

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
 Data File : BM009252.D
 Acq On : 14 Mar 2017 12:58
 Operator : SJ/MA
 Sample : I2235-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BK9

Quant Time: Mar 15 11:31:42 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 01:51:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	152577	20.00	ng/ul	0.05
18) Naphthalene-d8	10.69	136	499139	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	322582	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	869349	20.00	ng/ul	0.00
77) Chrysene-d12	21.44	240	1380207	20.00	ng/ul	0.00
85) Perylene-d12	23.78	264	1447019	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	14656	4.23	ng/uL	0.00
5) Phenol-d5	7.03	99	68575	4.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	239174	22.25	ng/ul	0.01
9) 2-Chlorophenol-d4	7.41	132	176102	17.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	127663	9.69	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	116624	32.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	122975	31.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	227792	26.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.83	131	8778	0.87	ng/ul	0.01
43) Dimethylphthalate-d6	13.92	166	930585	37.98	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	1078693	38.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	27338	5.62	ng/ul	0.00
57) Fluorene-d10	15.51	176	840865	38.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	144216	27.73	ng/ul	0.00
70) Anthracene-d10	17.36	188	1468731	35.70	ng/ul	0.00
78) Pyrene-d10	19.66	212	1958296	35.15	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.63	264	2373791	35.86	ng/ul	0.01

Target Compounds

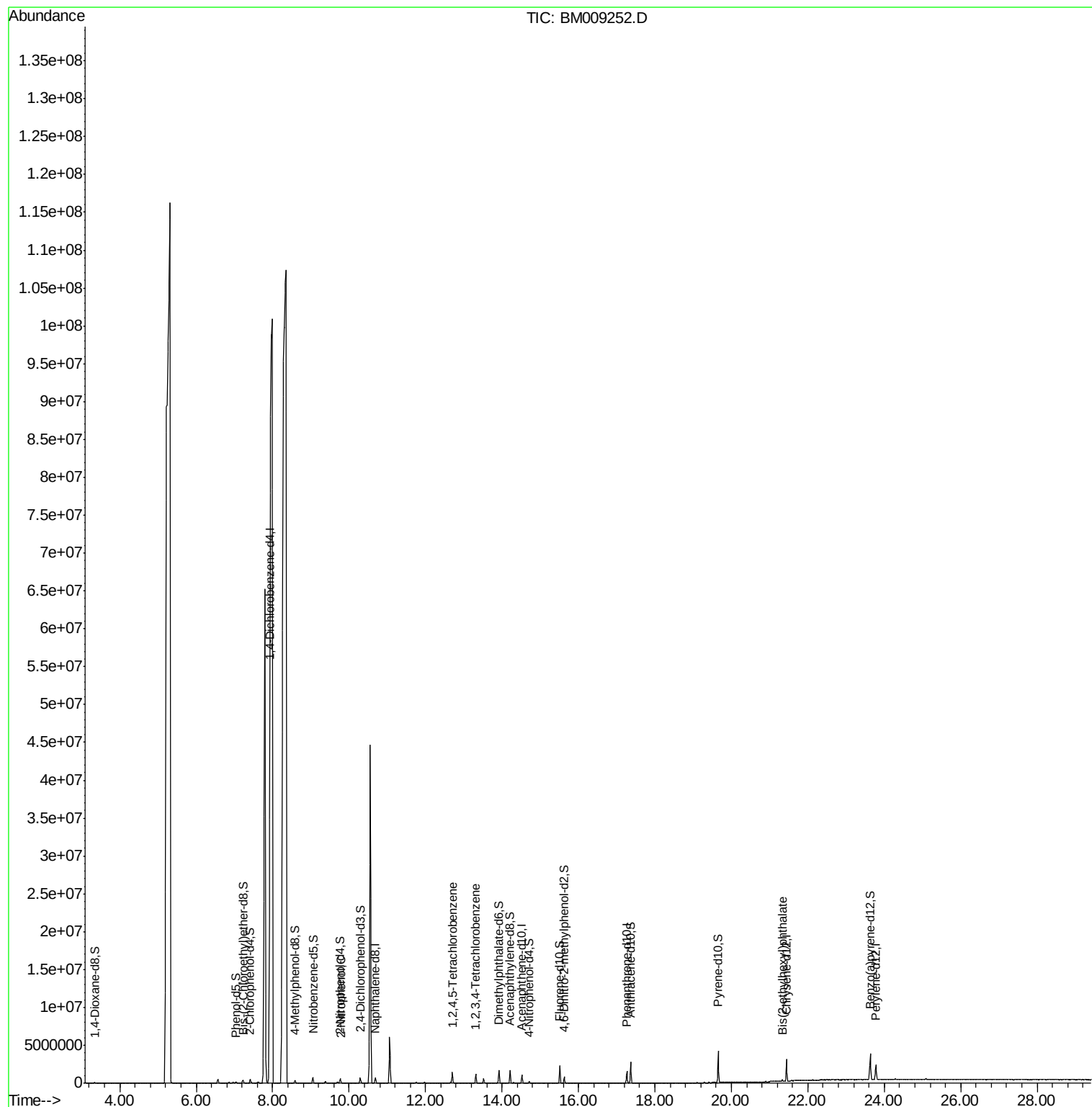
						Ovalue
23) 2-Nitrophenol	9.79	139	10028	2.33	ng/ul#	74
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	428100	44.12	ng/ul	94
72) 1,2,3,4-Tetrachlorobenzene	13.32	216	326850	32.00	ng/uL	98
83) Bis(2-ethylhexyl)phthalate	21.33	149	67350	1.50	ng/ul	98

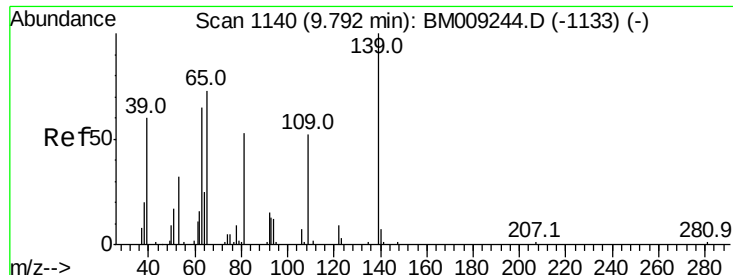
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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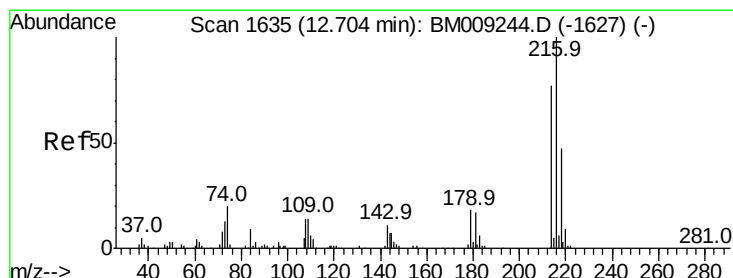
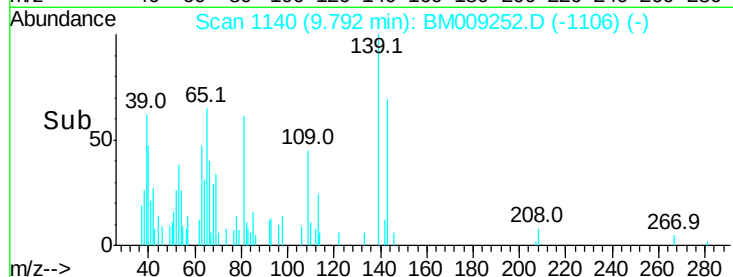
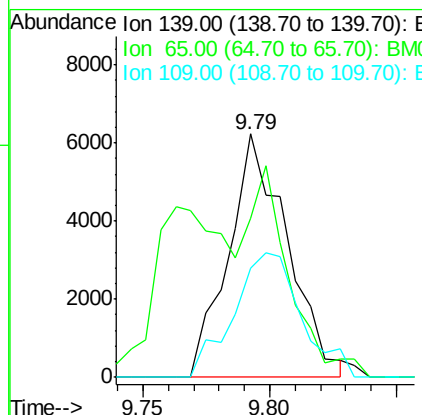
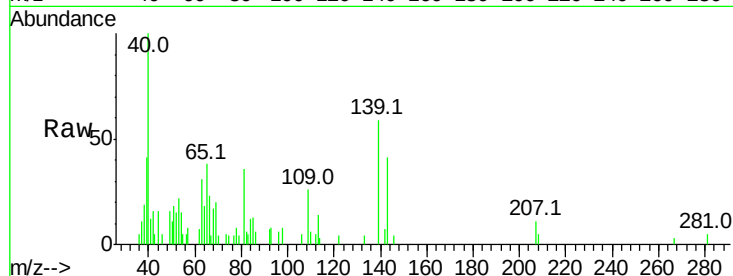




#23
 2-Nitrophenol
 Concen: 2.33 na/ul
 RT: 9.79 min Scan# 1140
 Delta R.T. -0.00 min
 Lab File: BM009252.D
 Acq: 14 Mar 2017 12:58

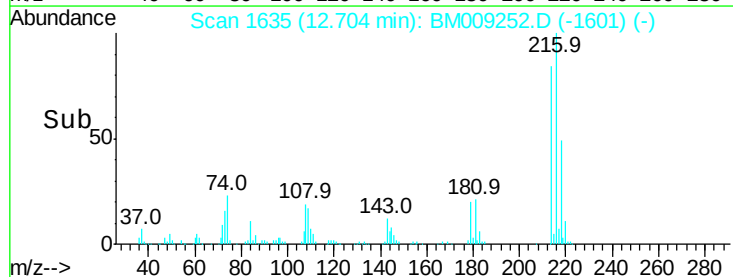
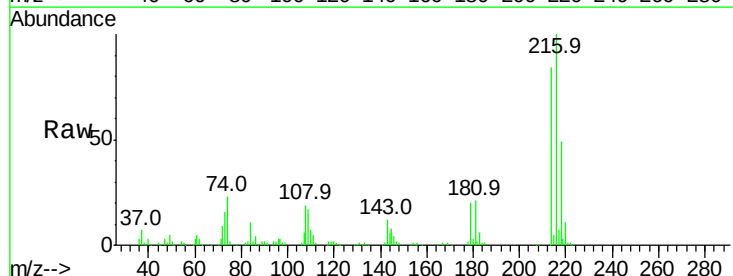
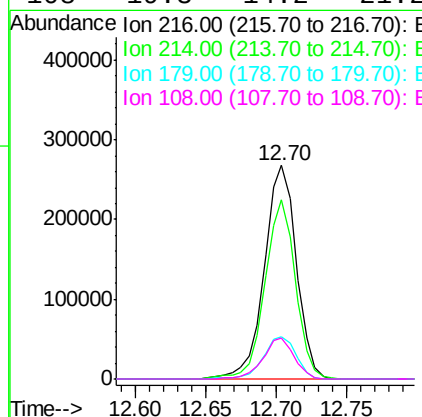
Instrument :
 BNA_M
 ClientSampled :
 C0BK9

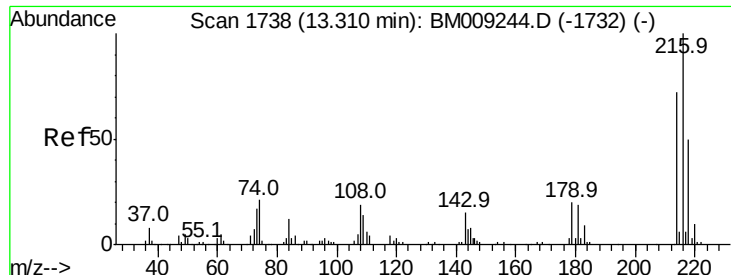
Tot Ion:139 Resp: 10028
 Ion Ratio Lower Upper
 139 100
 65 65.1 36.3 54.5#
 109 44.9 26.4 39.6#



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.12 ng/ul
 RT: 12.70 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: BM009252.D
 Acq: 14 Mar 2017 12:58

Tgt Ion:216 Resp: 428100
 Ion Ratio Lower Upper
 216 100
 214 83.7 62.5 93.7
 179 19.5 18.2 27.2
 108 19.3 14.2 21.2





#72

1,2,3,4-Tetrachlorobenzene

Concen: 32.00 ng/uL

RT: 13.32 min Scan# 1739

Delta R.T. 0.01 min

Lab File: BM009252.D

Acq: 14 Mar 2017 12:58

Instrument :

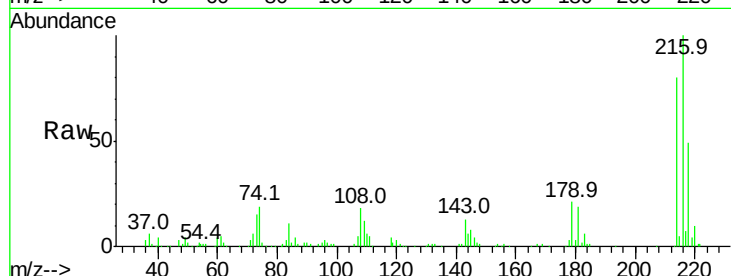
BNA_M

ClientSampled :

C0BK9

Tot Ion:216 Resp: 326850

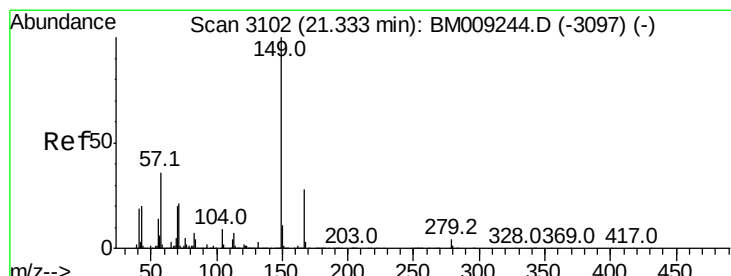
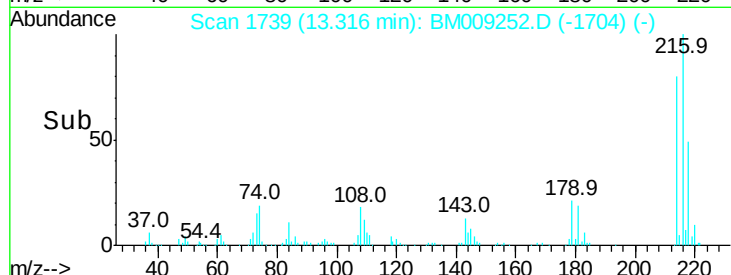
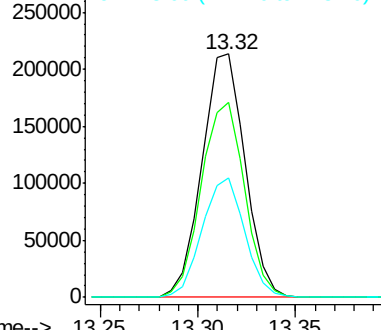
Ion	Ratio	Lower	Upper
216	100		
214	80.0	62.5	93.7
218	49.3	38.4	57.6



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.50 ng/uL

RT: 21.33 min Scan# 3102

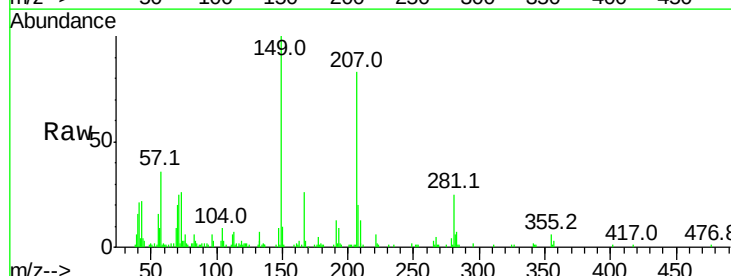
Delta R.T. -0.00 min

Lab File: BM009252.D

Acq: 14 Mar 2017 12:58

Tgt Ion:149 Resp: 67350

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.6	32.4
279	3.9	3.0	4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

