

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091818\
 Data File : BN002760.D
 Acq On : 18 Sep 2018 19:45
 Operator : JU/SJ
 Sample : J4893-20DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 19 02:09:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 19 01:57:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	156038	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	649324	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	344538	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	675831	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	621359	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	637235	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	930	0.27	ng/uL	0.00
5) Phenol-d5	6.84	99	21811	1.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	57726	7.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	61810	5.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	38363	3.74	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	33835	6.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	37752	6.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	64019	6.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	2056	0.17	ng/ul	0.02
43) Dimethylphthalate-d6	13.70	166	209433	7.77	ng/ul	0.00
46) Acenaphthylene-d8	13.98	160	255840	7.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	990	0.22	ng/ul	0.07
57) Fluorene-d10	15.28	176	187220	7.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	16211	3.83	ng/ul	0.01
70) Anthracene-d10	17.13	188	261146	8.09	ng/ul	0.00
78) Pyrene-d10	19.43	212	266801	8.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.31	264	273734	8.16	ng/ul	0.00

Target Compounds

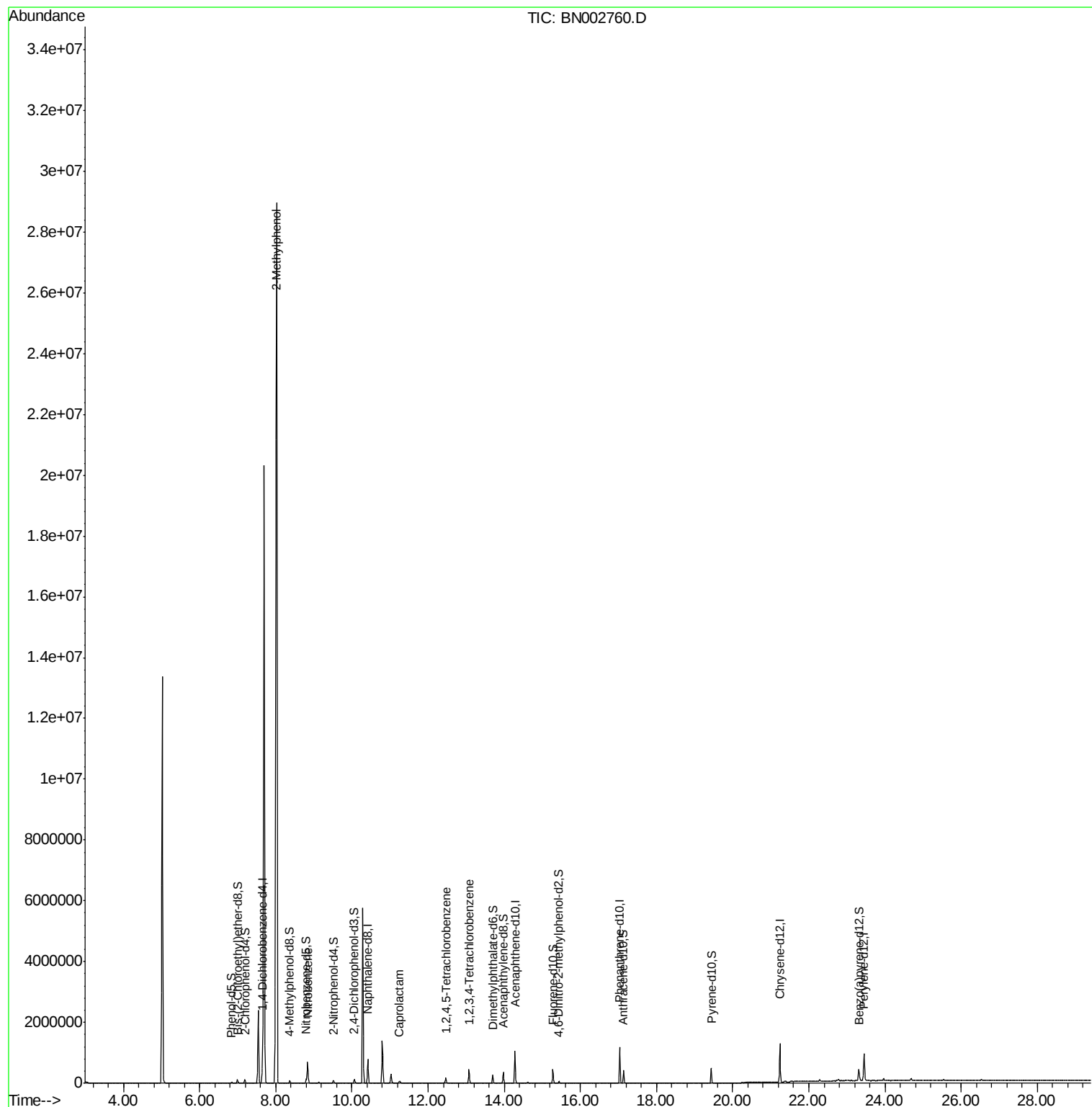
					Ovalue
11) 2-Methylphenol	8.03	108	125602	12.518 ng/ul	95
20) Nitrobenzene	8.84	77	387200	33.119 ng/ul	98
32) Caprolactam	11.25	113	6080	1.985 ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	63775	5.572 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.08	216	143321	12.413 ng/uL	97

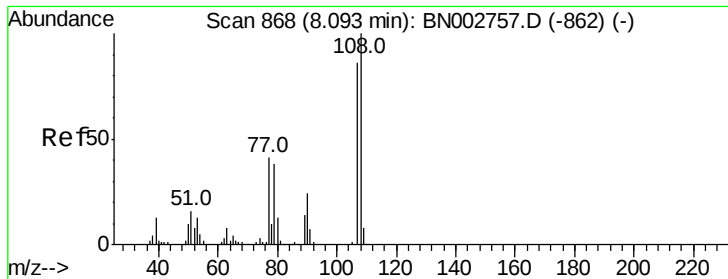
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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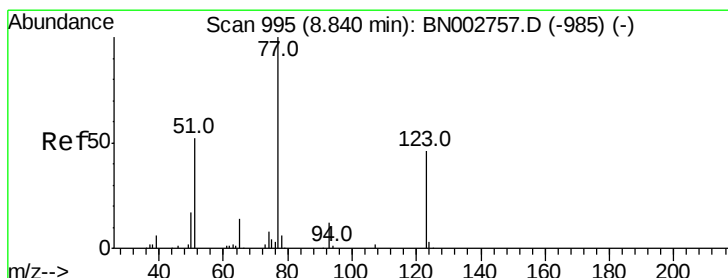
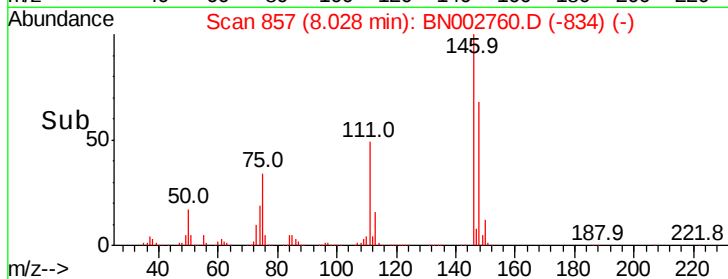
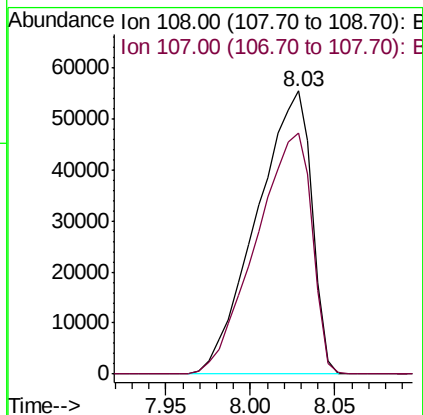
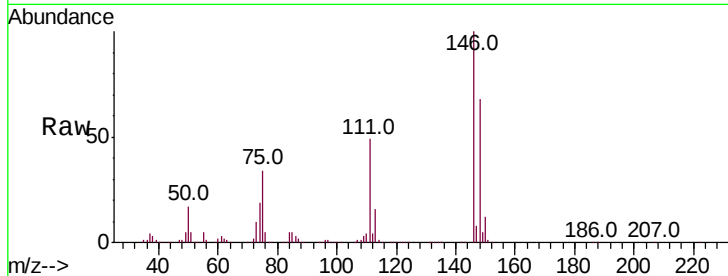




#11
2-Methylphenol
Concen: 12.518 ng/ul
RT: 8.03 min Scan# 857
Delta R.T. -0.06 min
Lab File: BN002760.D
Acq: 18 Sep 2018 19:45

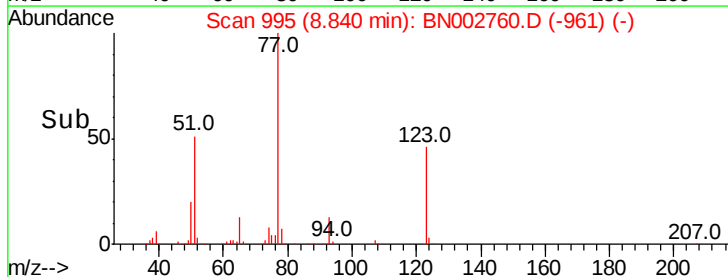
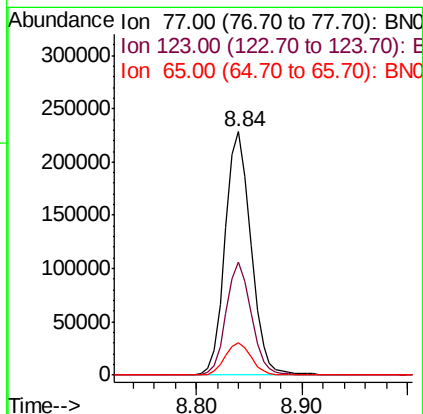
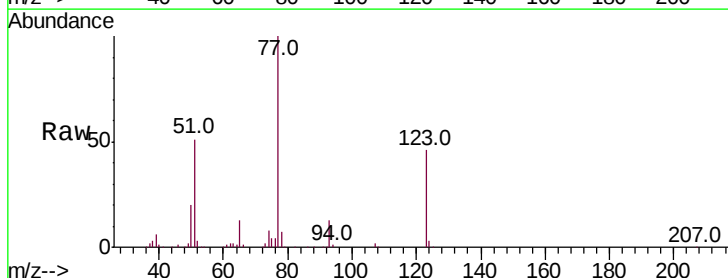
Instrument :
BNA_N
ClientSampleId :

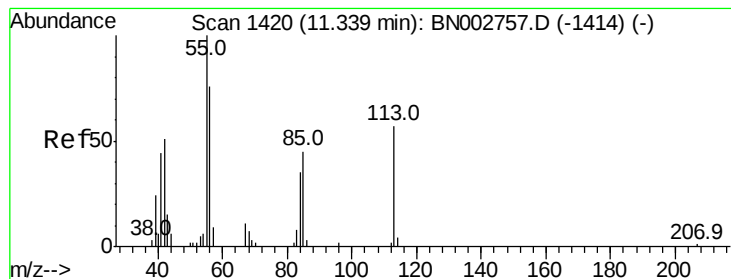
Tot Ion:108 Resp: 125602
Ion Ratio Lower Upper
108 100
107 85.4 72.0 108.0



#20
Nitrobenzene
Concen: 33.119 ng/ul
RT: 8.84 min Scan# 995
Delta R.T. 0.00 min
Lab File: BN002760.D
Acq: 18 Sep 2018 19:45

Tgt Ion: 77 Resp: 387200
Ion Ratio Lower Upper
77 100
123 46.4 35.8 53.8
65 13.3 11.1 16.7





#32

Caprolactam

Concen: 1.985 ng/ul

RT: 11.25 min Scan# 1404

Delta R.T. -0.09 min

Lab File: BN002760.D

Acq: 18 Sep 2018 19:45

Instrument :

BNA_N

ClientSampleId :

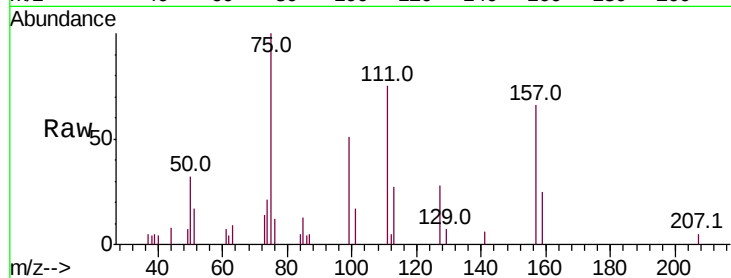
Tot Ion:113 Resp: 6080

Ion Ratio Lower Upper

113 100

55 0.0 137.0 205.4#

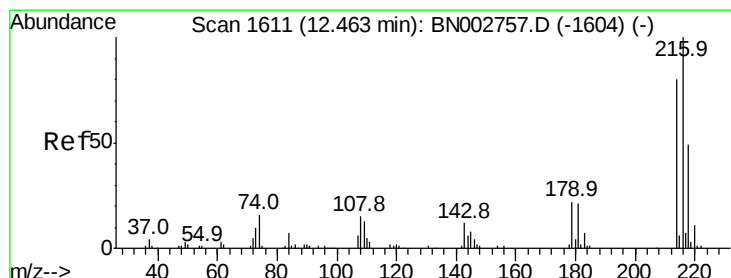
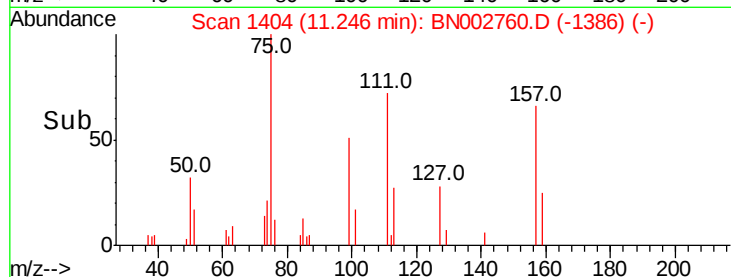
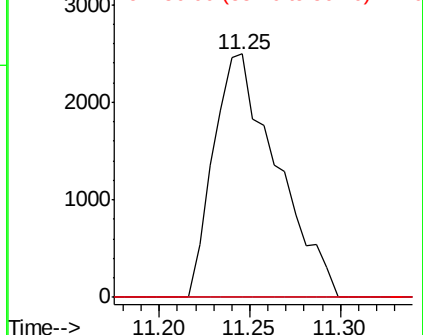
56 0.0 102.4 153.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BN0

Ion 56.00 (55.70 to 56.70): BN0



#36

1,2,4,5-Tetrachlorobenzene

Concen: 5.572 ng/ul

RT: 12.46 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BN002760.D

Acq: 18 Sep 2018 19:45

Tgt Ion:216 Resp: 63775

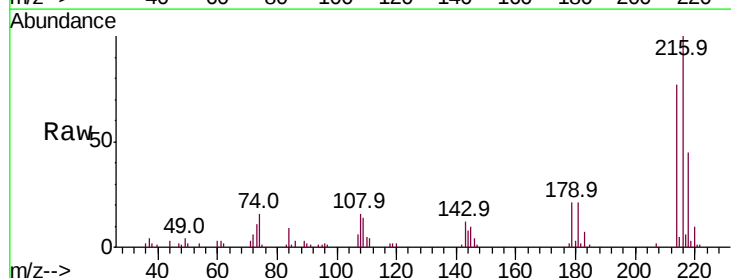
Ion Ratio Lower Upper

216 100

214 77.4 63.5 95.3

179 20.6 16.5 24.7

108 16.3 13.4 20.2

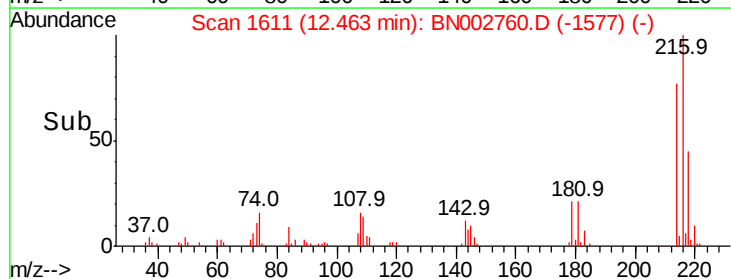
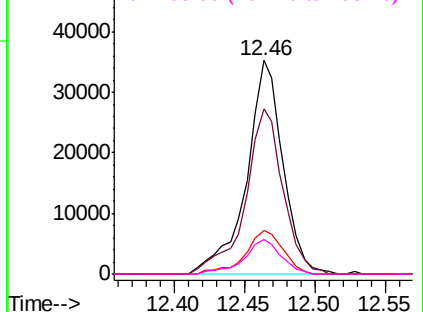


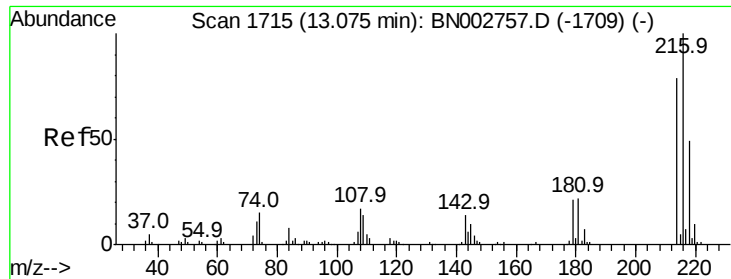
Abundance Ion 216.00 (215.70 to 216.70): E

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: 12.413 ng/uL

RT: 13.08 min Scan# 1715

Delta R.T. 0.00 min

Lab File: BN002760.D

Acq: 18 Sep 2018 19:45

Instrument :

BNA_N

ClientSampleId :

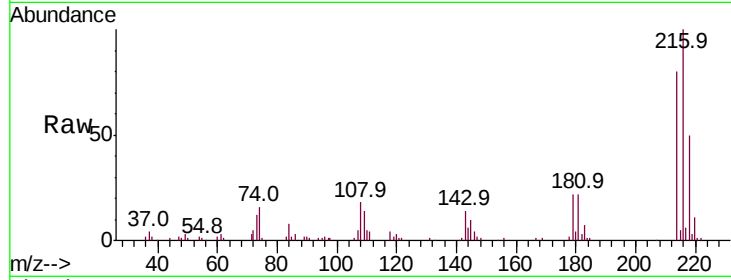
Tot Ion:216 Resp: 143321

Ion Ratio Lower Upper

216 100

214 80.1 62.9 94.3

218 50.4 37.8 56.6



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

