

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
 Data File : BM013941.D
 Acq On : 29 Jan 2018 02:25
 Operator : SJ/JU
 Sample : J1245-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B68

Quant Time: Jan 29 07:29:06 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	196480	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	790673	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	451311	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	913382	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	742734	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	759098	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	21485	4.32	ng/uL	0.00
5) Phenol-d5	6.76	99	551787	36.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	331046	36.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	463138	37.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	353472	30.48	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	230815	37.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	258940	39.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	452331	36.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	307602	28.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1365099	36.70	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1725902	36.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	143313	23.71	ng/ul	0.00
57) Fluorene-d10	15.23	176	1173011	35.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	164044	29.84	ng/ul	0.00
70) Anthracene-d10	17.09	188	1677579	37.71	ng/ul	0.00
76) Pyrene-d10	19.39	212	1626402	47.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	1350478	38.71	ng/ul	0.00

Target Compounds

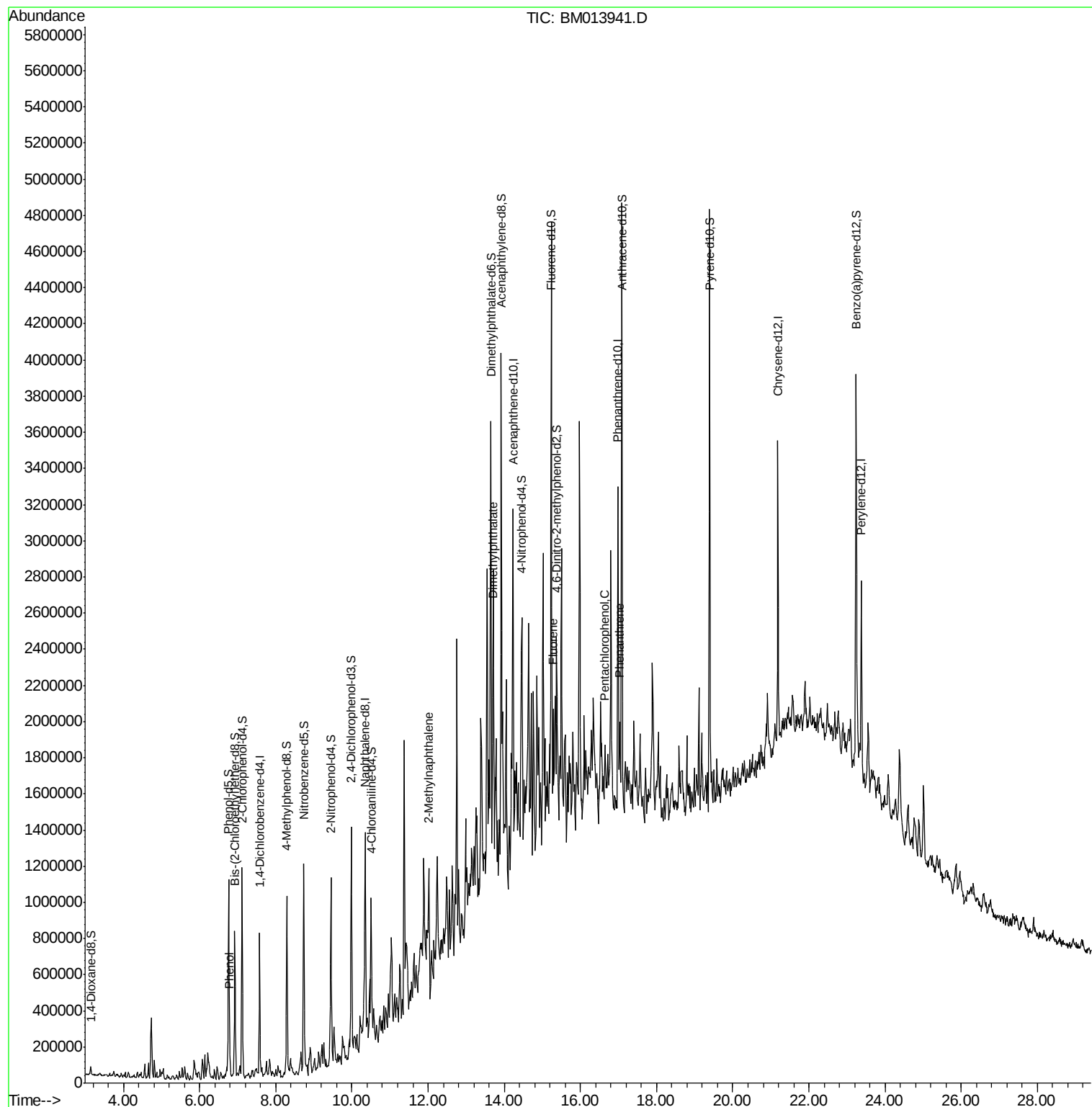
				Ovalue	
6) Phenol	6.79	94	68192	4.507	ng/ul# 83
34) 2-Methylnaphthalene	12.02	142	268074	9.141	ng/ul 95
44) Dimethylphthalate	13.70	163	298650	8.166	ng/ul 100
58) Fluorene	15.29	166	57644	1.556	ng/ul# 79
68) Pentachlorophenol	16.65	266	31178	5.053	ng/ul# 86
69) Phenanthrene	17.03	178	217535	4.285	ng/ul# 93

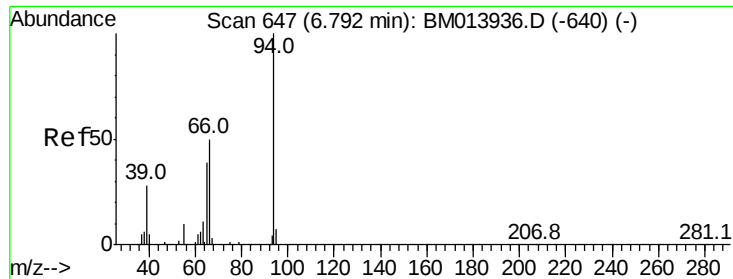
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.507 ng/ul

RT: 6.79 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM013941.D

Acq: 29 Jan 2018 02:25

Instrument :

BNA_M

ClientSampled :

F6B68

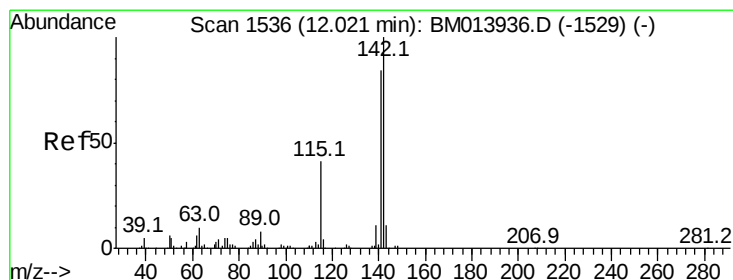
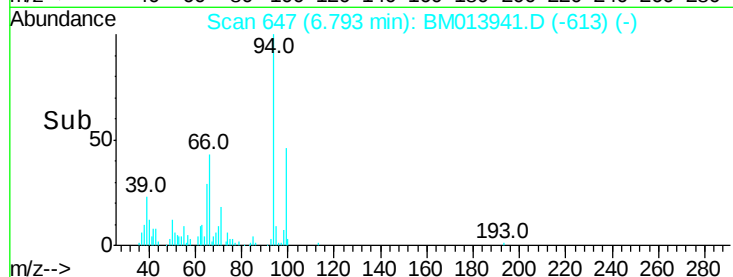
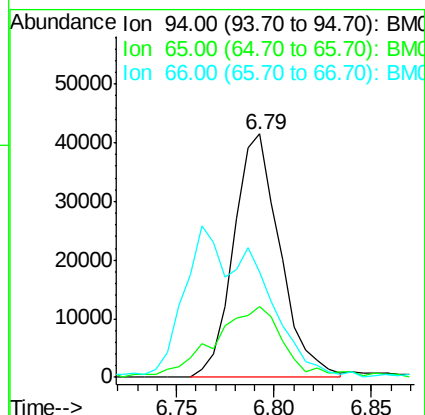
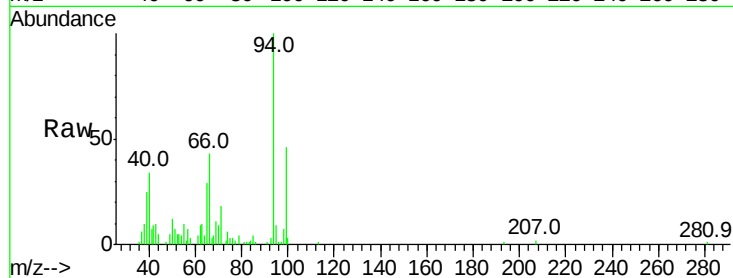
Tot Ion: 94 Resp: 68192

Ion Ratio Lower Upper

94 100

65 29.3 28.2 42.4

66 43.2 47.2 70.8#



#34

2-Methylnaphthalene

Concen: 9.141 ng/ul

RT: 12.02 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BM013941.D

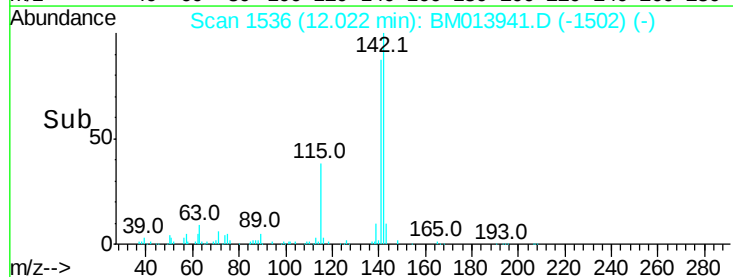
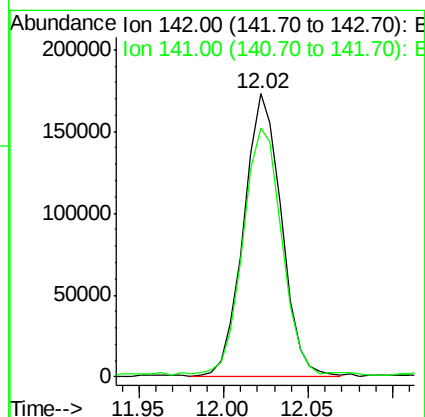
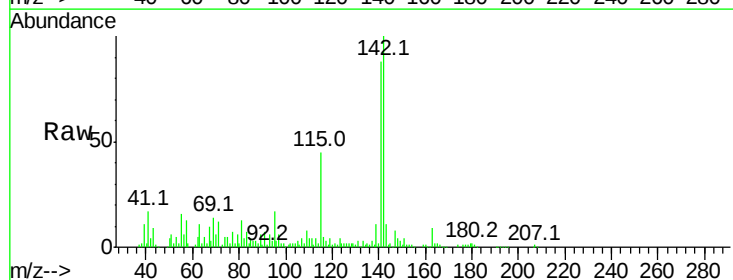
Acq: 29 Jan 2018 02:25

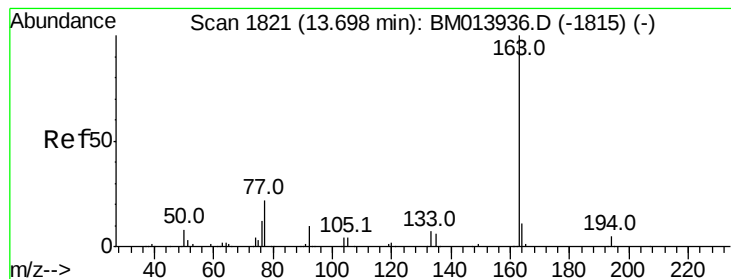
Tgt Ion: 142 Resp: 268074

Ion Ratio Lower Upper

142 100

141 87.8 74.1 111.1





#44

Dimethylphthalate

Concen: 8.166 ng/ul

RT: 13.70 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BM013941.D

Acq: 29 Jan 2018 02:25

Instrument :

BNA_M

ClientSampleId :

F6B68

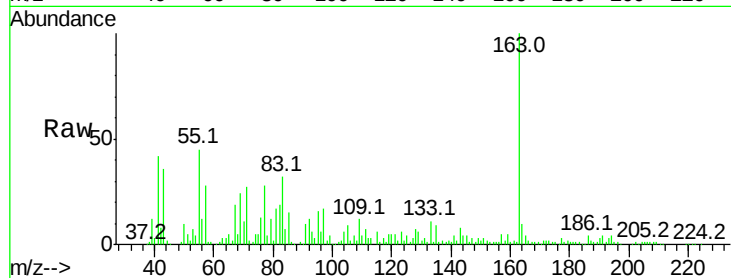
Tot Ion:163 Resp: 298650

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

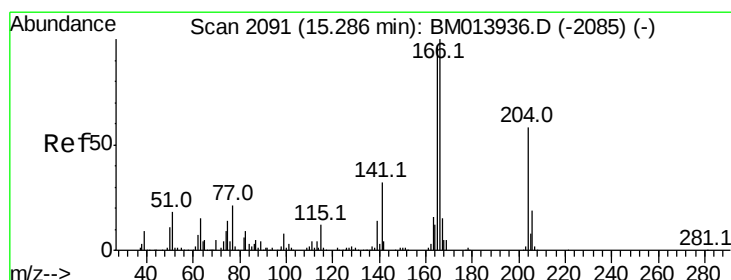
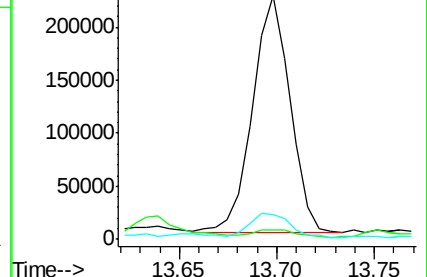
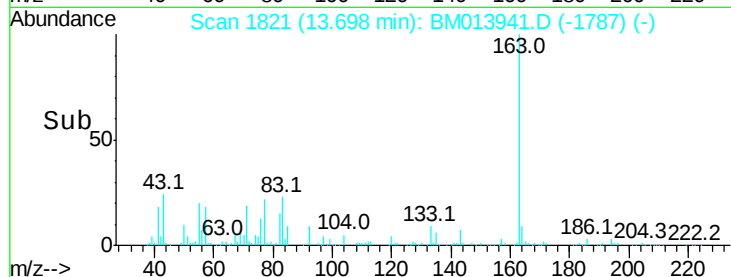
164 10.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#58

Fluorene

Concen: 1.556 ng/ul

RT: 15.29 min Scan# 2091

Delta R.T. 0.00 min

Lab File: BM013941.D

Acq: 29 Jan 2018 02:25

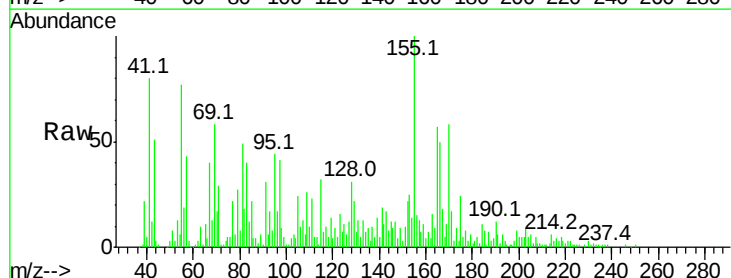
Tgt Ion:166 Resp: 57644

Ion Ratio Lower Upper

166 100

165 113.9 77.9 116.9

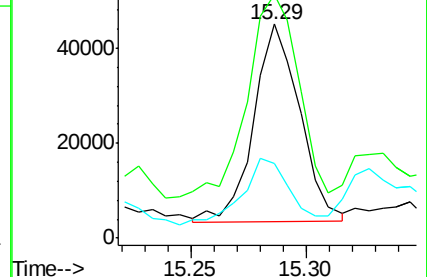
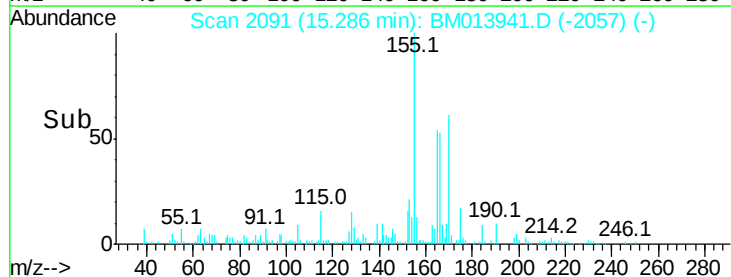
167 34.9 10.6 16.0#

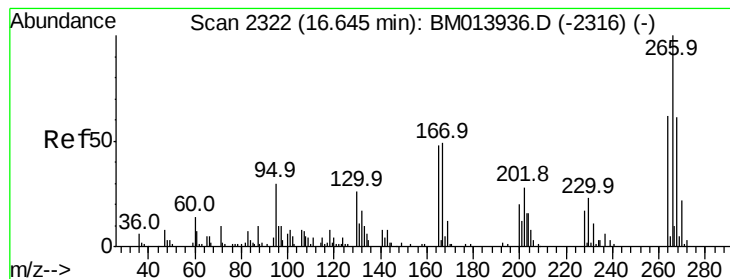


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#68

Pentachlorophenol

Concen: 5.053 ng/ul

RT: 16.65 min Scan# 2323

Delta R.T. 0.01 min

Lab File: BM013941.D

Acq: 29 Jan 2018 02:25

Instrument :

BNA_M

ClientSampleId :

F6B68

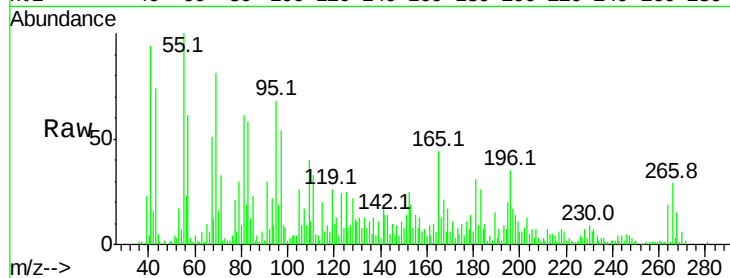
Tot Ion:266 Resp: 31178

Ion Ratio Lower Upper

266 100

264 70.4 49.3 73.9

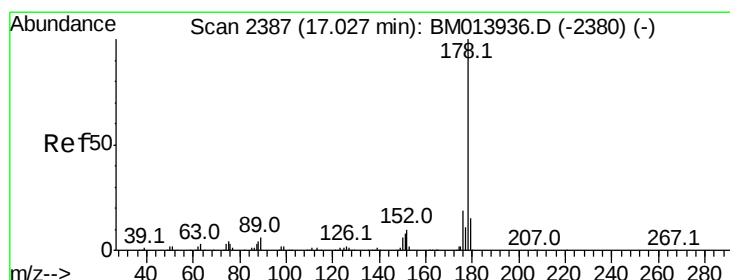
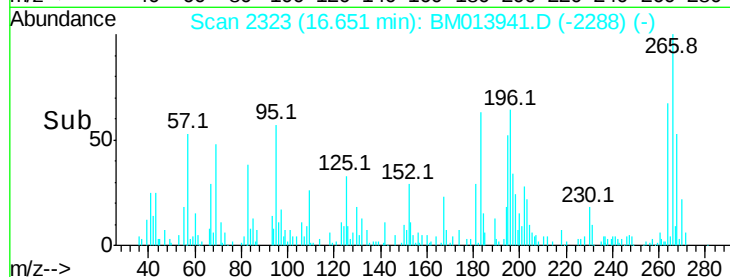
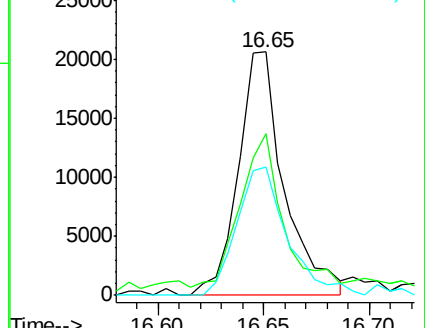
268 52.5 52.6 78.8#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#69

Phenanthrene

Concen: 4.285 ng/ul

RT: 17.03 min Scan# 2387

Delta R.T. 0.00 min

Lab File: BM013941.D

Acq: 29 Jan 2018 02:25

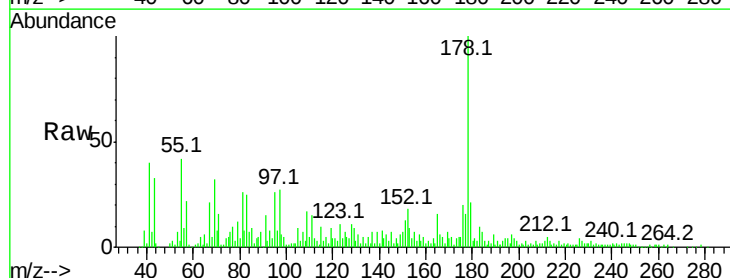
Tgt Ion:178 Resp: 217535

Ion Ratio Lower Upper

178 100

179 20.6 12.6 19.0#

176 20.0 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

