

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122115\
 Data File : BM003687.D
 Acq On : 21 Dec 2015 21:42
 Operator : UM/SJ
 Sample : G4867-12RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G9DA7

Quant Time: Dec 22 02:46:44 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 22 02:40:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	31565	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	127949	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	69269	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	148820	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	168742	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	173211	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	702	1.20	ng/uL	0.00
5) Phenol-d5	6.87	99	14324	5.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	40482	28.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	50685	23.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	28894	12.54	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	29072	31.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	32186	30.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	51446	26.99	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	172269	30.09	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	204817	31.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	4048	3.63	ng/ul	0.00
58) Fluorene-d10	15.35	176	147612	31.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	22059	26.30	ng/ul	0.00
71) Anthracene-d10	17.19	188	222932	32.92	ng/ul	0.00
79) Pyrene-d10	19.50	212	246986	33.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	278944	32.42	ng/ul	0.00

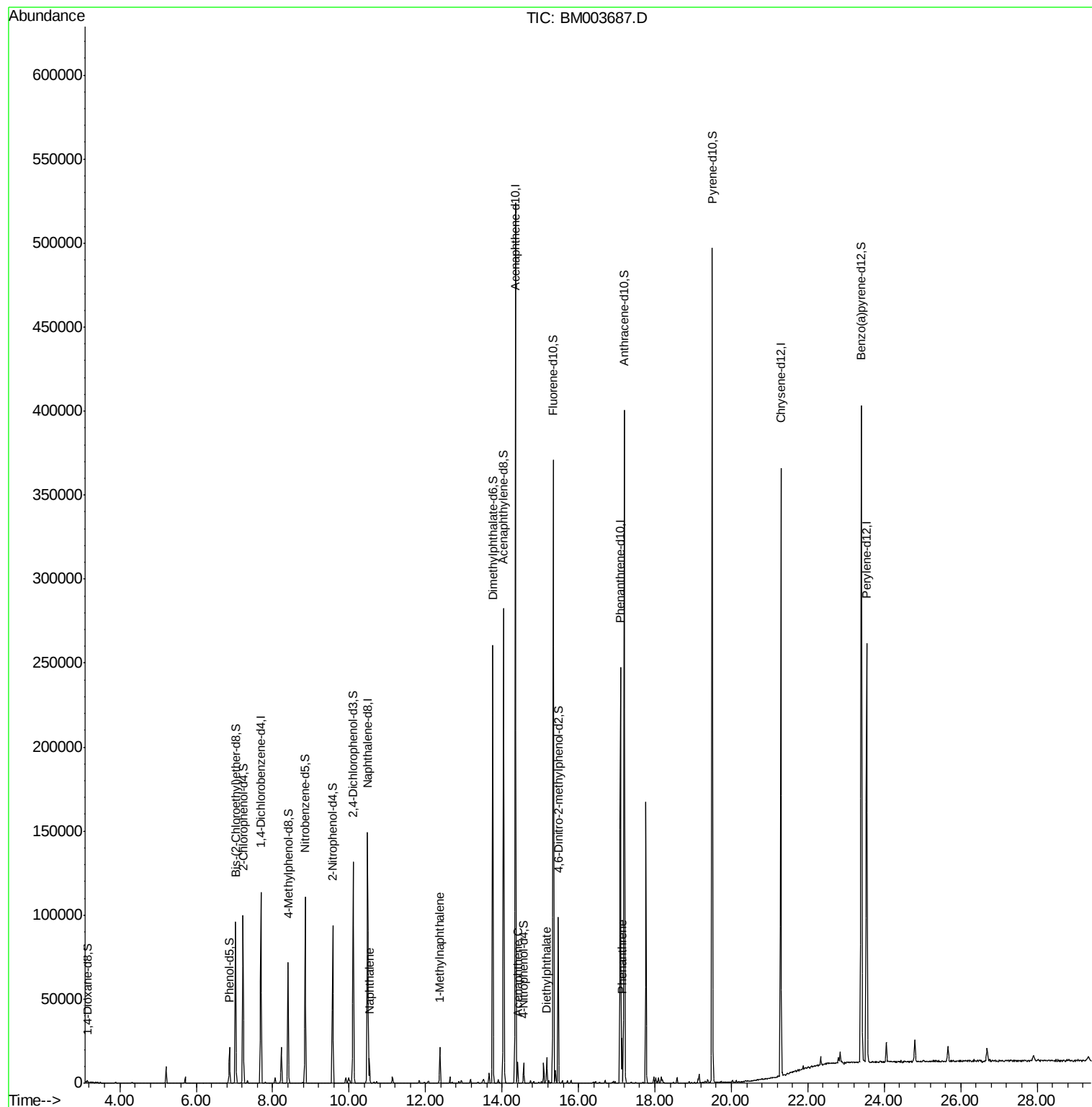
Target Compounds						Qvalue
28) Naphthalene	10.53	128	14364	2.18	ng/ul	99
35) 1-Methylnaphthalene	12.37	142	12236	2.62	ng/ul	97
50) Acenaphthene	14.41	153	6173	1.30	ng/ul	97
57) Diethylphthalate	15.17	149	10056	1.62	ng/ul	99
70) Phenanthrene	17.14	178	18663	2.27	ng/ul	99

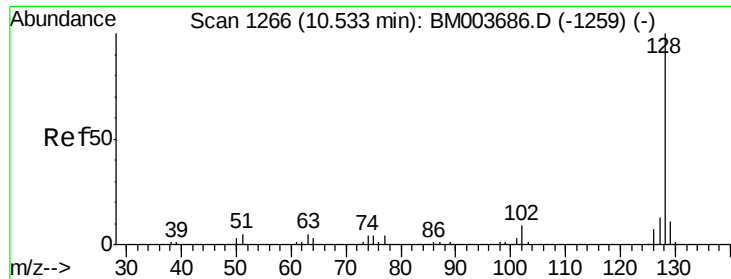
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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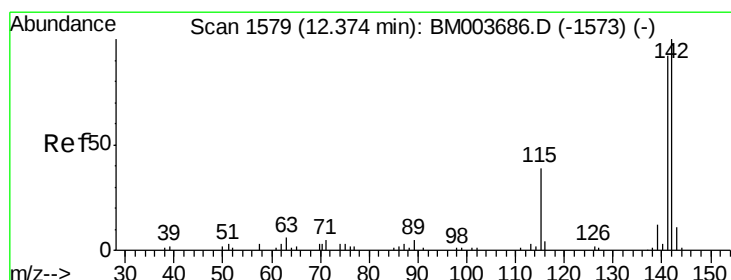
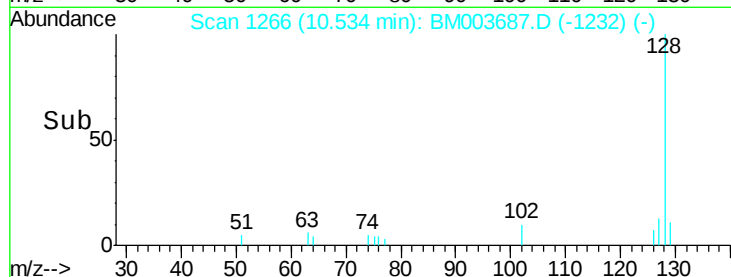
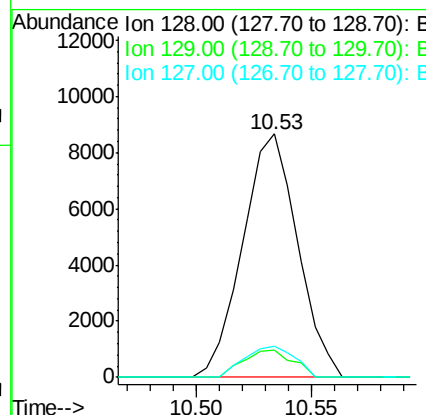
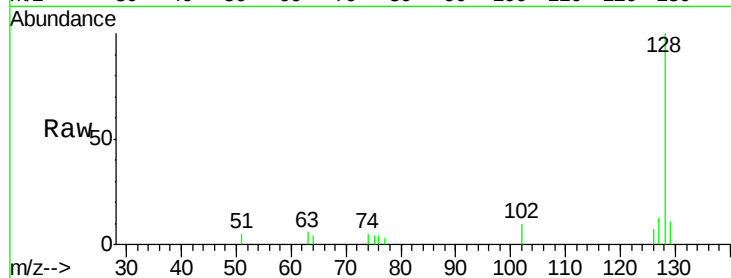




#28
Naphthalene
Concen: 2.18 ng/ul
RT: 10.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BM003687.D
Acq: 21 Dec 2015 21:42

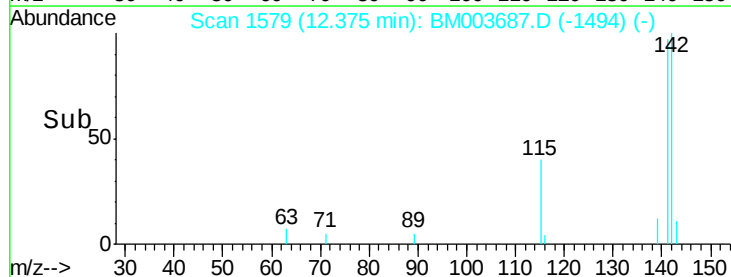
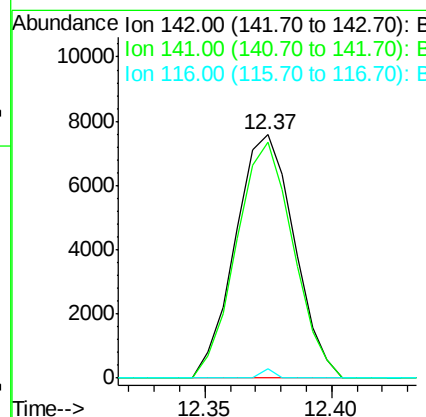
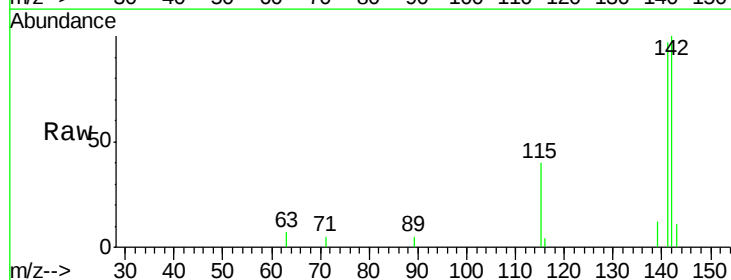
Instrument :
BNA_M
ClientSampleId :
G9DA7

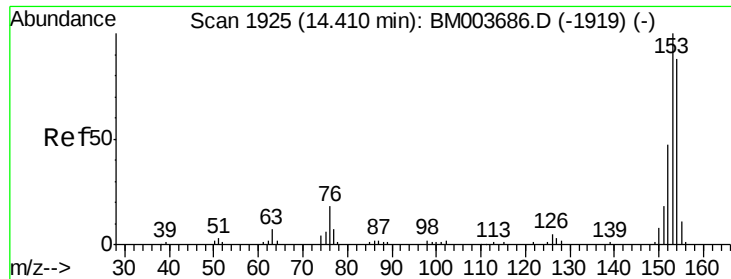
Tgt Ion:128 Resp: 14364
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.6 10.5 15.7



#35
1-Methylnaphthalene
Concen: 2.62 ng/ul
RT: 12.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BM003687.D
Acq: 21 Dec 2015 21:42

Tgt Ion:142 Resp: 12236
Ion Ratio Lower Upper
142 100
141 96.7 74.9 112.3
116 4.0 3.1 4.7





#50

Acenaphthene

Concen: 1.30 ng/ul

RT: 14.41 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BM003687.D

Acq: 21 Dec 2015 21:42

Instrument :

BNA_M

ClientSampleId :

G9DA7

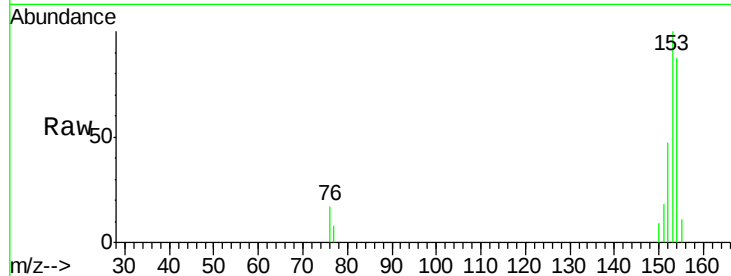
Tgt Ion:153 Resp: 6173

Ion Ratio Lower Upper

153 100

152 46.6 38.3 57.5

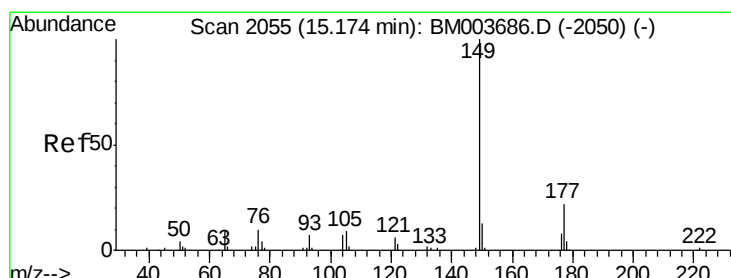
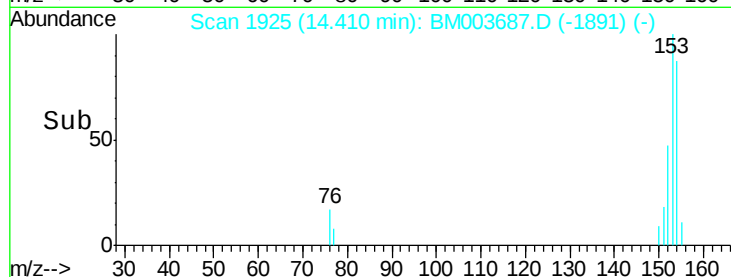
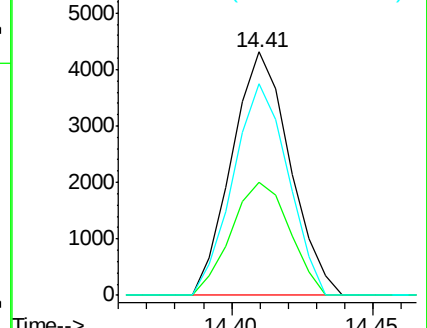
154 87.1 71.8 107.8



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#57

Diethylphthalate

Concen: 1.62 ng/ul

RT: 15.17 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BM003687.D

Acq: 21 Dec 2015 21:42

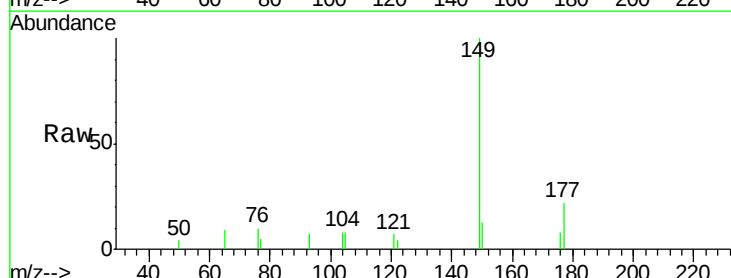
Tgt Ion:149 Resp: 10056

Ion Ratio Lower Upper

149 100

177 22.1 17.4 26.2

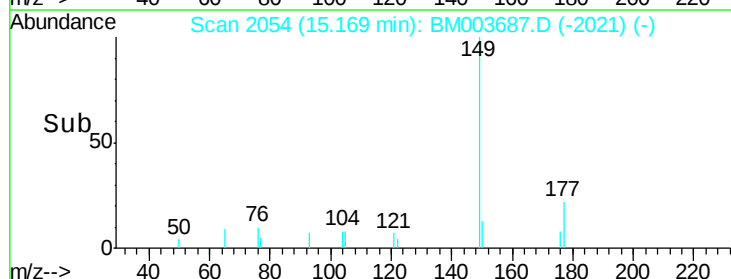
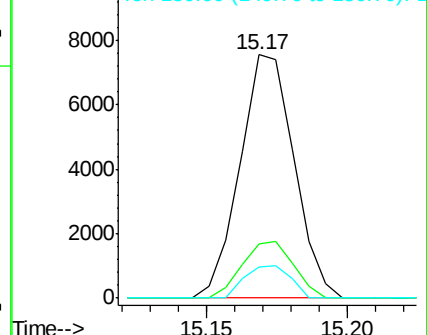
150 12.8 10.0 15.0

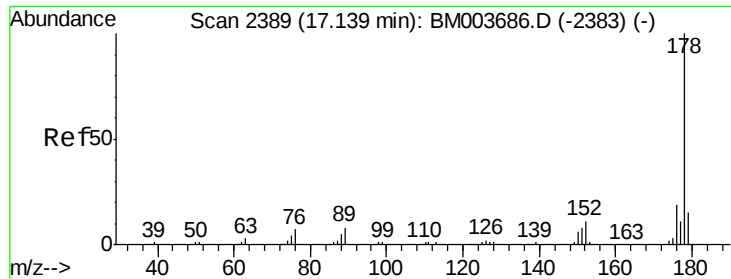


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#70

Phenanthrene

Concen: 2.27 ng/ul

RT: 17.14 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BM003687.D

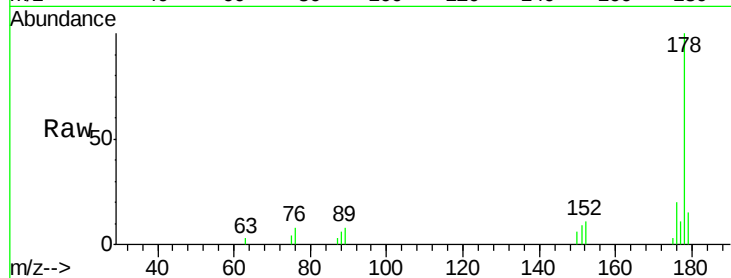
Acq: 21 Dec 2015 21:42

Instrument :

BNA_M

ClientSampleId :

G9DA7



Tgt Ion:178 Resp: 18663

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

176 20.3 15.6 23.4

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

