

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
 Data File : BM016911.D
 Acq On : 26 Sep 2018 22:15
 Operator : MJ/SJ
 Sample : J5036-05DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 27 02:44:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 27 02:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	253706	20.00	ng/ul	0.01
18) Naphthalene-d8	10.50	136	1025104	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	538559	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1186591	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1284093	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1402481	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	2006	0.34	ng/uL	0.00
5) Phenol-d5	6.89	99	33692	1.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	86678	6.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	101408	5.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	61665	3.72	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	57926	8.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	59355	9.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	109171	7.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	1361	0.07	ng/ul	0.01
44) Dimethylphthalate-d6	13.77	166	346686	8.02	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	435247	7.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	9049	1.28	ng/ul	0.00
58) Fluorene-d10	15.35	176	312099	8.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	20192	4.15	ng/ul	0.00
71) Anthracene-d10	17.20	188	477208	8.34	ng/ul	0.00
79) Pyrene-d10	19.50	212	535857	8.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	610251	8.34	ng/ul	0.00

Target Compounds

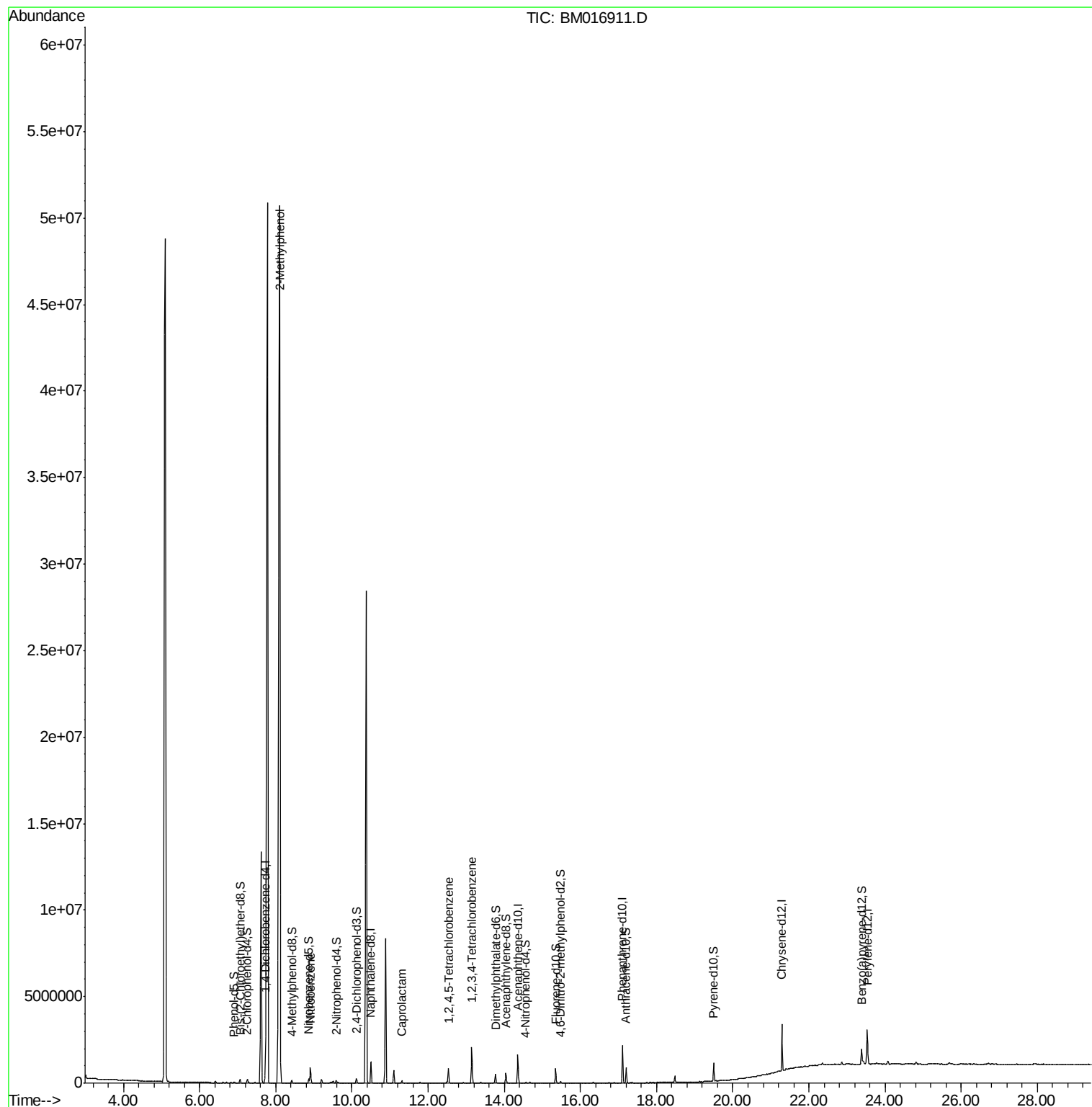
					Ovalue
11) 2-Methylphenol	8.10	108	281613	17.591	ng/ul 97
20) Nitrobenzene	8.91	77	474736	27.863	ng/ul# 90
32) Caprolactam	11.31	113	11969	2.531	ng/ul# 1
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	309775	16.748	ng/ul 96
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	659087	33.560	ng/uL 98

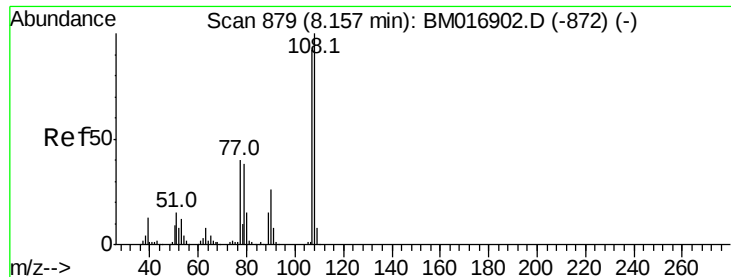
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 17.591 ng/ul

RT: 8.10 min Scan# 870

Delta R.T. -0.05 min

Lab File: BM016911.D

Acq: 26 Sep 2018 22:15

Instrument :

BNA_M

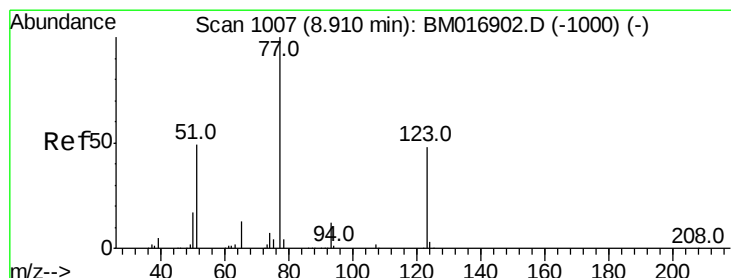
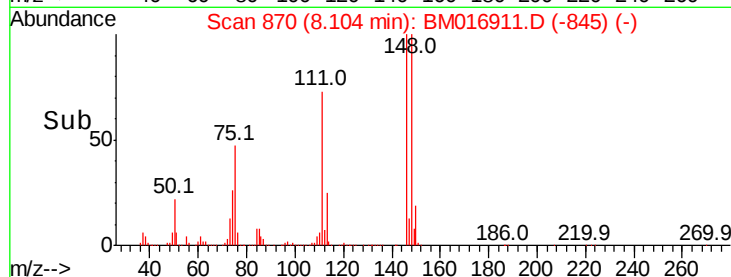
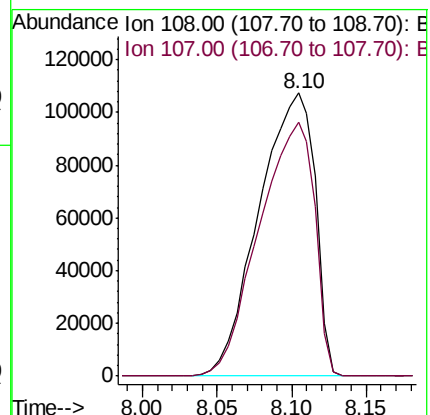
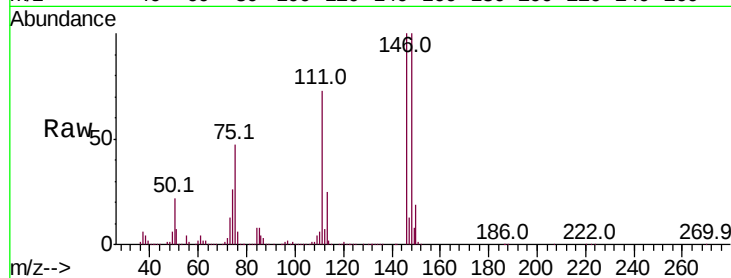
ClientSampleId :

Tot Ion:108 Resp: 281613

Ion Ratio Lower Upper

108 100

107 89.9 74.1 111.1



#20

Nitrobenzene

Concen: 27.863 ng/ul

RT: 8.91 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BM016911.D

Acq: 26 Sep 2018 22:15

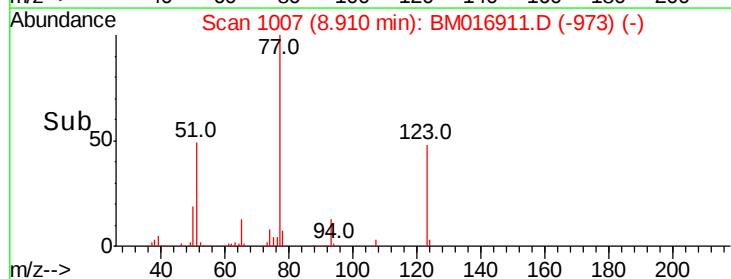
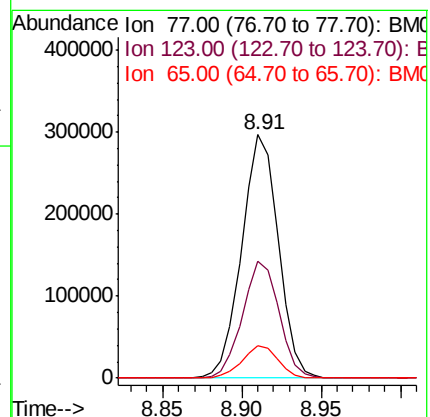
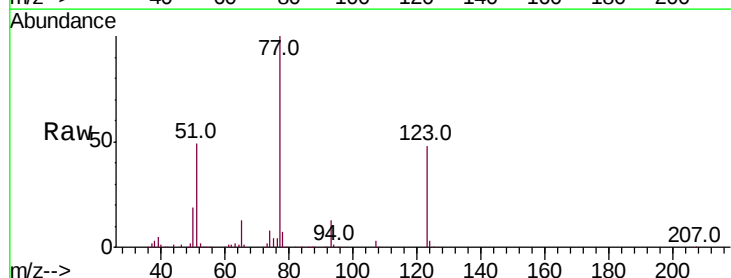
Tgt Ion: 77 Resp: 474736

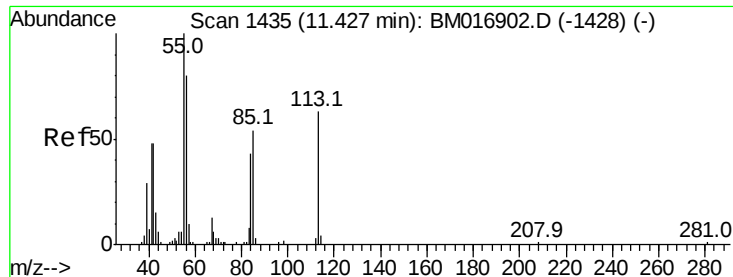
Ion Ratio Lower Upper

77 100

123 48.1 31.8 47.8#

65 13.2 10.6 16.0





#32

Caprolactam

Concen: 2.531 ng/ul

RT: 11.31 min Scan# 1415

Delta R.T. -0.12 min

Lab File: BM016911.D

Acq: 26 Sep 2018 22:15

Instrument :

BNA_M

ClientSampleId :

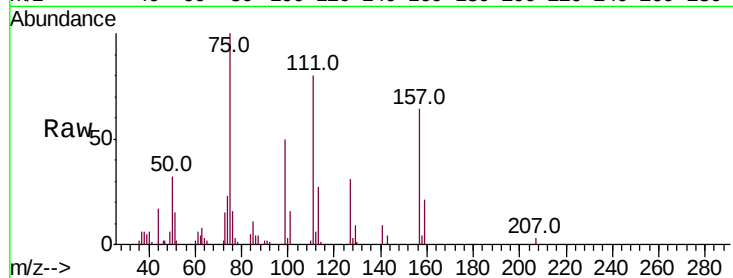
Tot Ion:113 Resp: 11969

Ion Ratio Lower Upper

113 100

55 0.0 131.7 197.5#

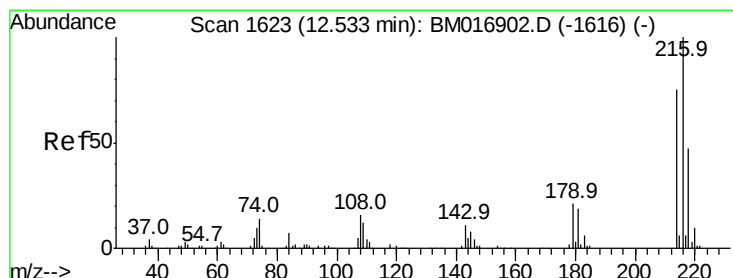
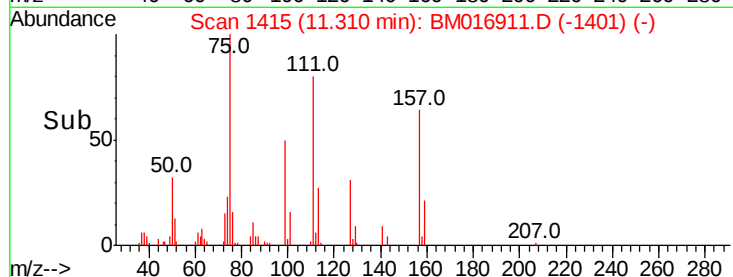
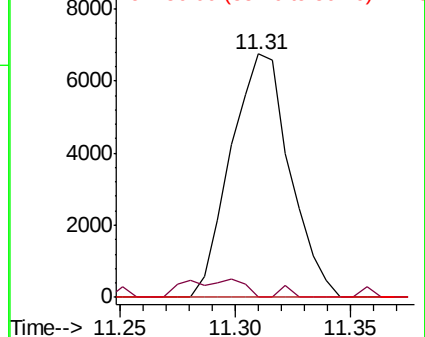
56 0.0 92.7 139.1#



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: 16.748 ng/ul

RT: 12.53 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BM016911.D

Acq: 26 Sep 2018 22:15

Tgt Ion:216 Resp: 309775

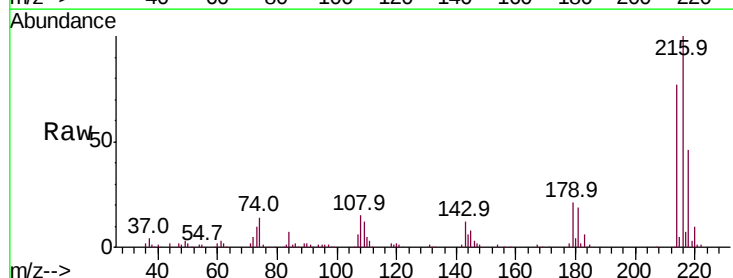
Ion Ratio Lower Upper

216 100

214 76.7 64.1 96.1

179 20.6 14.5 21.7

108 14.7 10.4 15.6

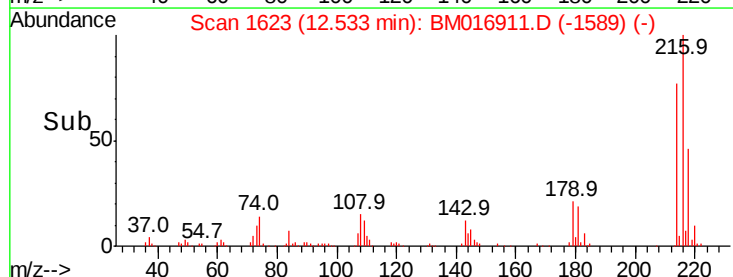
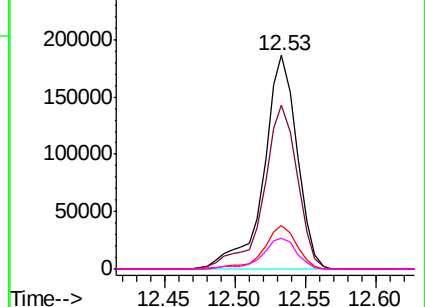


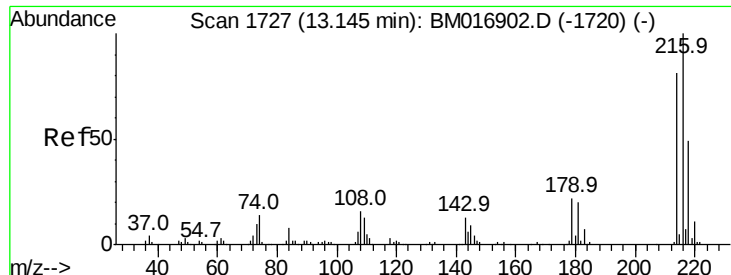
Abundance Ion 216.00 (215.70 to 216.70): E

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: 33.560 ng/uL

RT: 13.15 min Scan# 1727

Delta R.T. 0.00 min

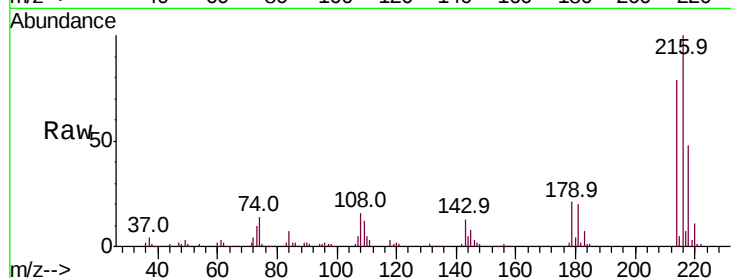
Lab File: BM016911.D

Acq: 26 Sep 2018 22:15

Instrument :

BNA_M

ClientSampleId :



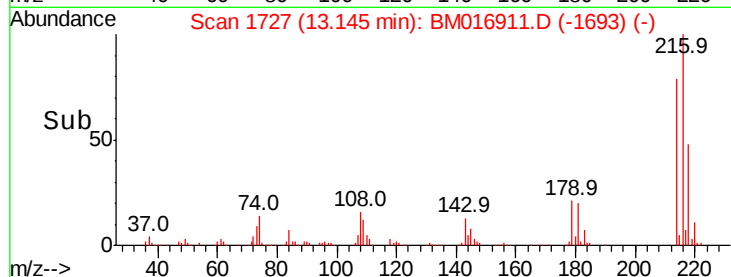
Tot Ion: 216 Resp: 659087

Ion Ratio Lower Upper

216 100

214 78.8 64.1 96.1

218 47.6 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

