

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
 Data File : BM003657.D
 Acq On : 20 Dec 2015 16:41
 Operator : UM/SJ
 Sample : G4867-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G9DA0

Quant Time: Dec 23 12:16:42 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 02:19:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	29969	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	143394	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	88404	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	200668	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	222749	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	186490	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	559	1.00	ng/uL	0.00
5) Phenol-d5	6.87	99	20217	8.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	46962	34.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	60030	29.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	41468	18.96	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	39245	37.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	43420	37.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	73655	34.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	983	0.35	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	266564	36.48	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	313394	37.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	9878	6.94	ng/ul	0.00
58) Fluorene-d10	15.34	176	223067	36.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	39812	35.20	ng/ul	0.00
71) Anthracene-d10	17.20	188	346999	38.01	ng/ul	0.00
79) Pyrene-d10	19.50	212	391313	40.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	355186	38.34	ng/ul	0.00

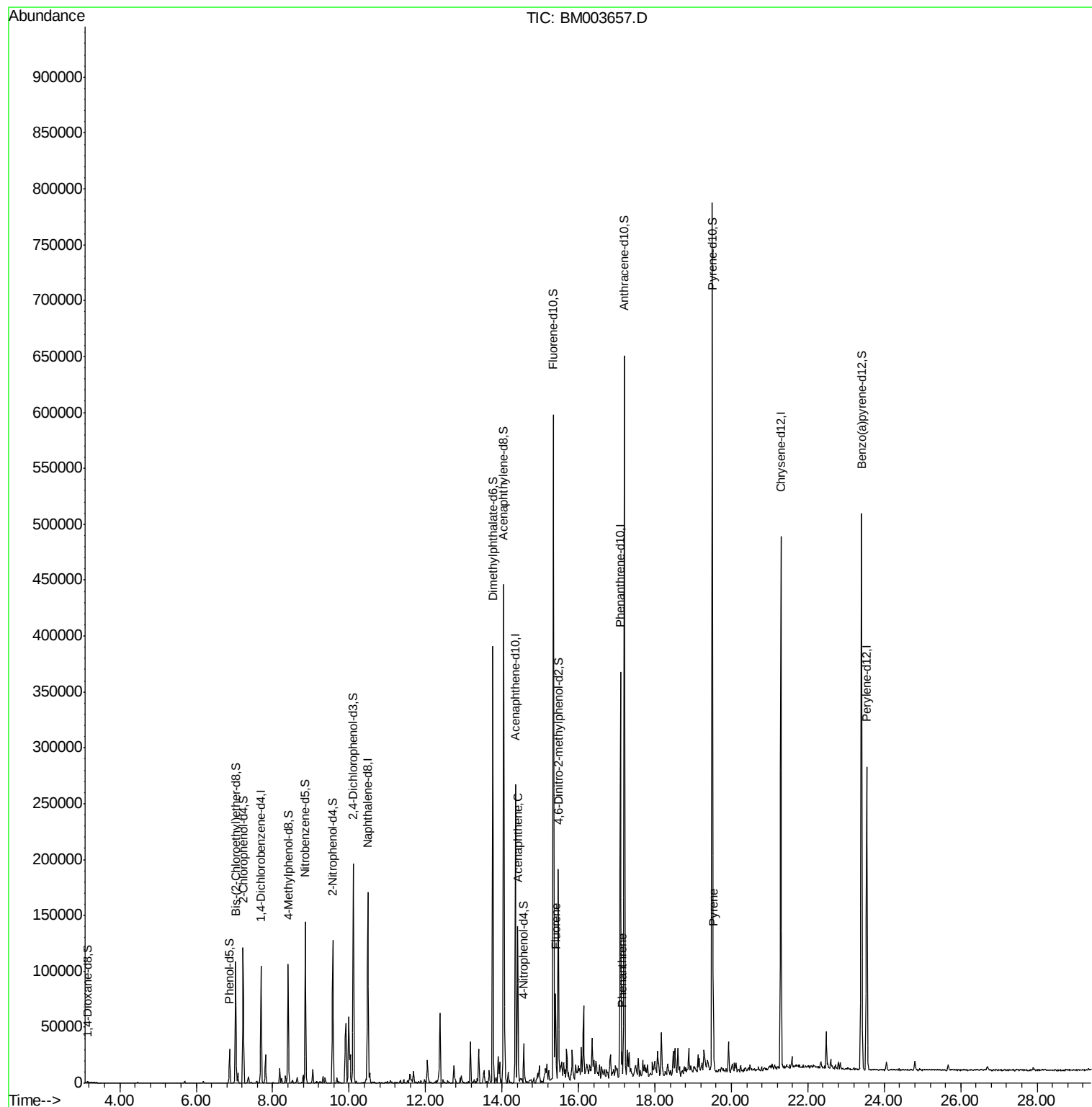
Target Compounds						Ovalue
50) Acenaphthene	14.42	153	57459	9.46	ng/ul	99
59) Fluorene	15.40	166	31175	4.48	ng/ul	97
70) Phenanthrene	17.14	178	12025	1.08	ng/ul	98
80) Pyrene	19.53	202	37665	2.94	ng/ul	100

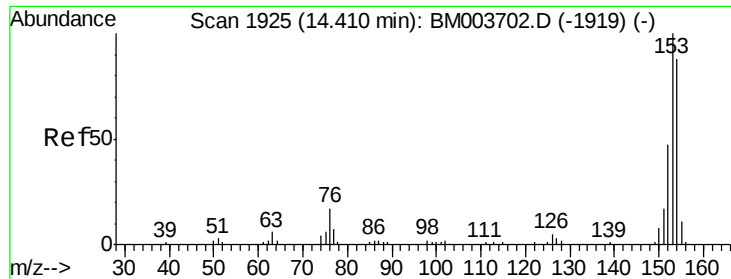
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#50

Acenaphthene

Concen: 9.46 ng/ul

RT: 14.42 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BM003657.D

Acq: 20 Dec 2015 16:41

Instrument :

BNA_M

ClientSampled :

G9DA0

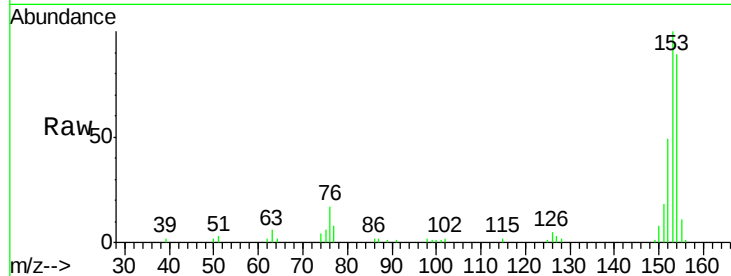
Tot Ion:153 Resp: 57459

Ion Ratio Lower Upper

153 100

152 48.5 38.3 57.5

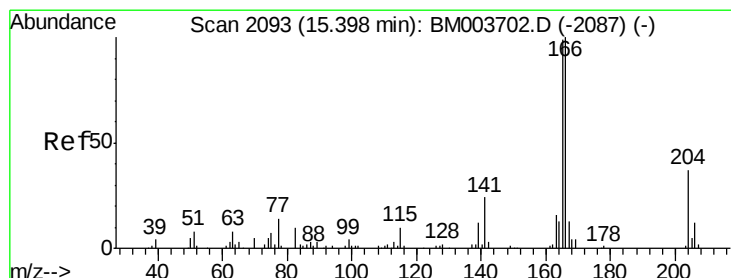
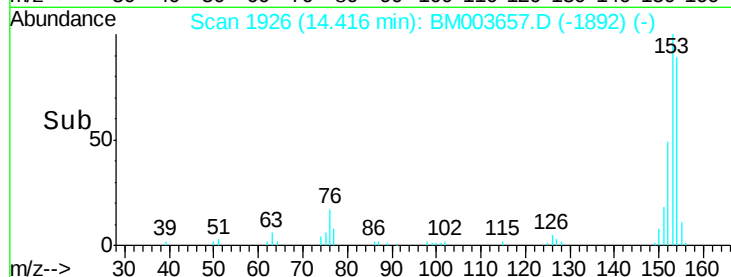
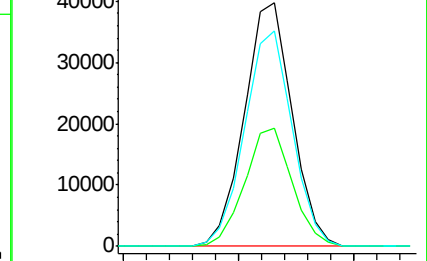
154 88.5 71.8 107.8



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



#59

Fluorene

Concen: 4.48 ng/ul

RT: 15.40 min Scan# 2093

Delta R.T. -0.01 min

Lab File: BM003657.D

Acq: 20 Dec 2015 16:41

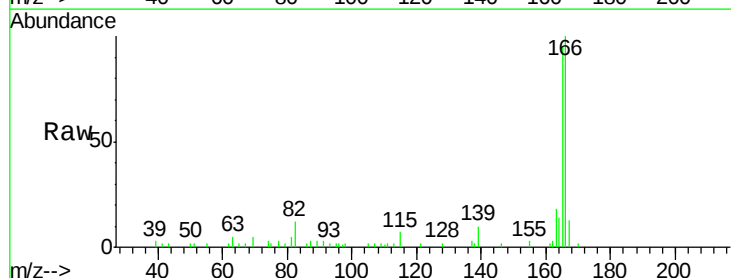
Tgt Ion:166 Resp: 31175

Ion Ratio Lower Upper

166 100

165 94.7 78.5 117.7

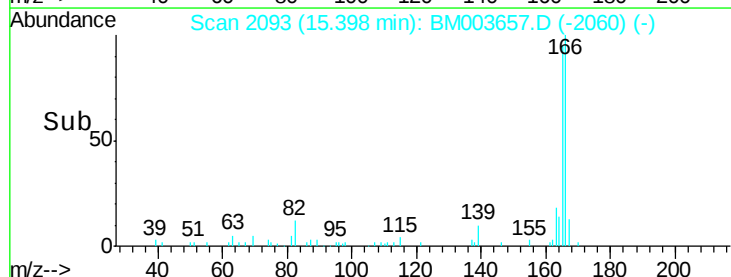
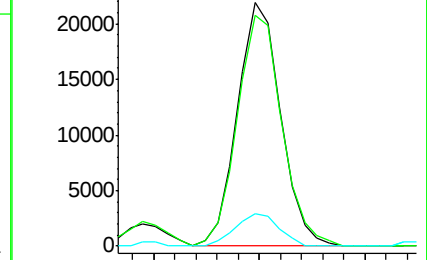
167 13.3 10.7 16.1

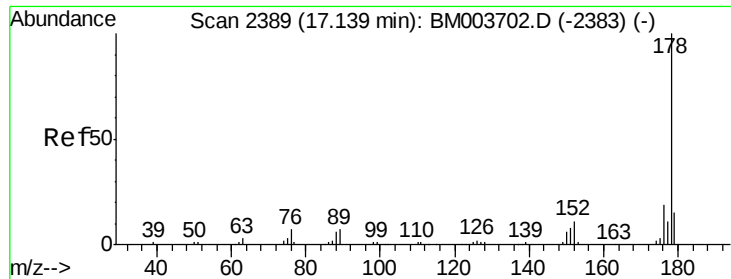


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 1.08 ng/ul

RT: 17.14 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BM003657.D

Acq: 20 Dec 2015 16:41

Instrument :

BNA_M

ClientSampleId :

G9DA0

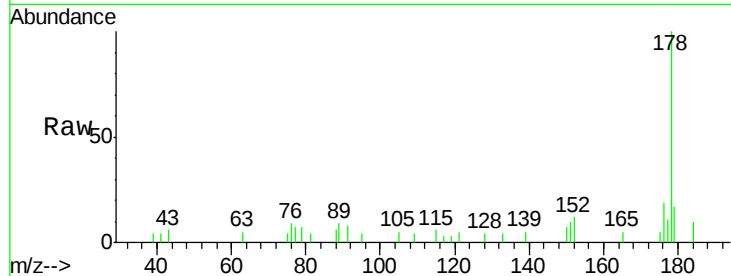
Tot Ion:178 Resp: 12025

Ion Ratio Lower Upper

178 100

179 16.8 12.2 18.4

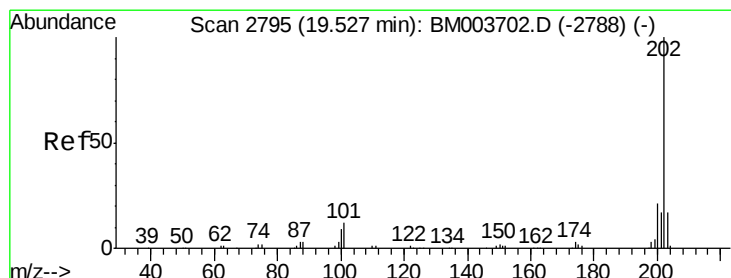
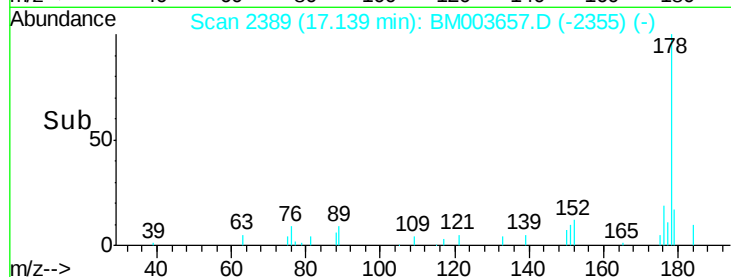
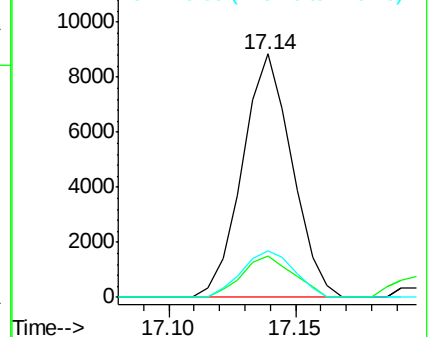
176 19.2 15.6 23.4



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



#80

Pyrene

Concen: 2.94 ng/ul

RT: 19.53 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BM003657.D

Acq: 20 Dec 2015 16:41

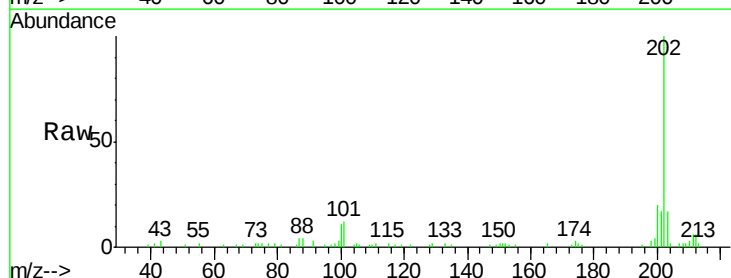
Tgt Ion:202 Resp: 37665

Ion Ratio Lower Upper

202 100

101 12.4 10.2 15.2

100 10.6 8.5 12.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

