

Data File : BN003226.D
Acq On : 20 Oct 2018 02:38
Operator : MJ/SJ
Sample : J5567-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AJ0

Quant Time: Oct 20 05:10:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 20 05:04:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	94727	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	462758	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	288894	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	671022	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	745264	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	728304	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	7533	4.10	ng/uL	0.00
5) Phenol-d5	6.81	99	207091	23.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	123885	23.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	170686	24.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	176696	24.19	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	86372	24.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	103206	24.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	182917	24.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	226540	37.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	572126	23.24	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	734127	24.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	88074	25.96	ng/ul	0.02
57) Fluorene-d10	15.25	176	519027	24.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	88837	19.71	ng/ul	0.00
70) Anthracene-d10	17.10	188	811587	24.43	ng/ul	0.00
78) Pyrene-d10	19.41	212	899317	24.90	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	979536	24.88	ng/ul	0.00

Target Compounds

					Qvalue	
4) Benzaldehyde	6.84	77	1047	0.674	ng/ul#	1
6) Phenol	6.84	94	66030	7.315	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.33	70	3899	0.692	ng/ul#	1
20) Nitrobenzene	8.76	77	359	0.044	ng/ul#	38
21) Isophorone	9.48	82	6789	0.417	ng/ul#	65
44) Dimethylphthalate	13.71	163	116147	4.827	ng/ul	100
45) 2,6-Dinitrotoluene	13.71	165	1190	0.247	ng/ul#	36
56) Diethylphthalate	15.09	149	867	0.036	ng/ul#	59
58) Fluorene	15.25	166	1096	0.046	ng/ul#	2
64) N-Nitrosodiphenylamine	15.41	169	411	0.020	ng/ul#	1
69) Phenanthrene	17.05	178	1842	0.049	ng/ul#	72
71) Anthracene	17.14	178	282	0.007	ng/ul#	61
75) Di-n-butylphthalate	17.97	149	2416	0.058	ng/ul#	79
76) Fluoranthene	19.08	202	3231	0.073	ng/ul#	1
79) Pyrene	19.44	202	2409	0.054	ng/ul#	68
80) Butylbenzylphthalate	20.35	149	80	0.004	ng/ul#	1
82) Benzo(a)anthracene	21.20	228	4499	0.097	ng/ul#	88
83) Bis(2-ethylhexyl)phthalate	21.12	149	14955	0.516	ng/ul#	97
84) Chrysene	21.25	228	2004	0.046	ng/ul#	90
86) Di-n-octyl phthalate	21.98	149	215	0.005	ng/ul#	1
87) Benzo(b)fluoranthene	22.77	252	4178	0.095	ng/ul#	50
88) Benzo(k)fluoranthene	22.77	252	4178	0.100	ng/ul#	51
90) Benzo(a)pyrene	23.33	252	1153	0.027	ng/ul#	1

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
Quantitation Report (Not Reviewed)

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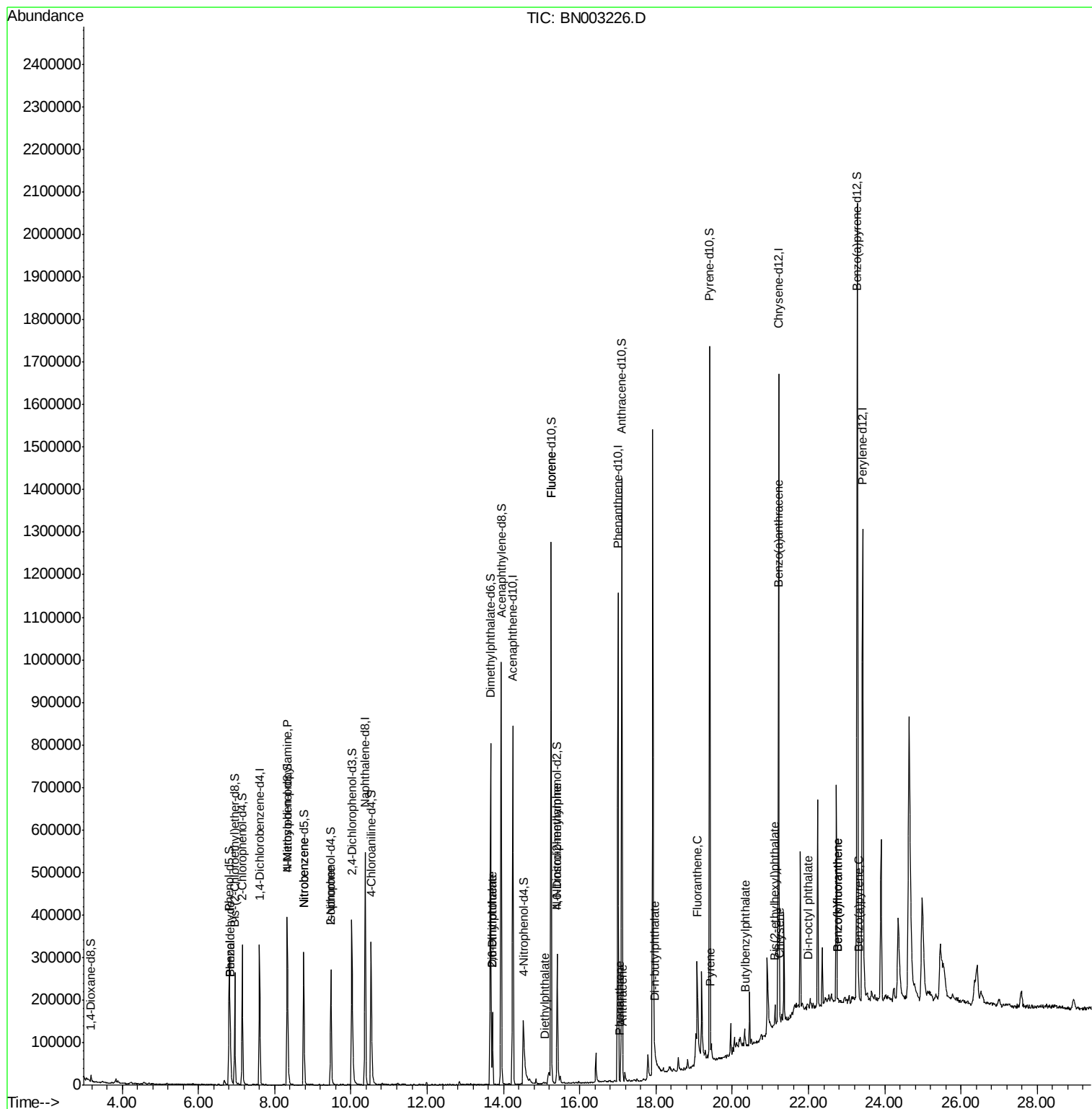
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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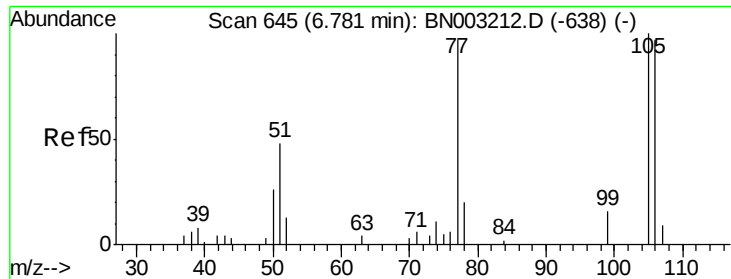
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 0.674 ng/ul

RT: 6.84 min Scan# 655

Delta R.T. 0.06 min

Lab File: BN003226.D

Acq: 20 Oct 2018 02:38

Instrument :

BNA_N

ClientSampleId :

C0AJ0

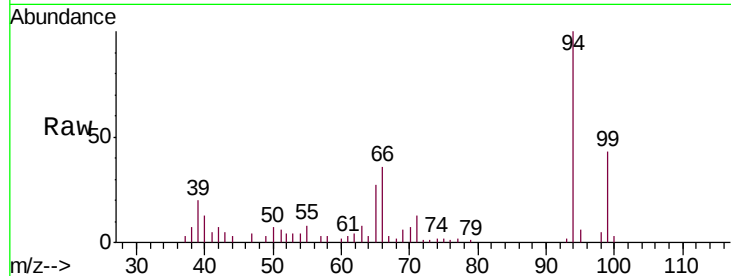
Tgt Ion: 77 Resp: 1047

Ion Ratio Lower Upper

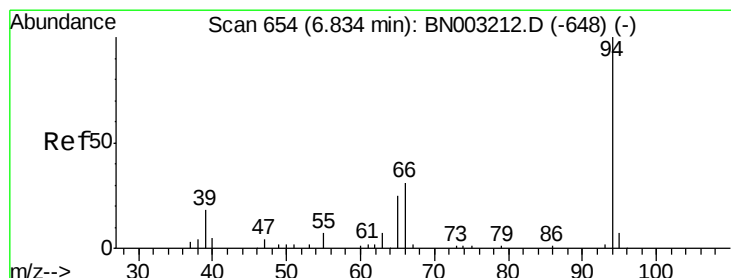
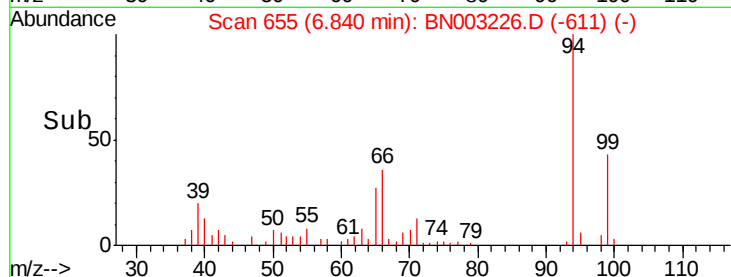
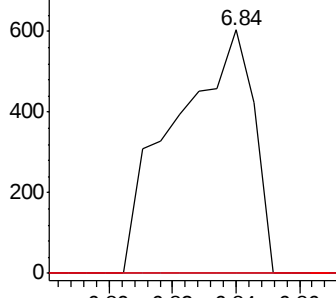
77 100

105 0.0 73.8 110.8#

106 0.0 84.2 126.2#



Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 105.00 (104.70 to 105.70): BNC
Ion 106.00 (105.70 to 106.70): BNC



#6

Phenol

Concen: 7.315 ng/ul

RT: 6.84 min Scan# 655

Delta R.T. 0.01 min

Lab File: BN003226.D

Acq: 20 Oct 2018 02:38

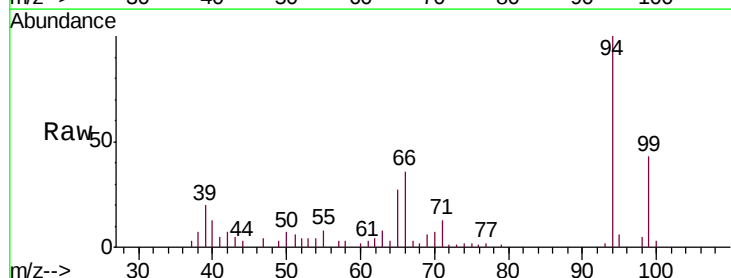
Tgt Ion: 94 Resp: 66030

Ion Ratio Lower Upper

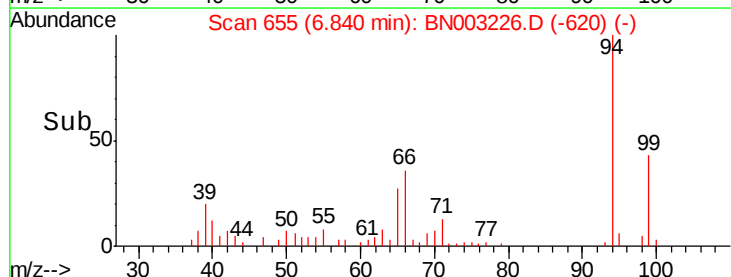
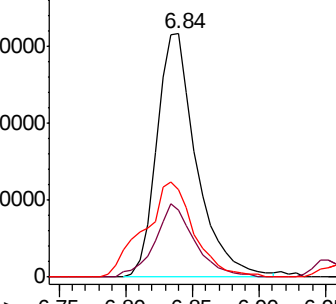
94 100

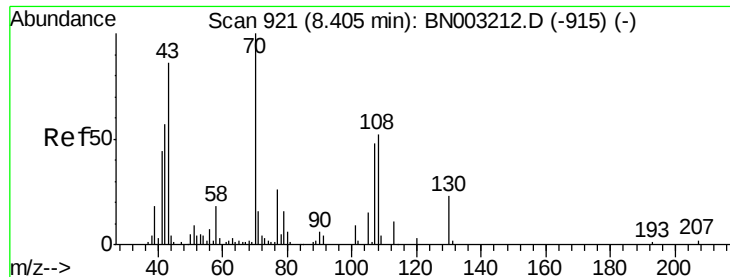
65 27.3 21.2 31.8

66 35.8 27.4 41.2



Abundance Ion 94.00 (93.70 to 94.70): BNC
Ion 65.00 (64.70 to 65.70): BNC
Ion 66.00 (65.70 to 66.70): BNC





#15

N-Nitroso-di-n-propylamine

Concen: 0.692 ng/ul

RT: 8.33 min Scan# 908

Delta R.T. -0.08 min

Lab File: BN003226.D

Acq: 20 Oct 2018 02:38

Instrument :

BNA_N

ClientSampleId :

C0AJ0

Tgt Ion: 70 Resp: 3899

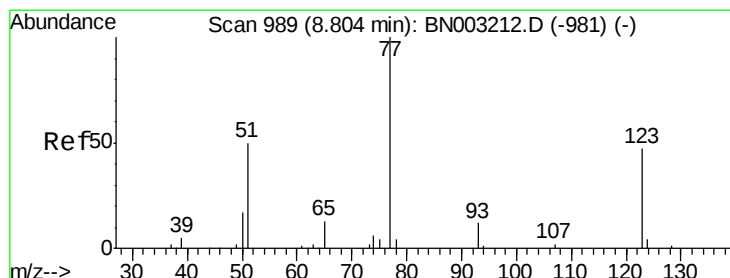
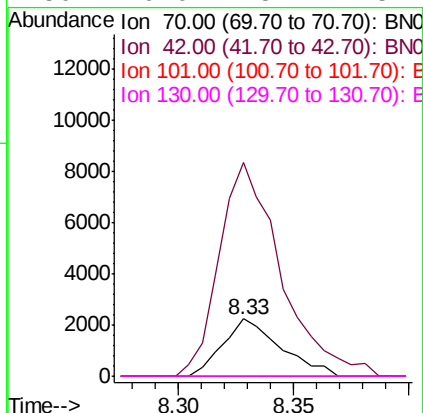
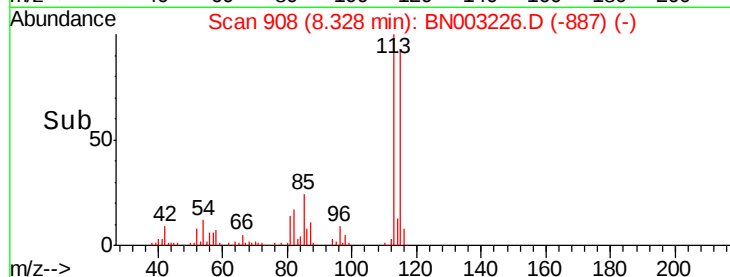
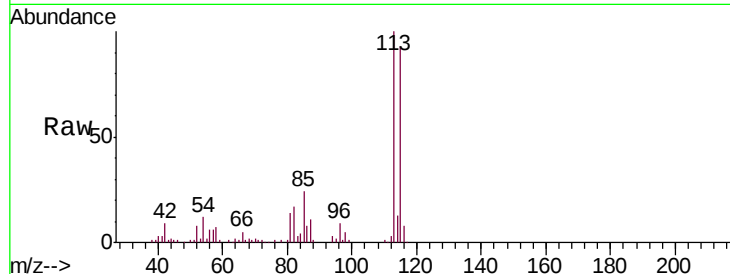
Ion Ratio Lower Upper

70 100

42 370.9 44.5 66.7#

101 0.0 7.9 11.9#

130 0.0 18.7 28.1#



#20

Nitrobenzene

Concen: 0.044 ng/ul

RT: 8.76 min Scan# 982

Delta R.T. -0.04 min

Lab File: BN003226.D

Acq: 20 Oct 2018 02:38

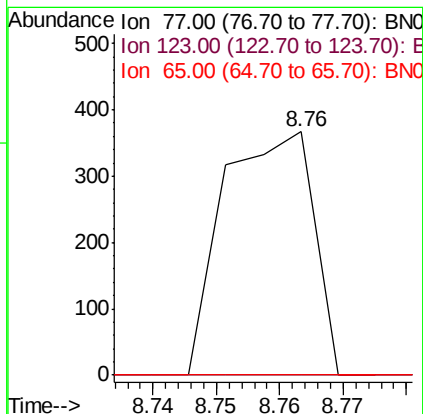
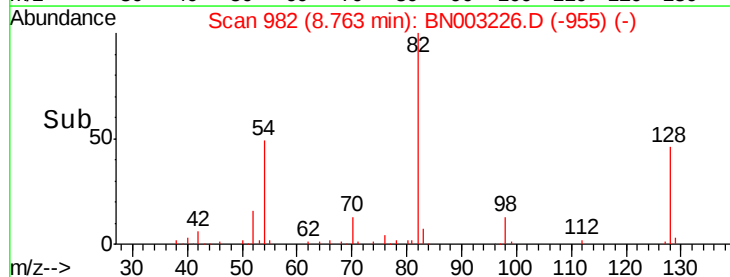
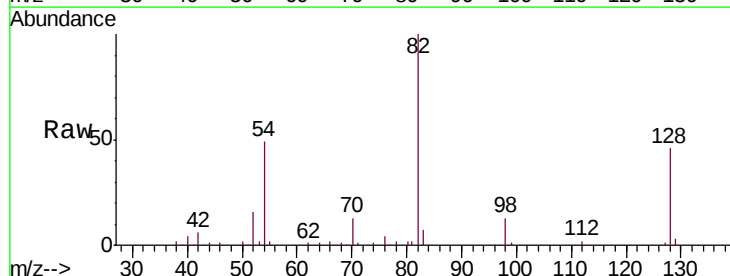
Tgt Ion: 77 Resp: 359

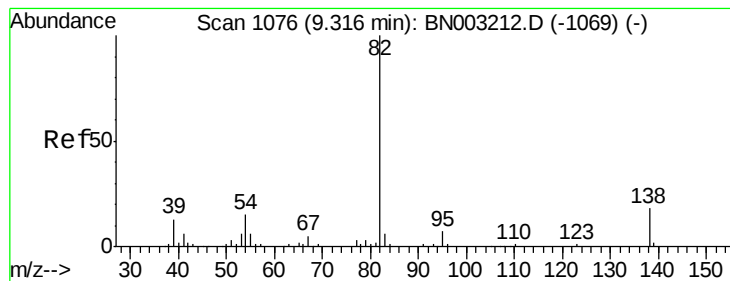
Ion Ratio Lower Upper

77 100

123 0.0 36.9 55.3#

65 0.0 10.2 15.4#





#21

Isophorone

Concen: 0.417 ng/ul

RT: 9.48 min Scan# 1103

Delta R.T. 0.16 min

Lab File: BN003226.D

Acq: 20 Oct 2018 02:38

Instrument :

BNA_N

ClientSampleId :

C0AJ0

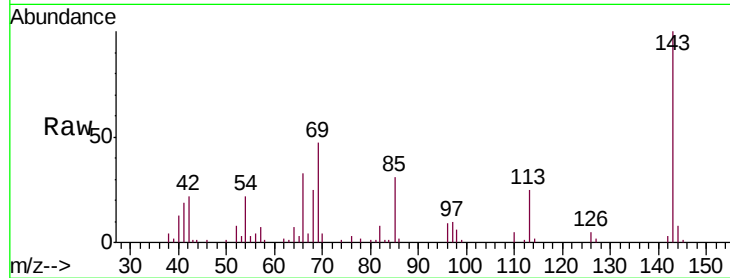
Tgt Ion: 82 Resp: 6789

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 14.5 21.7#

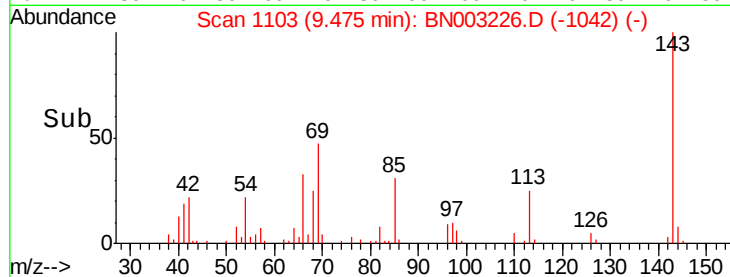


Abundance Ion 82.00 (81.70 to 82.70): BN003212.D (-1069) (-)

Ion 95.00 (94.70 to 95.70): BN003212.D (-1069) (-)

Ion 138.00 (137.70 to 138.70): BN003212.D (-1069) (-)

Time-->

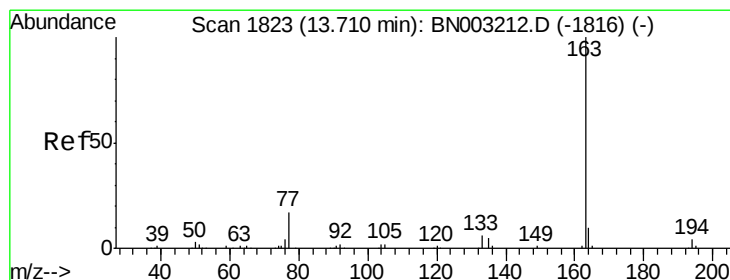


Abundance Ion 82.00 (81.70 to 82.70): BN003226.D (-1042) (-)

Ion 95.00 (94.70 to 95.70): BN003226.D (-1042) (-)

Ion 138.00 (137.70 to 138.70): BN003226.D (-1042) (-)

Time-->



#44

Dimethylphthalate

Concen: 4.827 ng/ul

RT: 13.71 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BN003226.D

Acq: 20 Oct 2018 02:38

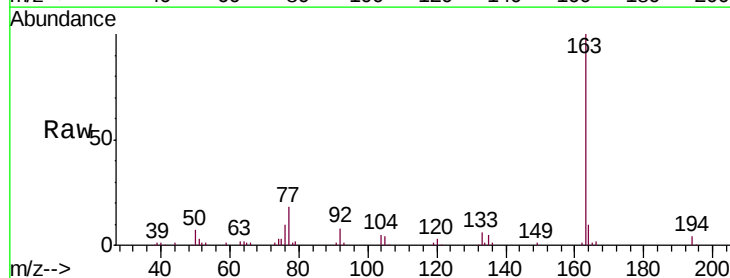
Tgt Ion: 163 Resp: 116147

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

164 10.3 8.3 12.5

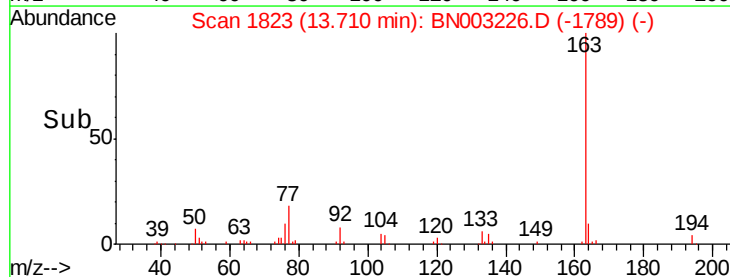


Abundance Ion 163.00 (162.70 to 163.70): BN003212.D (-1816) (-)

Ion 194.00 (193.70 to 194.70): BN003212.D (-1816) (-)

Ion 164.00 (163.70 to 164.70): BN003212.D (-1816) (-)

Time-->

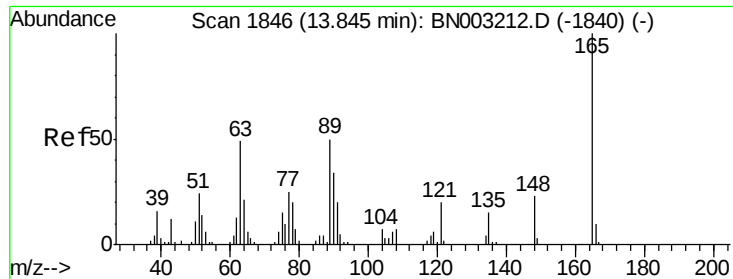


Abundance Ion 163.00 (162.70 to 163.70): BN003226.D (-1789) (-)

Ion 194.00 (193.70 to 194.70): BN003226.D (-1789) (-)

Ion 164.00 (163.70 to 164.70): BN003226.D (-1789) (-)

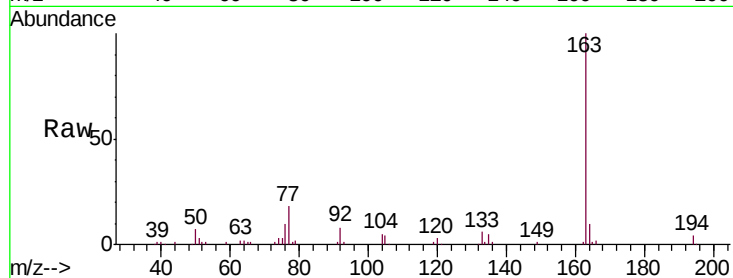
Time-->



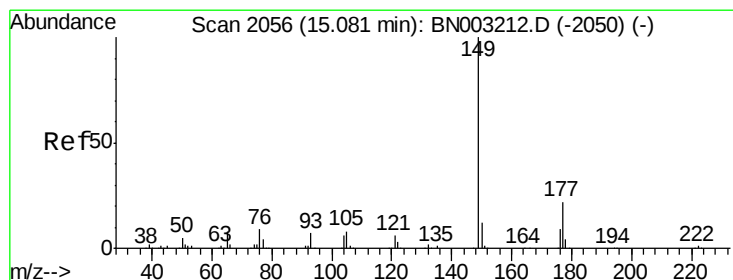
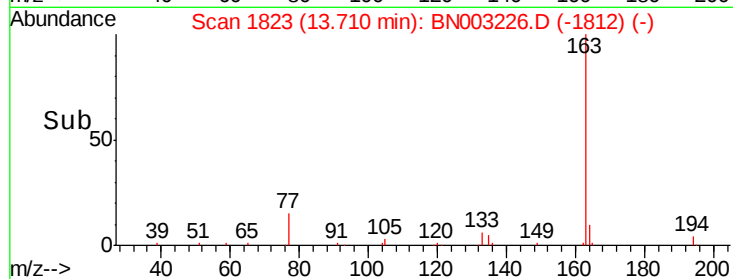
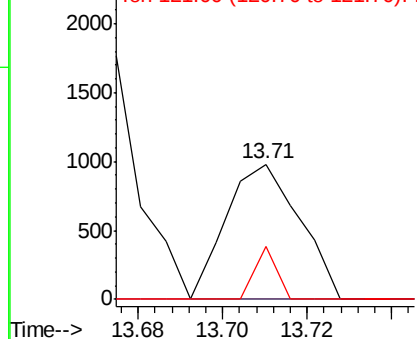
#45
 2,6-Dinitrotoluene
 Concen: 0.247 ng/ul
 RT: 13.71 min Scan# 1823
 Delta R.T. -0.14 min
 Lab File: BN003226.D
 Acq: 20 Oct 2018 02:38

Instrument :
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Tgt Ion:165 Resp: 1190
 Ion Ratio Lower Upper
 165 100
 89 0.0 40.3 60.5#
 121 38.9 15.7 23.5#

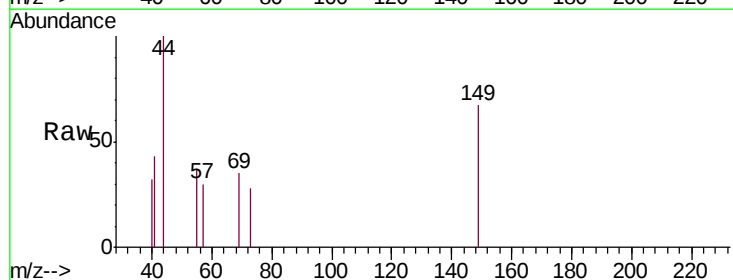


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BNO
 Ion 121.00 (120.70 to 121.70): E

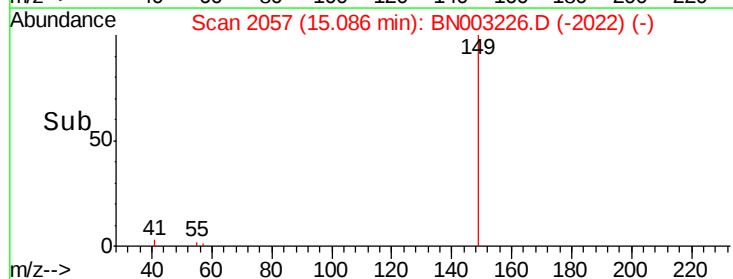
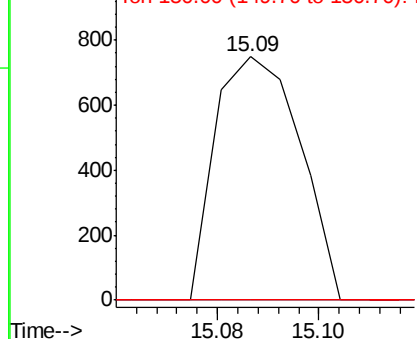


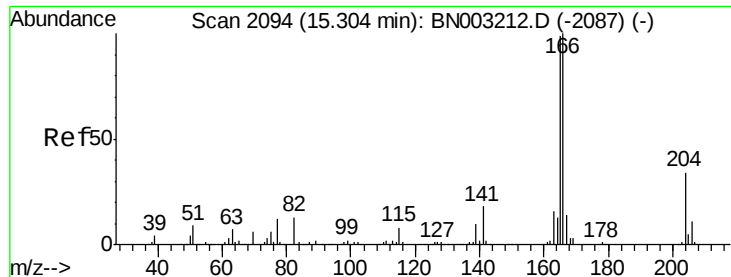
#56
 Diethylphthalate
 Concen: 0.036 ng/ul
 RT: 15.09 min Scan# 2057
 Delta R.T. 0.01 min
 Lab File: BN003226.D
 Acq: 20 Oct 2018 02:38

Tgt Ion:149 Resp: 867
 Ion Ratio Lower Upper
 149 100
 177 0.0 17.3 25.9#
 150 0.0 10.2 15.4#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#58

Fluorene

Concen: 0.046 ng/ul

RT: 15.25 min Scan# 2085

Delta R.T. -0.05 min

Lab File: BN003226.D

Acq: 20 Oct 2018 02:38

Instrument :

BNA_N

ClientSampleId :

C0AJ0

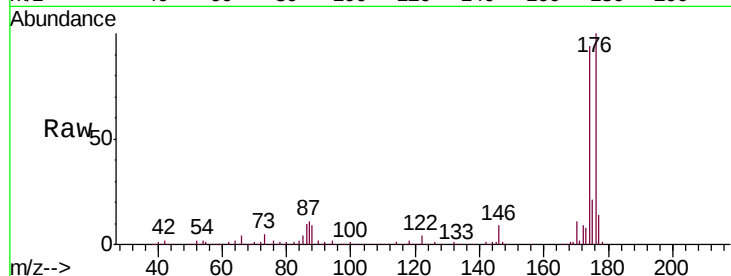
Tgt Ion:166 Resp: 1096

Ion Ratio Lower Upper

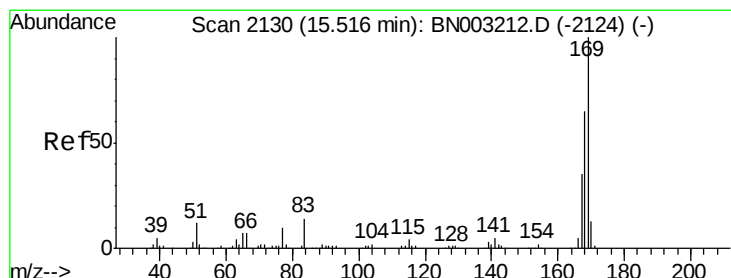
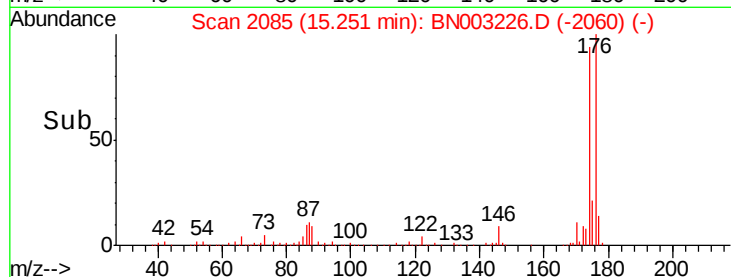
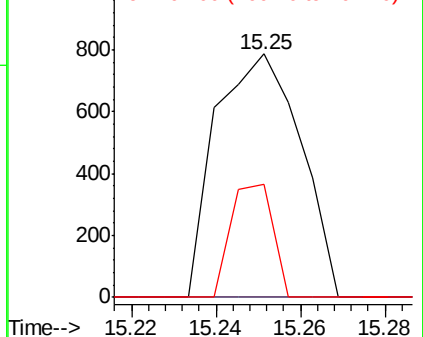
166 100

165 0.0 78.7 118.1#

167 46.4 10.2 15.2#



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: 0.020 ng/ul

RT: 15.41 min Scan# 2112

Delta R.T. -0.11 min

Lab File: BN003226.D

Acq: 20 Oct 2018 02:38

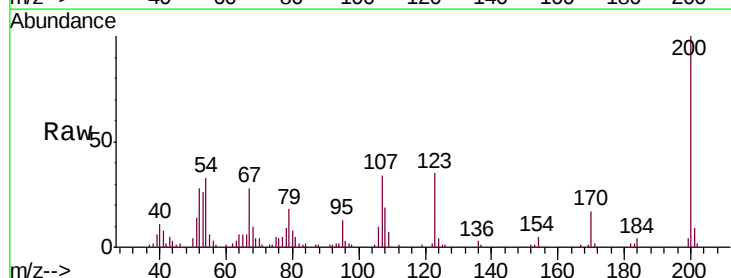
Tgt Ion:169 Resp: 411

Ion Ratio Lower Upper

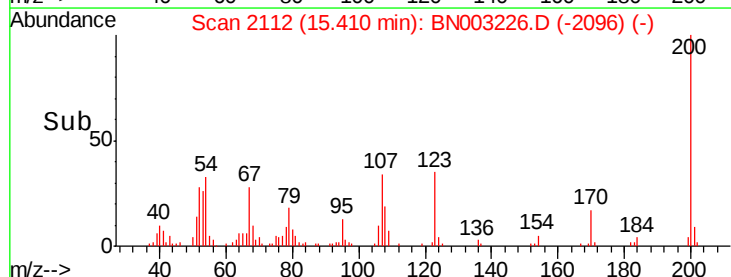
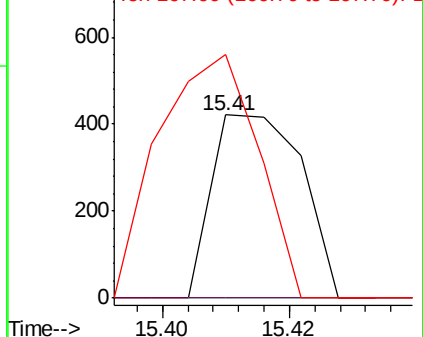
169 100

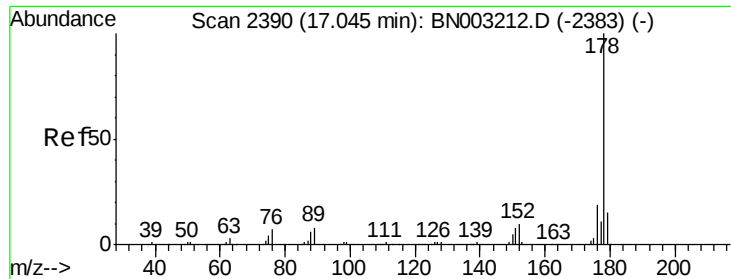
168 0.0 53.1 79.7#

167 133.0 27.4 41.0#



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: 0.049 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BN003226.D

Acq: 20 Oct 2018 02:38

Instrument :

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C0AJ0

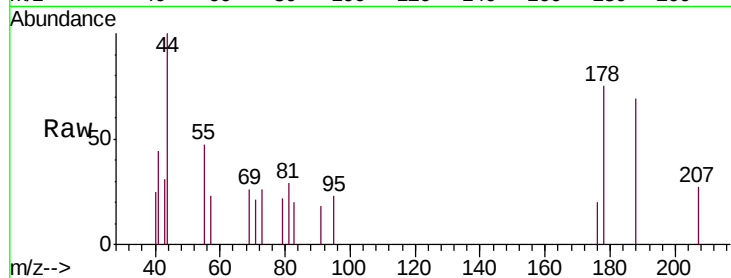
Tgt Ion:178 Resp: 1842

Ion Ratio Lower Upper

178 100

179 0.0 12.6 19.0#

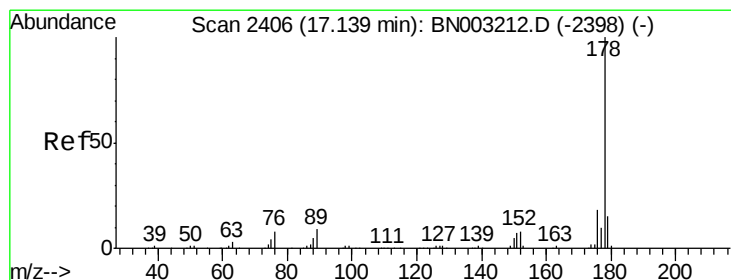
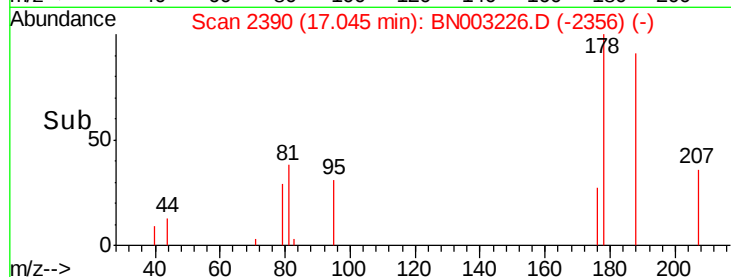
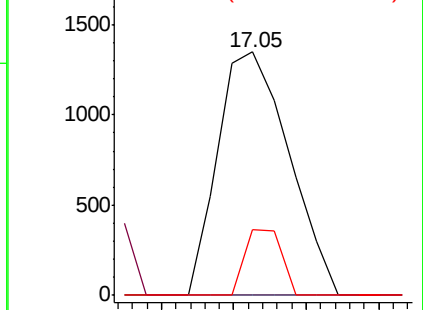
176 27.1 14.7 22.1#



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: 0.007 ng/ul

RT: 17.14 min Scan# 2406

Delta R.T. 0.00 min

Lab File: BN003226.D

Acq: 20 Oct 2018 02:38

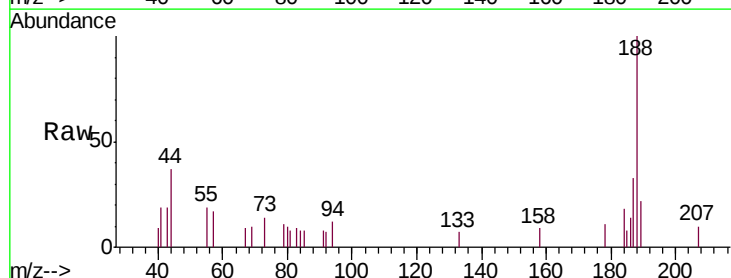
Tgt Ion:178 Resp: 282

Ion Ratio Lower Upper

178 100

179 0.0 12.2 18.4#

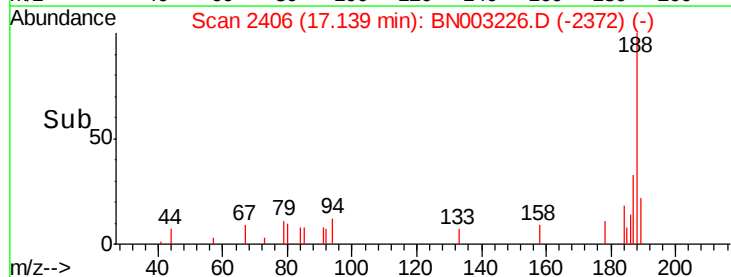
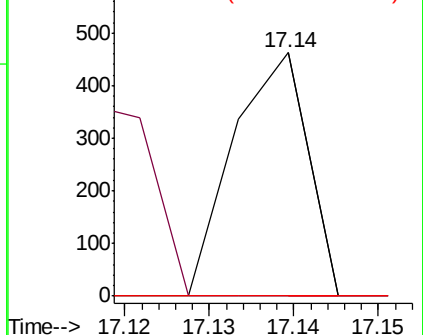
176 0.0 14.9 22.3#

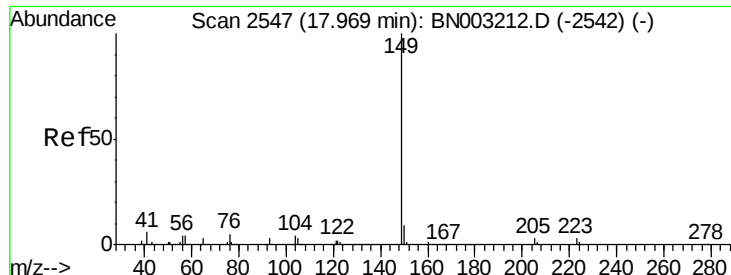


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Di-n-butylphthalate

Concen: 0.058 ng/ul

RT: 17.97 min Scan# 2547

Delta R.T. 0.00 min

Lab File: BN003226.D

Acq: 20 Oct 2018 02:38

Instrument :

BNA_N

ClientSampleId :

C0AJ0

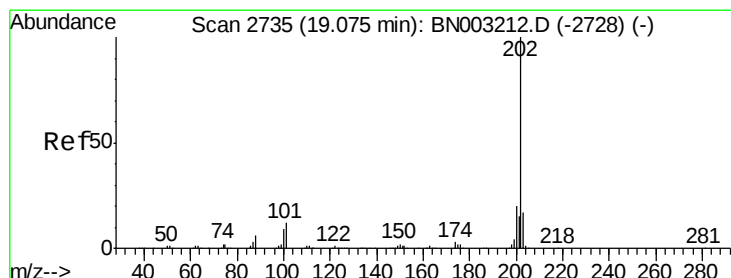
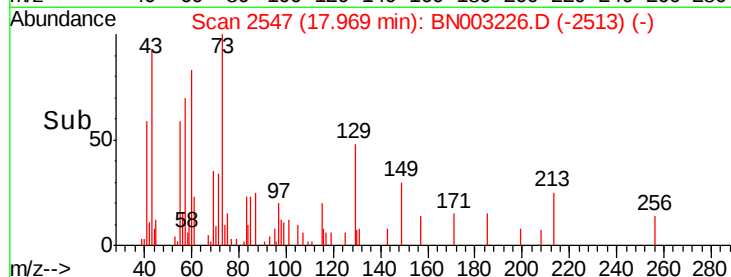
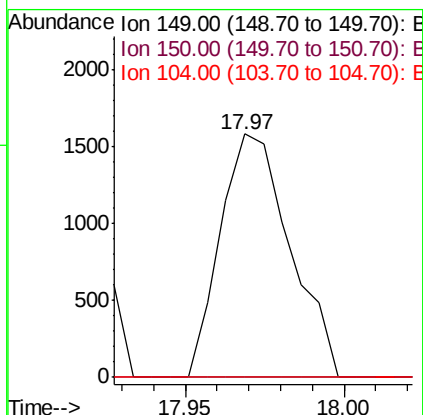
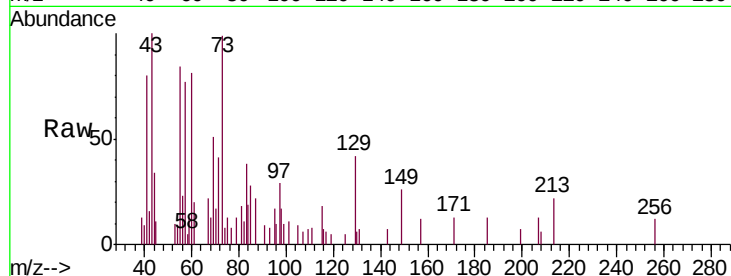
Tgt Ion:149 Resp: 2416

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.0#

104 0.0 3.6 5.4#



#76

Fluoranthene

Concen: 0.073 ng/ul

RT: 19.08 min Scan# 2736

Delta R.T. 0.01 min

Lab File: BN003226.D

Acq: 20 Oct 2018 02:38

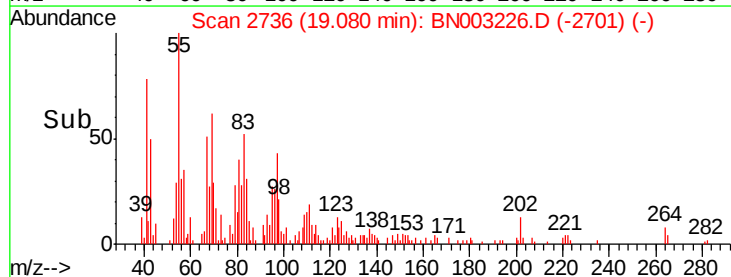
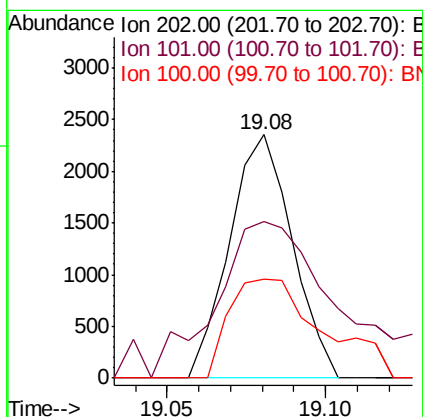
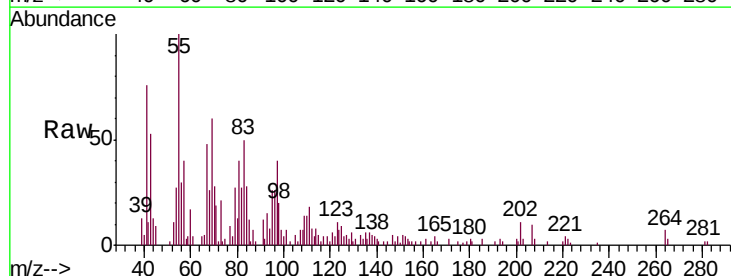
Tgt Ion:202 Resp: 3231

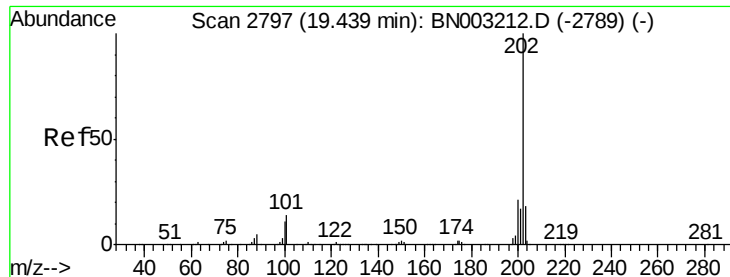
Ion Ratio Lower Upper

202 100

101 64.1 9.4 14.2#

100 40.6 7.2 10.8#





#79

Pyrene

Concen: 0.054 ng/ul

RT: 19.44 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BN003226.D

Acq: 20 Oct 2018 02:38

Instrument :

BNA_N

ClientSampled :

C0AJ0

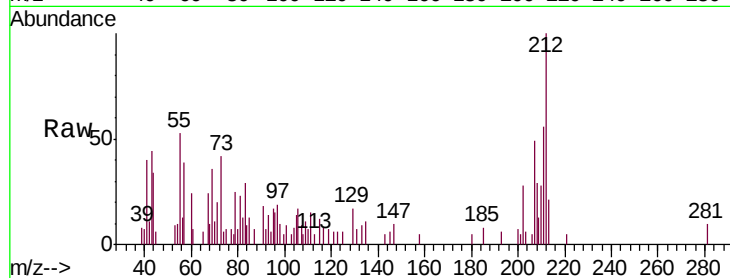
Tgt Ion:202 Resp: 2409

Ion Ratio Lower Upper

202 100

101 30.7 10.8 16.2#

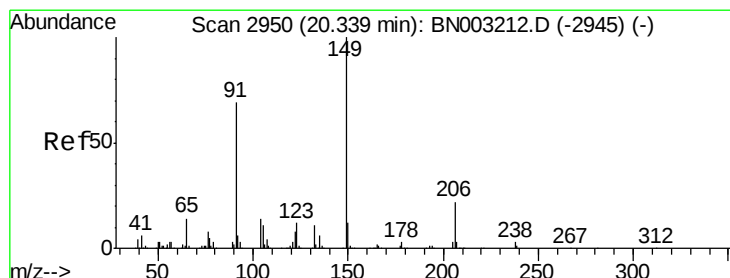
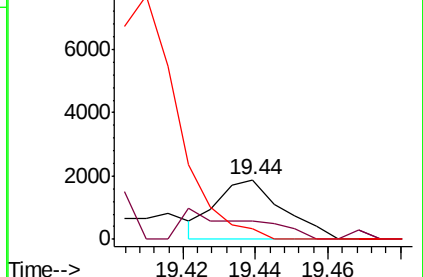
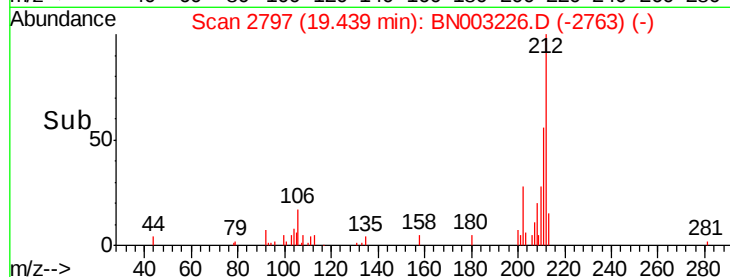
100 17.4 8.6 13.0#



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



#80

Butylbenzylphthalate

Concen: 0.004 ng/ul

RT: 20.35 min Scan# 2952

Delta R.T. 0.01 min

Lab File: BN003226.D

Acq: 20 Oct 2018 02:38

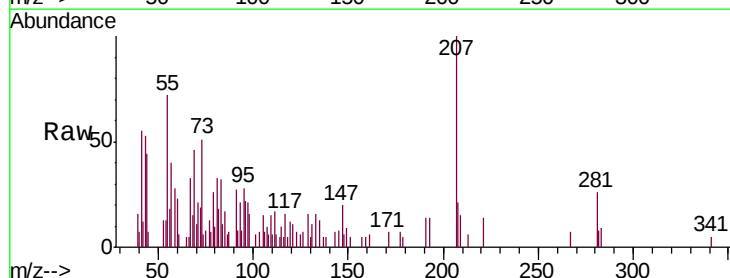
Tgt Ion:149 Resp: 80

Ion Ratio Lower Upper

149 100

91 292.1 53.5 80.3#

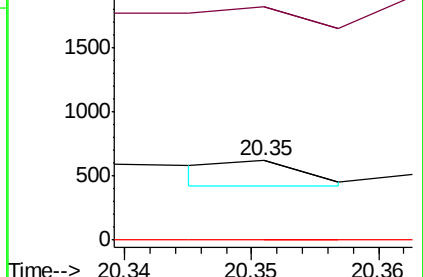
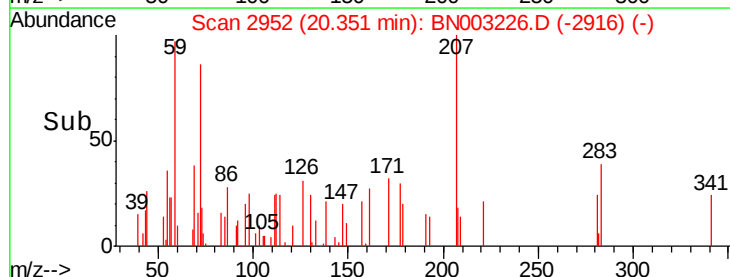
206 0.0 17.0 25.4#

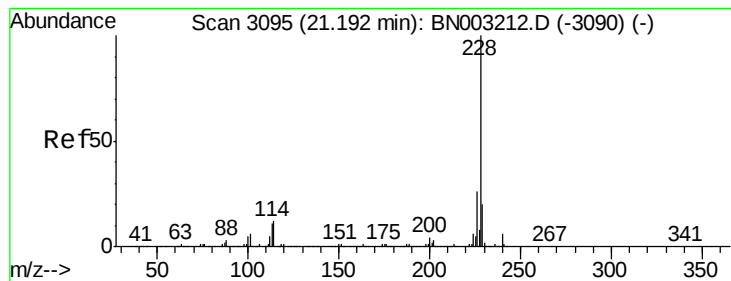


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





#82

Benzo(a)anthracene

Concen: 0.097 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BN003226.D

Acq: 20 Oct 2018 02:38

Instrument :

BNA_N

ClientSampleId :

C0AJ0

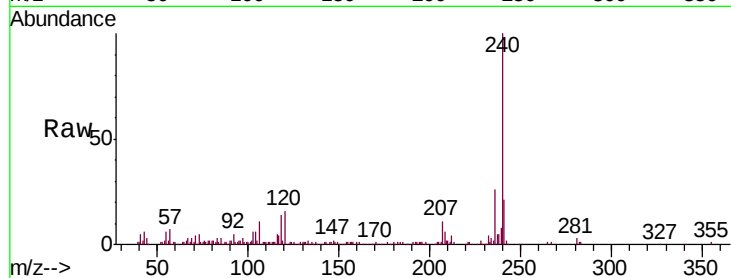
Tgt Ion:228 Resp: 4499

Ion Ratio Lower Upper

228 100

229 25.6 15.4 23.2#

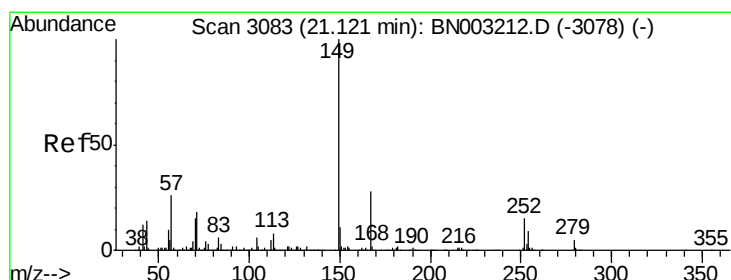
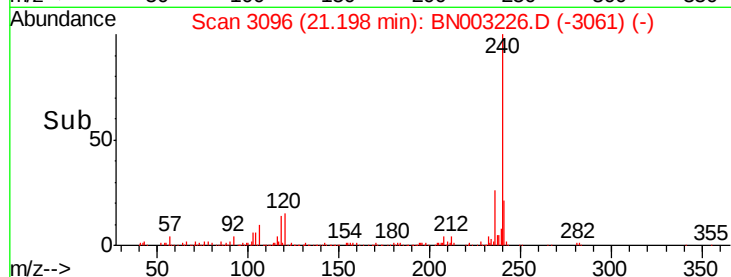
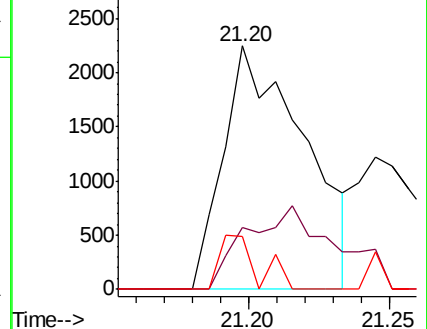
226 21.6 21.4 32.2



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.516 ng/ul

RT: 21.12 min Scan# 3083

Delta R.T. -0.00 min

Lab File: BN003226.D

Acq: 20 Oct 2018 02:38

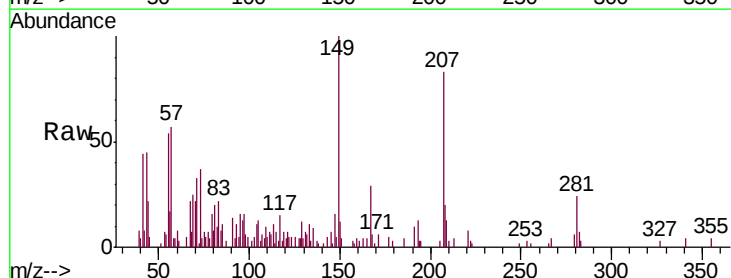
Tgt Ion:149 Resp: 14955

Ion Ratio Lower Upper

149 100

167 29.3 22.4 33.6

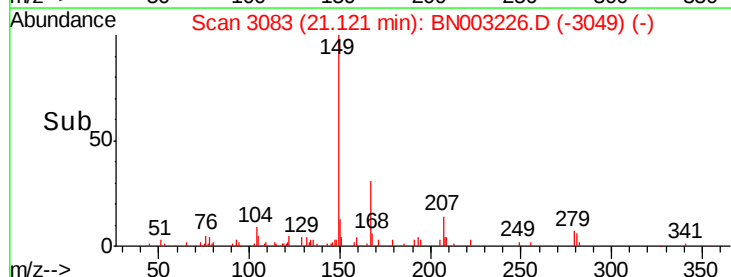
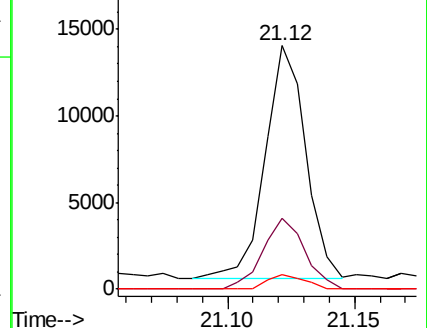
279 6.2 3.7 5.5#

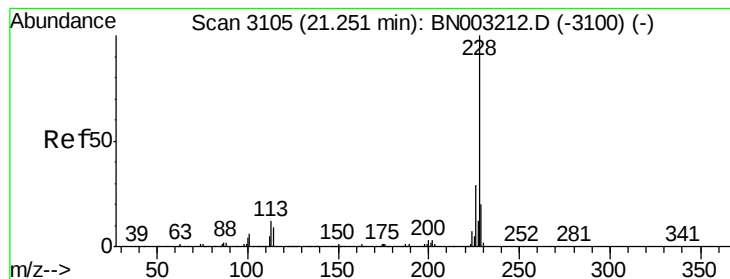


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 0.046 ng/ul

RT: 21.25 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BN003226.D

Acq: 20 Oct 2018 02:38

Instrument :

BNA_N

ClientSampleId :

C0AJ0

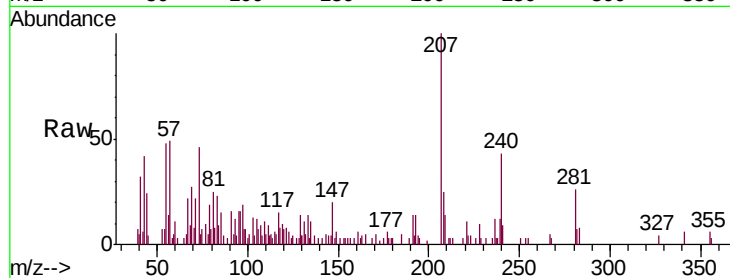
Tgt Ion:228 Resp: 2004

Ion Ratio Lower Upper

228 100

226 28.2 23.1 34.7

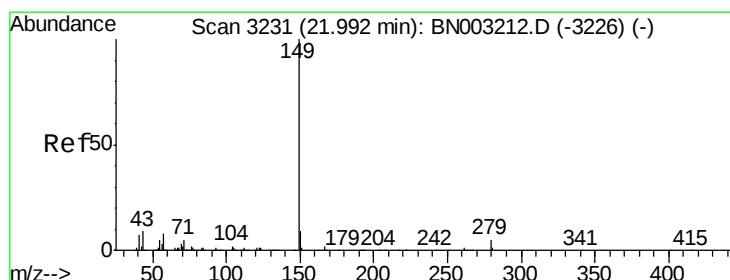
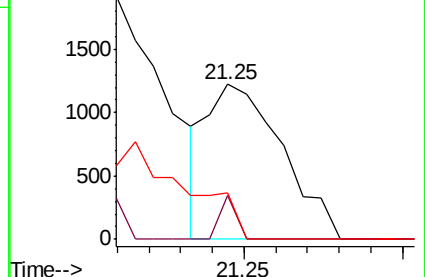
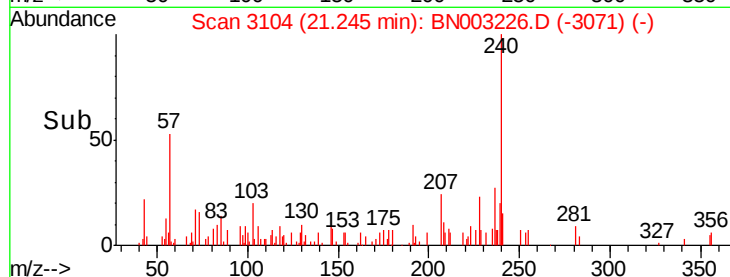
229 30.0 15.7 23.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Di-n-octyl phthalate

Concen: 0.005 ng/ul

RT: 21.98 min Scan# 3229

Delta R.T. -0.01 min

Lab File: BN003226.D

Acq: 20 Oct 2018 02:38

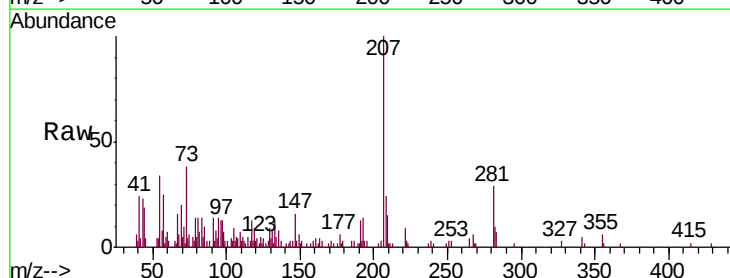
Tgt Ion:149 Resp: 215

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

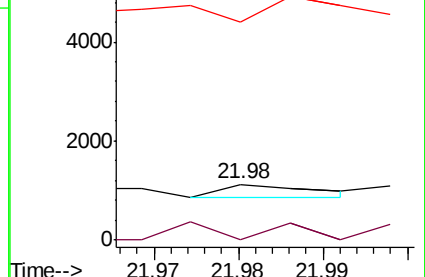
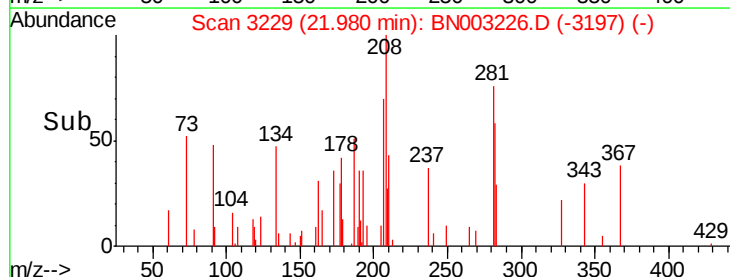
43 390.9 6.8 10.2#

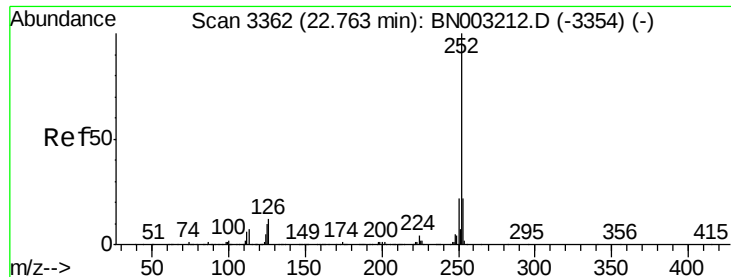


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNO





#87

Benzo(b)fluoranthene

Concen: 0.095 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. 0.01 min

Lab File: BN003226.D

Acq: 20 Oct 2018 02:38

Instrument :

BNA_N

ClientSampleId :

C0AJ0

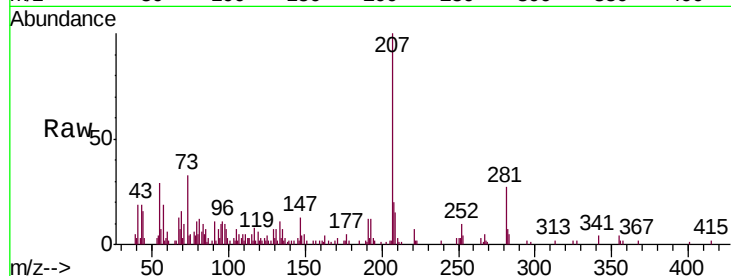
Tgt Ion:252 Resp: 4178

Ion Ratio Lower Upper

252 100

253 41.9 17.4 26.2#

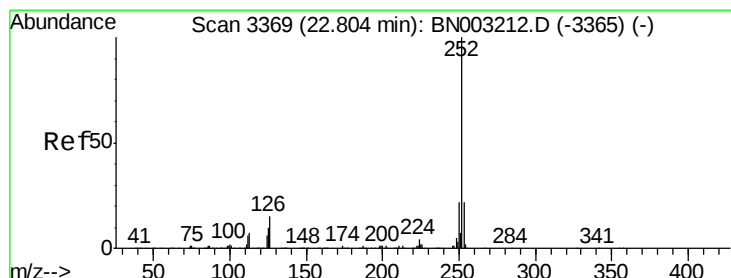
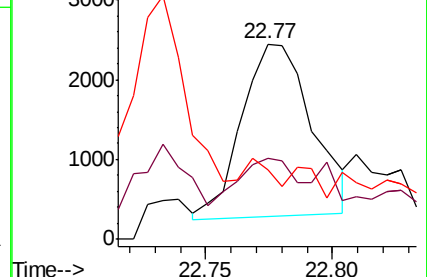
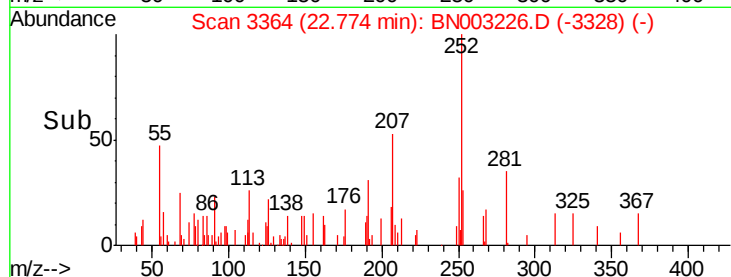
125 35.3 8.7 13.1#



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



#88

Benzo(k)fluoranthene

Concen: 0.100 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. -0.03 min

Lab File: BN003226.D

Acq: 20 Oct 2018 02:38

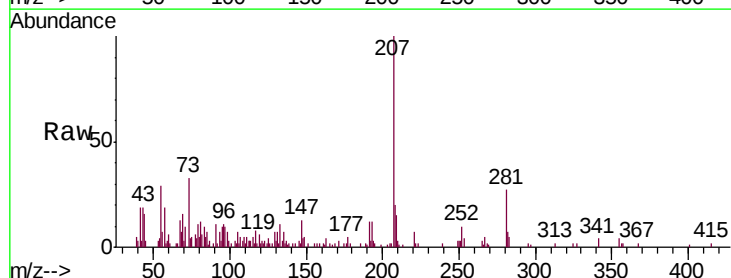
Tgt Ion:252 Resp: 4178

Ion Ratio Lower Upper

252 100

253 41.9 17.8 26.8#

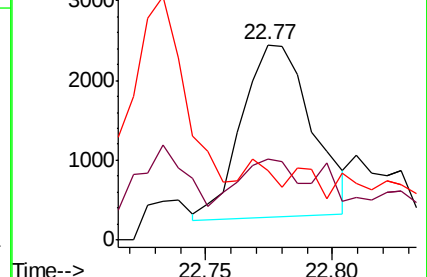
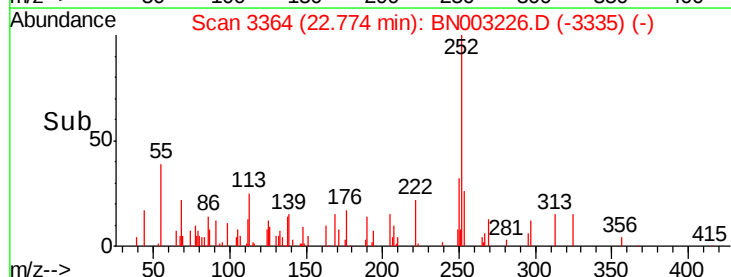
125 35.3 8.2 12.4#

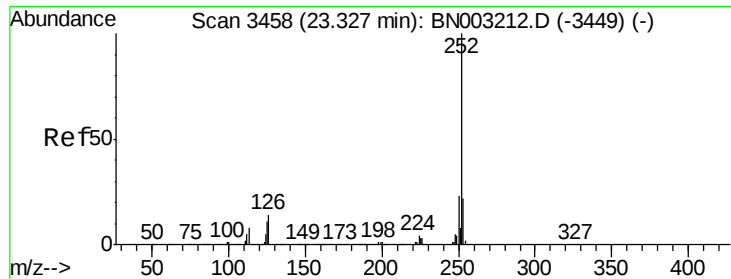


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.027 ng/ul

RT: 23.33 min Scan# 3459

Delta R.T. 0.01 min

Lab File: BN003226.D

Acq: 20 Oct 2018 02:38

Instrument :

BNA_N

ClientSampleId :

C0AJ0

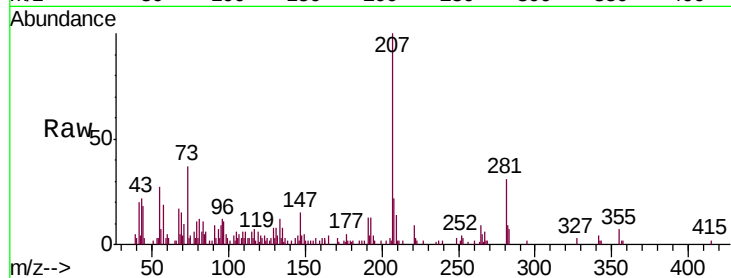
Tgt Ion:252 Resp: 1153

Ion Ratio Lower Upper

252 100

253 70.2 17.5 26.3#

125 77.7 10.0 15.0#



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

