

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\
 Data File : BM018046.D
 Acq On : 11 Dec 2018 04:21
 Operator : JU/SJ
 Sample : J6077-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9Y04

Quant Time: Dec 11 07:42:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 11 06:43:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	222428	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	935631	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	506545	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	957556	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	735628	20.00	ng/ul	0.00
85) Perylene-d12	23.35	264	794617	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	15102	3.11	ng/uL	0.00
5) Phenol-d5	6.75	99	311242	15.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	241050	19.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	278586	17.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	218209	13.15	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	138465	19.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	150147	18.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	253989	16.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	283601	21.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	834901	19.00	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	1044526	19.64	ng/ul	0.01
51) 4-Nitrophenol-d4	14.46	143	72281	9.05	ng/ul	0.02
57) Fluorene-d10	15.21	176	718177	18.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	49830	7.28	ng/ul	0.01
70) Anthracene-d10	17.06	188	974899	20.45	ng/ul	0.00
78) Pyrene-d10	19.37	212	884863	24.86	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.22	264	884853	20.53	ng/ul	0.00

Target Compounds

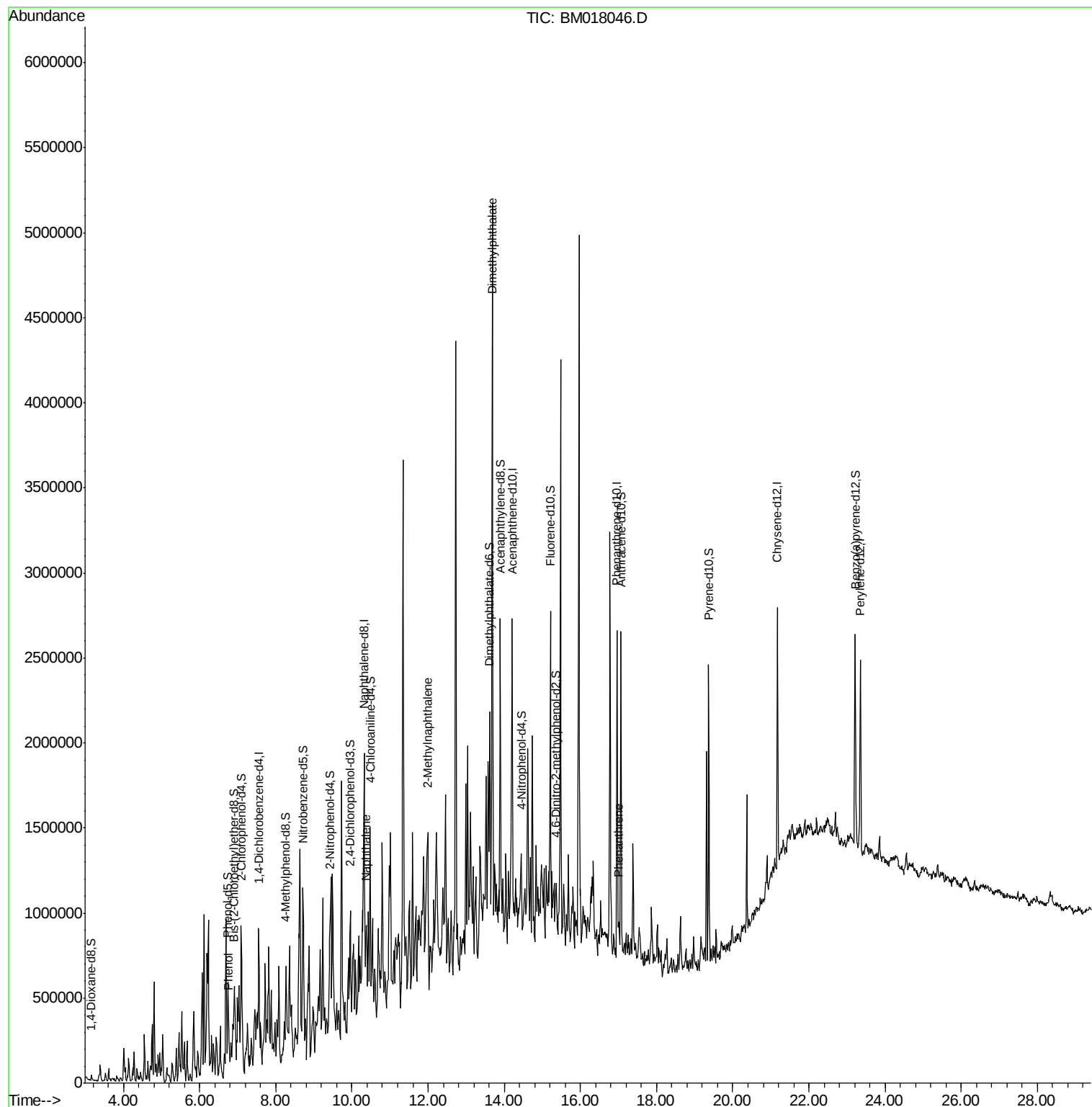
				Ovalue	
6) Phenol	6.77	94	85147	4.199	ng/ul 91
28) Naphthalene	10.37	128	124864	2.561	ng/ul# 87
34) 2-Methylnaphthalene	11.99	142	405590	11.145	ng/ul 100
44) Dimethylphthalate	13.67	163	122248	2.871	ng/ul# 95
69) Phenanthrene	17.00	178	69230	1.264	ng/ul# 94

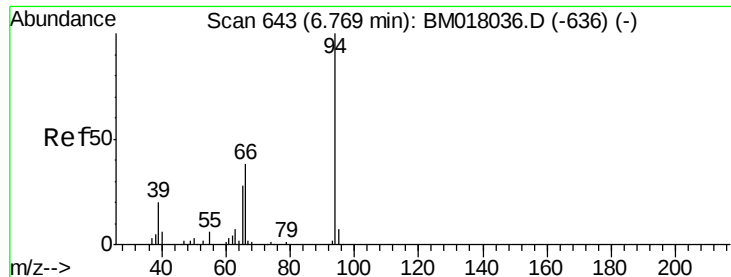
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.199 ng/ul

RT: 6.77 min Scan# 644

Delta R.T. 0.01 min

Lab File: BM018046.D

Acq: 11 Dec 2018 04:21

Instrument :

BNA_M

ClientSampleId :

F9Y04

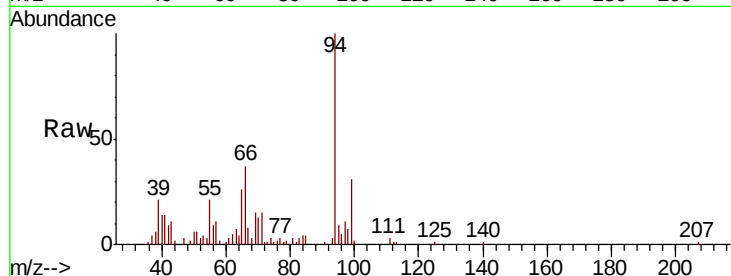
Tot Ion: 94 Resp: 85147

Ion Ratio Lower Upper

94 100

65 26.1 24.7 37.1

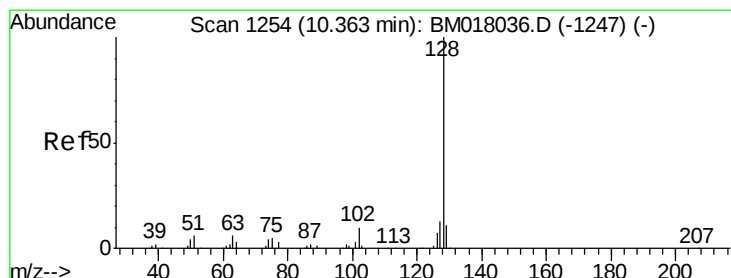
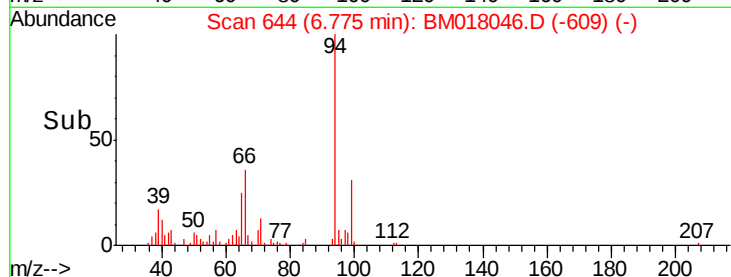
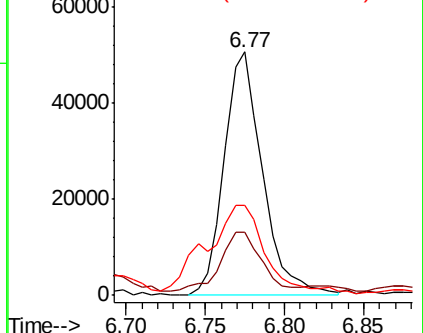
66 37.1 34.6 51.8



Abundance Ion 94.00 (93.70 to 94.70): BM018036.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018036.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018036.D (-636) (-)



#28

Naphthalene

Concen: 2.561 ng/ul

RT: 10.37 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BM018046.D

Acq: 11 Dec 2018 04:21

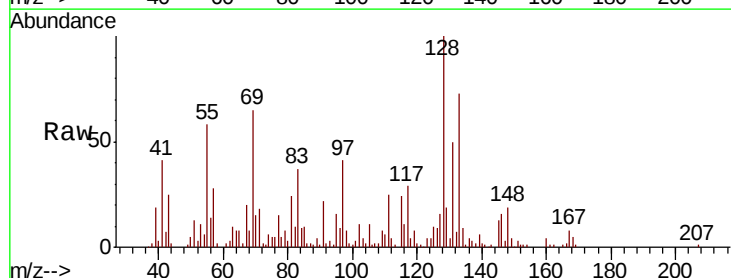
Tgt Ion:128 Resp: 124864

Ion Ratio Lower Upper

128 100

129 18.9 8.6 12.8#

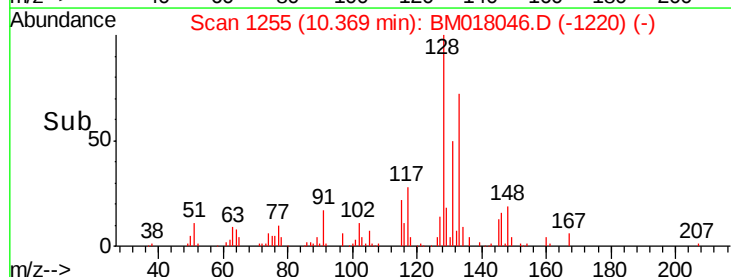
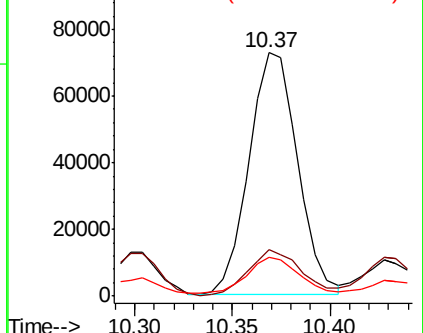
127 16.0 10.8 16.2

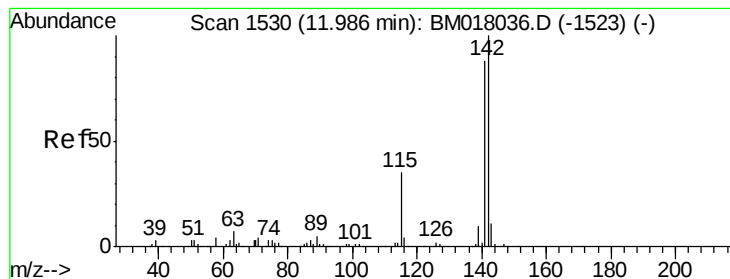


Abundance Ion 128.00 (127.70 to 128.70): BM018036.D (-1247) (-)

Ion 129.00 (128.70 to 129.70): BM018036.D (-1247) (-)

Ion 127.00 (126.70 to 127.70): BM018036.D (-1247) (-)





#34

2-Methylnaphthalene

Concen: 11.145 ng/ul

RT: 11.99 min Scan# 1531

Delta R.T. 0.01 min

Lab File: BM018046.D

Acq: 11 Dec 2018 04:21

Instrument :

BNA_M

ClientSampled :

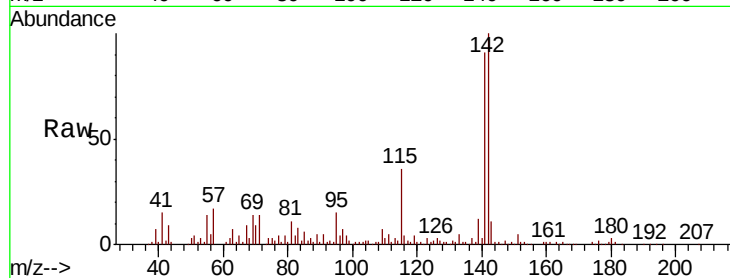
F9Y04

Tot Ion:142 Resp: 405590

Ion Ratio Lower Upper

142 100

141 91.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

250000

200000

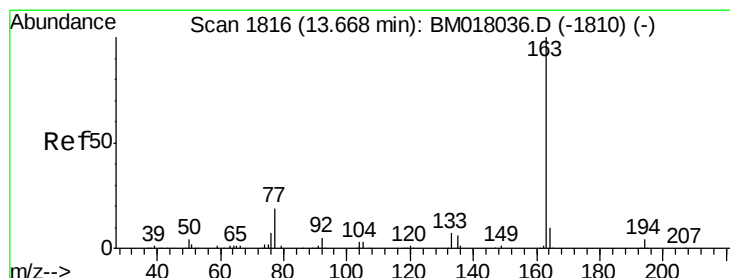
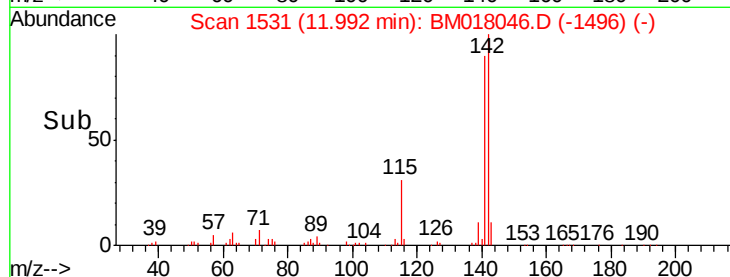
150000

100000

50000

0

Time--> 11.95 12.00 12.05



#44

Dimethylphthalate

Concen: 2.871 ng/ul

RT: 13.67 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BM018046.D

Acq: 11 Dec 2018 04:21

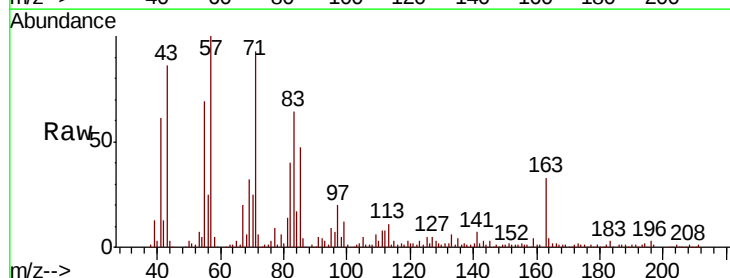
Tgt Ion:163 Resp: 122248

Ion Ratio Lower Upper

163 100

194 5.7 3.4 5.0#

164 12.2 8.1 12.1#



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

120000

100000

80000

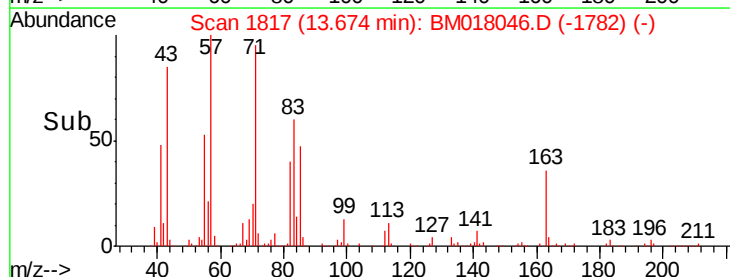
60000

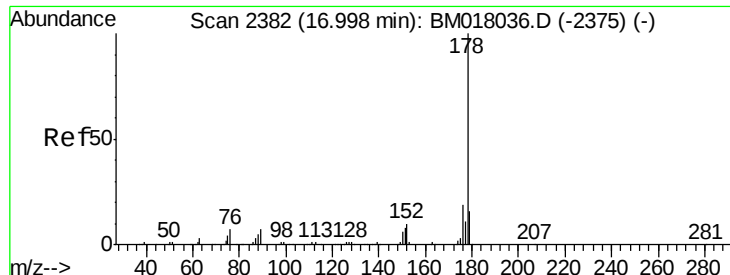
40000

20000

0

Time--> 13.65 13.70





#69

Phenanthrene

Concen: 1.264 ng/ul

RT: 17.00 min Scan# 2383

Delta R.T. 0.01 min

Lab File: BM018046.D

Acq: 11 Dec 2018 04:21

Instrument :

BNA_M

ClientSampleId :

F9Y04

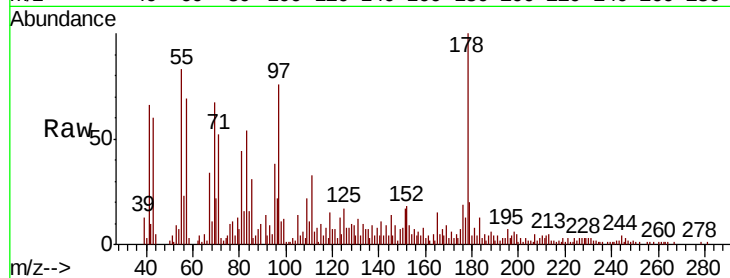
Tot Ion:178 Resp: 69230

Ion Ratio Lower Upper

178 100

179 20.0 11.8 17.8#

176 18.8 15.0 22.6



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

