

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032017\
 Data File : BM009304.D
 Acq On : 20 Mar 2017 20:35
 Operator : SJ/MA
 Sample : I2303-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COBN0

Quant Time: Mar 21 03:21:38 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 21 03:09:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	111121	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	470733	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	302464	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	802637	20.00	ng/ul	0.00
77) Chrysene-d12	21.43	240	1300960	20.00	ng/ul	0.00
85) Perylene-d12	23.77	264	1355384	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	10537	4.18	ng/uL	0.00
5) Phenol-d5	7.03	99	51105	4.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	202375	25.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	155200	21.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	105184	10.97	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	107611	32.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	110224	29.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	201323	25.26	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.92	166	789939	34.39	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	952087	36.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	23024	5.05	ng/ul	0.00
57) Fluorene-d10	15.50	176	736628	35.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	127861	26.63	ng/ul	0.00
70) Anthracene-d10	17.36	188	1294528	34.08	ng/ul	0.00
78) Pyrene-d10	19.65	212	1645487	31.34	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.62	264	2081919	33.57	ng/ul	0.00

Target Compounds

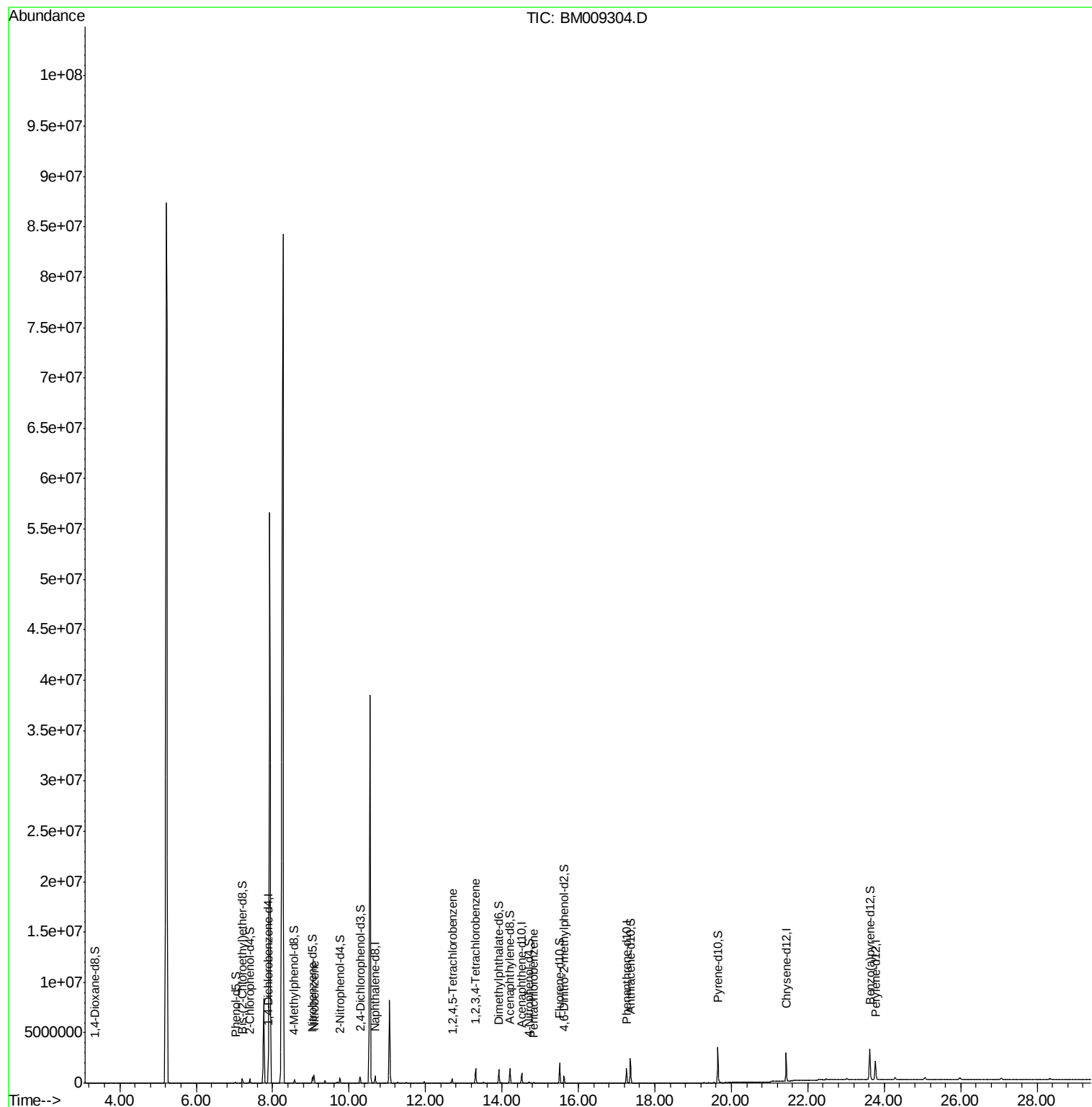
					Qvalue
20) Nitrobenzene	9.08	77	443448	39.56 ng/ul#	81
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	135023	14.84 ng/ul#	95
72) 1,2,3,4-Tetrachlorobenzene	13.31	216	408924	43.37 ng/uL	100
73) Pentachlorobenzene	14.83	250	16947	1.67 ng/uL#	89

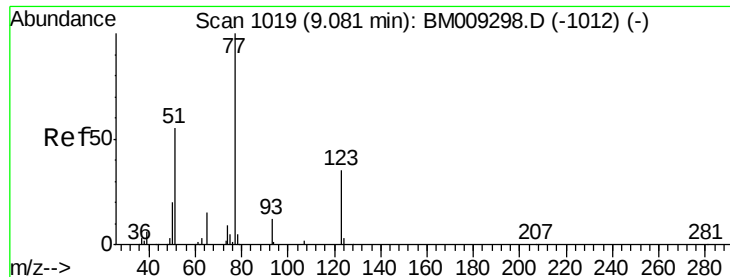
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

Nitrobenzene

Concen: 39.56 ng/ul

RT: 9.08 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BM009304.D

Acq: 20 Mar 2017 20:35

Instrument :

BNA_M

ClientSampleId :

COBN0

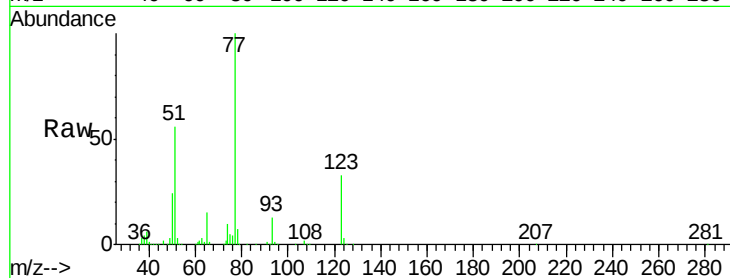
Tgt Ion: 77 Resp: 443448

Ion Ratio Lower Upper

77 100

123 33.1 39.0 58.4#

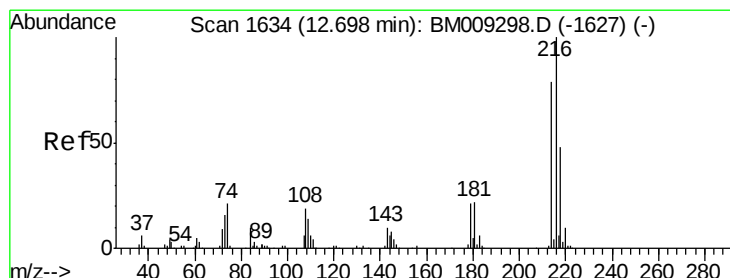
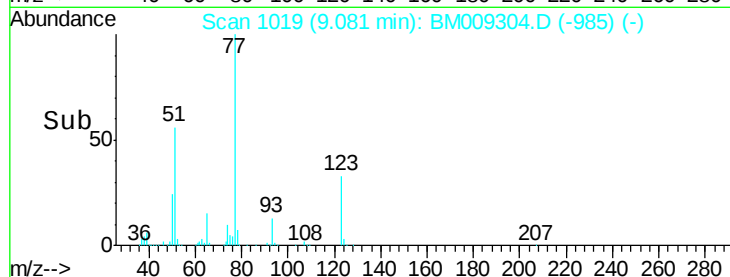
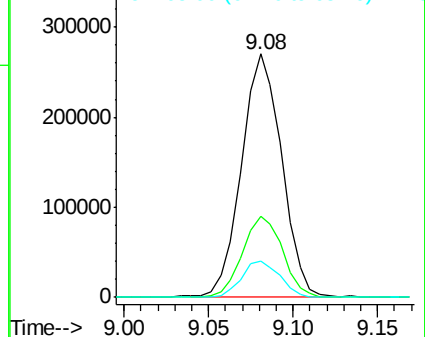
65 15.1 10.4 15.6



Abundance Ion 77.00 (76.70 to 77.70): BM009304.D (-985) (-)

Ion 123.00 (122.70 to 123.70): BM009304.D (-985) (-)

Ion 65.00 (64.70 to 65.70): BM009304.D (-985) (-)



#36

1,2,4,5-Tetrachlorobenzene

Concen: 14.84 ng/ul

RT: 12.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BM009304.D

Acq: 20 Mar 2017 20:35

Tgt Ion: 216 Resp: 135023

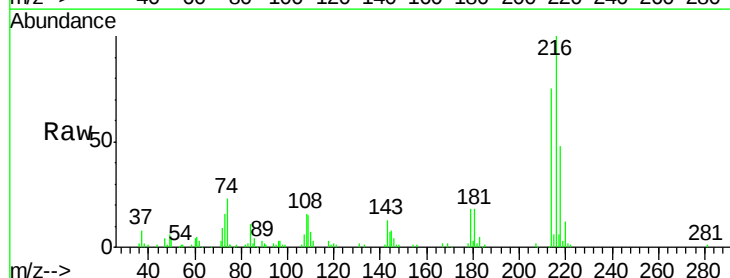
Ion Ratio Lower Upper

216 100

214 75.2 62.5 93.7

179 17.9 18.2 27.2#

108 15.5 14.2 21.2

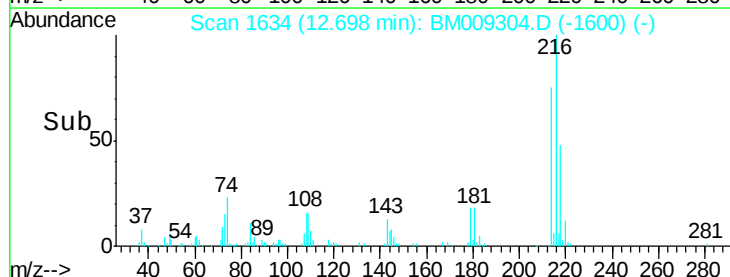
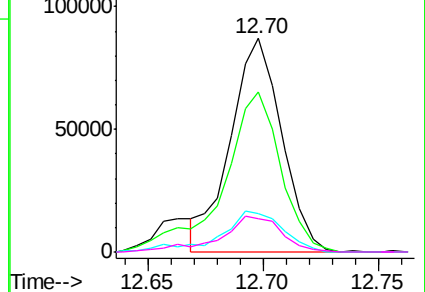


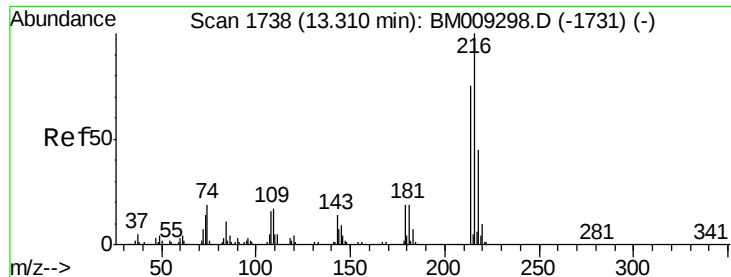
Abundance Ion 216.00 (215.70 to 216.70): BM009304.D (-1600) (-)

Ion 214.00 (213.70 to 214.70): BM009304.D (-1600) (-)

Ion 179.00 (178.70 to 179.70): BM009304.D (-1600) (-)

Ion 108.00 (107.70 to 108.70): BM009304.D (-1600) (-)





#72

1,2,3,4-Tetrachlorobenzene

Concen: 43.37 ng/uL

RT: 13.31 min Scan# 1738

Delta R.T. -0.00 min

Lab File: BM009304.D

Acq: 20 Mar 2017 20:35

Instrument :

BNA_M

ClientSampleId :

COBN0

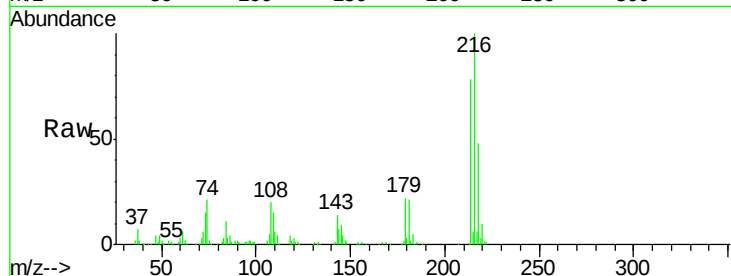
Tgt Ion:216 Resp: 408924

Ion Ratio Lower Upper

216 100

214 77.9 62.5 93.7

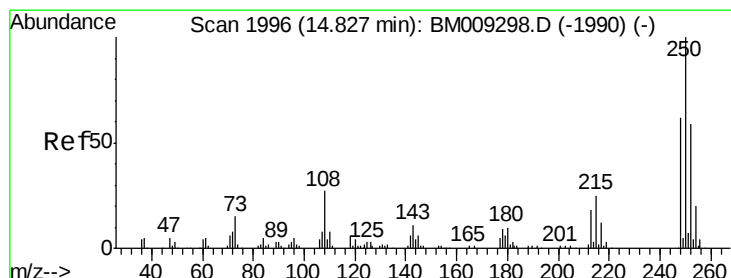
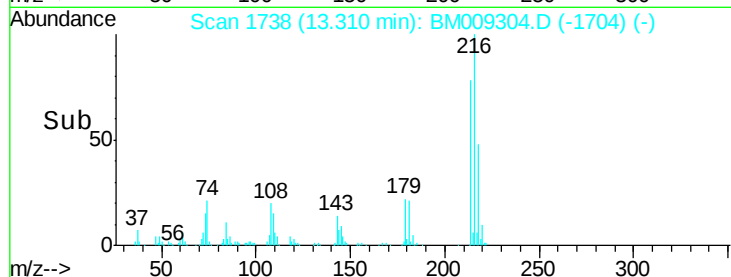
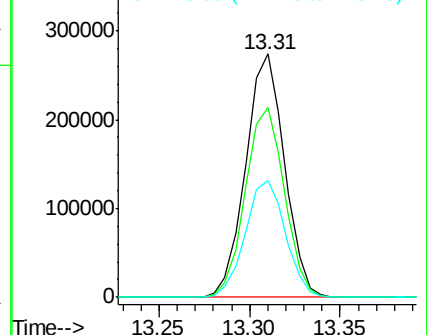
218 47.9 38.4 57.6



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



#73

Pentachlorobenzene

Concen: 1.67 ng/uL

RT: 14.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BM009304.D

Acq: 20 Mar 2017 20:35

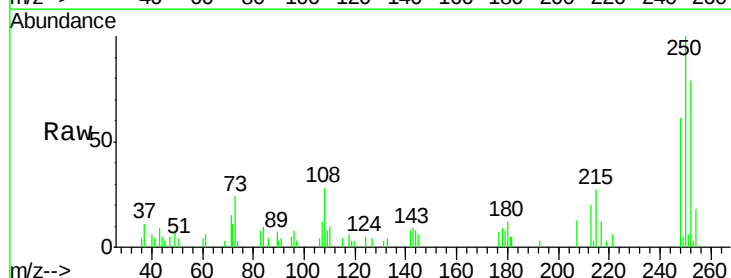
Tgt Ion:250 Resp: 16947

Ion Ratio Lower Upper

250 100

248 60.8 50.6 75.8

252 79.3 51.4 77.0#



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

