

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092017\
 Data File : BM011629.D
 Acq On : 20 Sep 2017 10:00
 Operator : SJ/JU
 Sample : I5271-17DL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ2DL

Quant Time: Sep 21 01:46:41 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 21 01:44:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	360407	20.00	ng/ul	0.01
18) Naphthalene-d8	10.77	136	1498218	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	877092	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1943501	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1950975	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1677266	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	978	0.12	ng/uL	0.00
5) Phenol-d5	7.12	99	13063	0.38	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.29	67	48917	2.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	42809	1.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	26568	0.98	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	24994	2.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	23797	2.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	43320	1.82	ng/ul	0.01
29) 4-Chloroaniline-d4	10.93	131	1893	0.07	ng/ul	0.02
44) Dimethylphthalate-d6	14.00	166	180049	2.43	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	194909	2.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	712	0.05	ng/ul	0.04
58) Fluorene-d10	15.59	176	156368	2.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	13395	1.18	ng/ul	0.00
71) Anthracene-d10	17.43	188	247055	2.58	ng/ul	0.00
79) Pyrene-d10	19.72	212	264120	2.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	199757	2.50	ng/ul	0.00

Target Compounds

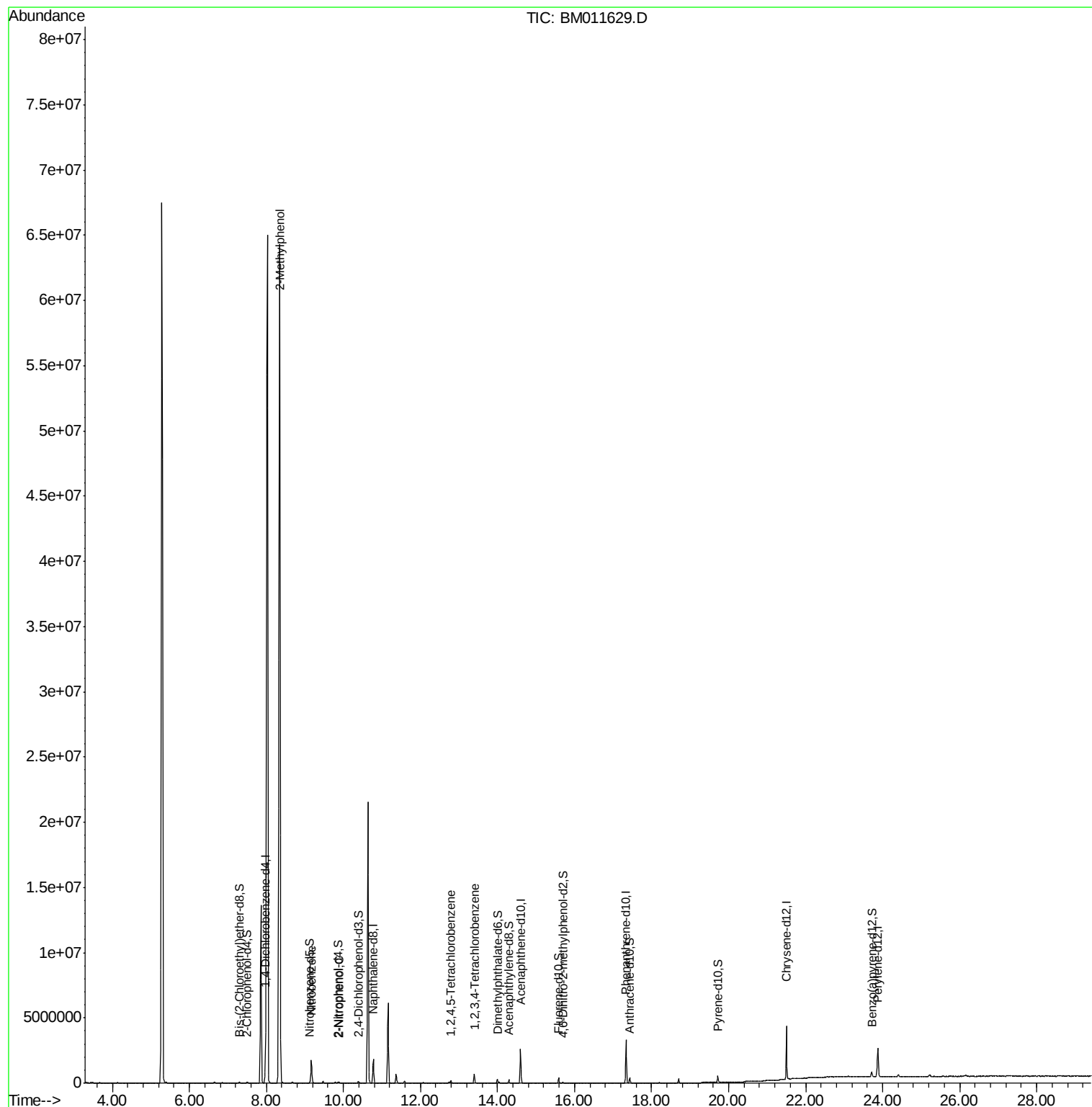
					Ovalue	
11) 2-Methylphenol	8.35	108	299388	11.494	ng/ul	100
20) Nitrobenzene	9.17	77	949803	35.516	ng/ul	97
23) 2-Nitrophenol	9.89	139	16219	1.306	ng/ul#	88
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	70413	2.706	ng/ul#	94
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	208224	8.040	ng/uL	97

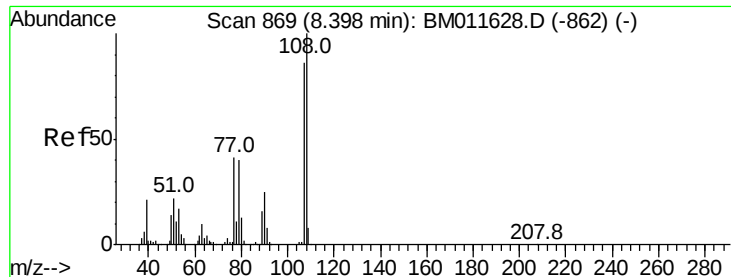
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 11.494 ng/ul

RT: 8.35 min Scan# 860

Delta R.T. -0.05 min

Lab File: BM011629.D

Acq: 20 Sep 2017 10:00

Instrument :

BNA_M

ClientSampleId :

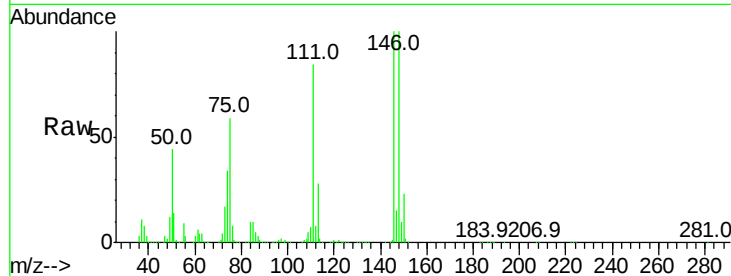
C0AJ2DL

Tot Ion:108 Resp: 299388

Ion Ratio Lower Upper

108 100

107 92.7 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

150000 Ion 107.00 (106.70 to 107.70): E

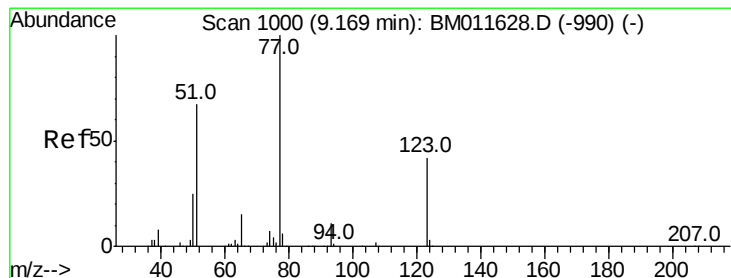
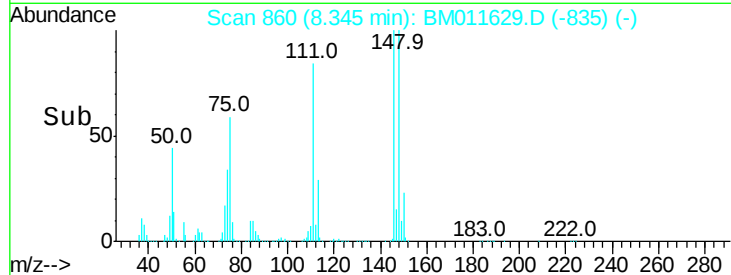
8.35

100000

50000

0

Time-->



#20

Nitrobenzene

Concen: 35.516 ng/ul

RT: 9.17 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BM011629.D

Acq: 20 Sep 2017 10:00

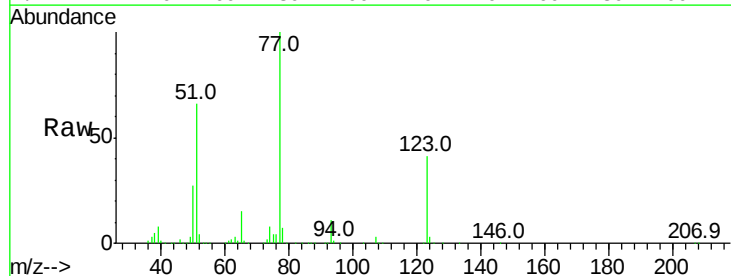
Tgt Ion: 77 Resp: 949803

Ion Ratio Lower Upper

77 100

123 40.9 31.8 47.8

65 15.3 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

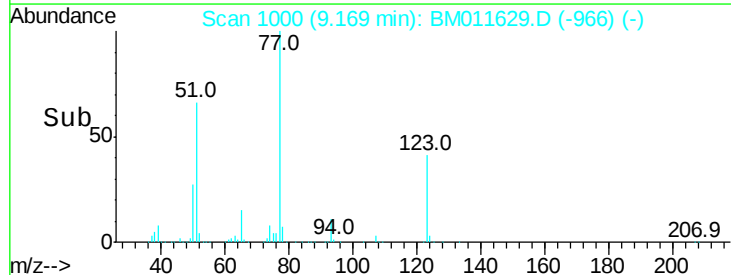
600000

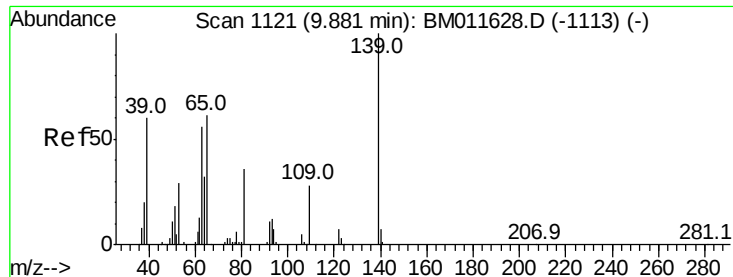
400000

200000

0

Time-->





#23

2-Nitrophenol

Concen: 1.306 ng/ul

RT: 9.89 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BM011629.D

Acq: 20 Sep 2017 10:00

Instrument :

BNA_M

ClientSampleId :

C0AJ2DL

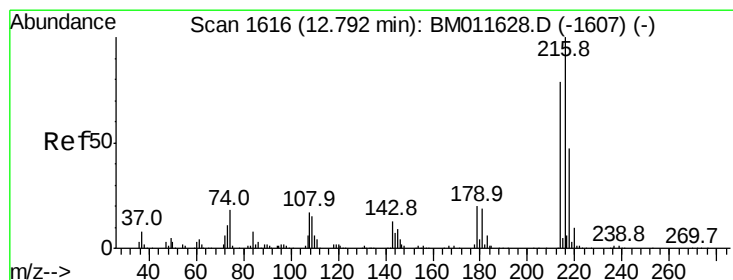
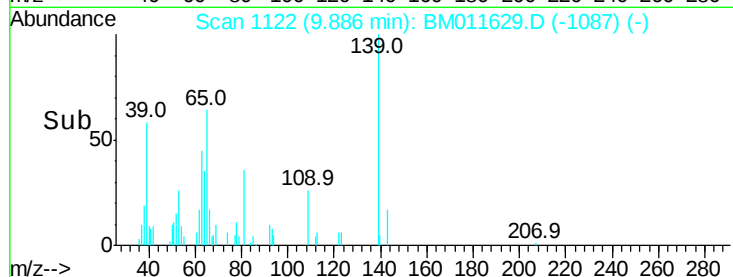
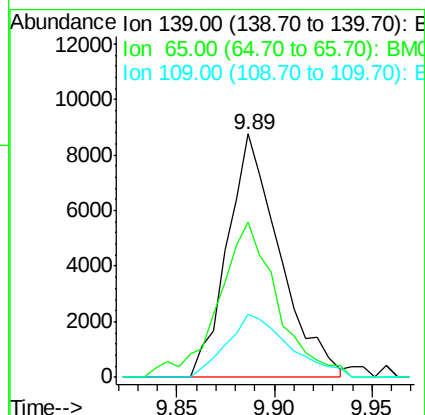
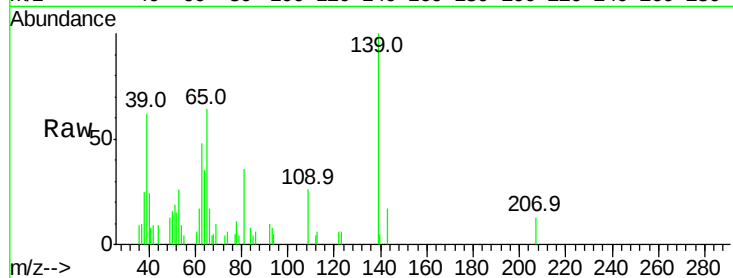
Tot Ion:139 Resp: 16219

Ion Ratio Lower Upper

139 100

65 63.7 45.3 67.9

109 26.1 27.7 41.5#



#37

1,2,4,5-Tetrachlorobenzene

Concen: 2.706 ng/ul

RT: 12.79 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BM011629.D

Acq: 20 Sep 2017 10:00

Tgt Ion:216 Resp: 70413

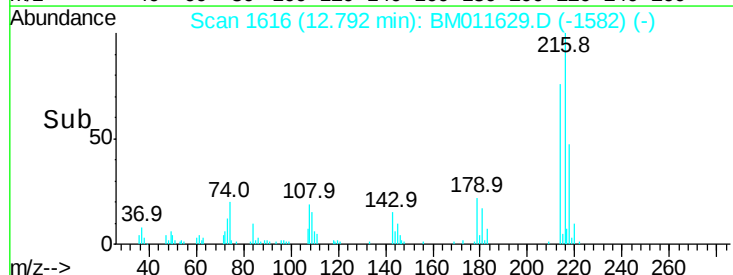
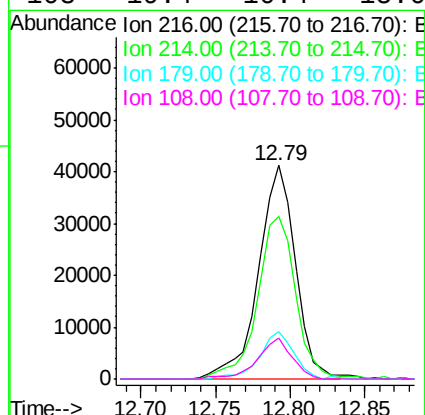
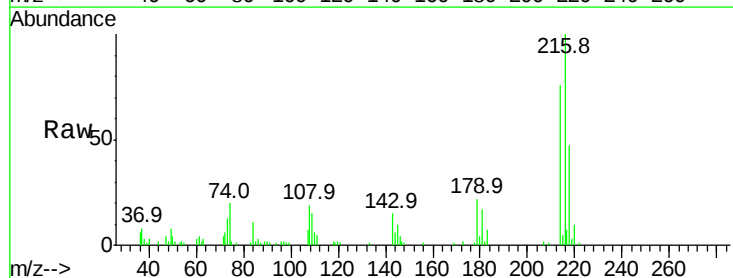
Ion Ratio Lower Upper

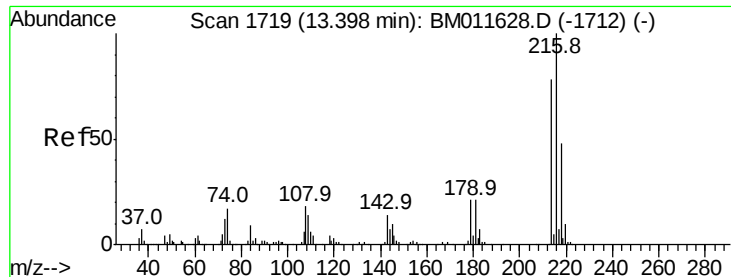
216 100

214 76.3 64.1 96.1

179 22.0 14.5 21.7#

108 19.4 10.4 15.6#





#73

1,2,3,4-Tetrachlorobenzene

Concen: 8.040 ng/uL

RT: 13.40 min Scan# 1719

Delta R.T. 0.00 min

Lab File: BM011629.D

Acq: 20 Sep 2017 10:00

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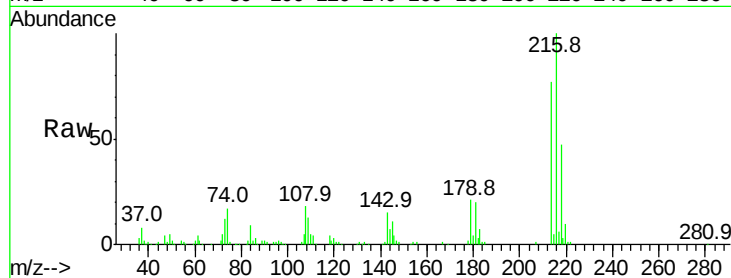
Tot Ion:216 Resp: 208224

Ion Ratio Lower Upper

216 100

214 77.2 64.1 96.1

218 47.5 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

