

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
 Data File : BM015573.D
 Acq On : 08 Jun 2018 20:57
 Operator : SJ/JU
 Sample : J3261-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 08 23:06:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 08 23:05:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	83295	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	397417	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	244176	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.69	188	650547	20.00	ng/ul	0.00
77) Chrysene-d12	21.79	240	786356	20.00	ng/ul	0.00
85) Perylene-d12	24.20	264	886379	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	9912	5.78	ng/uL	0.00
5) Phenol-d5	7.49	99	56911	7.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	172705	37.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	184694	31.94	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	102446	15.73	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	113214	42.37	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	125558	43.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	220614	37.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.33	131	4966	0.75	ng/ul	0.01
43) Dimethylphthalate-d6	14.36	166	953688	47.18	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	1025883	47.05	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	24130	6.18	ng/ul	0.00
57) Fluorene-d10	15.94	176	767043	44.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	133242	34.00	ng/ul	0.00
70) Anthracene-d10	17.78	188	1305256	44.01	ng/ul	0.00
78) Pyrene-d10	20.03	212	1563650	46.23	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.05	264	1973161	44.41	ng/ul	0.00

Target Compounds

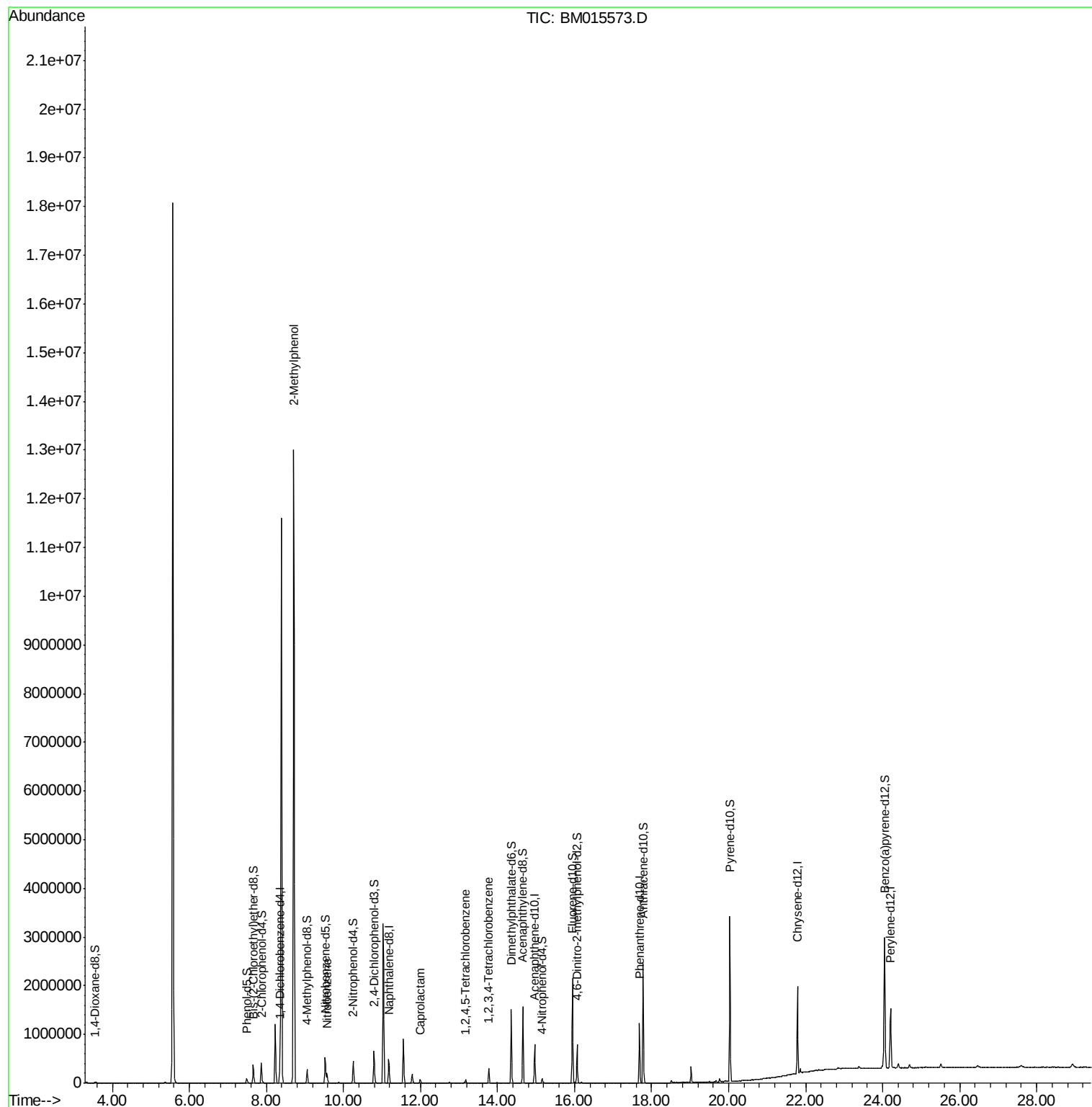
					Ovalue
11) 2-Methylphenol	8.71	108	44331	7.371 ng/ul	95
20) Nitrobenzene	9.57	77	115890	16.056 ng/ul	90
32) Caprolactam	11.99	113	4713	2.076 ng/ul#	24
36) 1,2,4,5-Tetrachlorobenzene	13.17	216	25192	3.575 ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.77	216	80742	10.291 ng/uL	98

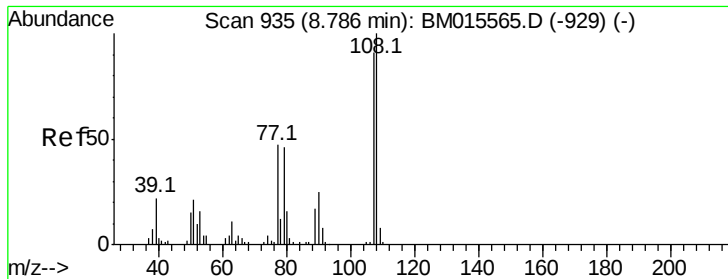
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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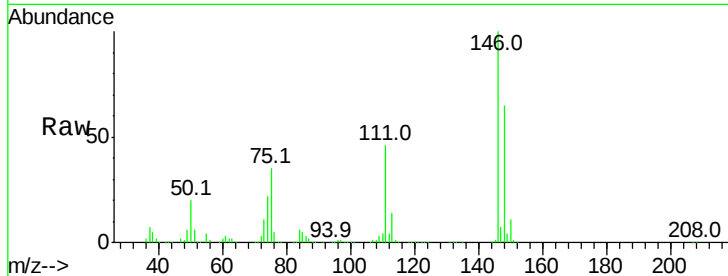




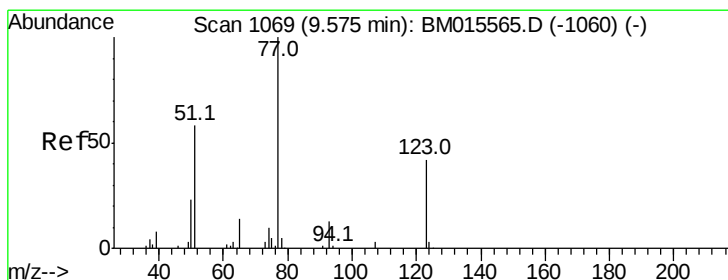
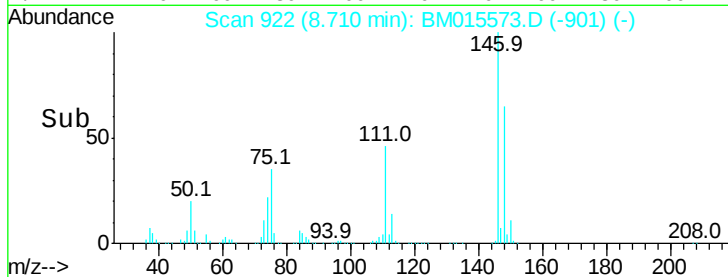
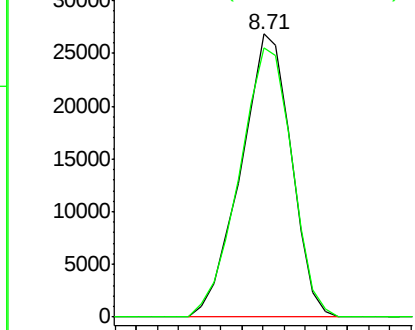
#11
2-Methylphenol
Concen: 7.371 ng/ul
RT: 8.71 min Scan# 922
Delta R.T. -0.08 min
Lab File: BM015573.D
Acq: 08 Jun 2018 20:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion:108 Resp: 44331
Ion Ratio Lower Upper
108 100
107 95.2 72.4 108.6

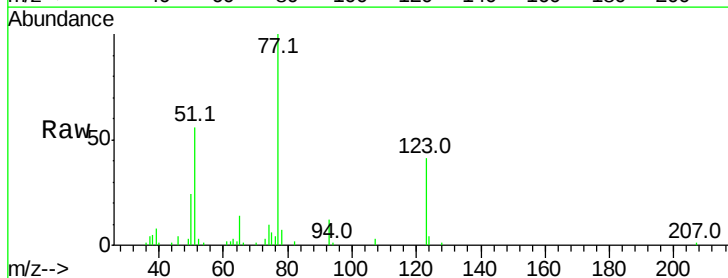


Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

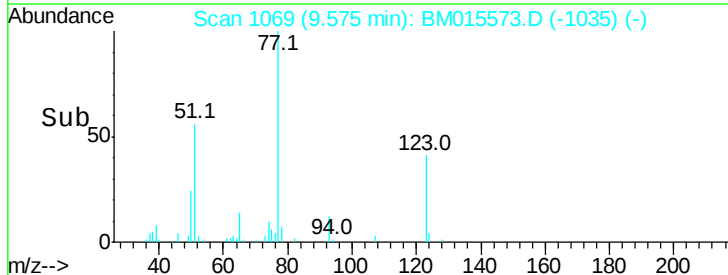
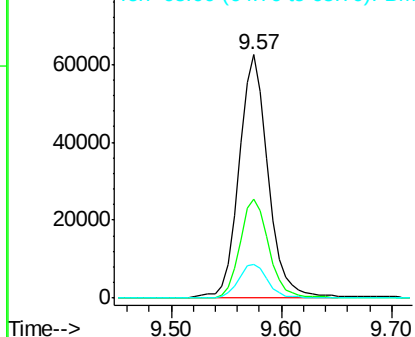


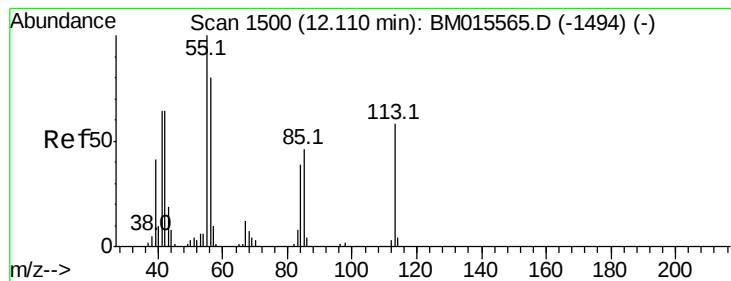
#20
Nitrobenzene
Concen: 16.056 ng/ul
RT: 9.57 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BM015573.D
Acq: 08 Jun 2018 20:57

Tgt Ion: 77 Resp: 115890
Ion Ratio Lower Upper
77 100
123 40.9 39.0 58.4
65 13.7 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





#32

Caprolactam

Concen: 2.076 ng/ul

RT: 11.99 min Scan# 1480

Delta R.T. -0.12 min

Lab File: BM015573.D

Acq: 08 Jun 2018 20:57

Instrument :

BNA_M

ClientSampleId :

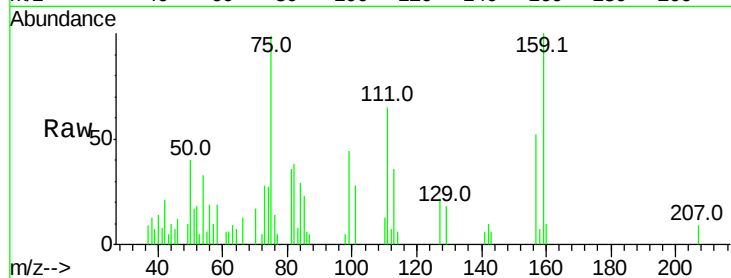
Tot Ion:113 Resp: 4713

Ion Ratio Lower Upper

113 100

55 15.9 101.9 152.9#

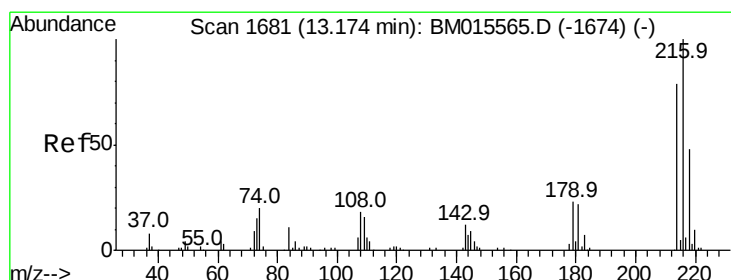
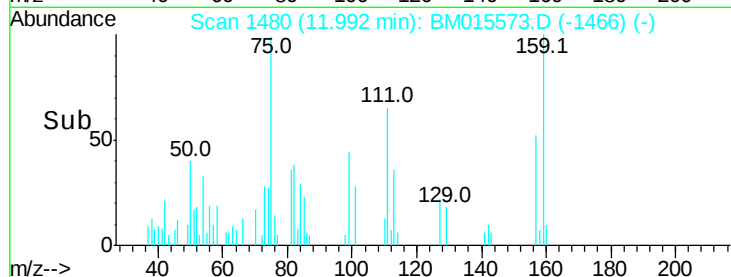
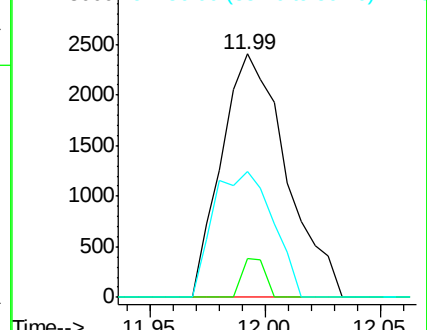
56 51.7 81.2 121.8#



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: 3.575 ng/ul

RT: 13.17 min Scan# 1681

Delta R.T. 0.00 min

Lab File: BM015573.D

Acq: 08 Jun 2018 20:57

Tgt Ion:216 Resp: 25192

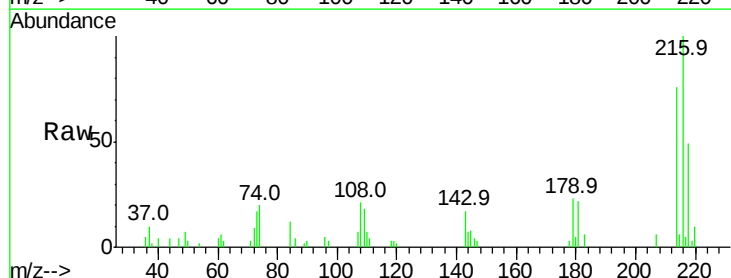
Ion Ratio Lower Upper

216 100

214 76.4 62.5 93.7

179 23.0 18.2 27.2

108 21.2 14.2 21.2

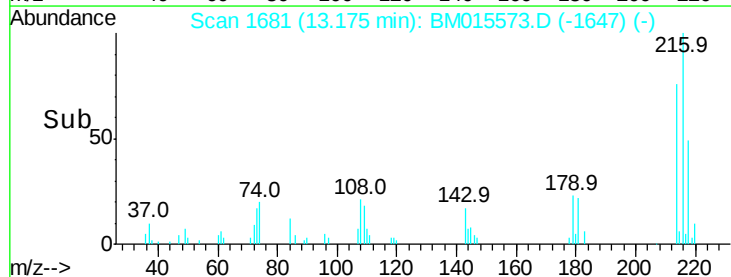
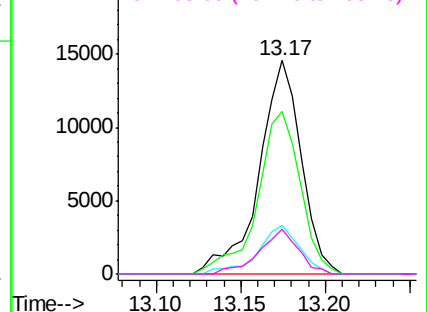


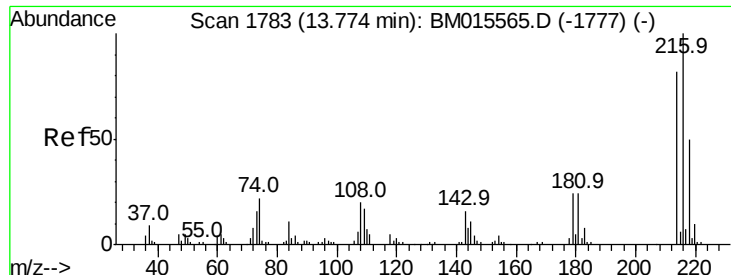
Abundance Ion 216.00 (215.70 to 216.70): E

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: 10.291 ng/uL

RT: 13.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BM015573.D

Acq: 08 Jun 2018 20:57

Instrument :

BNA_M

ClientSampleId :

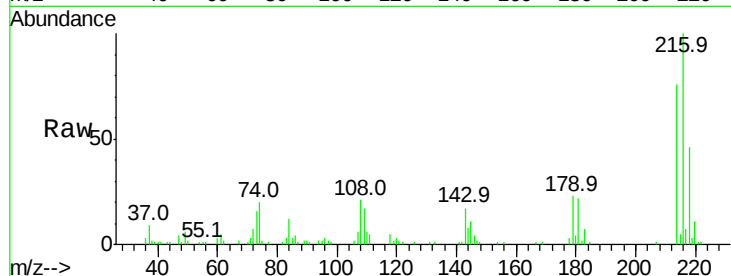
Tot Ion:216 Resp: 80742

Ion Ratio Lower Upper

216 100

214 76.4 62.5 93.7

218 46.3 38.4 57.6



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

