

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051819\
 Data File : BN005778.D
 Acq On : 19 May 2019 06:18
 Operator : JU/SJ
 Sample : K2742-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C26

Quant Time: May 20 04:07:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 20 03:44:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	104235	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	471550	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	321311	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	809839	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	915628	20.00	ng/ul	-0.02
85) Perylene-d12	23.40	264	1051344	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	9148	4.91	ng/uL	0.00
5) Phenol-d5	6.77	99	47773	5.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	123132	29.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	153928	23.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	96662	14.03	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	105821	30.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	121453	30.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	205881	27.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	358	0.04	ng/ul	0.01
43) Dimethylphthalate-d6	13.63	166	853626	34.53	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	995747	33.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	16236	4.66	ng/ul	0.04
57) Fluorene-d10	15.21	176	735215	34.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	139490	28.66	ng/ul	0.00
70) Anthracene-d10	17.07	188	1246655	35.63	ng/ul	0.00
78) Pyrene-d10	19.38	212	1511579	33.50	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.26	264	1669825	35.41	ng/ul	-0.02

Target Compounds

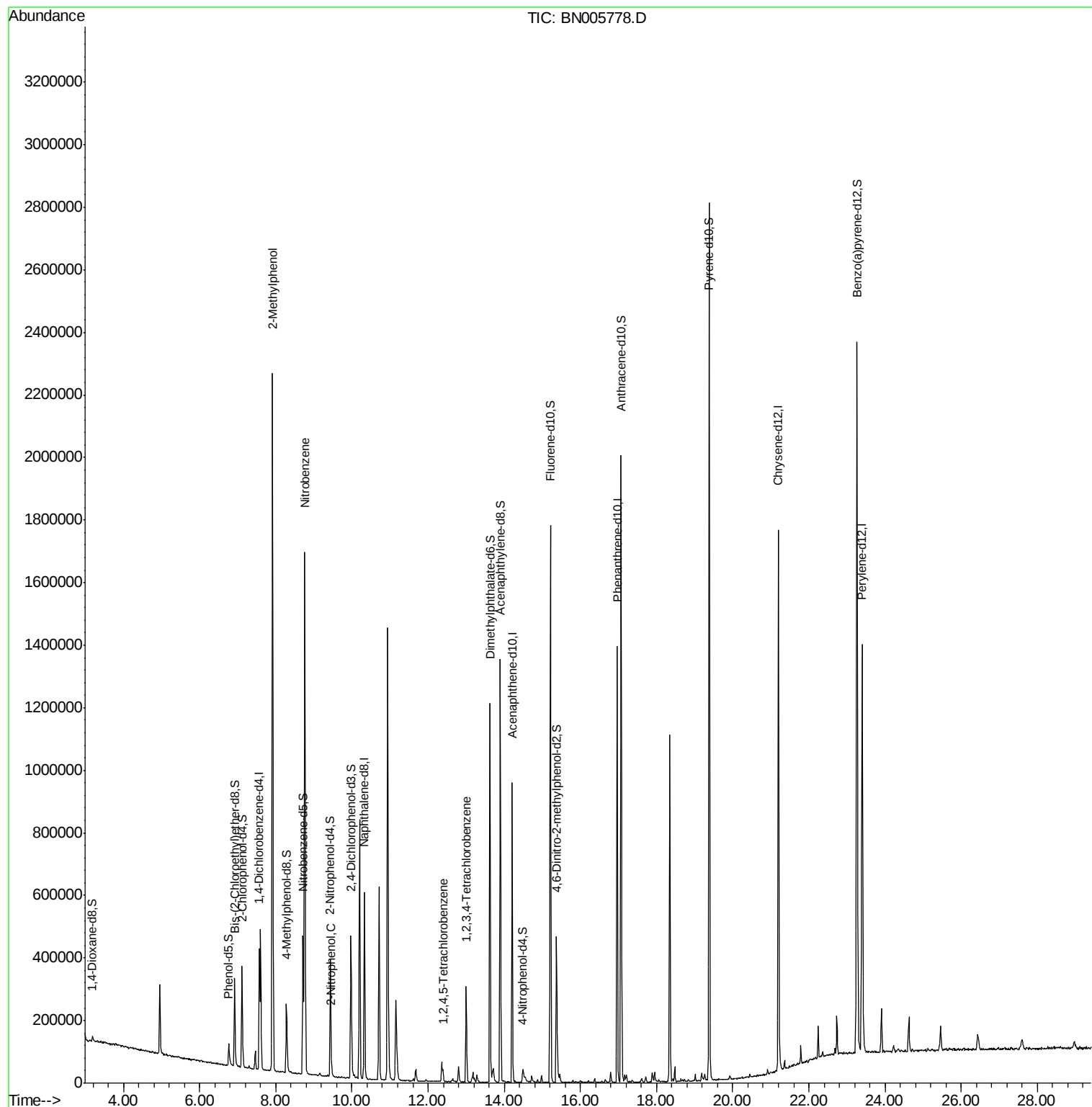
					Qvalue
11) 2-Methylphenol	7.92	108	7446	1.142	ng/ul 100
20) Nitrobenzene	8.76	77	883969	111.719	ng/ul 95
23) 2-Nitrophenol	9.46	139	8261	2.008	ng/ul 91
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	11923	1.153	ng/ul# 97
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	102165	9.410	ng/uL 98

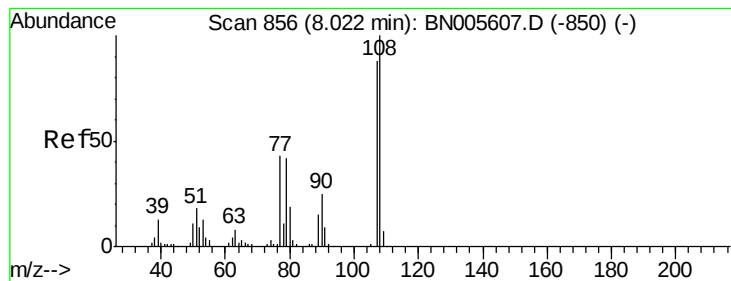
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 1.142 ng/ul

RT: 7.92 min Scan# 838

Delta R.T. -0.11 min

Lab File: BN005778.D

Acq: 19 May 2019 06:18

Instrument :

BNA_N

ClientSampled :

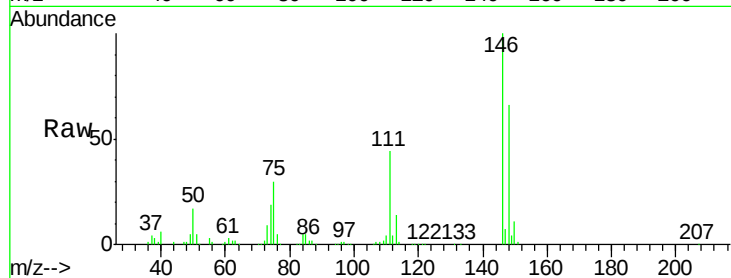
C0C26

Tgt Ion: 108 Resp: 7446

Ion Ratio Lower Upper

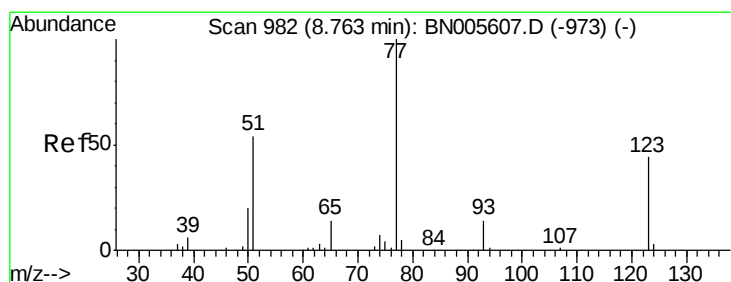
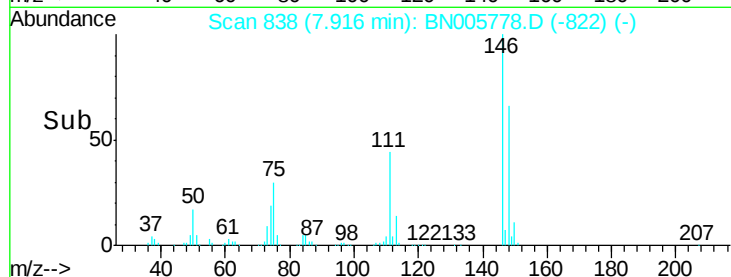
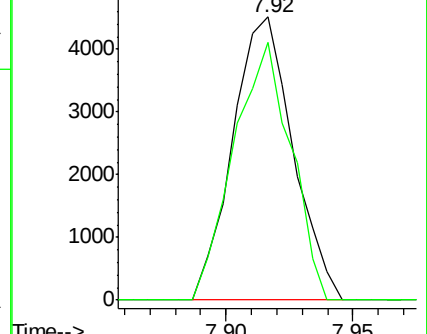
108 100

107 91.0 72.9 109.3



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#20

Nitrobenzene

Concen: 111.719 ng/ul

RT: 8.76 min Scan# 982

Delta R.T. -0.00 min

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Acq: 19 May 2019 06:18

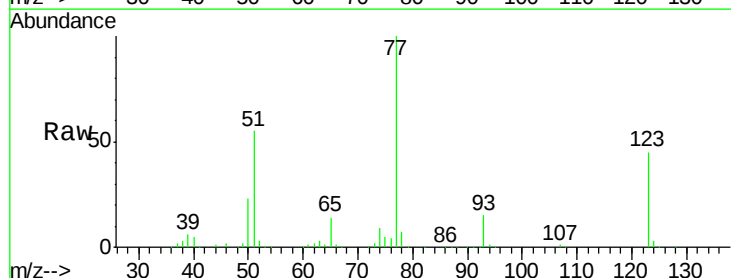
Tgt Ion: 77 Resp: 883969

Ion Ratio Lower Upper

77 100

123 45.3 32.6 49.0

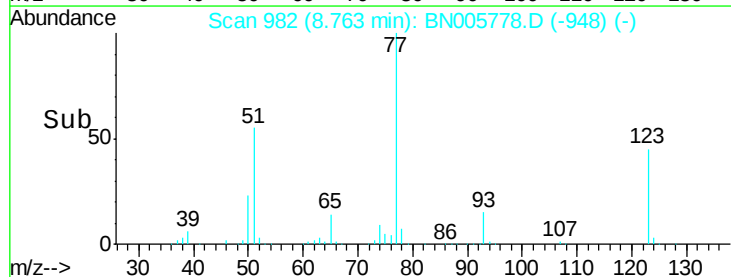
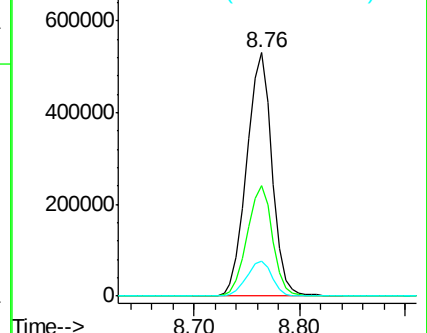
65 14.4 11.6 17.4

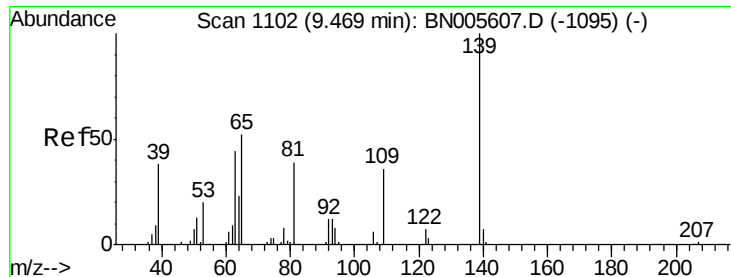


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BNC

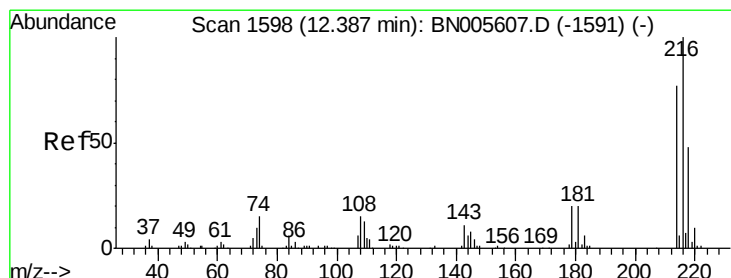
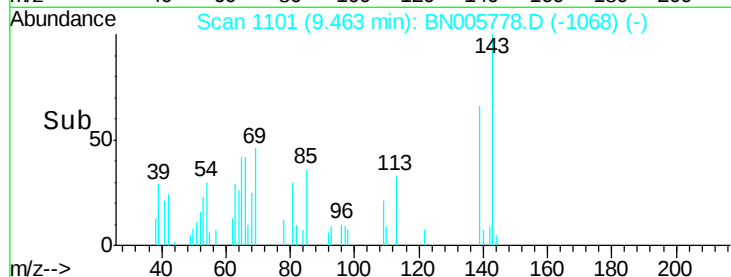
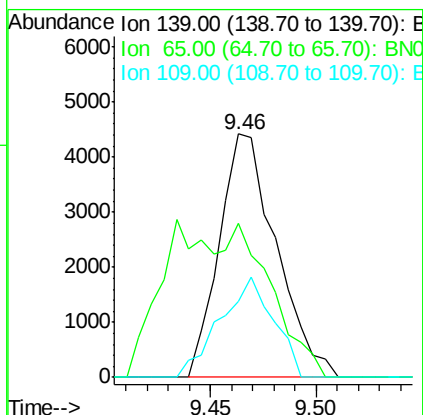
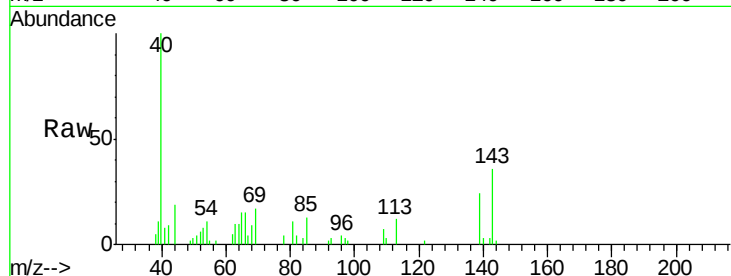




#23
 2-Nitrophenol
 Concen: 2.008 ng/ul
 RT: 9.46 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BN005778.D
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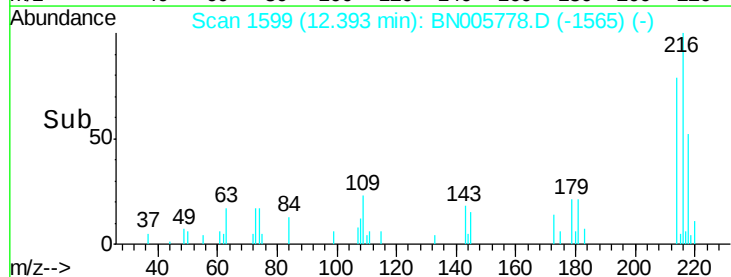
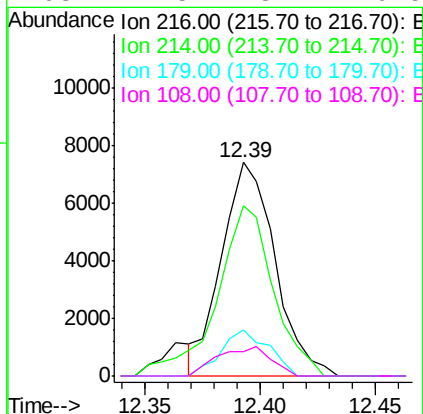
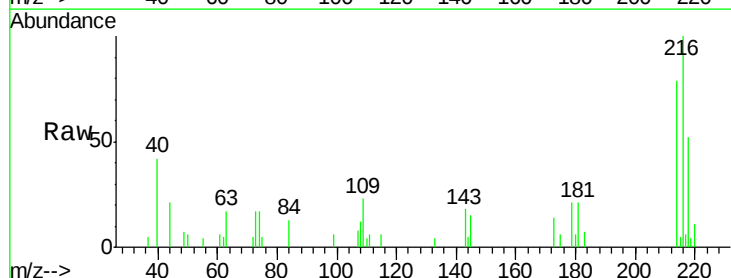
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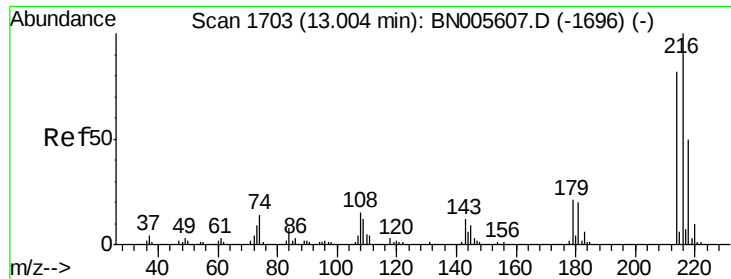
Tgt Ion:139 Resp: 8261
 Ion Ratio Lower Upper
 139 100
 65 63.3 44.2 66.4
 109 31.0 26.8 40.2



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 1.153 ng/ul
 RT: 12.39 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BN005778.D
 Acq: 19 May 2019 06:18

Tgt Ion:216 Resp: 11923
 Ion Ratio Lower Upper
 216 100
 214 79.4 64.1 96.1
 179 21.3 17.4 26.0
 108 11.5 13.7 20.5#





#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 9.410 ng/uL
 RT: 13.00 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BN005778.D
 Acq: 19 May 2019 06:18

Instrument :
 BNA_N
 ClientSampleId :
 C0C26

Tgt Ion:	216	Resp:	102165
Ion Ratio		Lower	Upper
216	100		
214	77.7	60.8	91.2
218	46.3	38.6	58.0

