

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092317\
 Data File : BM011706.D
 Acq On : 23 Sep 2017 15:30
 Operator : SJ/JU
 Sample : I5324-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 25 02:02:11 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 25 01:59:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	183376	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	748806	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	395625	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.32	188	888028	20.00	ng/ul	0.00
78) Chrysene-d12	21.49	240	983922	20.00	ng/ul	0.00
86) Perylene-d12	23.85	264	1021812	20.00	ng/ul	0.00

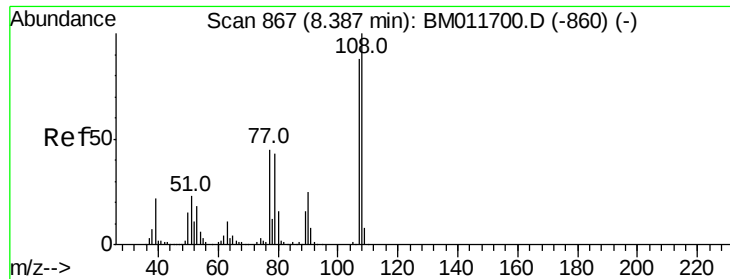
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.38	96	24300	5.96	ng/uL	0.00
5) Phenol-d5	7.10	99	109400	6.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.27	67	383205	32.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.48	132	347763	26.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	199925	14.54	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	210323	37.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	226227	38.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	367886	30.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	15822	1.21	ng/ul	0.01
44) Dimethylphthalate-d6	13.99	166	1270446	37.98	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	1467026	36.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	40030	6.37	ng/ul	0.00
58) Fluorene-d10	15.57	176	1031810	35.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	188622	36.50	ng/ul	0.00
71) Anthracene-d10	17.42	188	1677160	38.35	ng/ul	0.00
79) Pyrene-d10	19.71	212	1887557	40.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.70	264	1856226	38.12	ng/ul	0.00

Target Compounds

					Ovalue	
11) 2-Methylphenol	8.31	108	61637	4.651	ng/ul	94
20) Nitrobenzene	9.17	77	5653925	423.000	ng/ul	97
23) 2-Nitrophenol	9.87	139	50080	8.066	ng/ul#	93
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	38273	3.261	ng/ul	97
53) 4-Nitrophenol	14.78	109	6707	1.660	ng/ul#	68
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	268532	22.693	ng/uL	98

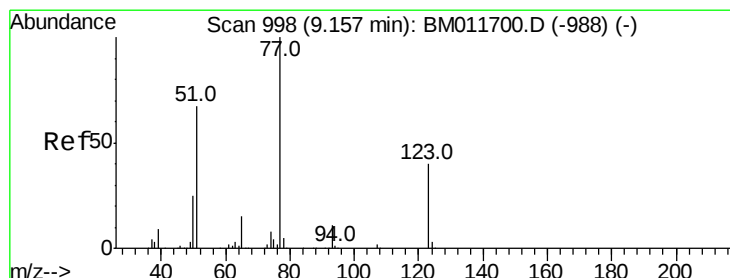
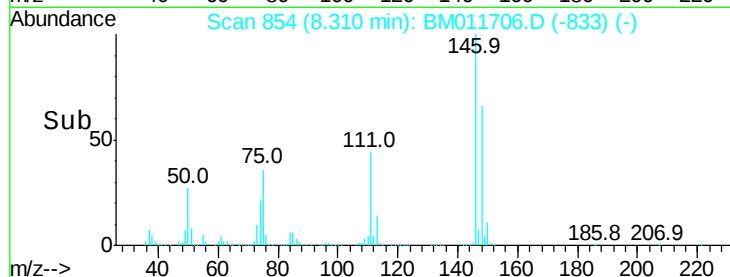
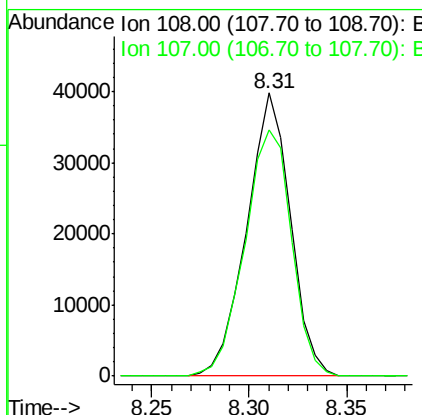
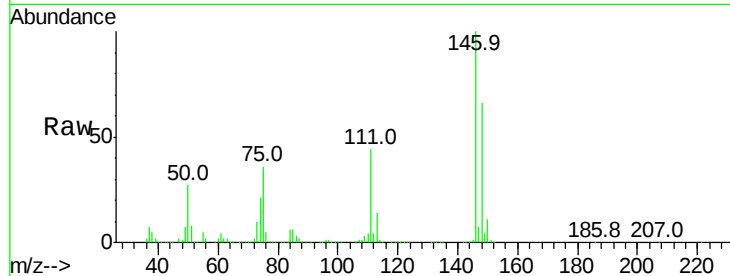
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#11
2-Methylphenol
Concen: 4.651 ng/ul
RT: 8.31 min Scan# 854
Delta R.T. -0.08 min
Lab File: BM011706.D
Acq: 23 Sep 2017 15:30

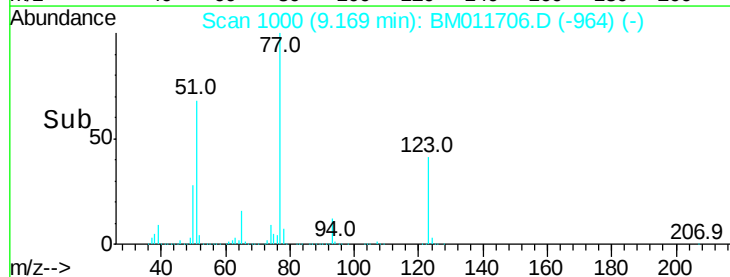
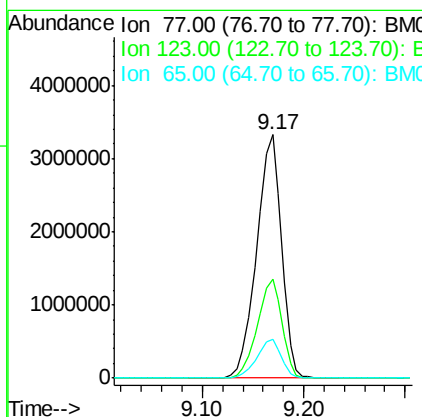
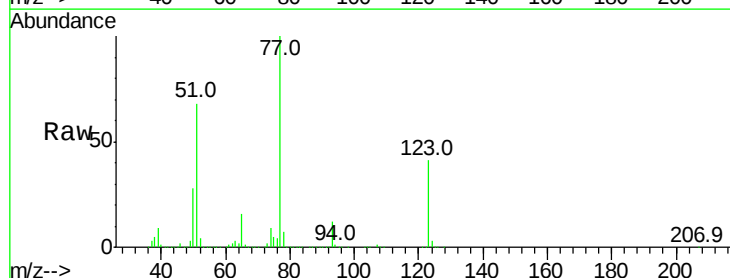
Instrument :
BNA_M
ClientSampleId :

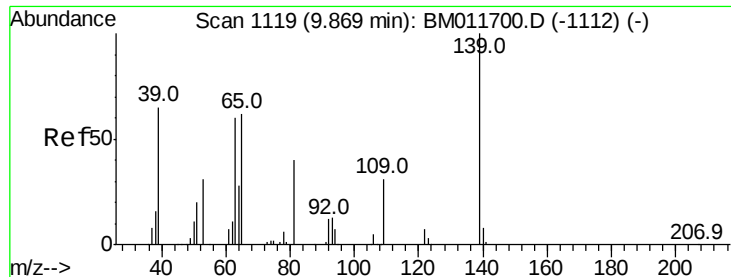
Tot Ion:108 Resp: 61637
Ion Ratio Lower Upper
108 100
107 87.2 74.1 111.1



#20
Nitrobenzene
Concen: 423.000 ng/ul
RT: 9.17 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BM011706.D
Acq: 23 Sep 2017 15:30

Tgt Ion: 77 Resp: 5653925
Ion Ratio Lower Upper
77 100
123 40.9 31.8 47.8
65 15.7 10.6 16.0

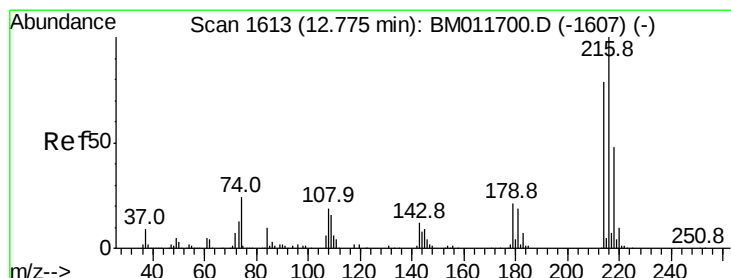
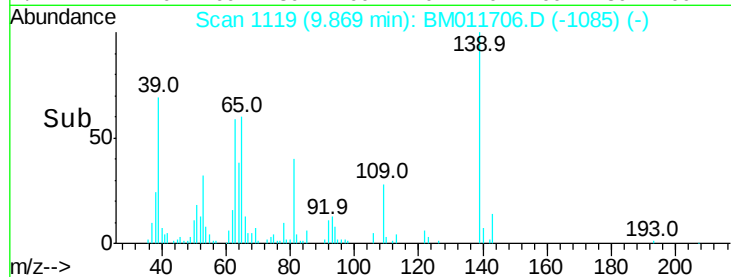
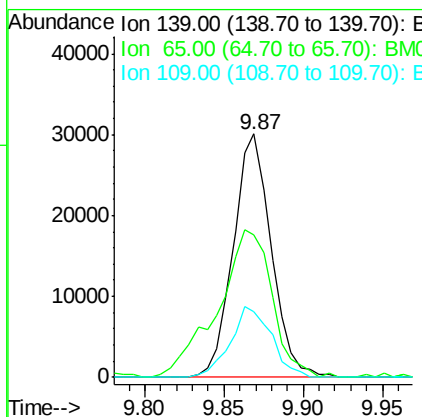
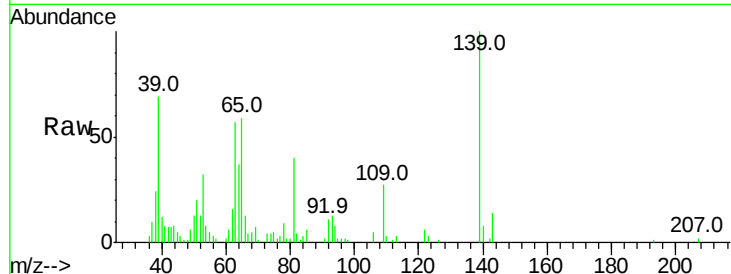




#23
 2-Nitrophenol
 Concen: 8.066 ng/ul
 RT: 9.87 min Scan# 1119
 Delta R.T. 0.00 min
 Lab File: BM011706.D
 Acq: 23 Sep 2017 15:30

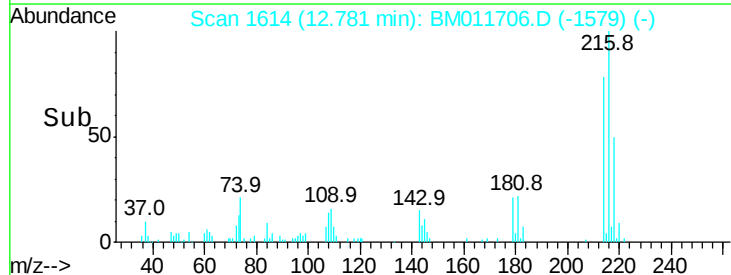
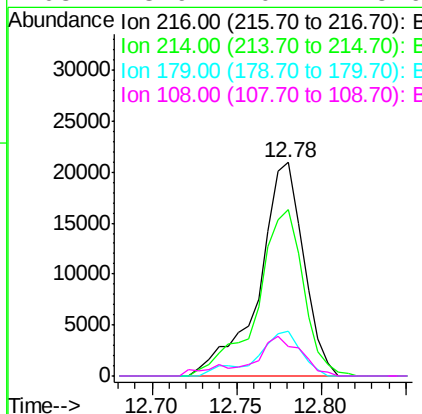
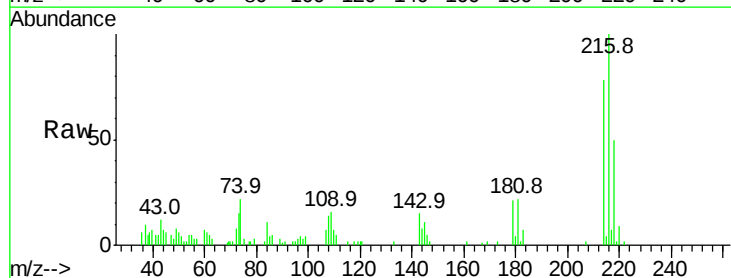
Instrument :
 BNA_M
 ClientSampleId :

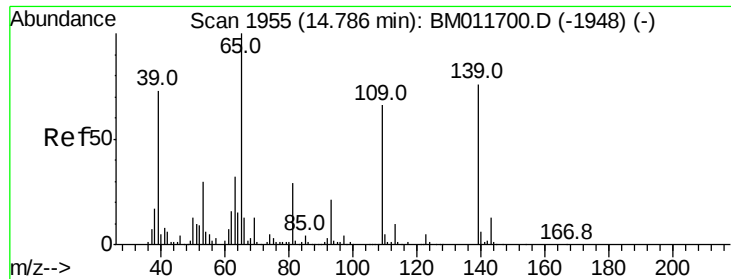
Tot Ion:139 Resp: 50080
 Ion Ratio Lower Upper
 139 100
 65 58.5 45.3 67.9
 109 26.9 27.7 41.5#



#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.261 ng/ul
 RT: 12.78 min Scan# 1614
 Delta R.T. 0.01 min
 Lab File: BM011706.D
 Acq: 23 Sep 2017 15:30

Tgt Ion:216 Resp: 38273
 Ion Ratio Lower Upper
 216 100
 214 82.0 64.1 96.1
 179 21.3 14.5 21.7
 108 13.9 10.4 15.6





#53

4-Nitrophenol

Concen: 1.660 ng/ul

RT: 14.78 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BM011706.D

Acq: 23 Sep 2017 15:30

Instrument :

BNA_M

ClientSampled :

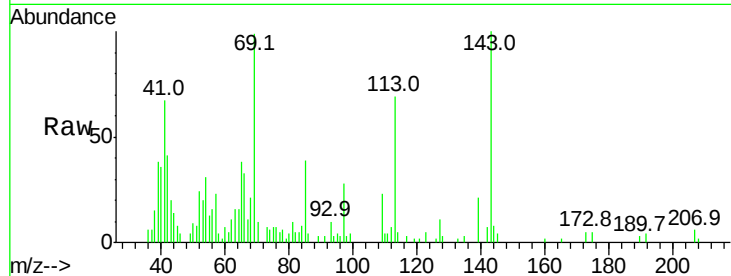
Tot Ion:109 Resp: 6707

Ion Ratio Lower Upper

109 100

139 90.4 91.2 136.8#

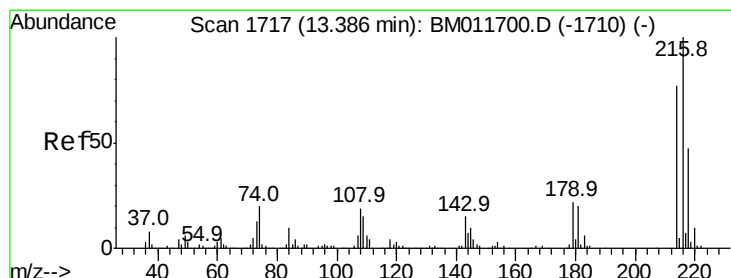
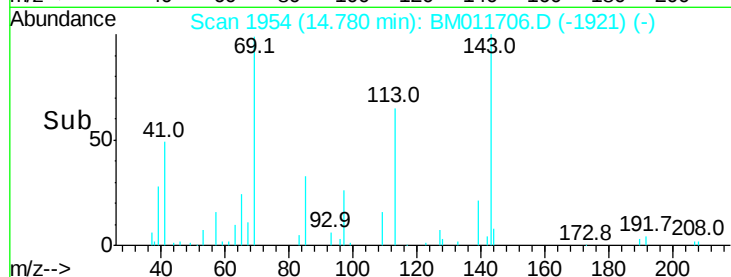
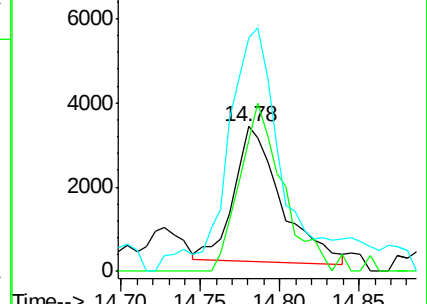
65 161.2 92.6 139.0#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BMC



#73

1,2,3,4-Tetrachlorobenzene

Concen: 22.693 ng/uL

RT: 13.39 min Scan# 1717

Delta R.T. 0.00 min

Lab File: BM011706.D

Acq: 23 Sep 2017 15:30

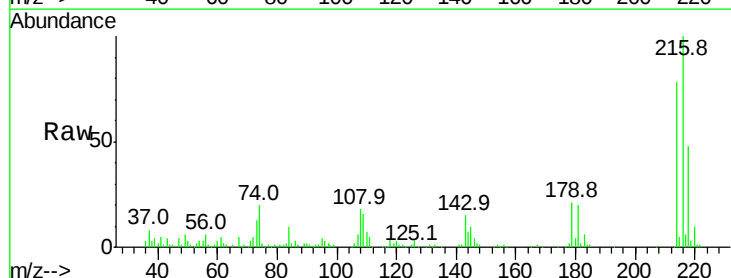
Tgt Ion:216 Resp: 268532

Ion Ratio Lower Upper

216 100

214 78.0 64.1 96.1

218 47.6 39.4 59.0



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

