

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010719\
 Data File : BM018451.D
 Acq On : 07 Jan 2019 19:13
 Operator : JU/SJ
 Sample : K1048-05DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 08 00:08:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 07 23:55:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	341964	20.00	ng/ul	0.01
18) Naphthalene-d8	10.56	136	1363532	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	765366	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1753201	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	1915623	20.00	ng/ul	0.00
85) Perylene-d12	23.63	264	2009185	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	6534	0.89	ng/uL	0.00
5) Phenol-d5	6.95	99	36691	1.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	101273	6.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	121821	5.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	68736	3.14	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	74352	7.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	68803	6.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	130819	6.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	1324	0.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	495664	7.55	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	584290	7.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	11808	1.04	ng/ul	0.02
57) Fluorene-d10	15.40	176	431890	7.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	43179	4.50	ng/ul	0.00
70) Anthracene-d10	17.26	188	651071	7.63	ng/ul	0.00
78) Pyrene-d10	19.56	212	742022	7.62	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	827364	7.57	ng/ul	0.00

Target Compounds

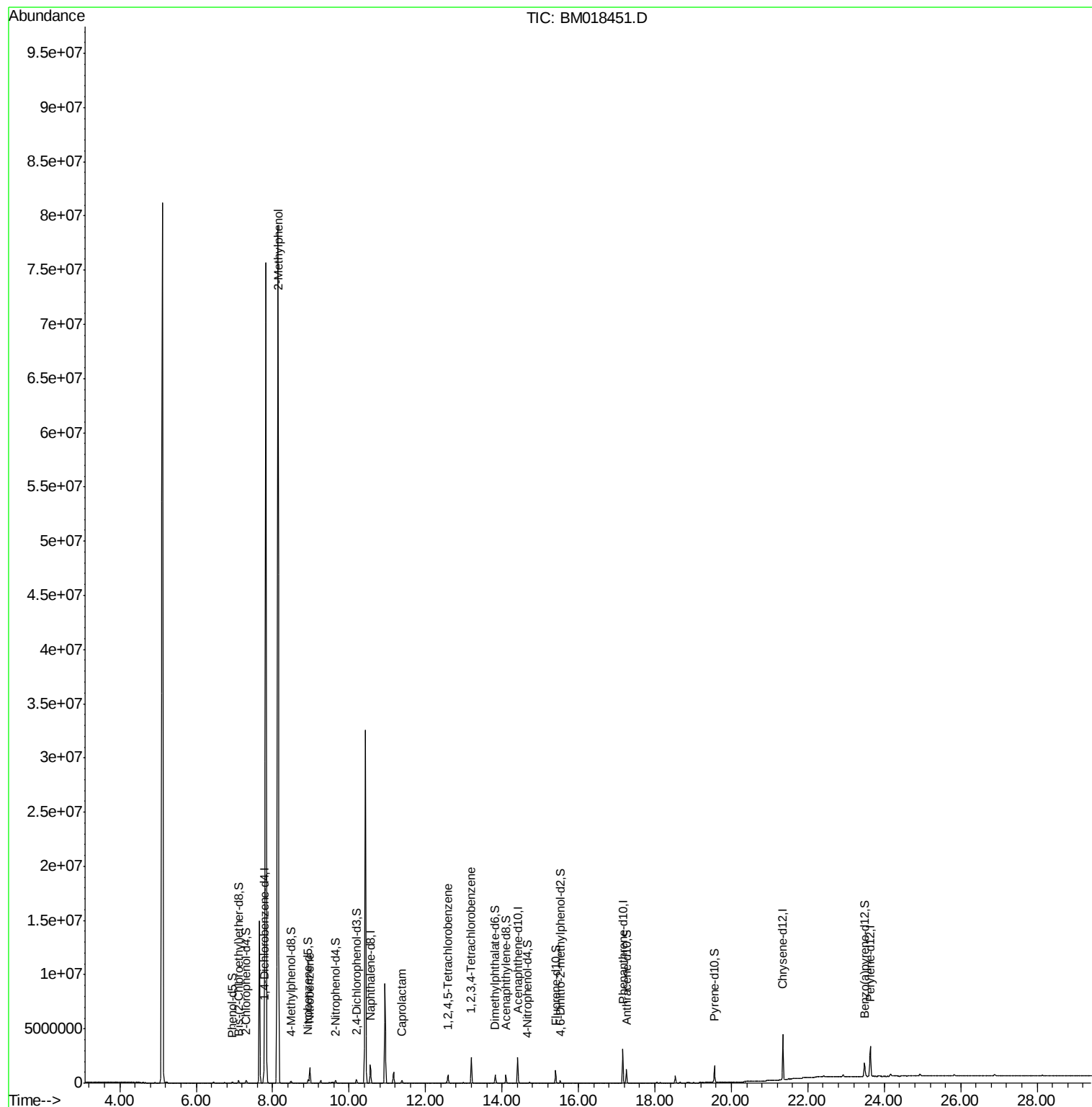
					Ovalue
11) 2-Methylphenol	8.15	108	393203	19.039 ng/ul	99
20) Nitrobenzene	8.97	77	733732	32.214 ng/ul	98
32) Caprolactam	11.38	113	17438	2.757 ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	263124	10.120 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.20	216	671578	26.426 ng/uL	98

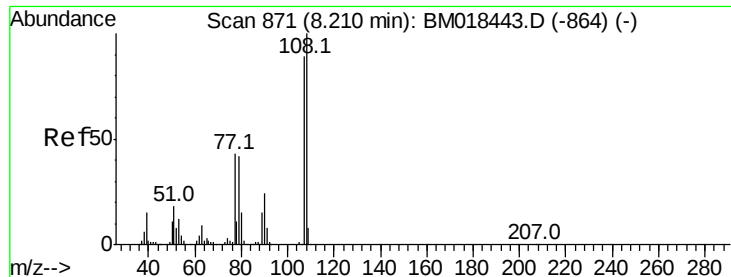
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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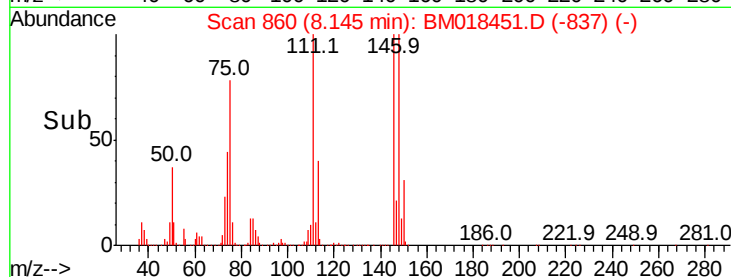
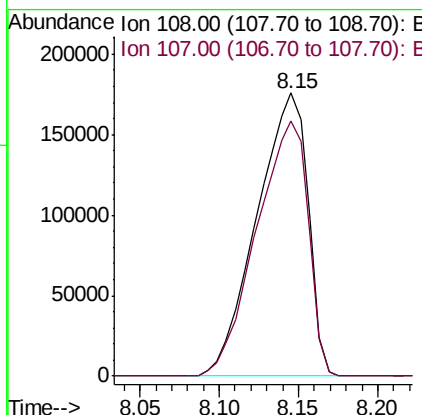
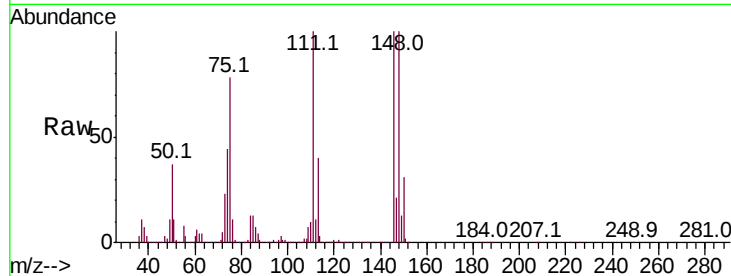




#11
2-Methylphenol
Concen: 19.039 ng/ul
RT: 8.15 min Scan# 860
Delta R.T. -0.06 min
Lab File: BM018451.D
Acq: 07 Jan 2019 19:13

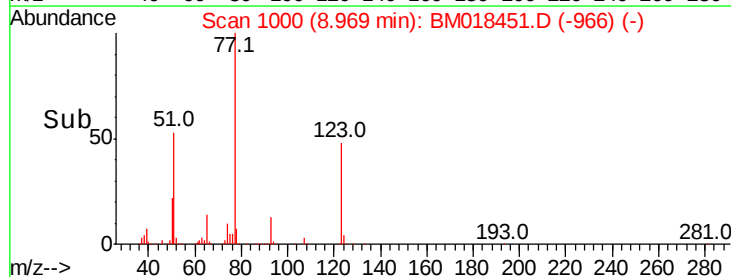
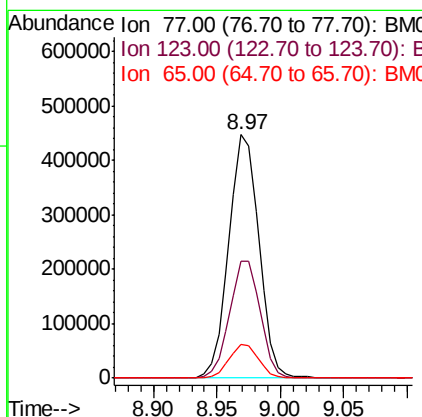
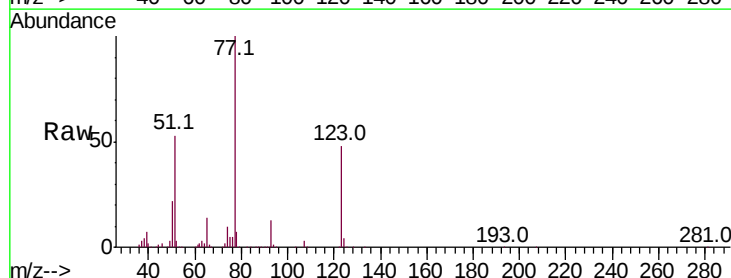
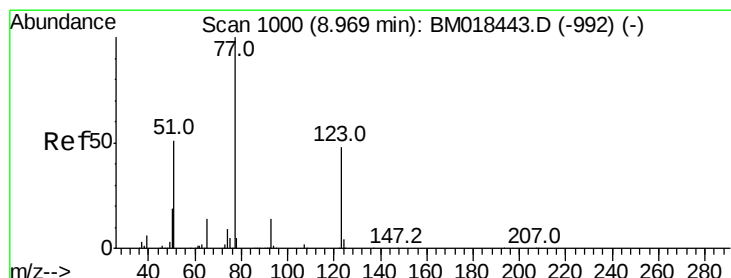
Instrument :
BNA_M
ClientSampleId :

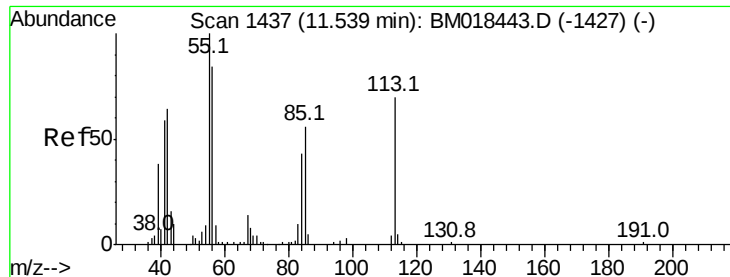
Tot Ion:108 Resp: 393203
Ion Ratio Lower Upper
108 100
107 90.2 72.7 109.1



#20
Nitrobenzene
Concen: 32.214 ng/ul
RT: 8.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BM018451.D
Acq: 07 Jan 2019 19:13

Tgt Ion: 77 Resp: 733732
Ion Ratio Lower Upper
77 100
123 47.9 39.5 59.3
65 13.7 10.9 16.3





#32

Caprolactam

Concen: 2.757 ng/ul

RT: 11.38 min Scan# 1410

Delta R.T. -0.16 min

Lab File: BM018451.D

Acq: 07 Jan 2019 19:13

Instrument :

BNA_M

ClientSampleId :

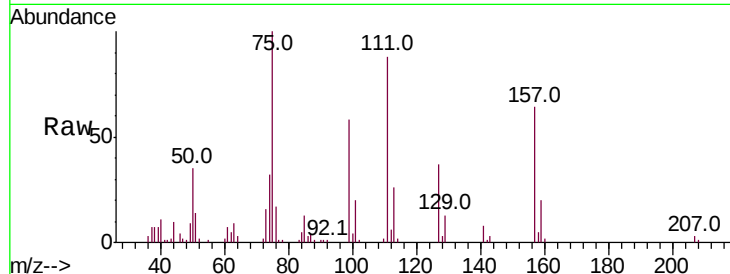
Tot Ion:113 Resp: 17438

Ion Ratio Lower Upper

113 100

55 3.4 107.9 161.9#

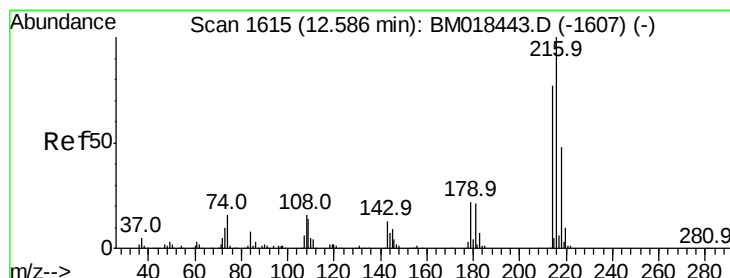
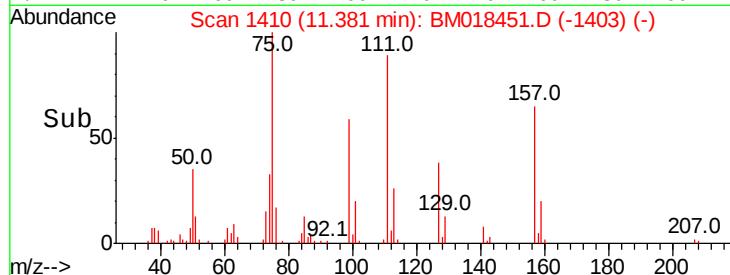
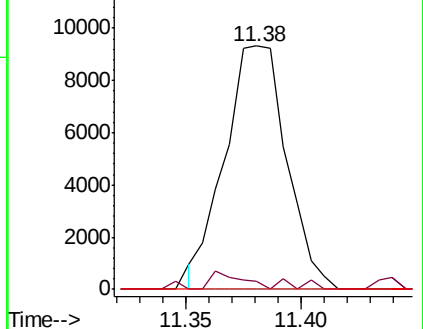
56 0.0 83.0 124.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

1,2,4,5-Tetrachlorobenzene

Concen: 10.120 ng/ul

RT: 12.59 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BM018451.D

Acq: 07 Jan 2019 19:13

Tgt Ion:216 Resp: 263124

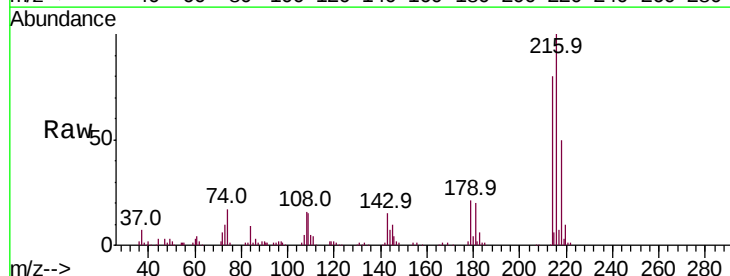
Ion Ratio Lower Upper

216 100

214 79.7 64.3 96.5

179 21.3 18.8 28.2

108 15.8 13.4 20.2

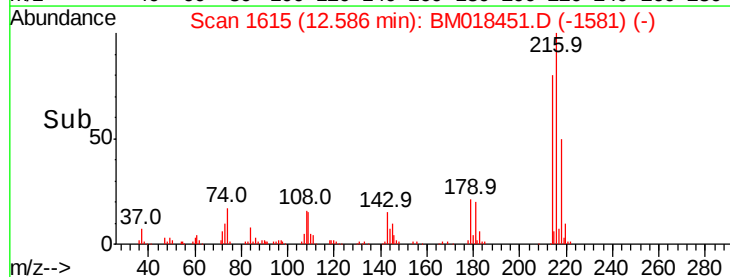
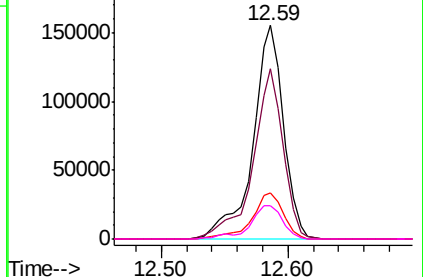


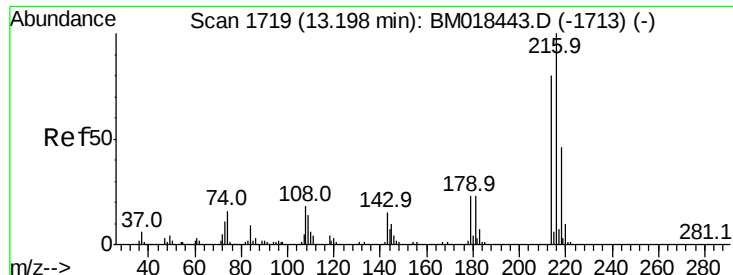
Abundance Ion 216.00 (215.70 to 216.70): E

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: 26.426 ng/uL

RT: 13.20 min Scan# 1719

Delta R.T. 0.00 min

Lab File: BM018451.D

Acq: 07 Jan 2019 19:13

Instrument :

BNA_M

ClientSampleId :

Tot Ion:216 Resp: 671578

Ion Ratio Lower Upper

216 100

214 80.6 62.3 93.5

218 48.5 38.5 57.7

