

Data File : BN003223.D
Acq On : 20 Oct 2018 00:52
Operator : MJ/SJ
Sample : J5567-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AH9

Quant Time: Oct 20 05:09:18 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	104638	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	503259	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	311455	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	706988	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	786850	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	764848	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	8833	4.36	ng/uL	0.00
5) Phenol-d5	6.81	99	221049	22.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	136980	23.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	186885	24.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	193714	24.01	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	95364	24.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	115658	25.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	201492	24.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	242472	36.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	637408	24.02	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	829589	25.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	96702	26.44	ng/ul	0.01
57) Fluorene-d10	15.25	176	582006	25.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	100184	21.10	ng/ul	0.00
70) Anthracene-d10	17.10	188	912471	26.07	ng/ul	0.00
78) Pyrene-d10	19.41	212	996509	26.13	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	1062033	25.68	ng/ul	0.00

Target Compounds

					Qvalue	
4) Benzaldehyde	6.83	77	588	0.343	ng/ul#	1
6) Phenol	6.83	94	74930	7.514	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.33	70	4407	0.708	ng/ul#	1
20) Nitrobenzene	8.76	77	624	0.071	ng/ul#	38
21) Isophorone	9.48	82	7694	0.434	ng/ul#	69
44) Dimethylphthalate	13.71	163	148268	5.715	ng/ul	100
45) 2,6-Dinitrotoluene	13.71	165	1896	0.365	ng/ul#	36
56) Diethylphthalate	15.09	149	1290	0.049	ng/ul#	59
58) Fluorene	15.25	166	1018	0.040	ng/ul#	8
64) N-Nitrosodiphenylamine	15.42	169	234	0.011	ng/ul#	25
69) Phenanthrene	17.05	178	351	0.009	ng/ul#	61
71) Anthracene	17.05	178	351	0.009	ng/ul#	61
75) Di-n-butylphthalate	17.97	149	2613	0.060	ng/ul#	79
76) Fluoranthene	19.08	202	1875	0.040	ng/ul#	1
79) Pyrene	19.43	202	1181	0.025	ng/ul#	48
80) Butylbenzylphthalate	20.33	149	217	0.011	ng/ul#	1
82) Benzo(a)anthracene	21.22	228	4096	0.083	ng/ul#	80
83) Bis(2-ethylhexyl)phthalate	21.13	149	16427	0.537	ng/ul	98
84) Chrysene	21.22	228	4096	0.089	ng/ul#	79
86) Di-n-octyl phthalate	21.99	149	371	0.008	ng/ul#	1
87) Benzo(b)fluoranthene	22.77	252	4971	0.107	ng/ul#	59
88) Benzo(k)fluoranthene	22.82	252	1466	0.034	ng/ul#	36
90) Benzo(a)pyrene	23.32	252	1500	0.034	ng/ul#	10

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

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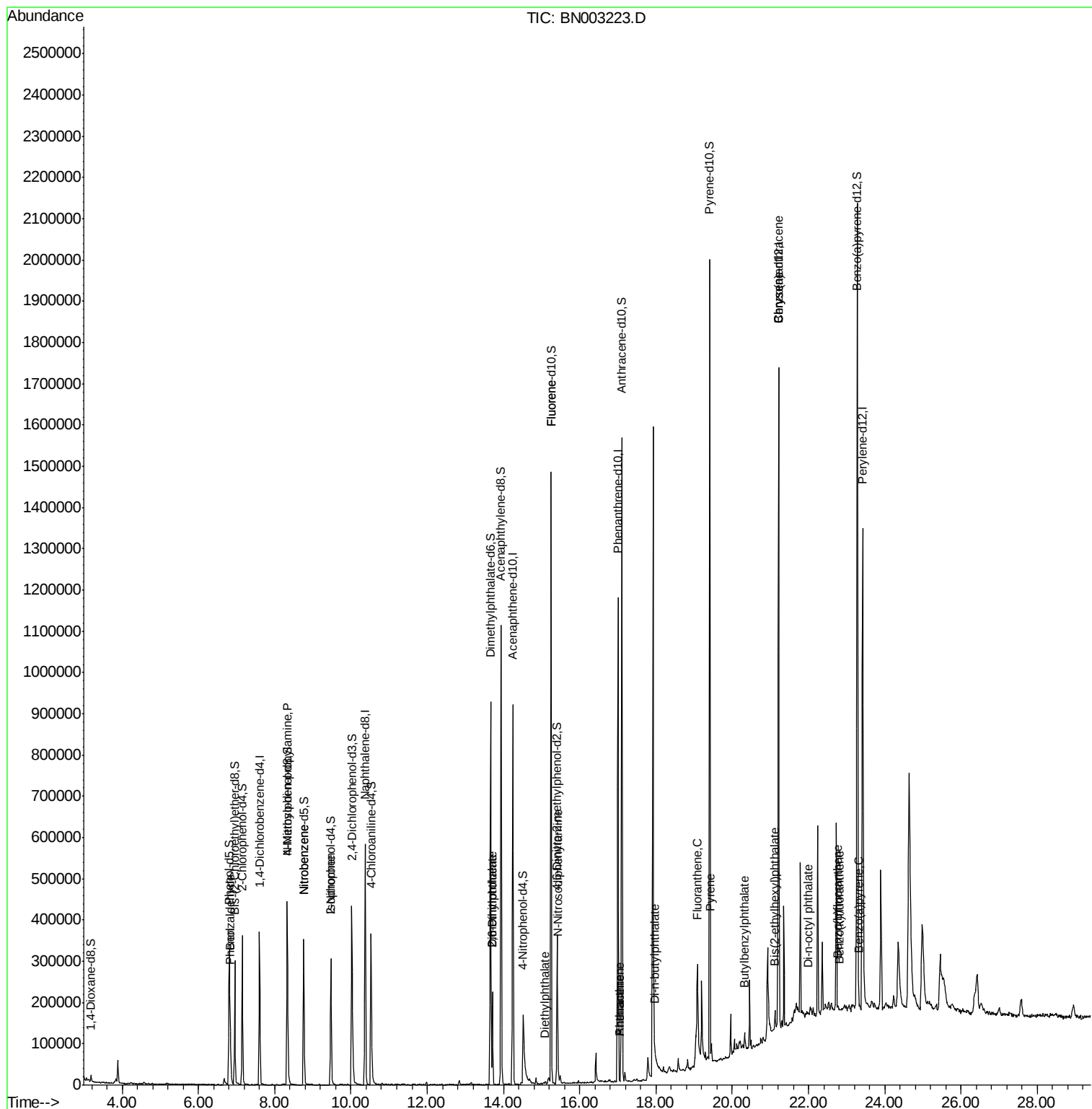
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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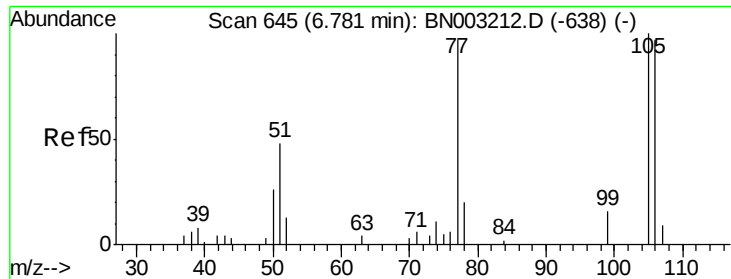
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 0.343 ng/ul

RT: 6.83 min Scan# 653

Delta R.T. 0.05 min

Lab File: BN003223.D

Acq: 20 Oct 2018 00:52

Instrument :

BNA_N

ClientSampleId :

C0AH9

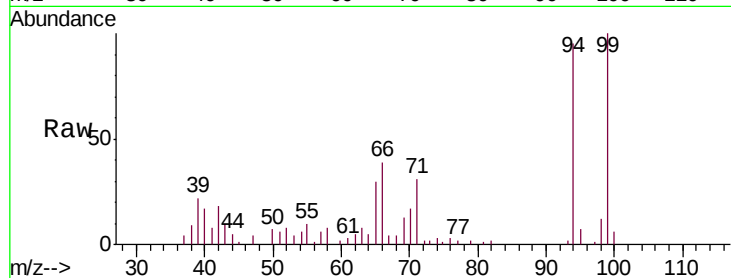
Tgt Ion: 77 Resp: 588

Ion Ratio Lower Upper

77 100

105 0.0 73.8 110.8#

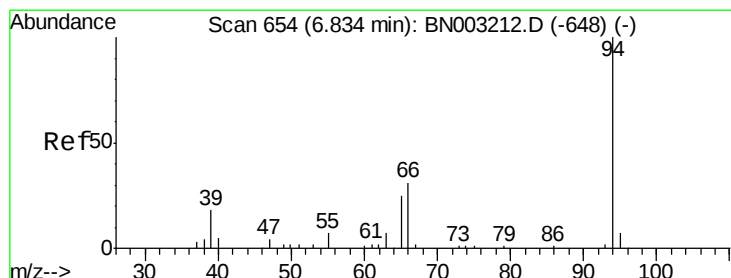
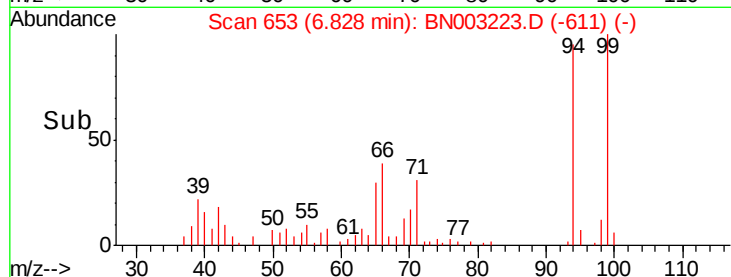
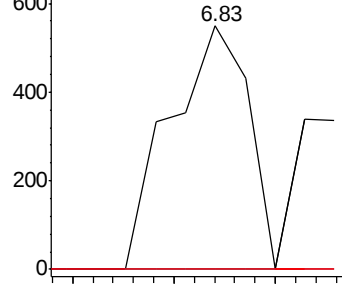
106 0.0 84.2 126.2#



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: 7.514 ng/ul

RT: 6.83 min Scan# 654

Delta R.T. 0.00 min

Lab File: BN003223.D

Acq: 20 Oct 2018 00:52

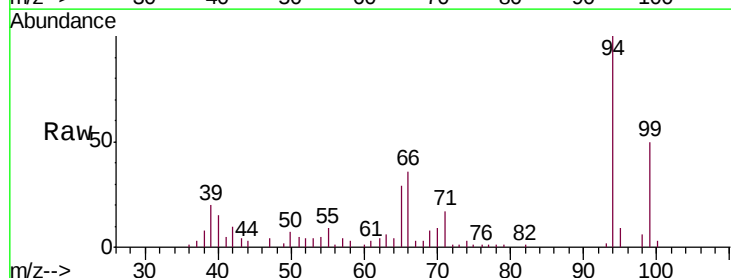
Tgt Ion: 94 Resp: 74930

Ion Ratio Lower Upper

94 100

65 28.7 21.2 31.8

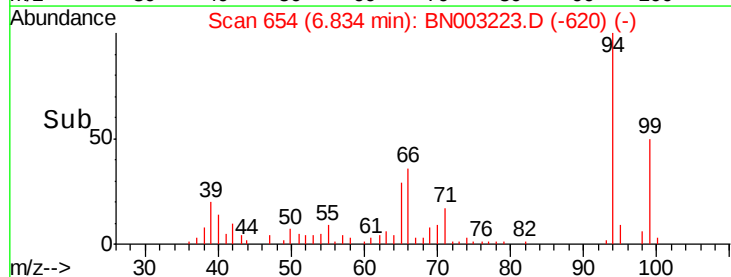
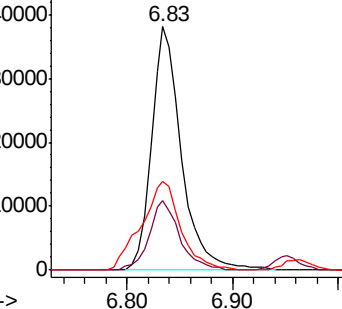
66 36.4 27.4 41.2

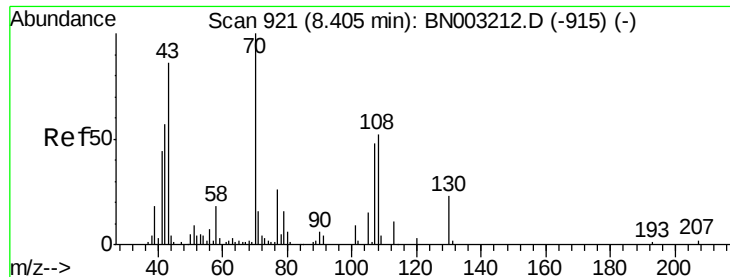


Abundance Ion 94.00 (93.70 to 94.70): BNC

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: 0.708 ng/ul

RT: 8.33 min Scan# 908

Delta R.T. -0.08 min

Lab File: BN003223.D

Acq: 20 Oct 2018 00:52

Instrument :

BNA_N

ClientSampleId :

C0AH9

Tgt Ion: 70 Resp: 4407

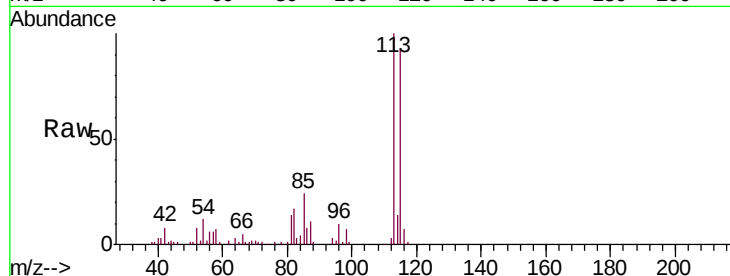
Ion Ratio Lower Upper

70 100

42 355.9 44.5 66.7#

101 0.0 7.9 11.9#

130 0.0 18.7 28.1#

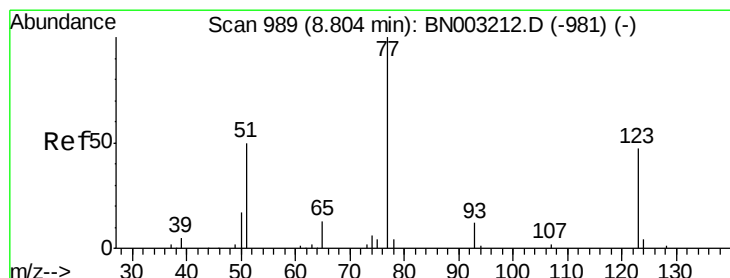
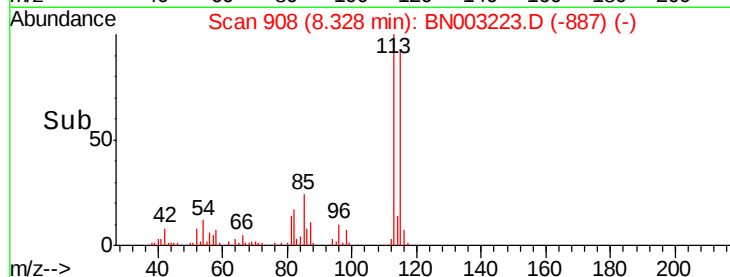
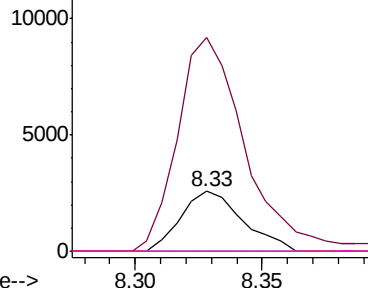


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

Nitrobenzene

Concen: 0.071 ng/ul

RT: 8.76 min Scan# 981

Delta R.T. -0.05 min

Lab File: BN003223.D

Acq: 20 Oct 2018 00:52

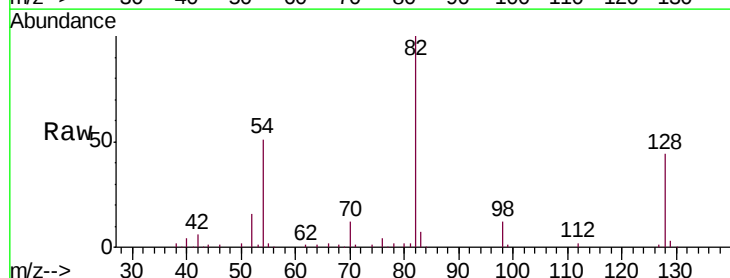
Tgt Ion: 77 Resp: 624

Ion Ratio Lower Upper

77 100

123 0.0 36.9 55.3#

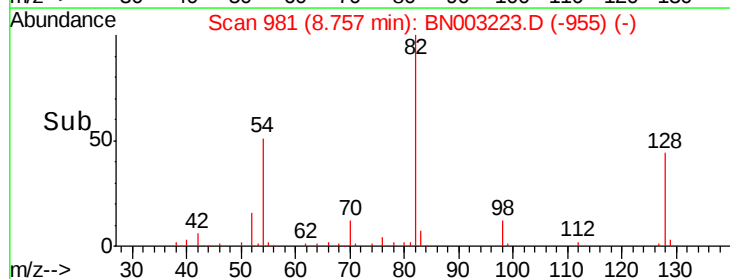
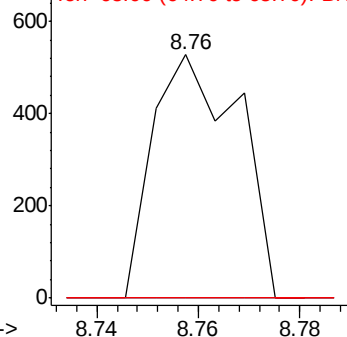
65 0.0 10.2 15.4#

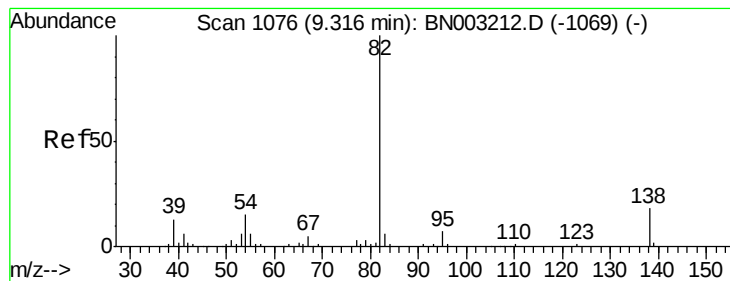


Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BN0





#21

Isophorone

Concen: 0.434 ng/ul

RT: 9.48 min Scan# 1103

Delta R.T. 0.16 min

Lab File: BN003223.D

Acq: 20 Oct 2018 00:52

Instrument :

BNA_N

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C0AH9

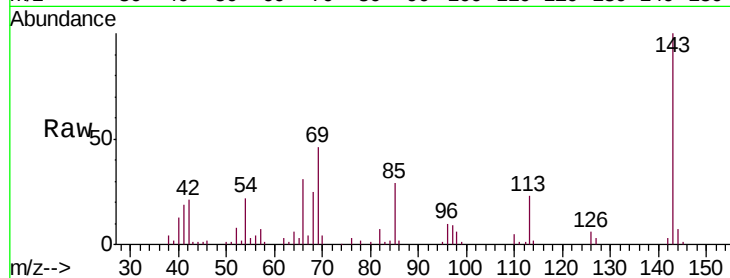
Tgt Ion: 82 Resp: 7694

Ion Ratio Lower Upper

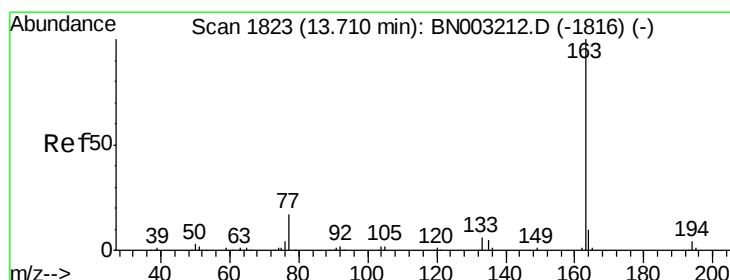
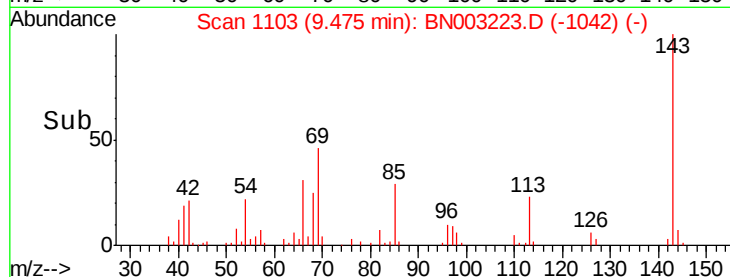
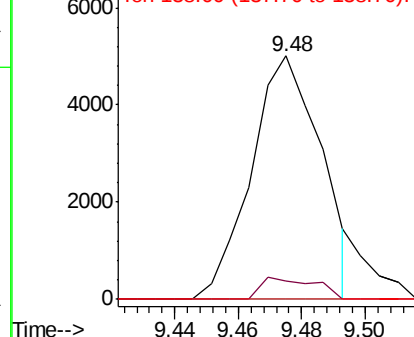
82 100

95 7.6 5.3 7.9

138 0.0 14.5 21.7#



Abundance Ion 82.00 (81.70 to 82.70): BNO
Ion 95.00 (94.70 to 95.70): BNO
Ion 138.00 (137.70 to 138.70): BNO



#44

Dimethylphthalate

Concen: 5.715 ng/ul

RT: 13.71 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BN003223.D

Acq: 20 Oct 2018 00:52

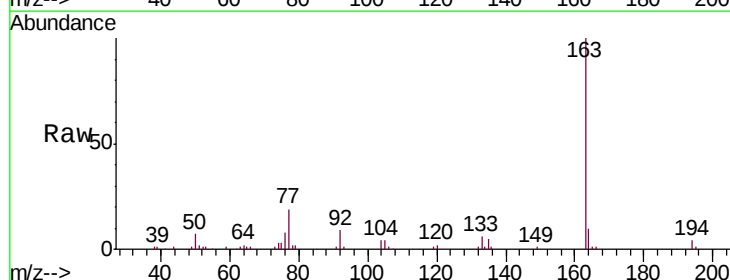
Tgt Ion: 163 Resp: 148268

Ion Ratio Lower Upper

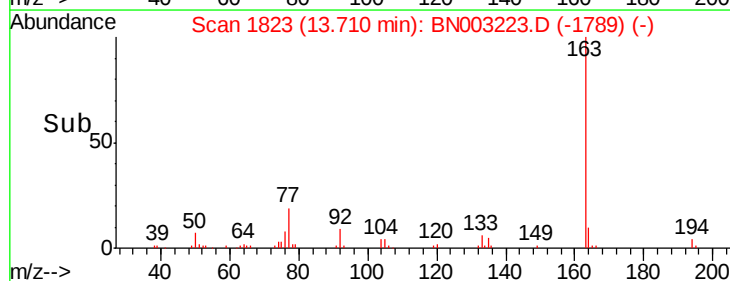
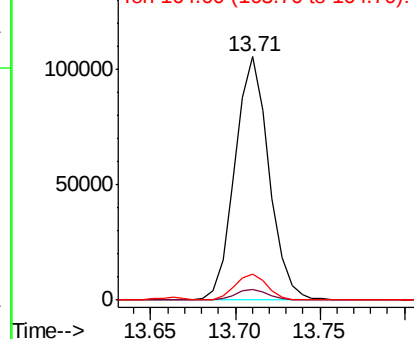
163 100

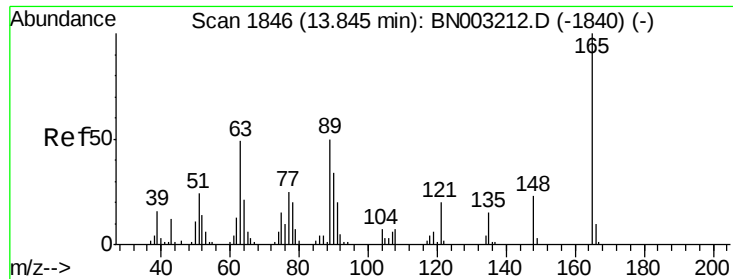
194 4.2 3.7 5.5

164 10.4 8.3 12.5



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

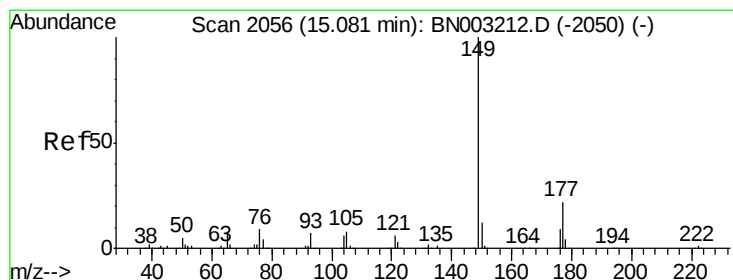
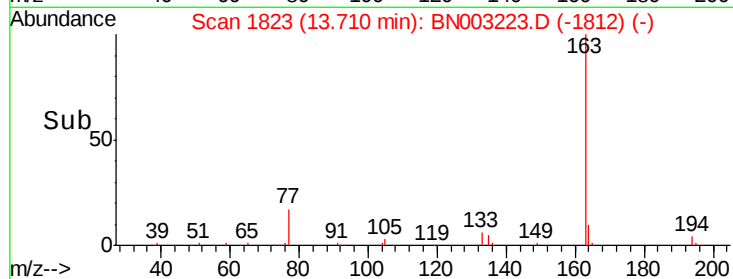
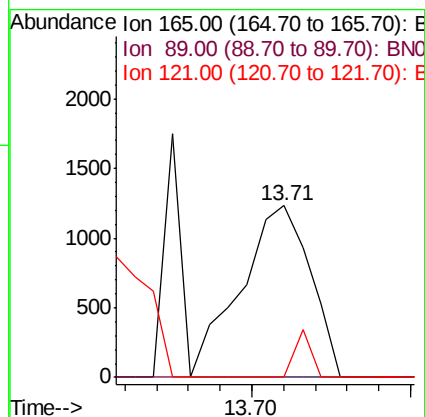
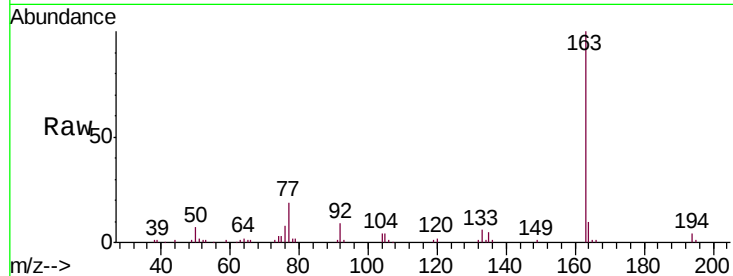




#45
 2,6-Dinitrotoluene
 Concen: 0.365 ng/ul
 RT: 13.71 min Scan# 1823
 Delta R.T. -0.14 min
 Lab File: BN003223.D
 Acq: 20 Oct 2018 00:52

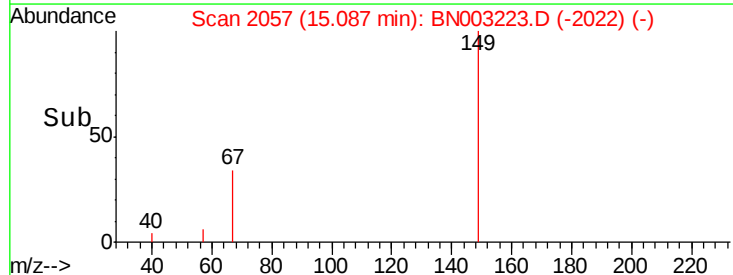
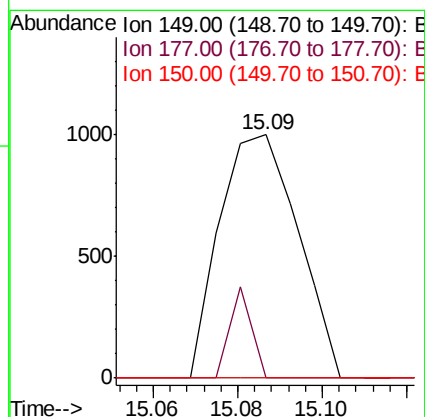
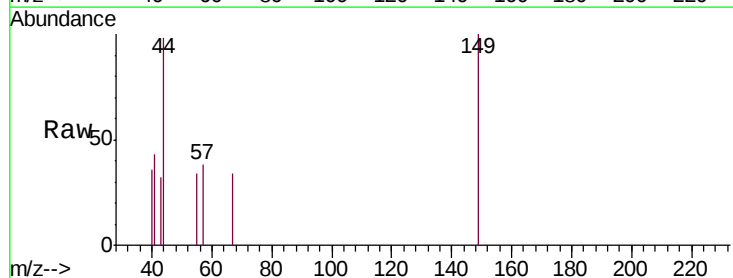
Instrument :
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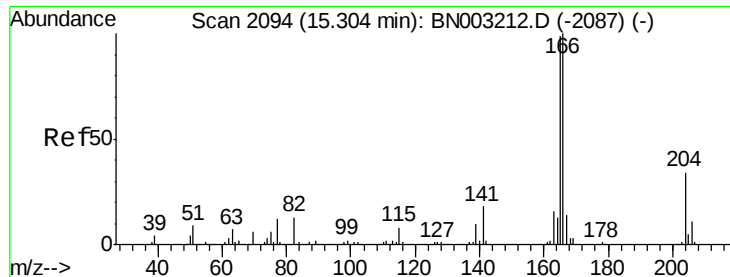
Tgt Ion:165 Resp: 1896
 Ion Ratio Lower Upper
 165 100
 89 0.0 40.3 60.5#
 121 0.0 15.7 23.5#



#56
 Diethylphthalate
 Concen: 0.049 ng/ul
 RT: 15.09 min Scan# 2057
 Delta R.T. 0.01 min
 Lab File: BN003223.D
 Acq: 20 Oct 2018 00:52

Tgt Ion:149 Resp: 1290
 Ion Ratio Lower Upper
 149 100
 177 0.0 17.3 25.9#
 150 0.0 10.2 15.4#





#58

Fluorene

Concen: 0.040 ng/ul

RT: 15.25 min Scan# 2084

Delta R.T. -0.06 min

Lab File: BN003223.D

Acq: 20 Oct 2018 00:52

Instrument :

BNA_N

ClientSampleId :

C0AH9

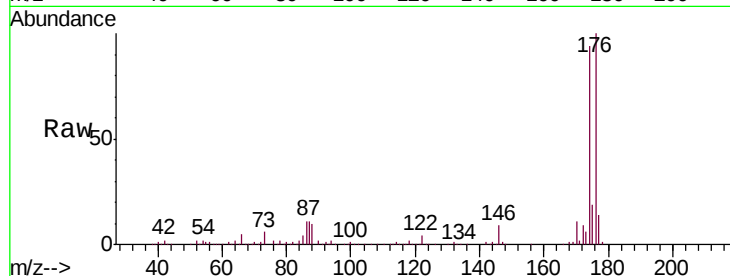
Tgt Ion:166 Resp: 1018

Ion Ratio Lower Upper

166 100

165 0.0 78.7 118.1#

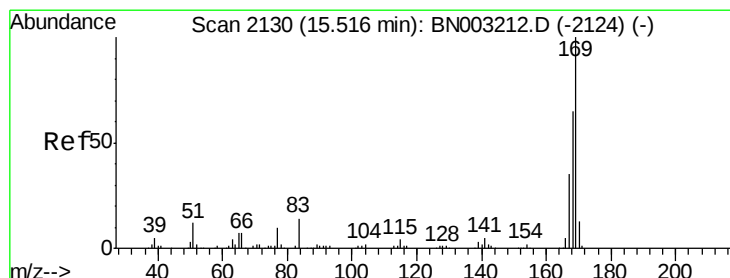
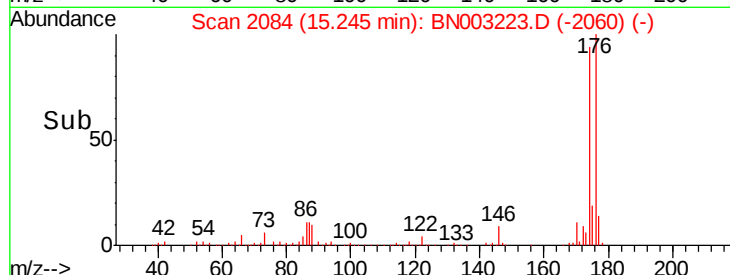
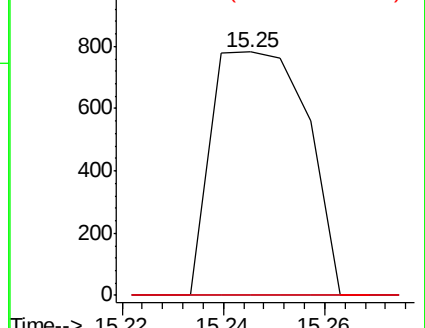
167 0.0 10.2 15.2#



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: 0.011 ng/ul

RT: 15.42 min Scan# 2114

Delta R.T. -0.09 min

Lab File: BN003223.D

Acq: 20 Oct 2018 00:52

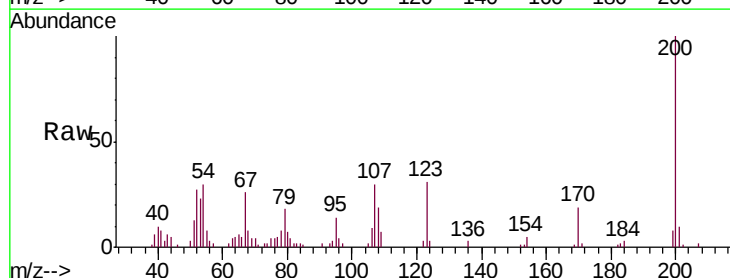
Tgt Ion:169 Resp: 234

Ion Ratio Lower Upper

169 100

168 0.0 53.1 79.7#

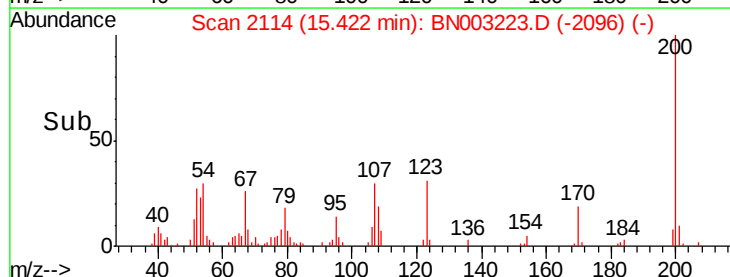
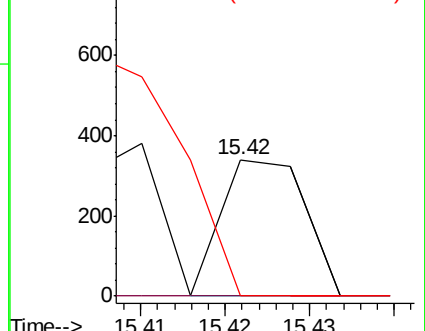
167 0.0 27.4 41.0#

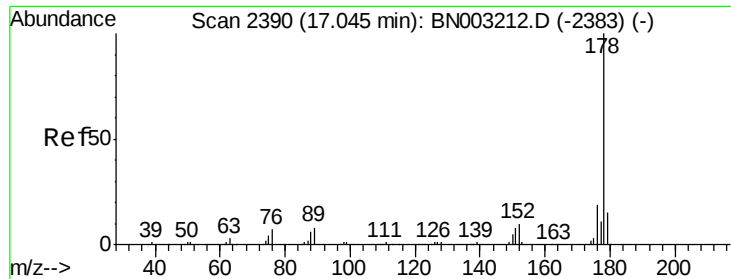


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 0.009 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BN003223.D

Acq: 20 Oct 2018 00:52

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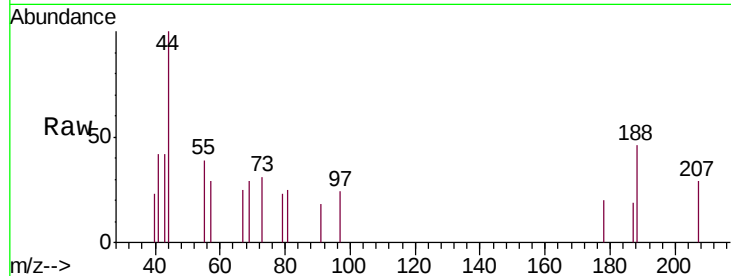
Tgt Ion:178 Resp: 351

Ion Ratio Lower Upper

178 100

179 0.0 12.6 19.0#

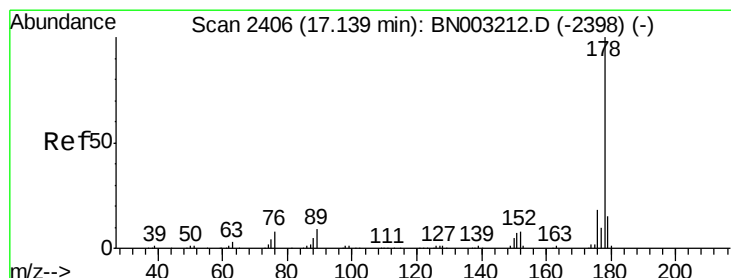
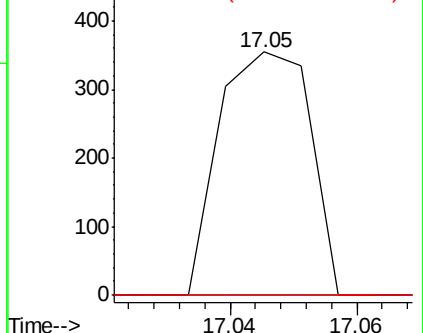
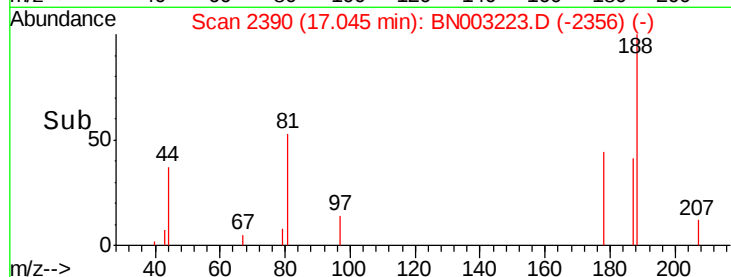
176 0.0 14.7 22.1#



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: 0.009 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. -0.09 min

Lab File: BN003223.D

Acq: 20 Oct 2018 00:52

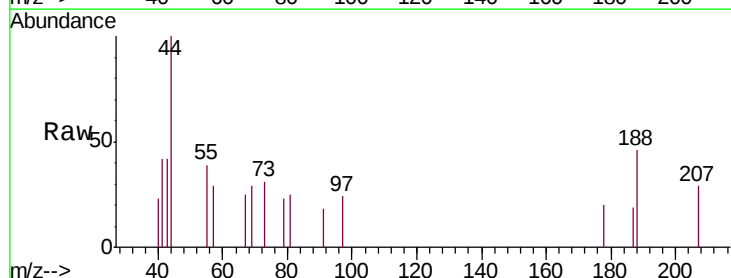
Tgt Ion:178 Resp: 351

Ion Ratio Lower Upper

178 100

179 0.0 12.2 18.4#

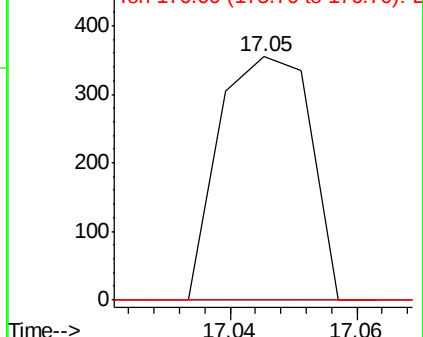
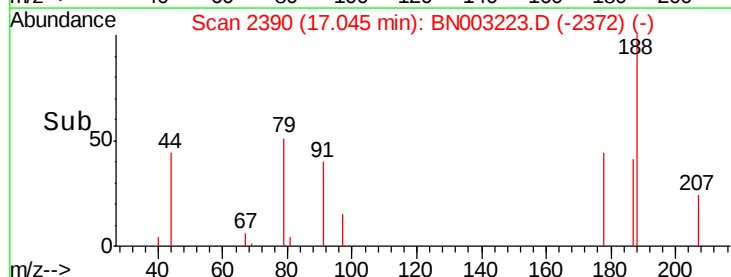
176 0.0 14.9 22.3#

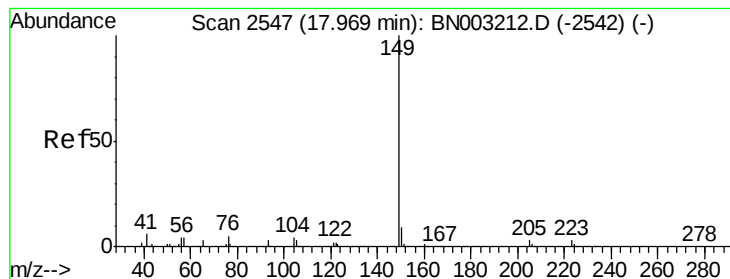


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Di-n-butylphthalate

Concen: 0.060 ng/ul

RT: 17.97 min Scan# 2548

Delta R.T. 0.01 min

Lab File: BN003223.D

Acq: 20 Oct 2018 00:52

Instrument :

BNA_N

ClientSampleId :

C0AH9

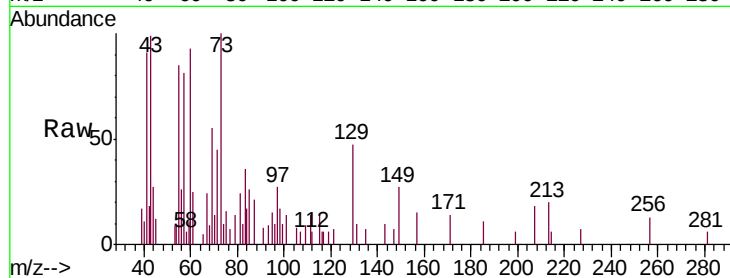
Tgt Ion:149 Resp: 2613

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.0#

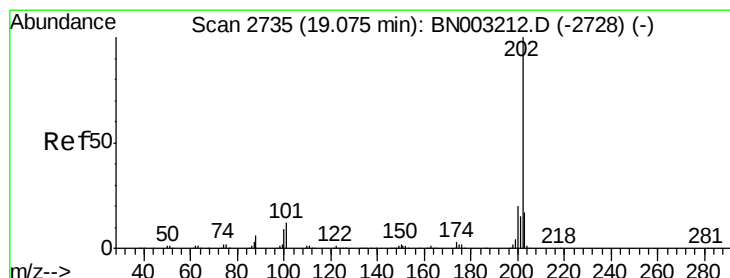
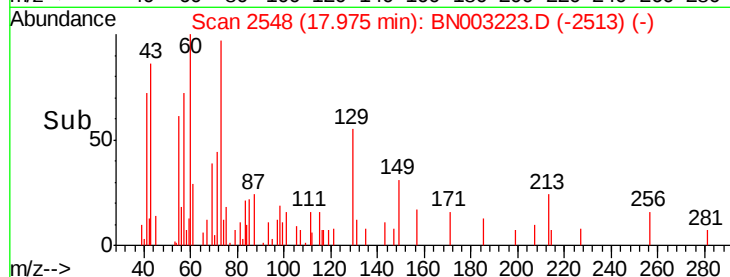
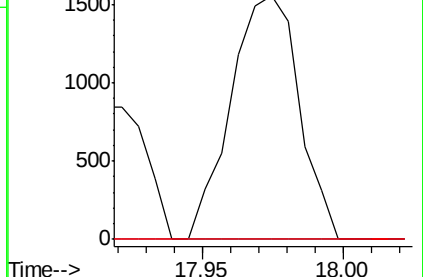
104 0.0 3.6 5.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76

Fluoranthene

Concen: 0.040 ng/ul

RT: 19.08 min Scan# 2736

Delta R.T. 0.01 min

Lab File: BN003223.D

Acq: 20 Oct 2018 00:52

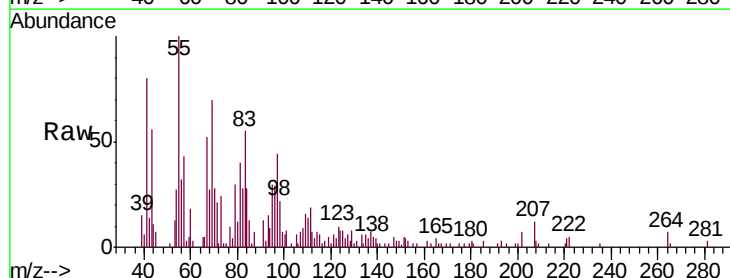
Tgt Ion:202 Resp: 1875

Ion Ratio Lower Upper

202 100

101 106.6 9.4 14.2#

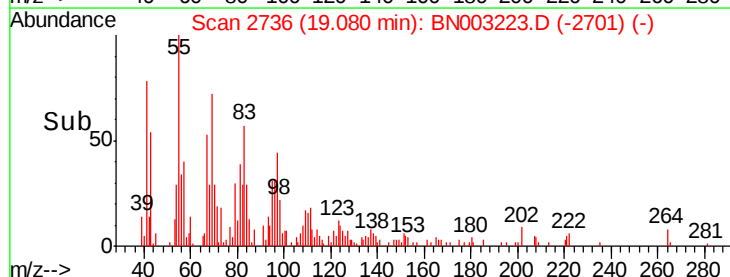
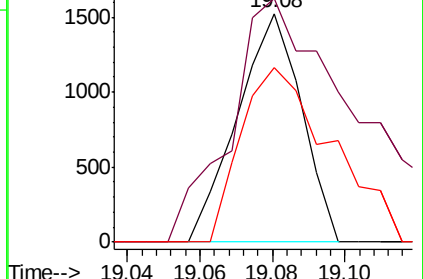
100 76.6 7.2 10.8#

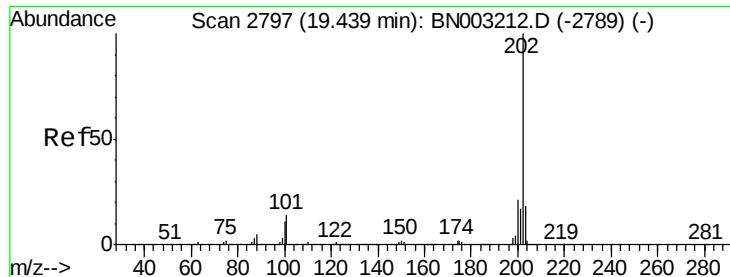


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

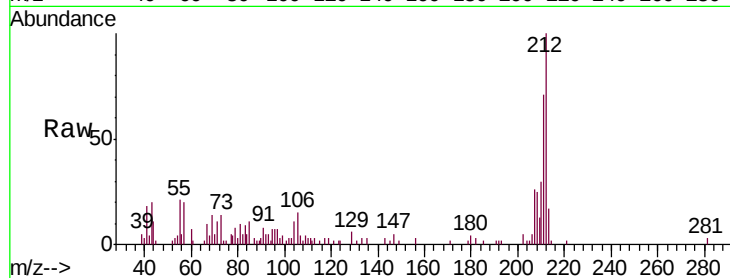




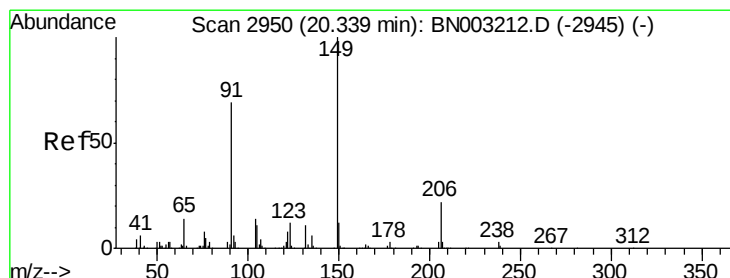
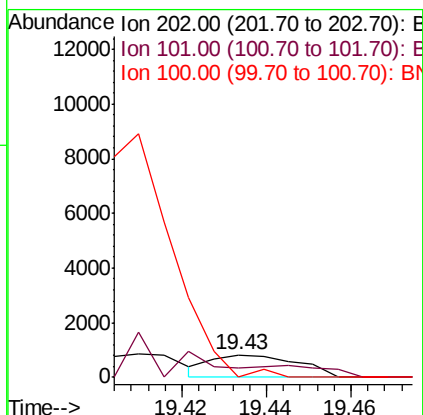
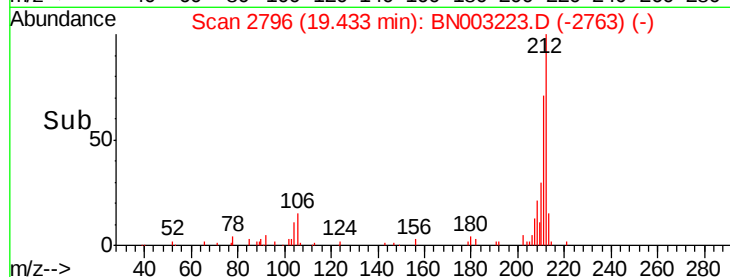
#79
Pyrene
Concen: 0.025 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BN003223.D
Acq: 20 Oct 2018 00:52

Instrument :
BNA_N
ClientSampleId :
C0AH9

Tgt Ion	Ratio	Lower	Upper
202	100		
101	42.0	10.8	16.2#
100	0.0	8.6	13.0#

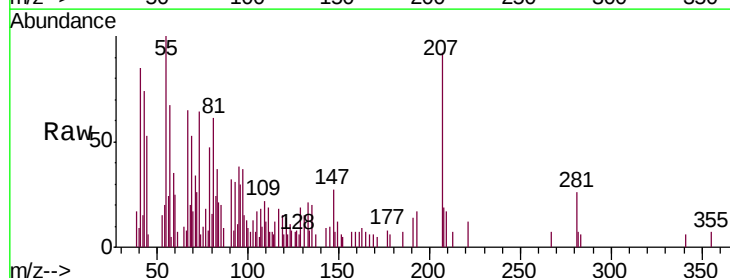


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

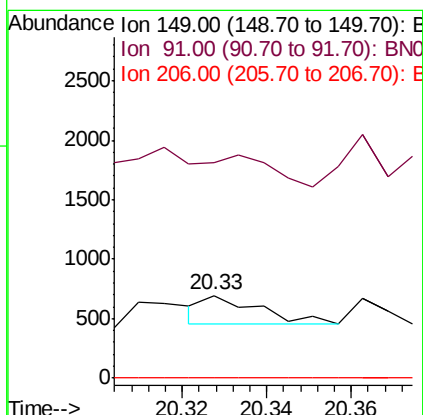
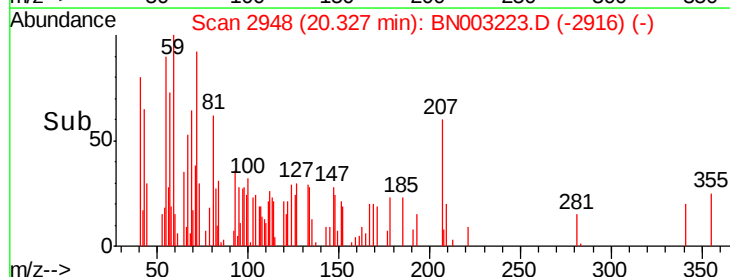


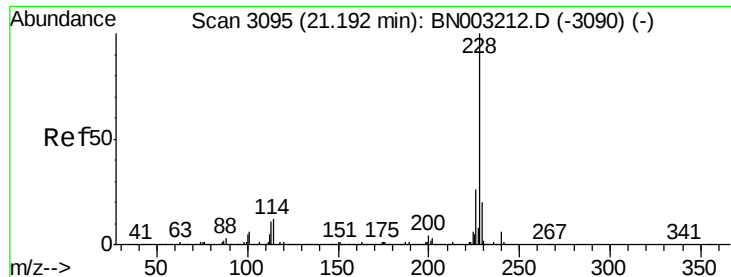
#80
Butylbenzylphthalate
Concen: 0.011 ng/ul
RT: 20.33 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BN003223.D
Acq: 20 Oct 2018 00:52

Tgt Ion	Ratio	Lower	Upper
149	100		
91	261.3	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: 0.083 ng/ul

RT: 21.22 min Scan# 3099

Delta R.T. 0.02 min

Lab File: BN003223.D

Acq: 20 Oct 2018 00:52

Instrument :

BNA_N

ClientSampleId :

C0AH9

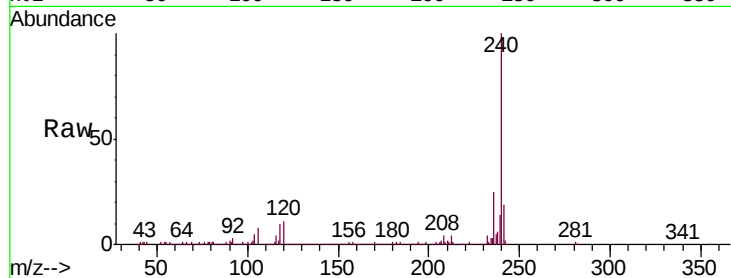
Tgt Ion:228 Resp: 4096

Ion Ratio Lower Upper

228 100

229 31.3 15.4 23.2#

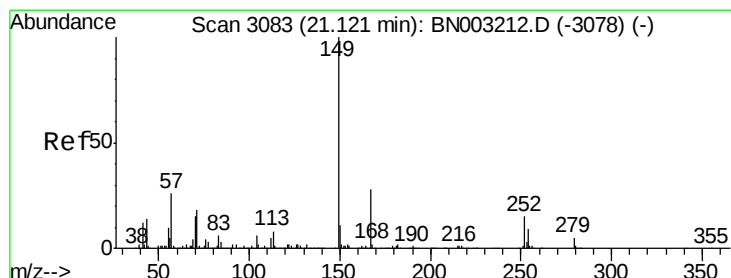
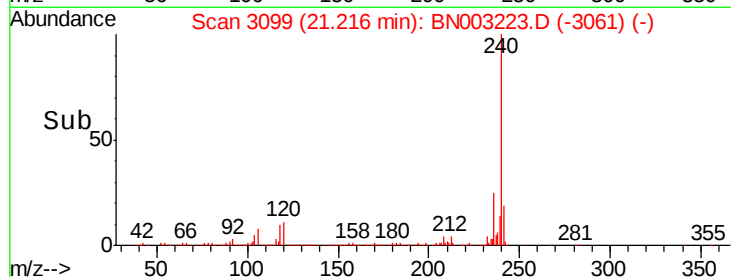
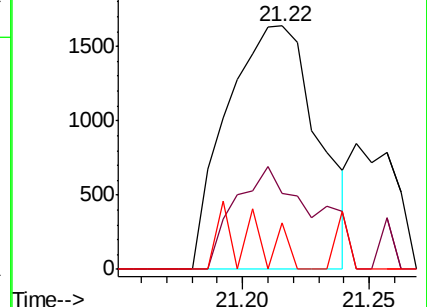
226 19.2 21.4 32.2#



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: 0.537 ng/ul

RT: 21.13 min Scan# 3084

Delta R.T. 0.01 min

Lab File: BN003223.D

Acq: 20 Oct 2018 00:52

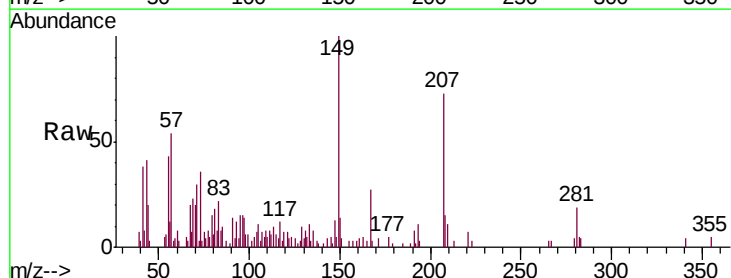
Tgt Ion:149 Resp: 16427

Ion Ratio Lower Upper

149 100

167 26.9 22.4 33.6

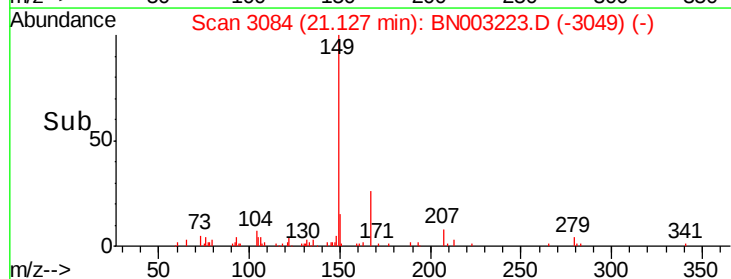
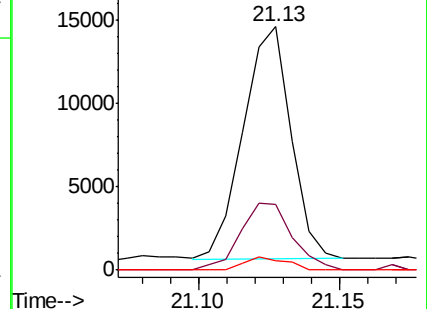
279 3.8 3.7 5.5

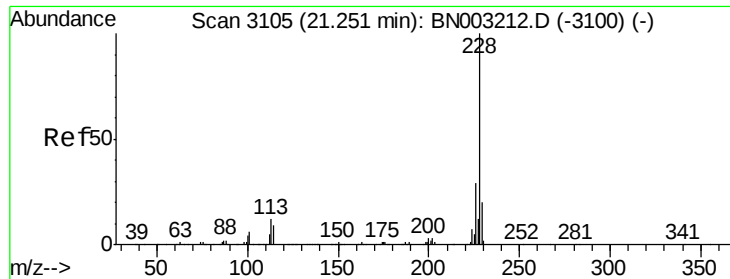


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 0.089 ng/ul

RT: 21.22 min Scan# 3099

Delta R.T. -0.04 min

Lab File: BN003223.D

Acq: 20 Oct 2018 00:52

Instrument :

BNA_N

ClientSampleId :

C0AH9

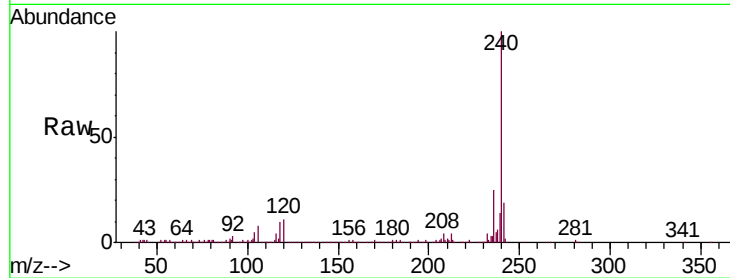
Tgt Ion:228 Resp: 4096

Ion Ratio Lower Upper

228 100

226 19.2 23.1 34.7#

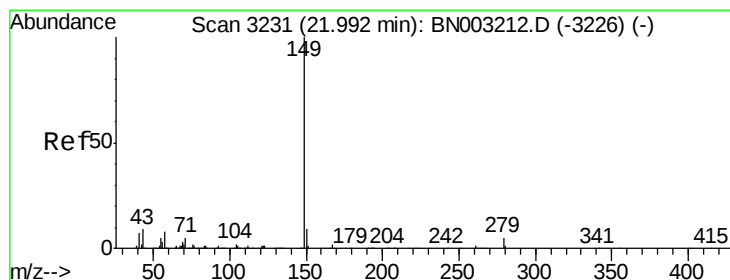
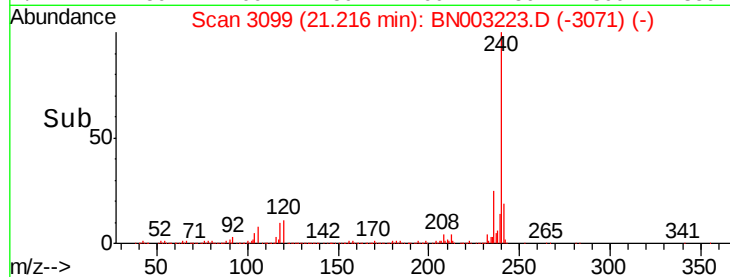
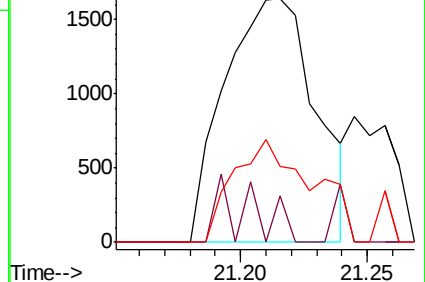
229 31.3 15.7 23.5#



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: 0.008 ng/ul

RT: 21.99 min Scan# 3231

Delta R.T. 0.00 min

Lab File: BN003223.D

Acq: 20 Oct 2018 00:52

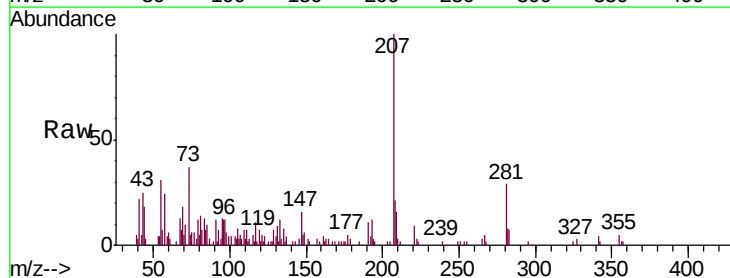
Tgt Ion:149 Resp: 371

Ion Ratio Lower Upper

149 100

167 30.0 1.2 1.8#

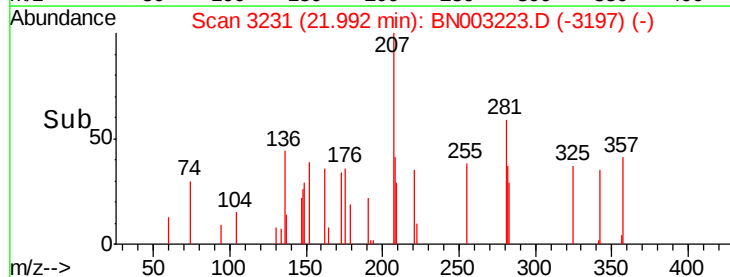
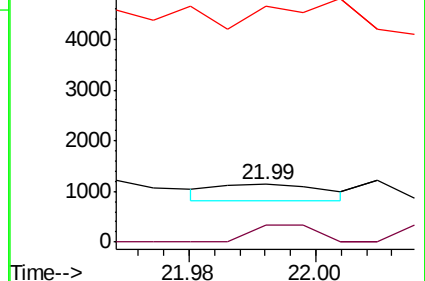
43 406.7 6.8 10.2#

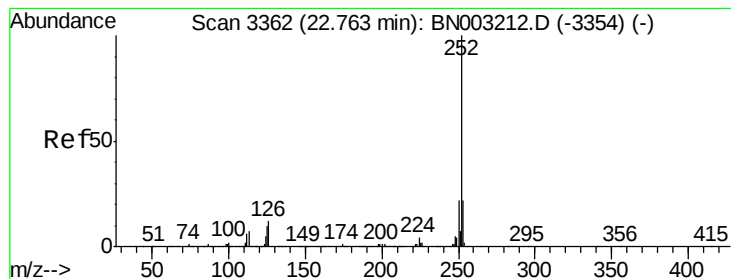


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC





#87

Benzo(b)fluoranthene

Concen: 0.107 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. 0.01 min

Lab File: BN003223.D

Acq: 20 Oct 2018 00:52

Instrument :

BNA_N

ClientSampleId :

C0AH9

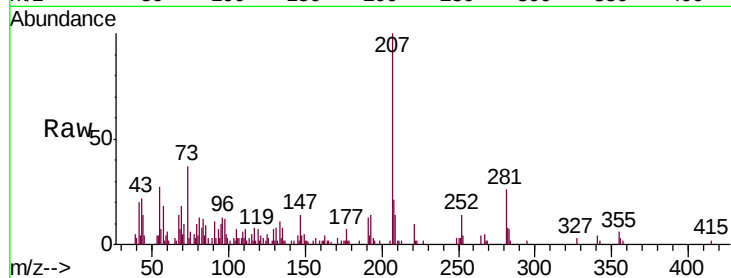
Tgt Ion:252 Resp: 4971

Ion Ratio Lower Upper

252 100

253 32.4 17.4 26.2#

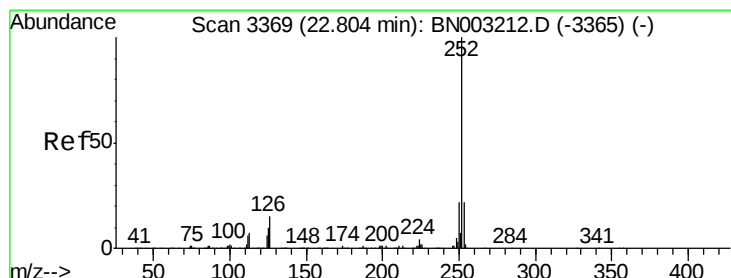
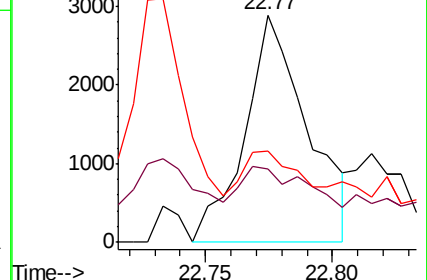
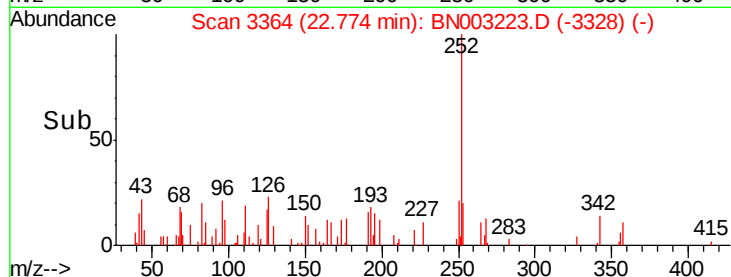
125 40.1 8.7 13.1#



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: 0.034 ng/ul

RT: 22.82 min Scan# 3371

Delta R.T. 0.01 min

Lab File: BN003223.D

Acq: 20 Oct 2018 00:52

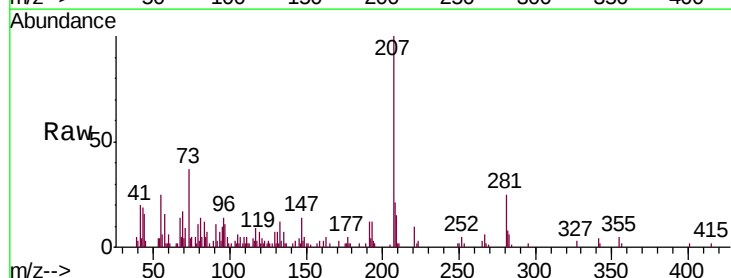
Tgt Ion:252 Resp: 1466

Ion Ratio Lower Upper

252 100

253 43.1 17.8 26.8#

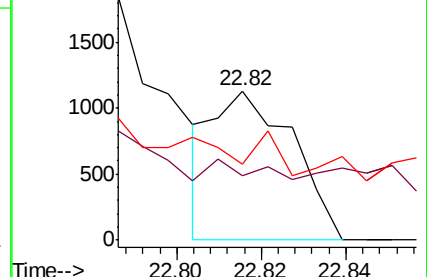
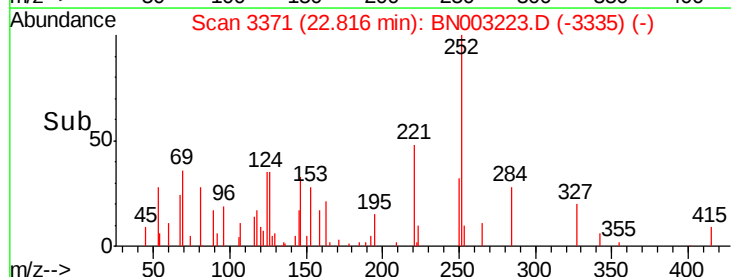
125 50.7 8.2 12.4#

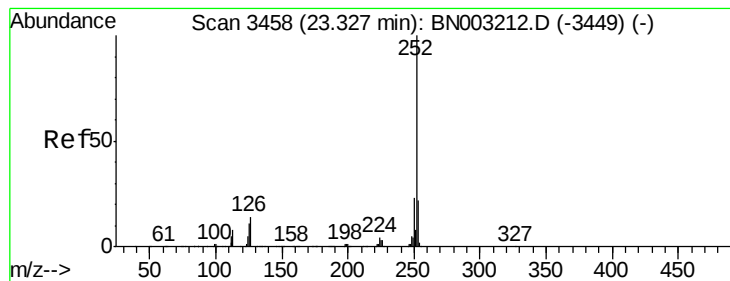


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.034 ng/ul

RT: 23.32 min Scan# 3457

Delta R.T. -0.01 min

Lab File: BN003223.D

Acq: 20 Oct 2018 00:52

Instrument :

BNA_N

ClientSampleId :

C0AH9

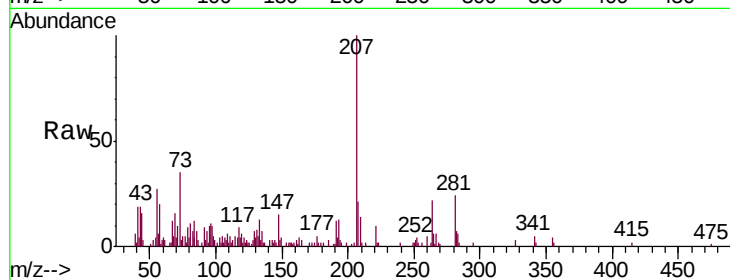
Tgt Ion: 252 Resp: 1500

Ion Ratio Lower Upper

252 100

253 56.2 17.5 26.3#

125 60.3 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

