

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050118\
 Data File : BM014911.D
 Acq On : 02 May 2018 06:47
 Operator : SJ/JU
 Sample : J2621-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0CD8

Quant Time: May 02 09:09:37 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 02 06:50:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	436400	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	1874179	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	992849	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.81	188	2093718	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1937322	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	1816629	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.65	96	19370	1.94	ng/uL	0.00
5) Phenol-d5	7.62	99	325054	9.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	802904	37.11	ng/ul	0.00
9) 2-Chlorophenol-d4	8.01	132	840236	29.77	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	568414	21.13	ng/ul	0.00
19) Nitrobenzene-d5	9.67	128	470012	34.69	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	502953	37.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	856833	31.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	1013233	37.44	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	2720181	35.10	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	3179883	33.23	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	96951	6.74	ng/ul	0.00
57) Fluorene-d10	16.07	176	2275497	33.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	146992	12.97	ng/ul	0.00
70) Anthracene-d10	17.91	188	3373834	34.58	ng/ul	0.00
76) Pyrene-d10	20.15	212	3427788	37.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	3282290	36.78	ng/ul	0.00

Target Compounds

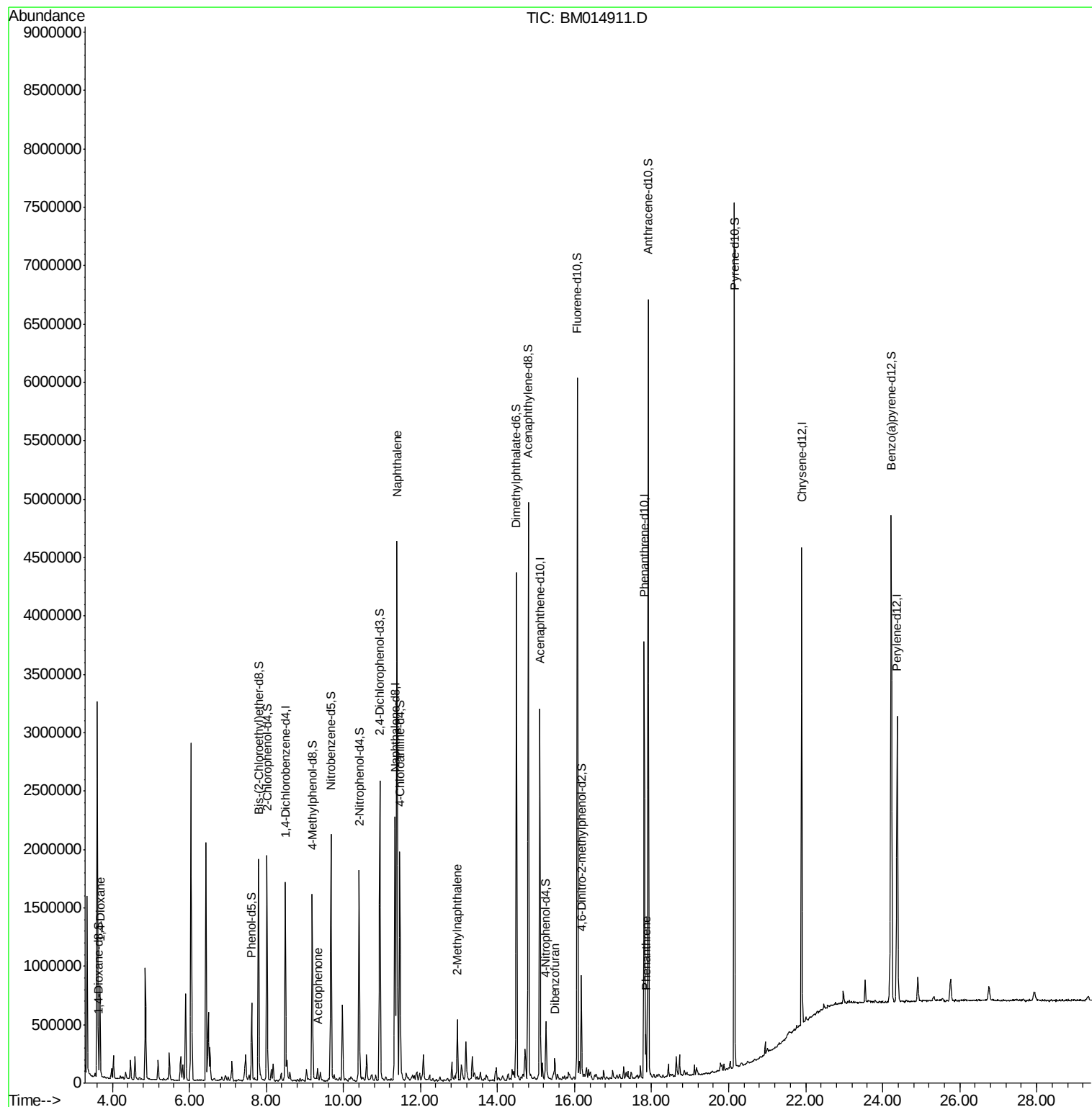
					Qvalue	
2) 1,4-Dioxane	3.68	88	330562	31.433	ng/uL#	84
14) Acetophenone	9.33	105	56898	1.443	ng/ul	87
28) Naphthalene	11.39	128	3713759	40.663	ng/ul	100
34) 2-Methylnaphthalene	12.96	142	239353	3.774	ng/ul	97
53) Dibenzofuran	15.49	168	92707	1.013	ng/ul	98
69) Phenanthrene	17.86	178	206312	1.835	ng/ul	98

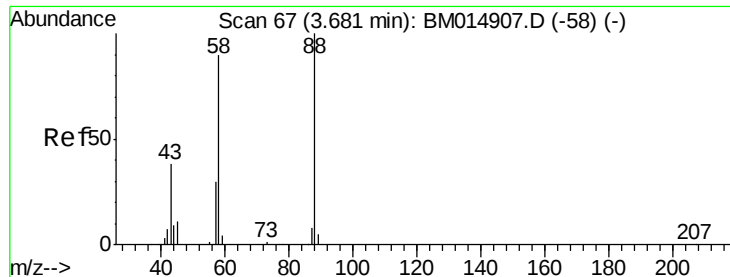
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 31.433 ng/uL

RT: 3.68 min Scan# 67

Delta R.T. -0.00 min

Lab File: BM014911.D

Acq: 02 May 2018 06:47

Instrument :

BNA_M

ClientSampleId :

C0CD8

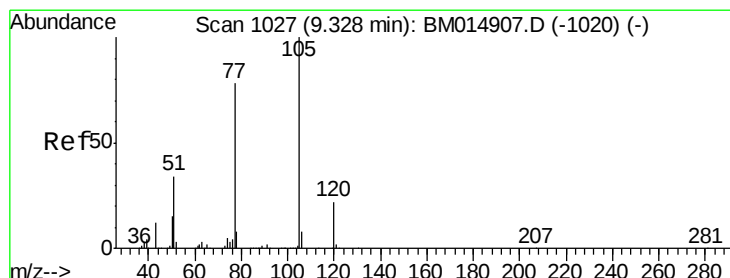
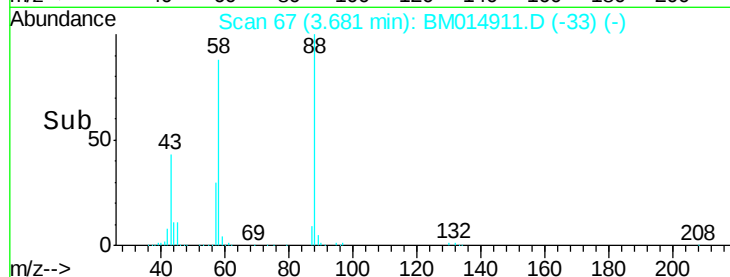
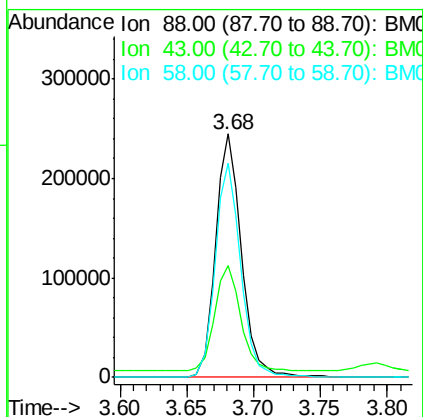
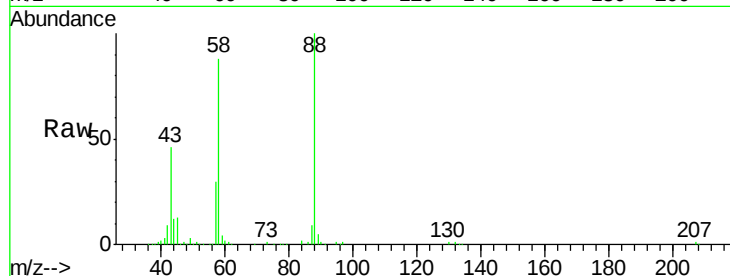
Tgt Ion: 88 Resp: 330562

Ion Ratio Lower Upper

88 100

43 43.2 48.0 72.0#

58 87.9 80.0 120.0



#14

Acetophenone

Concen: 1.443 ng/uL

RT: 9.33 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BM014911.D

Acq: 02 May 2018 06:47

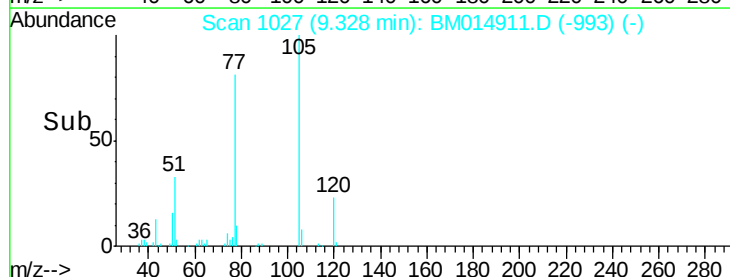
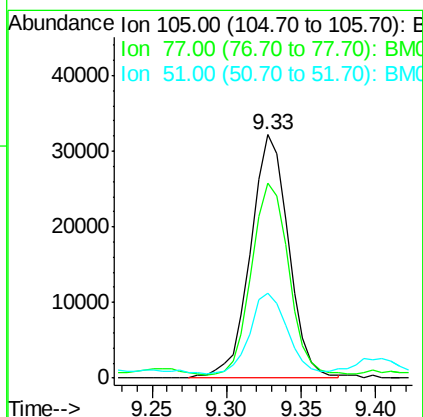
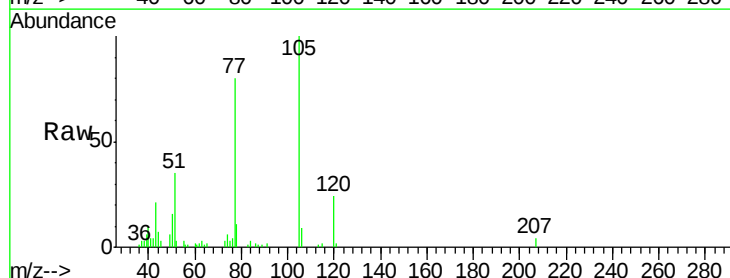
Tgt Ion: 105 Resp: 56898

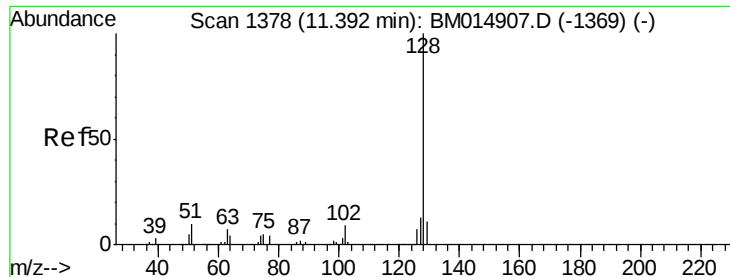
Ion Ratio Lower Upper

105 100

77 79.8 74.2 111.4

51 34.6 23.4 35.2





#28

Naphthalene

Concen: 40.663 ng/ul

RT: 11.39 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BM014911.D

Acq: 02 May 2018 06:47

Instrument :

BNA_M

ClientSampleId :

C0CD8

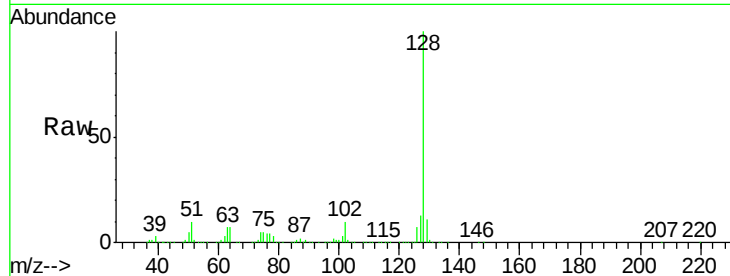
Tgt Ion:128 Resp: 3713759

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

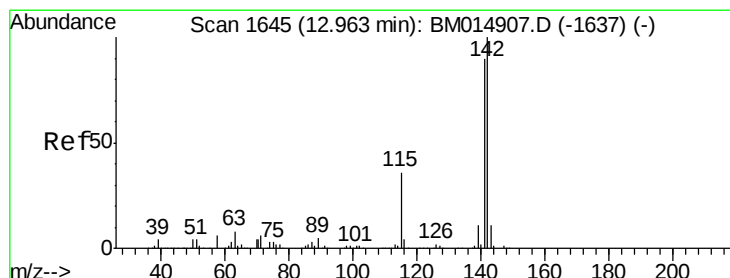
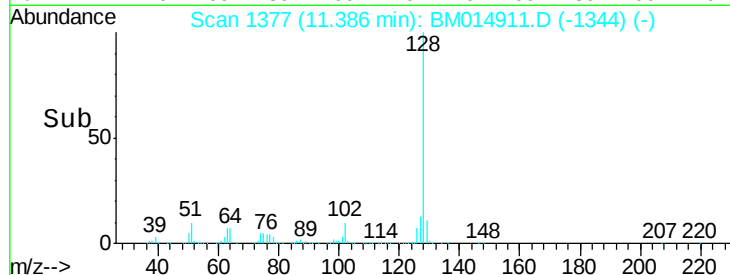
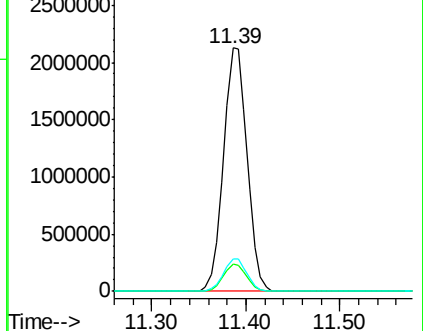
127 13.2 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 3.774 ng/ul

RT: 12.96 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BM014911.D

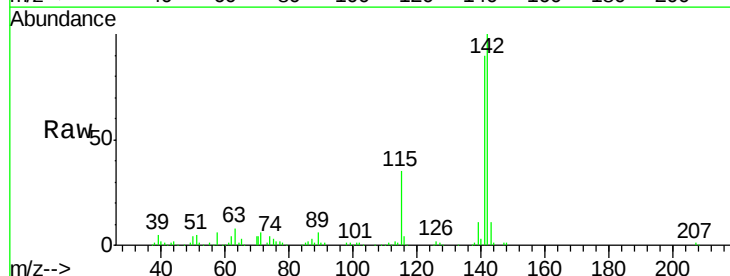
Acq: 02 May 2018 06:47

Tgt Ion:142 Resp: 239353

Ion Ratio Lower Upper

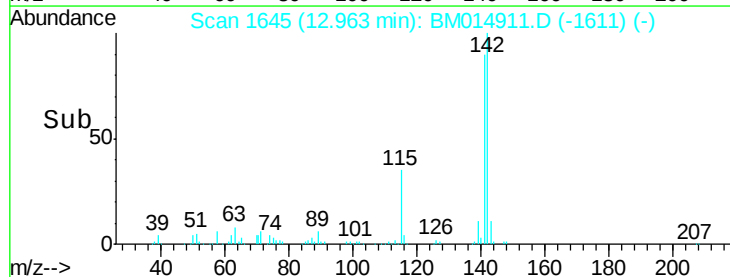
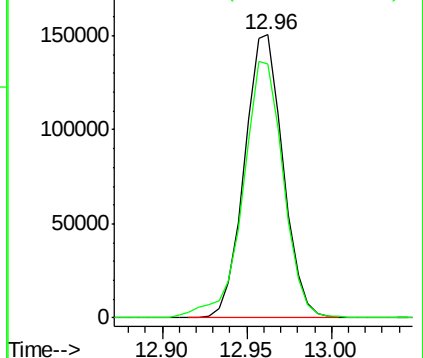
142 100

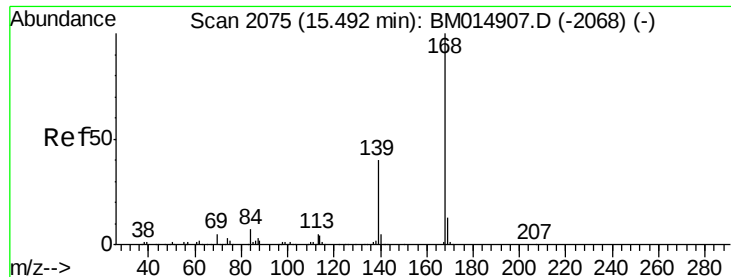
141 89.7 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#53

Dibenzenofuran

Concen: 1.013 ng/ul

RT: 15.49 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BM014911.D

Acq: 02 May 2018 06:47

Instrument :

BNA_M

ClientSampleId :

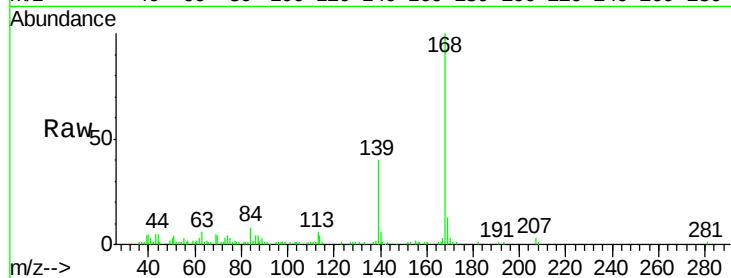
C0CD8

Tgt Ion:168 Resp: 92707

Ion Ratio Lower Upper

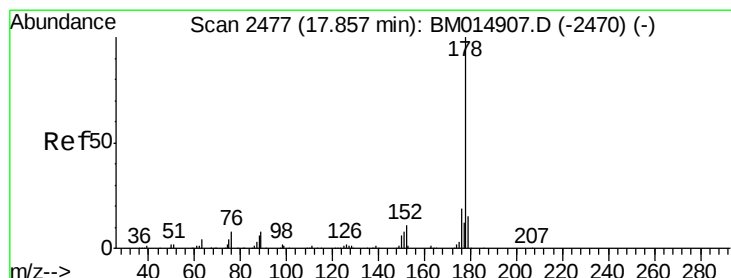
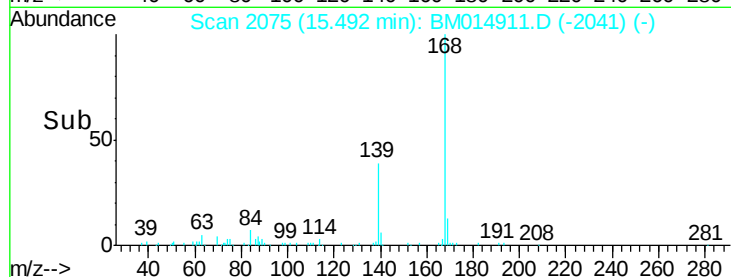
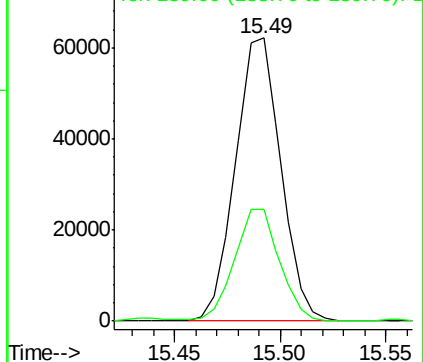
168 100

139 39.6 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#69

Phenanthrene

Concen: 1.835 ng/ul

RT: 17.86 min Scan# 2477

Delta R.T. -0.00 min

Lab File: BM014911.D

Acq: 02 May 2018 06:47

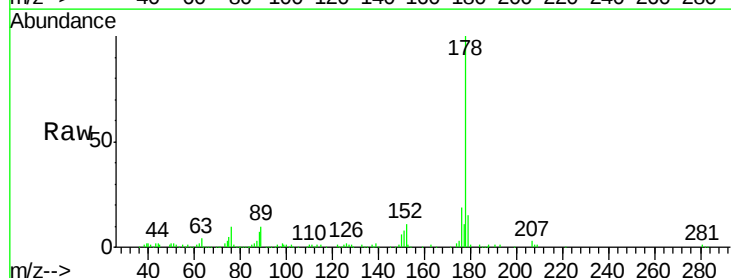
Tgt Ion:178 Resp: 206312

Ion Ratio Lower Upper

178 100

179 15.2 12.6 19.0

176 19.4 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

