

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032017\
 Data File : BM009308.D
 Acq On : 20 Mar 2017 22:59
 Operator : SJ/MA
 Sample : I2303-06DL 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BH9DL

Quant Time: Mar 21 03:11:00 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	7.87	152	96057	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	437642	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	280354	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	751507	20.00	ng/ul	0.00
77) Chrysene-d12	21.43	240	1240979	20.00	ng/ul	0.00
85) Perylene-d12	23.77	264	1337631	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	6159	2.82	ng/uL	0.00
5) Phenol-d5	7.03	99	21995	2.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	87319	12.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	61893	9.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	45932	5.54	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	45258	14.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	44346	12.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	83117	11.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	5744	0.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	346506	16.27	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	399017	16.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	7258	1.72	ng/ul	0.00
57) Fluorene-d10	15.50	176	330866	17.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	45482	10.12	ng/ul	0.00
70) Anthracene-d10	17.36	188	587643	16.52	ng/ul	0.00
78) Pyrene-d10	19.65	212	755905	15.09	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.61	264	995492	16.27	ng/ul	0.00

Target Compounds

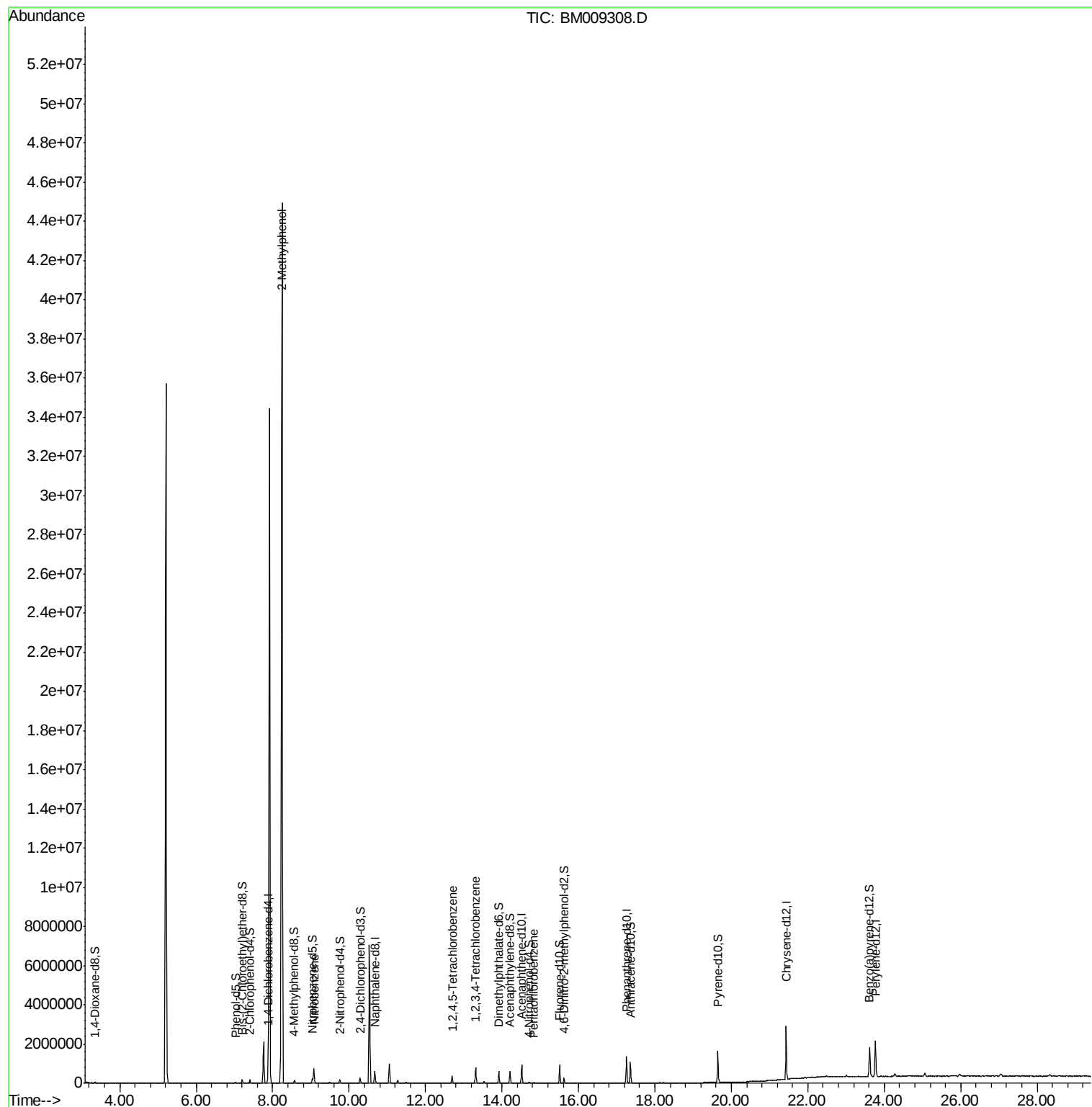
						Ovalue
11) 2-Methylphenol	8.25	108	166971	20.77	ng/ul	87
20) Nitrobenzene	9.08	77	412580	39.59	ng/ul#	83
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	102513	12.16	ng/ul	92
72) 1,2,3,4-Tetrachlorobenzene	13.31	216	213308	24.16	ng/uL	98
73) Pentachlorobenzene	14.83	250	10967	1.16	ng/uL#	84

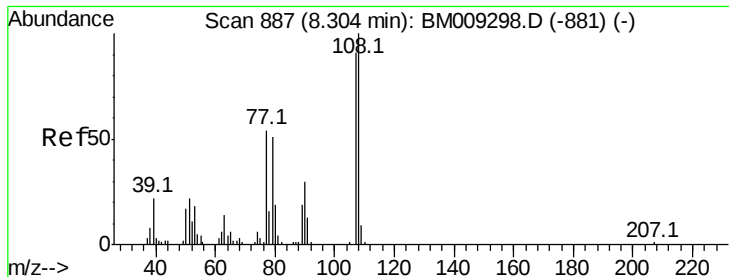
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 20.77 ng/ul

RT: 8.25 min Scan# 877

Delta R.T. -0.06 min

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BNA_M

ClientSampleId :

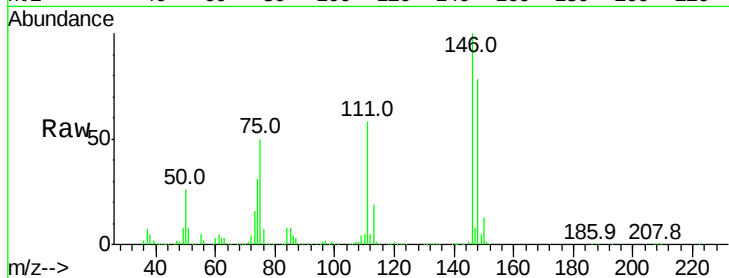
C0BH9DL

Tot Ion:108 Resp: 166971

Ion Ratio Lower Upper

108 100

107 102.9 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.25

100000

80000

60000

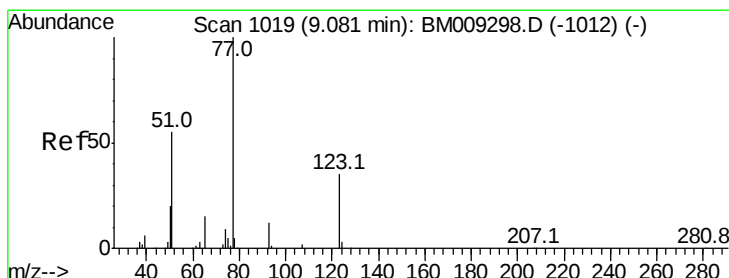
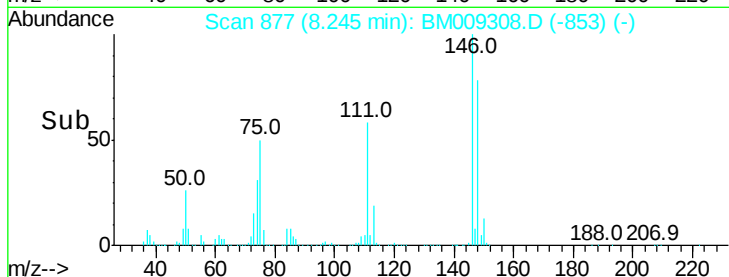
40000

20000

0

8.20 8.25 8.30

Time-->



#20

Nitrobenzene

Concen: 39.59 ng/ul

RT: 9.08 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BM009308.D

Acq: 20 Mar 2017 22:59

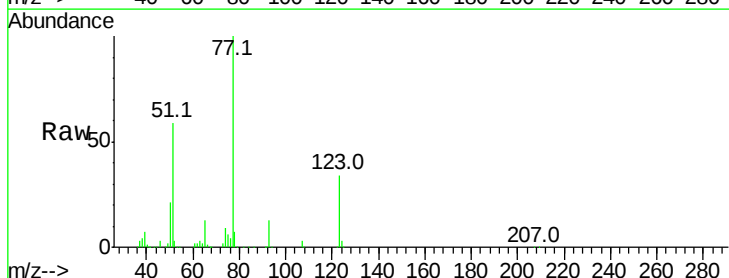
Tgt Ion: 77 Resp: 412580

Ion Ratio Lower Upper

77 100

123 34.2 39.0 58.4#

65 13.2 10.4 15.6



Abundance Ion 77.00 (76.70 to 77.70): BMC

Ion 123.00 (122.70 to 123.70): BMC

Ion 65.00 (64.70 to 65.70): BMC

9.08

300000

250000

200000

150000

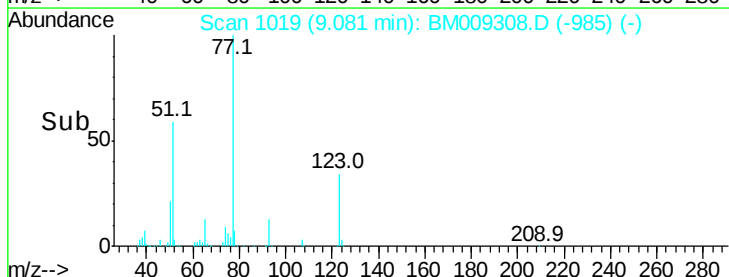
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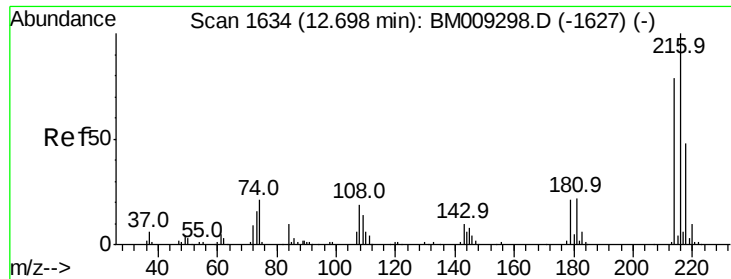
50000

0

9.00 9.05 9.10 9.15

Time-->

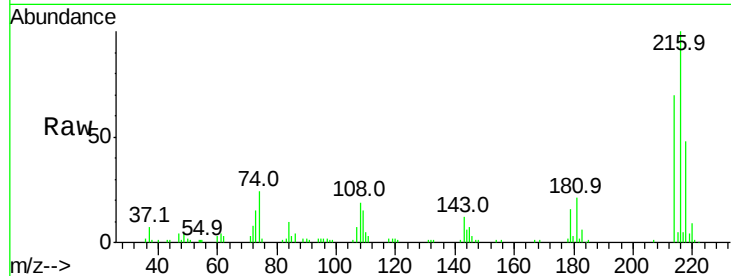




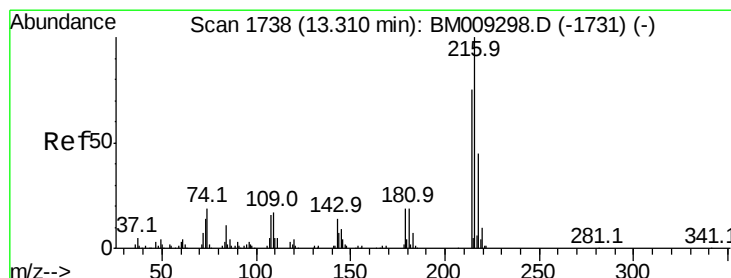
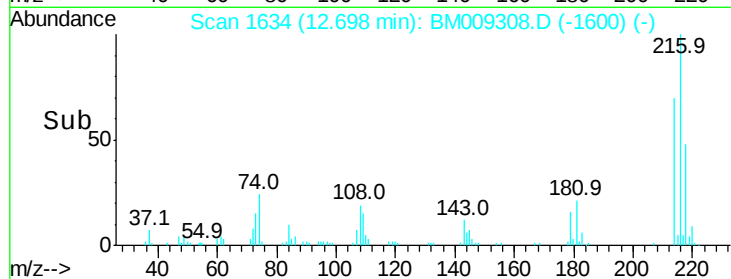
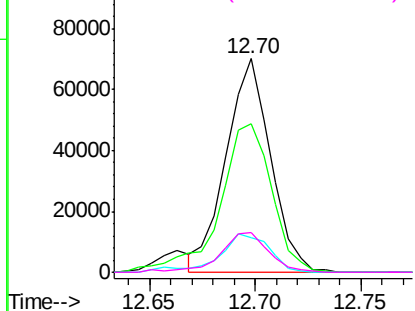
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 12.16 ng/ul
 RT: 12.70 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: BM009308.D
 Acq: 20 Mar 2017 22:59

Instrument :
 BNA_M
 ClientSampleId :
 C0BH9DL

Tot Ion:	216	Resp:	102513
Ion	Ratio	Lower	Upper
216	100		
214	69.8	62.5	93.7
179	19.5	18.2	27.2
108	18.5	14.2	21.2

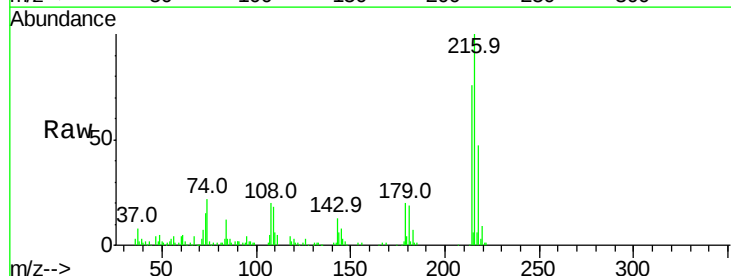


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

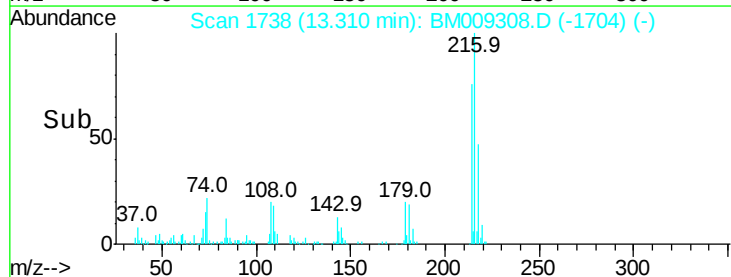
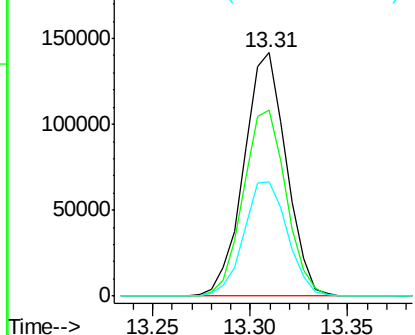


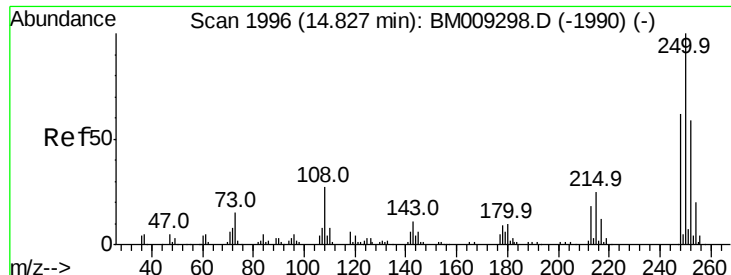
#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 24.16 ng/uL
 RT: 13.31 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BM009308.D
 Acq: 20 Mar 2017 22:59

Tgt Ion:	216	Resp:	213308
Ion	Ratio	Lower	Upper
216	100		
214	76.3	62.5	93.7
218	46.9	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: 1.16 ng/uL

RT: 14.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BM009308.D

Acq: 20 Mar 2017 22:59

Instrument :

BNA_M

ClientSampleId :

C0BH9DL

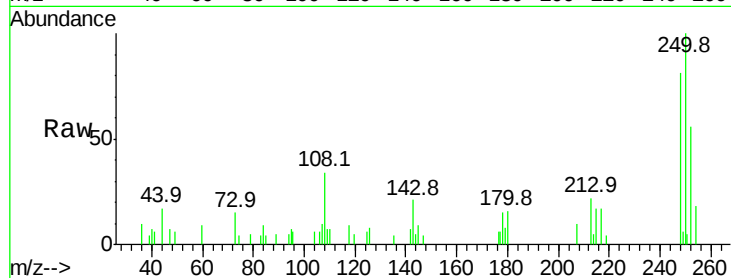
Tot Ion:250 Resp: 10967

Ion Ratio Lower Upper

250 100

248 77.3 50.6 75.8#

252 53.6 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

