

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091817\
 Data File : BM011577.D
 Acq On : 18 Sep 2017 20:00
 Operator : SJ/JU
 Sample : I5234-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH9

Quant Time: Sep 19 02:31:33 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 19 02:31:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	425707	20.00	ng/ul	0.03
18) Naphthalene-d8	10.79	136	1748376	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.60	164	1014638	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2231146	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2302463	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2086296	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	48788	5.16	ng/uL	0.00
5) Phenol-d5	7.12	99	230984	5.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	851563	30.91	ng/ul	0.01
9) 2-Chlorophenol-d4	7.50	132	727134	23.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	450449	14.12	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	455669	34.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	469010	34.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	817573	29.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	37330	1.22	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	2872801	33.49	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	3489751	33.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	55831	3.46	ng/ul	0.00
58) Fluorene-d10	15.59	176	2544502	34.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	356283	27.44	ng/ul	0.00
71) Anthracene-d10	17.44	188	3988984	36.31	ng/ul	0.00
79) Pyrene-d10	19.72	212	4471928	41.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	3679355	37.01	ng/ul	0.00

Target Compounds

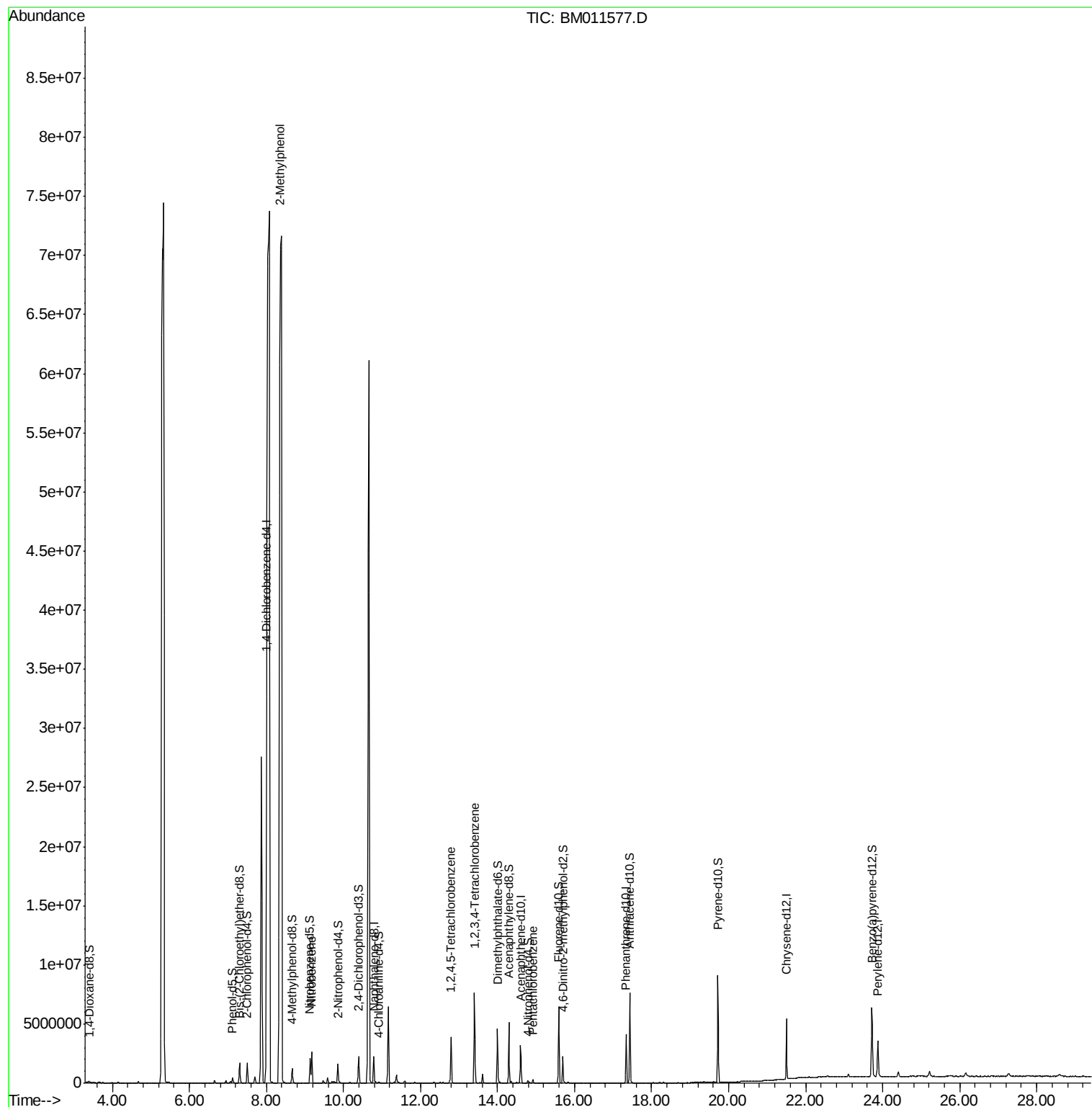
					Ovalue
11) 2-Methylphenol	8.36	108	278022	9.037	ng/ul 96
20) Nitrobenzene	9.18	77	1317356	42.211	ng/ul 96
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	1222245	40.609	ng/ul# 97
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	1856871	62.456	ng/uL 98
74) Pentachlorobenzene	14.92	250	73948	2.452	ng/uL 96

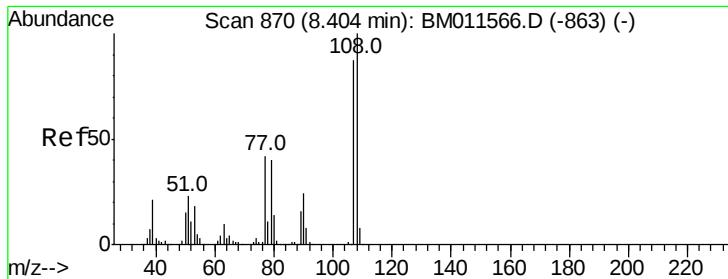
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 9.037 ng/ul

RT: 8.36 min Scan# 862

Delta R.T. -0.05 min

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Acq: 18 Sep 2017 20:00

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BNA_M

ClientSampleId :

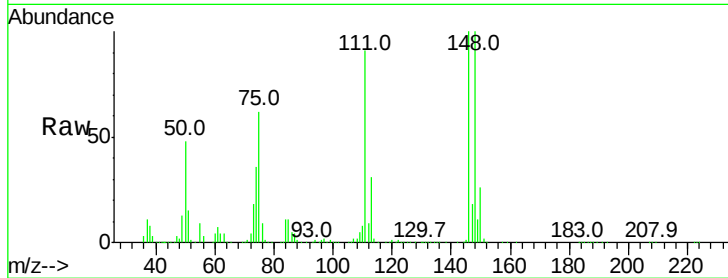
C0AH9

Tot Ion:108 Resp: 278022

Ion Ratio Lower Upper

108 100

107 88.7 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

150000

100000

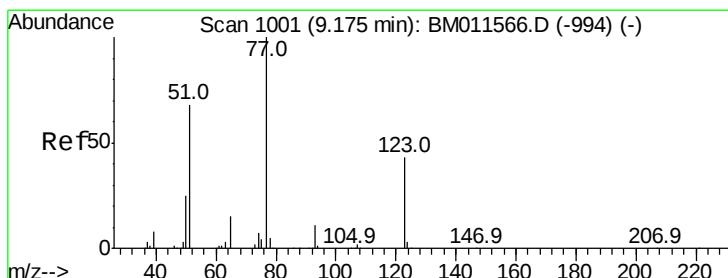
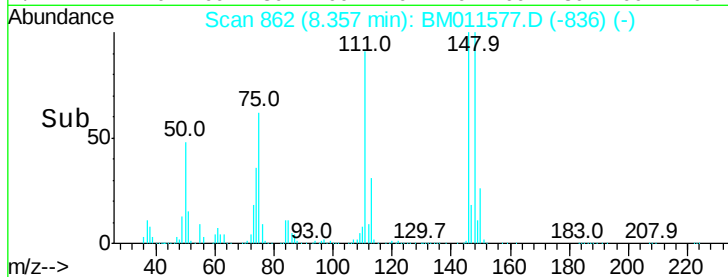
50000

0

8.36

8.30 8.35

Time-->



#20

Nitrobenzene

Concen: 42.211 ng/ul

RT: 9.18 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BM011577.D

Acq: 18 Sep 2017 20:00

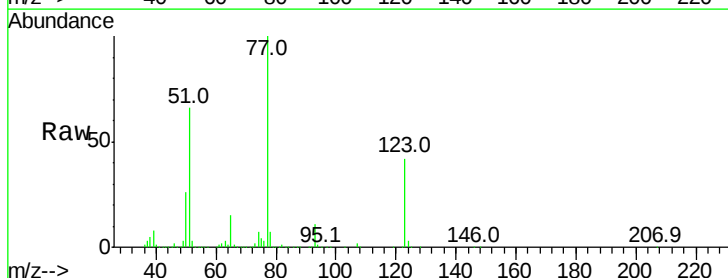
Tgt Ion: 77 Resp: 1317356

Ion Ratio Lower Upper

77 100

123 42.2 31.8 47.8

65 15.0 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0

1000000

800000

600000

400000

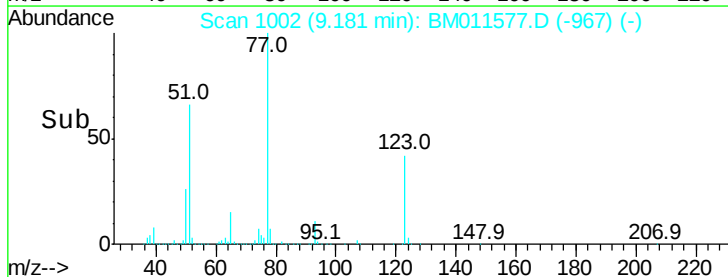
200000

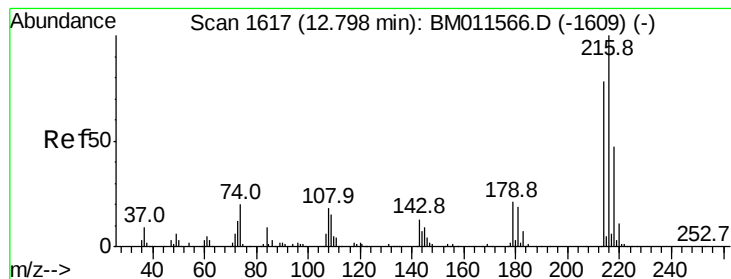
0

9.18

9.10 9.20 9.30

Time-->





#37

1,2,4,5-Tetrachlorobenzene

Concen: 40.609 ng/uL

RT: 12.80 min Scan# 1617

Delta R.T. -0.00 min

Lab File: BM011577.D

Acq: 18 Sep 2017 20:00

Instrument :

BNA_M

ClientSampleId :

C0AH9

Tot Ion:216 Resp: 1222245

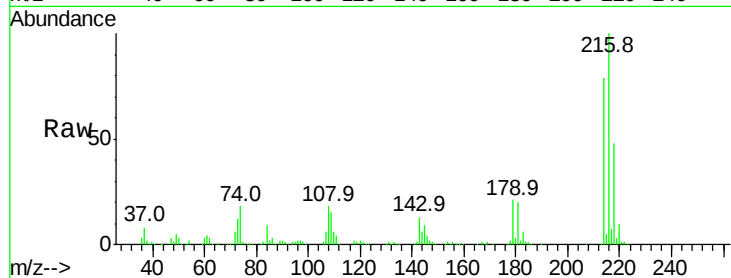
Ion	Ratio	Lower	Upper
216	100		
214	79.1	64.1	96.1
179	20.8	14.5	21.7
108	17.6	10.4	15.6

216 100

214 79.1 64.1 96.1

179 20.8 14.5 21.7

108 17.6 10.4 15.6

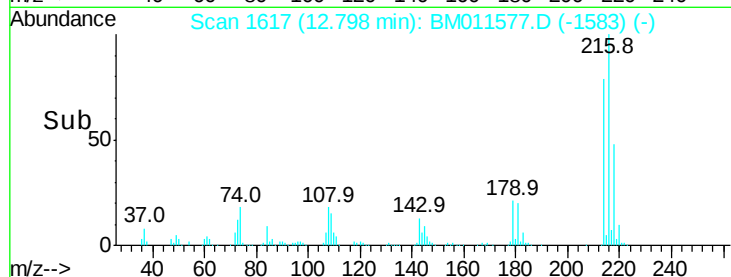


Abundance Ion 216.00 (215.70 to 216.70): E

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



Time-->

12.80

800000

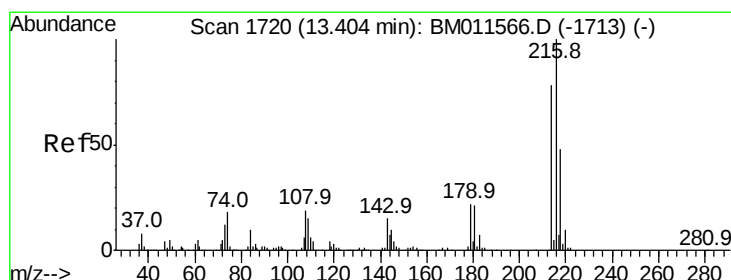
600000

400000

200000

0

12.70 12.80 12.90



#73

1,2,3,4-Tetrachlorobenzene

Concen: 62.456 ng/uL

RT: 13.40 min Scan# 1720

Delta R.T. -0.00 min

Lab File: BM011577.D

Acq: 18 Sep 2017 20:00

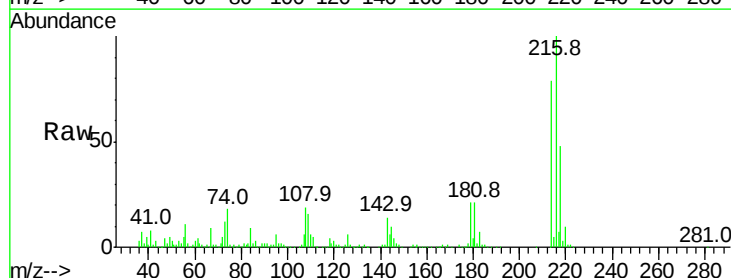
Tgt Ion:216 Resp: 1856871

Ion	Ratio	Lower	Upper
216	100		
214	78.8	64.1	96.1
218	47.9	39.4	59.0

216 100

214 78.8 64.1 96.1

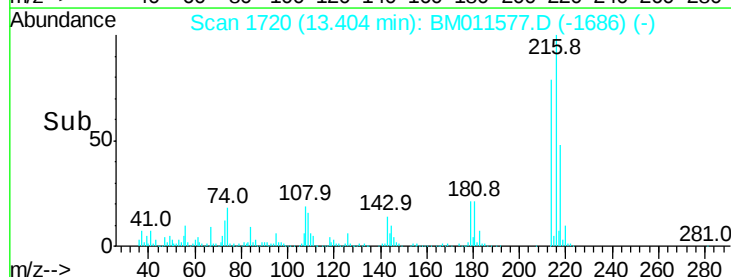
218 47.9 39.4 59.0



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



Time-->

13.40

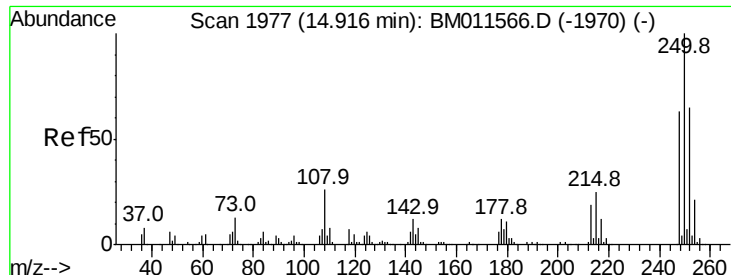
1500000

1000000

500000

0

13.30 13.40 13.50



#74

Pentachlorobenzene

Concen: 2.452 ng/uL

RT: 14.92 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BM011577.D

Acq: 18 Sep 2017 20:00

Instrument :

BNA_M

ClientSampleId :

C0AH9

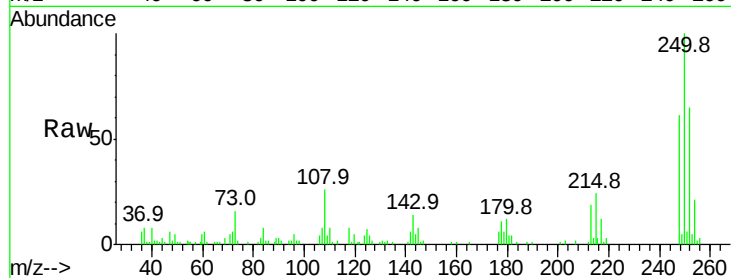
Tot Ion:250 Resp: 73948

Ion Ratio Lower Upper

250 100

248 61.3 51.4 77.2

252 64.9 49.8 74.6



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

