

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 :
 C0AT5

Quant Time: Oct 09 16:05:30 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

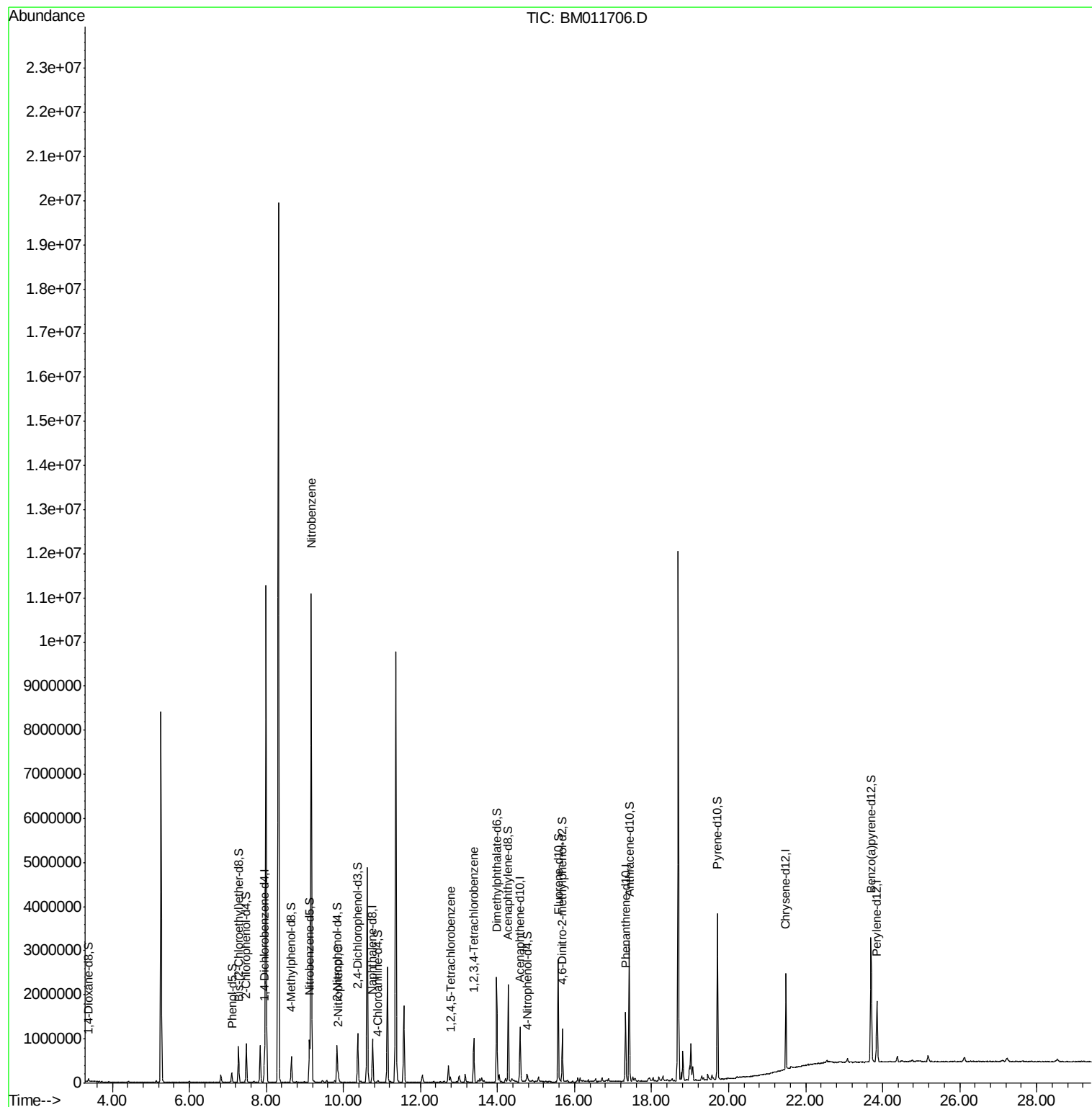
					Ovalue	
20) Nitrobenzene	9.17	77	5653925	423.000	ng/ul	97
23) 2-Nitrophenol	9.87	139	50080	8.066	ng/ul#	93
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	38273	3.261	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	268532	22.693	ng/uL	98

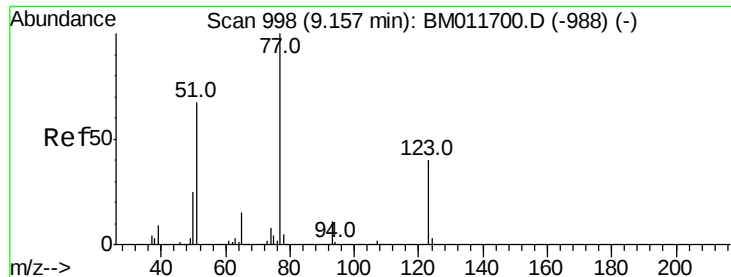
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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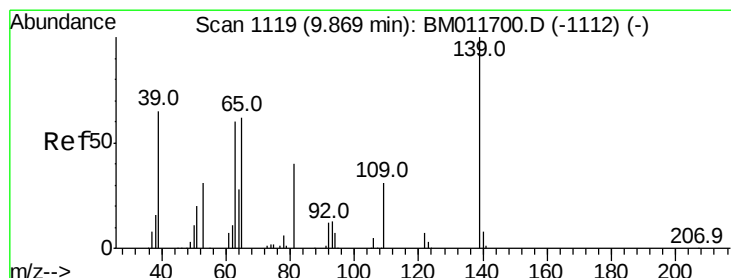
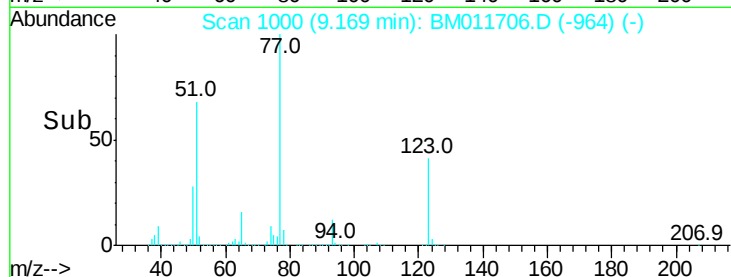
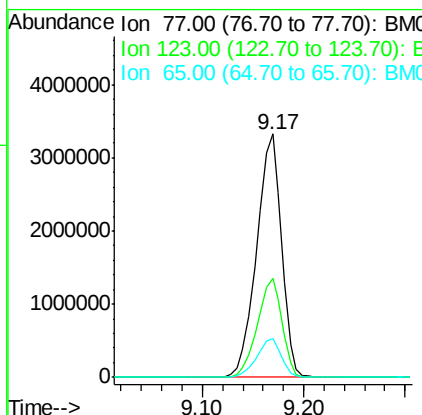
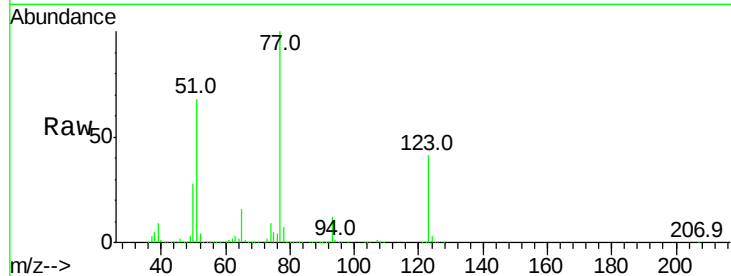




#20
Nitrobenzene
Concen: 423.000 ng/ul
RT: 9.17 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BM011706.D
Acq: 23 Sep 2017 15:30

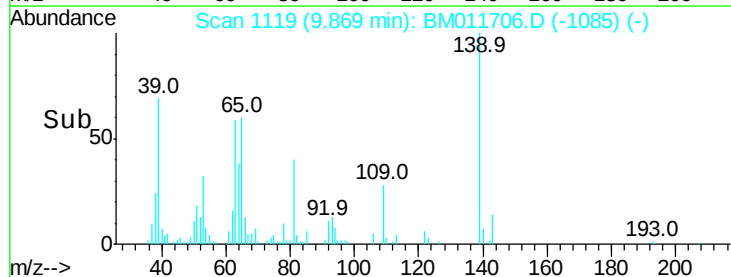
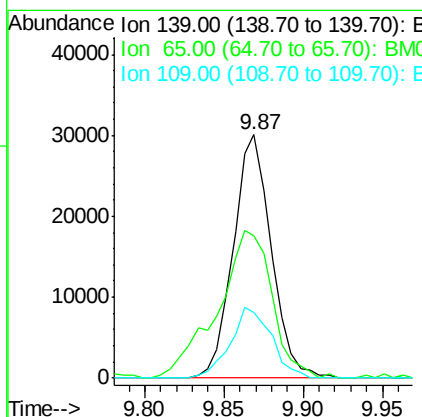
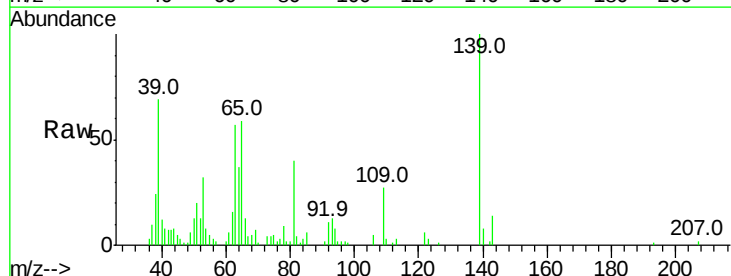
Instrument :
BNA_M
ClientSampled :
C0AT5

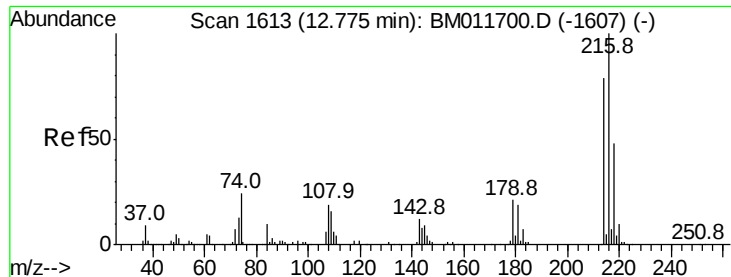
Tot Ion: 77 Resp: 5653925
Ion Ratio Lower Upper
77 100
123 40.9 31.8 47.8
65 15.7 10.6 16.0



#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

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

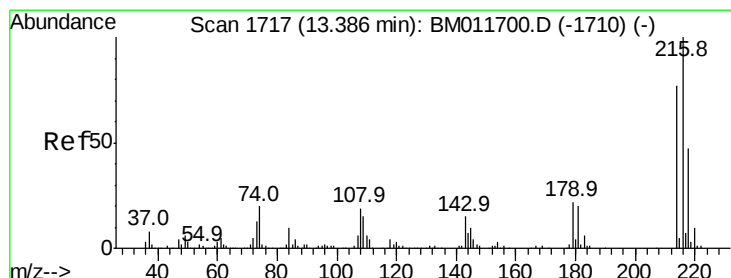
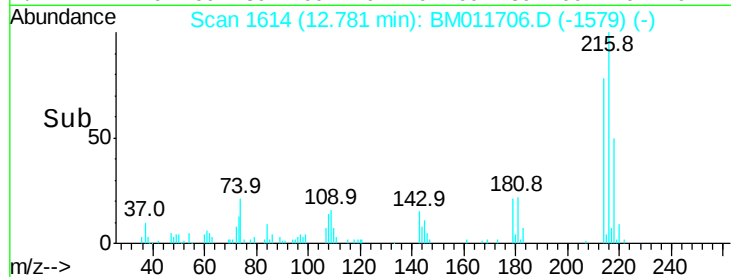
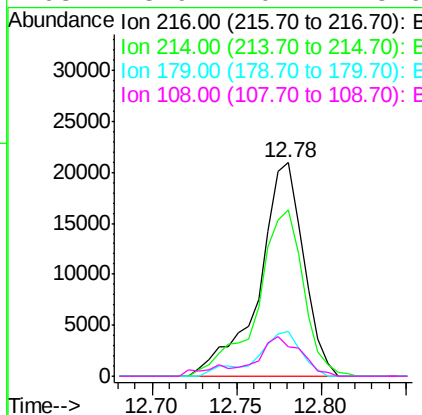
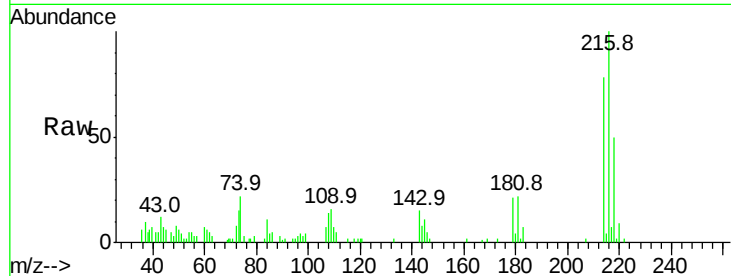




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.261 ng/uL
 RT: 12.78 min Scan# 1614
 Delta R.T. 0.01 min
 Lab File: BM011706.D
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Tot Ion:216	Resp:	38273	
Ion Ratio	Lower	Upper	
216	100		
214	82.0	64.1	96.1
179	21.3	14.5	21.7
108	13.9	10.4	15.6



#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

