

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092017\
 Data File : BM011642.D
 Acq On : 20 Sep 2017 17:58
 Operator : SJ/JU
 Sample : I5271-18DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ4DL

Quant Time: Sep 21 04:50:19 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 21 04:15:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	369249	20.00	ng/ul	0.02
18) Naphthalene-d8	10.77	136	1530609	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	879119	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1950661	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1976983	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1766130	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	2105	0.26	ng/uL	0.00
5) Phenol-d5	7.12	99	33005	0.93	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.29	67	120195	5.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	102387	3.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	65272	2.36	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	62060	5.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	61561	5.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	111298	4.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	8076	0.30	ng/ul	0.01
44) Dimethylphthalate-d6	13.99	166	435716	5.86	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	491465	5.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.80	143	5736	0.41	ng/ul	0.02
58) Fluorene-d10	15.58	176	367848	5.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	41253	3.63	ng/ul	0.00
71) Anthracene-d10	17.43	188	581759	6.06	ng/ul	0.00
79) Pyrene-d10	19.72	212	642867	6.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.71	264	503504	5.98	ng/ul	0.00

Target Compounds

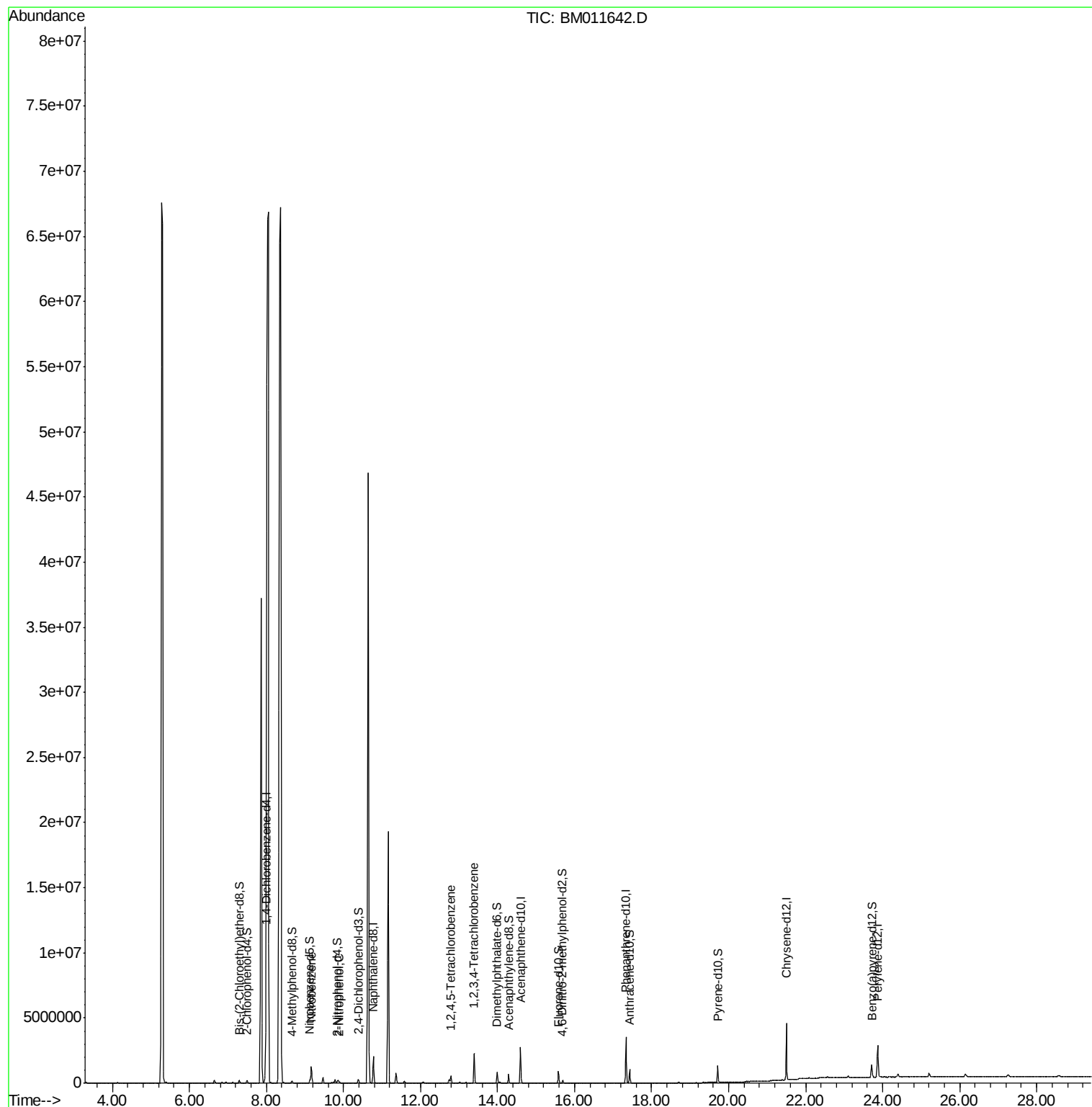
				Ovalue	
20) Nitrobenzene	9.17	77	658224	24.092	ng/ul 96
23) 2-Nitrophenol	9.89	139	43586	3.434	ng/ul# 89
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	201144	7.713	ng/ul# 96
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	663487	25.525	ng/uL 100

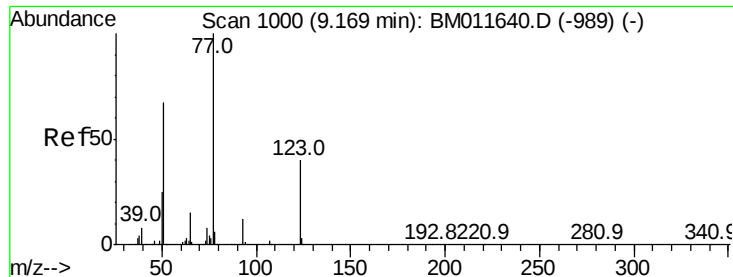
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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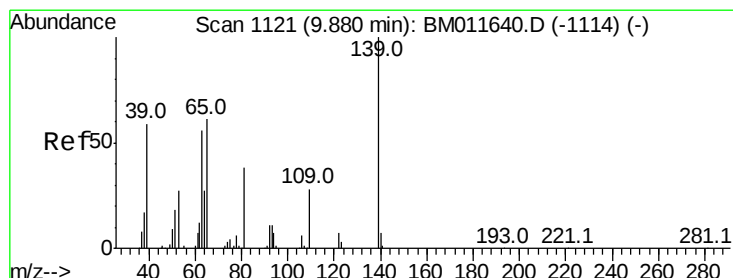
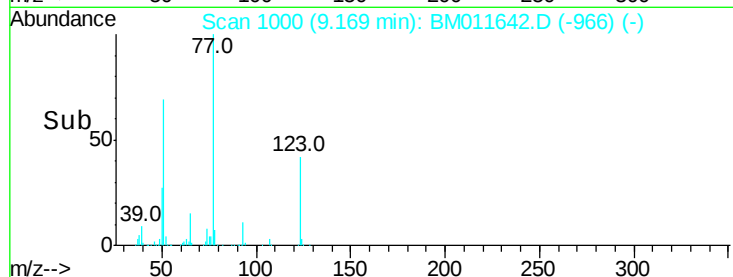
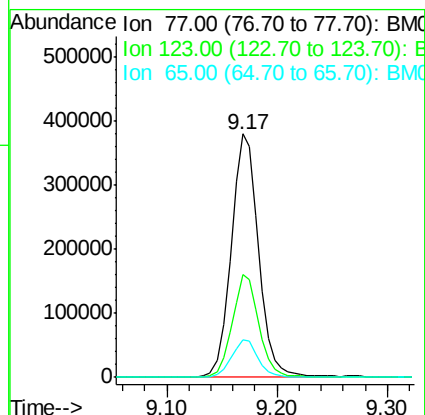
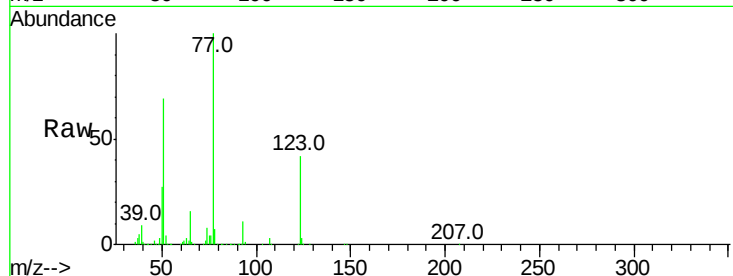




#20
Nitrobenzene
Concen: 24.092 ng/ul
RT: 9.17 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BM011642.D
Acq: 20 Sep 2017 17:58

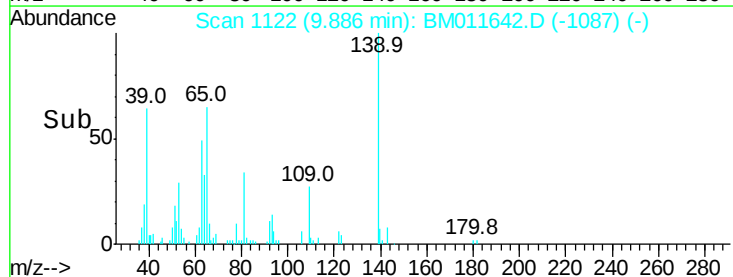
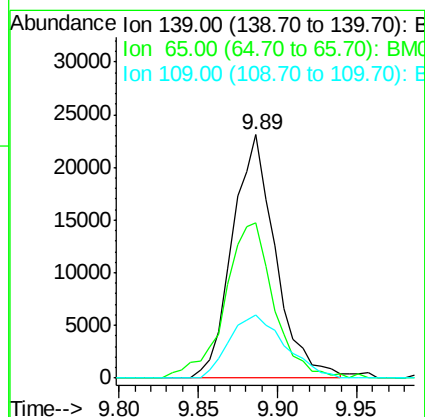
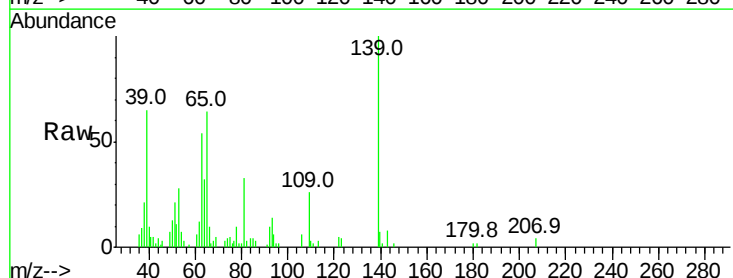
Instrument :
BNA_M
ClientSampled :
C0AJ4DL

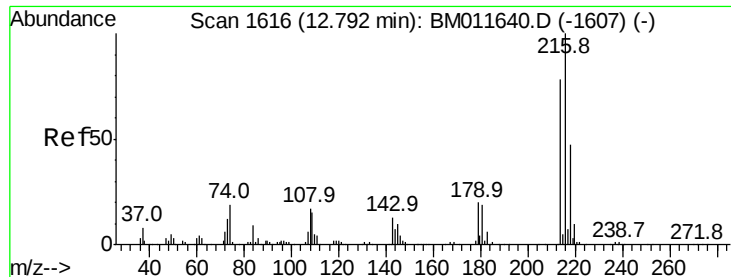
Tot Ion	Ratio	Lower	Upper
77	100		
123	42.1	31.8	47.8
65	15.6	10.6	16.0



#23
2-Nitrophenol
Concen: 3.434 ng/ul
RT: 9.89 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BM011642.D
Acq: 20 Sep 2017 17:58

Tgt Ion	Ratio	Lower	Upper
139	100		
65	63.5	45.3	67.9
109	26.1	27.7	41.5

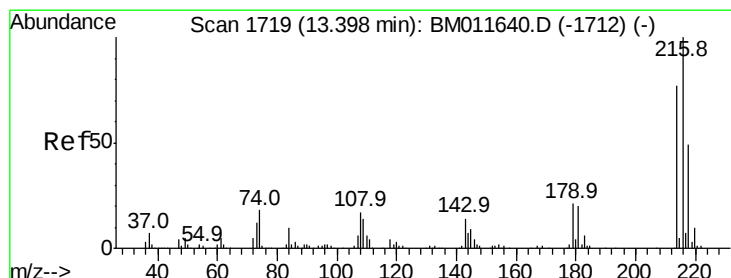
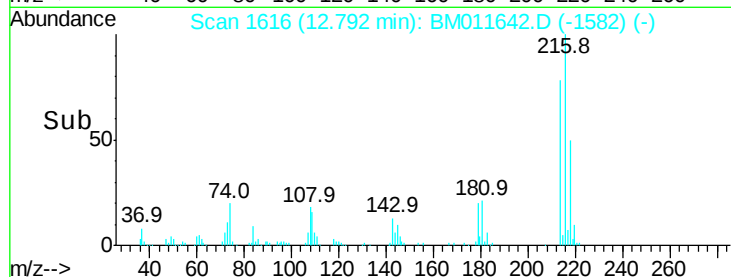
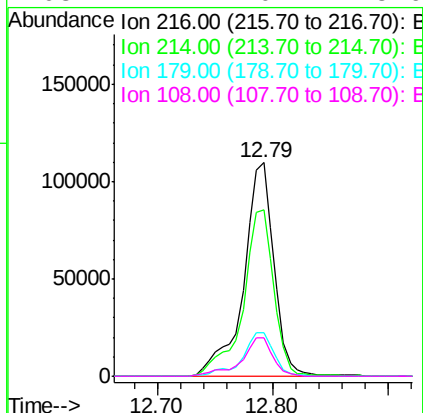
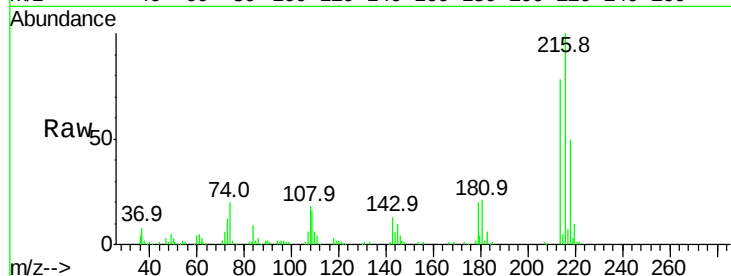




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 7.713 ng/uL
 RT: 12.79 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BM011642.D
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Tot Ion:	216	Resp:	201144
Ion	Ratio	Lower	Upper
216	100		
214	77.7	64.1	96.1
179	20.2	14.5	21.7
108	17.7	10.4	15.6



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 25.525 ng/uL
 RT: 13.40 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BM011642.D
 Acq: 20 Sep 2017 17:58

Tgt Ion:	216	Resp:	663487
Ion	Ratio	Lower	Upper
216	100		
214	80.0	64.1	96.1
218	49.4	39.4	59.0

