

Data Path : Z:\HPCHEM1\BNA_M\Data\BM092317\
 Data File : BM011704.D
 Acq On : 23 Sep 2017 14:17
 Operator : SJ/JU
 Sample : I5273-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF7

Manual Integrations
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Quant Time: Oct 02 09:18:38 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	8.00	152	195264	20.00	ng/ul	0.05
18) Naphthalene-d8	10.77	136	690176	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.58	164	361461	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.32	188	780258	20.00	ng/ul	0.00
78) Chrysene-d12	21.49	240	870450	20.00	ng/ul	0.00
86) Perylene-d12	23.85	264	897206	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.38	96	19975	4.60	ng/uL	0.00
5) Phenol-d5	7.10	99	109723	5.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	379237	30.01	ng/ul	0.01
9) 2-Chlorophenol-d4	7.49	132	345429m	24.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	134962m	9.22	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	206208	39.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	225867	41.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	357439	32.60	ng/ul	0.01
29) 4-Chloroaniline-d4	10.90	131	2168m	0.18	ng/ul	0.02
44) Dimethylphthalate-d6	13.99	166	1150087	37.64	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	1234152	33.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	38436	6.69	ng/ul	0.00
58) Fluorene-d10	15.57	176	954302	36.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	171354	37.74	ng/ul	0.00
71) Anthracene-d10	17.42	188	1520222	39.57	ng/ul	0.00
79) Pyrene-d10	19.71	212	1737064	42.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.70	264	1608574	37.62	ng/ul	0.00

Target Compounds

					Qvalue	
20) Nitrobenzene	9.16	77	542309	44.020	ng/ul	99
23) 2-Nitrophenol	9.87	139	21106	3.688	ng/ul	92
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	981932	91.578	ng/ul#	96
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	3307764	318.137	ng/uL	99
74) Pentachlorobenzene	14.90	250	35073	3.326	ng/uL	96

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

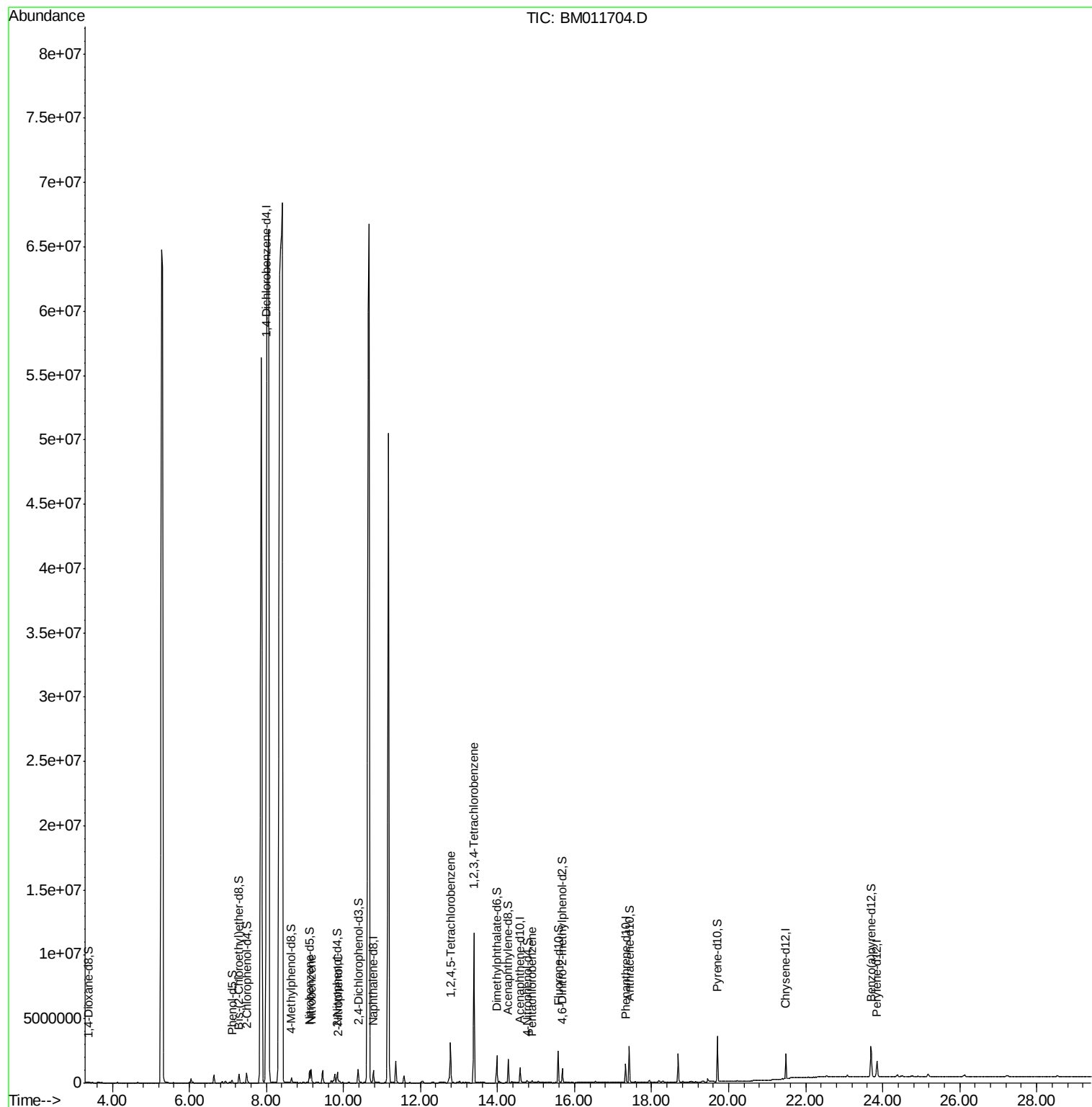
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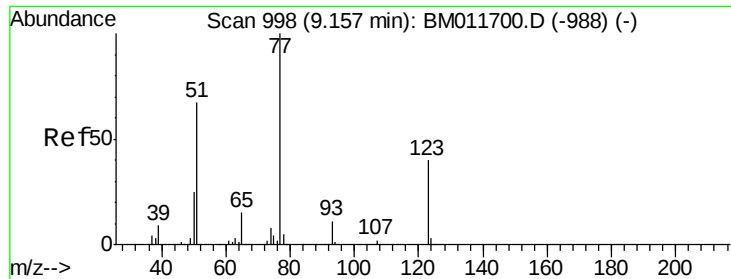
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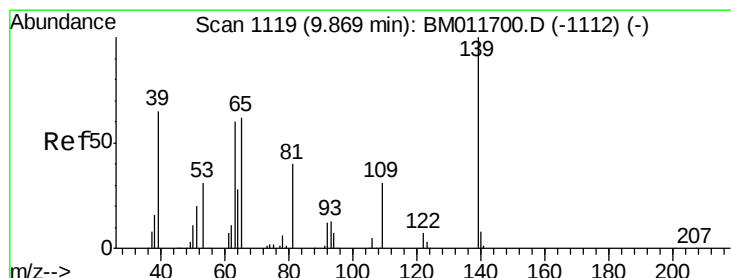
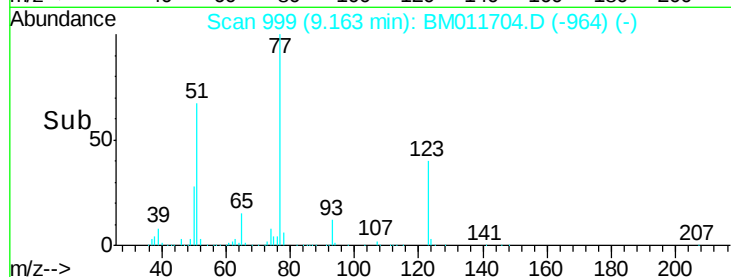
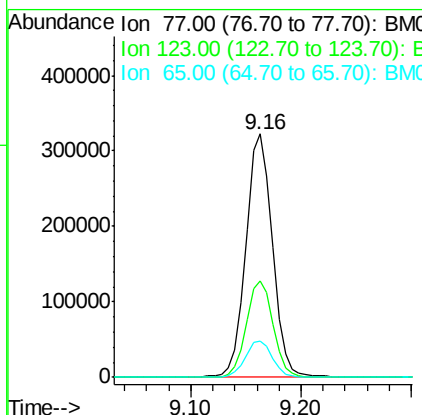
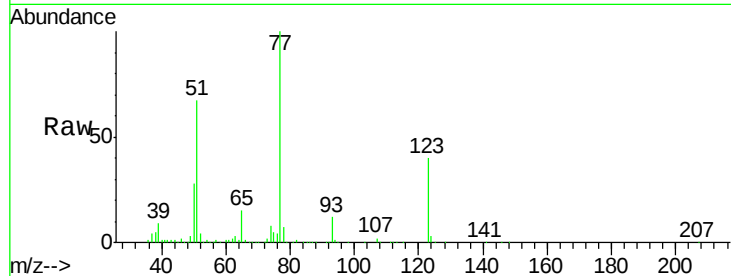
#20
Nitrobenzene
Concen: 44.020 ng/ul
RT: 9.16 min Scan# 999
Delta R.T. 0.01 min
Lab File: BM011704.D
Acq: 23 Sep 2017 14:17

Instrument :
BNA_M
ClientSampleId :
C0AF7

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	39.8	31.8	47.8
65	14.9	10.6	16.0

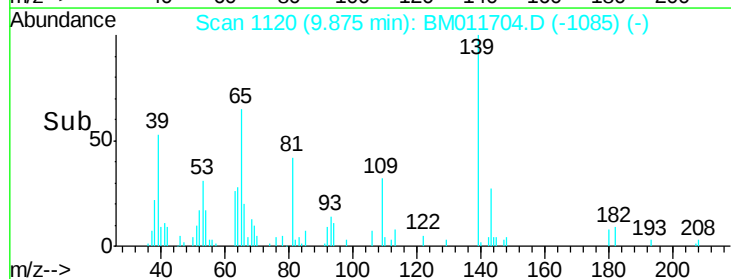
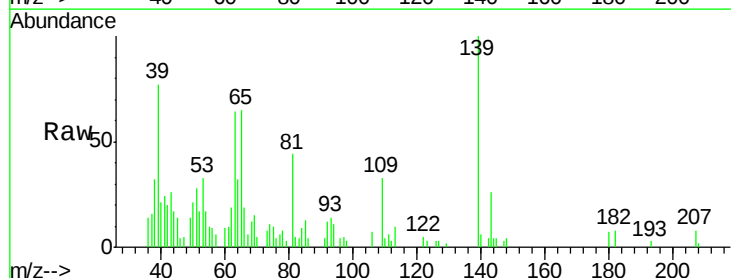
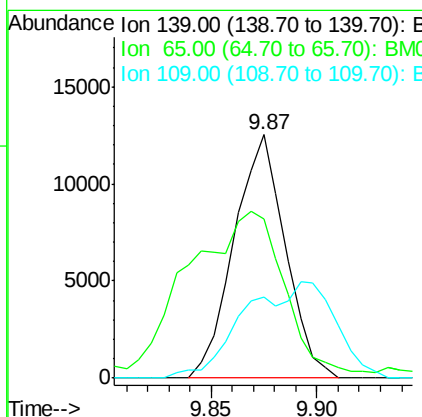
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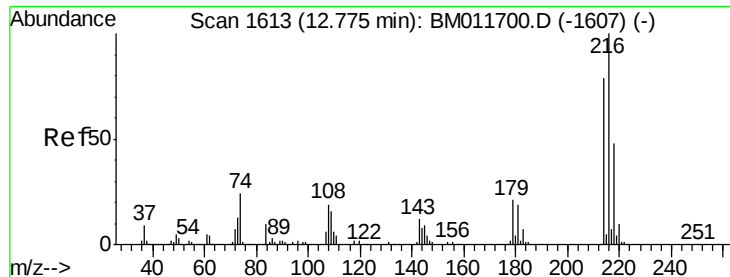
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#23
2-Nitrophenol
Concen: 3.688 ng/ul
RT: 9.87 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BM011704.D
Acq: 23 Sep 2017 14:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
65	65.3	45.3	67.9
109	33.3	27.7	41.5





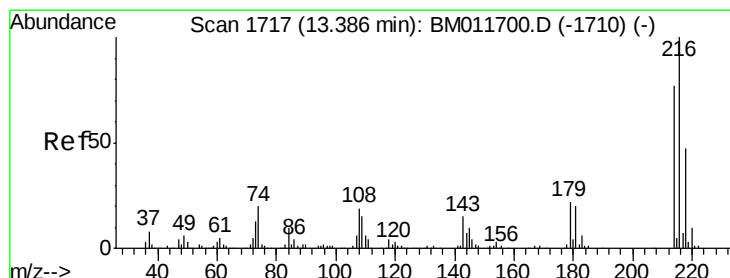
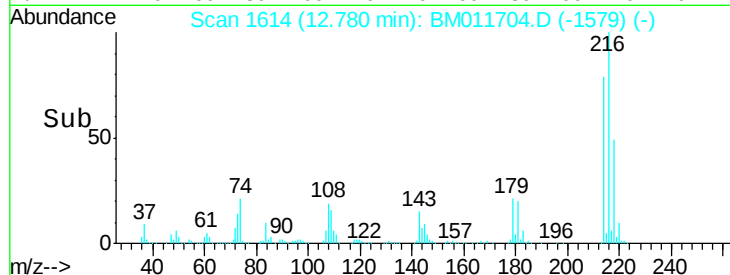
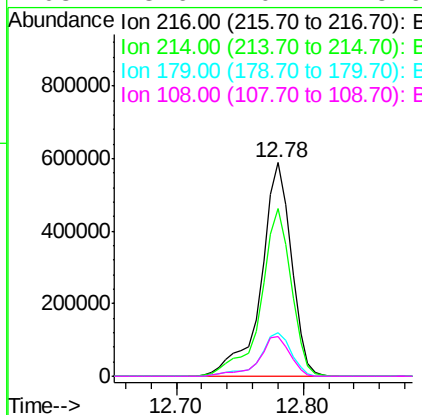
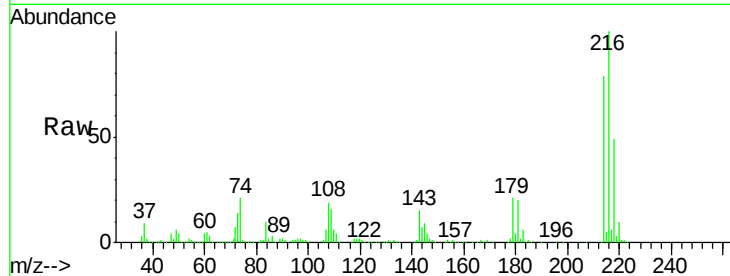
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 91.578 ng/uL
 RT: 12.78 min Scan# 1614
 Delta R.T. 0.01 min
 Lab File: BM011704.D
 Acq: 23 Sep 2017 14:17

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	981932		
214	78.5	64.1	96.1	
179	20.5	14.5	21.7	
108	18.6	10.4	15.6	

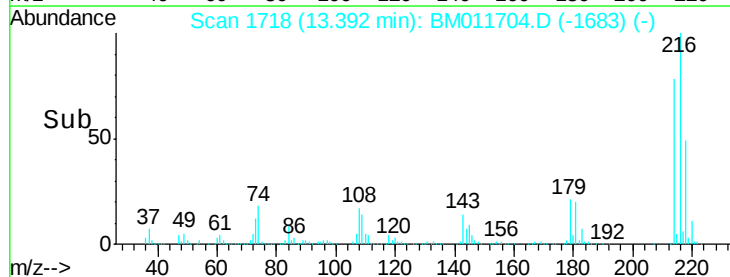
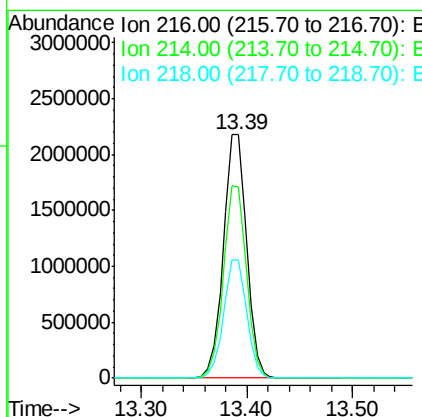
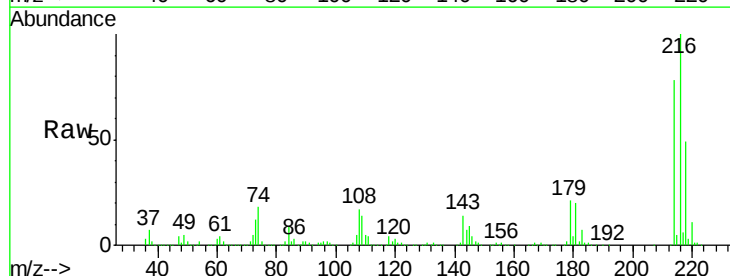
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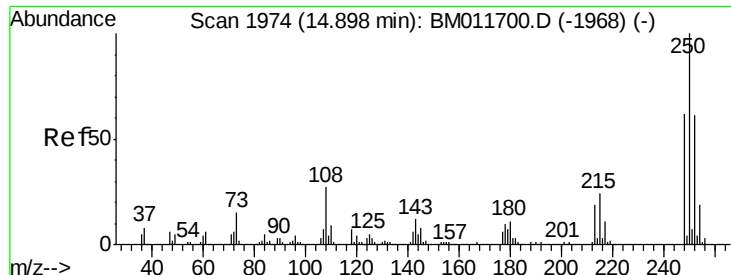
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#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 318.137 ng/uL
 RT: 13.39 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BM011704.D
 Acq: 23 Sep 2017 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	3307764		
214	78.5	64.1	96.1	
218	48.6	39.4	59.0	





#74
 Pentachlorobenzene
 Concen: 3.326 ng/uL
 RT: 14.90 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: BM011704.D
 Acq: 23 Sep 2017 14:17

Instrument :
 BNA_M
 ClientSampleId :
 C0AF7

Tgt Ion	Ratio	Lower	Upper
250	100		
248	65.9	51.4	77.2
252	66.6	49.8	74.6

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