

Data File : BN003217.D
Acq On : 19 Oct 2018 21:22
Operator : MJ/SJ
Sample : J5567-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AH4

Quant Time: Oct 20 05:07:32 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	98759	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	474619	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	293268	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	681898	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	776034	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	804726	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	9612	5.02	ng/uL	0.00
5) Phenol-d5	6.80	99	237334	25.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	150049	27.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	202136	27.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	203515	26.73	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	101605	27.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	122753	28.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	214665	27.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	232679	37.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	675737	27.04	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	860633	27.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	98144	28.50	ng/ul	0.00
57) Fluorene-d10	15.25	176	609679	27.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	101586	22.18	ng/ul	0.00
70) Anthracene-d10	17.10	188	948735	28.10	ng/ul	0.00
78) Pyrene-d10	19.40	212	1055950	28.08	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	1224322	28.14	ng/ul	0.00

Target Compounds

					Qvalue	
4) Benzaldehyde	6.80	77	119	0.073	ng/ul#	1
6) Phenol	6.83	94	78109	8.300	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.33	70	4775	0.813	ng/ul#	1
20) Nitrobenzene	8.76	77	159	0.019	ng/ul#	38
21) Isophorone	9.48	82	7963	0.477	ng/ul#	67
44) Dimethylphthalate	13.71	163	150772	6.172	ng/ul	98
45) 2,6-Dinitrotoluene	13.71	165	1437	0.293	ng/ul#	38
56) Diethylphthalate	15.09	149	1018	0.041	ng/ul#	59
58) Fluorene	15.25	166	1173	0.049	ng/ul#	6
64) N-Nitrosodiphenylamine	15.42	169	423	0.020	ng/ul#	25
69) Phenanthrene	17.05	178	235	0.006	ng/ul#	61
71) Anthracene	17.05	178	235	0.006	ng/ul#	61
75) Di-n-butylphthalate	17.97	149	2344	0.055	ng/ul#	79
76) Fluoranthene	19.07	202	1371	0.030	ng/ul#	1
79) Pyrene	19.43	202	1173	0.025	ng/ul#	38
80) Butylbenzylphthalate	20.33	149	174	0.009	ng/ul#	1
82) Benzo(a)anthracene	21.20	228	3578	0.074	ng/ul#	65
83) Bis(2-ethylhexyl)phthalate	21.12	149	10038	0.332	ng/ul	94
84) Chrysene	21.24	228	1070	0.023	ng/ul#	50
86) Di-n-octyl phthalate	21.99	149	224	0.004	ng/ul#	1
87) Benzo(b)fluoranthene	22.77	252	4668	0.096	ng/ul#	62
88) Benzo(k)fluoranthene	22.77	252	4668	0.101	ng/ul#	63
90) Benzo(a)pyrene	23.32	252	1491	0.032	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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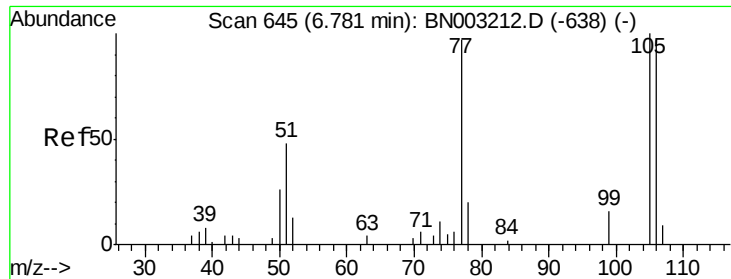
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101918MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 0.073 ng/u1

RT: 6.80 min Scan# 648

Delta R.T. 0.02 min

Lab File: BN003217.D

Acq: 19 Oct 2018 21:22

Instrument :

BNA_N

ClientSampleId :

C0AH4

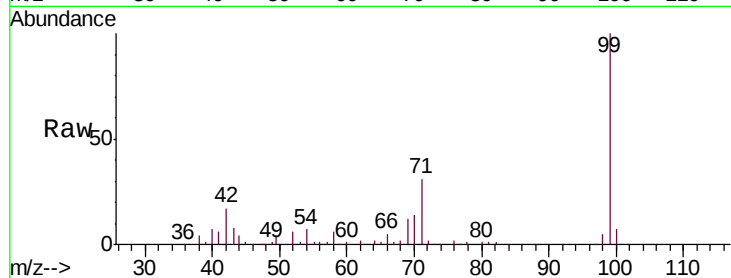
Tgt Ion: 77 Resp: 119

Ion Ratio Lower Upper

77 100

105 0.0 73.8 110.8#

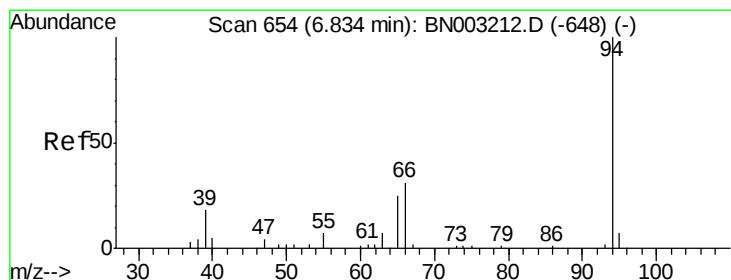
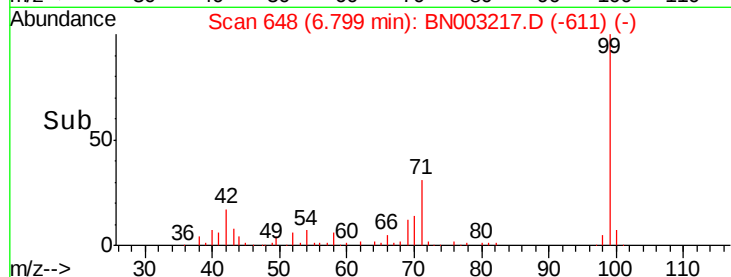
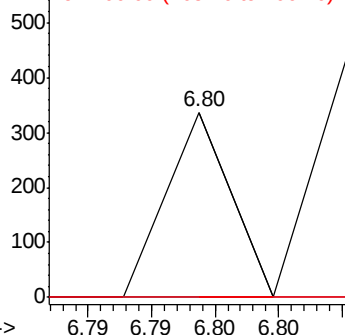
106 0.0 84.2 126.2#



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: 8.300 ng/u1

RT: 6.83 min Scan# 654

Delta R.T. -0.00 min

Lab File: BN003217.D

Acq: 19 Oct 2018 21:22

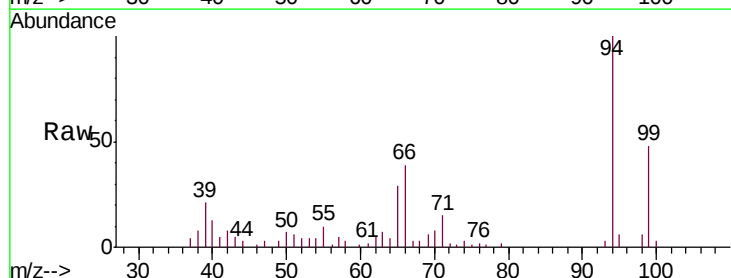
Tgt Ion: 94 Resp: 78109

Ion Ratio Lower Upper

94 100

65 29.0 21.2 31.8

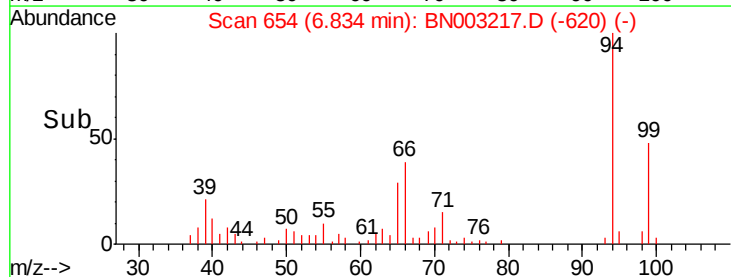
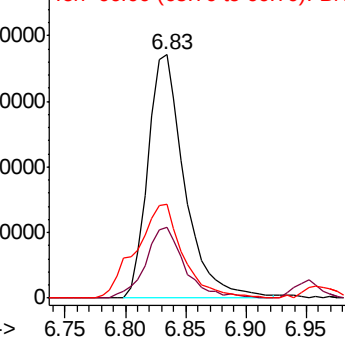
66 38.5 27.4 41.2

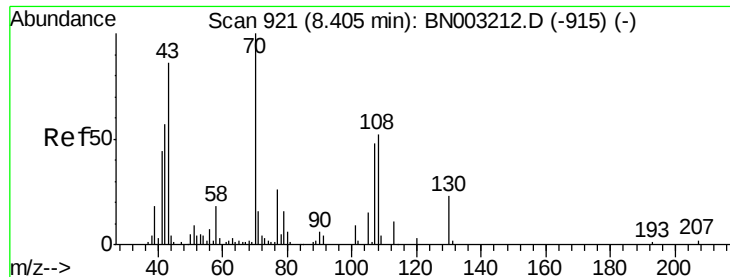


Abundance Ion 94.00 (93.70 to 94.70): BNC

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: 0.813 ng/ul

RT: 8.33 min Scan# 908

Delta R.T. -0.08 min

Lab File: BN003217.D

Acq: 19 Oct 2018 21:22

Instrument :

BNA_N

ClientSampleId :

C0AH4

Tgt Ion: 70 Resp: 4775

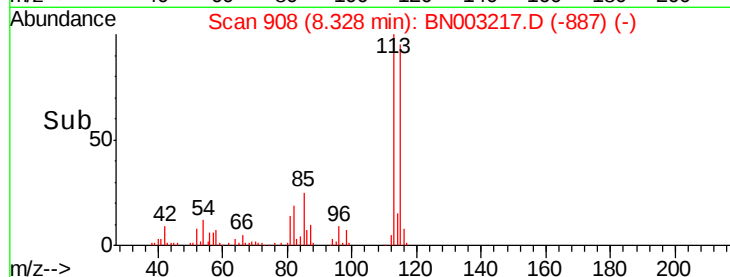
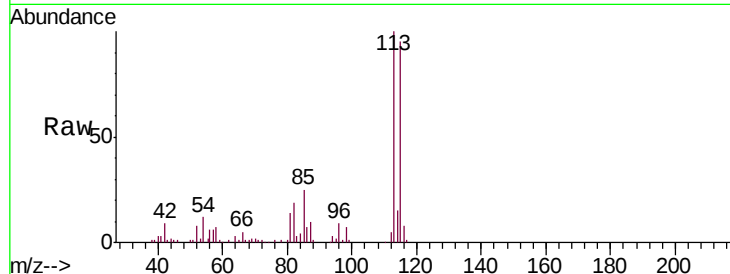
Ion Ratio Lower Upper

70 100

42 346.6 44.5 66.7#

101 0.0 7.9 11.9#

130 0.0 18.7 28.1#

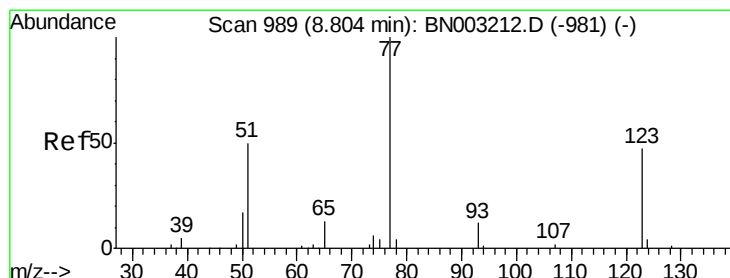
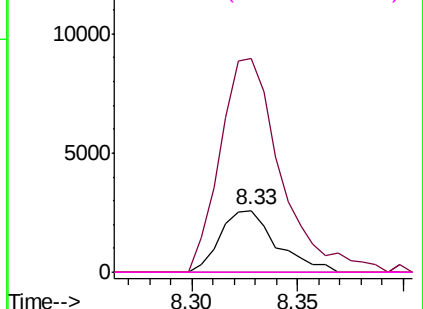


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: 0.019 ng/ul

RT: 8.76 min Scan# 981

Delta R.T. -0.05 min

Lab File: BN003217.D

Acq: 19 Oct 2018 21:22

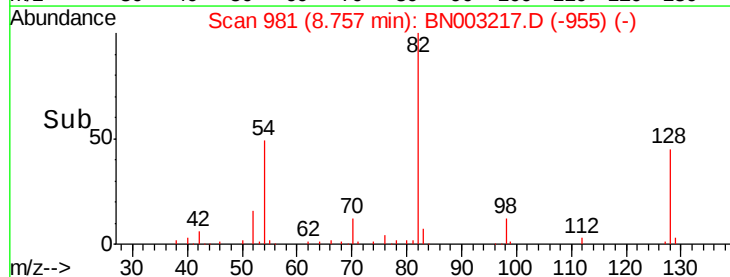
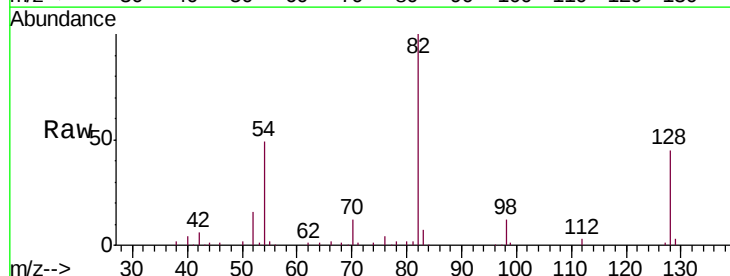
Tgt Ion: 77 Resp: 159

Ion Ratio Lower Upper

77 100

123 0.0 36.9 55.3#

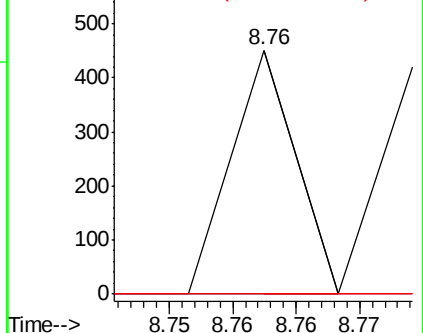
65 0.0 10.2 15.4#

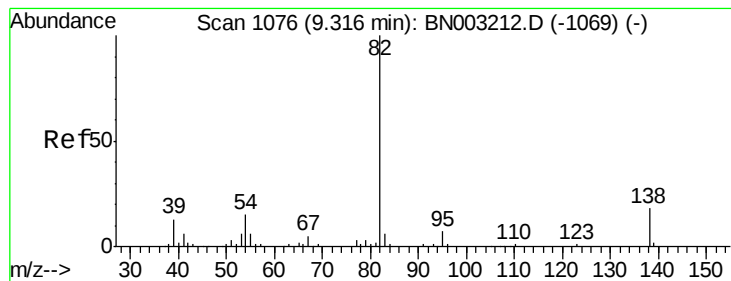


Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BN0





#21

Isophorone

Concen: 0.477 ng/ul

RT: 9.48 min Scan# 1103

Delta R.T. 0.16 min

Lab File: BN003217.D

Acq: 19 Oct 2018 21:22

Instrument :

BNA_N

ClientSampleId :

C0AH4

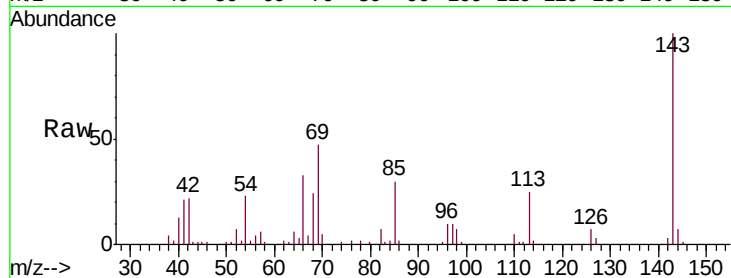
Tgt Ion: 82 Resp: 7963

Ion Ratio Lower Upper

82 100

95 10.5 5.3 7.9#

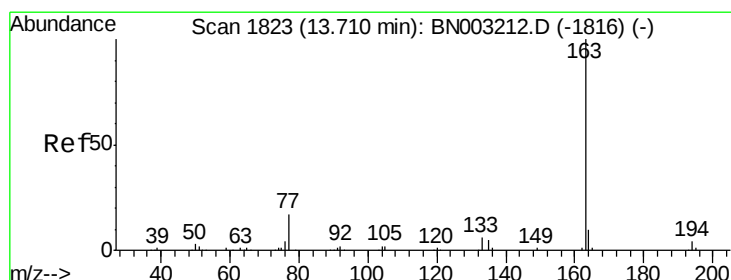
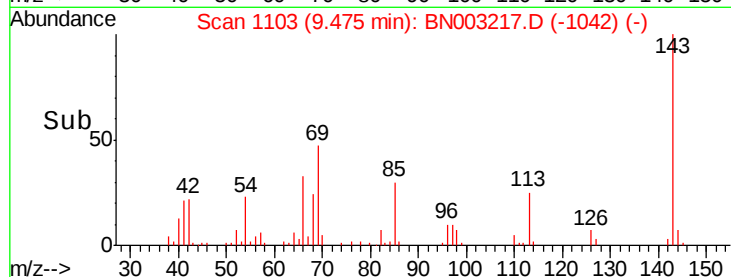
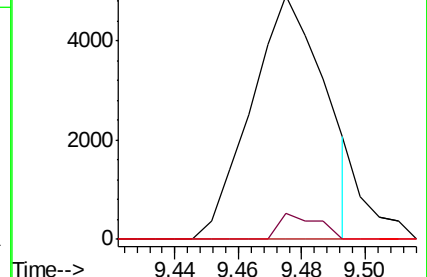
138 0.0 14.5 21.7#



Abundance Ion 82.00 (81.70 to 82.70): BN003217.D (-1069) (-)

Ion 95.00 (94.70 to 95.70): BN003217.D (-1069) (-)

Ion 138.00 (137.70 to 138.70): BN003217.D (-1069) (-)



#44

Dimethylphthalate

Concen: 6.172 ng/ul

RT: 13.71 min Scan# 1823

Delta R.T. -0.00 min

Lab File: BN003217.D

Acq: 19 Oct 2018 21:22

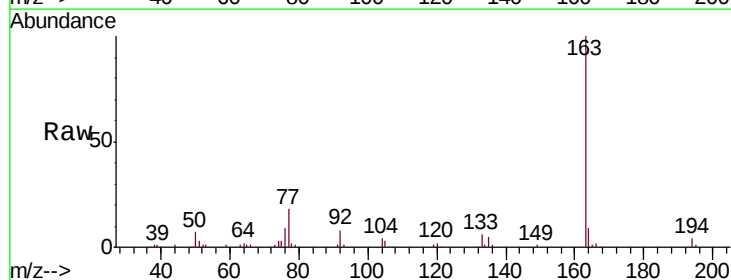
Tgt Ion: 163 Resp: 150772

Ion Ratio Lower Upper

163 100

194 4.1 3.7 5.5

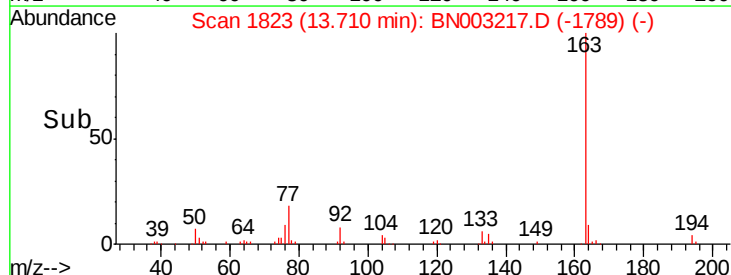
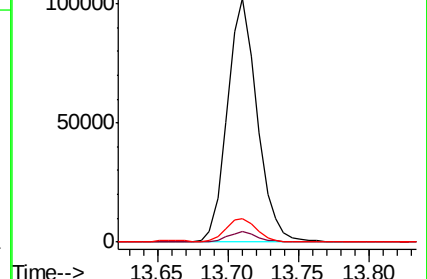
164 9.5 8.3 12.5

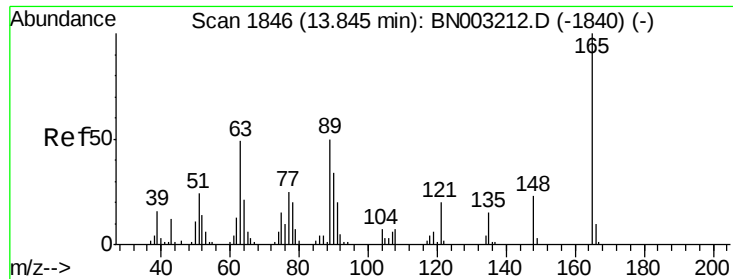


Abundance Ion 163.00 (162.70 to 163.70): BN003217.D (-1789) (-)

Ion 194.00 (193.70 to 194.70): BN003217.D (-1789) (-)

Ion 164.00 (163.70 to 164.70): BN003217.D (-1789) (-)

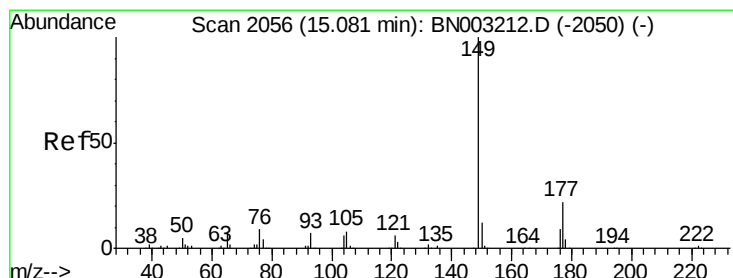
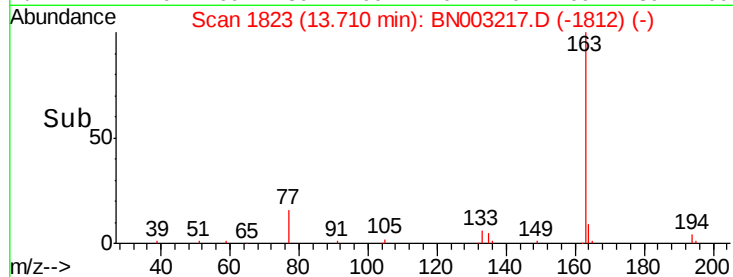
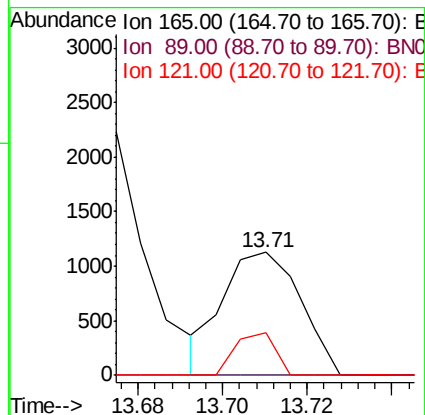
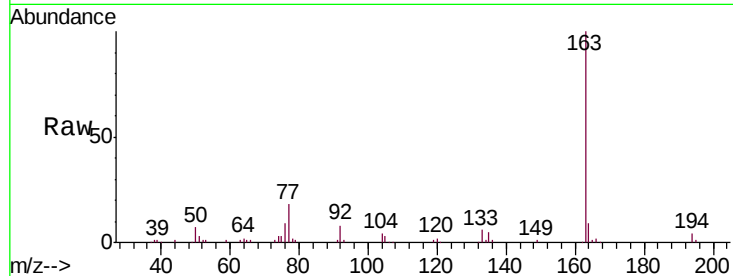




#45
2,6-Dinitrotoluene
Concen: 0.293 ng/ul
RT: 13.71 min Scan# 1823
Delta R.T. -0.14 min
Lab File: BN003217.D
Acq: 19 Oct 2018 21:22

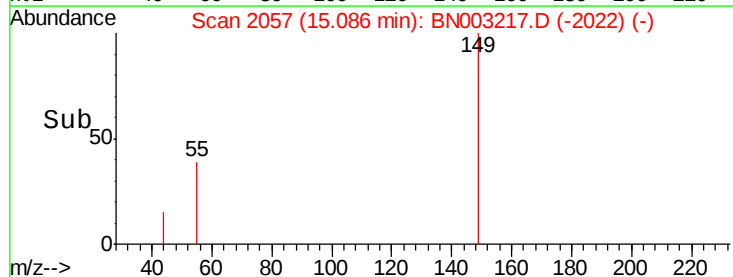
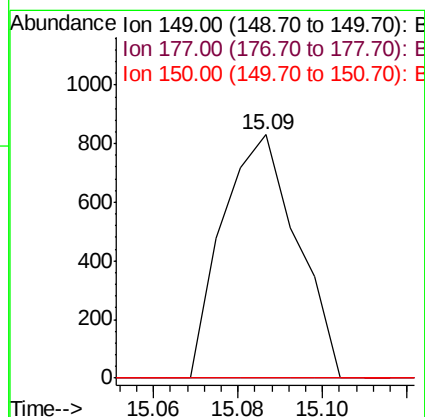
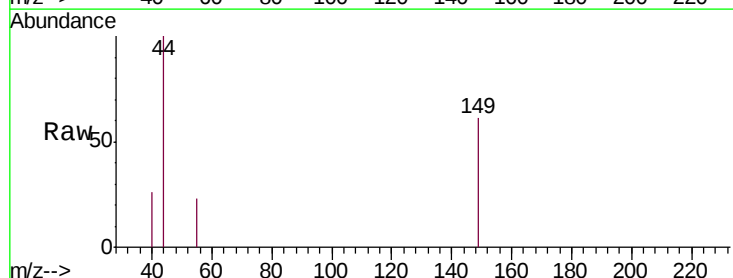
Instrument :
BNA_N
ClientSampleId :
C0AH4

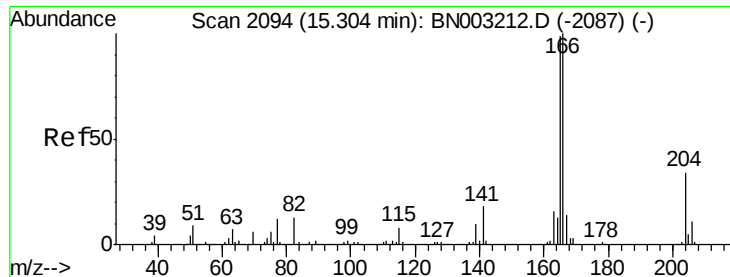
Tgt Ion:165 Resp: 1437
Ion Ratio Lower Upper
165 100
89 0.0 40.3 60.5#
121 34.9 15.7 23.5#



#56
Diethylphthalate
Concen: 0.041 ng/ul
RT: 15.09 min Scan# 2057
Delta R.T. 0.01 min
Lab File: BN003217.D
Acq: 19 Oct 2018 21:22

Tgt Ion:149 Resp: 1018
Ion Ratio Lower Upper
149 100
177 0.0 17.3 25.9#
150 0.0 10.2 15.4#





#58

Fluorene

Concen: 0.049 ng/ul

RT: 15.25 min Scan# 2084

Delta R.T. -0.06 min

Lab File: BN003217.D

Acq: 19 Oct 2018 21:22

Instrument :

BNA_N

ClientSampled :

C0AH4

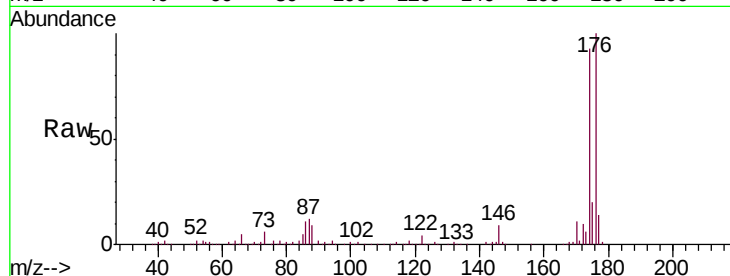
Tgt Ion:166 Resp: 1173

Ion Ratio Lower Upper

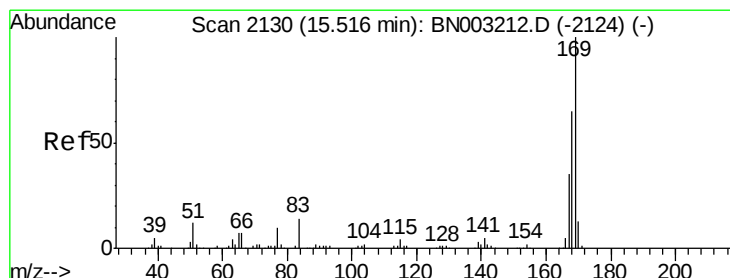
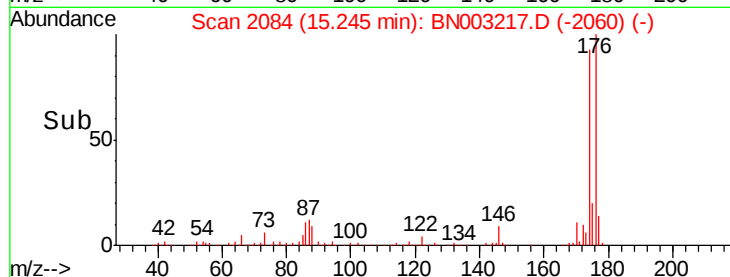
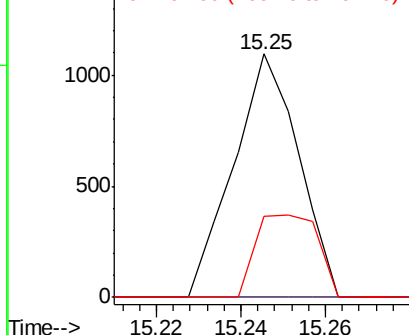
166 100

165 0.0 78.7 118.1#

167 33.3 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: 15.42 min Scan# 2114

Delta R.T. -0.09 min

Lab File: BN003217.D

Acq: 19 Oct 2018 21:22

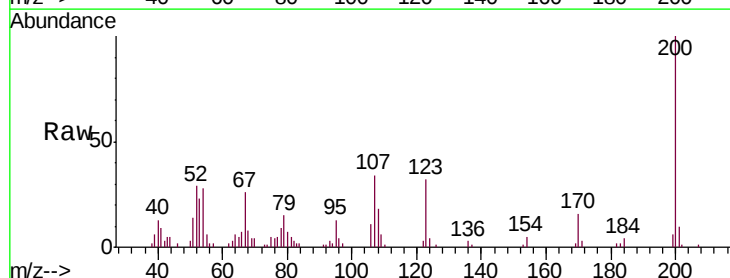
Tgt Ion:169 Resp: 423

Ion Ratio Lower Upper

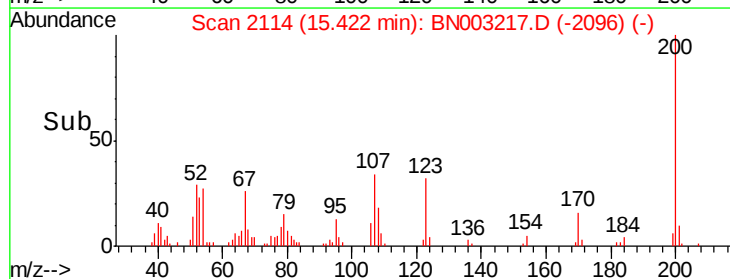
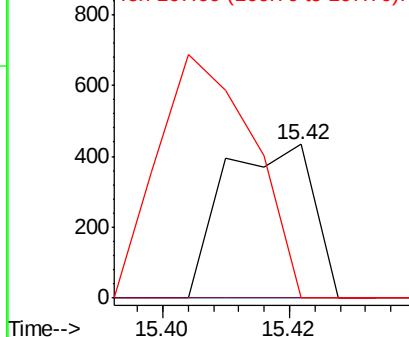
169 100

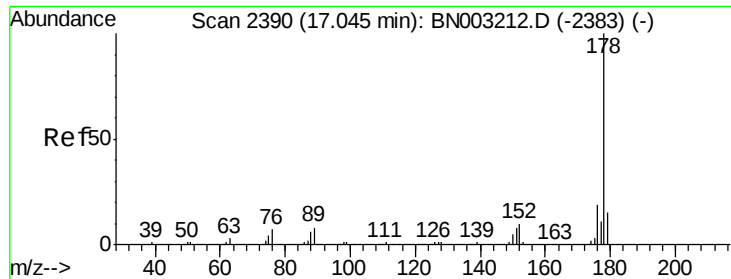
168 0.0 53.1 79.7#

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: 0.006 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BN003217.D

Acq: 19 Oct 2018 21:22

Instrument :

BNA_N

ClientSampleId :

C0AH4

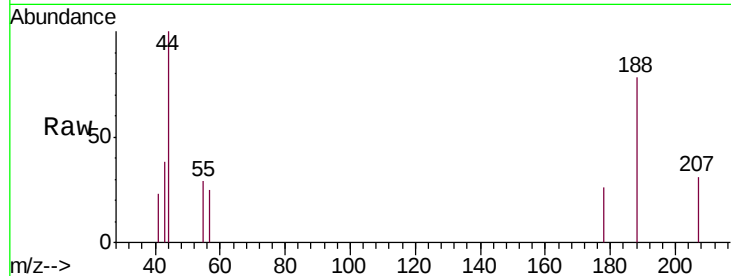
Tgt Ion:178 Resp: 235

Ion Ratio Lower Upper

178 100

179 0.0 12.6 19.0#

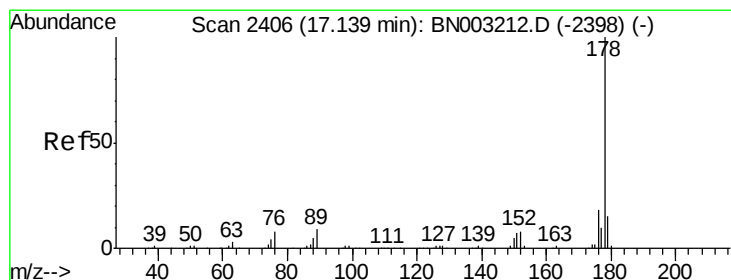
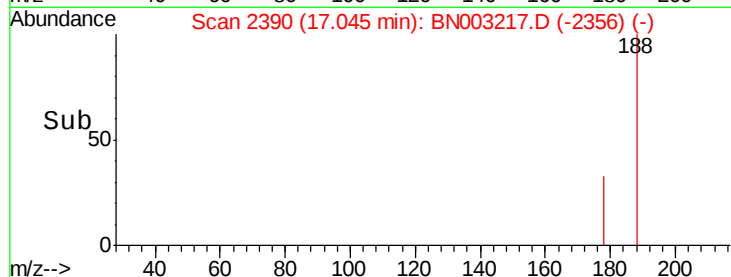
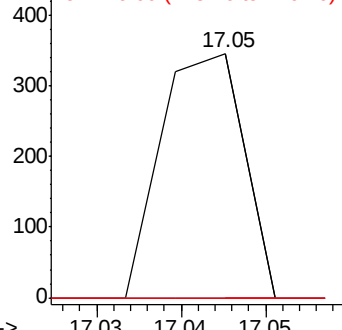
176 0.0 14.7 22.1#



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: 0.006 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. -0.09 min

Lab File: BN003217.D

Acq: 19 Oct 2018 21:22

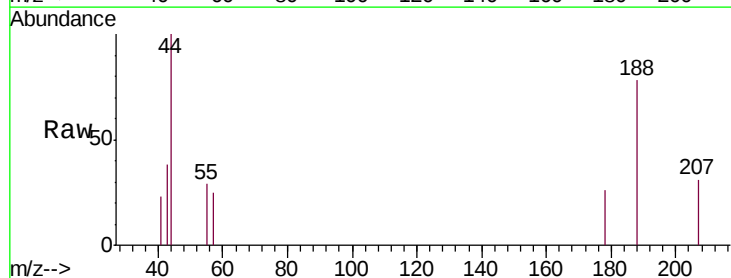
Tgt Ion:178 Resp: 235

Ion Ratio Lower Upper

178 100

179 0.0 12.2 18.4#

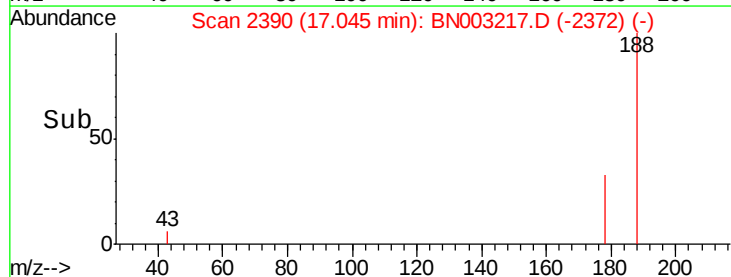
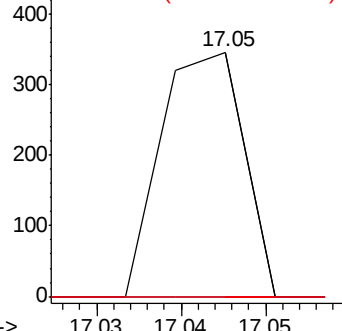
176 0.0 14.9 22.3#

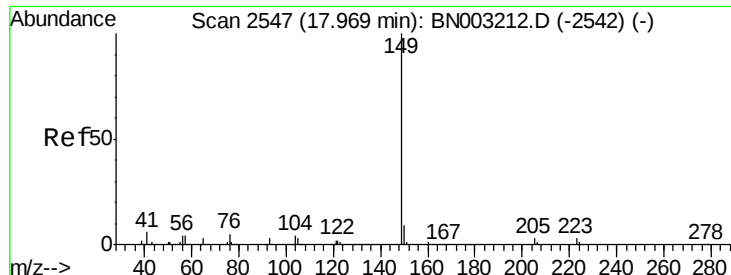


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

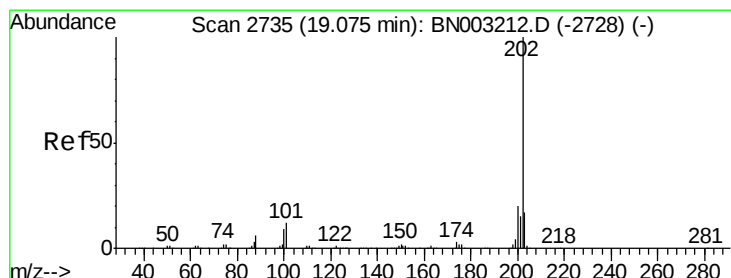
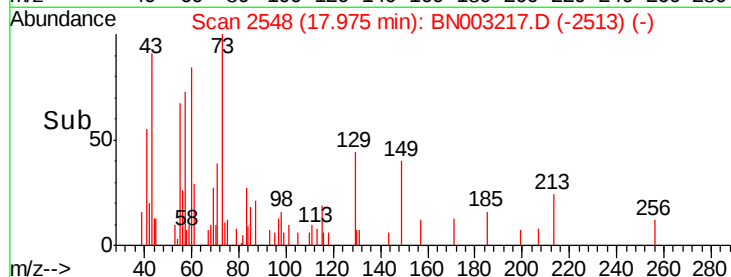
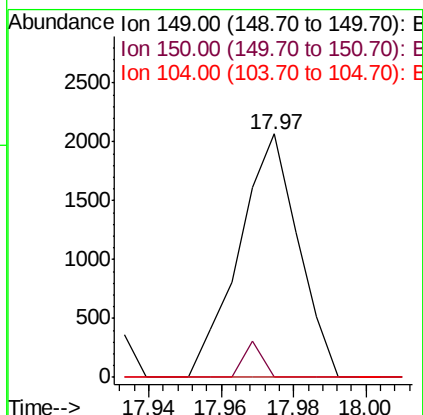
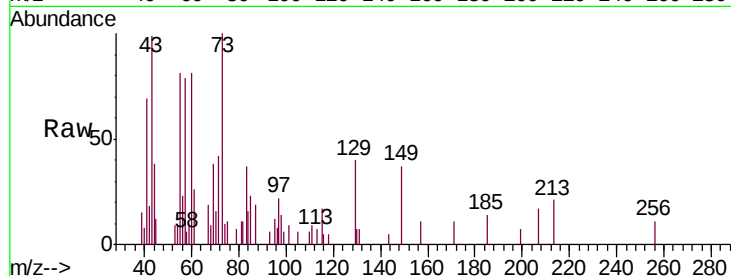




#75
Di-n-butylphthalate
Concen: 0.055 ng/ul
RT: 17.97 min Scan# 2548
Delta R.T. 0.01 min
Lab File: BN003217.D
Acq: 19 Oct 2018 21:22

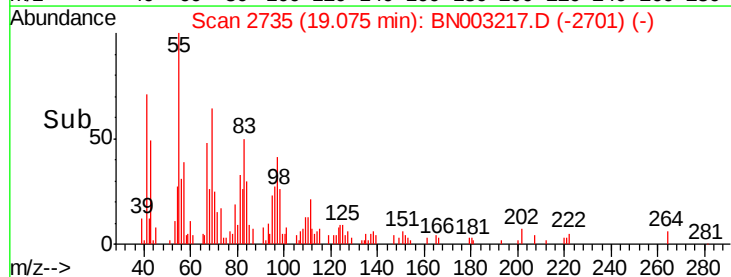
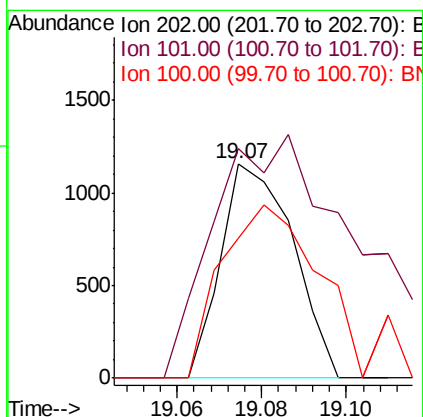
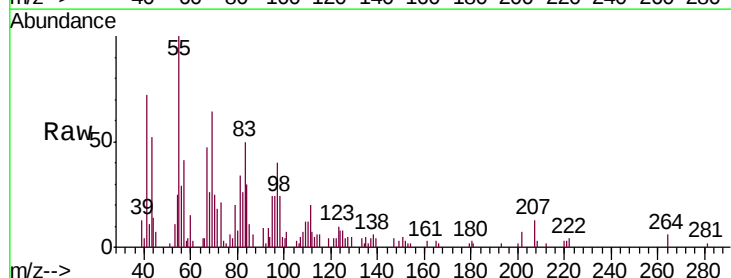
Instrument :
BNA_N
ClientSampled :
C0AH4

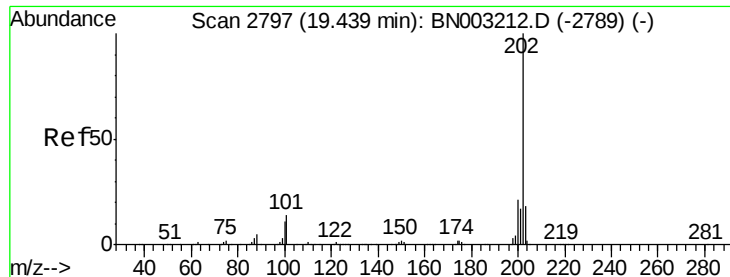
Tgt Ion:149 Resp: 2344
Ion Ratio Lower Upper
149 100
150 0.0 7.4 11.0#
104 0.0 3.6 5.4#



#76
Fluoranthene
Concen: 0.030 ng/ul
RT: 19.07 min Scan# 2735
Delta R.T. -0.00 min
Lab File: BN003217.D
Acq: 19 Oct 2018 21:22

Tgt Ion:202 Resp: 1371
Ion Ratio Lower Upper
202 100
101 107.3 9.4 14.2#
100 65.5 7.2 10.8#





#79

Pyrene

Concen: 0.025 ng/ul

RT: 19.43 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BN003217.D

Acq: 19 Oct 2018 21:22

Instrument :

BNA_N

ClientSampleId :

C0AH4

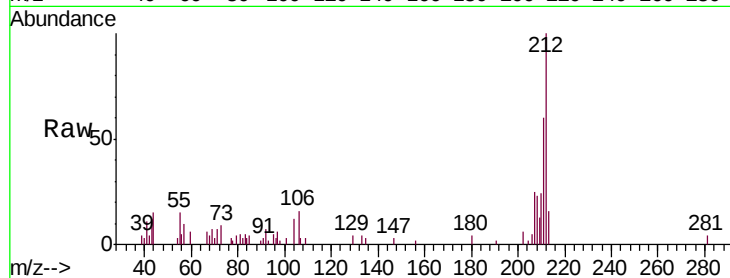
Tgt Ion:202 Resp: 1173

Ion Ratio Lower Upper

202 100

101 49.1 10.8 16.2#

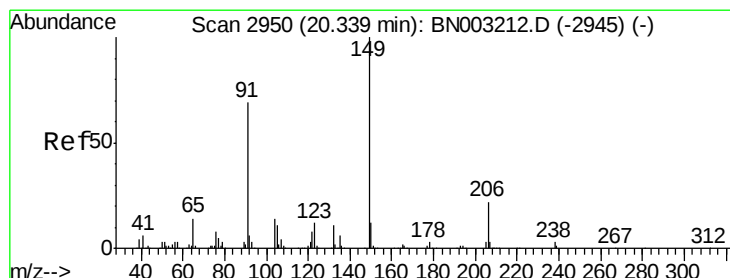
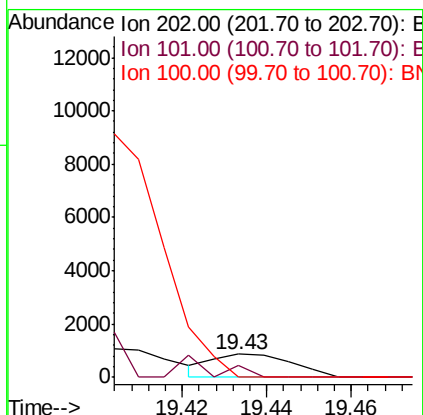
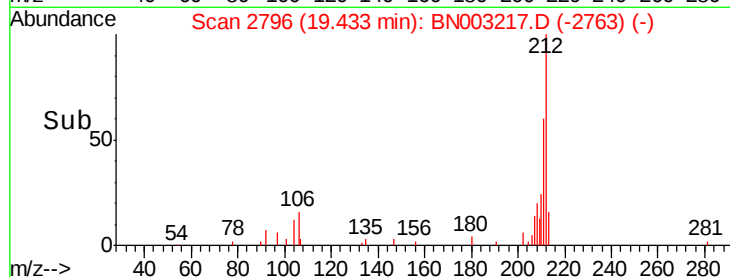
100 0.0 8.6 13.0#



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: 0.009 ng/ul

RT: 20.33 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BN003217.D

Acq: 19 Oct 2018 21:22

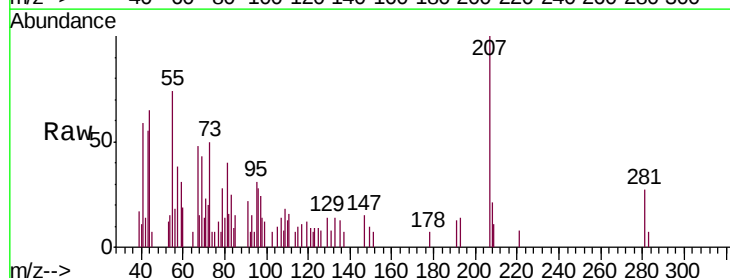
Tgt Ion:149 Resp: 174

Ion Ratio Lower Upper

149 100

91 211.0 53.5 80.3#

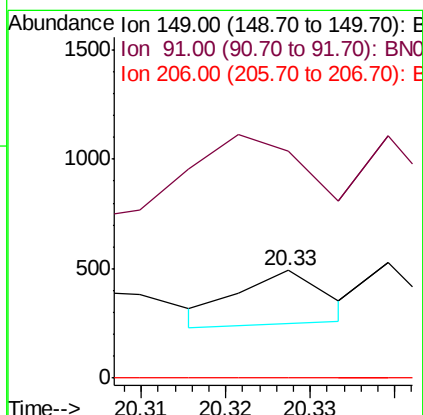
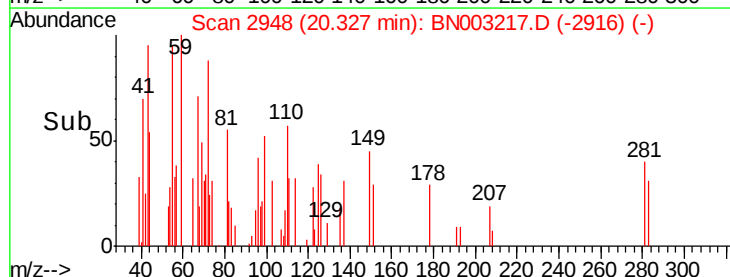
206 0.0 17.0 25.4#

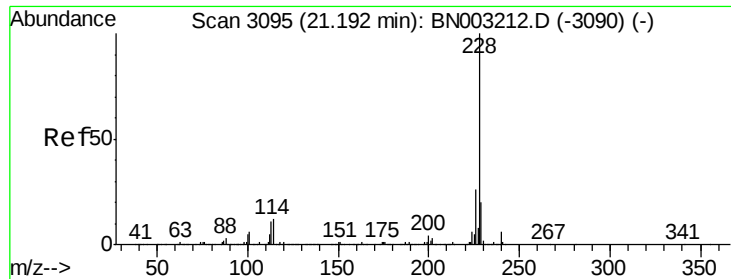


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





#82

Benzo(a)anthracene

Concen: 0.074 ng/ul

RT: 21.20 min Scan# 3097

Delta R.T. 0.01 min

Lab File: BN003217.D

Acq: 19 Oct 2018 21:22

Instrument :

BNA_N

ClientSampleId :

C0AH4

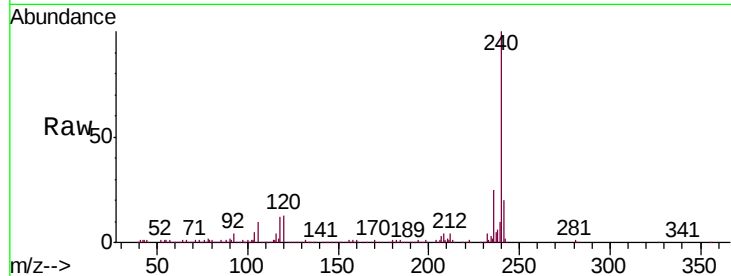
Tgt Ion:228 Resp: 3578

Ion Ratio Lower Upper

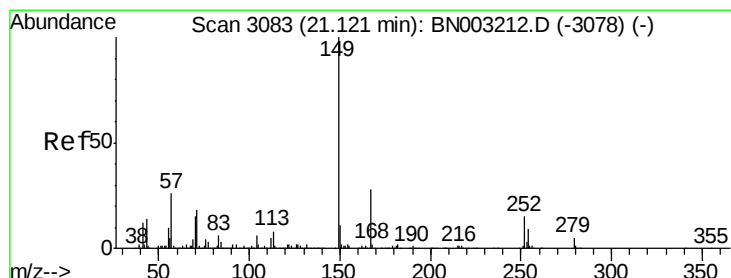
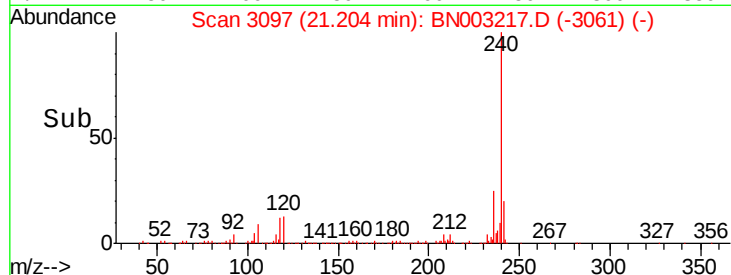
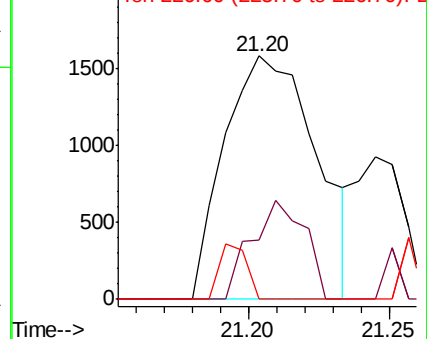
228 100

229 24.5 15.4 23.2#

226 0.0 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: 0.332 ng/ul

RT: 21.12 min Scan# 3083

Delta R.T. -0.00 min

Lab File: BN003217.D

Acq: 19 Oct 2018 21:22

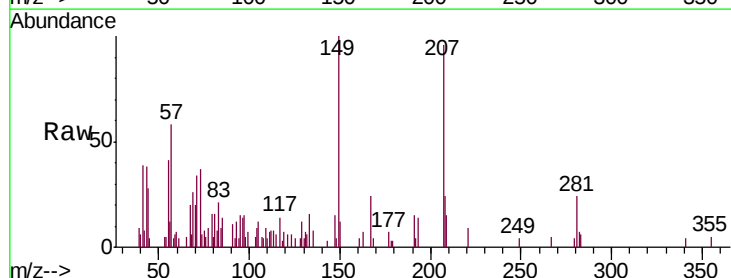
Tgt Ion:149 Resp: 10038

Ion Ratio Lower Upper

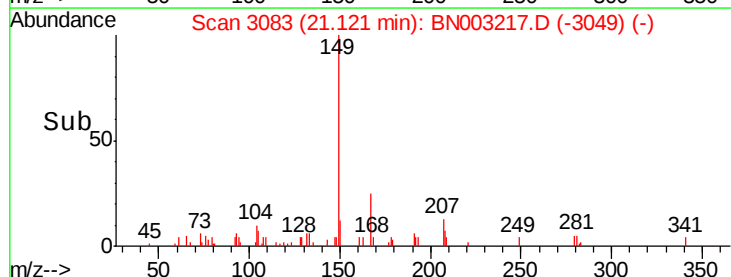
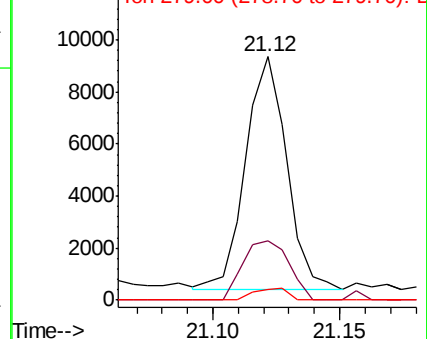
149 100

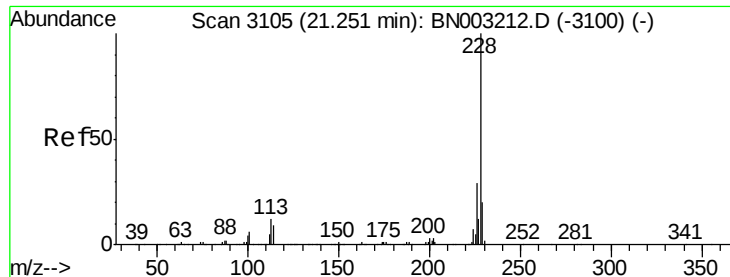
167 24.4 22.4 33.6

279 4.5 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: 0.023 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BN003217.D

Acq: 19 Oct 2018 21:22

Instrument :

BNA_N

ClientSampleId :

C0AH4

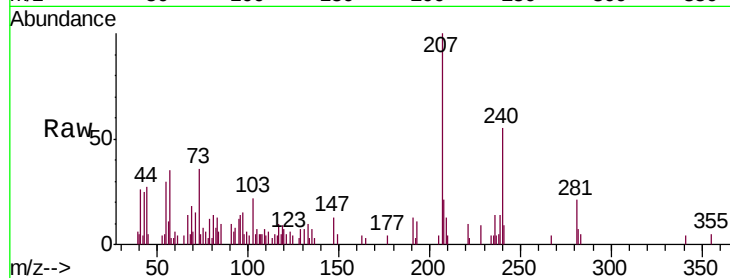
Tgt Ion:228 Resp: 1070

Ion Ratio Lower Upper

228 100

226 0.0 23.1 34.7#

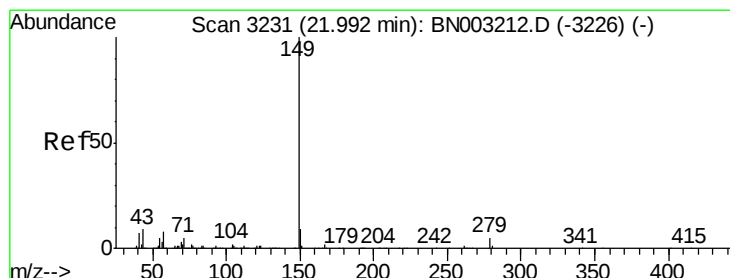
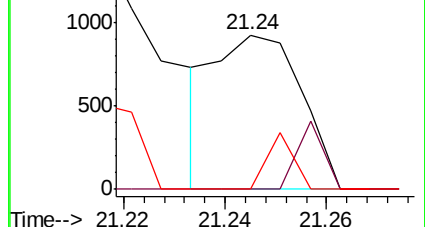
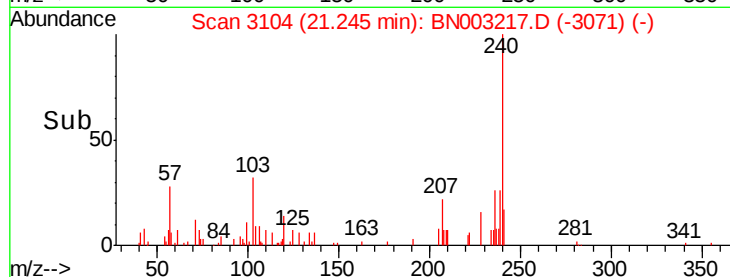
229 0.0 15.7 23.5#



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: 0.004 ng/ul

RT: 21.99 min Scan# 3230

Delta R.T. -0.01 min

Lab File: BN003217.D

Acq: 19 Oct 2018 21:22

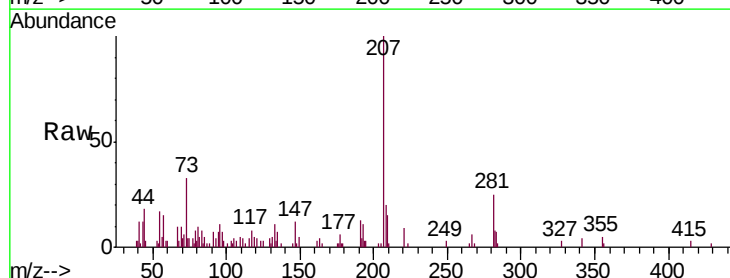
Tgt Ion:149 Resp: 224

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

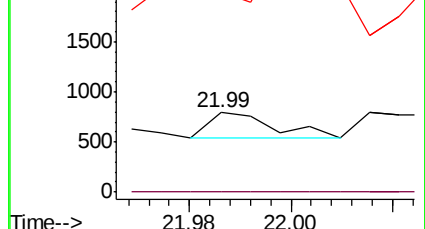
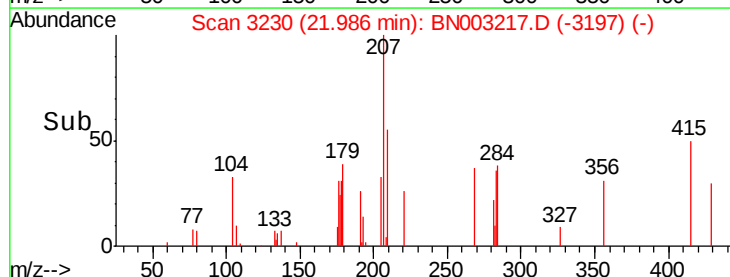
43 251.2 6.8 10.2#

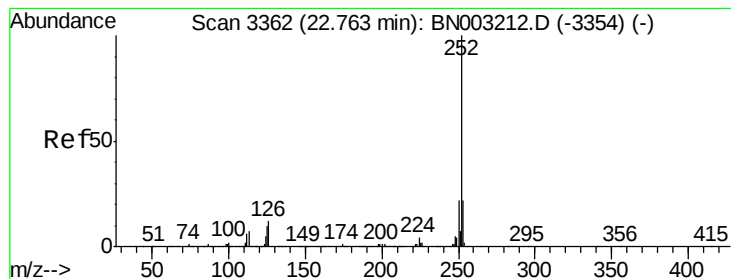


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNO





#87

Benzo(b)fluoranthene

Concen: 0.096 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. 0.01 min

Lab File: BN003217.D

Acq: 19 Oct 2018 21:22

Instrument :

BNA_N

ClientSampleId :

C0AH4

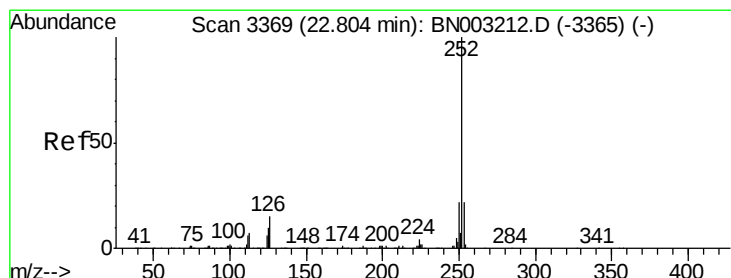
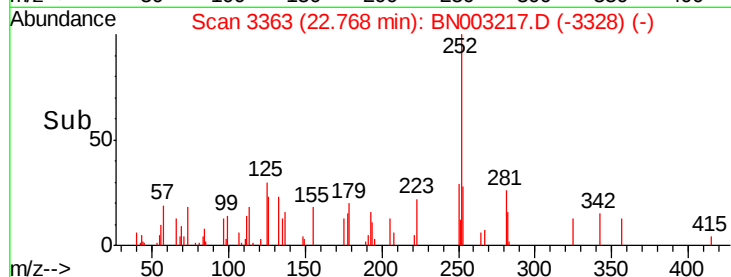
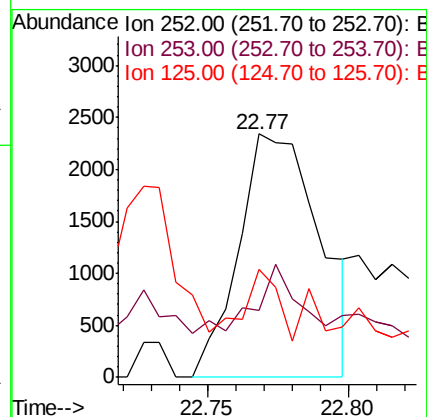
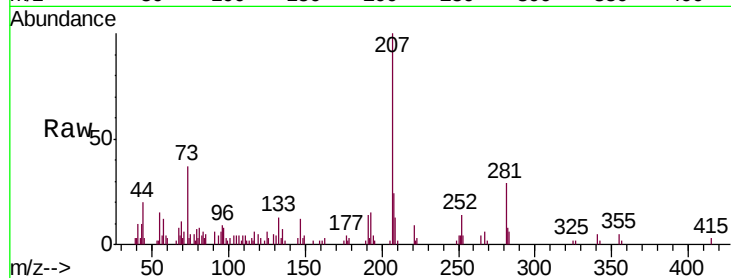
Tgt Ion:252 Resp: 4668

Ion Ratio Lower Upper

252 100

253 27.8 17.4 26.2#

125 44.5 8.7 13.1#



#88

Benzo(k)fluoranthene

Concen: 0.101 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. -0.04 min

Lab File: BN003217.D

Acq: 19 Oct 2018 21:22

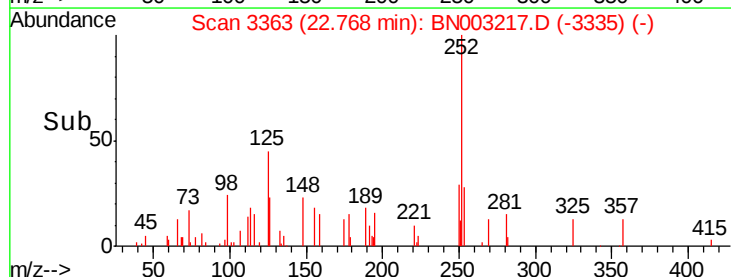
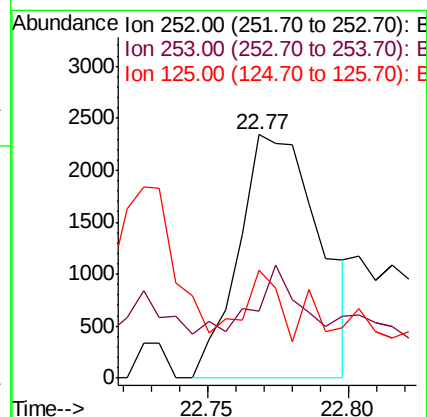
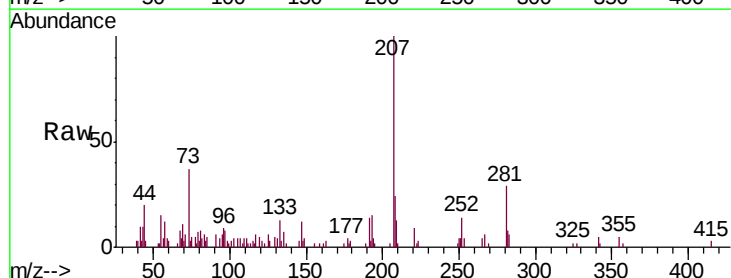
Tgt Ion:252 Resp: 4668

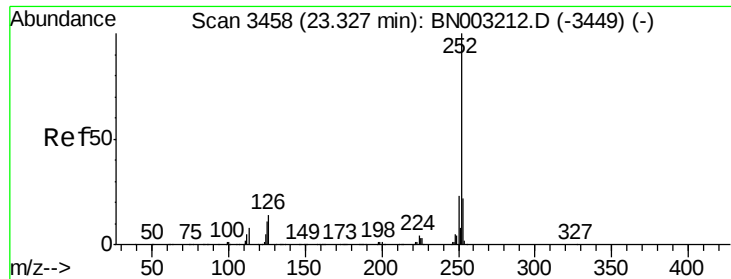
Ion Ratio Lower Upper

252 100

253 27.8 17.8 26.8#

125 44.5 8.2 12.4#





#90

Benzo(a)pyrene

Concen: 0.032 ng/ul

RT: 23.32 min Scan# 3457

Delta R.T. -0.01 min

Lab File: BN003217.D

Acq: 19 Oct 2018 21:22

Instrument :

BNA_N

ClientSampleId :

C0AH4

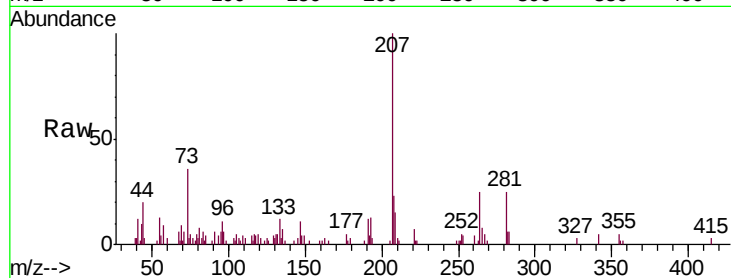
Tgt Ion: 252 Resp: 1491

Ion Ratio Lower Upper

252 100

253 66.3 17.5 26.3#

125 55.8 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

