

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092317\
 Data File : BM011713.D
 Acq On : 23 Sep 2017 19:47
 Operator : SJ/JU
 Sample : I5273-14DL 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 25 02:03:53 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 25 01:59:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	181296	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	692338	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.58	164	355348	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.32	188	784210	20.00	ng/ul	0.00
78) Chrysene-d12	21.49	240	879326	20.00	ng/ul	0.00
86) Perylene-d12	23.85	264	909086	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	620	0.15	ng/uL	0.00
5) Phenol-d5	7.10	99	9426	0.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.27	67	35666	3.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.48	132	30661	2.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	12316	0.91	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	17411	3.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	15722	2.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	29197	2.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	751	0.06	ng/ul	-0.12
44) Dimethylphthalate-d6	13.99	166	98878	3.29	ng/ul	0.00
47) Acenaphthylene-d8	14.27	160	100654	2.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.80	143	283	0.05	ng/ul	0.03
58) Fluorene-d10	15.57	176	84797	3.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	8669	1.90	ng/ul	0.00
71) Anthracene-d10	17.42	188	133468	3.46	ng/ul	0.00
79) Pyrene-d10	19.70	212	151296	3.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.70	264	137867	3.18	ng/ul	0.00

Target Compounds

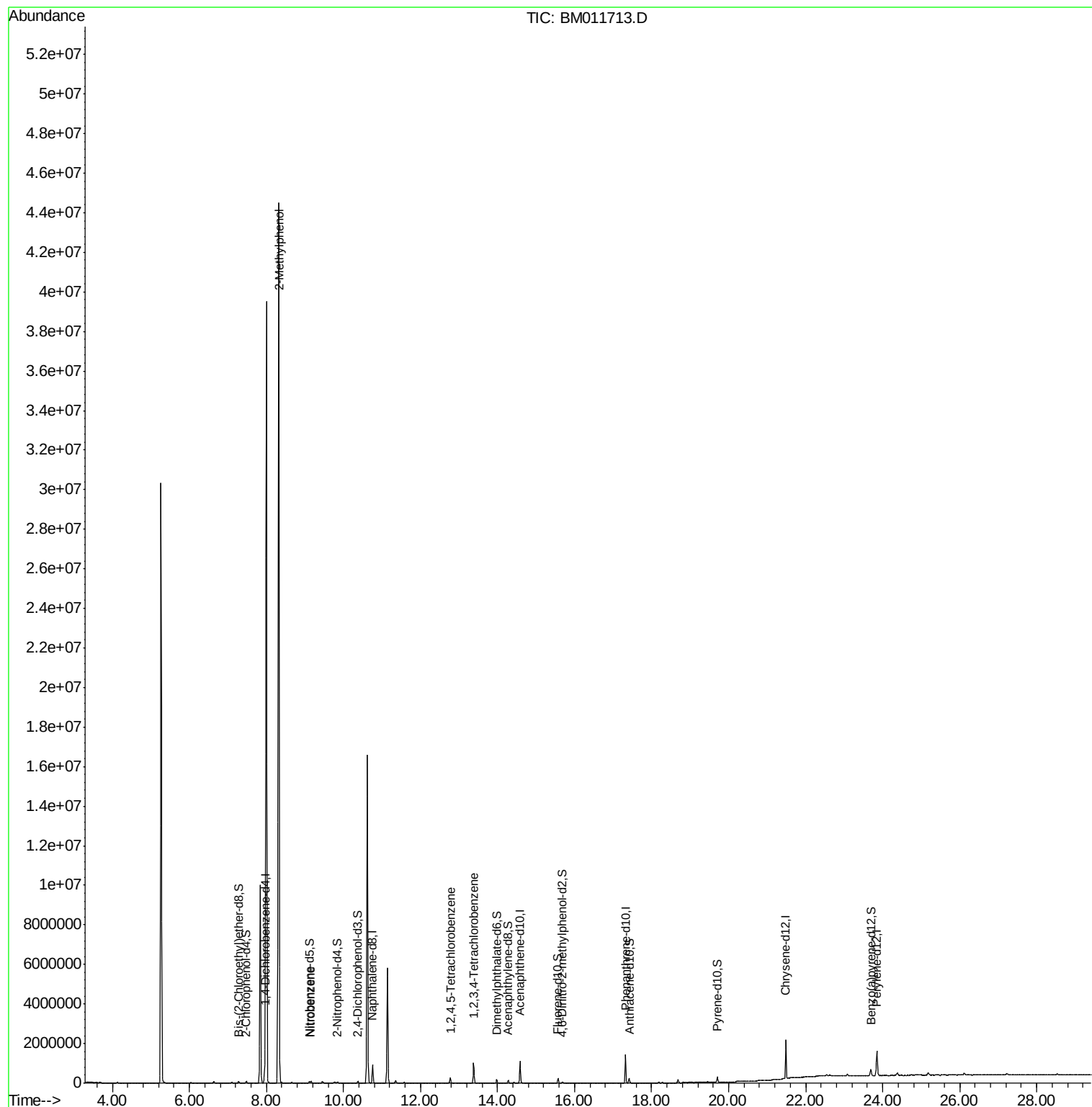
					Ovalue	
11) 2-Methylphenol	8.32	108	155575	11.874	ng/ul	98
20) Nitrobenzene	9.16	77	46834	3.790	ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	12.77	216	88947	8.438	ng/ul#	92
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	286086	27.377	ng/uL	98

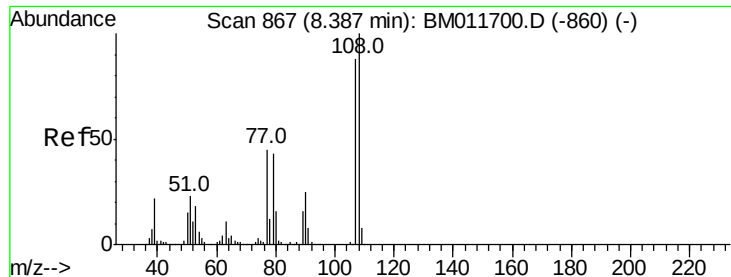
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 11.874 ng/ul

RT: 8.32 min Scan# 856

Delta R.T. -0.06 min

Lab File: BM011713.D

Acq: 23 Sep 2017 19:47

Instrument :

BNA_M

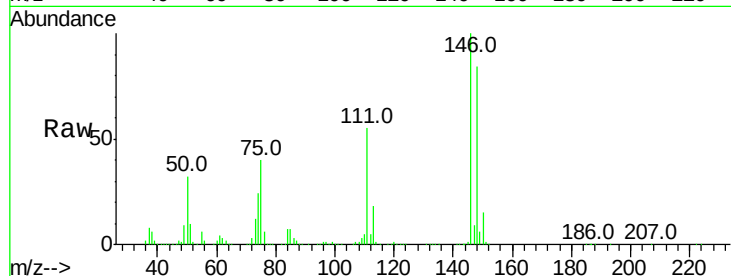
ClientSampled :

Tot Ion:108 Resp: 155575

Ion Ratio Lower Upper

108 100

107 94.9 74.1 111.1

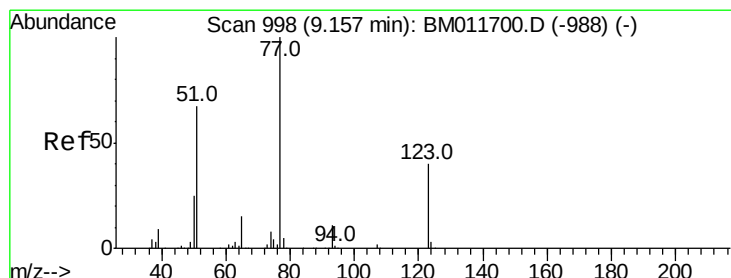
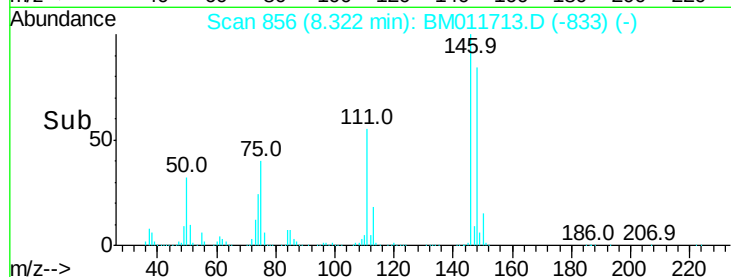


Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.32

Time-->



#20

Nitrobenzene

Concen: 3.790 ng/ul

RT: 9.16 min Scan# 998

Delta R.T. -0.00 min

Lab File: BM011713.D

Acq: 23 Sep 2017 19:47

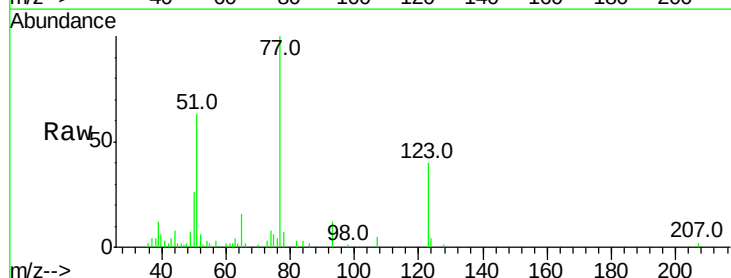
Tgt Ion: 77 Resp: 46834

Ion Ratio Lower Upper

77 100

123 39.9 31.8 47.8

65 16.2 10.6 16.0#



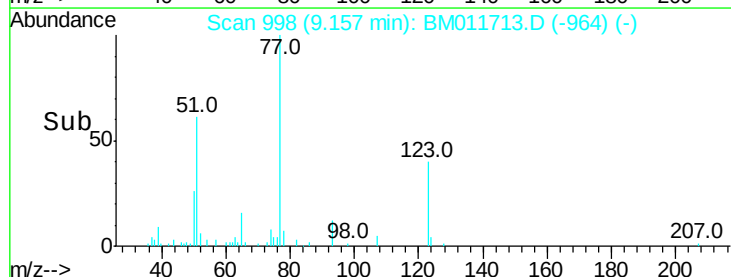
Abundance Ion 77.00 (76.70 to 77.70): BM0

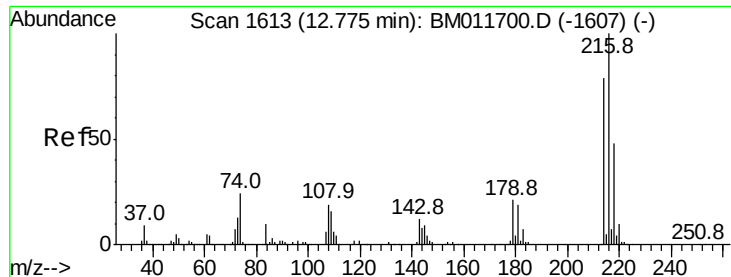
Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0

9.16

Time-->

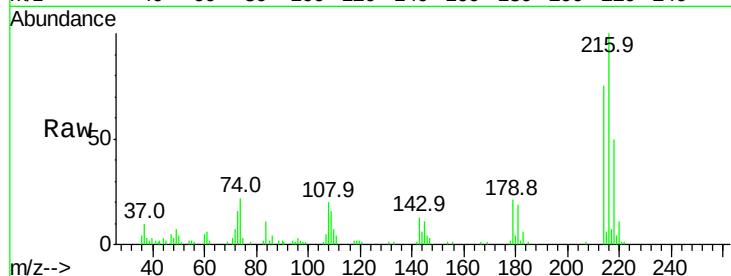




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 8.438 ng/ul
 RT: 12.77 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: BM011713.D
 Acq: 23 Sep 2017 19:47

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	74.8	64.1	96.1
179	21.4	14.5	21.7
108	19.8	10.4	15.6

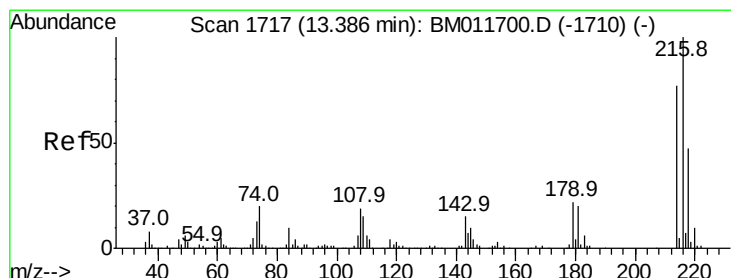
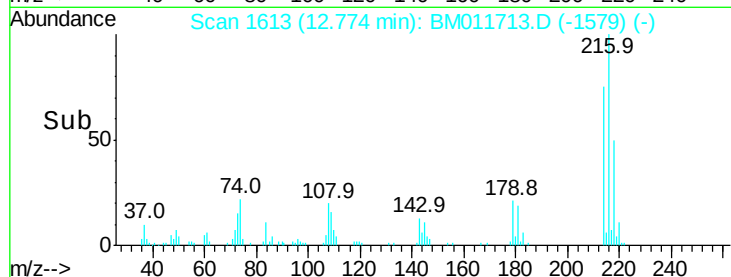
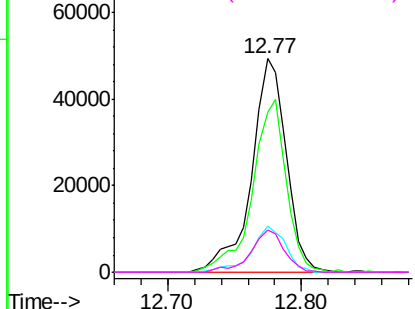


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

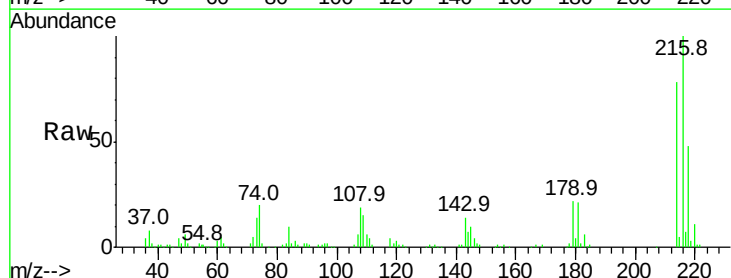
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 27.377 ng/uL
 RT: 13.39 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BM011713.D
 Acq: 23 Sep 2017 19:47

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	64.1	96.1
218	48.5	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

