

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082018\
 Data File : BN002445.D
 Acq On : 21 Aug 2018 04:24
 Operator : JU/SJ
 Sample : J4514-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 21 06:47:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 21 04:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	149146	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	707028	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	445524	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1062456	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1182169	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	1252586	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	19894	6.30	ng/uL	0.00
5) Phenol-d5	6.85	99	109300	7.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	311735	36.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	297800	28.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	203055	18.57	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	205897	36.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	216810	36.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	345718	31.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	999	0.08	ng/ul	-0.14
43) Dimethylphthalate-d6	13.72	166	1391885	37.69	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1664054	36.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	34311	4.91	ng/ul	0.00
57) Fluorene-d10	15.30	176	1196510	37.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	189581	28.03	ng/ul	0.00
70) Anthracene-d10	17.15	188	1884723	37.13	ng/ul	0.00
78) Pyrene-d10	19.45	212	2138268	37.80	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	2464571	37.63	ng/ul	0.00

Target Compounds

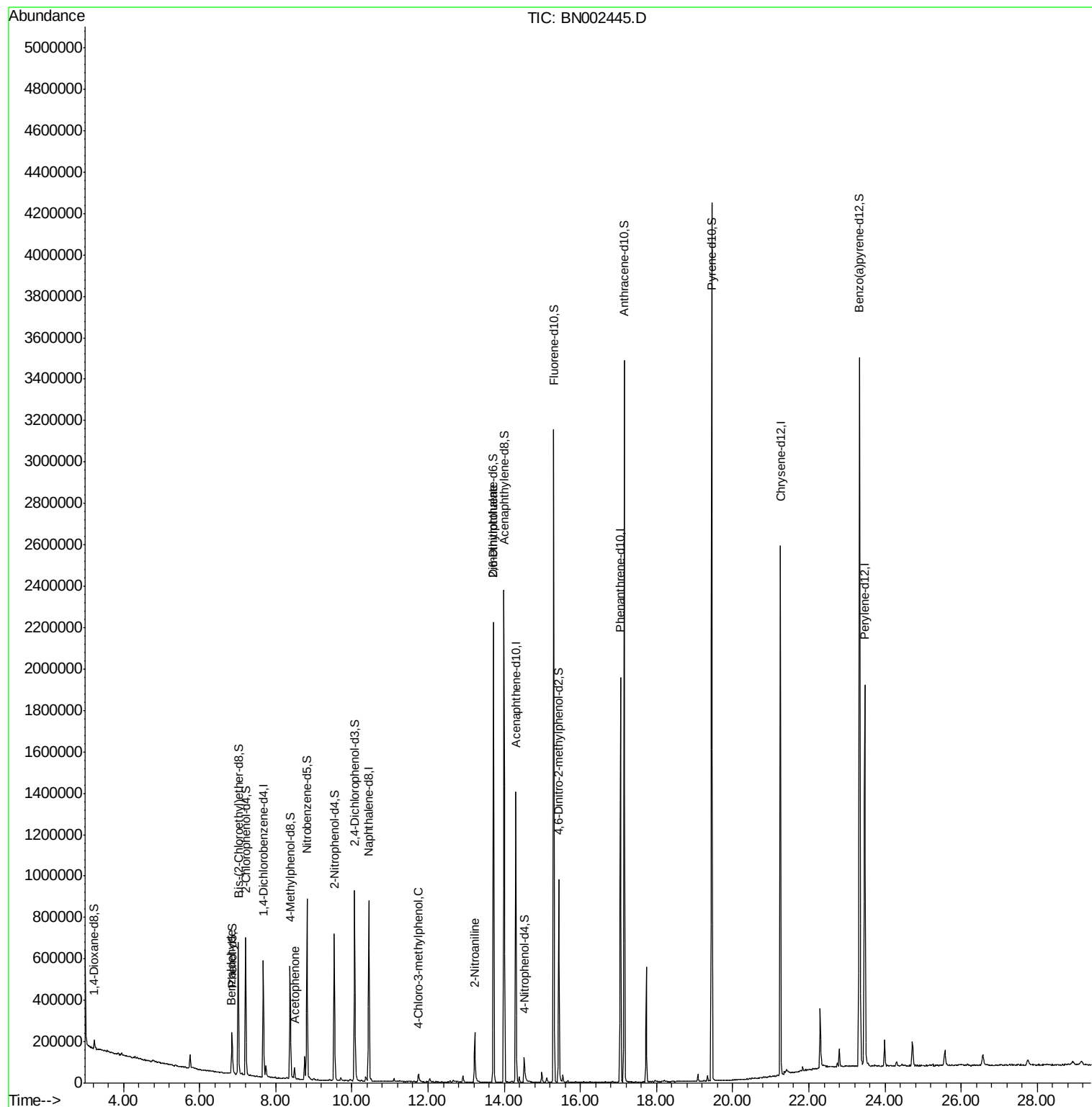
					Ovalue
4) Benzaldehyde	6.83	77	12627	1.344 ng/ul	95
14) Acetophenone	8.49	105	27532	1.575 ng/ul#	88
33) 4-Chloro-3-methylphenol	11.75	107	20000	1.650 ng/ul	90
42) 2-Nitroaniline	13.23	65	10223	1.155 ng/ul#	5
45) 2,6-Dinitrotoluene	13.72	165	8250	1.127 ng/ul#	35

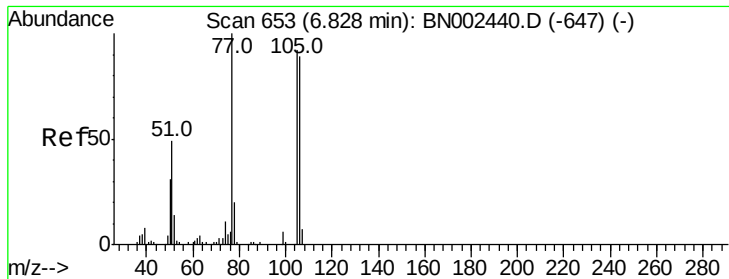
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.344 ng/ul

RT: 6.83 min Scan# 654

Delta R.T. 0.01 min

Lab File: BN002445.D

Acq: 21 Aug 2018 04:24

Instrument :

BNA_N

ClientSampleId :

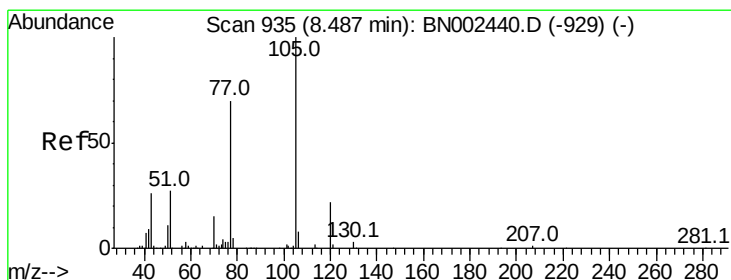
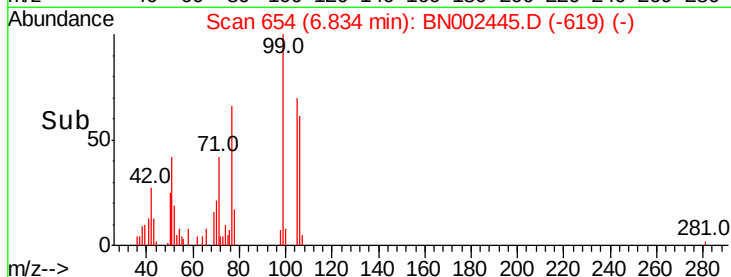
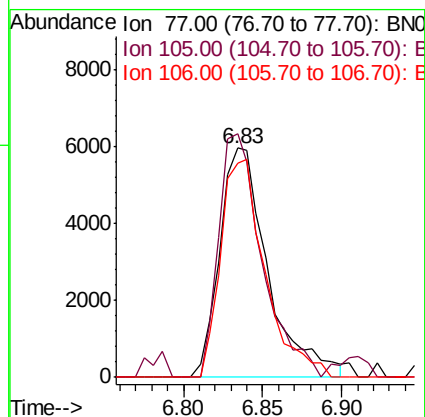
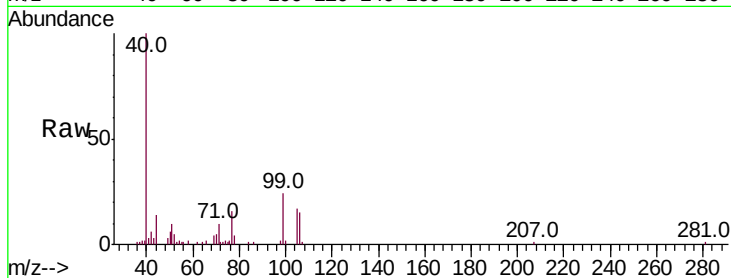
Tot Ion: 77 Resp: 12627

Ion Ratio Lower Upper

77 100

105 106.3 80.6 120.8

106 93.3 77.7 116.5



#14

Acetophenone

Concen: 1.575 ng/ul

RT: 8.49 min Scan# 936

Delta R.T. 0.01 min

Lab File: BN002445.D

Acq: 21 Aug 2018 04:24

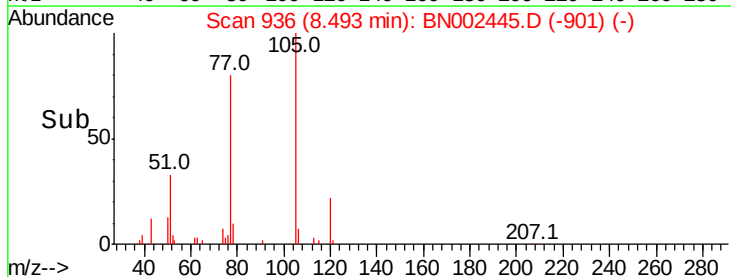
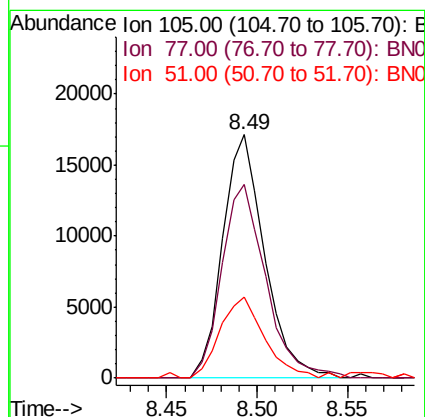
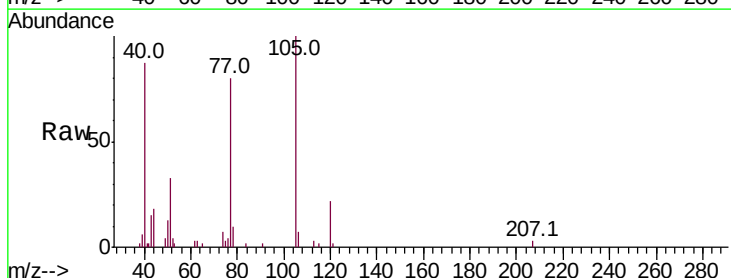
Tgt Ion: 105 Resp: 27532

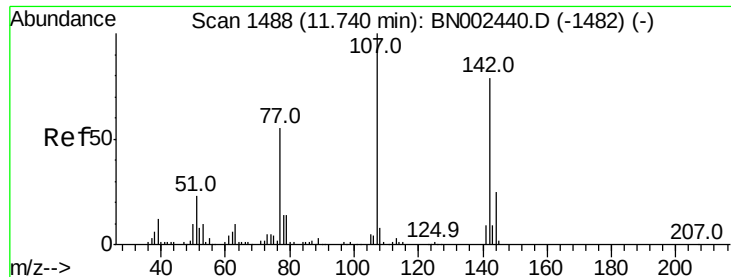
Ion Ratio Lower Upper

105 100

77 79.8 59.0 88.4

51 33.3 16.4 24.6#

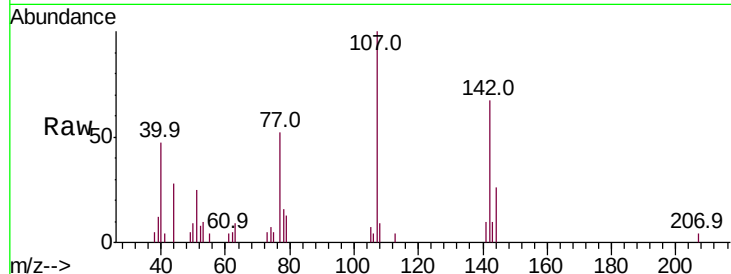




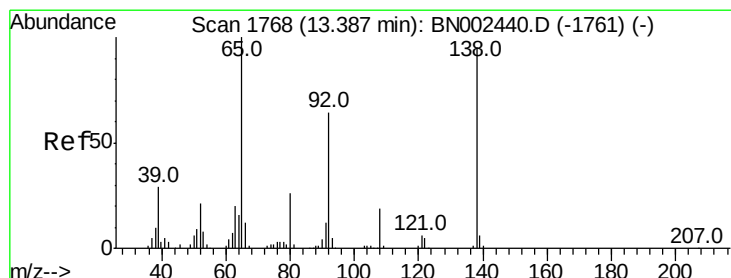
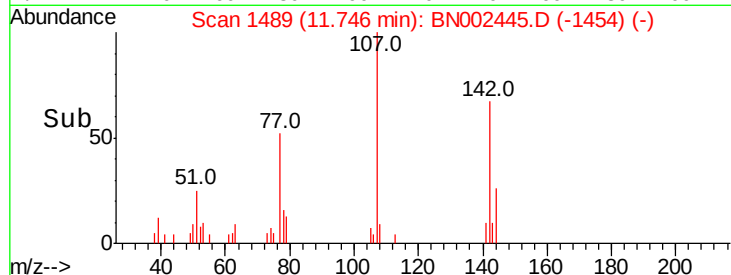
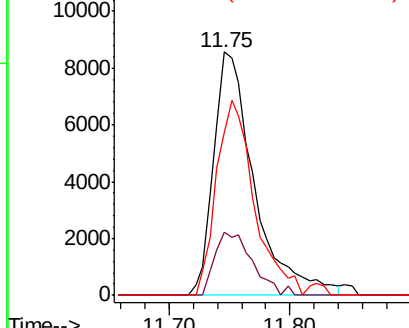
#33
 4-Chloro-3-methylphenol
 Concen: 1.650 ng/ul
 RT: 11.75 min Scan# 1489
 Delta R.T. 0.01 min
 Lab File: BN002445.D
 Acq: 21 Aug 2018 04:24

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:107 Resp: 20000
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.4 30.6
 142 66.7 62.5 93.7

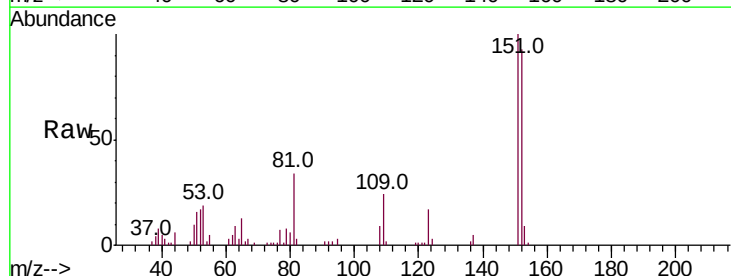


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

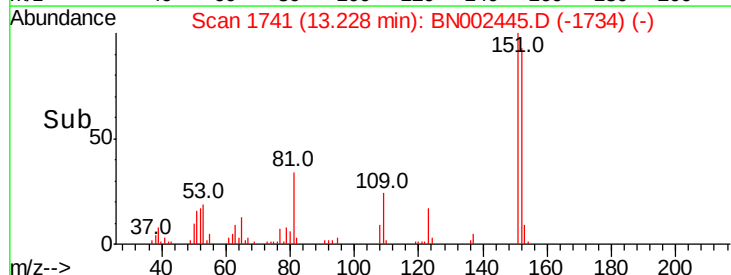
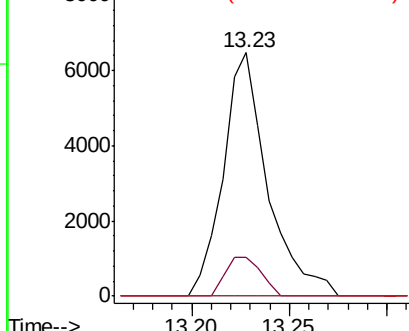


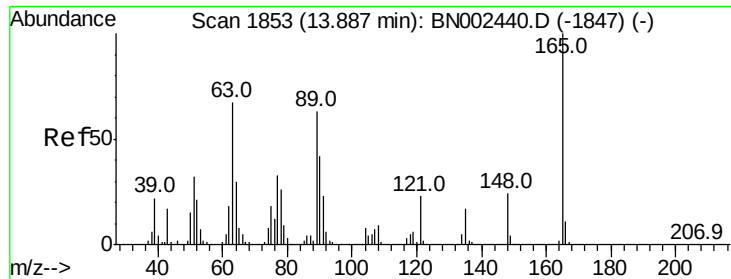
#42
 2-Nitroaniline
 Concen: 1.155 ng/ul
 RT: 13.23 min Scan# 1741
 Delta R.T. -0.16 min
 Lab File: BN002445.D
 Acq: 21 Aug 2018 04:24

Tgt Ion: 65 Resp: 10223
 Ion Ratio Lower Upper
 65 100
 92 15.9 60.4 90.6#
 138 0.0 99.8 149.6#



Abundance Ion 65.00 (64.70 to 65.70): BNC
 Ion 92.00 (91.70 to 92.70): BNC
 Ion 138.00 (137.70 to 138.70): E





#45

2,6-Dinitrotoluene

Concen: 1.127 ng/ul

RT: 13.72 min Scan# 1825

Delta R.T. -0.16 min

Lab File: BN002445.D

Acq: 21 Aug 2018 04:24

Instrument :

BNA_N

ClientSampleId :

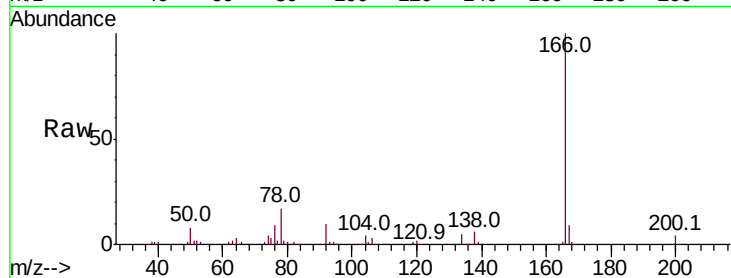
Tot Ion:165 Resp: 8250

Ion Ratio Lower Upper

165 100

89 0.0 42.4 63.6#

121 40.1 16.6 24.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E

