

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
 Data File : BM012778.D
 Acq On : 06 Nov 2017 15:35
 Operator : SJ/JU
 Sample : I6198-01DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0233DL

Quant Time: Nov 07 04:08:54 2017
 Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 07:19:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	85238	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	340321	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	228933	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	84382	20.00	ng/ul	0.10
77) Chrysene-d12	21.37	240	476913	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	476282	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.99	99	4287	0.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	11461	3.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	13393	2.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	8451	1.54	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	8844	3.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	9802	3.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	17749	3.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	125	0.02	ng/ul	-0.14
43) Dimethylphthalate-d6	13.86	166	72906	3.85	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	52570	2.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	1007	0.33	ng/ul	0.04
57) Fluorene-d10	15.44	176	60698	3.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	7387	13.26	ng/ul	0.00
70) Anthracene-d10	17.29	188	84056	20.62	ng/ul	0.00
78) Pyrene-d10	19.59	212	94455	4.27	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	73266	3.25	ng/ul	0.00

Target Compounds

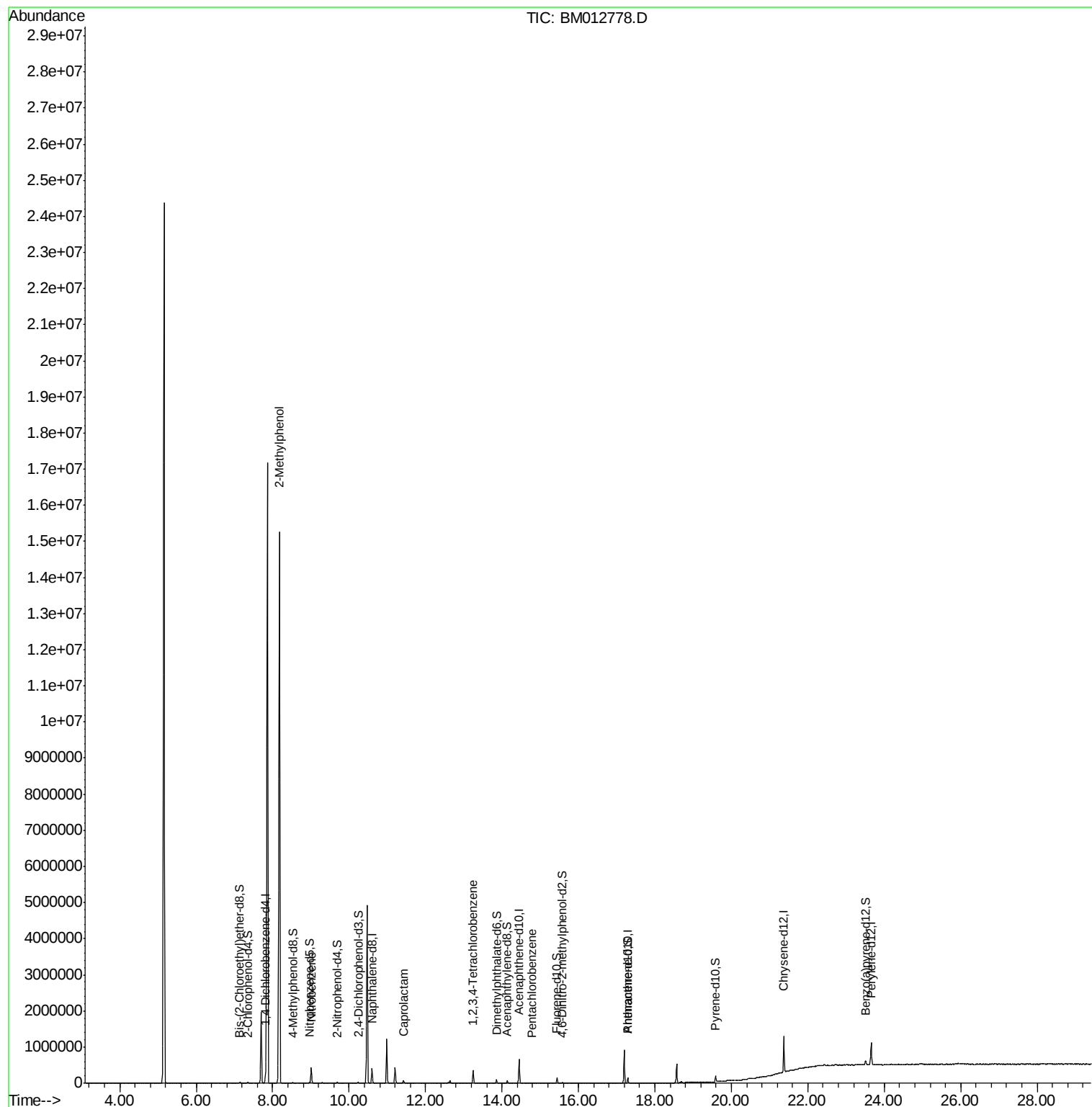
						Ovalue
11) 2-Methylphenol	8.18	108	53634	10.83	ng/ul	99
20) Nitrobenzene	9.01	77	252177	42.61	ng/ul	99
32) Caprolactam	11.42	113	5430	3.36	ng/ul#	1
72) 1,2,3,4-Tetrachlorobenzene	13.24	216	119513	86.65	ng/uL	99
73) Pentachlorobenzene	14.77	250	3270	2.32	ng/uL	93

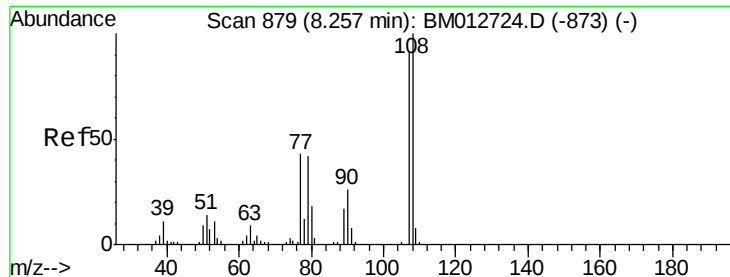
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 10.83 ng/ul

RT: 8.18 min Scan# 866

Delta R.T. -0.08 min

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BNA_M

ClientSampleId :

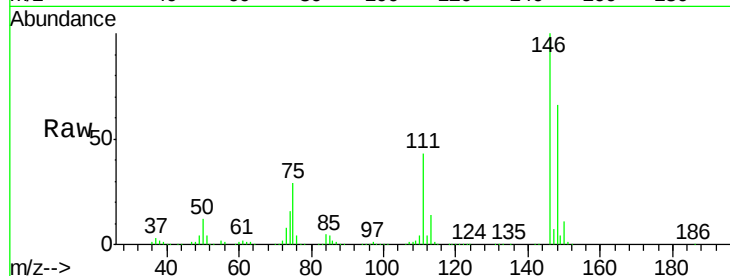
C0233DL

Tot Ion:108 Resp: 53634

Ion Ratio Lower Upper

108 100

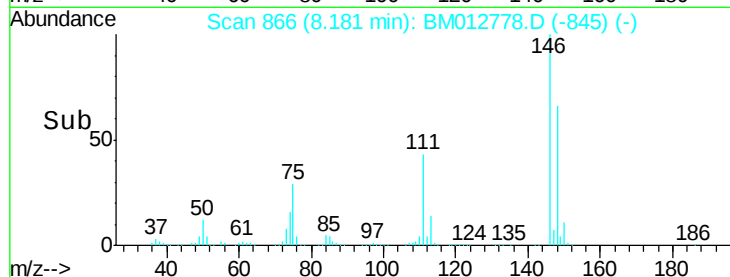
107 89.5 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.18



Abundance

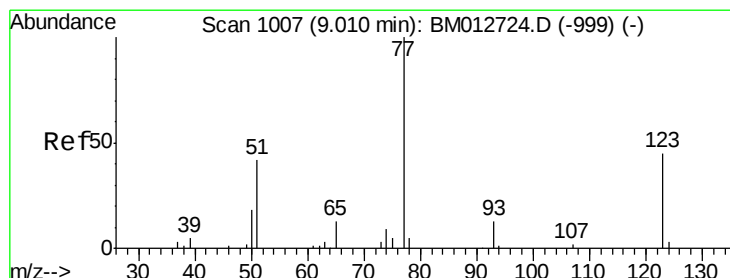
30000

20000

10000

0

Time--> 8.10 8.15 8.20



#20

Nitrobenzene

Concen: 42.61 ng/ul

RT: 9.01 min Scan# 1007

Delta R.T. -0.00 min

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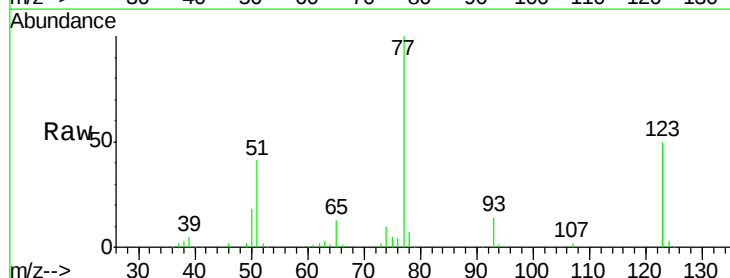
Tgt Ion: 77 Resp: 252177

Ion Ratio Lower Upper

77 100

123 49.5 39.0 58.4

65 13.0 10.4 15.6



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

200000

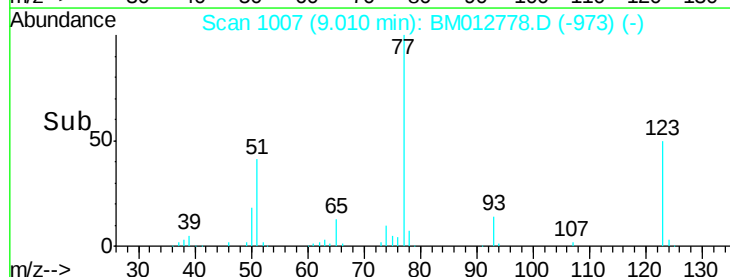
150000

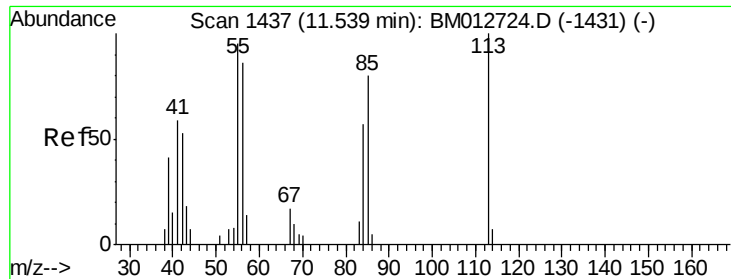
100000

50000

0

Time--> 8.95 9.00 9.05 9.10

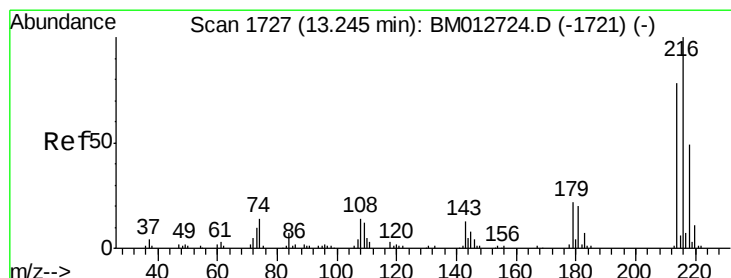
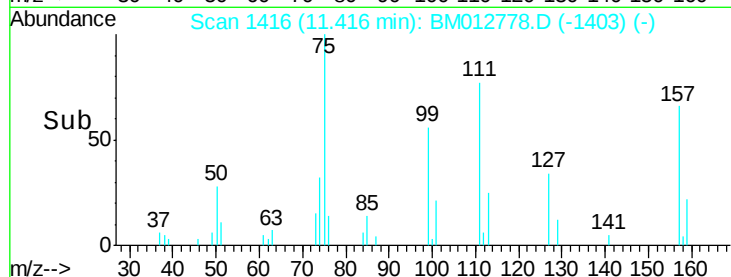
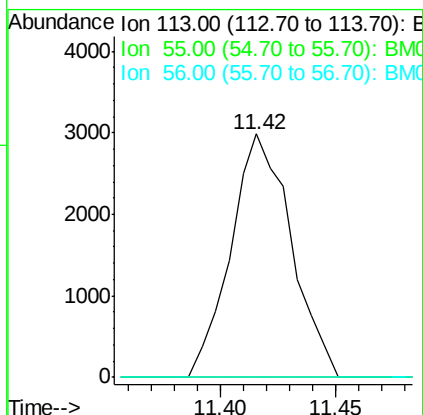
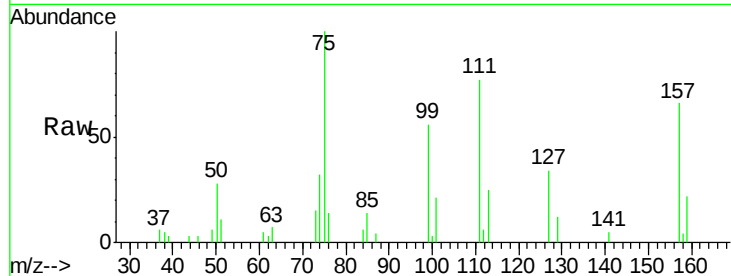




#32
Caprolactam
Concen: 3.36 ng/ul
RT: 11.42 min Scan# 1416
Delta R.T. -0.12 min
Lab File: BM012778.D
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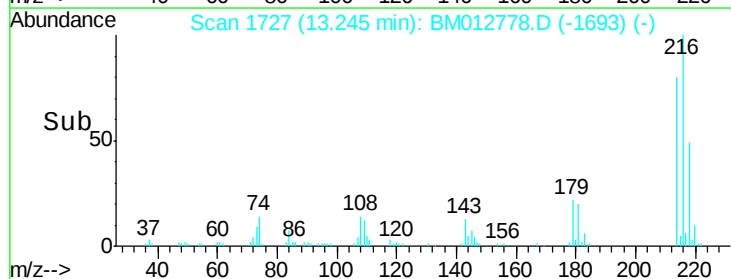
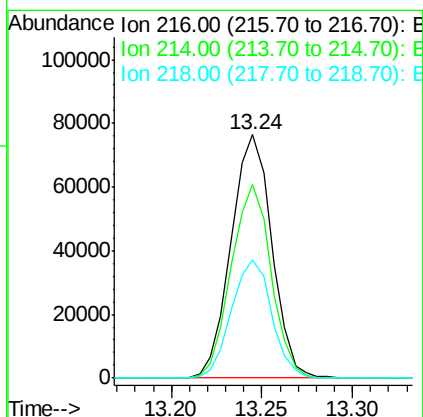
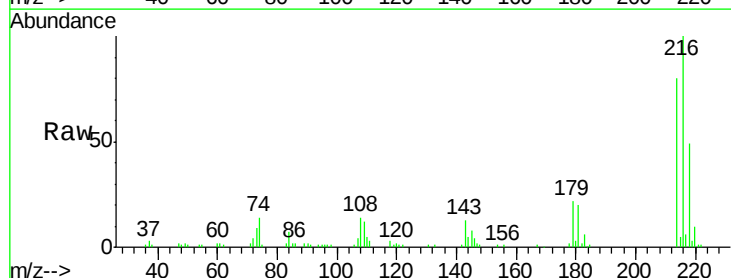
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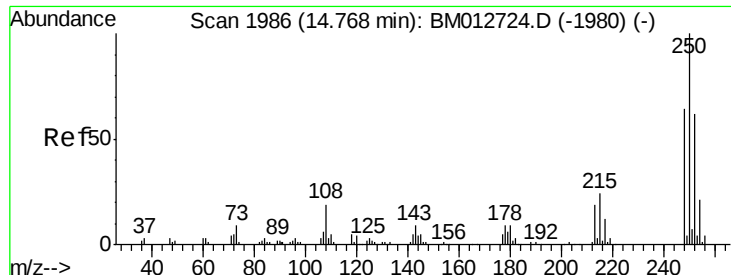
Tot Ion:113 Resp: 5430
Ion Ratio Lower Upper
113 100
55 0.0 101.9 152.9#
56 0.0 81.2 121.8#



#72
1,2,3,4-Tetrachlorobenzene
Concen: 86.65 ng/uL
RT: 13.24 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BM012778.D
Acq: 06 Nov 2017 15:35

Tgt Ion:216 Resp: 119513
Ion Ratio Lower Upper
216 100
214 79.5 62.5 93.7
218 48.6 38.4 57.6





#73

Pentachlorobenzene

Concen: 2.32 ng/uL

RT: 14.77 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BM012778.D

Acq: 06 Nov 2017 15:35

Instrument :

BNA_M

ClientSampleId :

C0233DL

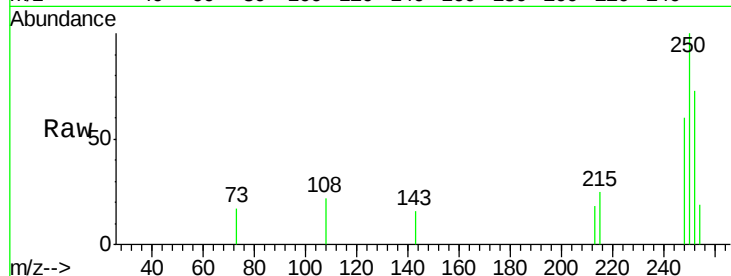
Tot Ion:250 Resp: 3270

Ion Ratio Lower Upper

250 100

248 60.5 50.6 75.8

252 72.8 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

