

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031319\
 Data File : BN004755.D
 Acq On : 14 Mar 2019 09:49
 Operator : JU/SJ
 Sample : K1859-05DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 14 16:13:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 13 03:05:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	36502	20.00	ng/ul	0.01
18) Naphthalene-d8	10.50	136	160177	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	91656	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.11	188	206942	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	196346	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	185663	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.89	99	3408	1.13	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.06	67	8825	5.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	12476	4.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	6951	2.65	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	7172	5.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	7890	5.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	13168	4.98	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	13.77	166	48673	6.14	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	60800	6.37	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.35	176	43226	6.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	3961	2.77	ng/ul	0.00
71) Anthracene-d10	17.20	188	66096	6.56	ng/ul	0.00
79) Pyrene-d10	19.51	212	75161	7.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.42	264	61343	6.15	ng/ul	-0.01

Target Compounds

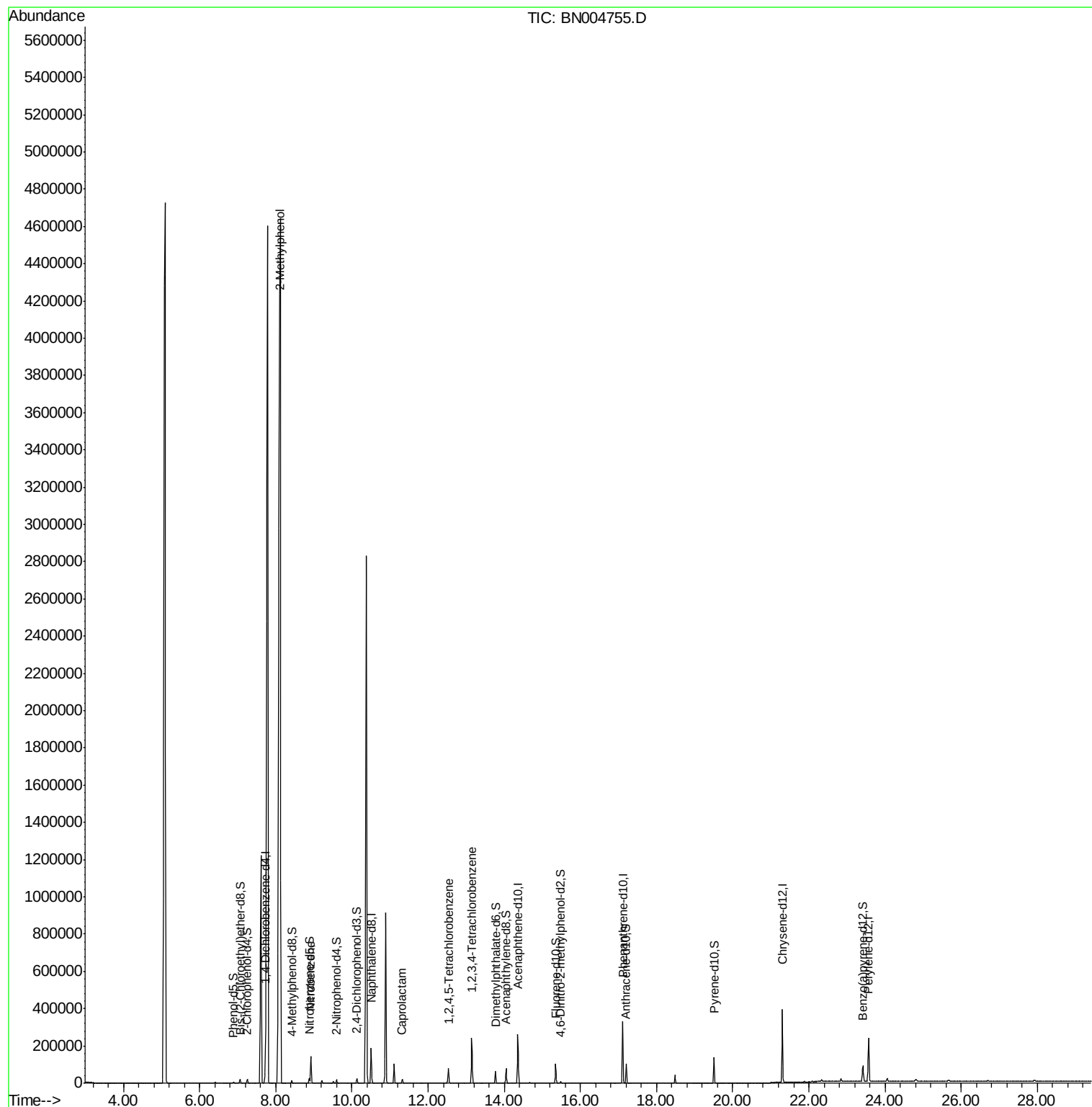
				Ovalue	
11) 2-Methylphenol	8.12	108	27602	11.196	ng/ul 95
20) Nitrobenzene	8.92	77	79249	31.610	ng/ul 100
32) Caprolactam	11.33	113	1866	2.118	ng/ul# 1
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	28905	8.968	ng/ul 97
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	79626	25.922	ng/uL 98

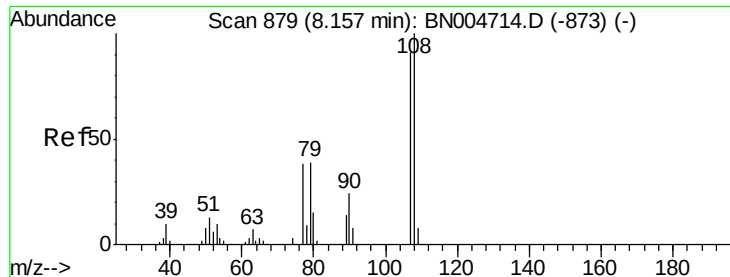
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 11.196 ng/ul

RT: 8.12 min Scan# 872

Delta R.T. -0.04 min

Lab File: BN004755.D

Acq: 14 Mar 2019 09:49

Instrument :

BNA_N

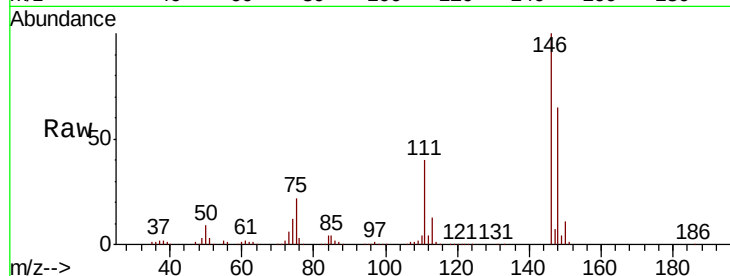
ClientSampleId :

Tot Ion:108 Resp: 27602

Ion Ratio Lower Upper

108 100

107 86.1 72.7 109.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.12

10000

8000

6000

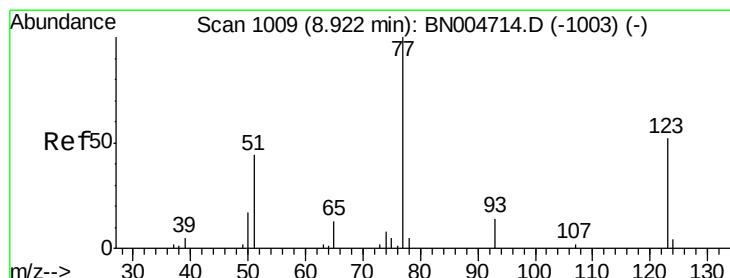
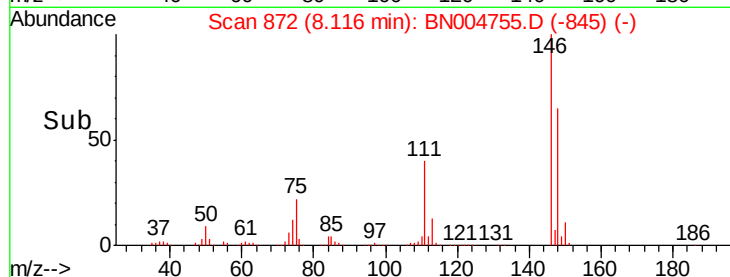
4000

2000

0

8.05 8.10 8.15

Time-->



#20

Nitrobenzene

Concen: 31.610 ng/ul

RT: 8.92 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BN004755.D

Acq: 14 Mar 2019 09:49

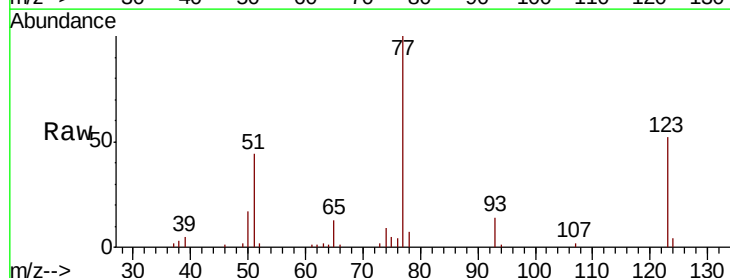
Tgt Ion: 77 Resp: 79249

Ion Ratio Lower Upper

77 100

123 51.8 41.6 62.4

65 13.1 10.2 15.4



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

60000

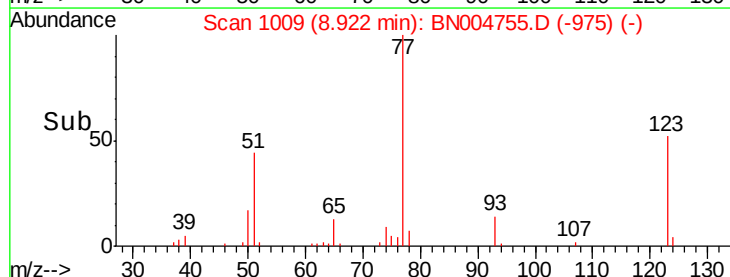
40000

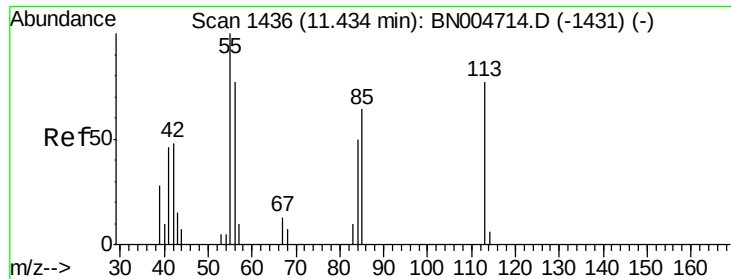
20000

0

8.85 8.90 8.95

Time-->





#32

Caprolactam

Concen: 2.118 ng/ul

RT: 11.33 min Scan# 1418

Delta R.T. -0.11 min

Lab File: BN004755.D

Acq: 14 Mar 2019 09:49

Instrument :

BNA_N

ClientSampled :

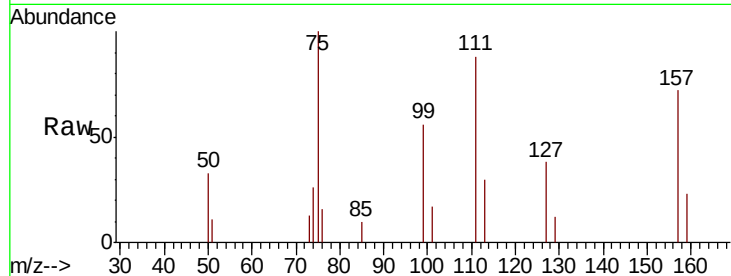
Tot Ion:113 Resp: 1866

Ion Ratio Lower Upper

113 100

55 0.0 100.7 151.1#

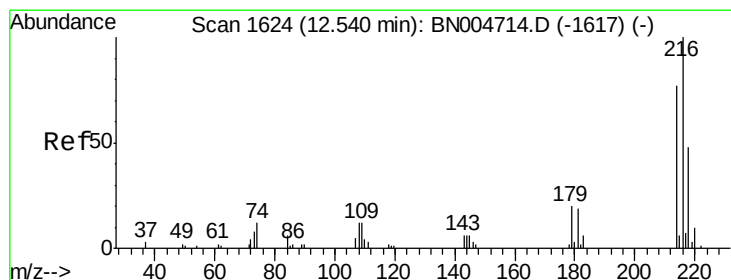
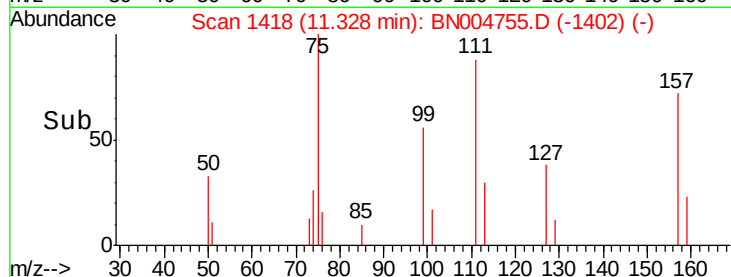
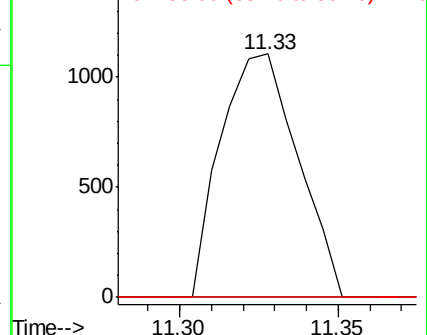
56 0.0 76.1 114.1#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNC

Ion 56.00 (55.70 to 56.70): BNC



#37

1,2,4,5-Tetrachlorobenzene

Concen: 8.968 ng/ul

RT: 12.53 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BN004755.D

Acq: 14 Mar 2019 09:49

Tgt Ion:216 Resp: 28905

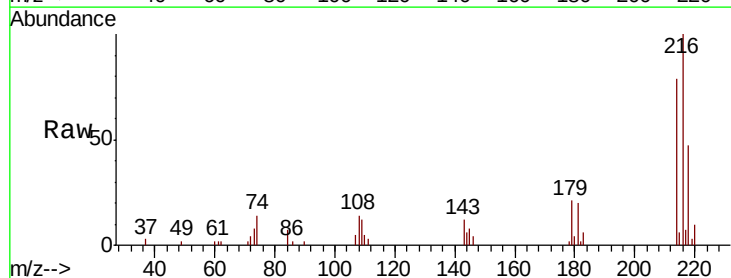
Ion Ratio Lower Upper

216 100

214 79.1 60.9 91.3

179 21.3 16.2 24.4

108 14.1 11.5 17.3

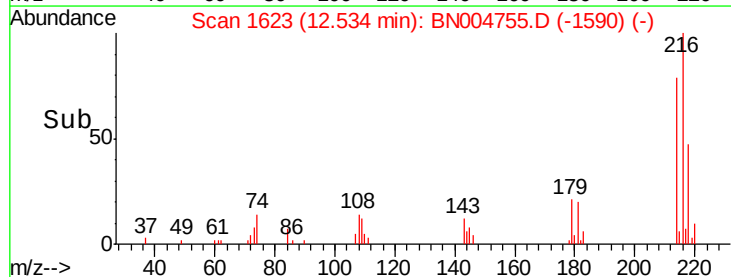
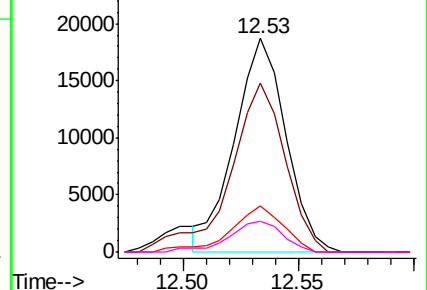


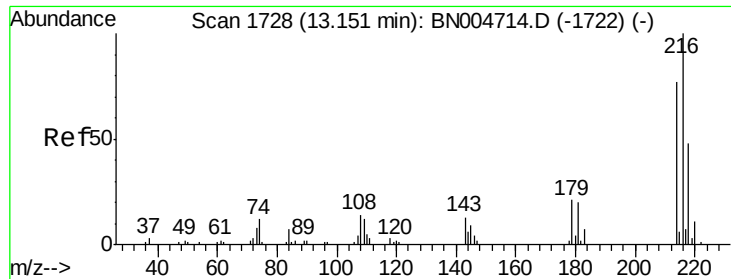
Abundance Ion 216.00 (215.70 to 216.70): E

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





#73

1,2,3,4-Tetrachlorobenzene

Concen: 25.922 ng/uL

RT: 13.15 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BN004755.D

Acq: 14 Mar 2019 09:49

Instrument :

BNA_N

ClientSampleId :

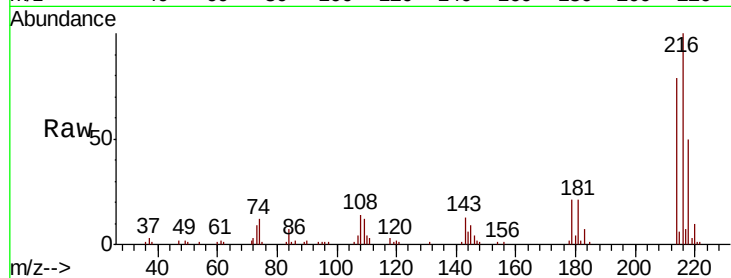
Tot Ion:216 Resp: 79626

Ion Ratio Lower Upper

216 100

214 79.1 61.9 92.9

218 49.7 38.7 58.1



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

