

Data File : BN003218.D
Acq On : 19 Oct 2018 21:57
Operator : MJ/SJ
Sample : J5567-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AH1

Quant Time: Oct 20 05:07:49 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	89944	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	436418	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	274531	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	640651	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	736647	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	789956	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	5548	3.18	ng/uL	0.00
5) Phenol-d5	6.80	99	139677	16.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	92139	18.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	121102	18.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	123696	17.84	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	61484	18.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	72974	18.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	131293	18.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	142863	24.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	443555	18.96	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	552696	19.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	56254	17.45	ng/ul	0.02
57) Fluorene-d10	15.25	176	401900	19.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	65743	15.28	ng/ul	0.00
70) Anthracene-d10	17.10	188	629579	19.85	ng/ul	0.00
78) Pyrene-d10	19.40	212	710734	19.91	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	848851	19.88	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.10	88	108	0.054	ng/uL#	1
6) Phenol	6.83	94	46493	5.424	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.33	70	2754	0.515	ng/ul#	1
21) Isophorone	9.48	82	4905	0.319	ng/ul#	65
44) Dimethylphthalate	13.71	163	112254	4.909	ng/ul	99
45) 2,6-Dinitrotoluene	13.71	165	1075	0.235	ng/ul#	36
56) Diethylphthalate	15.09	149	1319	0.057	ng/ul#	59
58) Fluorene	15.25	166	689	0.031	ng/ul#	8
69) Phenanthrene	17.05	178	258	0.007	ng/ul#	61
71) Anthracene	17.05	178	258	0.007	ng/ul#	61
75) Di-n-butylphthalate	17.97	149	5405	0.136	ng/ul#	94
76) Fluoranthene	19.08	202	653	0.015	ng/ul#	1
79) Pyrene	19.44	202	532	0.012	ng/ul#	69
80) Butylbenzylphthalate	20.35	149	416	0.022	ng/ul#	3
82) Benzo(a)anthracene	21.21	228	2276	0.049	ng/ul#	53
83) Bis(2-ethylhexyl)phthalate	21.12	149	6473	0.226	ng/ul#	94
84) Chrysene	21.24	228	429	0.010	ng/ul#	50
86) Di-n-octyl phthalate	22.01	149	228	0.004	ng/ul#	1
87) Benzo(b)fluoranthene	22.78	252	2308	0.048	ng/ul#	59
88) Benzo(k)fluoranthene	22.82	252	480	0.011	ng/ul#	14
90) Benzo(a)pyrene	23.32	252	597	0.013	ng/ul#	1

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

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Response via : Initial Calibration

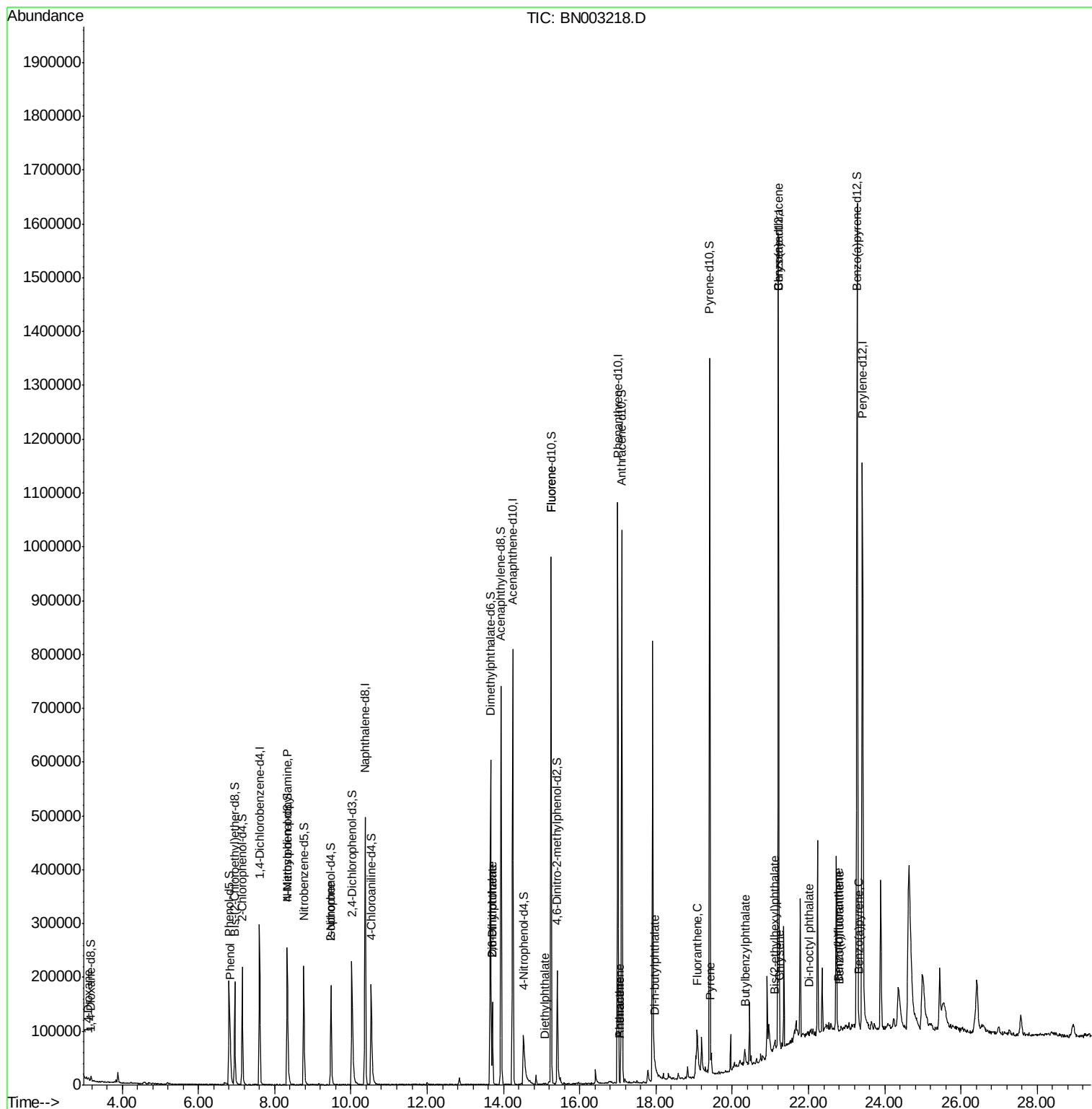
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

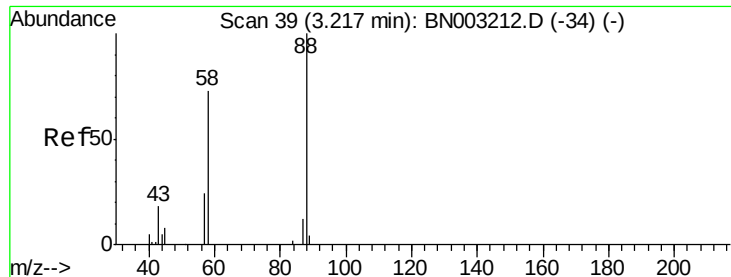
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#2

1,4-Dioxane

Concen: 0.054 ng/uL

RT: 3.10 min Scan# 19

Delta R.T. -0.12 min

Lab File: BN003218.D

Acq: 19 Oct 2018 21:57

Instrument :

BNA_N

ClientSampled :

C0AH1

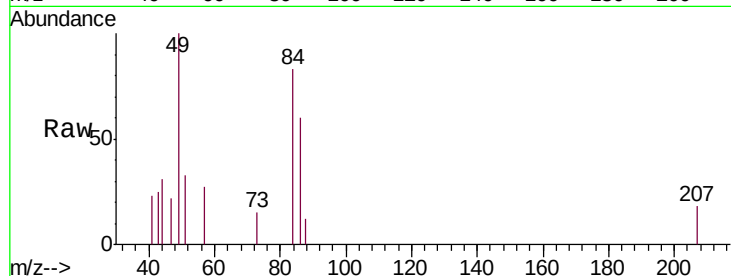
Tgt Ion: 88 Resp: 108

Ion Ratio Lower Upper

88 100

43 809.3 23.3 34.9#

58 0.0 64.4 96.6#



Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 43.00 (42.70 to 43.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

800

600

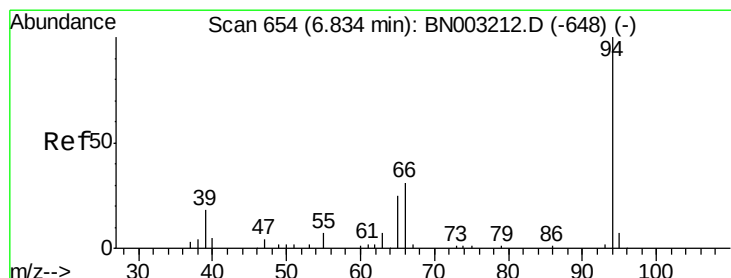
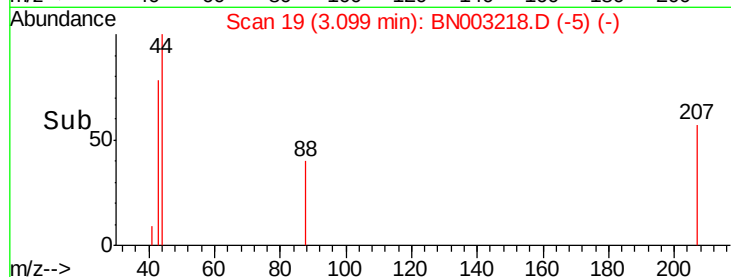
400

200

0

3.09 3.10 3.11

Time-->



#6

Phenol

Concen: 5.424 ng/uL

RT: 6.83 min Scan# 654

Delta R.T. -0.00 min

Lab File: BN003218.D

Acq: 19 Oct 2018 21:57

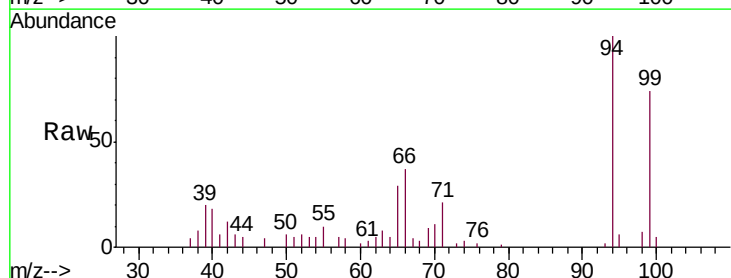
Tgt Ion: 94 Resp: 46493

Ion Ratio Lower Upper

94 100

65 28.7 21.2 31.8

66 36.9 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

30000

25000

20000

15000

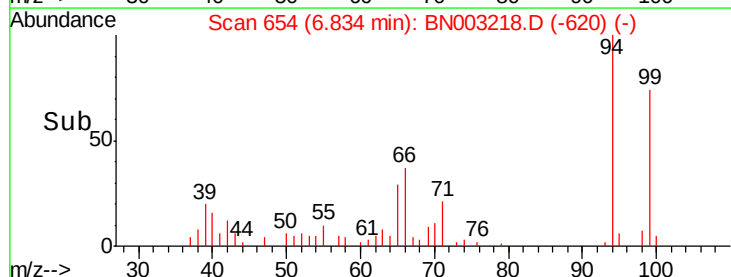
10000

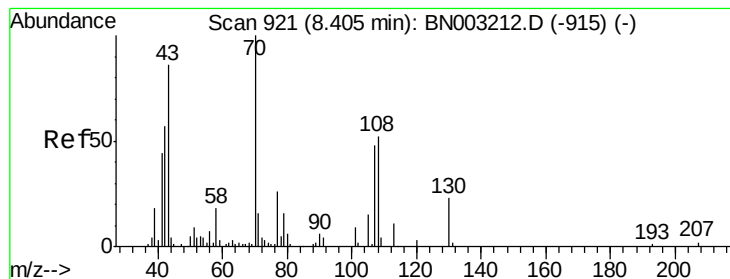
5000

0

6.75 6.80 6.85 6.90 6.95

Time-->





#15

N-Nitroso-di-n-propylamine

Concen: 0.515 ng/ul

RT: 8.33 min Scan# 909

Delta R.T. -0.07 min

Lab File: BN003218.D

Acq: 19 Oct 2018 21:57

Instrument :

BNA_N

ClientSampleId :

C0AH1

Tgt Ion: 70 Resp: 2754

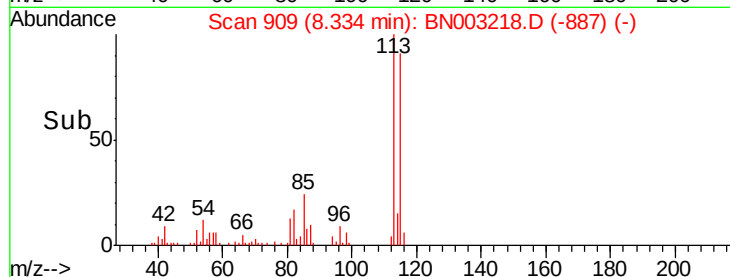
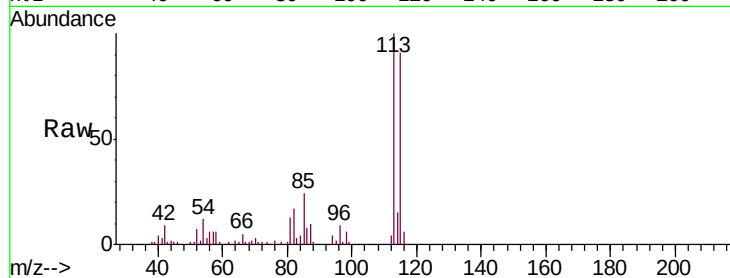
Ion Ratio Lower Upper

70 100

42 313.2 44.5 66.7#

101 0.0 7.9 11.9#

130 0.0 18.7 28.1#

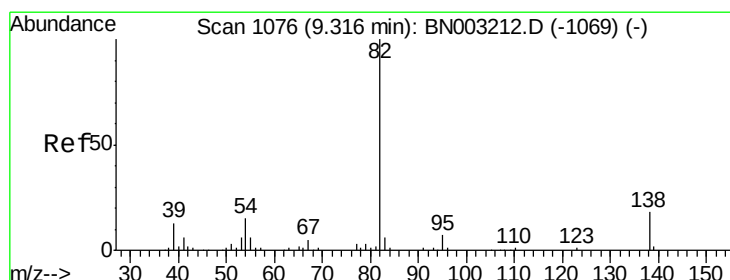
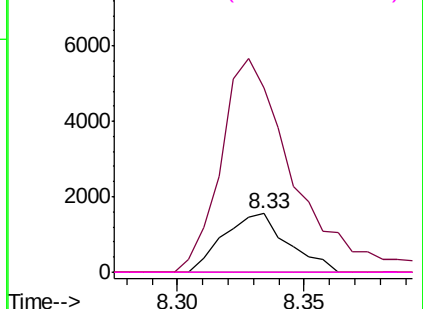


Abundance Ion 70.00 (69.70 to 70.70): BN0

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



#21

Isophorone

Concen: 0.319 ng/ul

RT: 9.48 min Scan# 1104

Delta R.T. 0.16 min

Lab File: BN003218.D

Acq: 19 Oct 2018 21:57

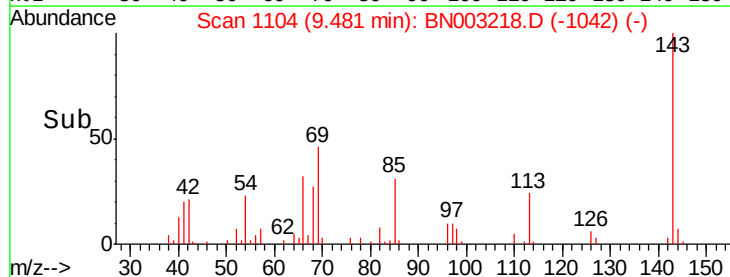
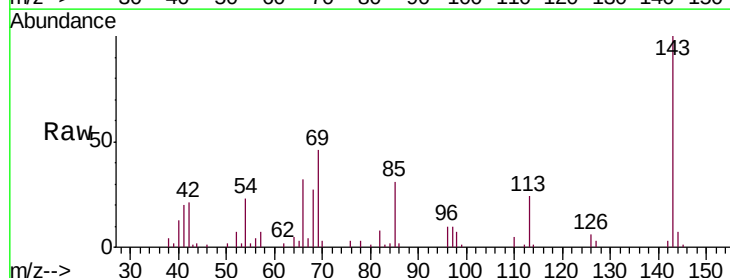
Tgt Ion: 82 Resp: 4905

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

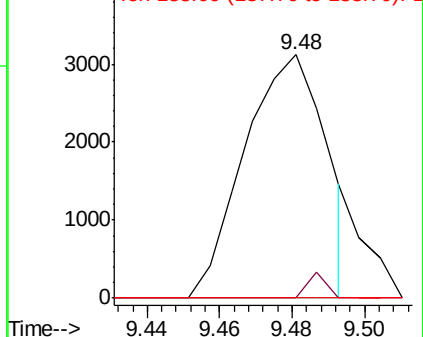
138 0.0 14.5 21.7#

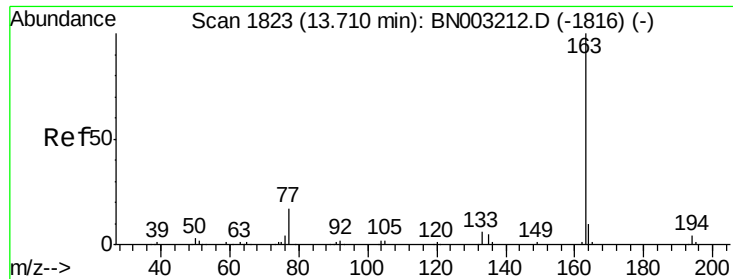


Abundance Ion 82.00 (81.70 to 82.70): BN0

Ion 95.00 (94.70 to 95.70): BN0

Ion 138.00 (137.70 to 138.70): E

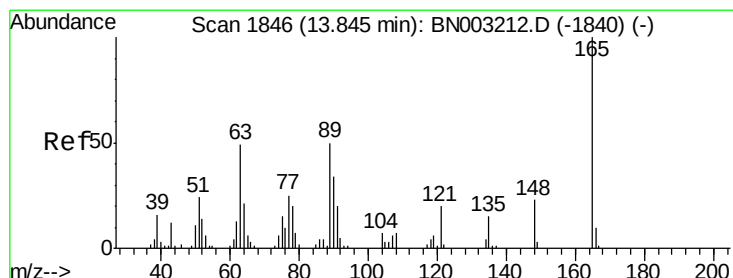
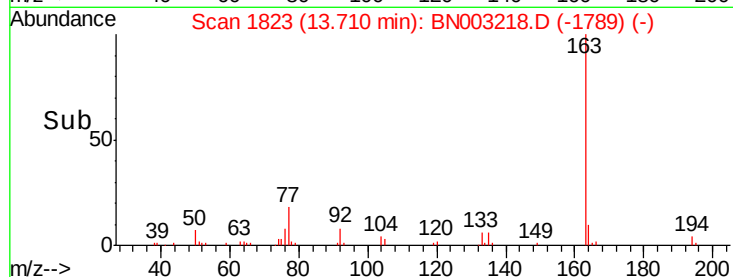
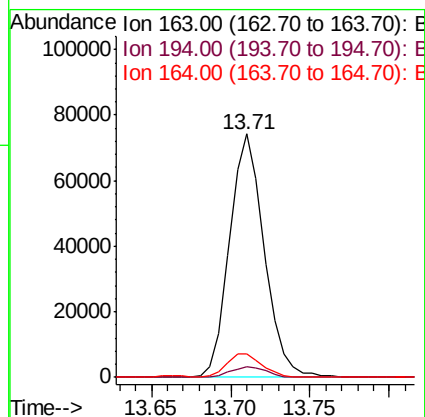
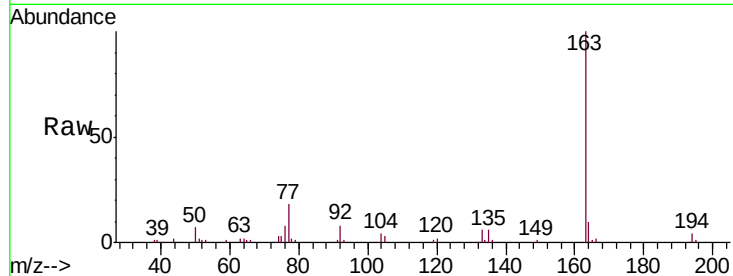




#44
Dimethylphthalate
Concen: 4.909 ng/ul
RT: 13.71 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BN003218.D
Acq: 19 Oct 2018 21:57

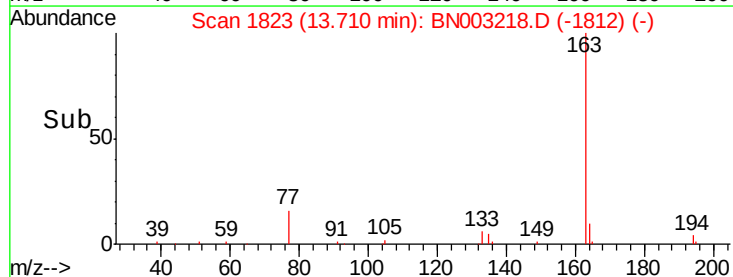
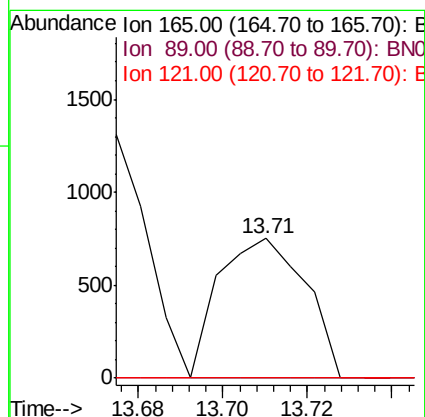
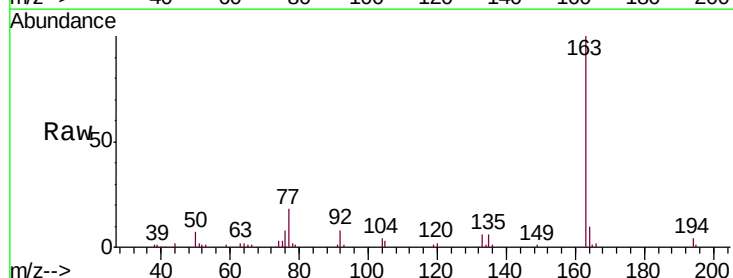
Instrument :
BNA_N
ClientSampleId :
C0AH1

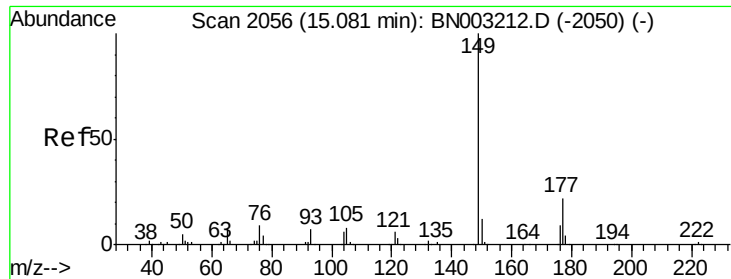
Tgt Ion:163 Resp: 112254
Ion Ratio Lower Upper
163 100
194 4.2 3.7 5.5
164 9.8 8.3 12.5



#45
2,6-Dinitrotoluene
Concen: 0.235 ng/ul
RT: 13.71 min Scan# 1823
Delta R.T. -0.14 min
Lab File: BN003218.D
Acq: 19 Oct 2018 21:57

Tgt Ion:165 Resp: 1075
Ion Ratio Lower Upper
165 100
89 0.0 40.3 60.5#
121 0.0 15.7 23.5#

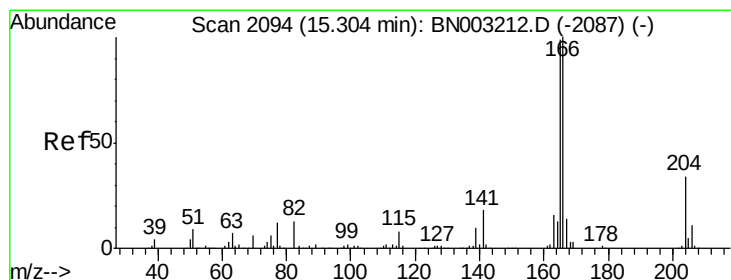
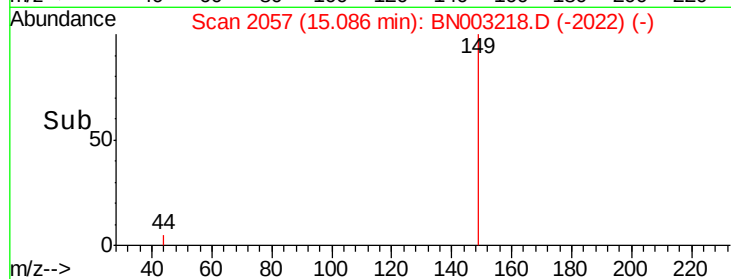
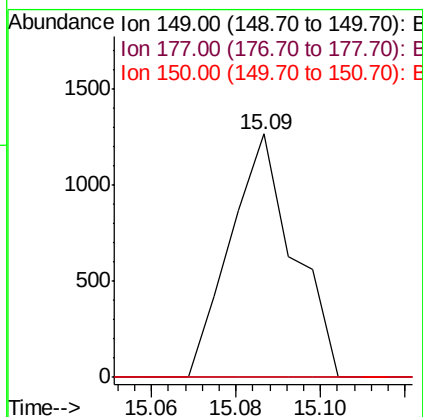
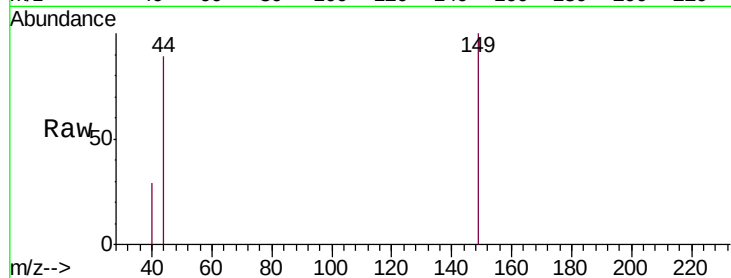




#56
Diethylphthalate
Concen: 0.057 ng/ul
RT: 15.09 min Scan# 2057
Delta R.T. 0.01 min
Lab File: BN003218.D
Acq: 19 Oct 2018 21:57

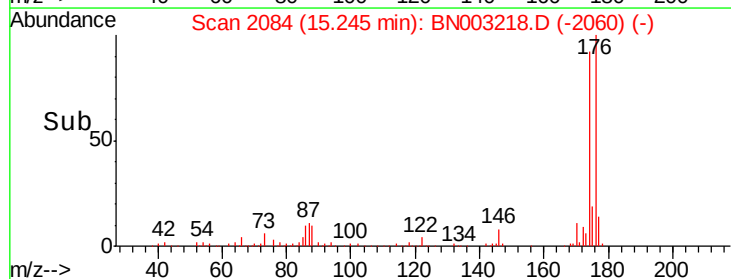
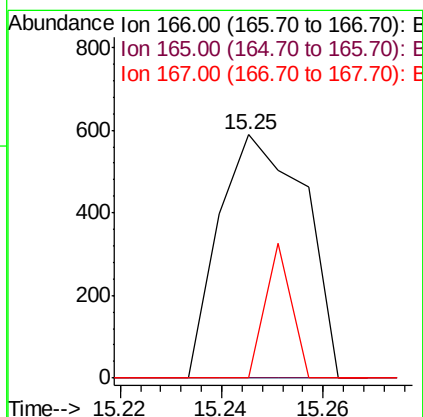
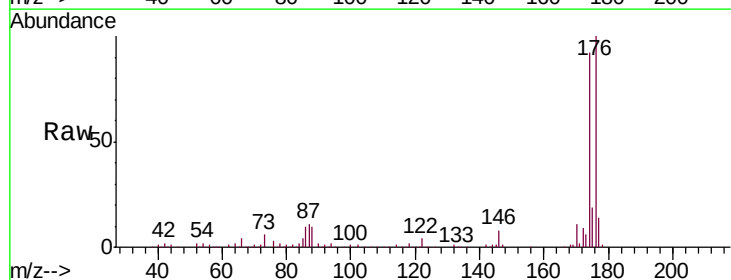
Instrument :
BNA_N
ClientSampleId :
C0AH1

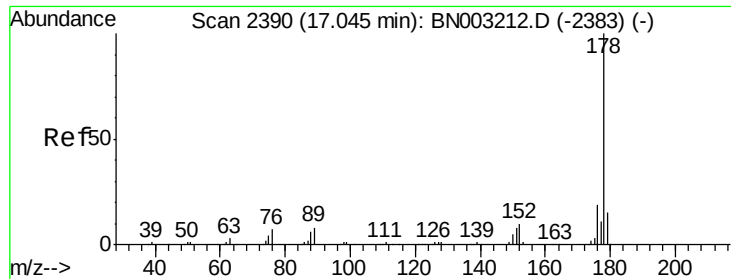
Tgt Ion:149 Resp: 1319
Ion Ratio Lower Upper
149 100
177 0.0 17.3 25.9#
150 0.0 10.2 15.4#



#58
Fluorene
Concen: 0.031 ng/ul
RT: 15.25 min Scan# 2084
Delta R.T. -0.06 min
Lab File: BN003218.D
Acq: 19 Oct 2018 21:57

Tgt Ion:166 Resp: 689
Ion Ratio Lower Upper
166 100
165 0.0 78.7 118.1#
167 0.0 10.2 15.2#





#69

Phenanthrene

Concen: 0.007 ng/ul

RT: 17.05 min Scan# 2391

Delta R.T. 0.01 min

Lab File: BN003218.D

Acq: 19 Oct 2018 21:57

Instrument :

BNA_N

ClientSampleId :

C0AH1

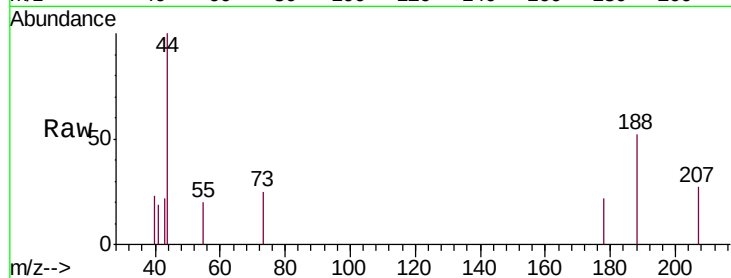
Tgt Ion:178 Resp: 258

Ion Ratio Lower Upper

178 100

179 0.0 12.6 19.0#

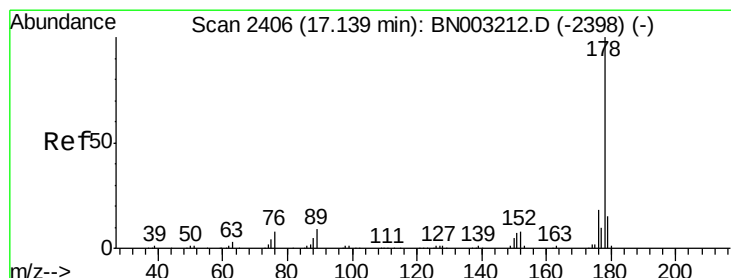
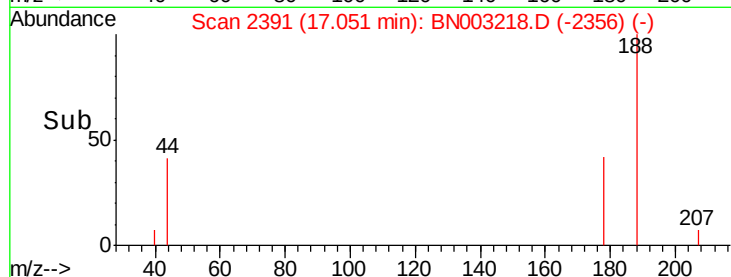
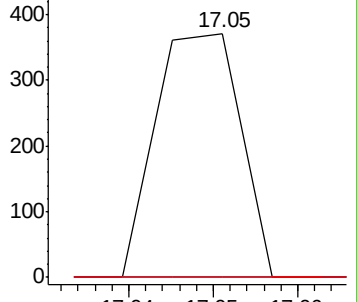
176 0.0 14.7 22.1#



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: 0.007 ng/ul

RT: 17.05 min Scan# 2391

Delta R.T. -0.09 min

Lab File: BN003218.D

Acq: 19 Oct 2018 21:57

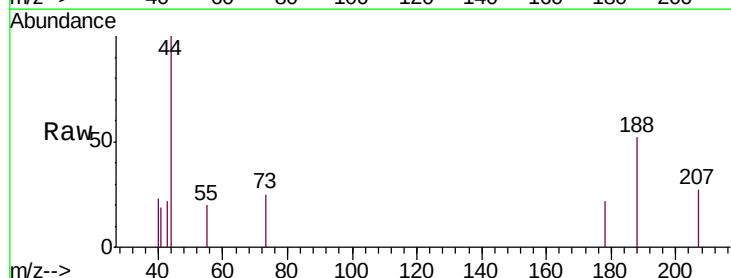
Tgt Ion:178 Resp: 258

Ion Ratio Lower Upper

178 100

179 0.0 12.2 18.4#

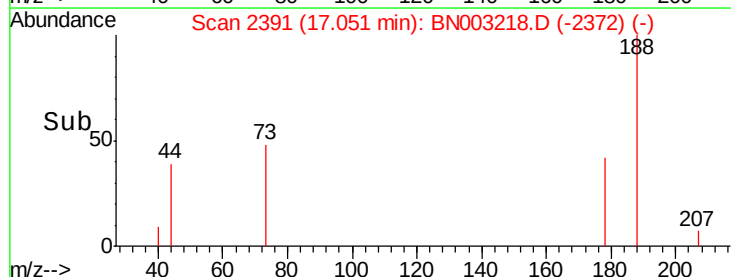
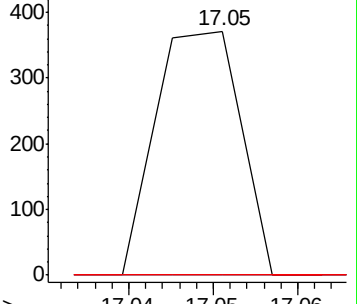
176 0.0 14.9 22.3#

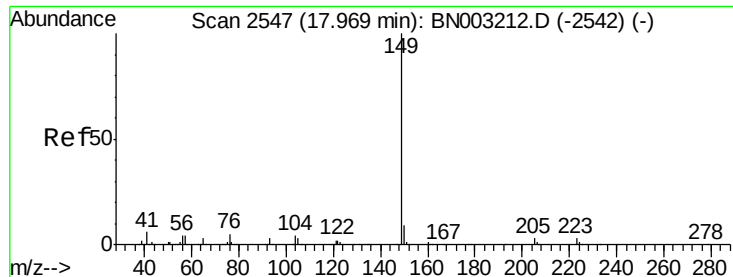


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

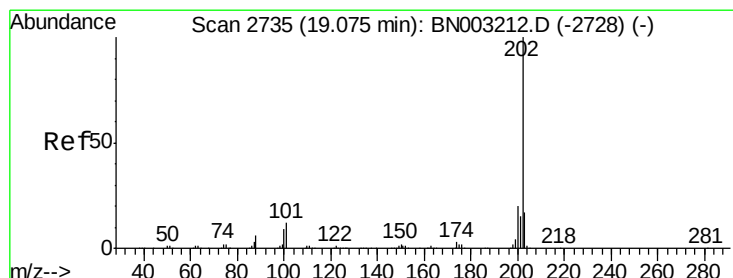
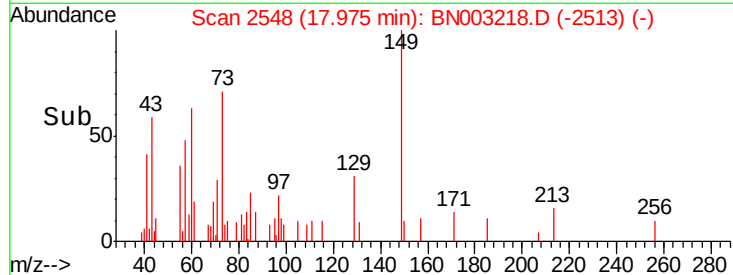
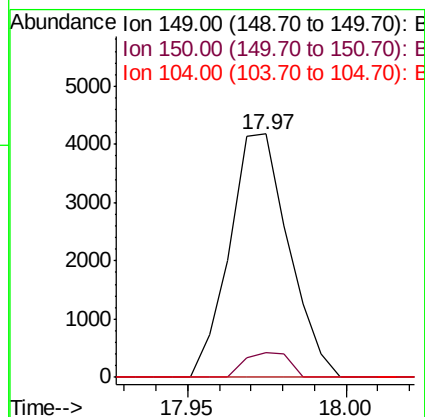
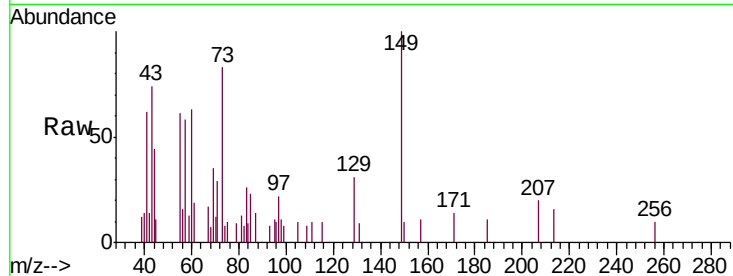




#75
Di-n-butylphthalate
Concen: 0.136 ng/ul
RT: 17.97 min Scan# 2548
Delta R.T. 0.01 min
Lab File: BN003218.D
Acq: 19 Oct 2018 21:57

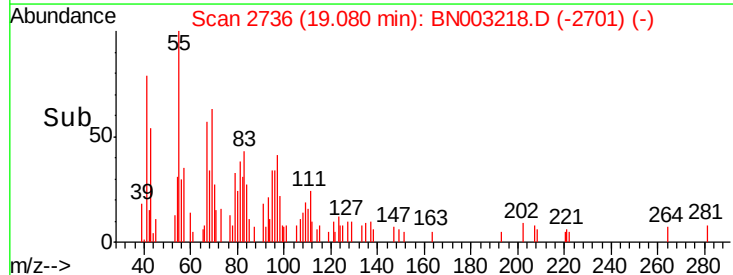
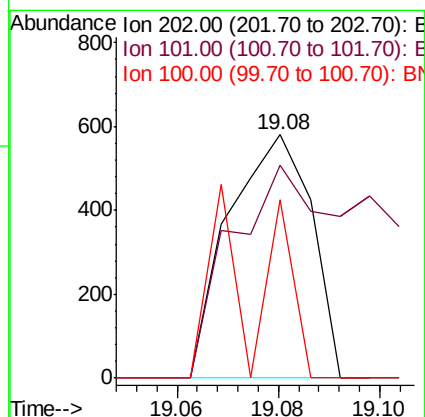
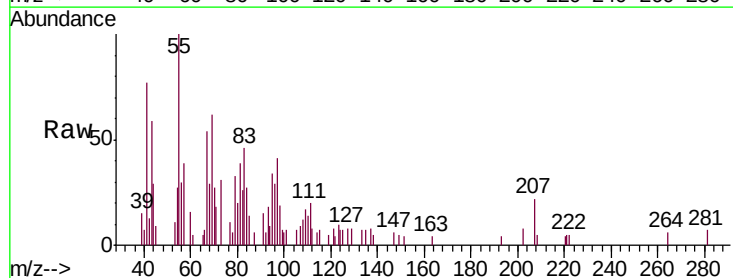
Instrument :
BNA_N
ClientSampled :
C0AH1

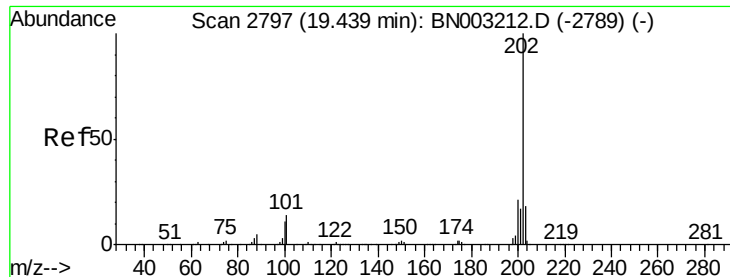
Tgt Ion:149 Resp: 5405
Ion Ratio Lower Upper
149 100
150 10.0 7.4 11.0
104 0.0 3.6 5.4#



#76
Fluoranthene
Concen: 0.015 ng/ul
RT: 19.08 min Scan# 2736
Delta R.T. 0.01 min
Lab File: BN003218.D
Acq: 19 Oct 2018 21:57

Tgt Ion:202 Resp: 653
Ion Ratio Lower Upper
202 100
101 87.3 9.4 14.2#
100 73.5 7.2 10.8#





#79

Pyrene

Concen: 0.012 ng/ul

RT: 19.44 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BN003218.D

Acq: 19 Oct 2018 21:57

Instrument :

BNA_N

ClientSampleId :

C0AH1

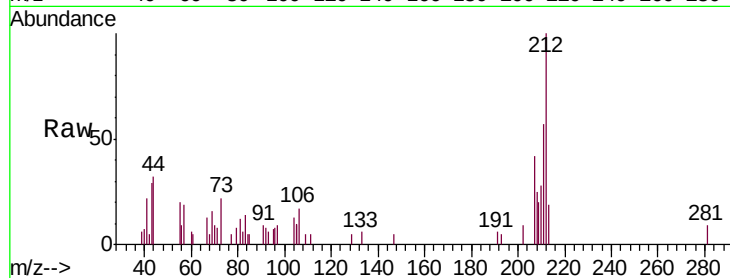
Tgt Ion:202 Resp: 532

Ion Ratio Lower Upper

202 100

101 0.0 10.8 16.2#

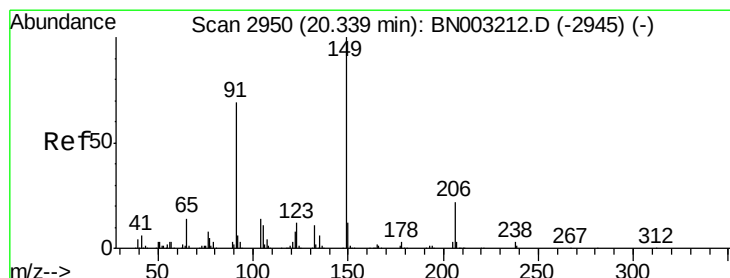
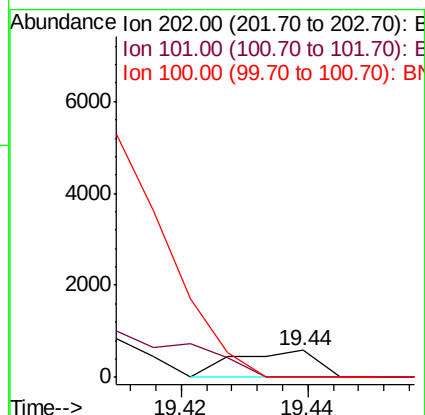
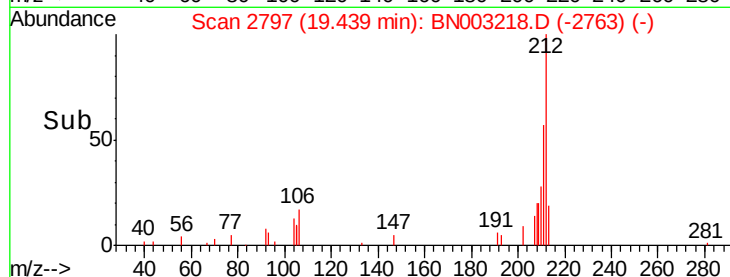
100 0.0 8.6 13.0#



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: 0.022 ng/ul

RT: 20.35 min Scan# 2951

Delta R.T. 0.01 min

Lab File: BN003218.D

Acq: 19 Oct 2018 21:57

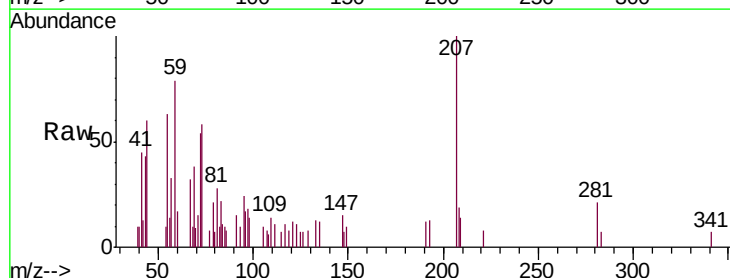
Tgt Ion:149 Resp: 416

Ion Ratio Lower Upper

149 100

91 157.3 53.5 80.3#

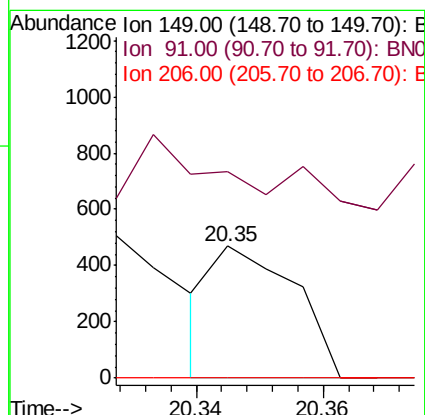
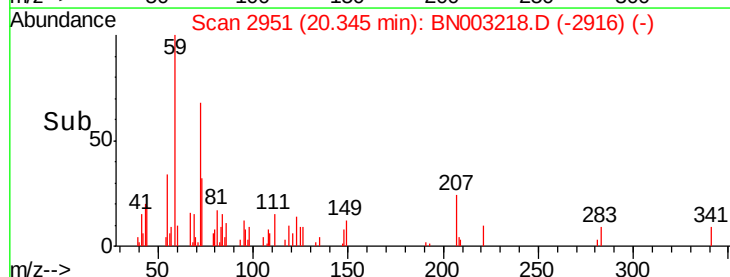
206 0.0 17.0 25.4#

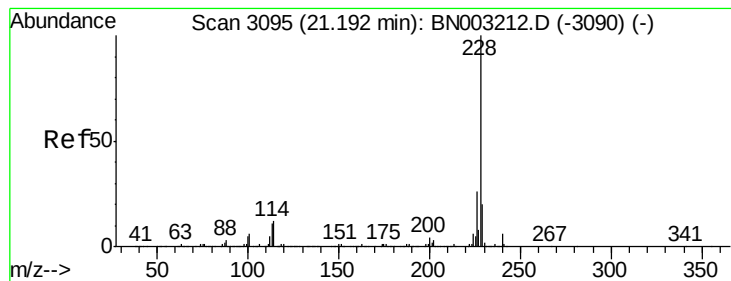


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





#82

Benzo(a)anthracene

Concen: 0.049 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. 0.02 min

Lab File: BN003218.D

Acq: 19 Oct 2018 21:57

Instrument :

BNA_N

ClientSampleId :

C0AH1

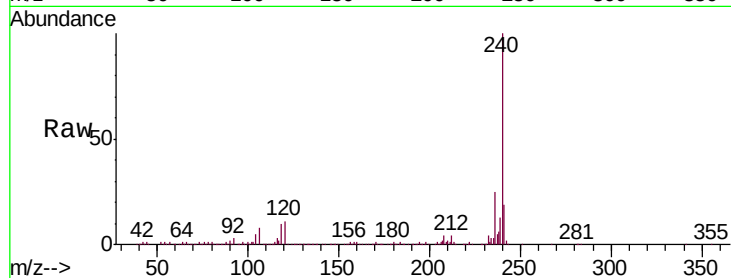
Tgt Ion:228 Resp: 2276

Ion Ratio Lower Upper

228 100

229 37.4 15.4 23.2#

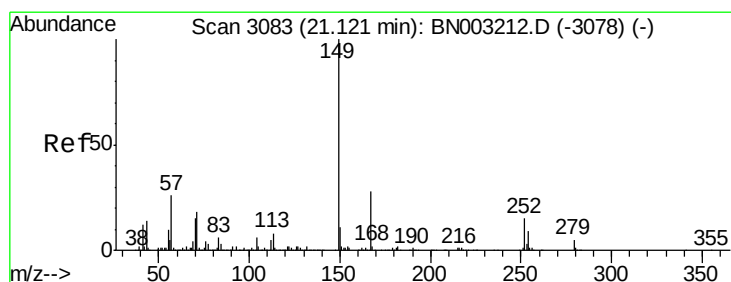
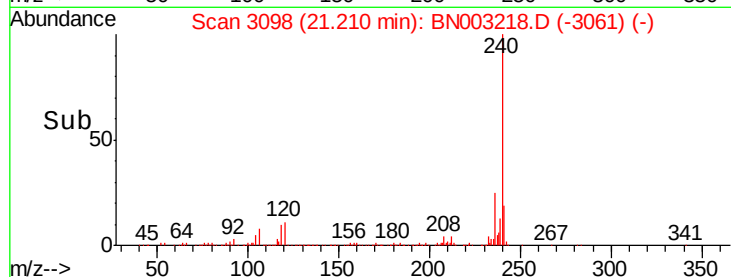
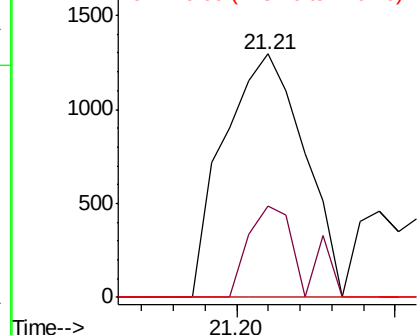
226 0.0 21.4 32.2#



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: 0.226 ng/ul

RT: 21.12 min Scan# 3083

Delta R.T. -0.00 min

Lab File: BN003218.D

Acq: 19 Oct 2018 21:57

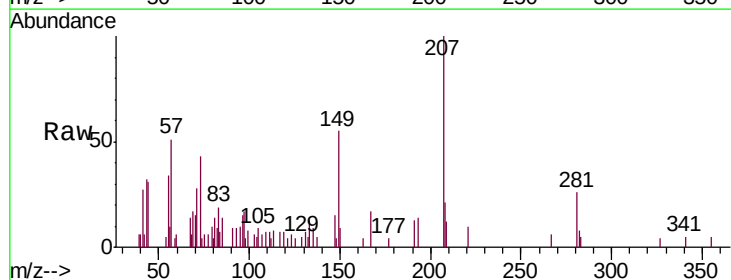
Tgt Ion:149 Resp: 6473

Ion Ratio Lower Upper

149 100

167 30.8 22.4 33.6

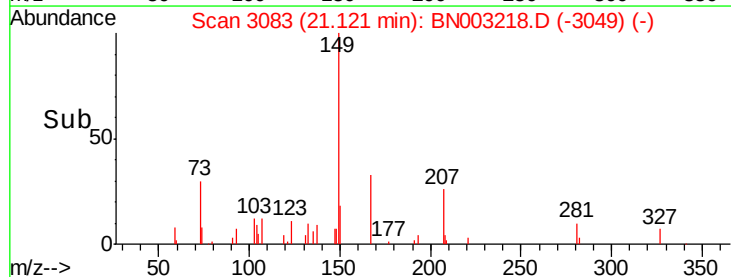
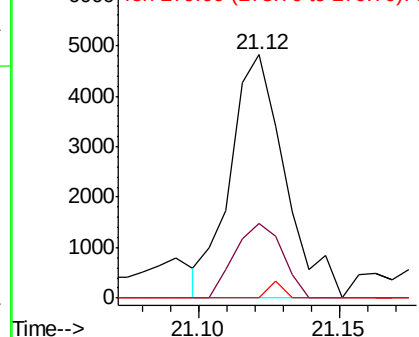
279 0.0 3.7 5.5#

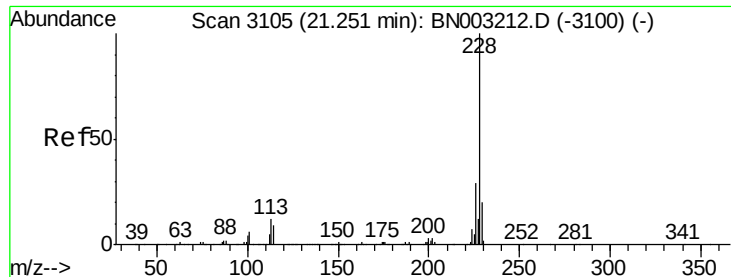


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 0.010 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BN003218.D

Acq: 19 Oct 2018 21:57

Instrument :

BNA_N

ClientSampleId :

C0AH1

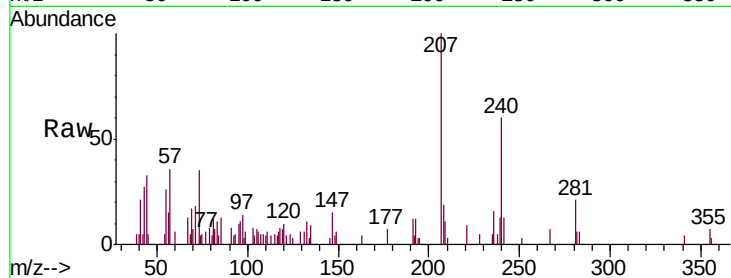
Tgt Ion:228 Resp: 429

Ion Ratio Lower Upper

228 100

226 0.0 23.1 34.7#

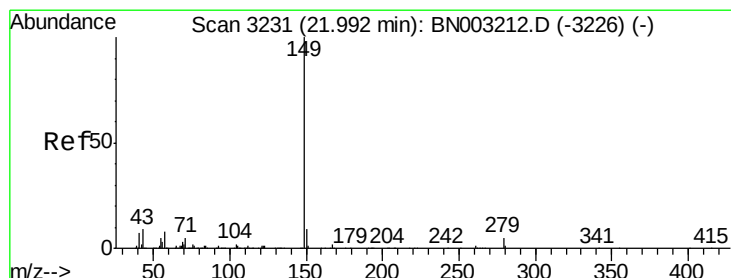
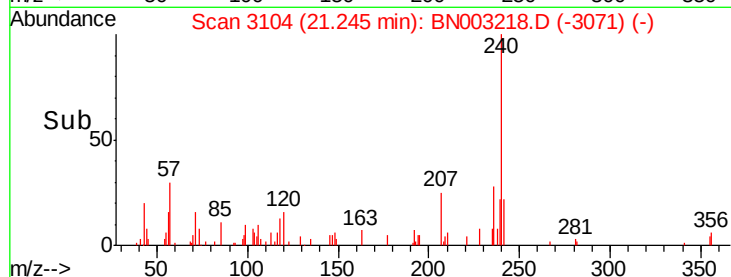
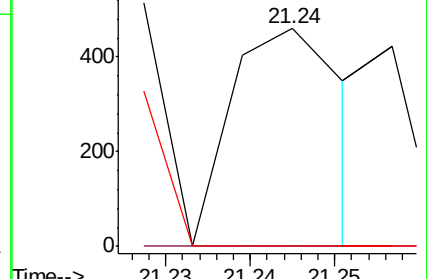
229 0.0 15.7 23.5#



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: 22.01 min Scan# 3234

Delta R.T. 0.02 min

Lab File: BN003218.D

Acq: 19 Oct 2018 21:57

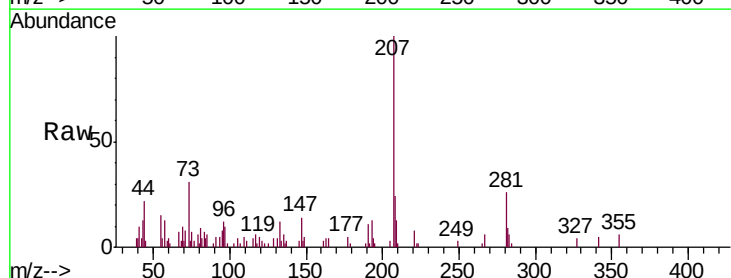
Tgt Ion:149 Resp: 228

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

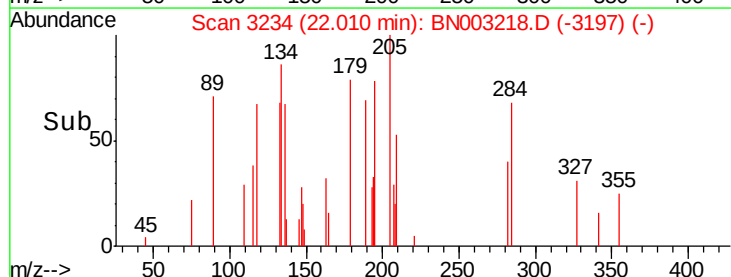
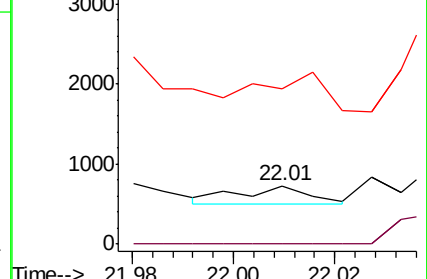
43 265.8 6.8 10.2#

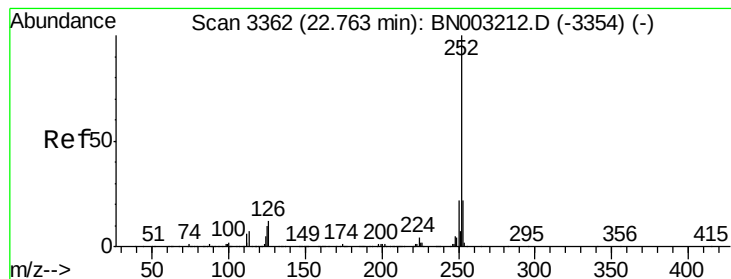


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC





#87

Benzo(b)fluoranthene

Concen: 0.048 ng/ul

RT: 22.78 min Scan# 3365

Delta R.T. 0.02 min

Lab File: BN003218.D

Acq: 19 Oct 2018 21:57

Instrument :

BNA_N

ClientSampleId :

C0AH1

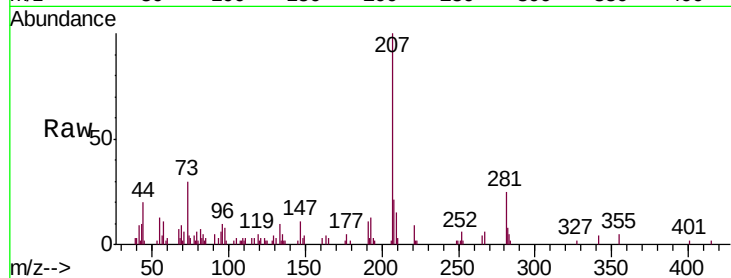
Tgt Ion:252 Resp: 2308

Ion Ratio Lower Upper

252 100

253 33.7 17.4 26.2#

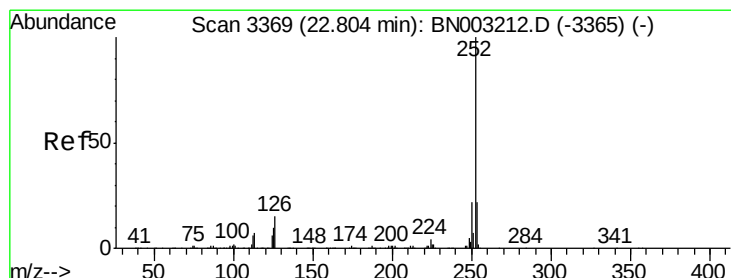
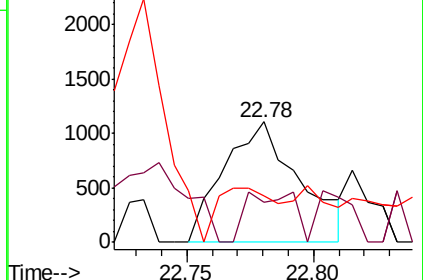
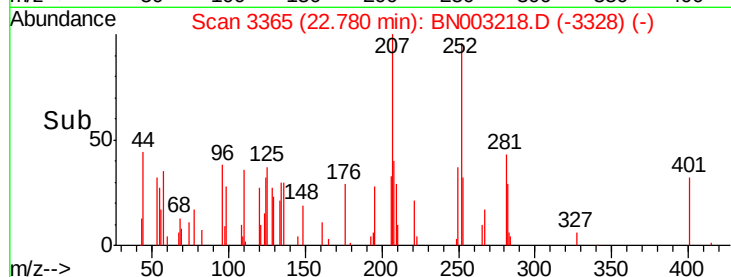
125 38.5 8.7 13.1#



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: 0.011 ng/ul

RT: 22.82 min Scan# 3371

Delta R.T. 0.01 min

Lab File: BN003218.D

Acq: 19 Oct 2018 21:57

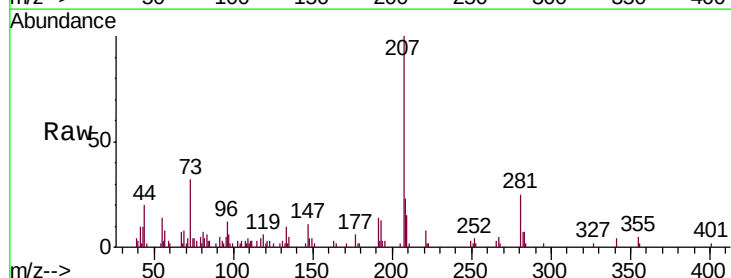
Tgt Ion:252 Resp: 480

Ion Ratio Lower Upper

252 100

253 51.9 17.8 26.8#

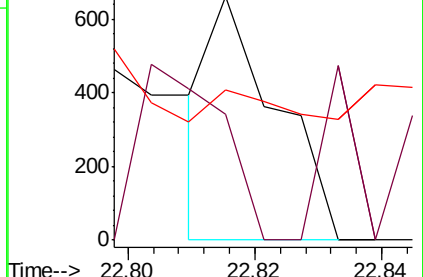
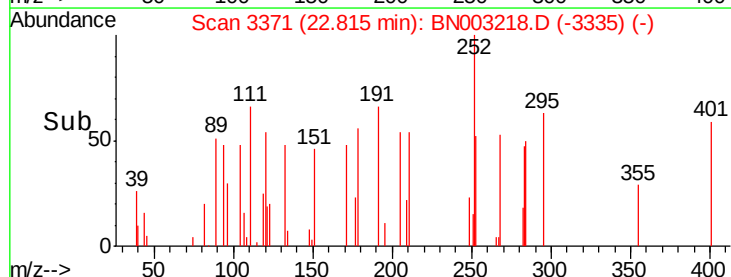
125 61.7 8.2 12.4#

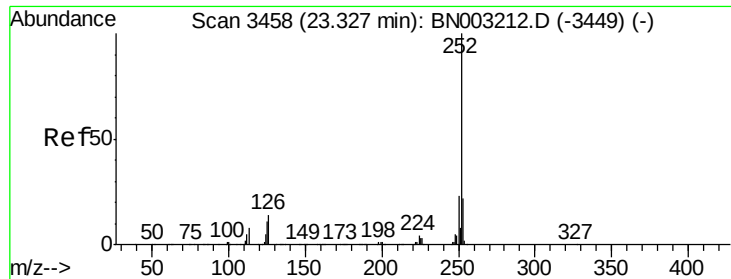


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.013 ng/ul

RT: 23.32 min Scan# 3457

Delta R.T. -0.01 min

Lab File: BN003218.D

Acq: 19 Oct 2018 21:57

Instrument :

BNA_N

ClientSampleId :

C0AH1

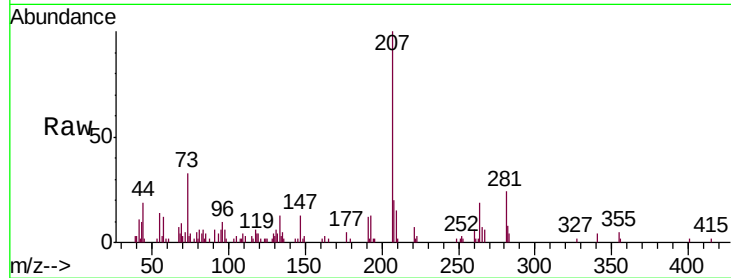
Tgt Ion: 252 Resp: 597

Ion Ratio Lower Upper

252 100

253 81.5 17.5 26.3#

125 64.8 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

