

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100520\
 Data File : BN012087.D
 Acq On : 06 Oct 2020 12:28
 Operator : CG/JU
 Sample : L4141-05DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0FG6DL

Quant Time: Oct 06 13:12:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 16:22:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	285006	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1041179	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	617769	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1248229	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1174680	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	1249365	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	1174	0.18	ng/uL	0.00
5) Phenol-d5	6.82	99	33887	1.42	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.99	67	100762	6.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	104298	5.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	61255	3.27	ng/ul	-0.01
19) Nitrobenzene-d5	8.80	128	59980	7.26	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.52	143	65946	7.38	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.05	165	109398	6.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	7833	0.39	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	365921	7.55	ng/ul	-0.01
47) Acenaphthylene-d8	13.98	160	436090	7.54	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.49	143	5589	0.63	ng/ul	0.00
58) Fluorene-d10	15.29	176	314435	7.44	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.41	200	36637	4.60	ng/ul	0.00
71) Anthracene-d10	17.14	188	479514	7.92	ng/ul	0.00
79) Pyrene-d10	19.44	212	516449	8.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	519726	7.41	ng/ul	0.00

Target Compounds

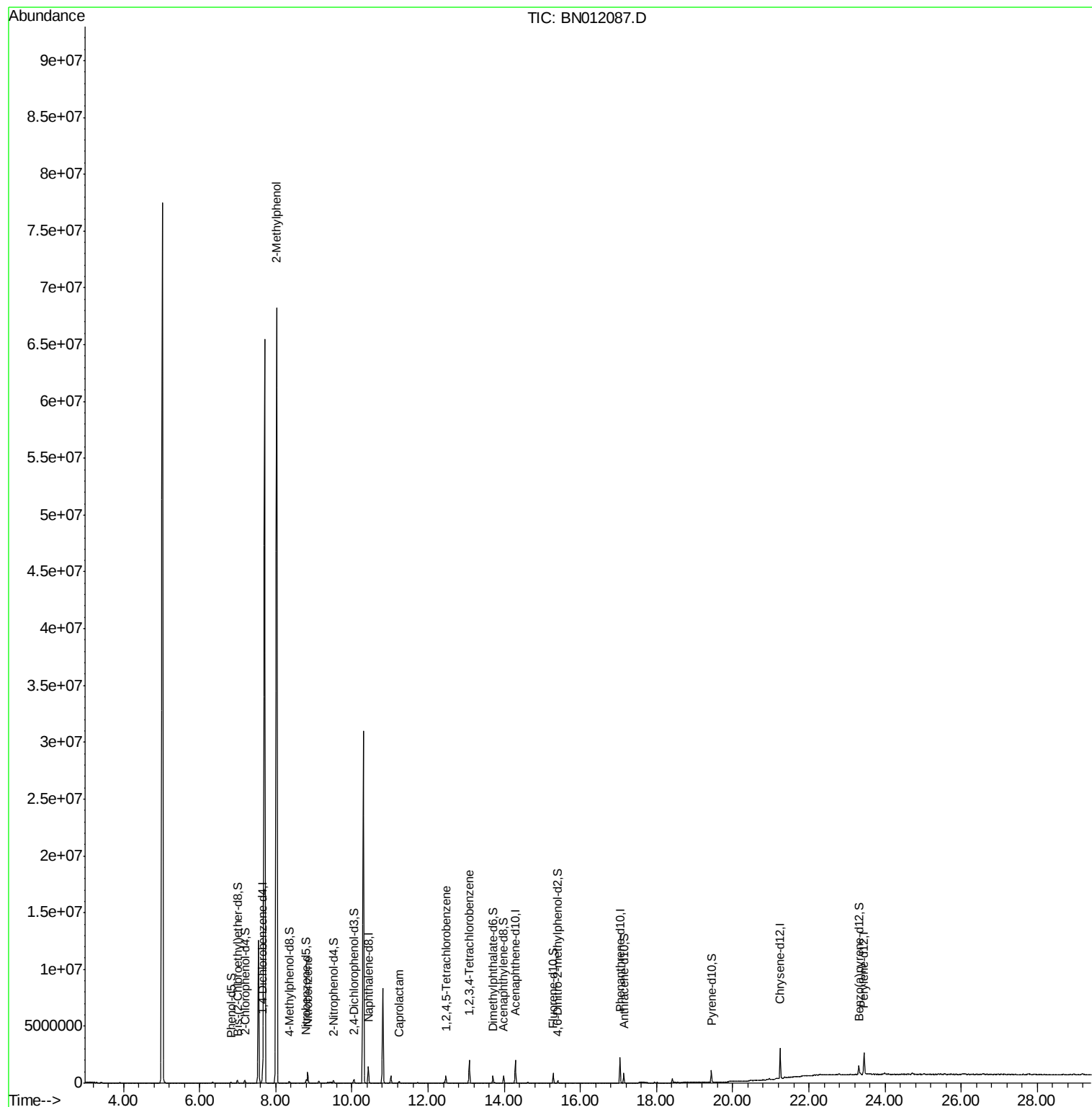
					Ovalue
11) 2-Methylphenol	8.03	108	312435	17.000 ng/ul	93
20) Nitrobenzene	8.84	77	524332	22.945 ng/ul	96
32) Caprolactam	11.24	113	10093	2.108 ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	194603	9.724 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.08	216	563875	31.075 ng/uL	94

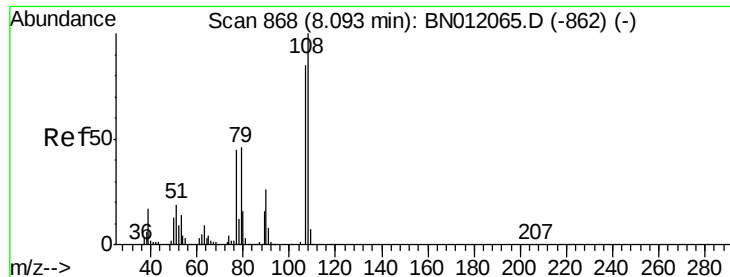
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 17.000 ng/ul

RT: 8.03 min Scan# 857

Delta R.T. -0.07 min

Lab File: BN012087.D

Acq: 06 Oct 2020 12:28

Instrument :

BNA_N

ClientSampleId :

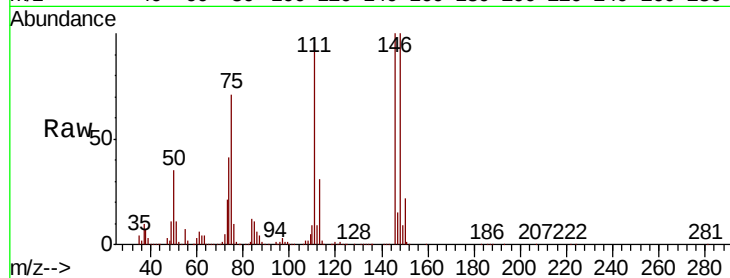
C0FG6DL

Tot Ion:108 Resp: 312435

Ion Ratio Lower Upper

108 100

107 86.0 73.8 110.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.03

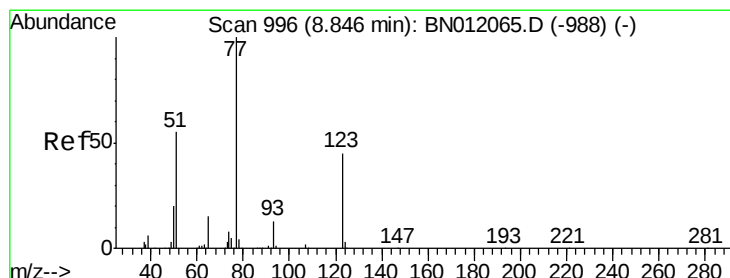
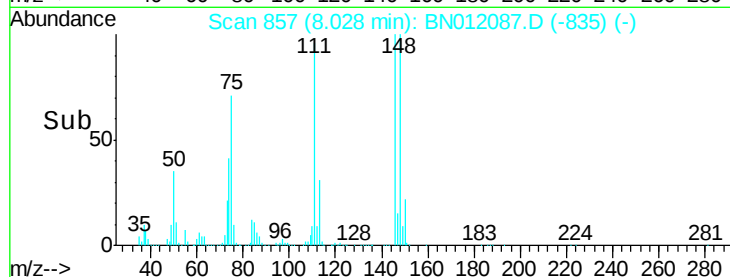
150000

100000

50000

0

Time-->



#20

Nitrobenzene

Concen: 22.945 ng/ul

RT: 8.84 min Scan# 995

Delta R.T. -0.01 min

Lab File: BN012087.D

Acq: 06 Oct 2020 12:28

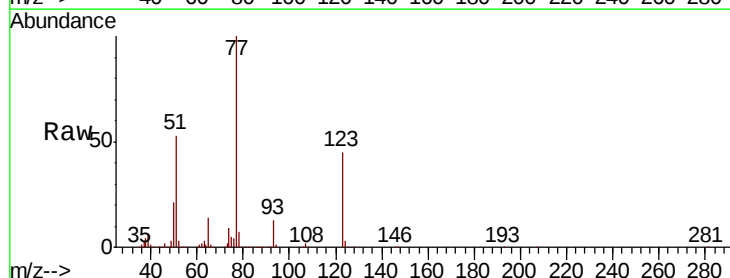
Tgt Ion: 77 Resp: 524332

Ion Ratio Lower Upper

77 100

123 44.6 33.0 49.4

65 13.9 11.0 16.6



Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BN0

8.84

400000

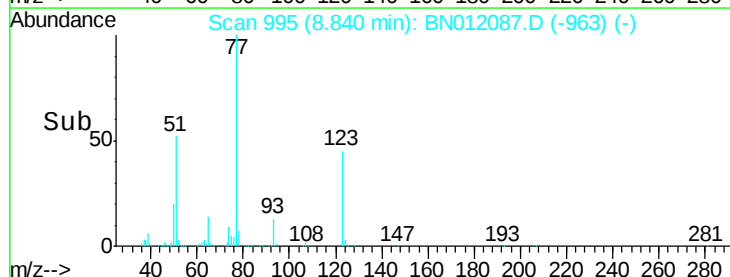
300000

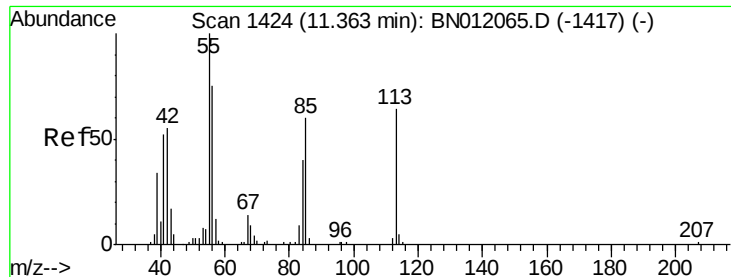
200000

100000

0

Time-->





#32

Caprolactam

Concen: 2.108 ng/ul

RT: 11.24 min Scan# 1403

Delta R.T. -0.12 min

Lab File: BN012087.D

Acq: 06 Oct 2020 12:28

Instrument :

BNA_N

ClientSampleId :

C0FG6DL

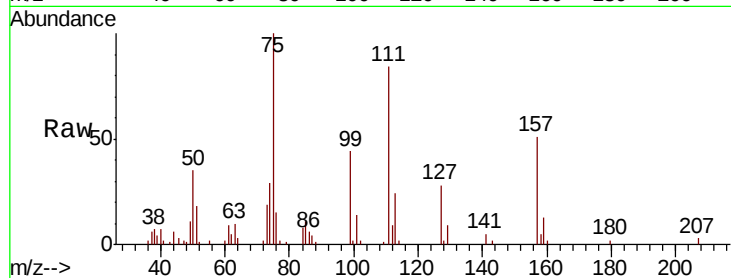
Tot Ion:113 Resp: 10093

Ion Ratio Lower Upper

113 100

55 7.1 125.6 188.4#

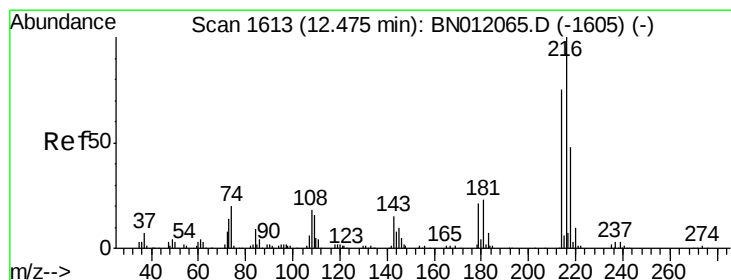
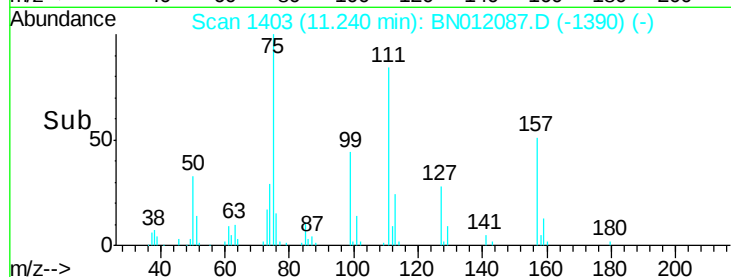
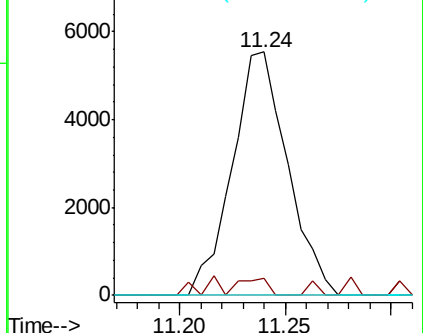
56 0.0 98.3 147.5#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#37

1,2,4,5-Tetrachlorobenzene

Concen: 9.724 ng/ul

RT: 12.47 min Scan# 1612

Delta R.T. -0.01 min

Lab File: BN012087.D

Acq: 06 Oct 2020 12:28

Tgt Ion:216 Resp: 194603

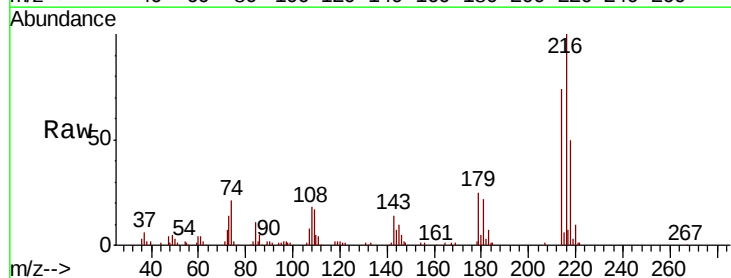
Ion Ratio Lower Upper

216 100

214 73.9 60.4 90.6

179 24.9 18.3 27.5

108 18.3 15.1 22.7

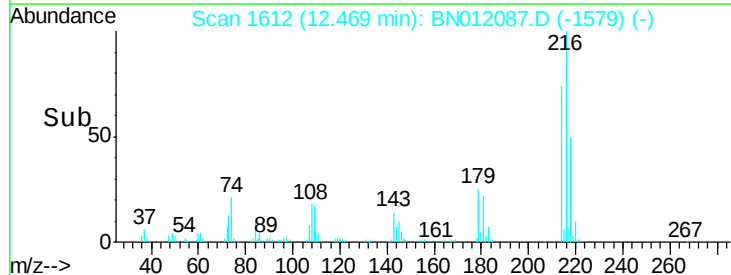
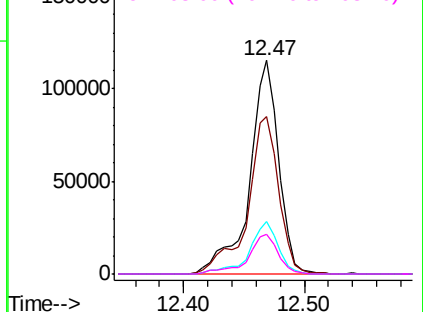


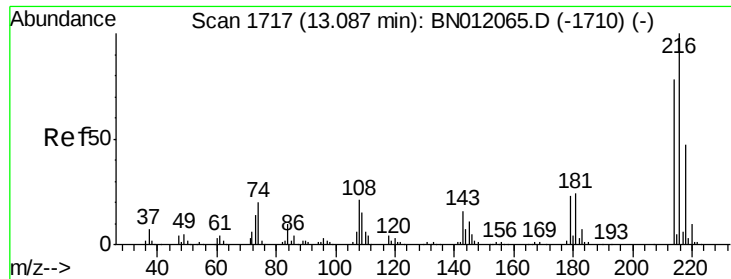
Abundance Ion 216.00 (215.70 to 216.70): E

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: 31.075 ng/uL

RT: 13.08 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BN012087.D

Acq: 06 Oct 2020 12:28

Instrument :

BNA_N

ClientSampleId :

C0FG6DL

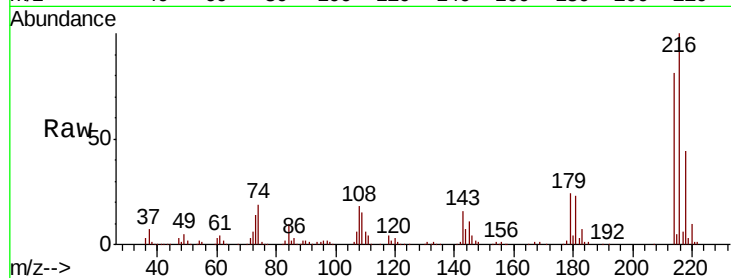
Tot Ion:216 Resp: 563875

Ion Ratio Lower Upper

216 100

214 80.6 62.2 93.4

218 44.4 41.4 62.2



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

