

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009620.D
 Acq On : 06 Feb 2020 21:35
 Operator : CG/JU
 Sample : L1324-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT67

Quant Time: Feb 07 02:07:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 16:39:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	194824	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.20	136	796220	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.08	164	523645	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.84	188	945497	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	847913	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	951821	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	7741	1.63	ng/uL	0.00
5) Phenol-d5	6.64	99	176662	10.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	149339	13.08	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	138128	11.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	134485	9.94	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	76155	12.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	74556	11.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	135493	10.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	751298	56.45	ng/ul	-0.02
43) Dimethylphthalate-d6	13.50	166	420755	11.01	ng/ul	0.00
46) Acenaphthylene-d8	13.77	160	506056	10.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	71643	9.92	ng/ul	0.00
57) Fluorene-d10	15.09	176	377935	11.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.19	200	6643	1.12	ng/ul	-0.03
70) Anthracene-d10	16.94	188	542340	12.62	ng/ul	0.00
78) Pyrene-d10	19.24	212	593824	13.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	598222	12.76	ng/ul	0.00

Target Compounds

					Ovalue	
4) Benzaldehyde	6.60	77	108452	9.303	ng/ul#	1
6) Phenol	6.66	94	19823	1.092	ng/ul#	70
14) Acetophenone	8.23	105	224074	10.349	ng/ul#	31
15) N-Nitroso-di-n-propylamine	8.20	70	41422	3.613	ng/ul#	53
17) Hexachloroethane	8.49	117	8316	1.414	ng/ul#	8
20) Nitrobenzene	8.60	77	26606	1.565	ng/ul#	18
21) Isophorone	9.12	82	126690	4.141	ng/ul#	1
23) 2-Nitrophenol	9.34	139	12438	1.728	ng/ul#	1
28) Naphthalene	10.31	128	71111	1.647	ng/ul#	1
32) Caprolactam	11.13	113	47757	11.341	ng/ul#	1
34) 2-Methylnaphthalene	11.89	142	19953724	660.353	ng/ul	93
40) 1,1'-Biphenyl	12.90	154	2408342	59.070	ng/ul	98
44) Dimethylphthalate	13.55	163	55904	1.378	ng/ul#	88
47) Acenaphthylene	13.80	152	1495874	29.594	ng/ul#	92
49) Acenaphthene	14.16	153	7429187	216.203	ng/ul	98
52) 4-Nitrophenol	14.34	109	9538	1.477	ng/ul#	19
53) Dibenzofuran	14.49	168	1037180	21.676	ng/ul	88
54) 2,4-Dinitrotoluene	14.45	165	46931	4.040	ng/ul#	42
58) Fluorene	15.15	166	5133191	128.363	ng/ul	99
64) N-Nitrosodiphenylamine	15.36	169	159356	5.639	ng/ul#	1
69) Phenanthrene	16.97	178	5220907	96.826	ng/ul	99
71) Anthracene	16.97	178	5220907	95.427	ng/ul	100
74) Carbazole	17.24	167	412137	8.652	ng/ul#	91

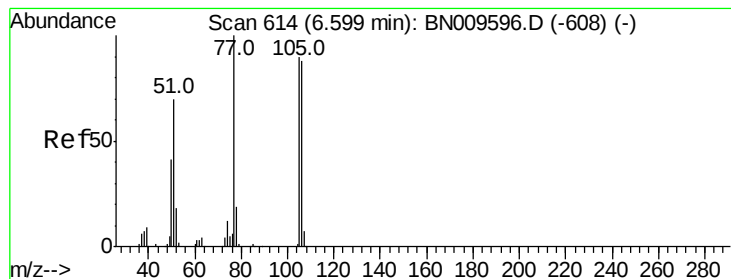
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) Fluoranthene	18.91	202	5402465	87.787	ng/ul	100
79) Pyrene	19.27	202	7947655	128.400	ng/ul	96
82) Benzo(a)anthracene	21.03	228	2685913	45.879	ng/ul#	80
84) Chrysene	21.09	228	2390294	41.013	ng/ul	96
87) Benzo(b)fluoranthene	22.55	252	1646456	27.648	ng/ul	95
88) Benzo(k)fluoranthene	22.55	252	1646456	28.074	ng/ul	95
90) Benzo(a)pyrene	23.07	252	1804371	32.703	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.22	276	631340	9.624	ng/ul	95
92) Dibenzo(a,h)anthracene	25.23	278	210048	3.804	ng/ul	94
93) Benzo(a,h,i)perylene	25.85	276	607905	11.057	ng/ul	94

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



#4

Benzaldehyde

Concen: 9.303 ng/ul

RT: 6.60 min Scan# 615

Delta R.T. 0.00 min

Lab File: BN009620.D

Acq: 06 Feb 2020 21:35

Instrument :

BNA_N

ClientSampleId :

GAT67

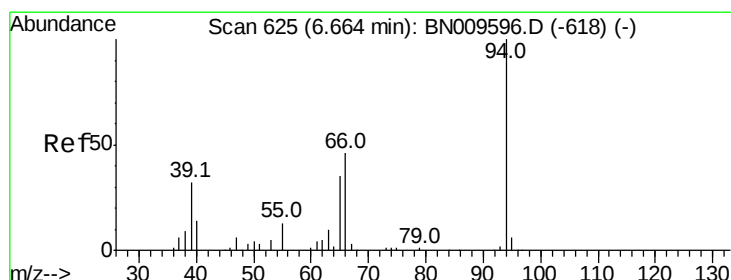
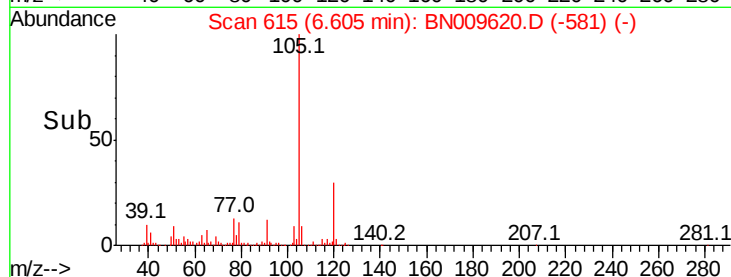
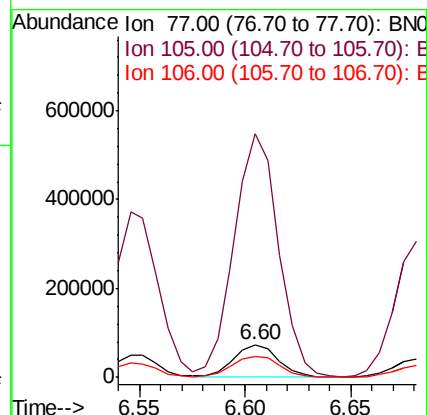
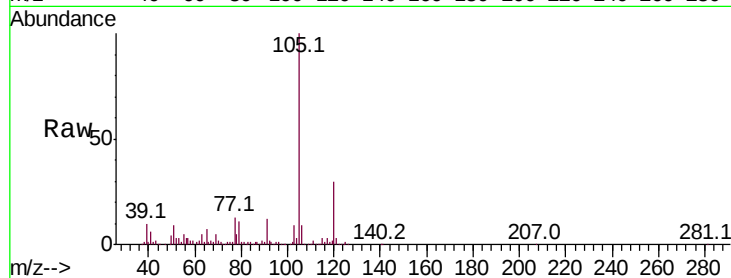
Tot Ion: 77 Resp: 108452

Ion Ratio Lower Upper

77 100

105 748.5 74.5 111.7#

106 65.9 70.8 106.2#



#6

Phenol

Concen: 1.092 ng/ul

RT: 6.66 min Scan# 625

Delta R.T. -0.01 min

Lab File: BN009620.D

Acq: 06 Feb 2020 21:35

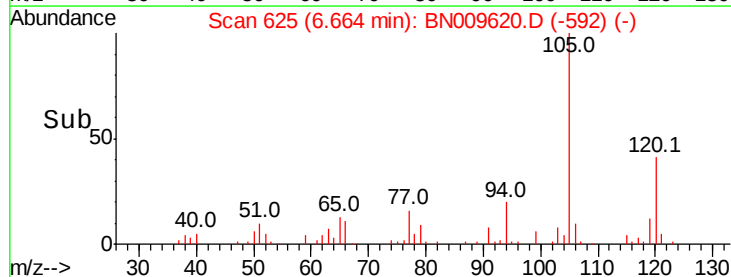
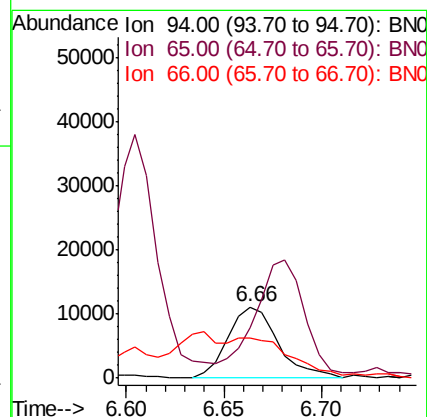
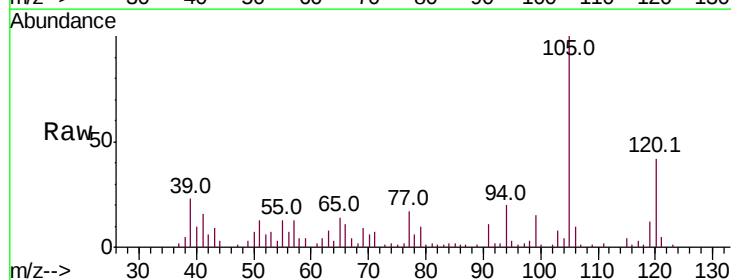
Tgt Ion: 94 Resp: 19823

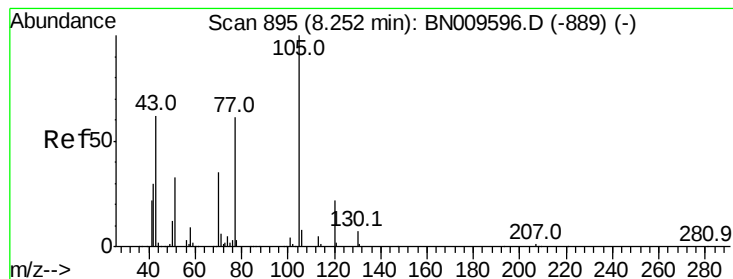
Ion Ratio Lower Upper

94 100

65 70.8 29.8 44.6#

66 55.9 39.5 59.3





#14

Acetophenone

Concen: 10.349 ng/ul

RT: 8.23 min Scan# 891

Delta R.T. -0.03 min

Lab File: BN009620.D

Acq: 06 Feb 2020 21:35

Instrument :

BNA_N

ClientSampleId :

GAT67

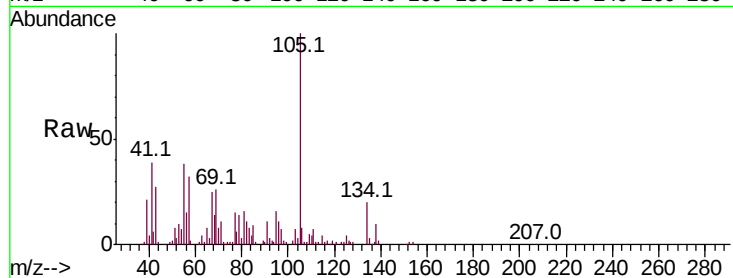
Tot Ion:105 Resp: 224074

Ion Ratio Lower Upper

105 100

77 15.1 67.7 101.5#

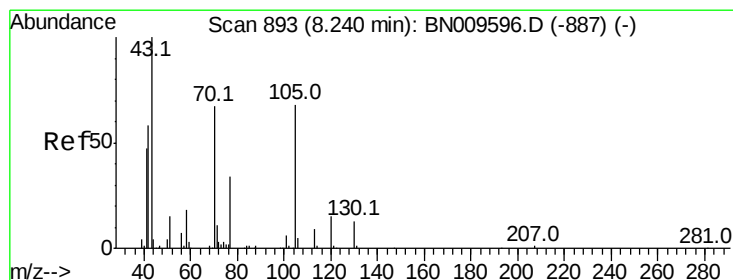
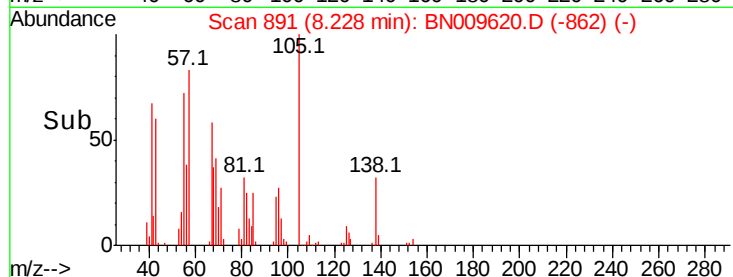
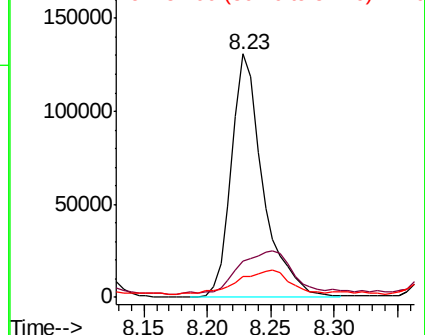
51 8.4 34.3 51.5#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 51.00 (50.70 to 51.70): BNC



#15

N-Nitroso-di-n-propylamine

Concen: 3.613 ng/ul

RT: 8.20 min Scan# 887

Delta R.T. -0.05 min

Lab File: BN009620.D

Acq: 06 Feb 2020 21:35

Tgt Ion: 70 Resp: 41422

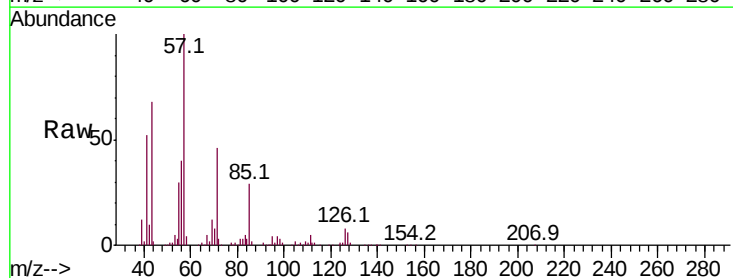
Ion Ratio Lower Upper

70 100

42 131.3 68.3 102.5#

101 0.0 7.4 11.0#

130 0.0 14.2 21.2#

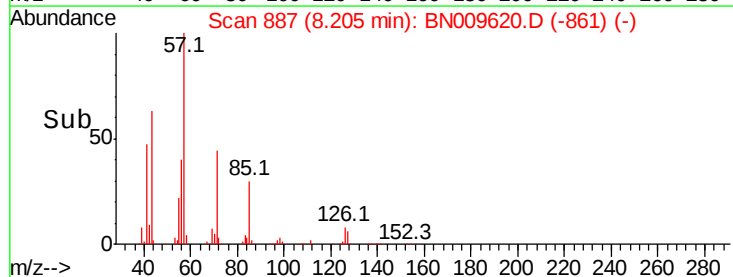
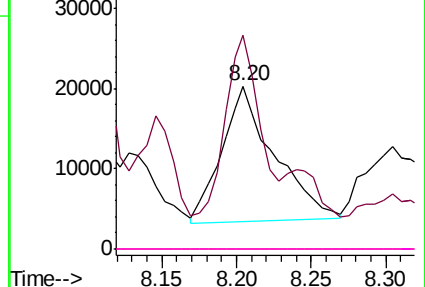


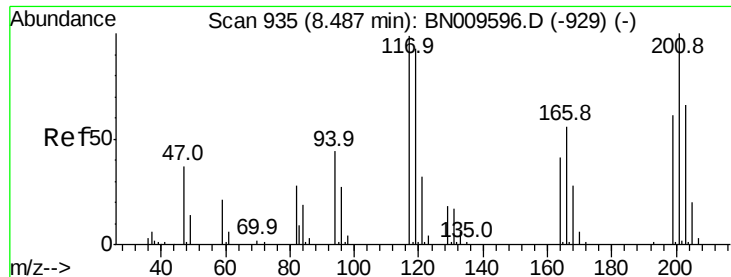
Abundance Ion 70.00 (69.70 to 70.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 101.00 (100.70 to 101.70): BNC

Ion 130.00 (129.70 to 130.70): BNC

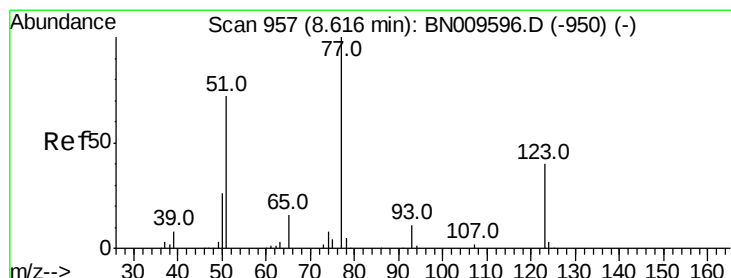
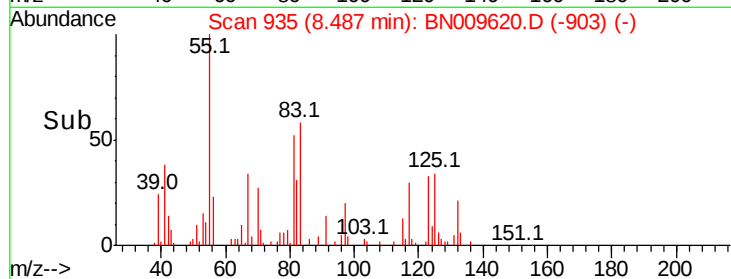
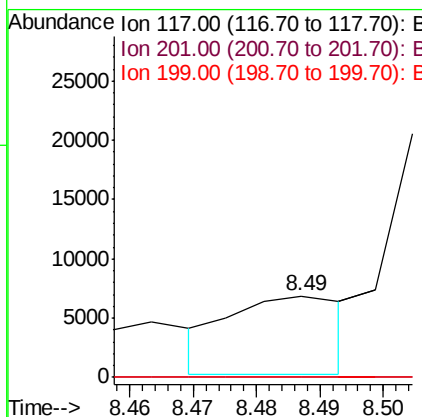
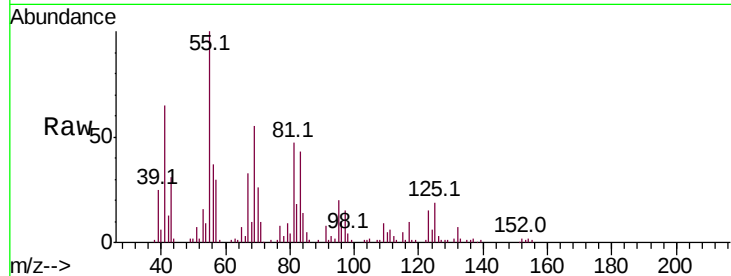




#17
Hexachloroethane
Concen: 1.414 ng/ul
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BN009620.D
Acq: 06 Feb 2020 21:35

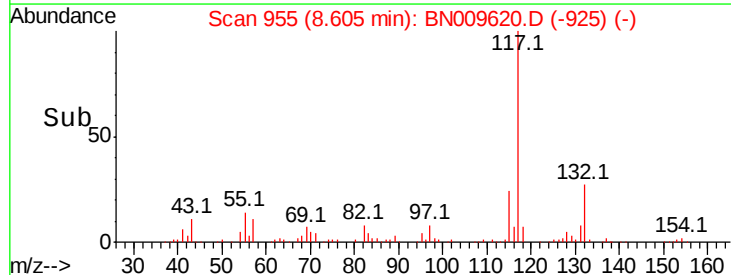
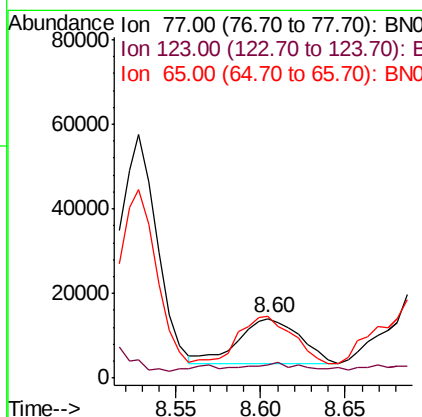
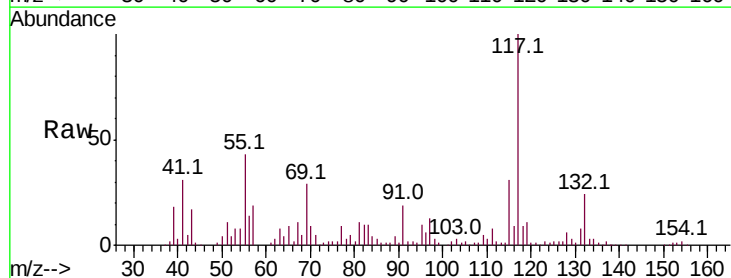
Instrument :
BNA_N
ClientSampleId :
GAT67

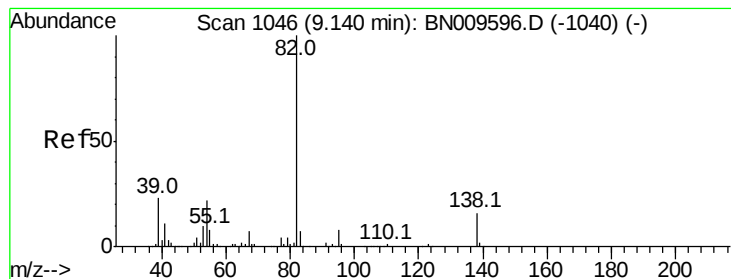
Tot Ion:117 Resp: 8316
Ion Ratio Lower Upper
117 100
201 0.0 78.8 118.2#
199 0.0 49.0 73.4#



#20
Nitrobenzene
Concen: 1.565 ng/ul
RT: 8.60 min Scan# 955
Delta R.T. -0.02 min
Lab File: BN009620.D
Acq: 06 Feb 2020 21:35

Tgt Ion: 77 Resp: 26606
Ion Ratio Lower Upper
77 100
123 21.9 30.2 45.4#
65 105.4 13.5 20.3#





#21

Isophorone

Concen: 4.141 ng/ul

RT: 9.12 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BN009620.D

Acq: 06 Feb 2020 21:35

Instrument :

BNA_N

ClientSampleId :

GAT67

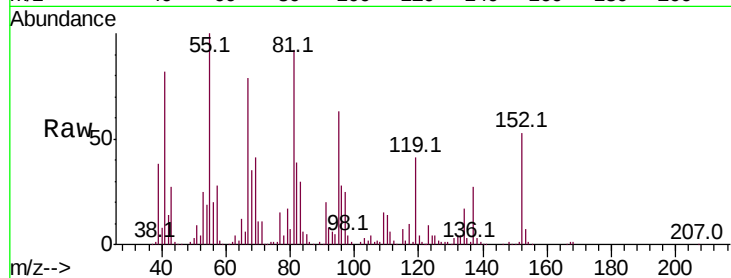
Tot Ion: 82 Resp: 126690

Ion Ratio Lower Upper

82 100

95 161.5 6.2 9.4#

138 8.3 12.8 19.2#

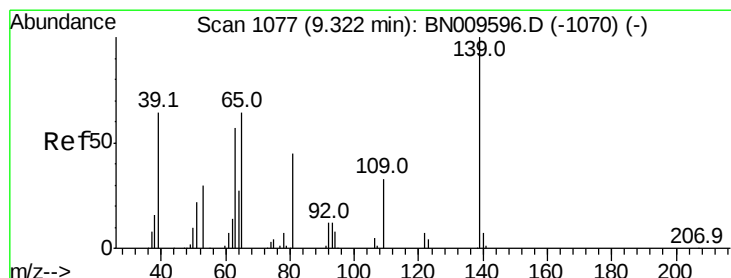
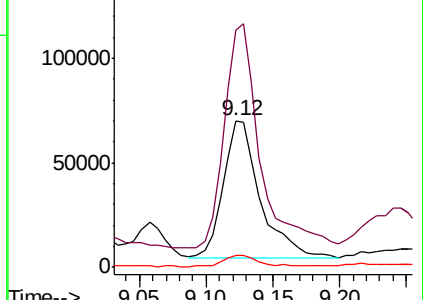
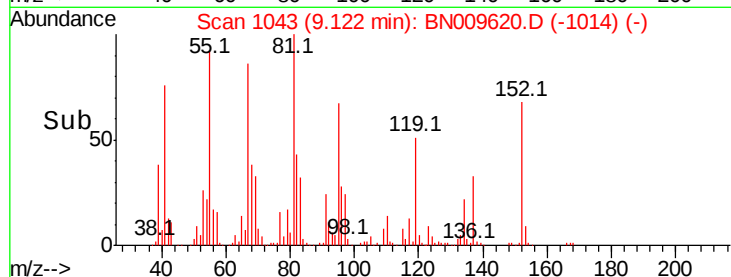


Abundance Ion 82.00 (81.70 to 82.70): BN009596.D (-1040) (-)

Ion 95.00 (94.70 to 95.70): BN009596.D (-1040) (-)

Ion 138.00 (137.70 to 138.70): BN009596.D (-1040) (-)

Time-->



#23

2-Nitrophenol

Concen: 1.728 ng/ul

RT: 9.34 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BN009620.D

Acq: 06 Feb 2020 21:35

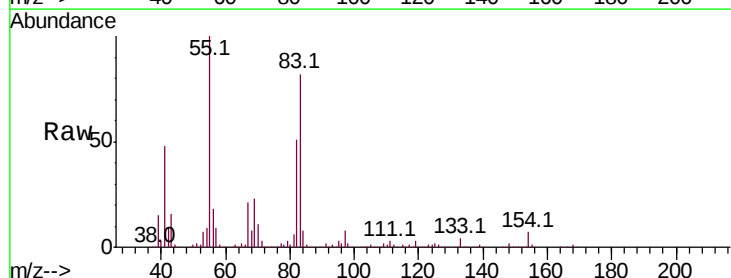
Tgt Ion: 139 Resp: 12438

Ion Ratio Lower Upper

139 100

65 204.5 56.2 84.4#

109 152.7 29.6 44.4#

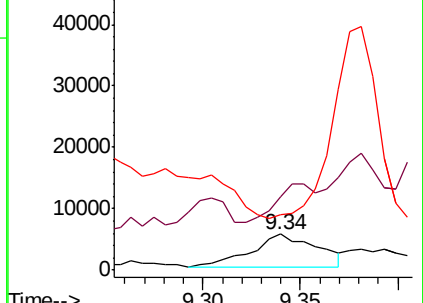
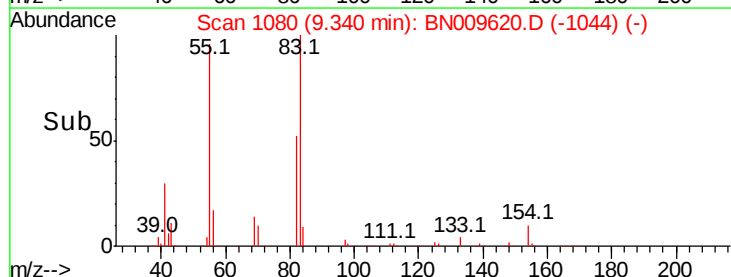


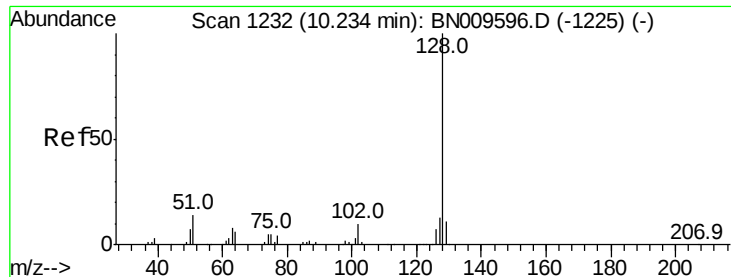
Abundance Ion 139.00 (138.70 to 139.70): BN009596.D (-1070) (-)

Ion 65.00 (64.70 to 65.70): BN009596.D (-1070) (-)

Ion 109.00 (108.70 to 109.70): BN009596.D (-1070) (-)

Time-->





#28

Naphthalene

Concen: 1.647 ng/ul

RT: 10.31 min Scan# 1245

Delta R.T. 0.06 min

Lab File: BN009620.D

Acq: 06 Feb 2020 21:35

Instrument :

BNA_N

ClientSampled :

GAT67

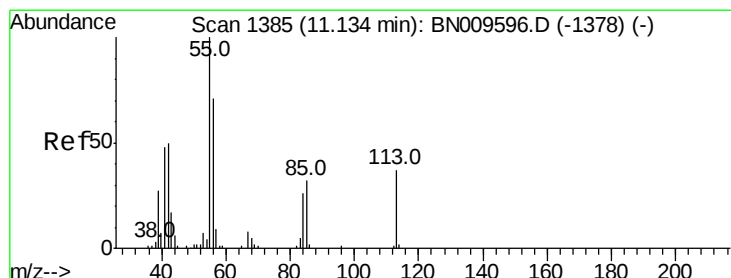
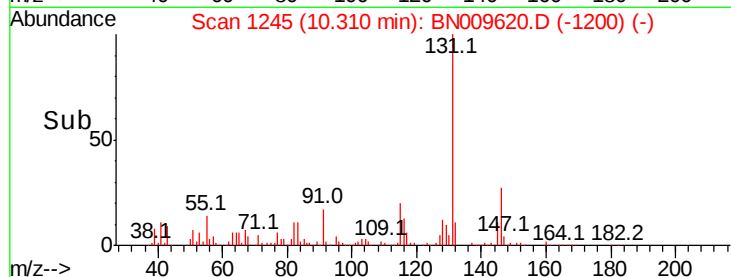
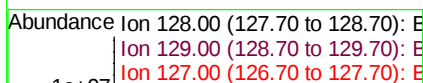
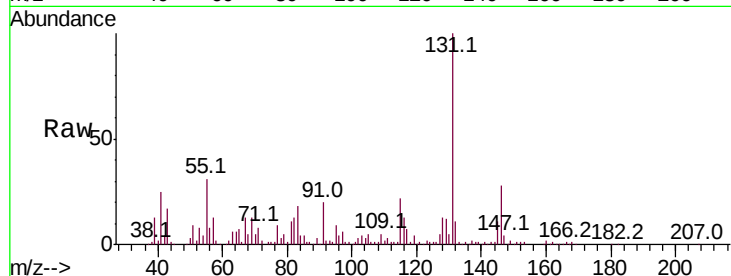
Tot Ion:128 Resp: 71111

Ion Ratio Lower Upper

128 100

129 92.3 8.7 13.1#

127 37.2 10.7 16.1#



#32

Caprolactam

Concen: 11.341 ng/ul

RT: 11.13 min Scan# 1385

Delta R.T. -0.03 min

Lab File: BN009620.D

Acq: 06 Feb 2020 21:35

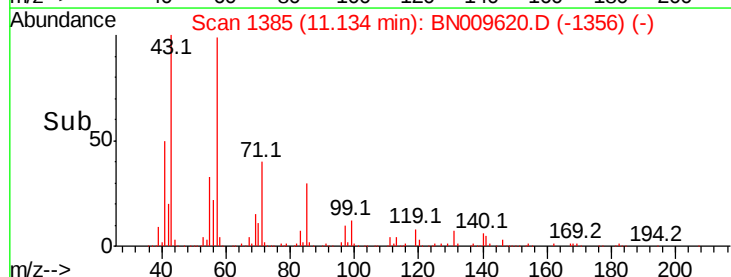
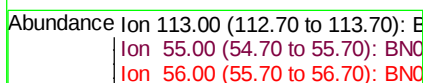
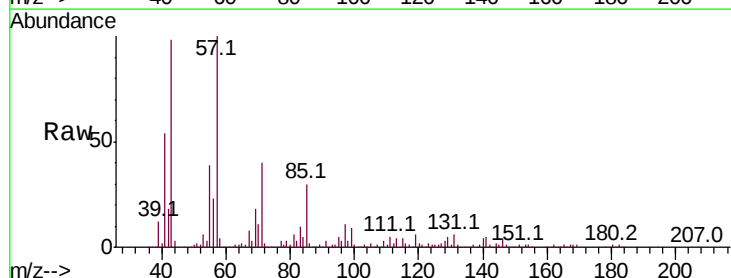
Tgt Ion:113 Resp: 47757

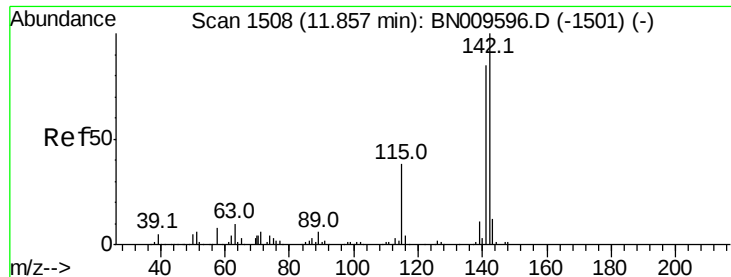
Ion Ratio Lower Upper

113 100

55 1095.6 207.0 310.6#

56 661.9 159.3 238.9#

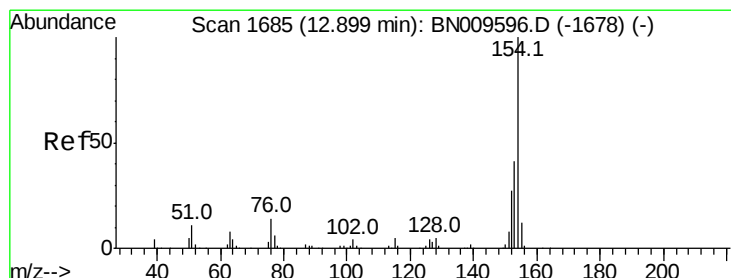
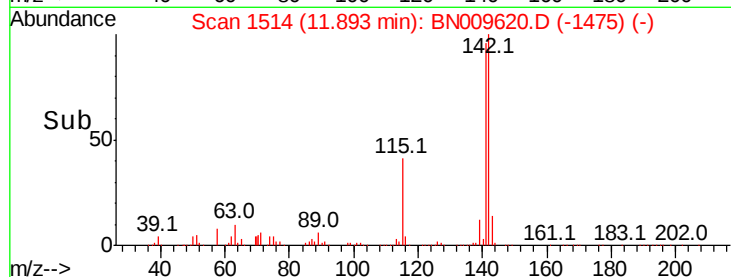
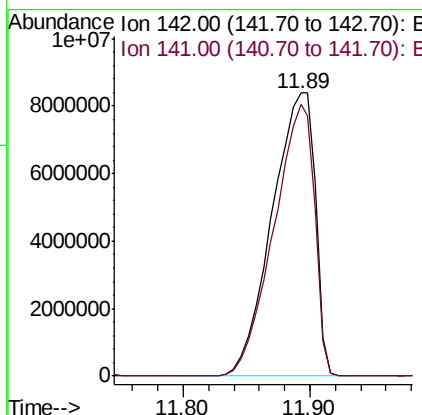
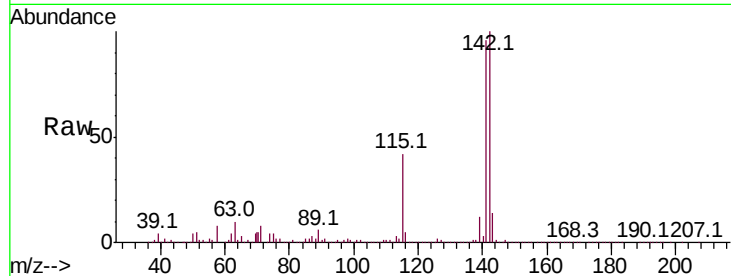




#34
 2-Methylnaphthalene
 Concen: 660.353 ng/ul
 RT: 11.89 min Scan# 1514
 Delta R.T. 0.03 min
 Lab File: BN009620.D
 Acq: 06 Feb 2020 21:35

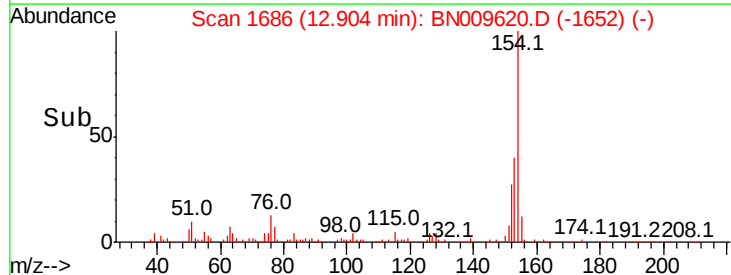
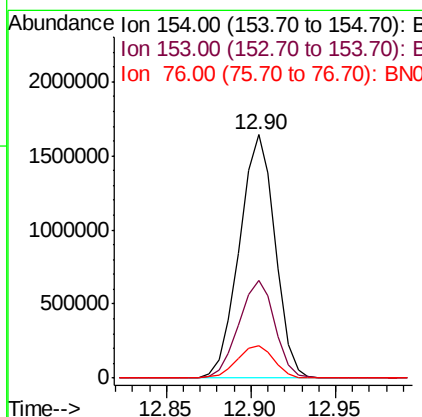
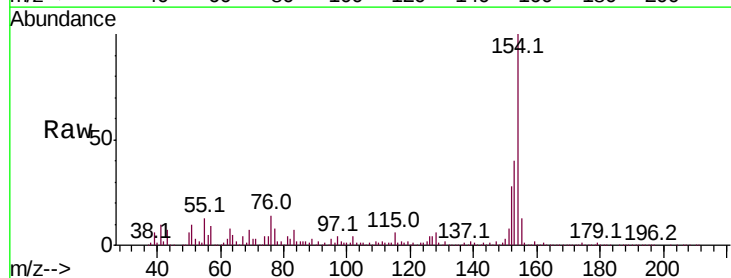
Instrument :
 BNA_N
 ClientSampled :
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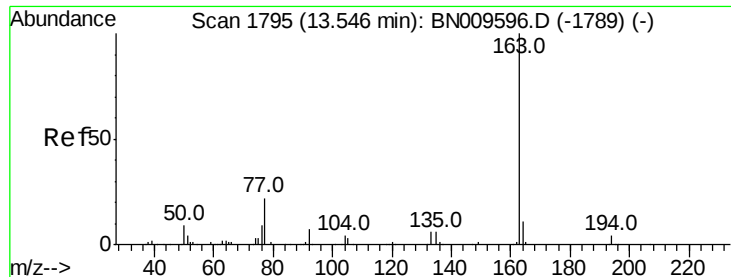
Tot Ion:142 Resp:19953724
 Ion Ratio Lower Upper
 142 100
 141 96.0 71.5 107.3



#40
 1,1'-Biphenyl
 Concen: 59.070 ng/ul
 RT: 12.90 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: BN009620.D
 Acq: 06 Feb 2020 21:35

Tgt Ion:154 Resp: 2408342
 Ion Ratio Lower Upper
 154 100
 153 40.3 31.2 46.8
 76 13.5 11.4 17.2





#44

Dimethylphthalate

Concen: 1.378 ng/ul

RT: 13.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BN009620.D

Acq: 06 Feb 2020 21:35

Instrument :

BNA_N

ClientSampleId :

GAT67

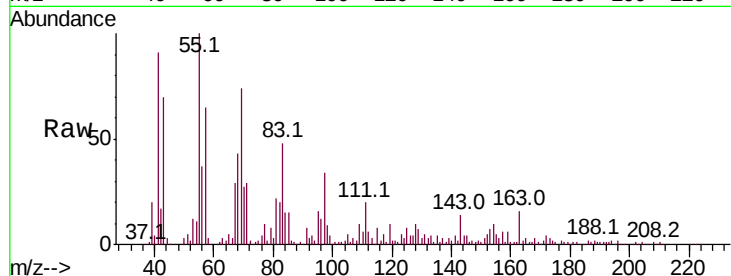
Tot Ion:163 Resp: 55904

Ion Ratio Lower Upper

163 100

194 10.0 3.5 5.3#

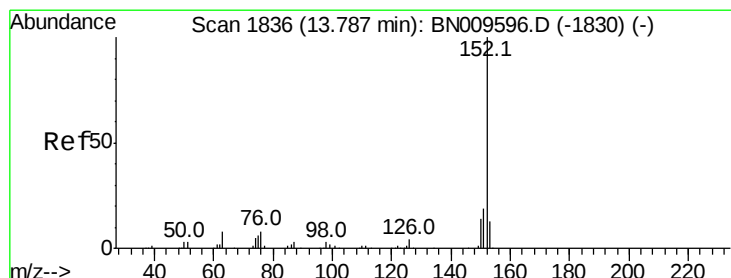
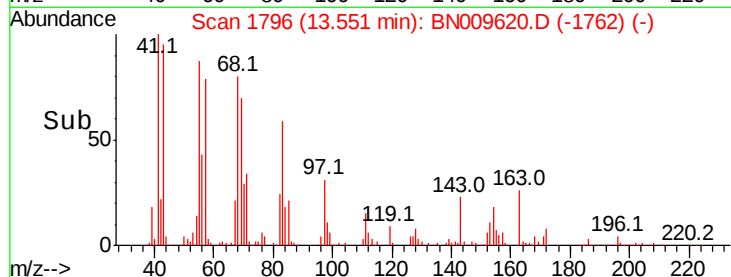
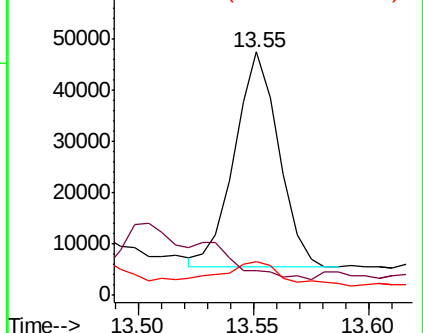
164 13.8 8.0 12.0#



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



#47

Acenaphthylene

Concen: 29.594 ng/ul

RT: 13.80 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BN009620.D

Acq: 06 Feb 2020 21:35

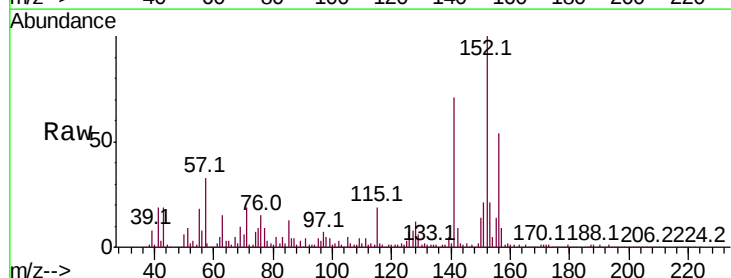
Tgt Ion:152 Resp: 1495874

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.2

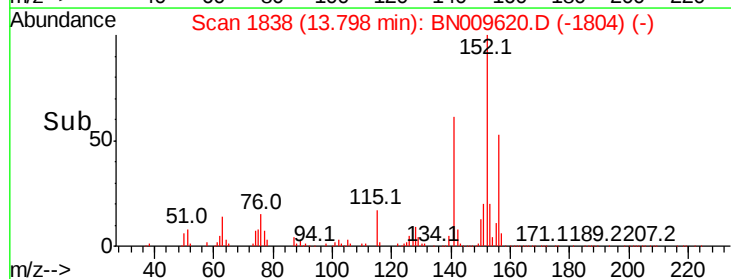
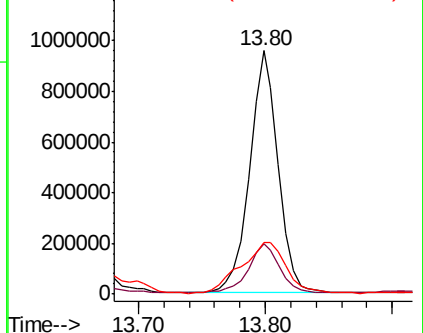
153 21.0 10.6 15.8#

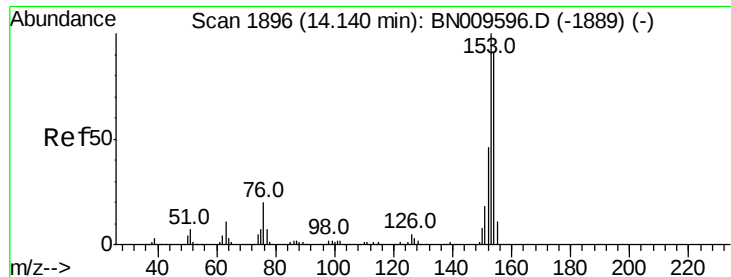


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Acenaphthene

Concen: 216.203 ng/ul

RT: 14.16 min Scan# 1899

Delta R.T. 0.01 min

Lab File: BN009620.D

Acq: 06 Feb 2020 21:35

Instrument :

BNA_N

ClientSampleId :

GAT67

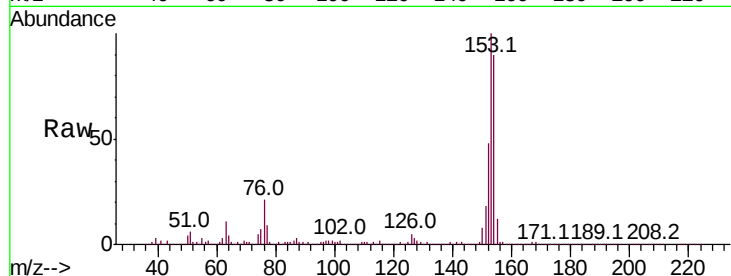
Tot Ion:153 Resp: 7429187

Ion Ratio Lower Upper

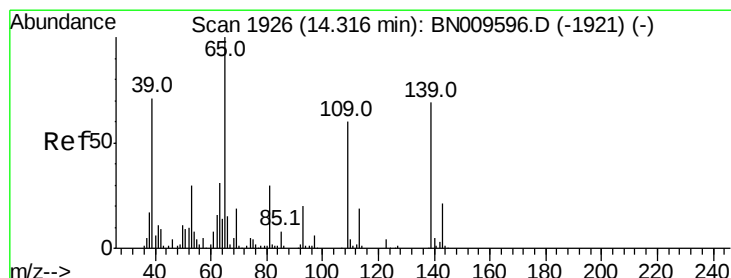
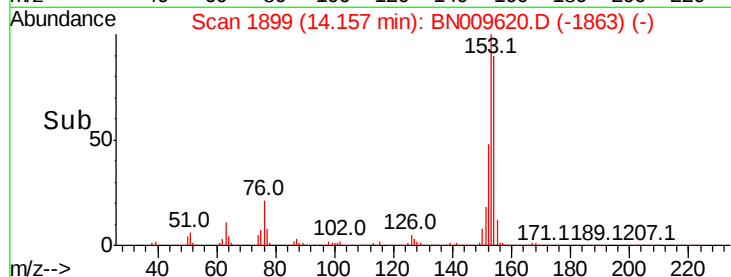
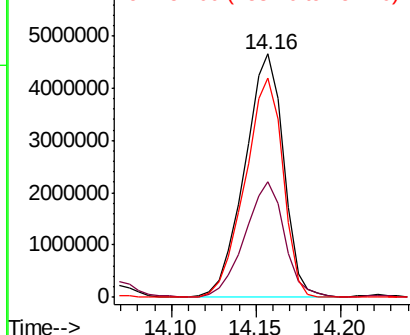
153 100

152 47.6 37.3 55.9

154 90.0 70.2 105.2



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#52

4-Nitrophenol

Concen: 1.477 ng/ul

RT: 14.34 min Scan# 1930

Delta R.T. 0.02 min

Lab File: BN009620.D

Acq: 06 Feb 2020 21:35

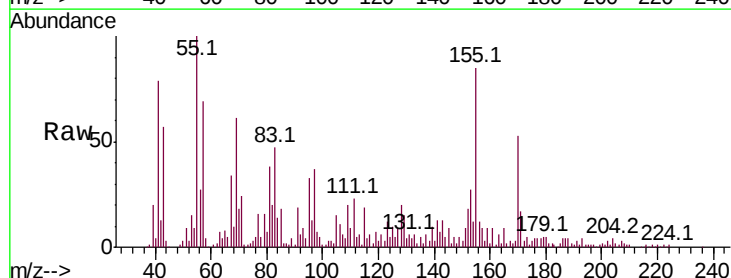
Tgt Ion:109 Resp: 9538

Ion Ratio Lower Upper

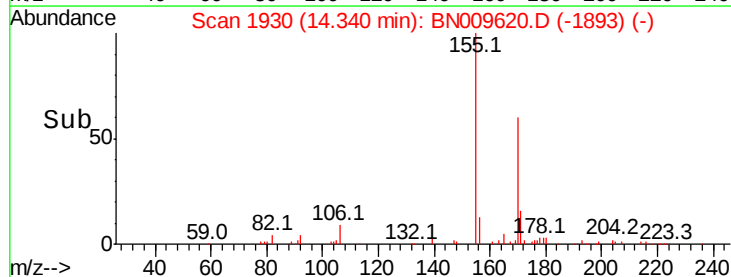
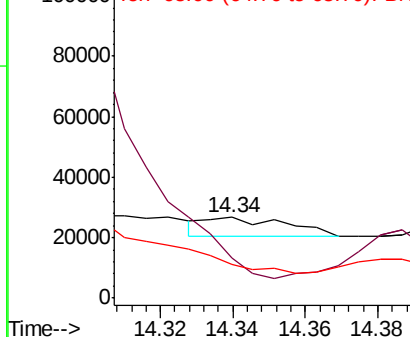
109 100

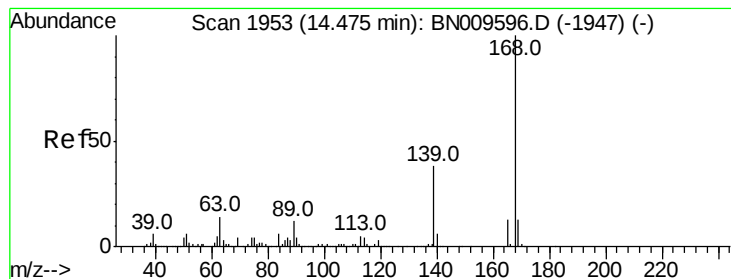
139 49.8 97.4 146.2#

65 41.6 134.6 201.8#



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): BNO





#53

Dibenzofuran

Concen: 21.676 ng/ul

RT: 14.49 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BN009620.D

Acq: 06 Feb 2020 21:35

Instrument :

BNA_N

ClientSampleId :

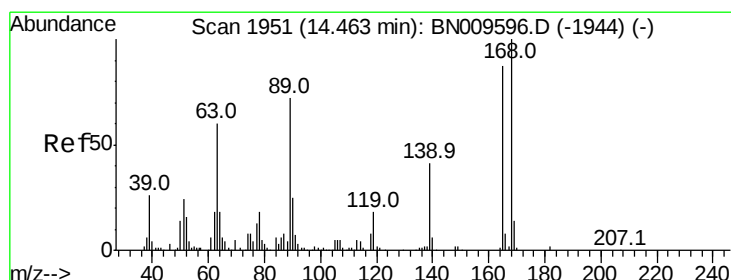
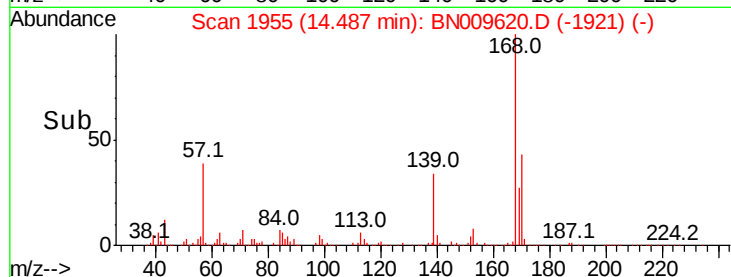
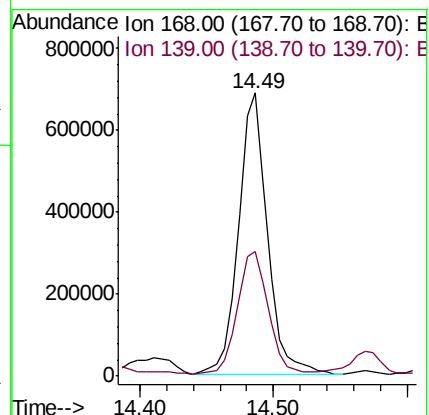
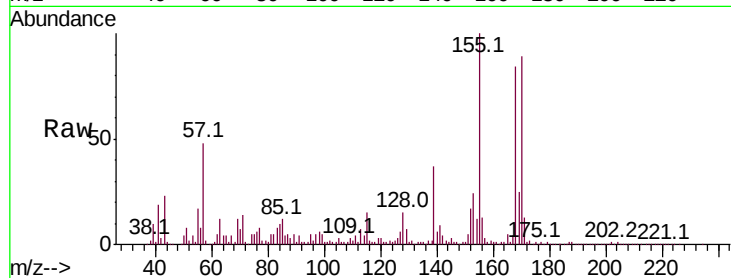
GAT67

Tot Ion:168 Resp: 1037180

Ion Ratio Lower Upper

168 100

139 43.8 29.5 44.3



#54

2,4-Dinitrotoluene

Concen: 4.040 ng/ul

RT: 14.45 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BN009620.D

Acq: 06 Feb 2020 21:35

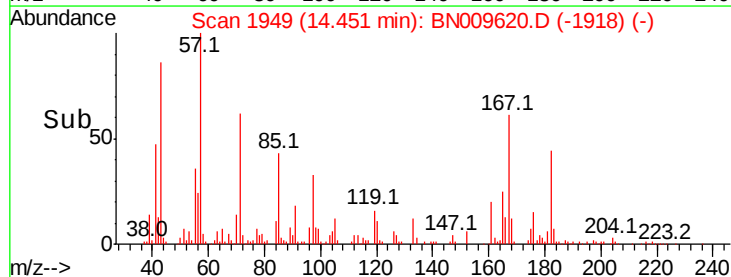
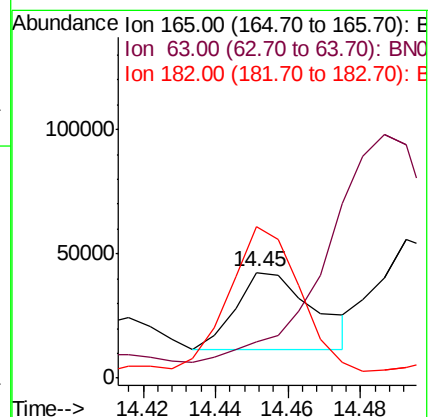
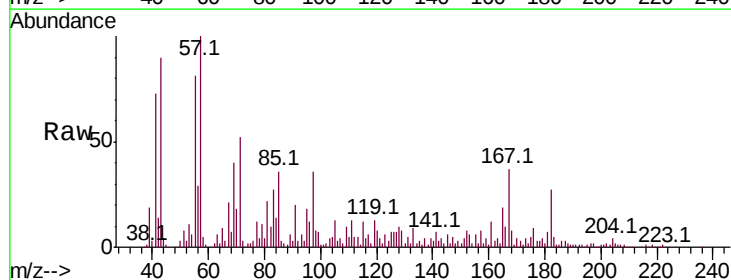
Tgt Ion:165 Resp: 46931

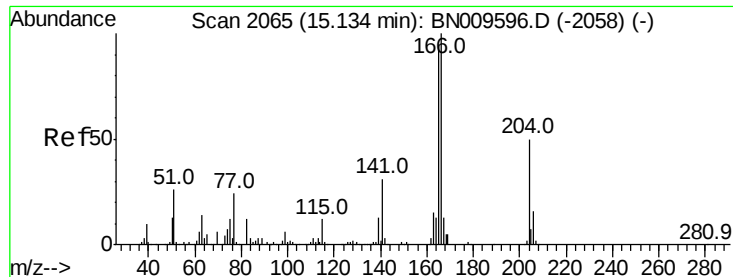
Ion Ratio Lower Upper

165 100

63 34.3 55.0 82.4#

182 143.8 2.4 3.6#





#58

Fluorene

Concen: 128.363 ng/ul

RT: 15.15 min Scan# 2067

Delta R.T. 0.01 min

Lab File: BN009620.D

Acq: 06 Feb 2020 21:35

Instrument :

BNA_N

ClientSampleId :

GAT67

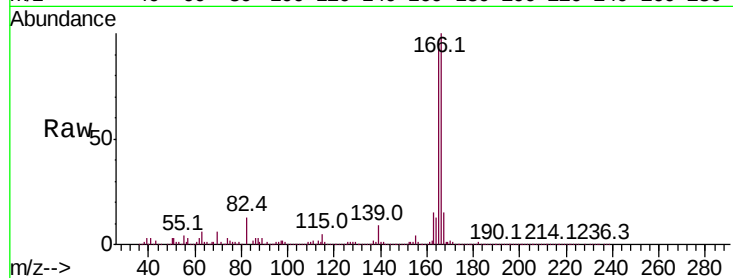
Tot Ion:166 Resp: 5133191

Ion Ratio Lower Upper

166 100

165 96.8 76.7 115.1

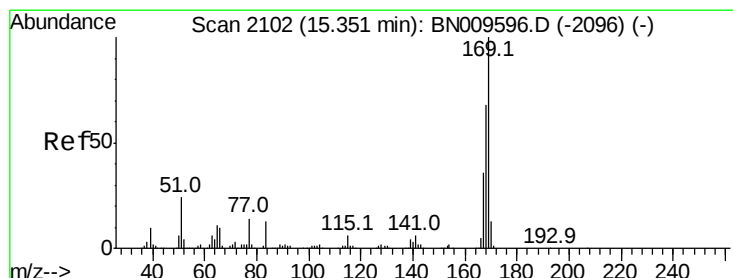
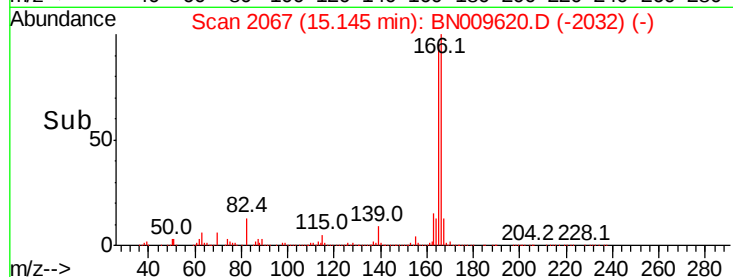
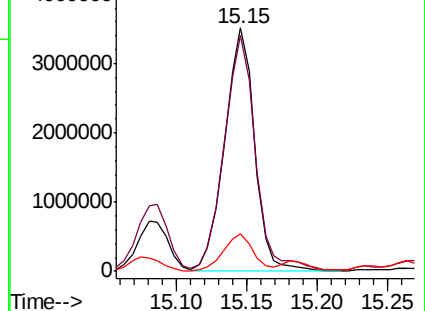
167 15.2 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

N-Nitrosodiphenylamine

Concen: 5.639 ng/ul

RT: 15.36 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BN009620.D

Acq: 06 Feb 2020 21:35

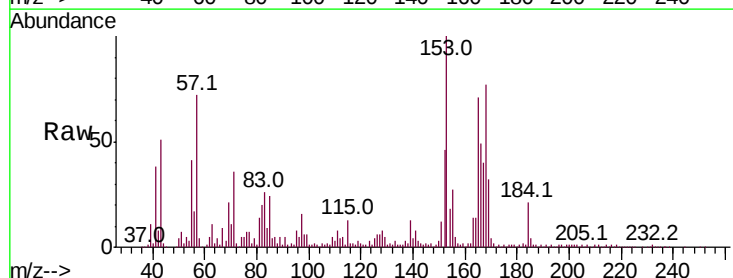
Tgt Ion:169 Resp: 159356

Ion Ratio Lower Upper

169 100

168 237.2 53.8 80.8#

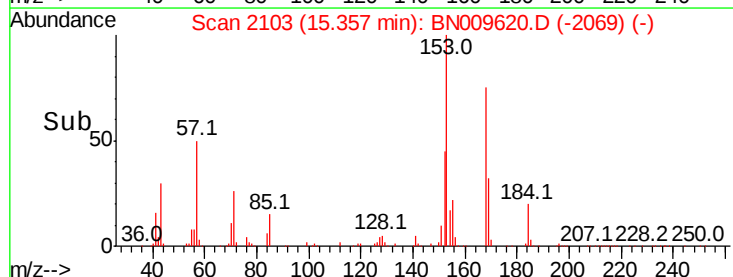
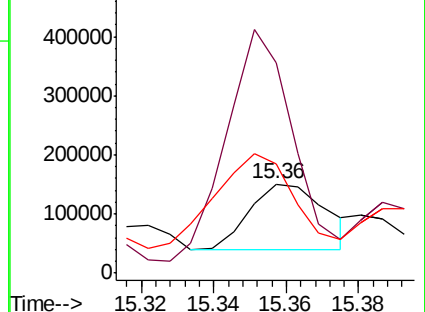
167 122.8 27.5 41.3#

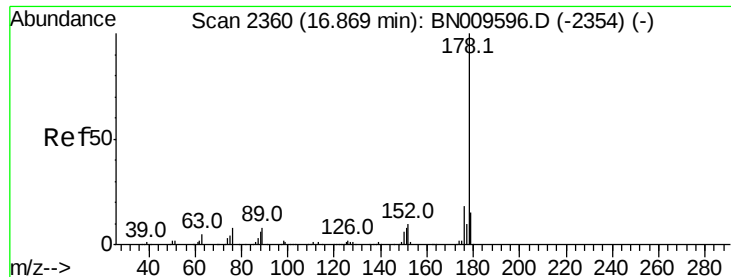


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 96.826 ng/ul

RT: 16.97 min Scan# 2378

Delta R.T. 0.10 min

Lab File: BN009620.D

Acq: 06 Feb 2020 21:35

Instrument :

BNA_N

ClientSampleId :

GAT67

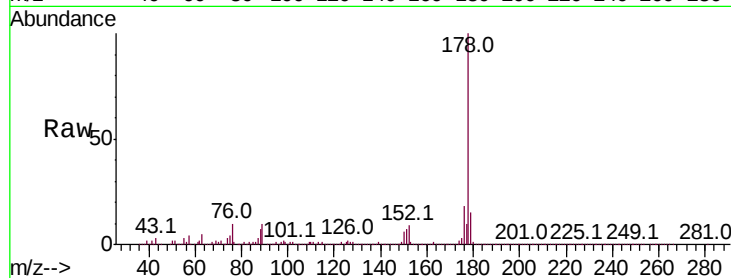
Tot Ion:178 Resp: 5220907

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

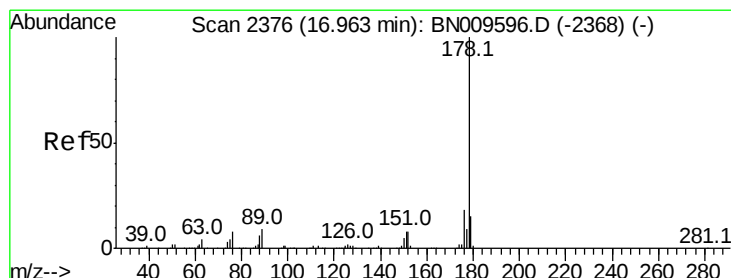
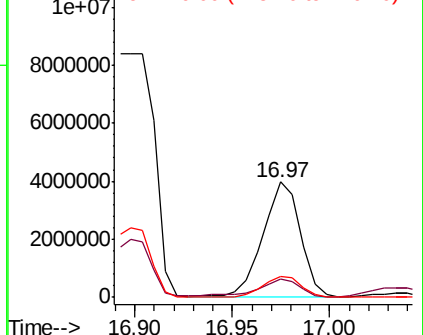
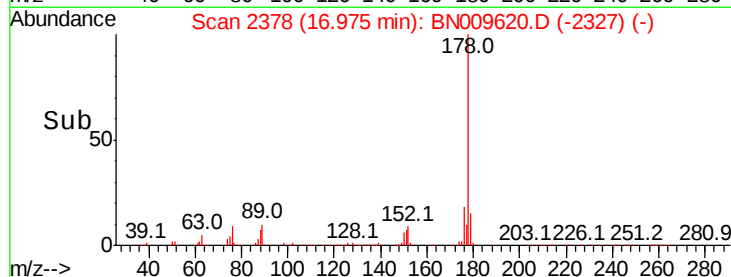
176 18.2 14.8 22.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 95.427 ng/ul

RT: 16.97 min Scan# 2378

Delta R.T. 0.01 min

Lab File: BN009620.D

Acq: 06 Feb 2020 21:35

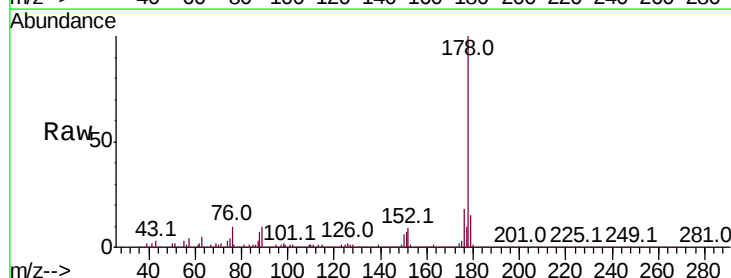
Tgt Ion:178 Resp: 5220907

Ion Ratio Lower Upper

178 100

179 15.4 12.1 18.1

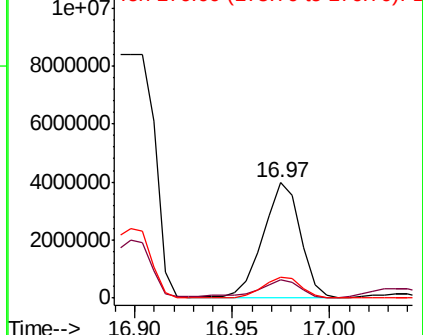
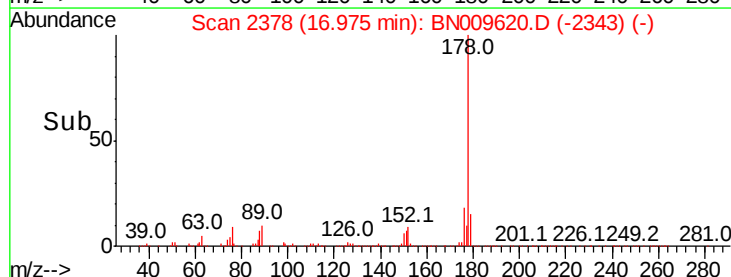
176 18.2 14.6 21.8

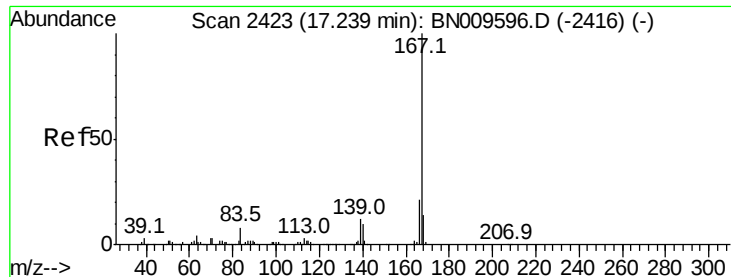


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Carbazole

Concen: 8.652 ng/ul

RT: 17.24 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BN009620.D

Acq: 06 Feb 2020 21:35

Instrument :

BNA_N

ClientSampleId :

GAT67

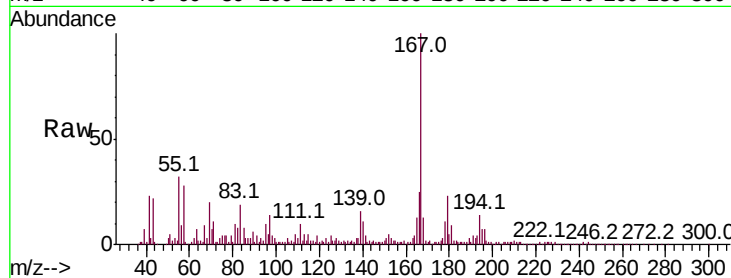
Tot Ion:167 Resp: 412137

Ion Ratio Lower Upper

167 100

166 25.3 16.2 24.4#

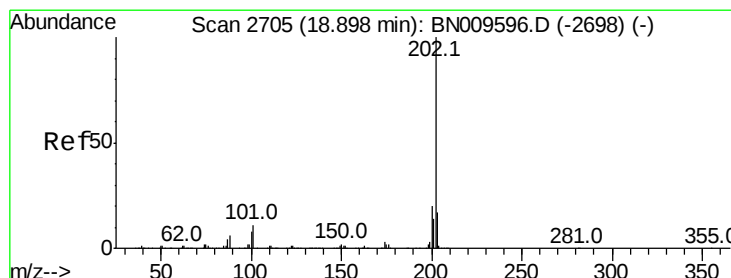
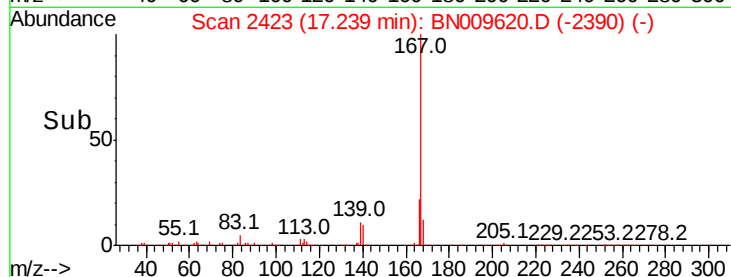
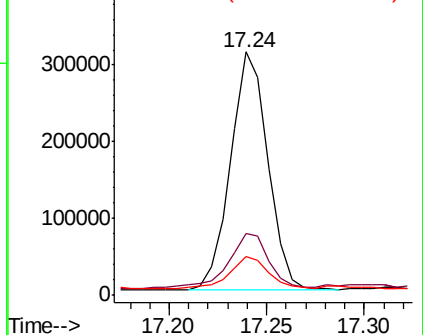
139 15.8 10.4 15.6#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#76

Fluoranthene

Concen: 87.787 ng/ul

RT: 18.91 min Scan# 2707

Delta R.T. 0.01 min

Lab File: BN009620.D

Acq: 06 Feb 2020 21:35

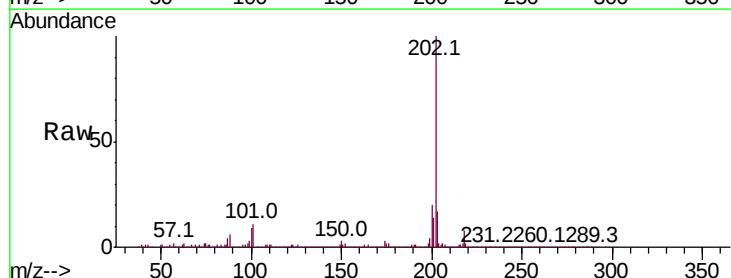
Tgt Ion:202 Resp: 5402465

Ion Ratio Lower Upper

202 100

101 11.5 9.2 13.8

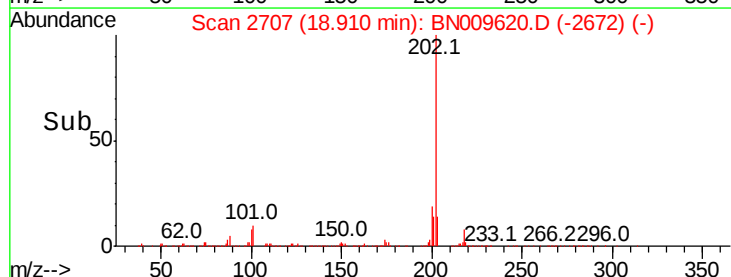
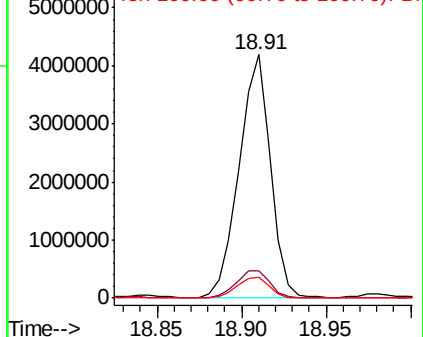
100 8.6 6.9 10.3

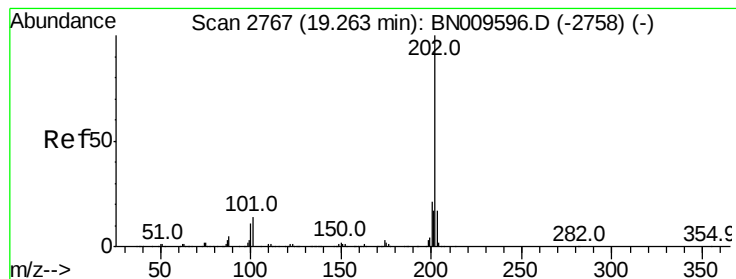


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#79

Pvrene

Concen: 128.400 ng/ul

RT: 19.27 min Scan# 2769

Delta R.T. 0.01 min

Lab File: BN009620.D

Acq: 06 Feb 2020 21:35

Instrument :

BNA_N

ClientSampleId :

GAT67

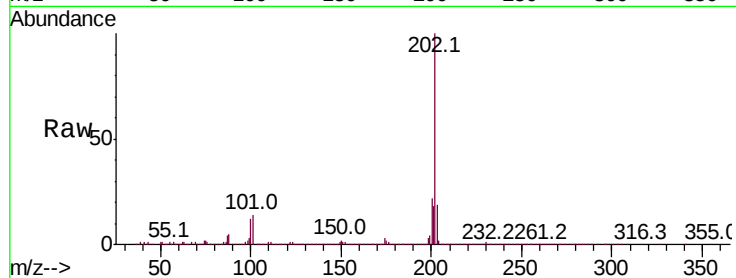
Tot Ion:202 Resp: 7947655

Ion Ratio Lower Upper

202 100

101 14.3 10.3 15.5

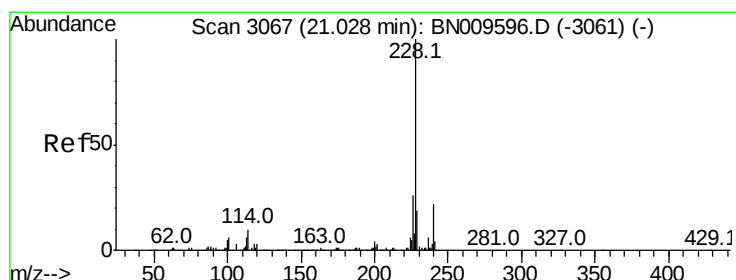
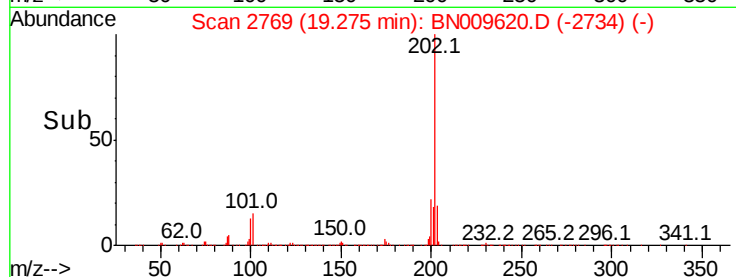
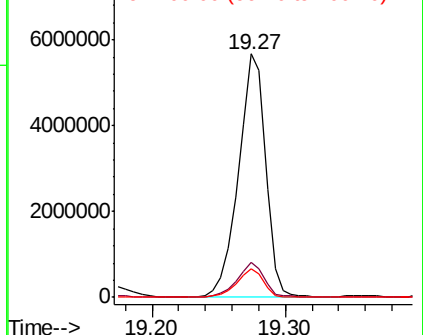
100 11.9 8.4 12.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#82

Benzo(a)anthracene

Concen: 45.879 ng/ul

RT: 21.03 min Scan# 3068

Delta R.T. 0.01 min

Lab File: BN009620.D

Acq: 06 Feb 2020 21:35

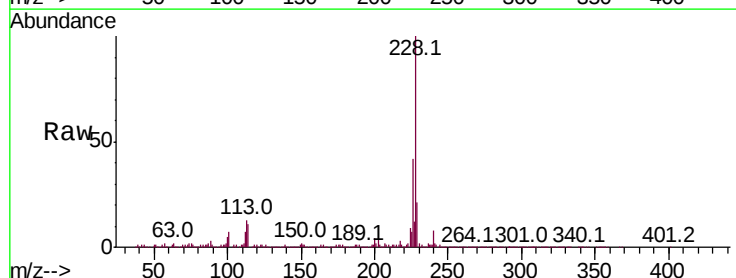
Tgt Ion:228 Resp: 2685913

Ion Ratio Lower Upper

228 100

229 20.8 15.0 22.4

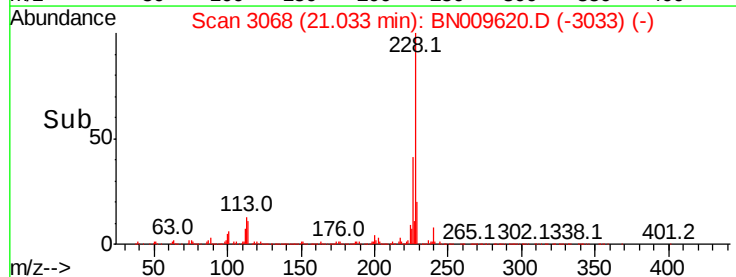
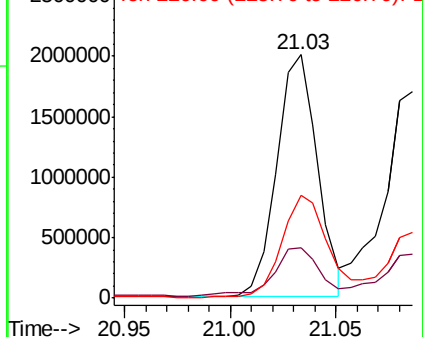
226 42.0 20.9 31.3#

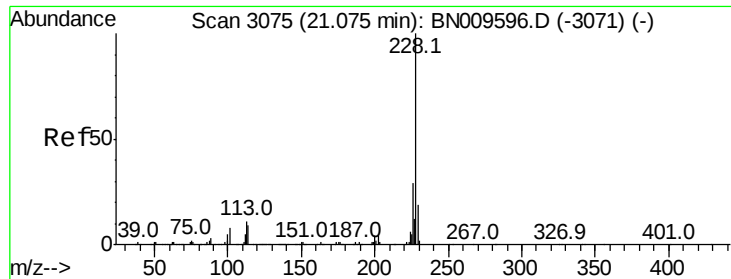


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 41.013 ng/ul

RT: 21.09 min Scan# 3077

Delta R.T. 0.01 min

Lab File: BN009620.D

Acq: 06 Feb 2020 21:35

Instrument :

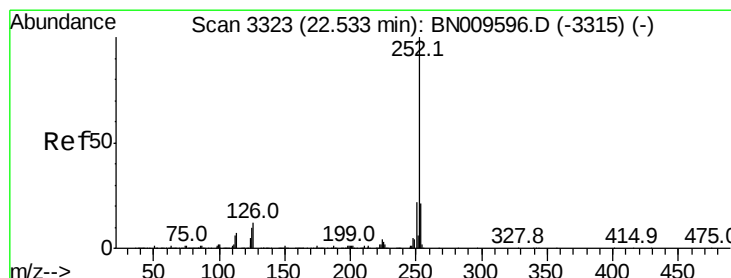
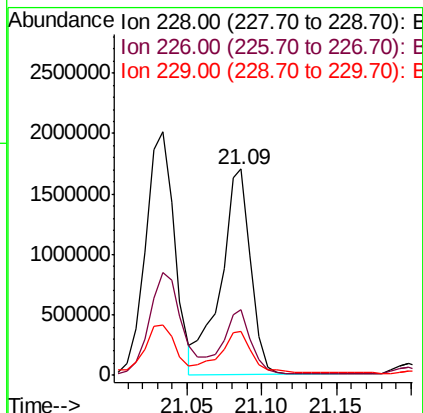
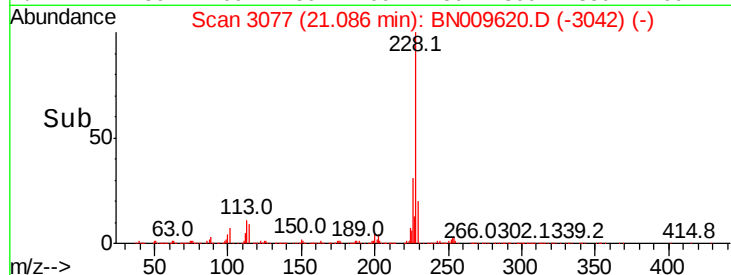
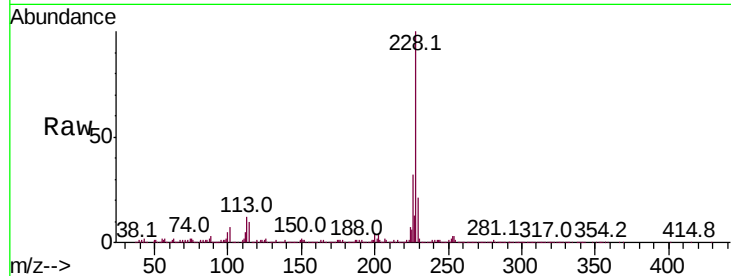
BNA_N

ClientSampleId :

GAT67

Tot Ion:228 Resp: 2390294

Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.5	35.3
229	21.2	15.8	23.8



#87

Benzo(b)fluoranthene

Concen: 27.648 ng/ul

RT: 22.55 min Scan# 3325

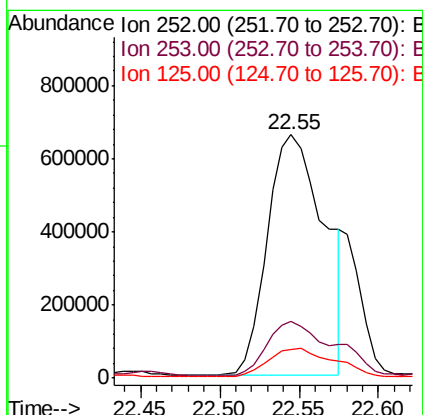
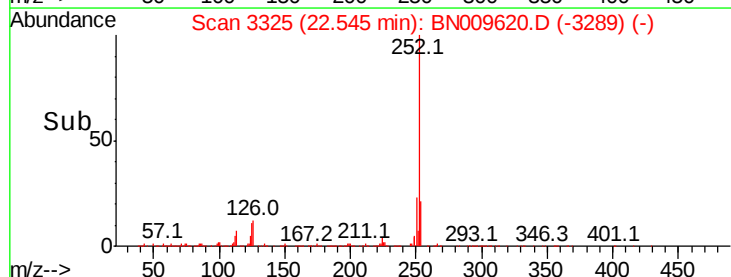
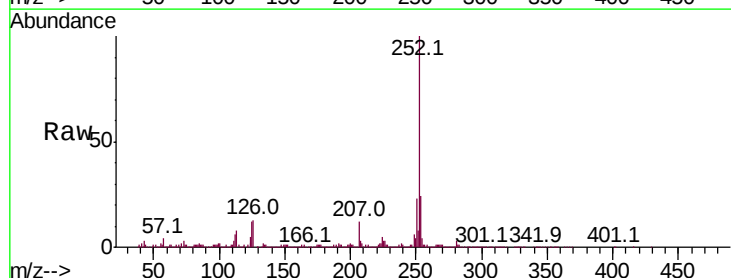
Delta R.T. 0.01 min

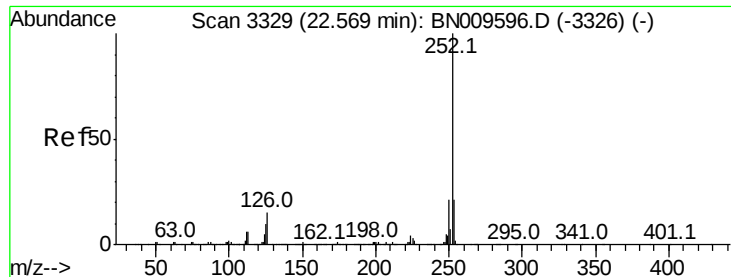
Lab File: BN009620.D

Acq: 06 Feb 2020 21:35

Tgt Ion:252 Resp: 1646456

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	11.9	8.2	12.2





#88

Benzo(k)fluoranthene

Concen: 28.074 ng/ul

RT: 22.55 min Scan# 3325

Delta R.T. -0.03 min

Lab File: BN009620.D

Acq: 06 Feb 2020 21:35

Instrument :

BNA_N

ClientSampleId :

GAT67

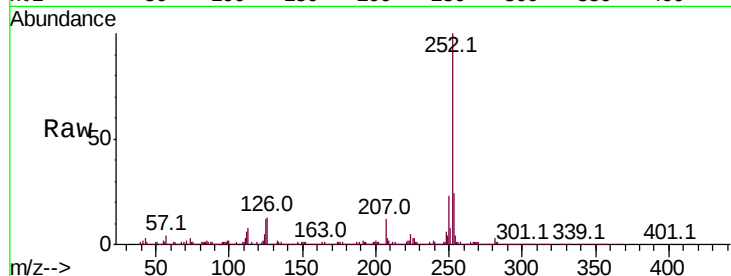
Tot Ion:252 Resp: 1646456

Ion Ratio Lower Upper

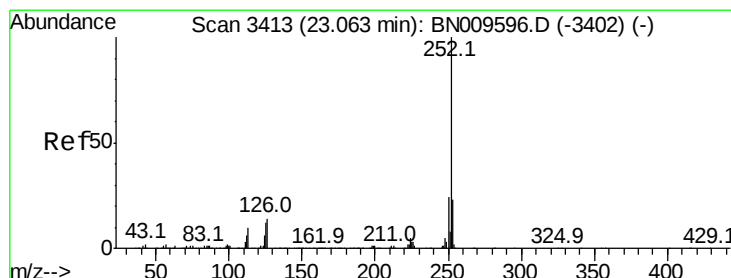
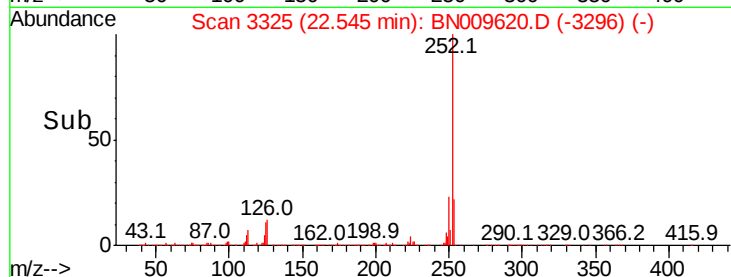
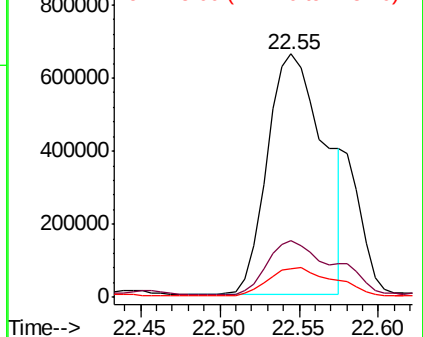
252 100

253 23.5 17.0 25.4

125 11.9 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 32.703 ng/ul

RT: 23.07 min Scan# 3415

Delta R.T. 0.01 min

Lab File: BN009620.D

Acq: 06 Feb 2020 21:35

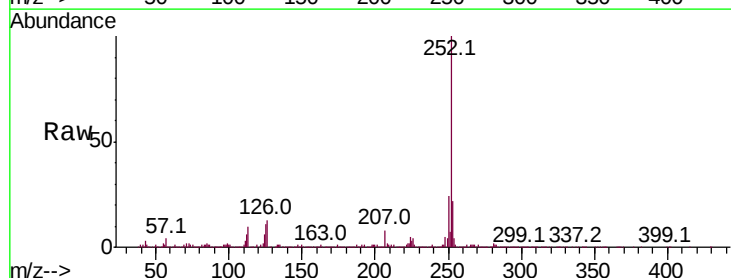
Tgt Ion:252 Resp: 1804371

Ion Ratio Lower Upper

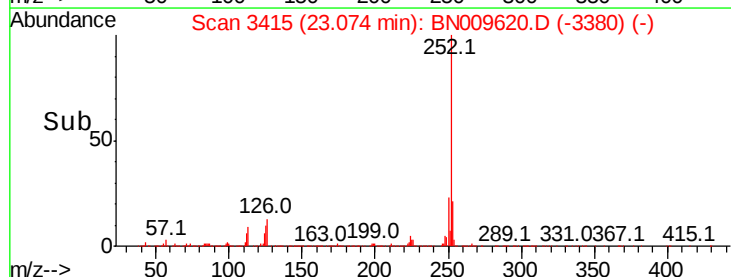
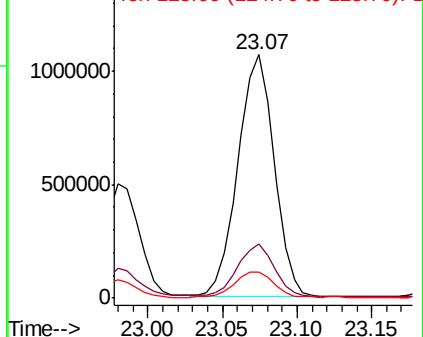
252 100

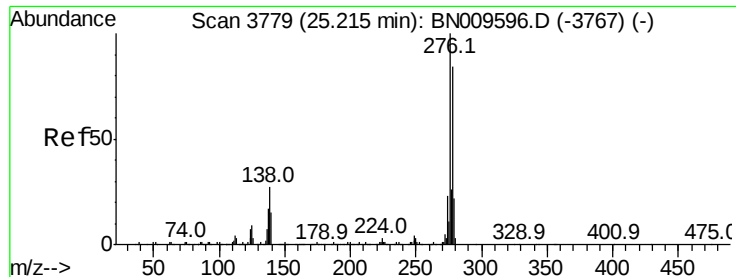
253 22.2 15.8 23.8

125 10.6 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Indeno(1,2,3-cd)pyrene

Concen: 9.624 ng/ul

RT: 25.22 min Scan# 3780

Delta R.T. 0.00 min

Lab File: BN009620.D

Acq: 06 Feb 2020 21:35

Instrument :

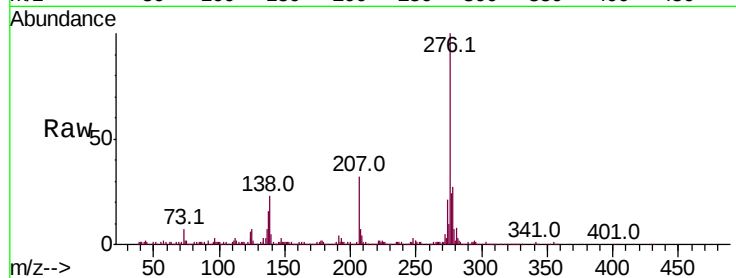
BNA_N

ClientSampleId :

GAT67

Tot Ion:276 Resp: 631340

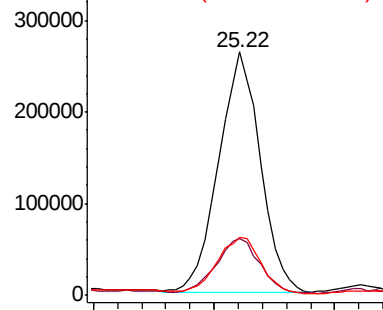
Ion	Ratio	Lower	Upper
276	100		
138	23.1	20.3	30.5
277	24.0	21.2	31.8



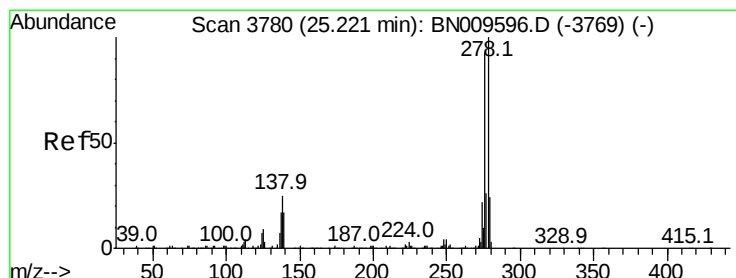
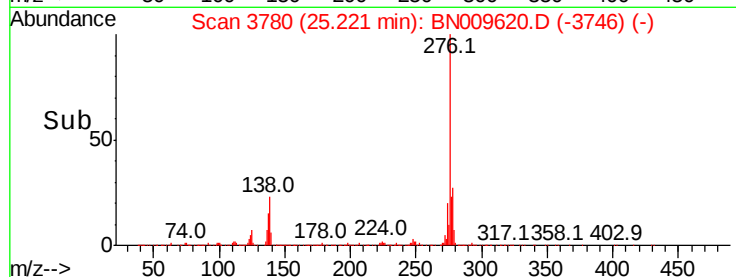
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time--> 25.10 25.20 25.30



#92

Dibenzo(a,h)anthracene

Concen: 3.804 ng/ul

RT: 25.23 min Scan# 3781

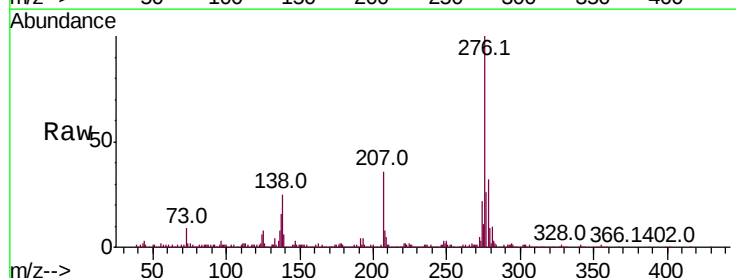
Delta R.T. -0.01 min

Lab File: BN009620.D

Acq: 06 Feb 2020 21:35

Tgt Ion:278 Resp: 210048

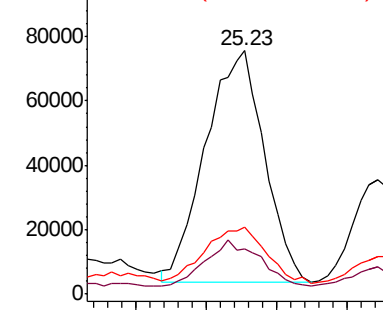
Ion	Ratio	Lower	Upper
278	100		
139	18.8	12.7	19.1
279	27.3	19.8	29.8



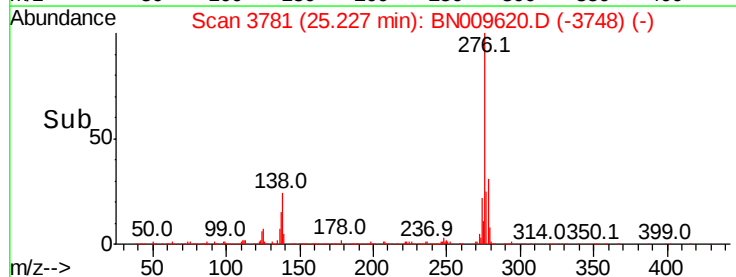
Abundance Ion 278.00 (277.70 to 278.70): E

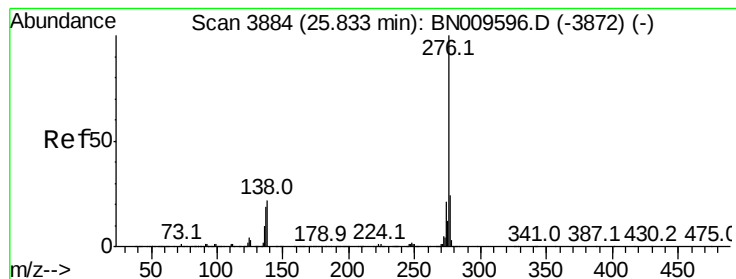
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 25.15 25.20 25.25 25.30





#93

Benzo(a,h,i)perylene

Concen: 11.057 ng/ul

RT: 25.85 min Scan# 3887

Delta R.T. 0.00 min

Lab File: BN009620.D

Acq: 06 Feb 2020 21:35

Instrument :

BNA_N

ClientSampleId :

GAT67

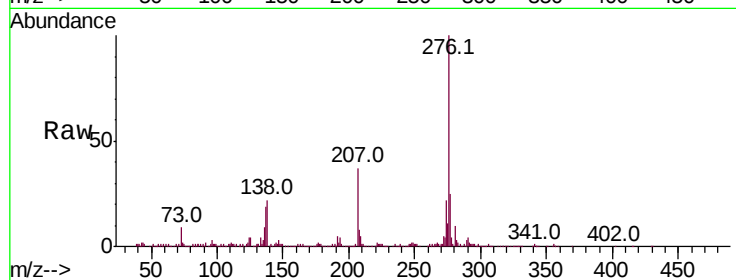
Tot Ion:276 Resp: 607905

Ion Ratio Lower Upper

276 100

138 22.3 16.0 24.0

277 24.6 17.0 25.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

