

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052019\
 Data File : BN005805.D
 Acq On : 20 May 2019 18:34
 Operator : JU/SJ
 Sample : K2742-05DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C31DL

Quant Time: May 21 04:09:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 04:05:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	119070	20.00	ng/ul	0.01
18) Naphthalene-d8	10.33	136	476209	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	319869	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	788555	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	829999	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	788701	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	333	0.16	ng/uL	0.00
5) Phenol-d5	6.78	99	10782	1.17	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.92	67	28846	6.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	36149	4.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	20534	2.61	ng/ul	0.02
19) Nitrobenzene-d5	8.72	128	22564	6.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	23497	5.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	44315	5.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	645	0.08	ng/ul	0.02
43) Dimethylphthalate-d6	13.63	166	169630	6.89	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	213140	7.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	981	0.28	ng/ul	0.10
57) Fluorene-d10	15.22	176	155864	7.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	8594	1.81	ng/ul	0.02
70) Anthracene-d10	17.07	188	261287	7.67	ng/ul	0.00
78) Pyrene-d10	19.39	212	314657	7.69	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	276029	7.80	ng/ul	0.00

Target Compounds

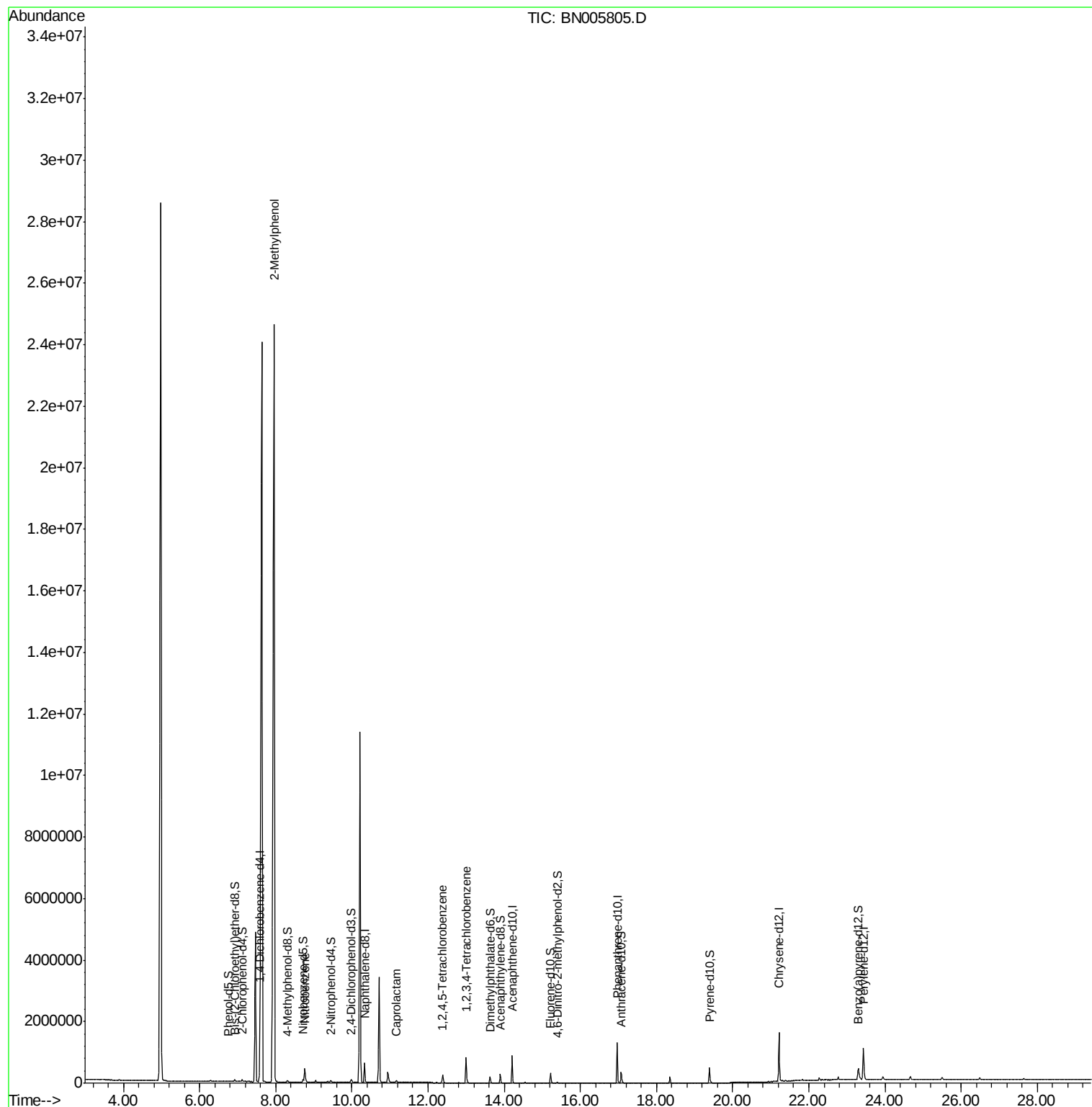
					Ovalue
11) 2-Methylphenol	7.96	108	130241	17.487 ng/ul	98
20) Nitrobenzene	8.76	77	273023	34.168 ng/ul	95
32) Caprolactam	11.16	113	4657	1.734 ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	104239	10.122 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	296831	28.078 ng/uL	98

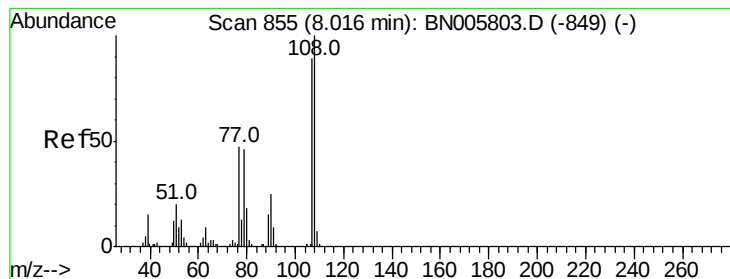
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 17.487 ng/ul

RT: 7.96 min Scan# 845

Delta R.T. -0.06 min

Lab File: BN005805.D

Acq: 20 May 2019 18:34

Instrument :

BNA_N

ClientSampled :

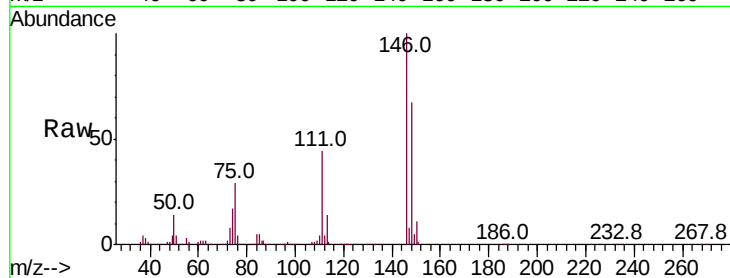
C0C31DL

Tot Ion:108 Resp: 130241

Ion Ratio Lower Upper

108 100

107 93.0 72.9 109.3



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

7.96

50000

40000

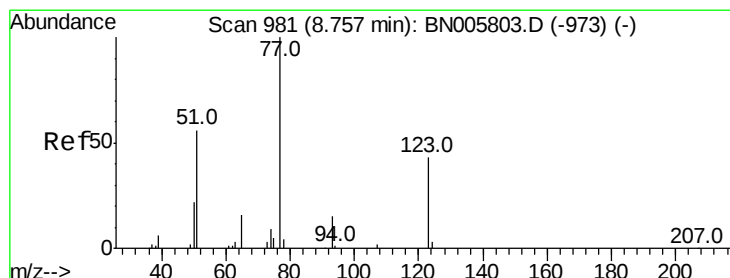
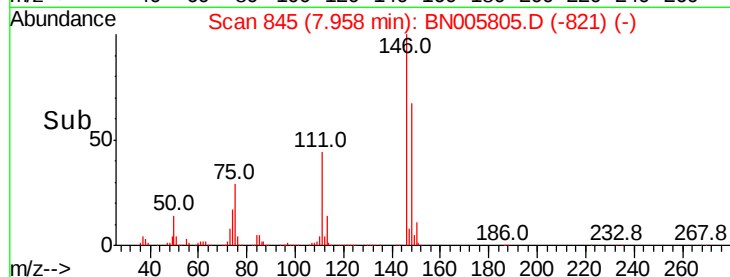
30000

20000

10000

0

Time--> 7.85 7.90 7.95 8.00



#20

Nitrobenzene

Concen: 34.168 ng/ul

RT: 8.76 min Scan# 982

Delta R.T. 0.01 min

Lab File: BN005805.D

Acq: 20 May 2019 18:34

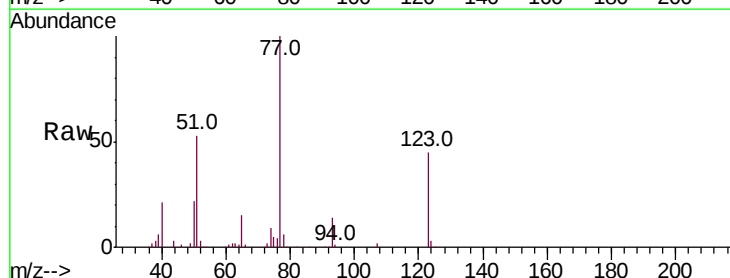
Tgt Ion: 77 Resp: 273023

Ion Ratio Lower Upper

77 100

123 45.2 32.6 49.0

65 14.6 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

200000

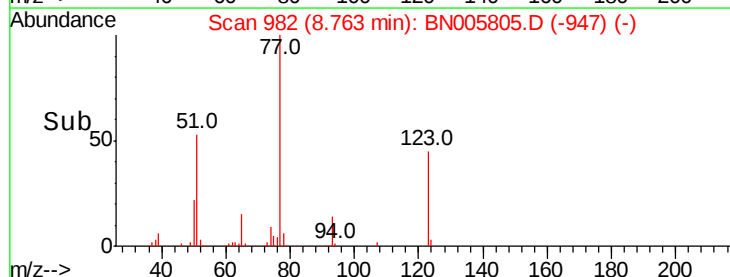
150000

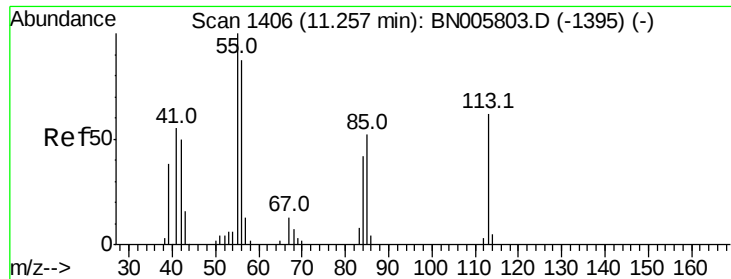
100000

50000

0

Time--> 8.70 8.75 8.80 8.85





#32

Caprolactam

Concen: 1.734 ng/ul

RT: 11.16 min Scan# 1390

Delta R.T. -0.09 min

Lab File: BN005805.D

Acq: 20 May 2019 18:34

Instrument :

BNA_N

ClientSampleId :

C0C31DL

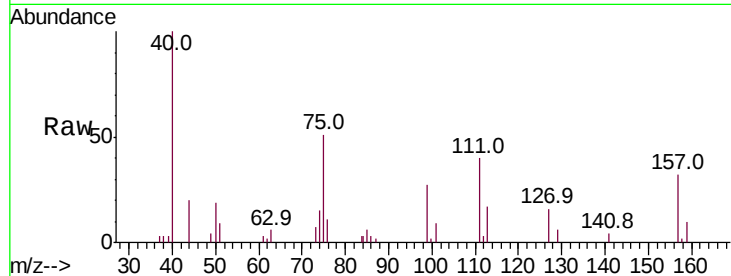
Tot Ion:113 Resp: 4657

Ion Ratio Lower Upper

113 100

55 0.0 157.0 235.4#

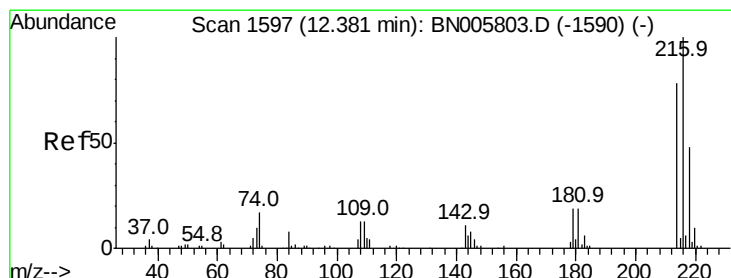
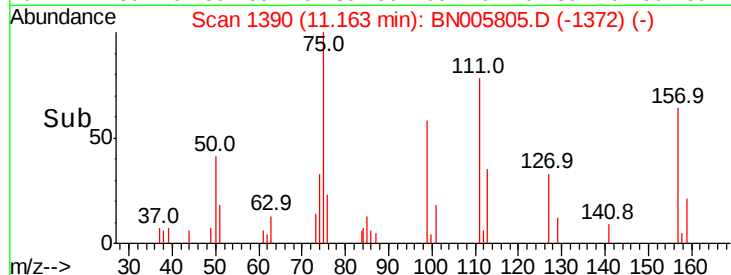
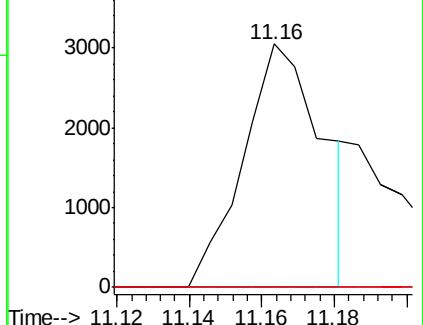
56 0.0 119.1 178.7#



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



#36

1,2,4,5-Tetrachlorobenzene

Concen: 10.122 ng/ul

RT: 12.39 min Scan# 1598

Delta R.T. 0.01 min

Lab File: BN005805.D

Acq: 20 May 2019 18:34

Tgt Ion:216 Resp: 104239

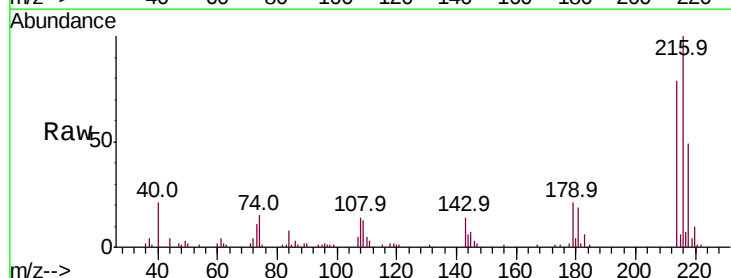
Ion Ratio Lower Upper

216 100

214 78.7 64.1 96.1

179 21.4 17.4 26.0

108 14.2 13.7 20.5

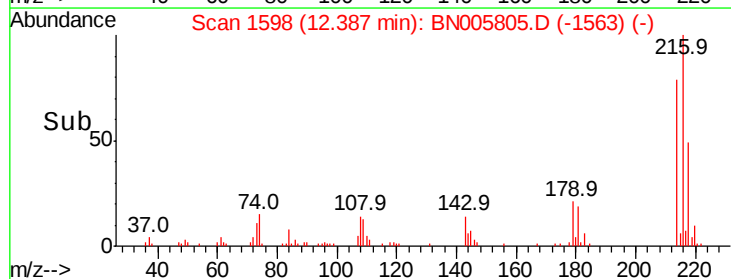
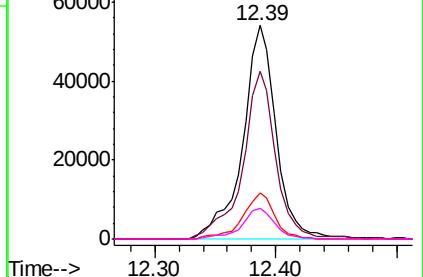


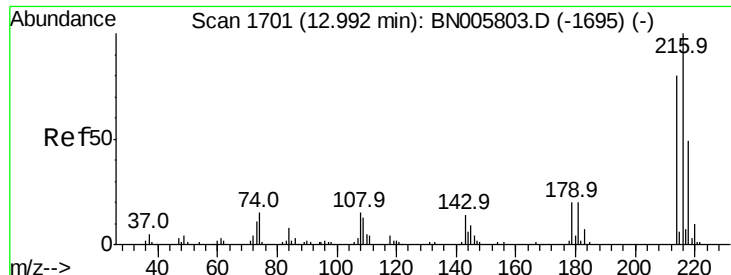
Abundance Ion 216.00 (215.70 to 216.70): E

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: 28.078 ng/uL

RT: 13.00 min Scan# 1702

Delta R.T. 0.01 min

Lab File: BN005805.D

Acq: 20 May 2019 18:34

Instrument :

BNA_N

ClientSampleId :

C0C31DL

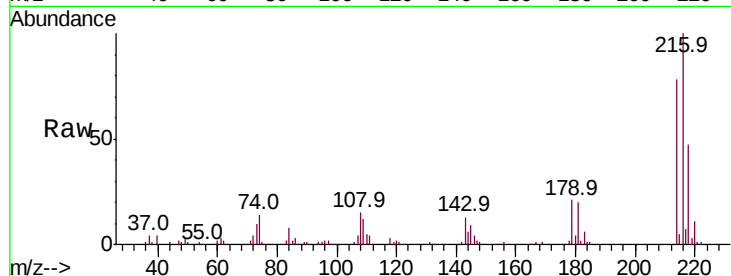
Tot Ion:216 Resp: 296831

Ion Ratio Lower Upper

216 100

214 77.9 60.8 91.2

218 46.7 38.6 58.0



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

