

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122115\
 Data File : BM003691.D
 Acq On : 22 Dec 2015 00:06
 Operator : UM/SJ
 Sample : G4867-04DL 100X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G9DA1DL

Quant Time: Dec 22 11:28:16 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	29029	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	120679	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.34	164	65017	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	144482	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	159354	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	156605	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	13.76	166	1689	0.31	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	2007	0.33	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.34	176	1942	0.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.19	188	2469	0.38	ng/ul	0.00
79) Pyrene-d10	19.49	212	2641	0.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	2573	0.33	ng/ul	0.00

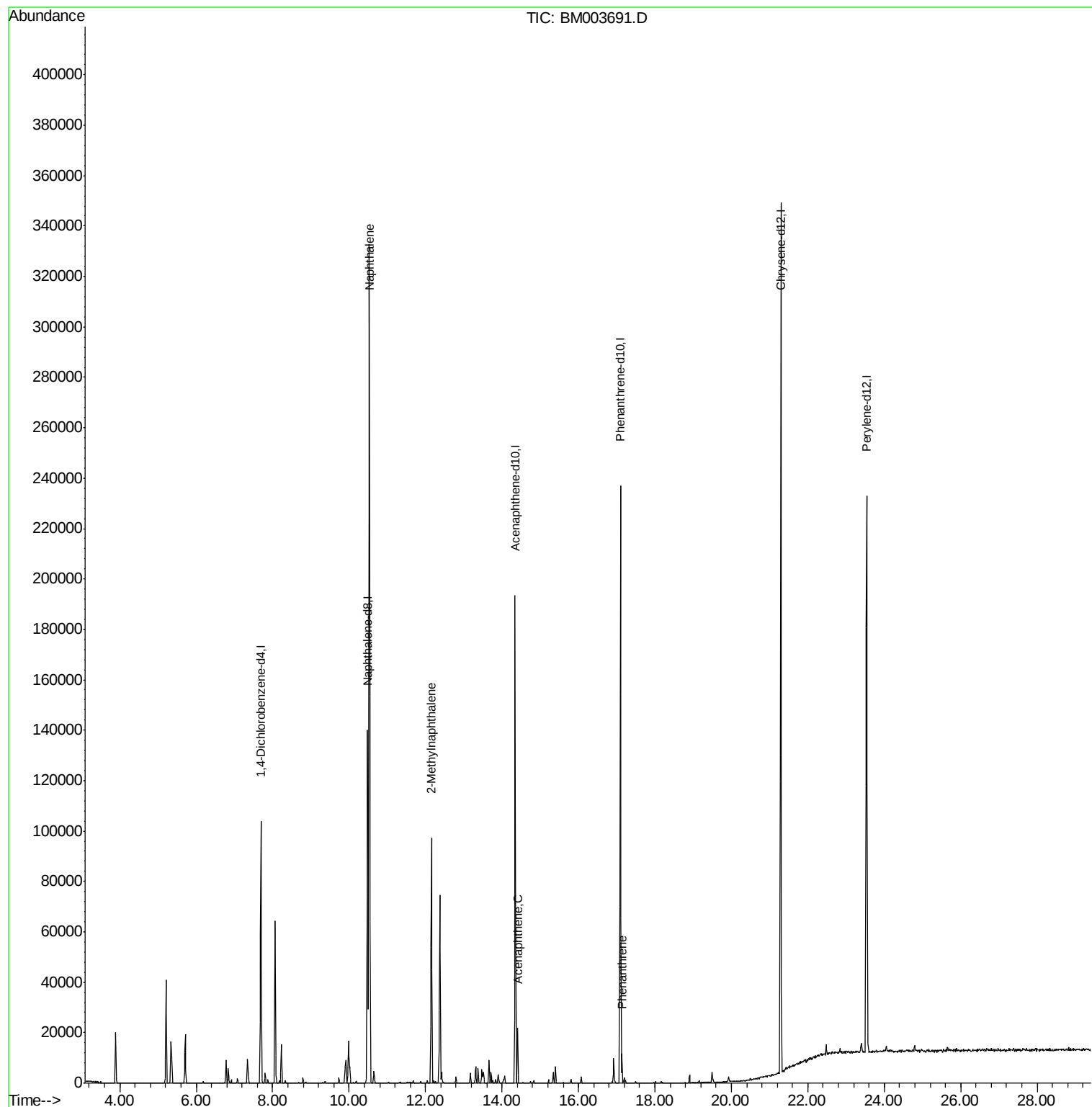
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.53	128	285562	45.93	ng/ul	99
34) 2-Methylnaphthalene	12.15	142	47662	10.26	ng/ul	99
50) Acenaphthene	14.41	153	10019	2.24	ng/ul	96
70) Phenanthrene	17.14	178	8434	1.06	ng/ul	98

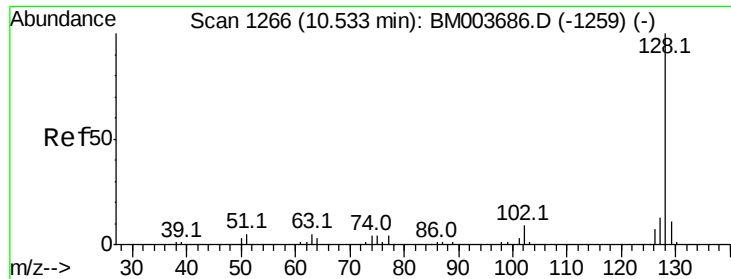
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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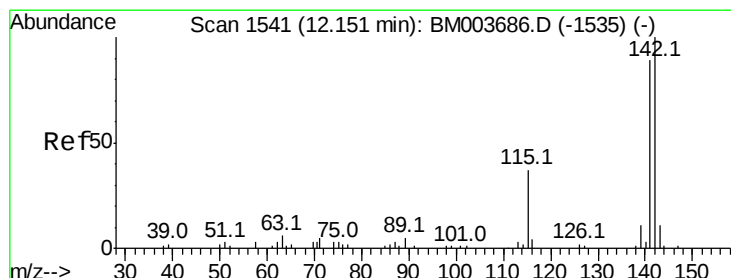
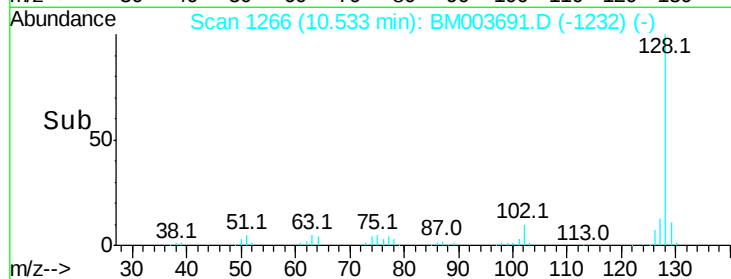
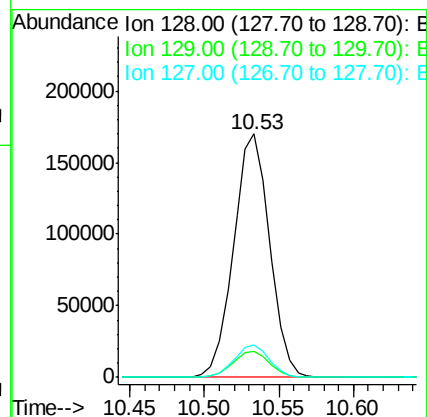
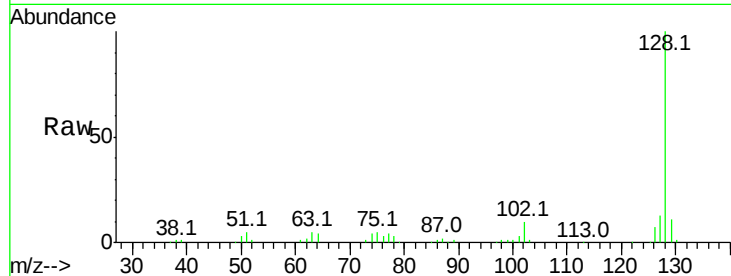




#28
Naphthalene
Concen: 45.93 ng/ul
RT: 10.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BM003691.D
Acq: 22 Dec 2015 00:06

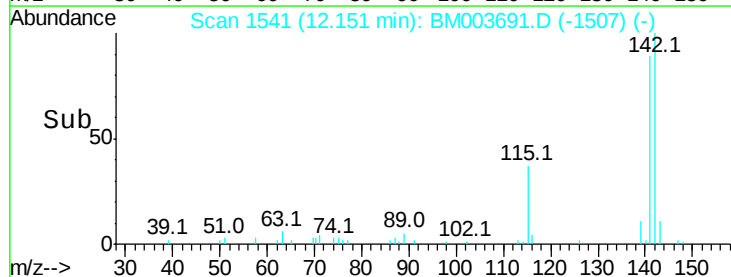
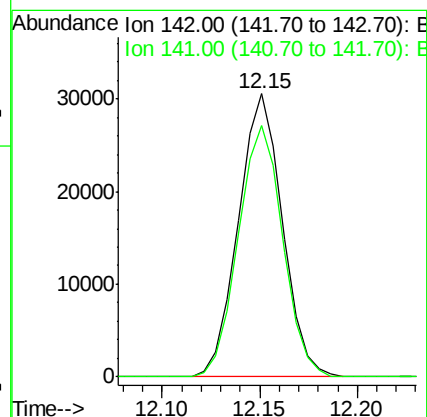
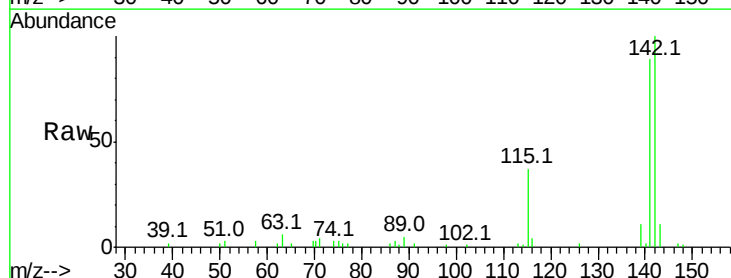
Instrument :
BNA_M
ClientSampleId :
G9DA1DL

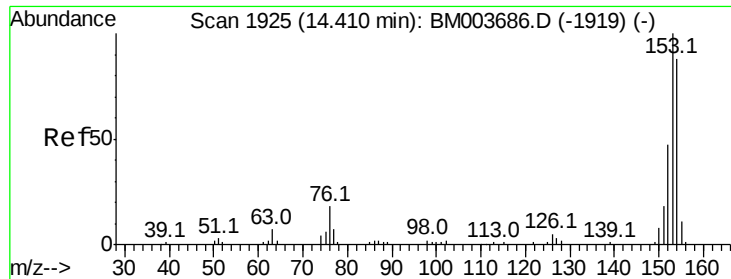
Tot Ion:128 Resp: 285562
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.4 10.5 15.7



#34
2-Methylnaphthalene
Concen: 10.26 ng/ul
RT: 12.15 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BM003691.D
Acq: 22 Dec 2015 00:06

Tgt Ion:142 Resp: 47662
Ion Ratio Lower Upper
142 100
141 88.6 71.6 107.4





#50

Acenaphthene

Concen: 2.24 ng/ul

RT: 14.41 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BM003691.D

Acq: 22 Dec 2015 00:06

Instrument :

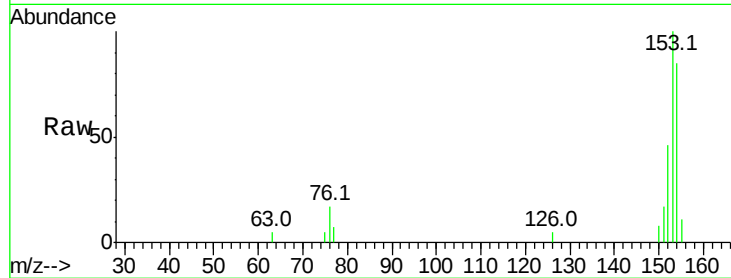
BNA_M

ClientSampleID :

G9DA1DL

Tot Ion:153 Resp: 10019

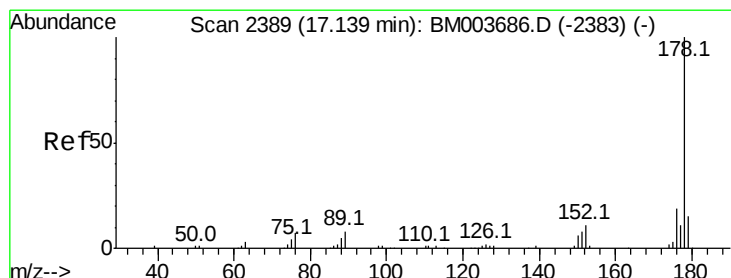
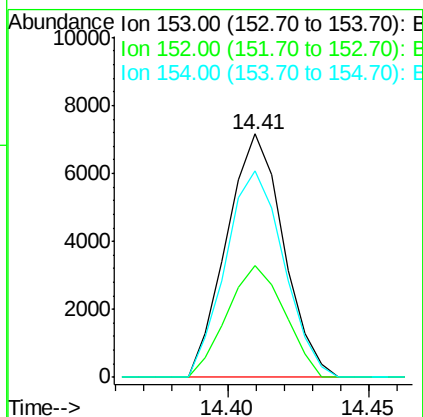
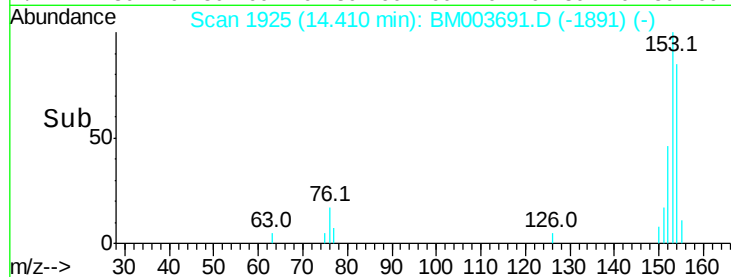
Ion	Ratio	Lower	Upper
153	100		
152	46.0	38.3	57.5
154	84.9	71.8	107.8



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



#70

Phenanthrene

Concen: 1.06 ng/ul

RT: 17.14 min Scan# 2389

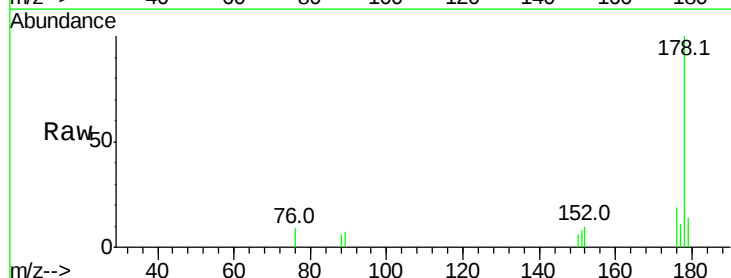
Delta R.T. 0.00 min

Lab File: BM003691.D

Acq: 22 Dec 2015 00:06

Tgt Ion:178 Resp: 8434

Ion	Ratio	Lower	Upper
178	100		
179	14.3	12.2	18.4
176	18.9	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

