

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122618\
 Data File : BN004230.D
 Acq On : 27 Dec 2018 07:07
 Operator : JU/SJ
 Sample : J6541-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F62

Quant Time: Dec 27 07:58:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 27 05:47:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	33243	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	160913	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	95594	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	222597	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	271491	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	302566	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	260	0.51	ng/uL	0.00
5) Phenol-d5	6.99	99	15680	4.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	39814	22.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	48393	18.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	32283	11.79	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	31583	24.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	35476	24.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	62231	23.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	12976	5.24	ng/ul	-0.11
43) Dimethylphthalate-d6	13.87	166	210685	24.69	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	262963	25.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	9978	5.66	ng/ul	0.02
57) Fluorene-d10	15.46	176	184615	25.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	34796	21.70	ng/ul	0.00
70) Anthracene-d10	17.31	188	291060	25.88	ng/ul	0.00
78) Pyrene-d10	19.60	212	332686	27.39	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.57	264	431609	26.29	ng/ul	0.01

Target Compounds

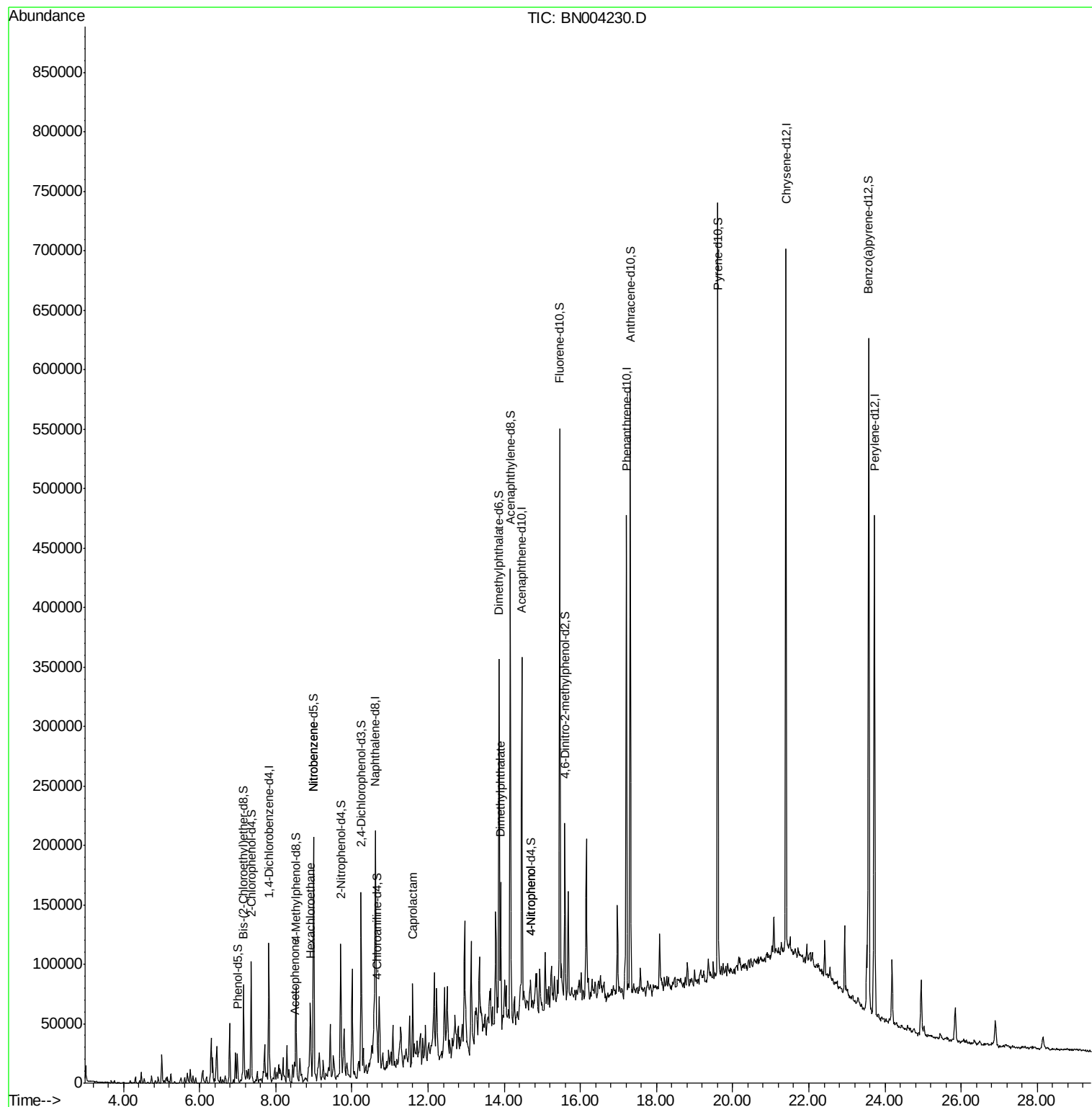
					Qvalue
14) Acetophenone	8.49	105	5796	1.415 ng/ul#	44
17) Hexachloroethane	8.92	117	18830	20.258 ng/ul#	6
20) Nitrobenzene	8.99	77	3291	1.192 ng/ul#	5
32) Caprolactam	11.60	113	3269	3.172 ng/ul#	66
44) Dimethylphthalate	13.91	163	13138	1.577 ng/ul	99
52) 4-Nitrophenol	14.70	109	3240	2.908 ng/ul#	1

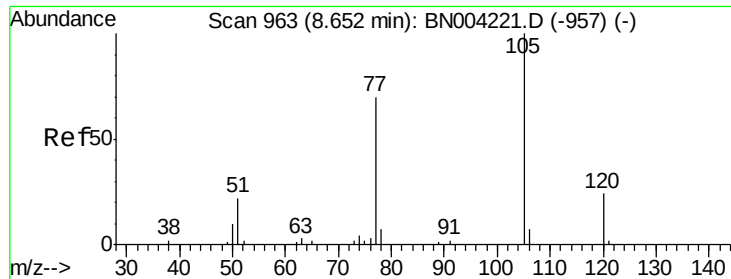
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Acetophenone

Concen: 1.415 ng/ul

RT: 8.49 min Scan# 936

Delta R.T. -0.16 min

Lab File: BN004230.D

Acq: 27 Dec 2018 07:07

Instrument :

BNA_N

ClientSampleId :

F9F62

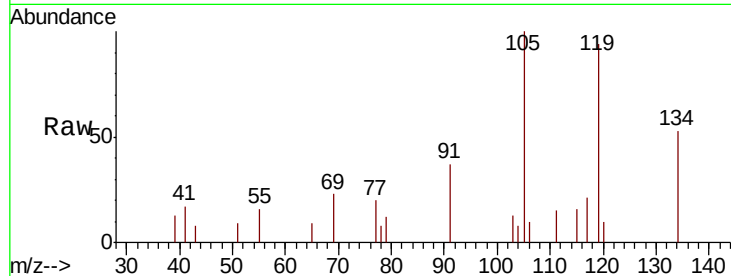
Tgt Ion:105 Resp: 5796

Ion Ratio Lower Upper

105 100

77 19.6 59.8 89.6#

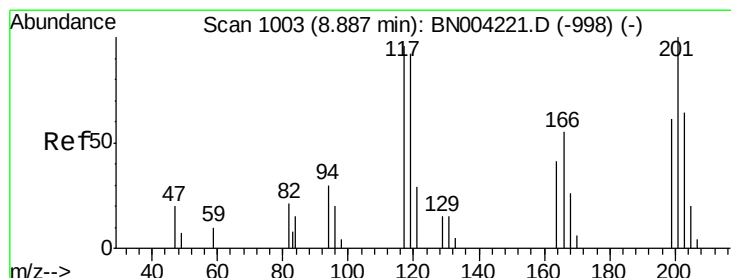
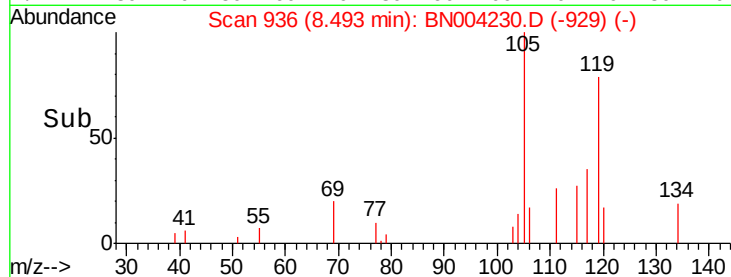
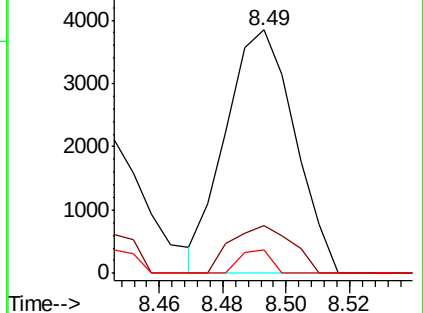
51 9.5 18.6 27.8#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BN

Ion 51.00 (50.70 to 51.70): BN



#17

Hexachloroethane

Concen: 20.258 ng/ul

RT: 8.92 min Scan# 1008

Delta R.T. 0.03 min

Lab File: BN004230.D

Acq: 27 Dec 2018 07:07

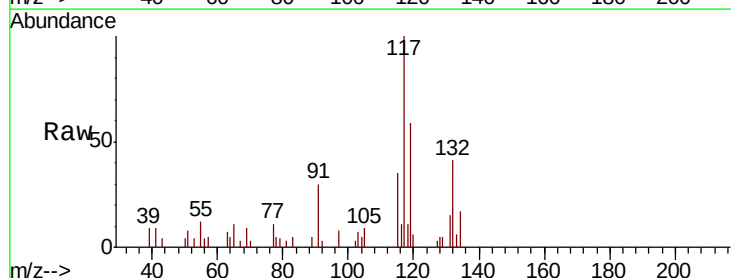
Tgt Ion:117 Resp: 18830

Ion Ratio Lower Upper

117 100

201 0.0 82.1 123.1#

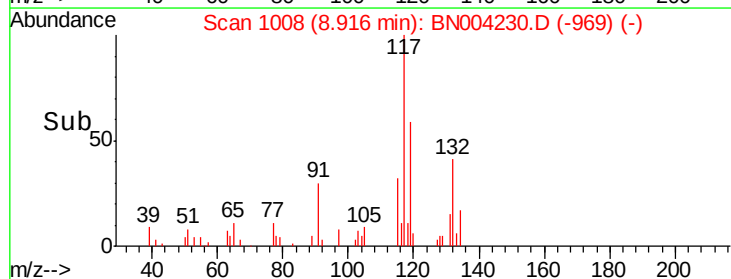
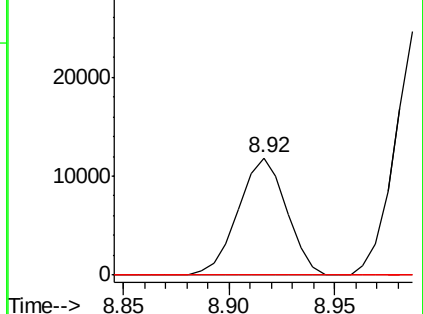
199 0.0 50.6 76.0#

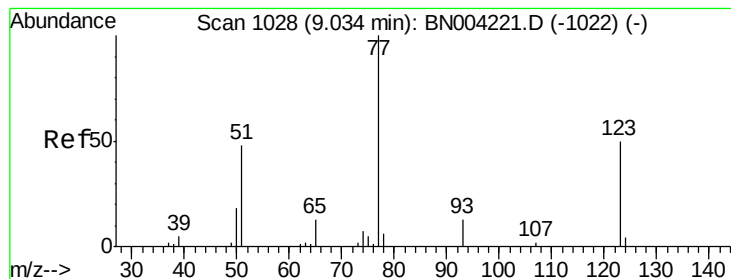


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#20

Nitrobenzene

Concen: 1.192 ng/ul

RT: 8.99 min Scan# 1021

Delta R.T. -0.04 min

Lab File: BN004230.D

Acq: 27 Dec 2018 07:07

Instrument :

BNA_N

ClientSampled :

F9F62

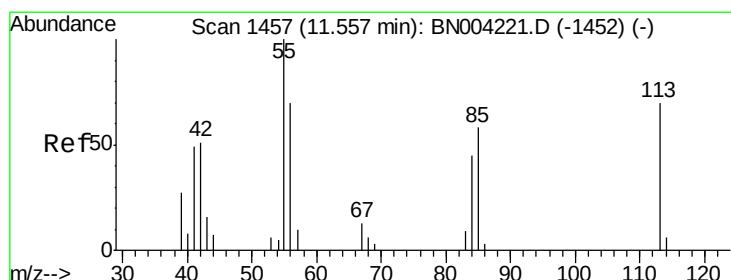
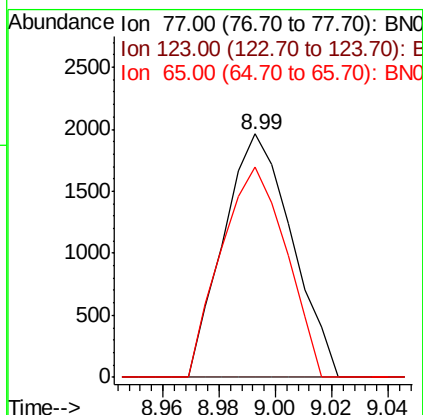
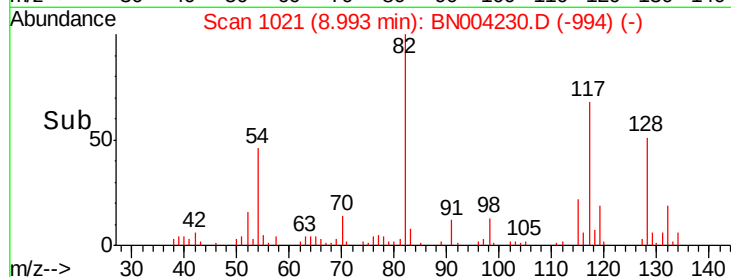
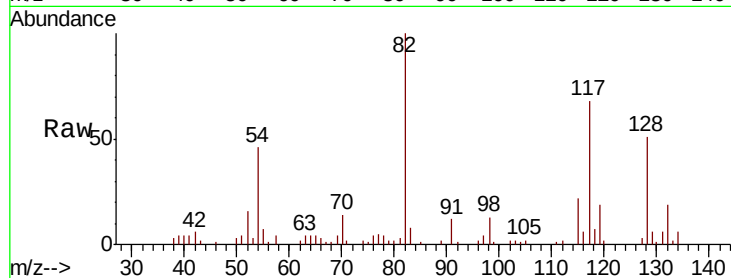
Tgt Ion: 77 Resp: 3291

Ion Ratio Lower Upper

77 100

123 0.0 39.3 58.9#

65 86.3 10.3 15.5#



#32

Caprolactam

Concen: 3.172 ng/ul

RT: 11.60 min Scan# 1464

Delta R.T. 0.04 min

Lab File: BN004230.D

Acq: 27 Dec 2018 07:07

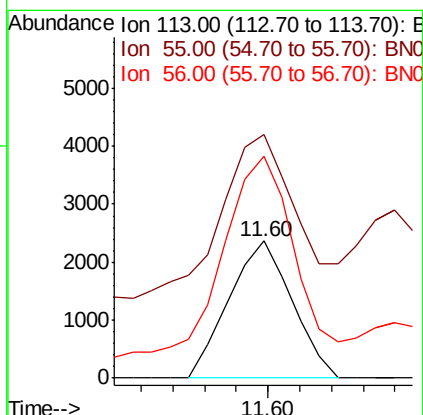
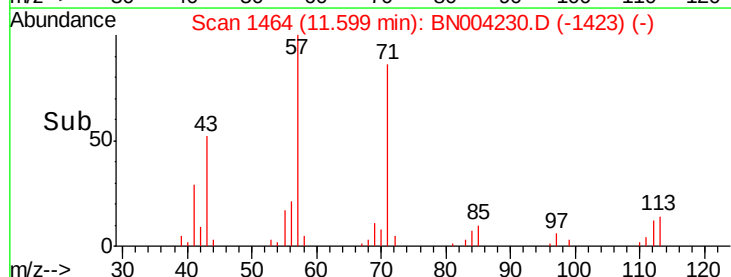
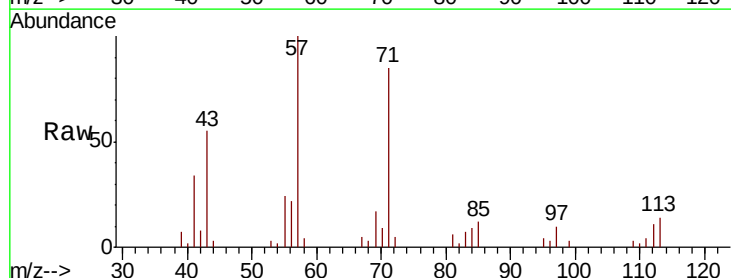
Tgt Ion: 113 Resp: 3269

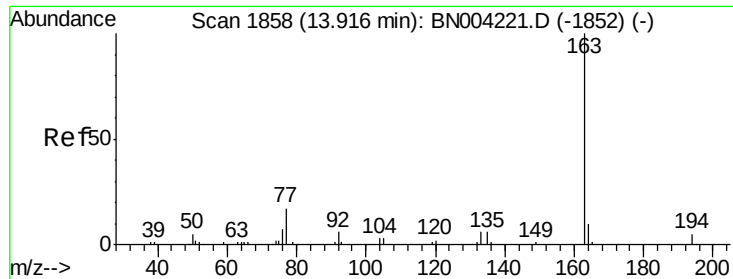
Ion Ratio Lower Upper

113 100

55 177.3 116.6 175.0#

56 161.6 89.9 134.9#





#44

Dimethylphthalate

Concen: 1.577 ng/ul

RT: 13.91 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BN004230.D

Acq: 27 Dec 2018 07:07

Instrument :

BNA_N

ClientSampleId :

F9F62

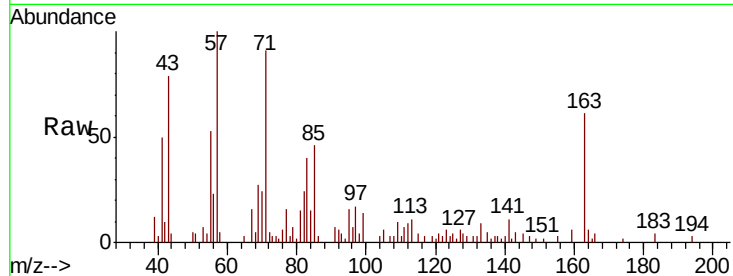
Tgt Ion:163 Resp: 13138

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

164 10.4 7.9 11.9

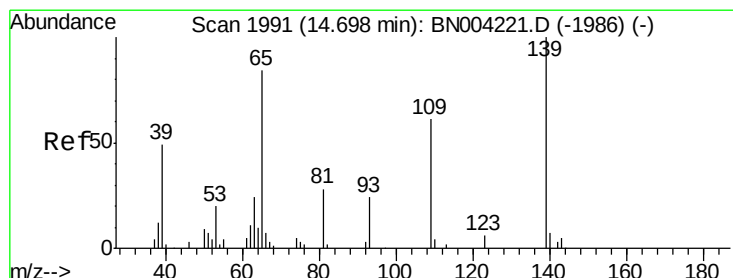
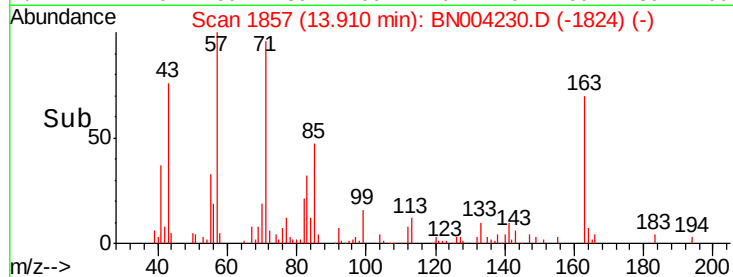
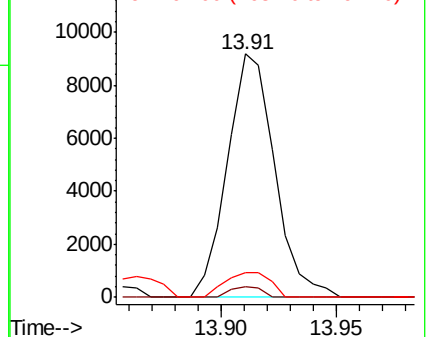


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#52

4-Nitrophenol

Concen: 2.908 ng/ul

RT: 14.70 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BN004230.D

Acq: 27 Dec 2018 07:07

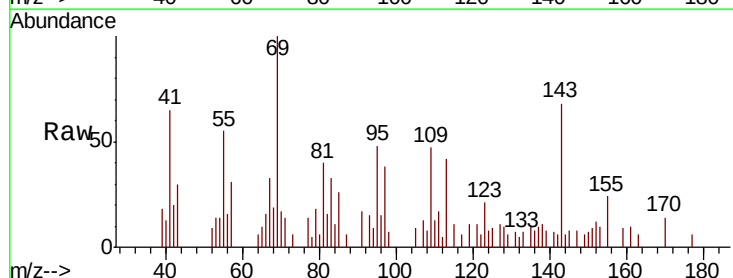
Tgt Ion:109 Resp: 3240

Ion Ratio Lower Upper

109 100

139 17.9 125.0 187.4#

65 21.1 110.8 166.2#



Abundance

Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNC

