

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
 Data File : BM013009.D
 Acq On : 17 Nov 2017 20:50
 Operator : SJ/JU
 Sample : I6451-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE2X0

Quant Time: Nov 17 23:33:07 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 17 23:30:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	129897	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	519050	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	313559	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	762656	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	931195	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	948579	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	17661	6.30	ng/uL	0.00
5) Phenol-d5	6.89	99	85551	7.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	229153	35.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	259773	28.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	169483	18.39	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	162350	43.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	163824	46.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	310154	34.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	1966	0.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	1128122	41.02	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	1325485	37.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	37221	8.92	ng/ul	0.00
57) Fluorene-d10	15.36	176	950163	40.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	150061	45.38	ng/ul	0.00
70) Anthracene-d10	17.20	188	1586692	40.64	ng/ul	0.00
76) Pyrene-d10	19.50	212	1858253	39.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.38	264	2026496	42.13	ng/ul	0.00

Target Compounds

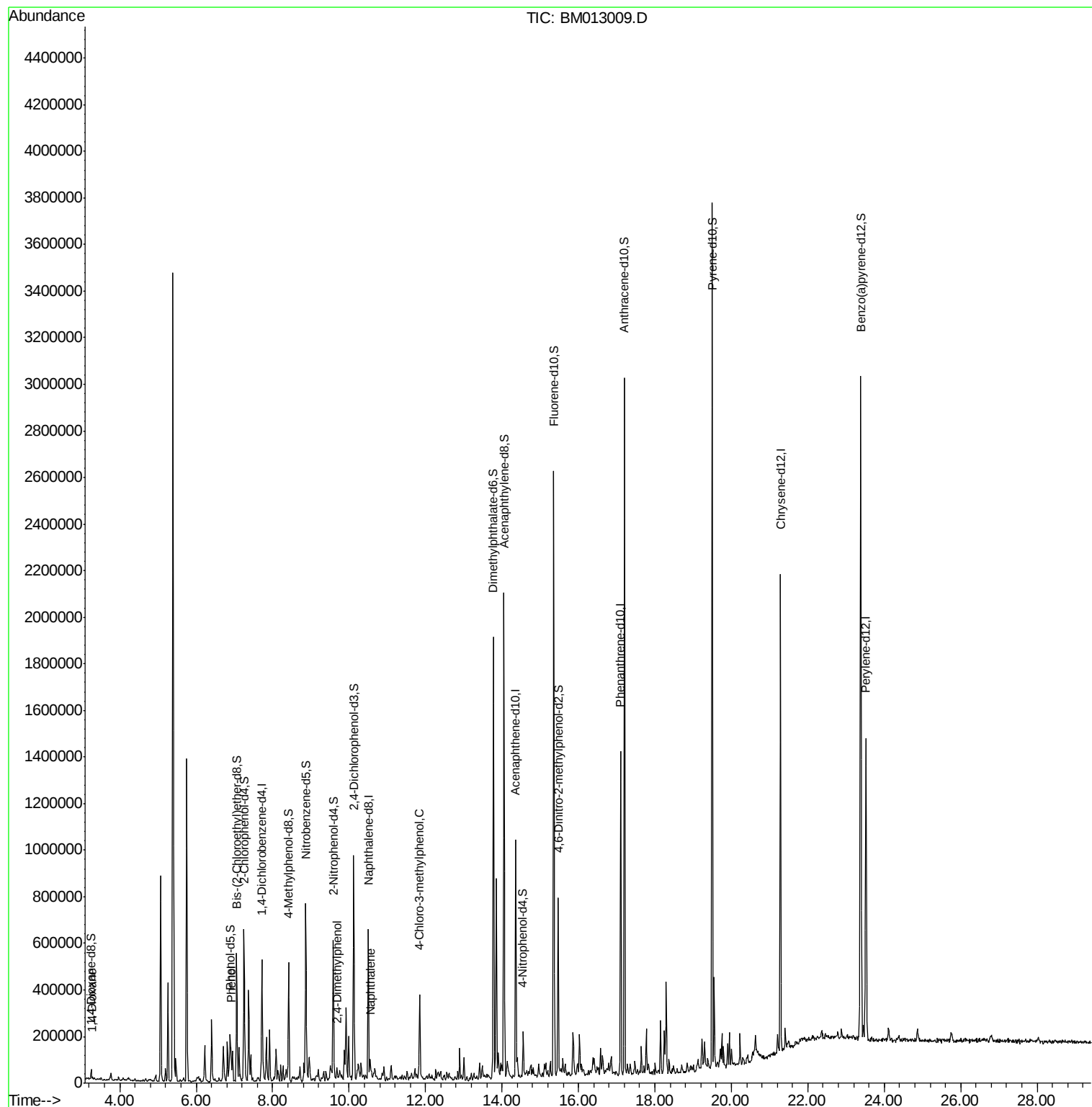
					Ovalue	
2) 1,4-Dioxane	3.28	88	3758	1.22	ng/uL#	68
6) Phenol	6.91	94	64140	5.78	ng/ul#	88
24) 2,4-Dimethylphenol	9.68	107	18181	1.80	ng/ul	91
28) Naphthalene	10.55	128	64274	2.40	ng/ul	96
33) 4-Chloro-3-methylphenol	11.85	107	78949	8.93	ng/ul#	21

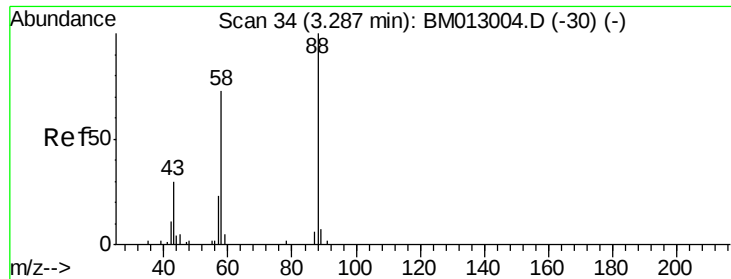
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.22 ng/uL

RT: 3.28 min Scan# 33

Delta R.T. -0.01 min

Lab File: BM013009.D

Acq: 17 Nov 2017 20:50

Instrument :

BNA_M

ClientSampleId :

BE2X0

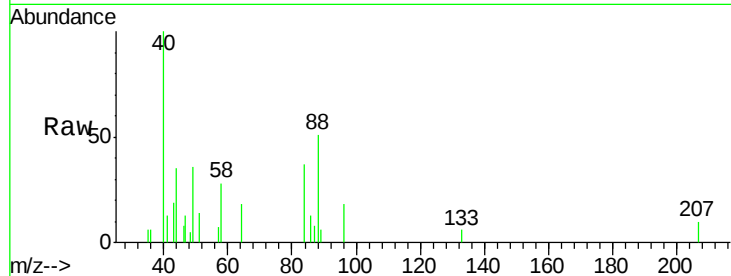
Tot Ion: 88 Resp: 3758

Ion Ratio Lower Upper

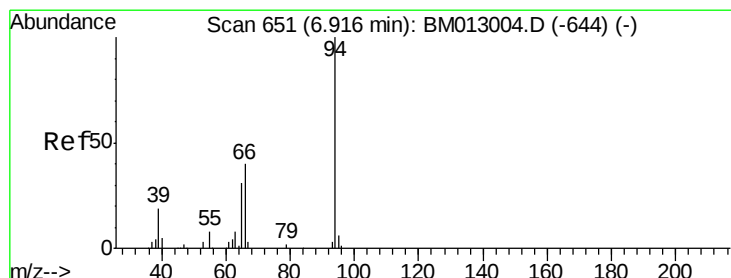
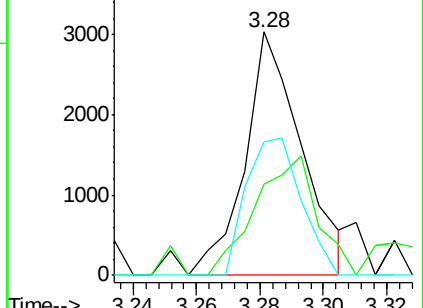
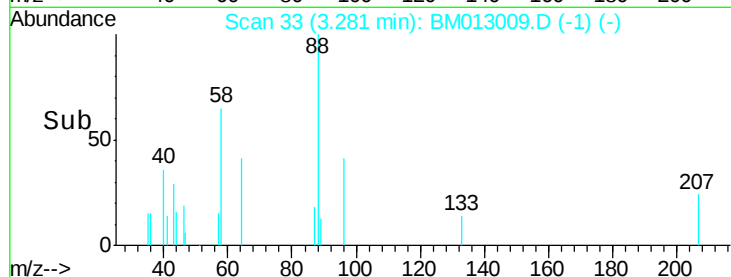
88 100

43 53.5 48.0 72.0

58 54.6 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM013009.D (-1) (-)



#6

Phenol

Concen: 5.78 ng/uL

RT: 6.91 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM013009.D

Acq: 17 Nov 2017 20:50

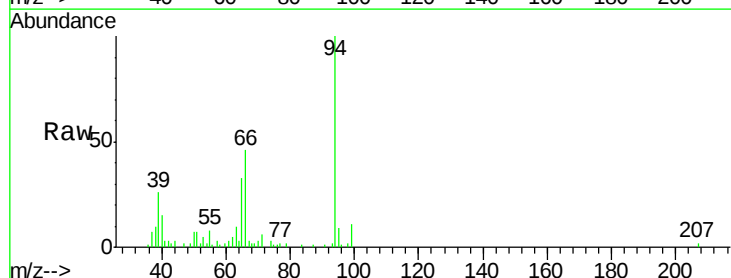
Tgt Ion: 94 Resp: 64140

Ion Ratio Lower Upper

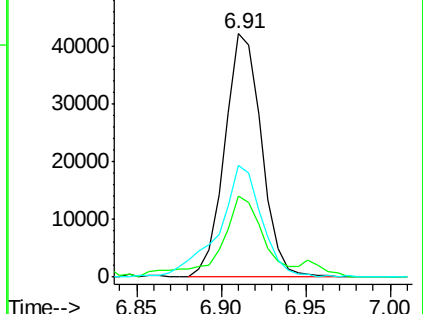
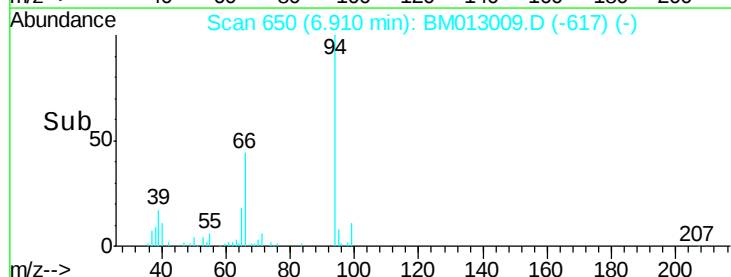
94 100

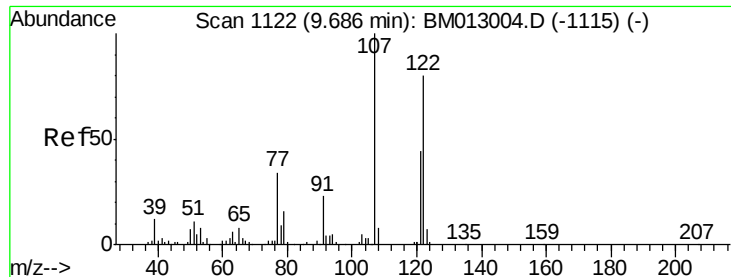
65 33.1 28.2 42.4

66 45.8 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013009.D (-617) (-)





#24

2,4-Dimethylphenol

Concen: 1.80 ng/ul

RT: 9.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BM013009.D

Acq: 17 Nov 2017 20:50

Instrument :

BNA_M

ClientSampleId :

BE2X0

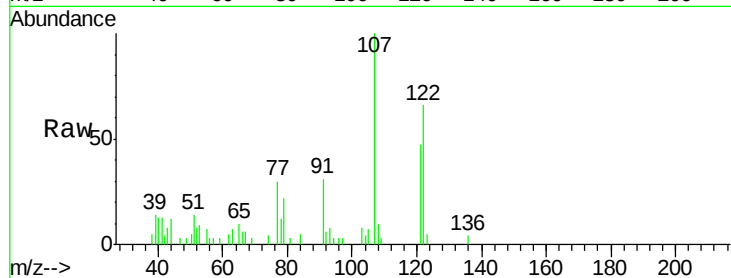
Tot Ion:107 Resp: 18181

Ion Ratio Lower Upper

107 100

121 46.7 31.9 47.9

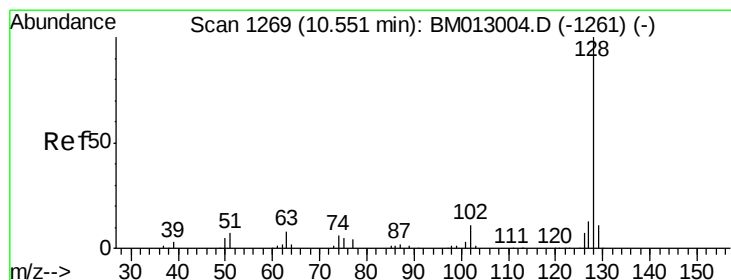
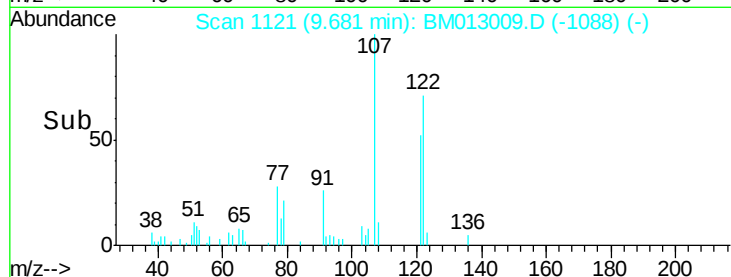
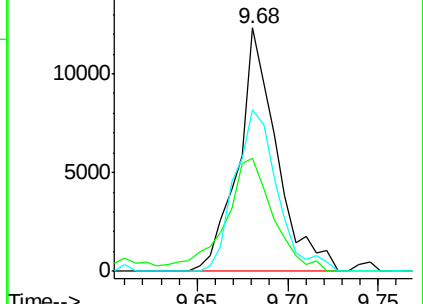
122 66.2 57.8 86.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#28

Naphthalene

Concen: 2.40 ng/ul

RT: 10.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BM013009.D

Acq: 17 Nov 2017 20:50

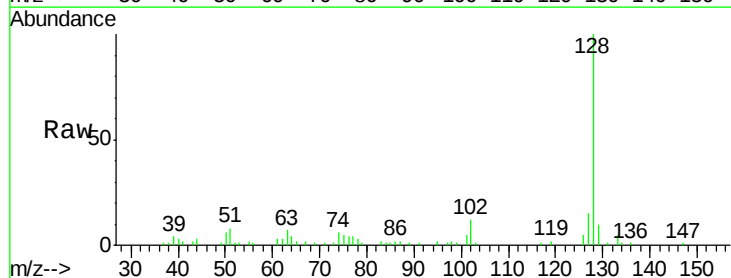
Tgt Ion:128 Resp: 64274

Ion Ratio Lower Upper

128 100

129 9.9 8.8 13.2

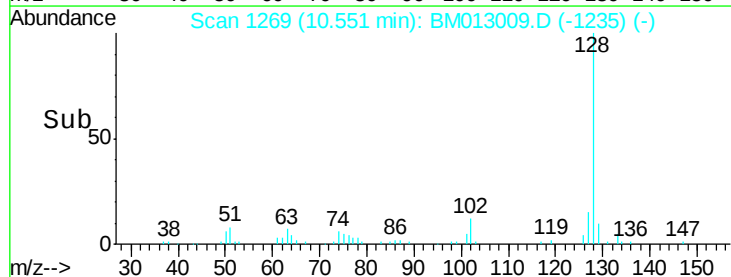
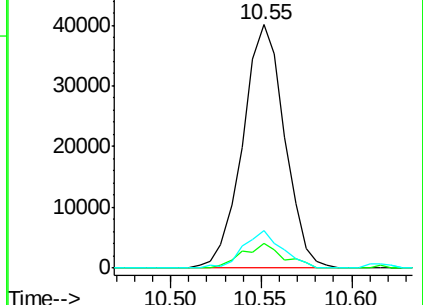
127 15.3 10.6 16.0

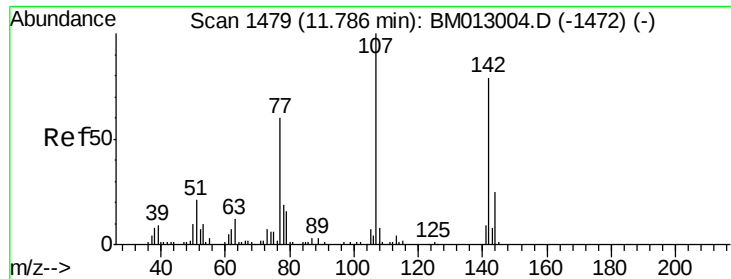


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

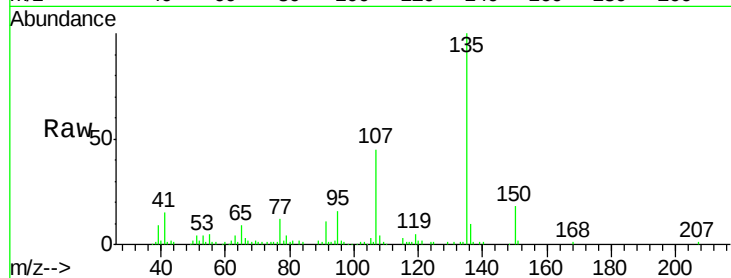




#33
 4-Chloro-3-methylphenol
 Concen: 8.93 ng/ul
 RT: 11.85 min Scan# 1489
 Delta R.T. 0.06 min
 Lab File: BM013009.D
 Acq: 17 Nov 2017 20:50

Instrument :
 BNA_M
 ClientSampleId :
 BE2X0

Tot Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.4	30.6#
142	0.0	60.5	90.7#



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

