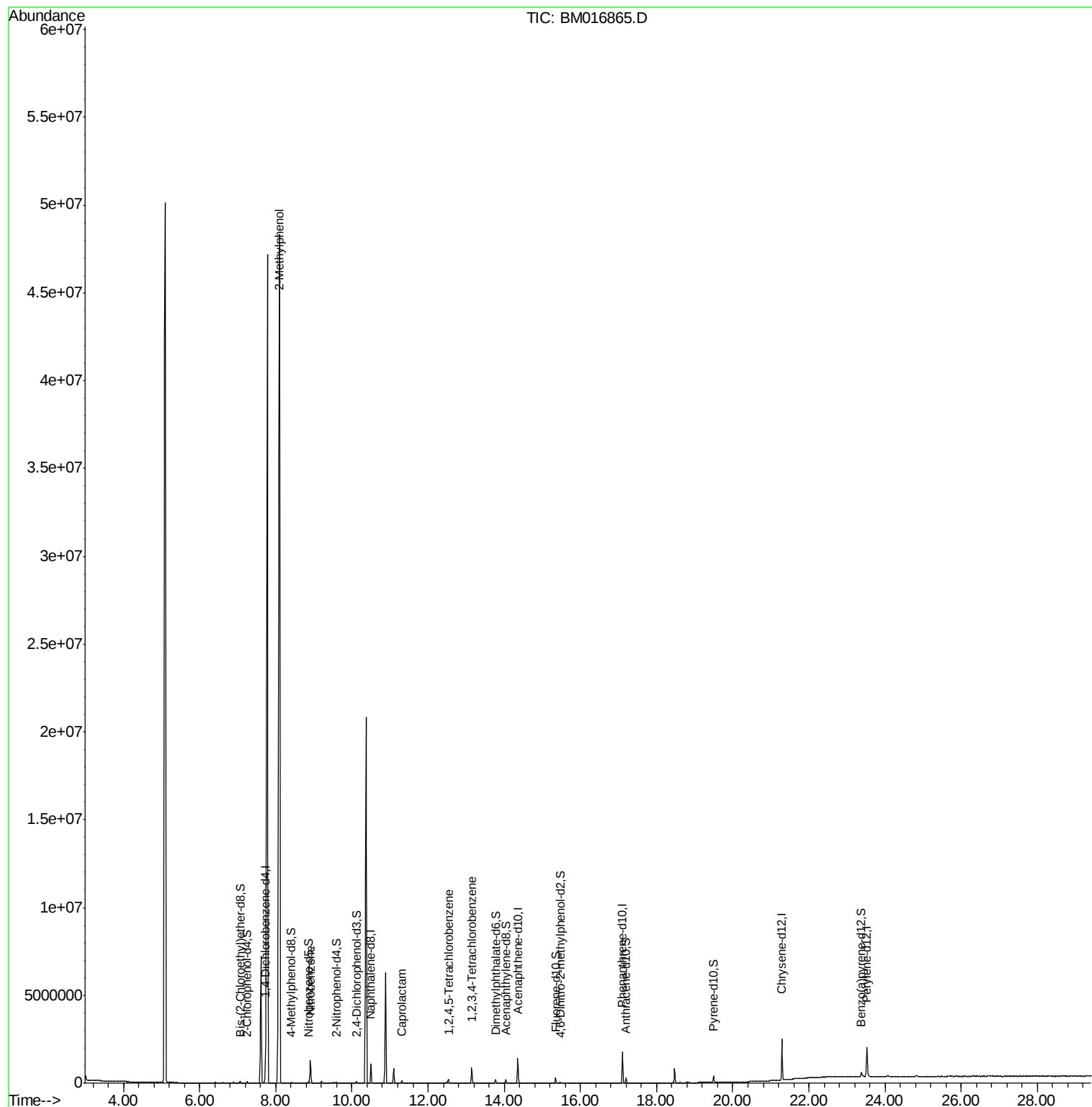
					Ovalue
11) 2-Methylphenol	8.10	108	226922	16.286	ng/ul 96
20) Nitrobenzene	8.91	77	677117	45.890	ng/ul 91
32) Caprolactam	11.30	113	11507	2.810	ng/ul# 1
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	77539	5.005	ng/ul 94
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	272156	16.597	ng/uL 97

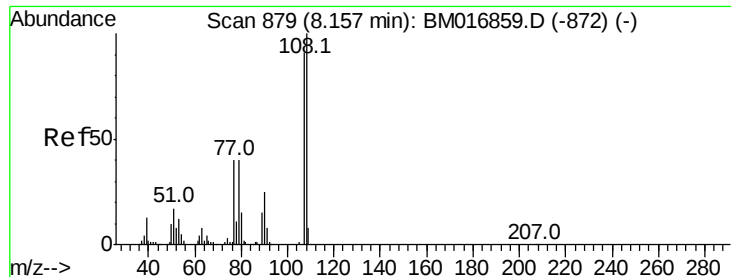
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 16.286 ng/ul

RT: 8.10 min Scan# 869

Delta R.T. -0.06 min

Lab File: BM016865.D

Acq: 22 Sep 2018 12:12

Instrument :

BNA_M

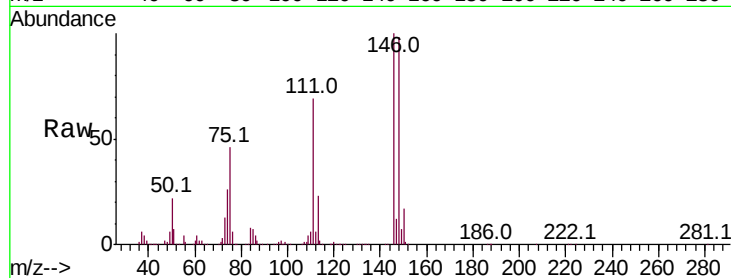
ClientSampleId :

Tot Ion:108 Resp: 226922

Ion Ratio Lower Upper

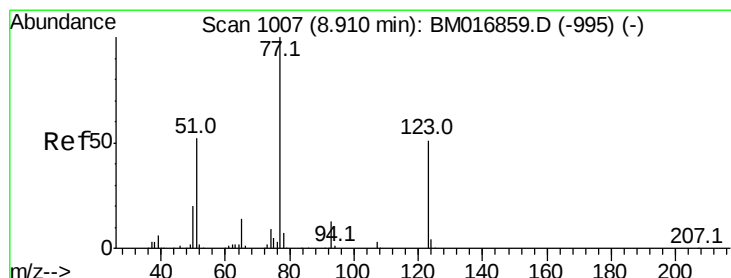
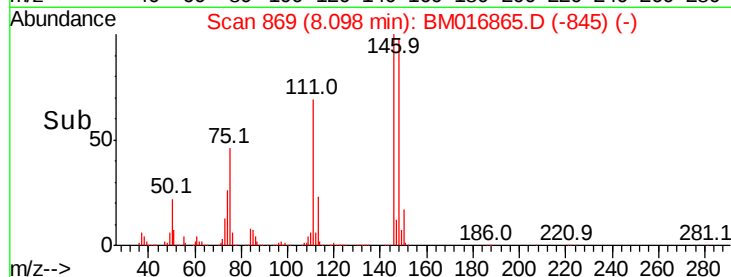
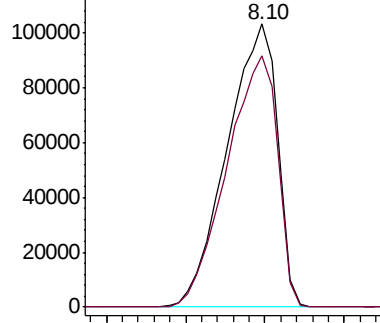
108 100

107 88.9 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#20

Nitrobenzene

Concen: 45.890 ng/ul

RT: 8.91 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BM016865.D

Acq: 22 Sep 2018 12:12

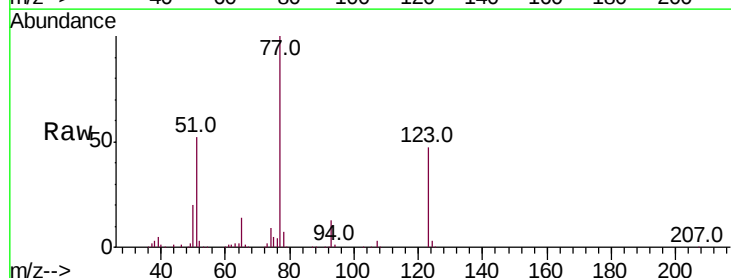
Tgt Ion: 77 Resp: 677117

Ion Ratio Lower Upper

77 100

123 46.6 31.8 47.8

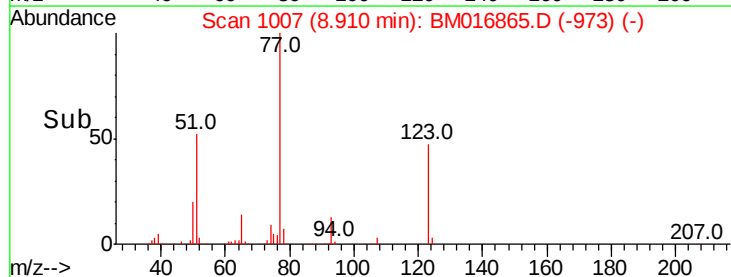
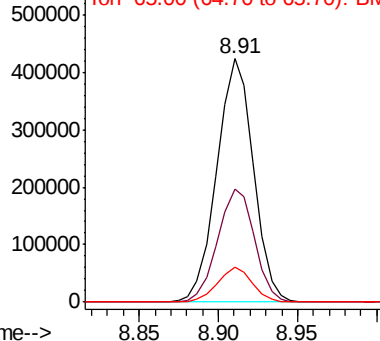
65 14.4 10.6 16.0

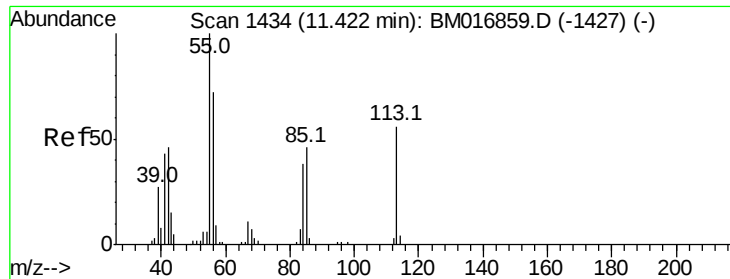


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#32

Caprolactam

Concen: 2.810 ng/ul

RT: 11.30 min Scan# 1414

Delta R.T. -0.12 min

Lab File: BM016865.D

Acq: 22 Sep 2018 12:12

Instrument :

BNA_M

ClientSampleId :

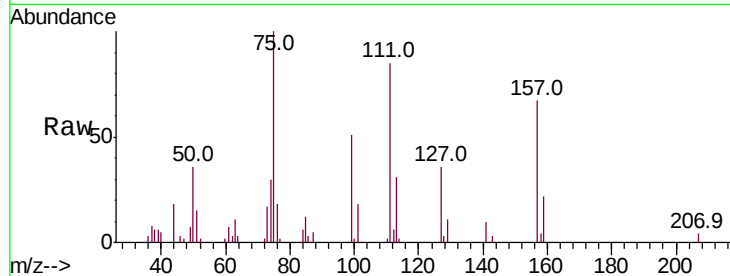
Tot Ion:113 Resp: 11507

Ion Ratio Lower Upper

113 100

55 0.0 131.7 197.5#

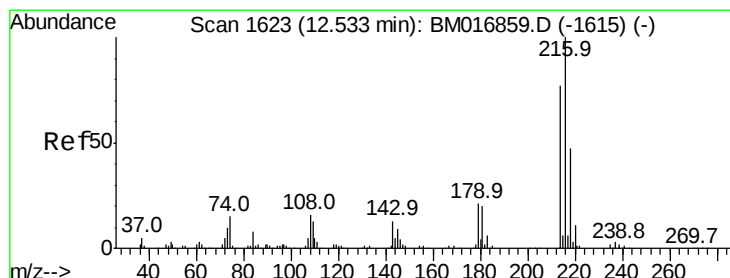
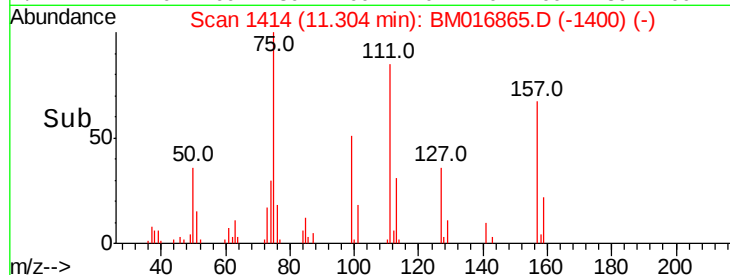
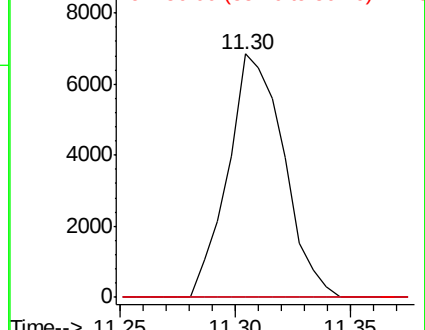
56 0.0 92.7 139.1#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#37

1,2,4,5-Tetrachlorobenzene

Concen: 5.005 ng/ul

RT: 12.53 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BM016865.D

Acq: 22 Sep 2018 12:12

Tgt Ion:216 Resp: 77539

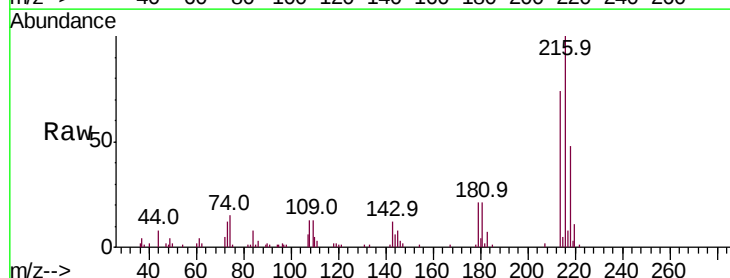
Ion Ratio Lower Upper

216 100

214 74.0 64.1 96.1

179 20.7 14.5 21.7

108 13.3 10.4 15.6

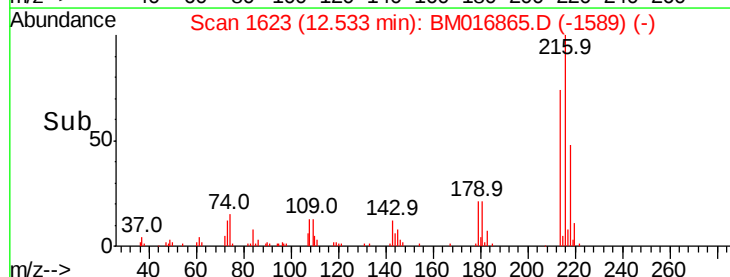
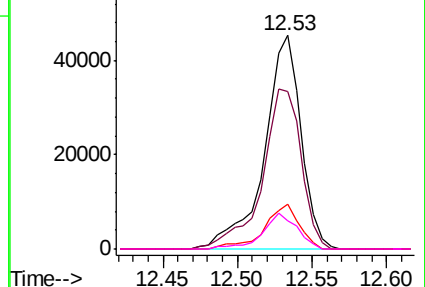


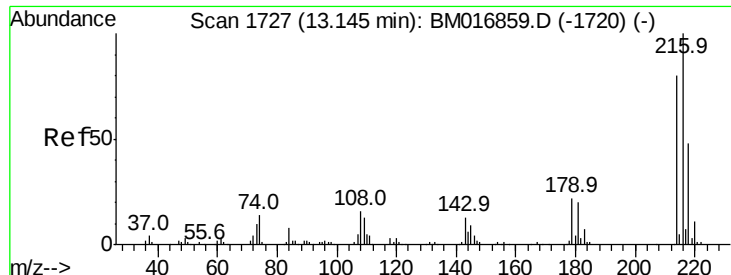
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#73

1,2,3,4-Tetrachlorobenzene

Concen: 16.597 ng/uL

RT: 13.15 min Scan# 1727

Delta R.T. 0.00 min

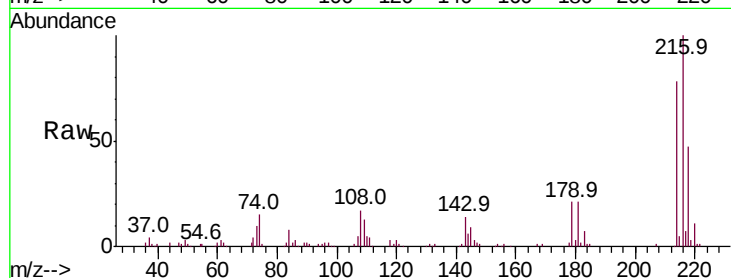
Lab File: BM016865.D

Acq: 22 Sep 2018 12:12

Instrument :

BNA_M

ClientSampleId :



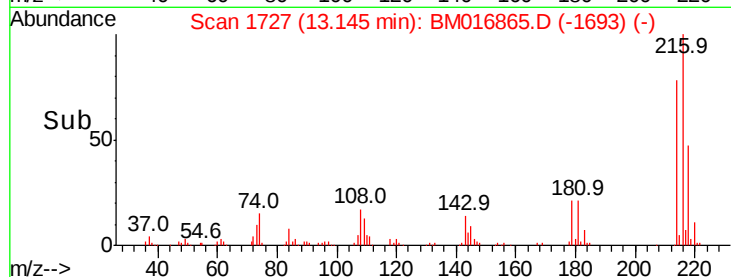
Tot Ion: 216 Resp: 272156

Ion Ratio Lower Upper

216 100

214 77.5 64.1 96.1

218 46.7 39.4 59.0



Abundance Ion 216.00 (215.70 to 216.70): E

250000 Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

200000

150000

100000

50000

0

13.10 13.15 13.20

Time-->