

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111416\
 Data File : BM007874.D
 Acq On : 15 Nov 2016 02:29
 Operator : UM/SJ
 Sample : H5610-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD4M2

Quant Time: Nov 15 03:54:39 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 15 03:45:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	203621	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	805942	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	537010	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	1061893	20.00	ng/ul	0.00
75) Chrysene-d12	21.30	240	1205835	20.00	ng/ul	0.00
83) Perylene-d12	23.55	264	1178198	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	21594	4.54	ng/uL	0.00
5) Phenol-d5	6.91	99	366082	23.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	249997	26.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	305331	25.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	225119	18.31	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	160470	27.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	173942	28.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	299251	24.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	285302	20.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	1058371	28.95	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	1213234	27.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	105611	18.27	ng/ul	0.00
57) Fluorene-d10	15.36	176	926372	28.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	116546	18.47	ng/ul	0.00
70) Anthracene-d10	17.22	188	1390833	29.06	ng/ul	0.00
76) Pyrene-d10	19.52	212	1601959	32.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.41	264	1505539	29.27	ng/ul	0.00

Target Compounds

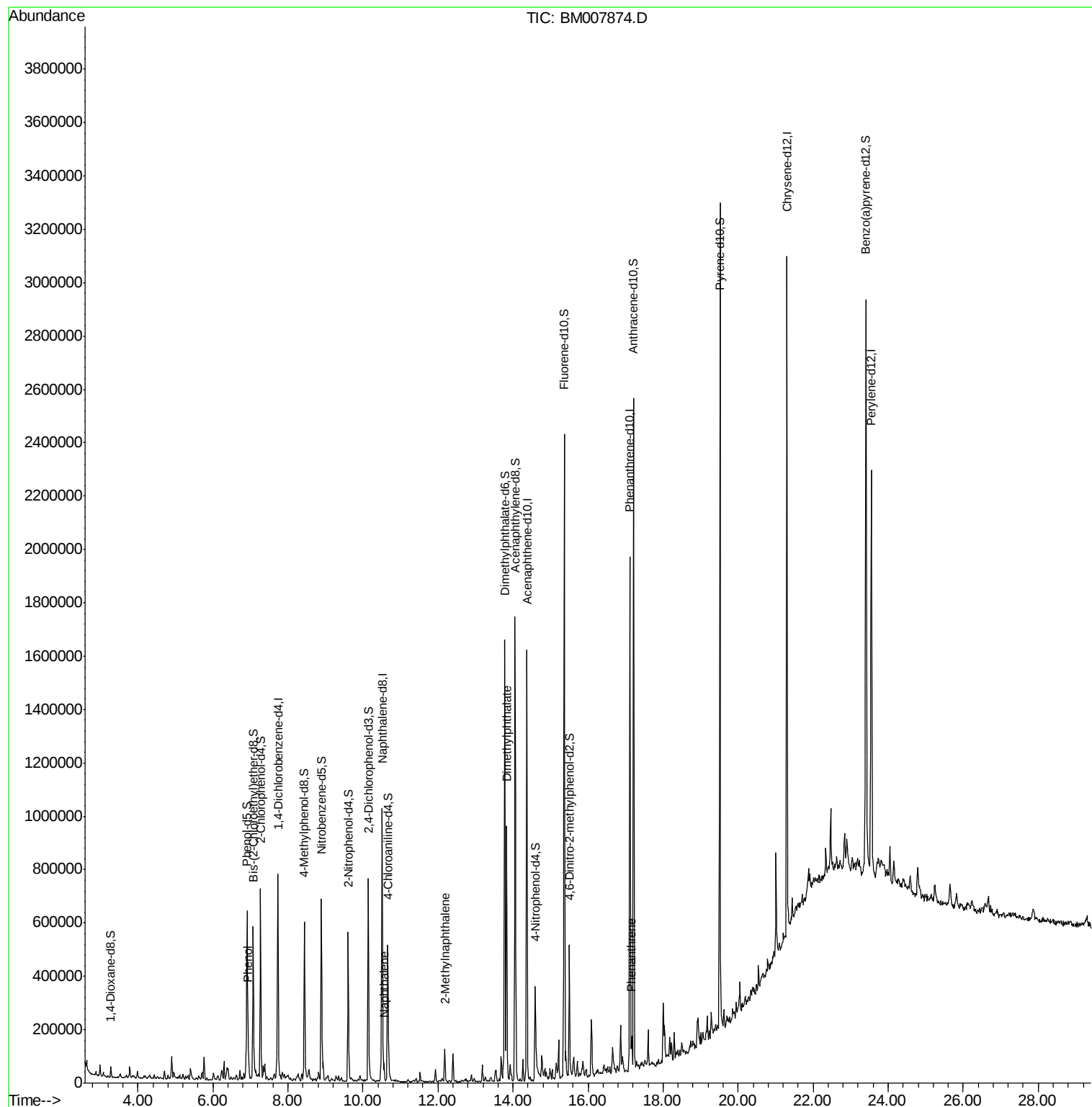
						Qvalue
6) Phenol	6.94	94	67303	4.17	ng/ul	95
28) Naphthalene	10.56	128	53529	1.37	ng/ul	97
34) 2-Methylnaphthalene	12.18	142	62643	2.25	ng/ul	96
44) Dimethylphthalate	13.83	163	576813	16.24	ng/ul	100
69) Phenanthrene	17.16	178	73134	1.30	ng/ul	98

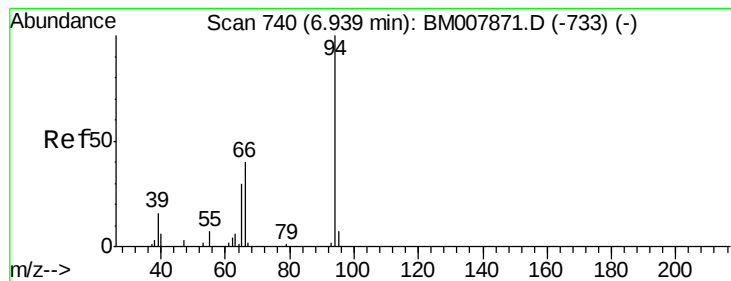
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.17 ng/ul

RT: 6.94 min Scan# 740

Delta R.T. 0.00 min

Lab File: BM007874.D

Acq: 15 Nov 2016 02:29

Instrument :

BNA_M

ClientSampleId :

BD4M2

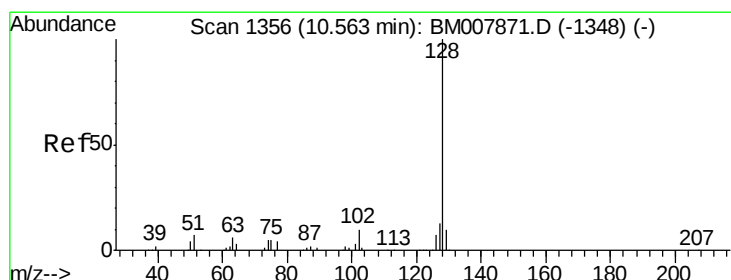
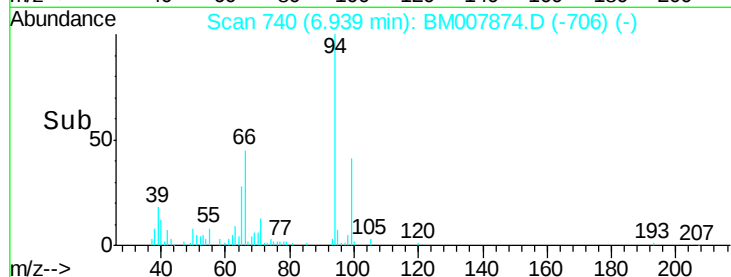
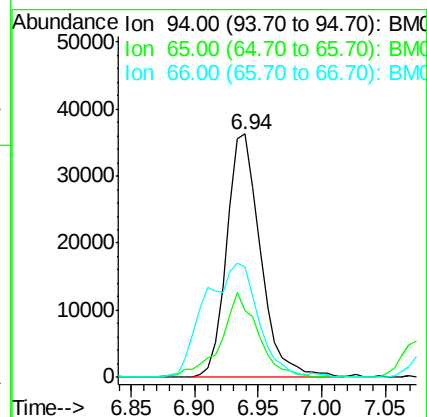
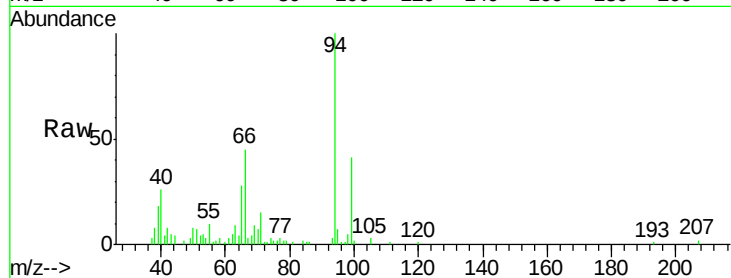
Tgt Ion: 94 Resp: 67303

Ion Ratio Lower Upper

94 100

65 27.6 23.9 35.9

66 45.4 33.5 50.3



#28

Naphthalene

Concen: 1.37 ng/ul

RT: 10.56 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BM007874.D

Acq: 15 Nov 2016 02:29

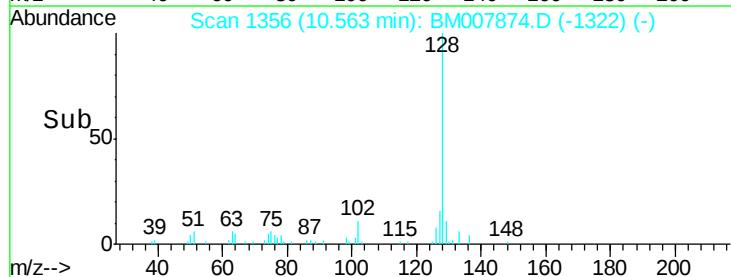
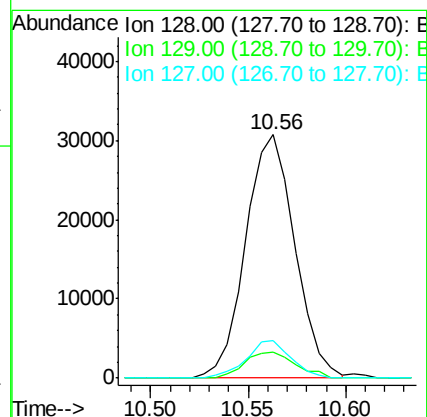
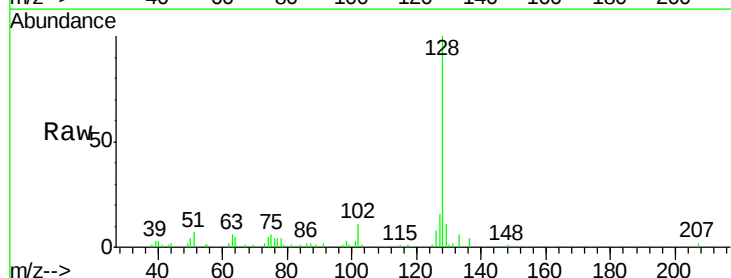
Tgt Ion: 128 Resp: 53529

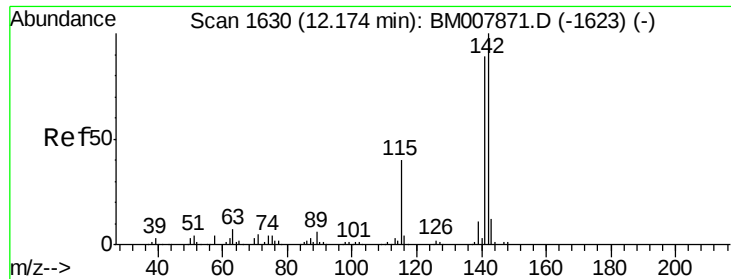
Ion Ratio Lower Upper

128 100

129 10.6 8.6 12.8

127 15.6 10.6 15.8

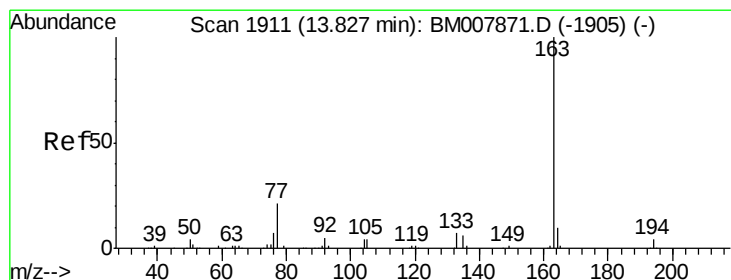
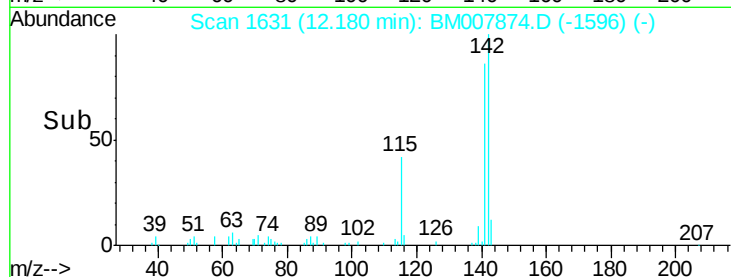
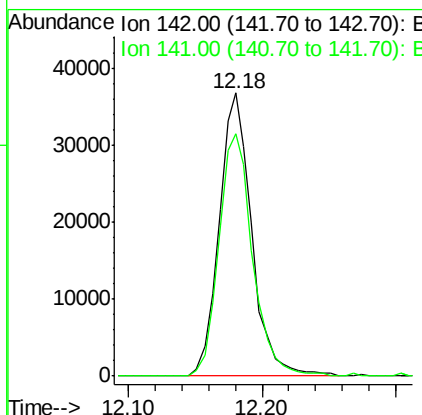
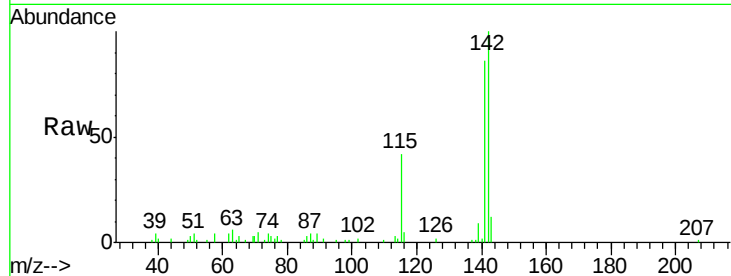




#34
2-Methylnaphthalene
Concen: 2.25 ng/ul
RT: 12.18 min Scan# 1631
Delta R.T. 0.01 min
Lab File: BM007874.D
Acq: 15 Nov 2016 02:29

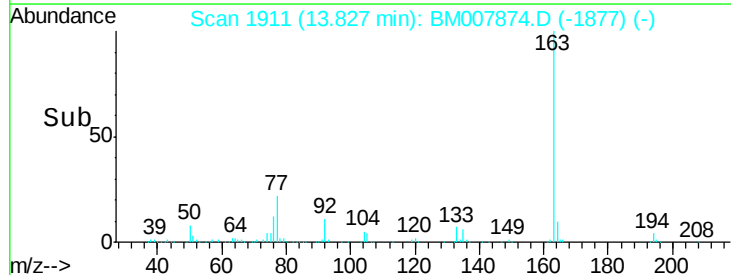
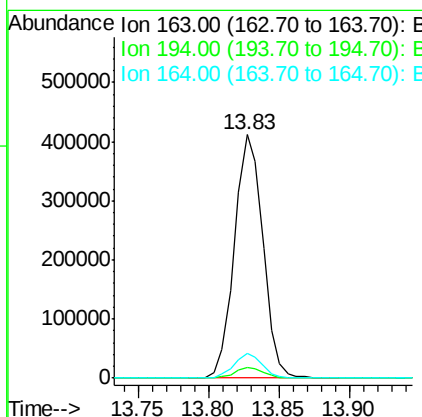
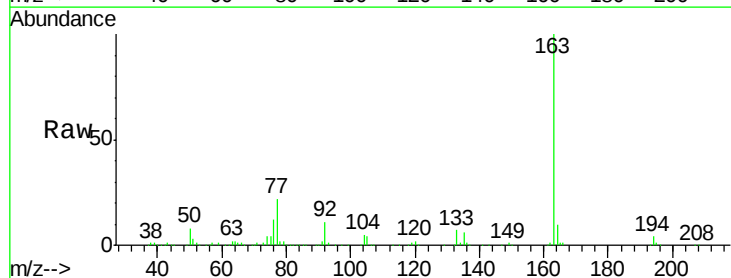
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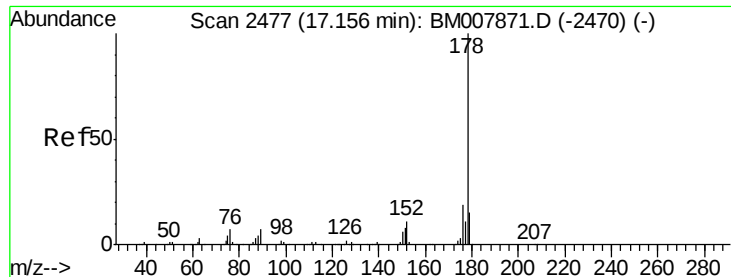
Tgt Ion:142 Resp: 62643
Ion Ratio Lower Upper
142 100
141 85.7 71.3 106.9



#44
Dimethylphthalate
Concen: 16.24 ng/ul
RT: 13.83 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BM007874.D
Acq: 15 Nov 2016 02:29

Tgt Ion:163 Resp: 576813
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.9 7.8 11.8





#69

Phenanthrene

Concen: 1.30 ng/ul

RT: 17.16 min Scan# 2477

Delta R.T. 0.00 min

Lab File: BM007874.D

Acq: 15 Nov 2016 02:29

Instrument :

BNA_M

ClientSampleId :

BD4M2

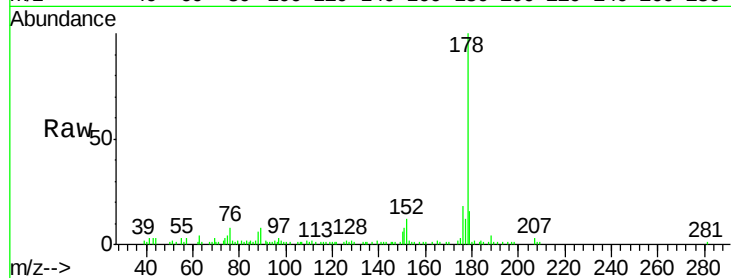
Tgt Ion:178 Resp: 73134

Ion Ratio Lower Upper

178 100

179 16.2 12.2 18.2

176 18.0 15.1 22.7



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

