

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
 Data File : BN002011.D
 Acq On : 11 Jul 2018 15:25
 Operator : JU/SJ
 Sample : J3775-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 11 22:42:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 11 22:41:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	468608	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2173084	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1288751	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	2908410	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	2744833	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2385888	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	43248	4.01	ng/uL	0.00
5) Phenol-d5	6.89	99	1091040	25.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	675345	25.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	884856	26.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	818102	24.08	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	449964	27.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	499773	29.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	923972	25.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	570203	15.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2844080	26.13	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	3652666	27.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	445542	22.22	ng/ul	0.00
57) Fluorene-d10	15.33	176	2593490	27.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	408590	25.79	ng/ul	0.00
70) Anthracene-d10	17.19	188	4013087	28.56	ng/ul	0.00
76) Pyrene-d10	19.49	212	4339759	31.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.39	264	3674081	28.32	ng/ul	0.01

Target Compounds

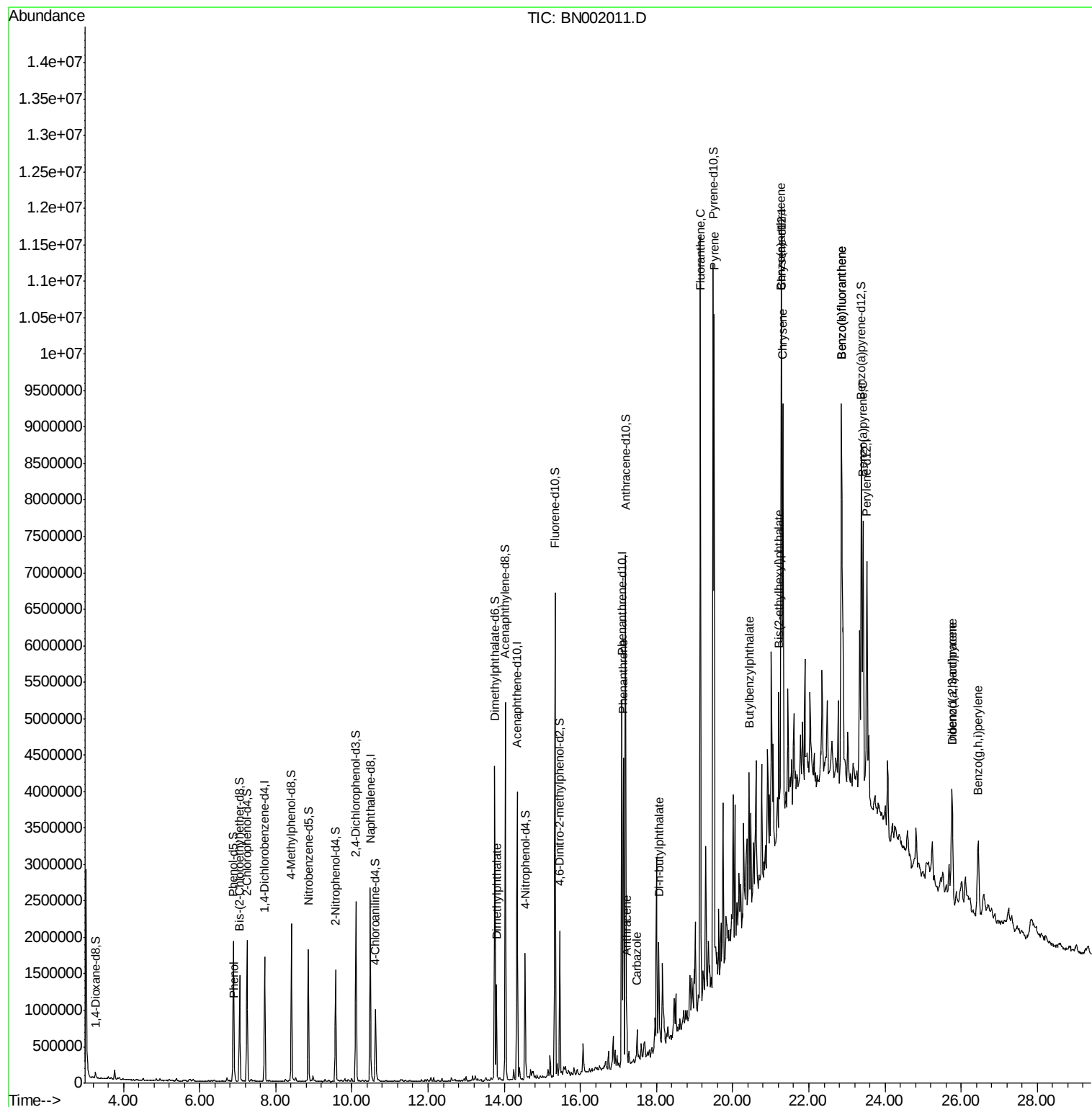
					Ovalue	
6) Phenol	6.91	94	62716	1.466	ng/ul	92
44) Dimethylphthalate	13.80	163	807261	7.547	ng/ul	99
69) Phenanthrene	17.13	178	2532829	15.459	ng/ul	99
71) Anthracene	17.22	178	526777	3.176	ng/ul	98
72) Carbazole	17.49	167	253473	1.825	ng/ul	98
73) Di-n-butylphthalate	18.06	149	1010105	5.758	ng/ul	99
74) Fluoranthene	19.15	202	6294831	36.552	ng/ul#	89
77) Pyrene	19.52	202	5227925	30.436	ng/ul#	87
78) Butylbenzylphthalate	20.43	149	460450	6.282	ng/ul	94
80) Benzo(a)anthracene	21.27	228	3091238	17.820	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.22	149	736883	6.742	ng/ul	99
82) Chrysene	21.32	228	2949980	18.277	ng/ul	97
85) Benzo(b)fluoranthene	22.86	252	3664860	24.320	ng/ul#	93
86) Benzo(k)fluoranthene	22.86	252	3664860	25.080	ng/ul#	92
88) Benzo(a)pyrene	23.43	252	2073137	14.722	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.76	276	1440459	9.613	ng/ul#	92
90) Dibenzo(a,h)anthracene	25.76	278	390078	3.128	ng/ul#	79
91) Benzo(g,h,i)perylene	26.44	276	1259016	10.186	ng/ul#	90

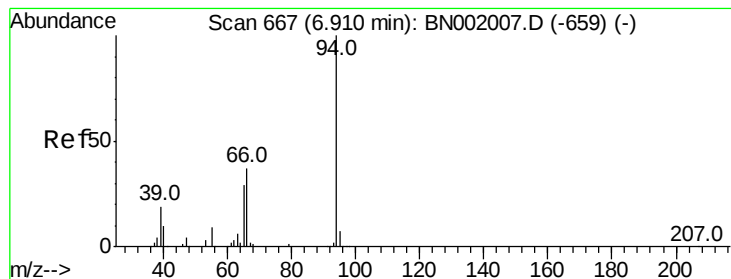
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 11 22:41:21 2018
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#6

Phenol

Concen: 1.466 ng/ul

RT: 6.91 min Scan# 667

Delta R.T. 0.00 min

Lab File: BN002011.D

Acq: 11 Jul 2018 15:25

Instrument :

BNA_N

ClientSampleId :

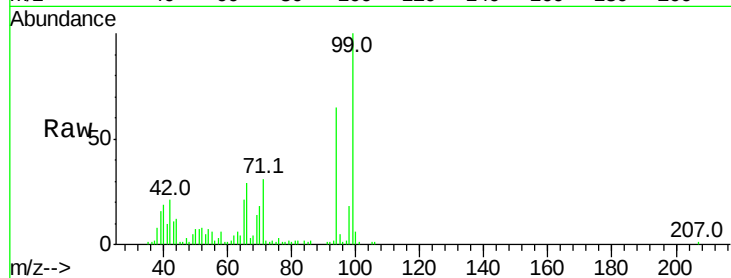
Tot Ion: 94 Resp: 62716

Ion Ratio Lower Upper

94 100

65 31.8 23.0 34.6

66 43.9 30.4 45.6



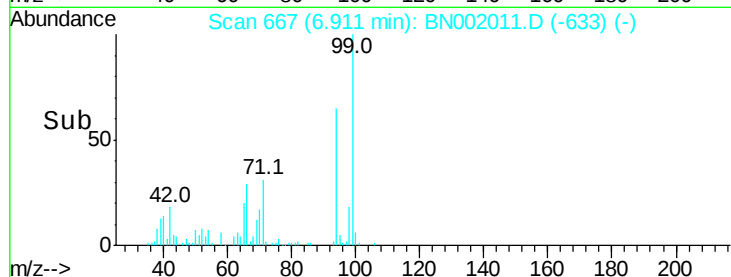
Abundance Ion 94.00 (93.70 to 94.70): BN002007.D (-659) (-)

Ion 65.00 (64.70 to 65.70): BN002007.D (-659) (-)

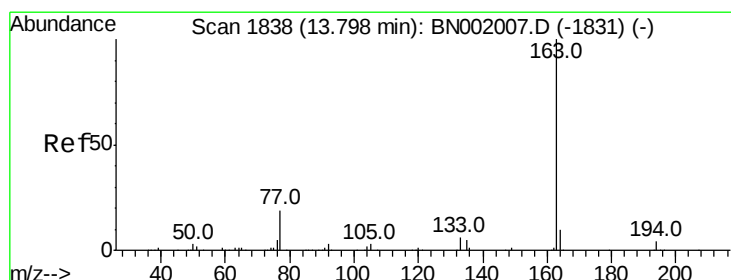
Ion 66.00 (65.70 to 66.70): BN002007.D (-659) (-)

6.91

Time-->



Time-->



#44

Dimethylphthalate

Concen: 7.547 ng/ul

RT: 13.80 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BN002011.D

Acq: 11 Jul 2018 15:25

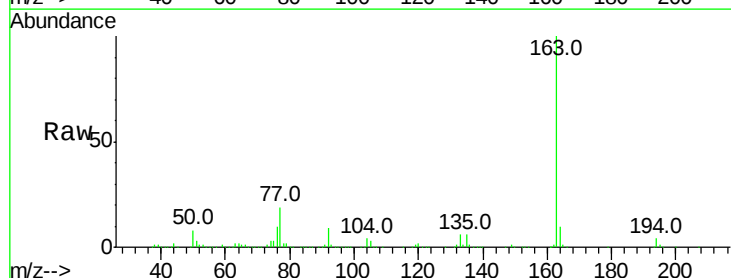
Tgt Ion: 163 Resp: 807261

Ion Ratio Lower Upper

163 100

194 4.2 4.0 6.0

164 10.2 8.4 12.6



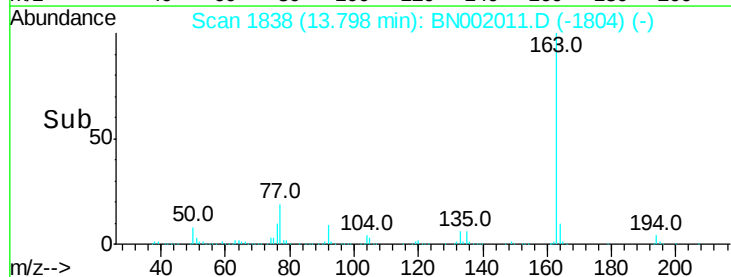
Abundance Ion 163.00 (162.70 to 163.70): BN002007.D (-1831) (-)

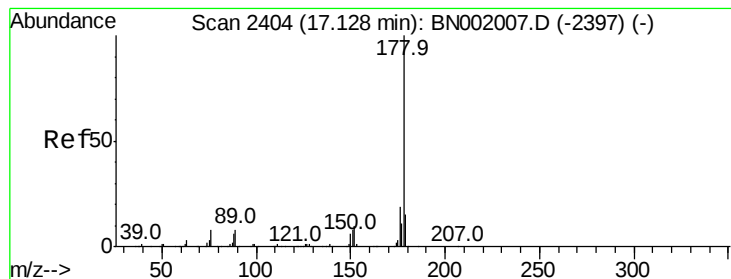
Ion 194.00 (193.70 to 194.70): BN002007.D (-1831) (-)

Ion 164.00 (163.70 to 164.70): BN002007.D (-1831) (-)

13.80

Time-->





#69

Phenanthrene

Concen: 15.459 ng/ul

RT: 17.13 min Scan# 2404

Delta R.T. 0.00 min

Lab File: BN002011.D

Acq: 11 Jul 2018 15:25

Instrument :

BNA_N

ClientSampled :

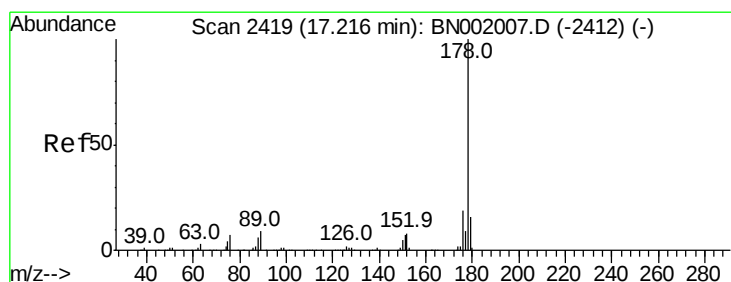
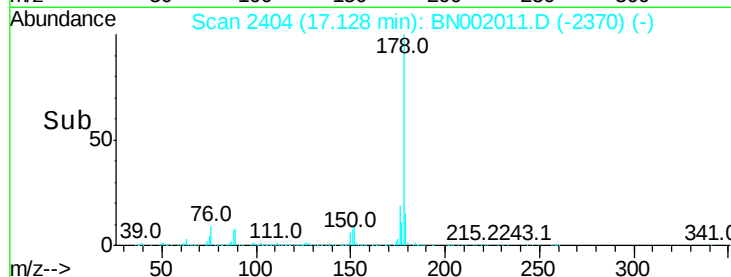
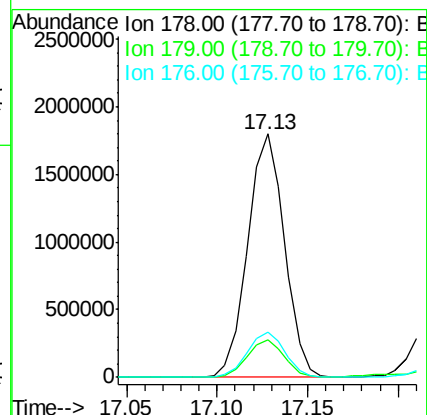
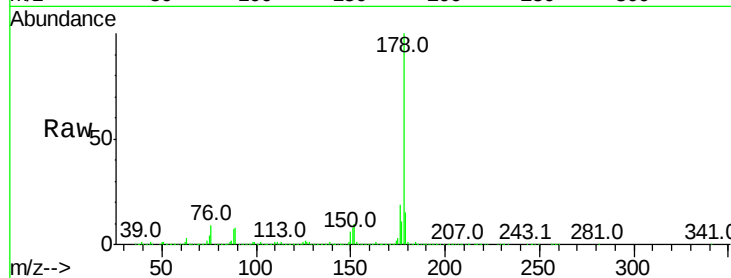
Tot Ion:178 Resp: 2532829

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 18.7 15.4 23.0



#71

Anthracene

Concen: 3.176 ng/ul

RT: 17.22 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BN002011.D

Acq: 11 Jul 2018 15:25

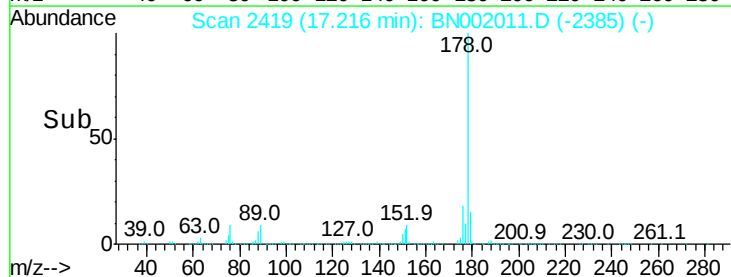
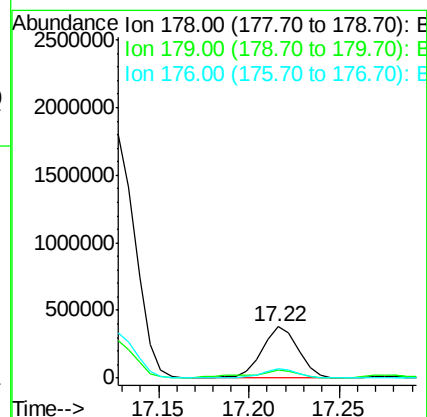
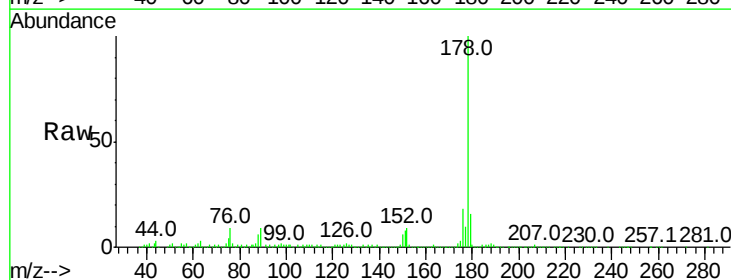
Tgt Ion:178 Resp: 526777

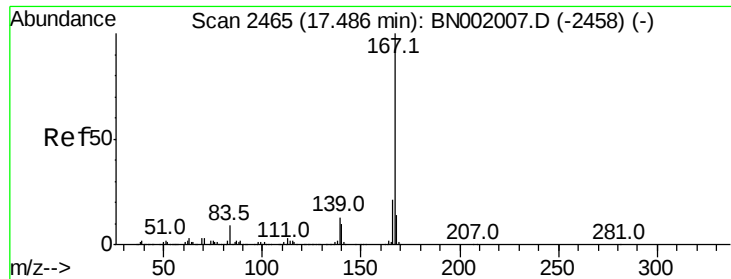
Ion Ratio Lower Upper

178 100

179 15.7 13.4 20.2

176 18.4 15.4 23.0





#72

Carbazole

Concen: 1.825 ng/ul

RT: 17.49 min Scan# 2465

Delta R.T. 0.00 min

Lab File: BN002011.D

Acq: 11 Jul 2018 15:25

Instrument :

BNA_N

ClientSampleId :

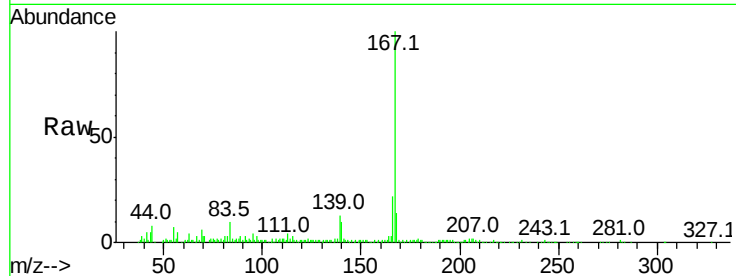
Tot Ion:167 Resp: 253473

Ion Ratio Lower Upper

167 100

166 21.8 17.0 25.4

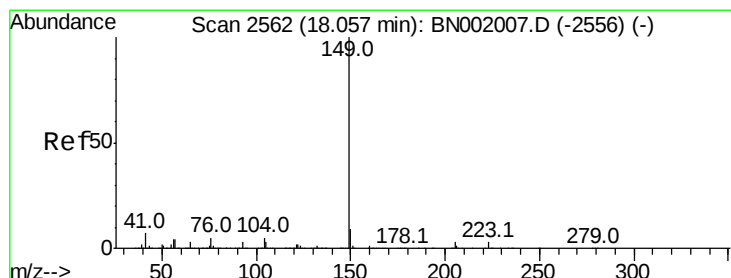
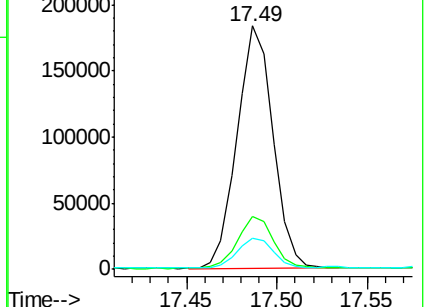
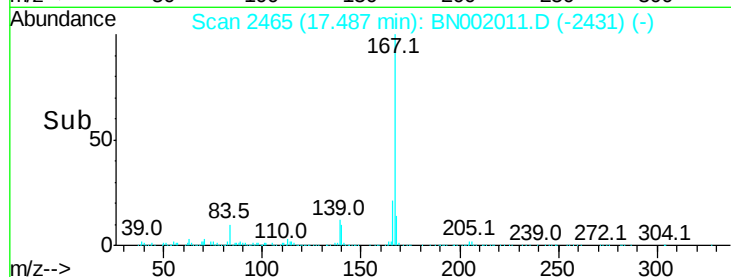
139 12.6 9.1 13.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 5.758 ng/ul

RT: 18.06 min Scan# 2563

Delta R.T. 0.01 min

Lab File: BN002011.D

Acq: 11 Jul 2018 15:25

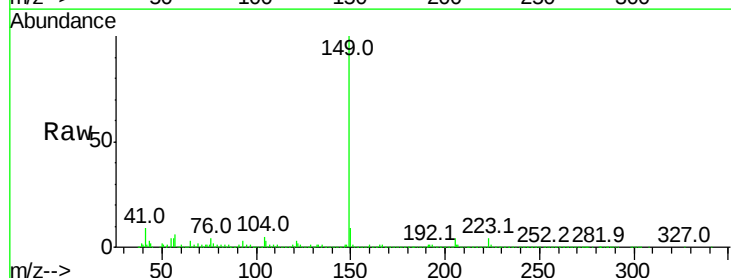
Tgt Ion:149 Resp: 1010105

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

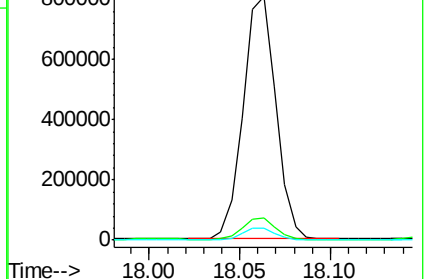
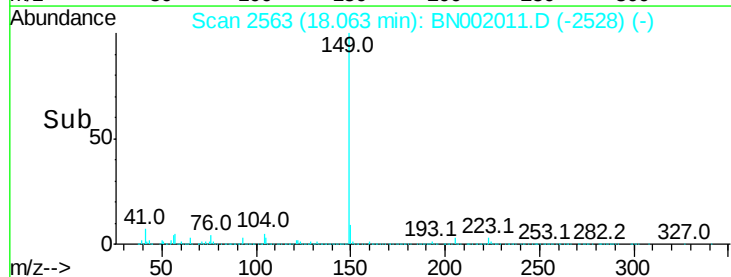
104 4.8 4.1 6.1

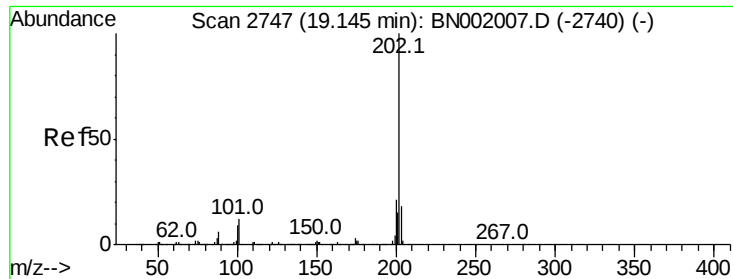


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

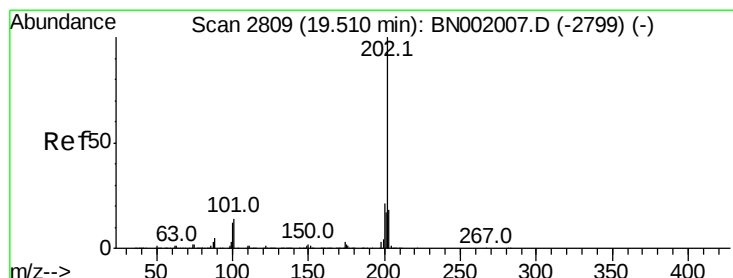
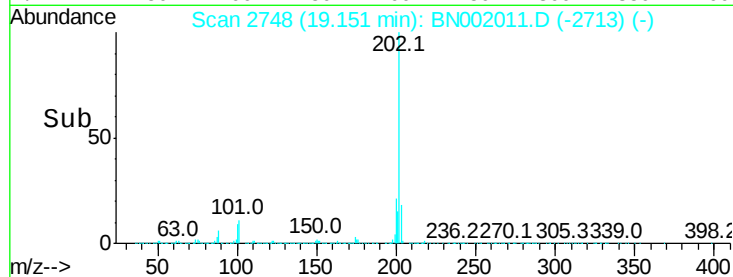
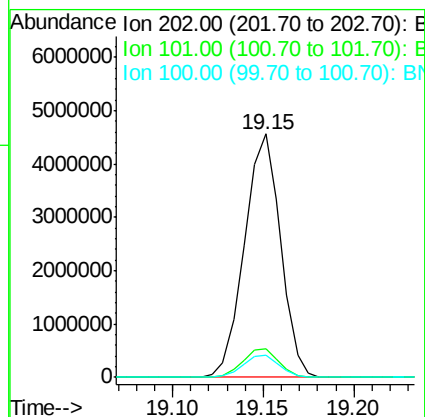
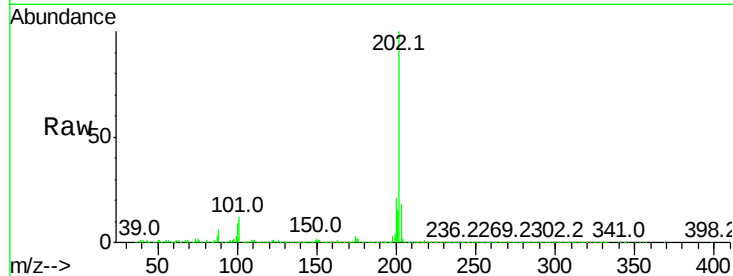




#74
 Fluoranthene
 Concen: 36.552 ng/ul
 RT: 19.15 min Scan# 2748
 Delta R.T. 0.01 min
 Lab File: BN002011.D
 Acq: 11 Jul 2018 15:25

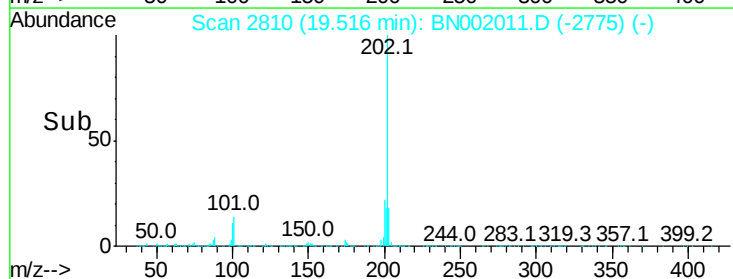
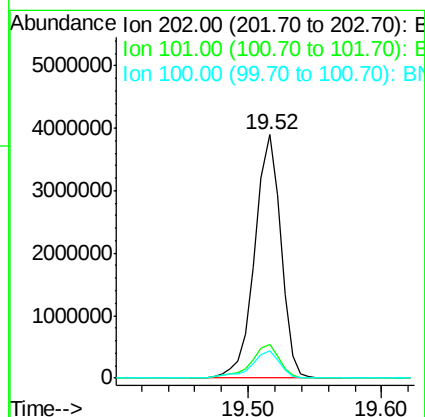
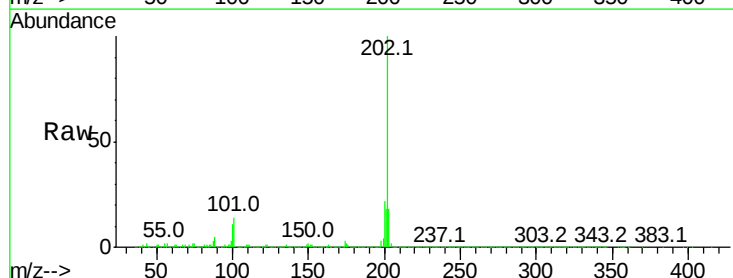
Instrument :
 BNA_N
 ClientSampleId :

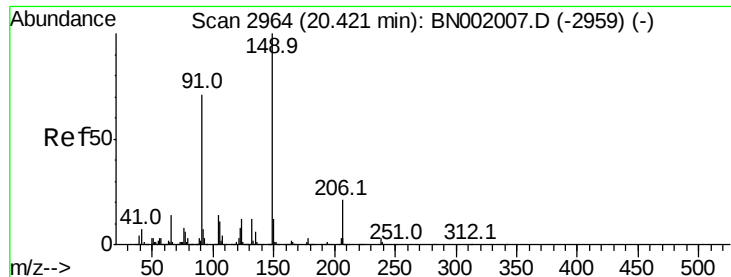
Tot Ion:202 Resp: 6294831
 Ion Ratio Lower Upper
 202 100
 101 11.6 6.1 9.1#
 100 8.9 4.6 7.0#



#77
 Pyrene
 Concen: 30.436 ng/ul
 RT: 19.52 min Scan# 2810
 Delta R.T. 0.01 min
 Lab File: BN002011.D
 Acq: 11 Jul 2018 15:25

Tgt Ion:202 Resp: 5227925
 Ion Ratio Lower Upper
 202 100
 101 13.7 6.9 10.3#
 100 11.1 5.6 8.4#

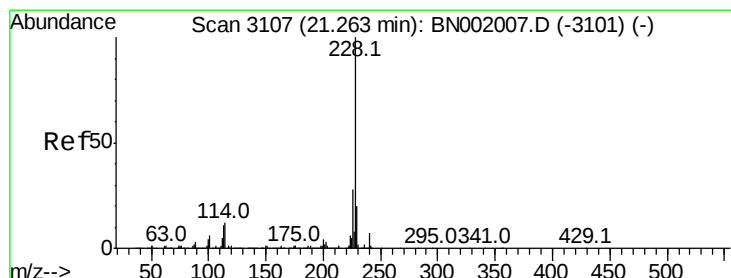
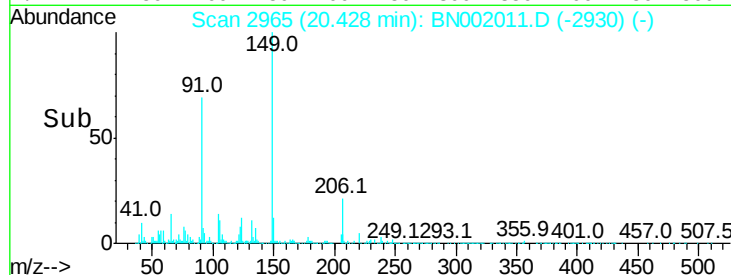
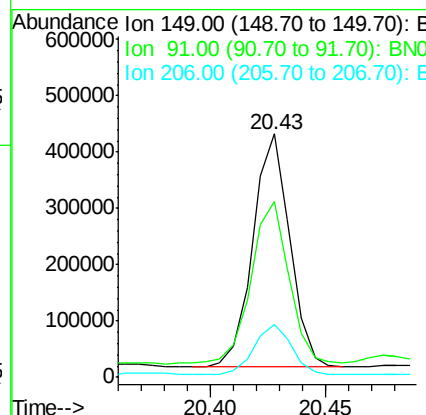
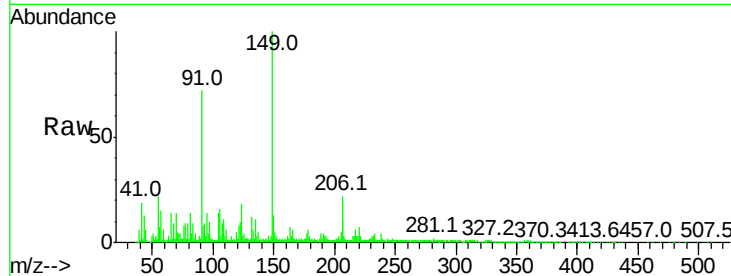




#78
Butylbenzylphthalate
Concen: 6.282 ng/ul
RT: 20.43 min Scan# 2965
Delta R.T. 0.01 min
Lab File: BN002011.D
Acq: 11 Jul 2018 15:25

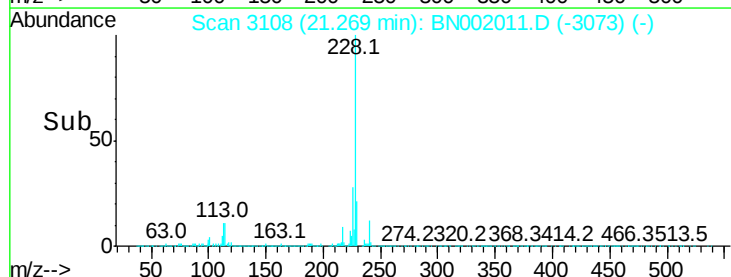
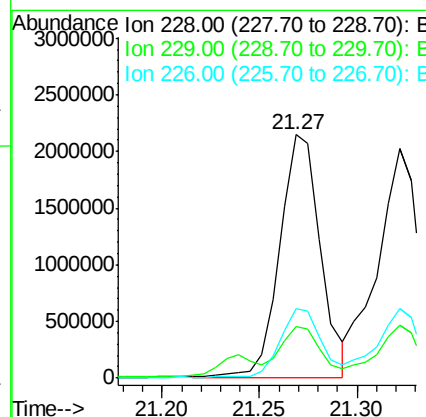
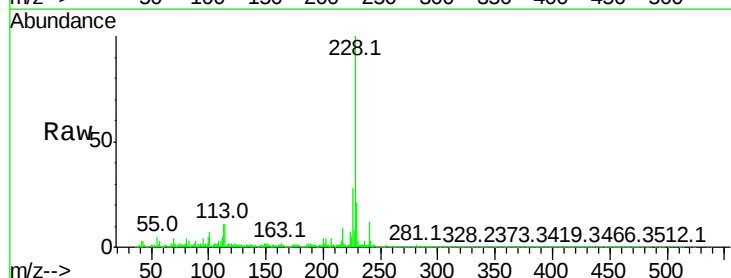
Instrument :
BNA_N
ClientSampled :

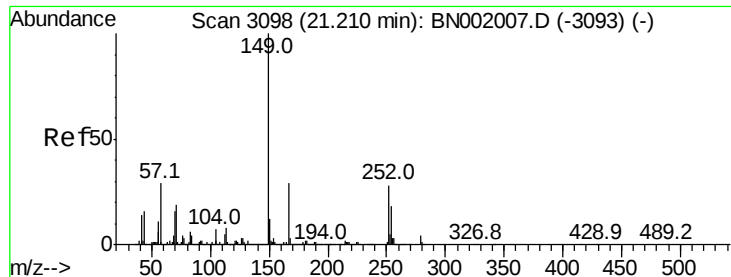
Tot Ion:149 Resp: 460450
Ion Ratio Lower Upper
149 100
91 72.2 53.4 80.0
206 21.8 19.3 28.9



#80
Benzo(a)anthracene
Concen: 17.820 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. 0.01 min
Lab File: BN002011.D
Acq: 11 Jul 2018 15:25

Tgt Ion:228 Resp: 3091238
Ion Ratio Lower Upper
228 100
229 21.3 16.0 24.0
226 28.3 21.8 32.8





#81

Bis(2-ethylhexyl)phthalate

Concen: 6.742 ng/ul

RT: 21.22 min Scan# 3099

Delta R.T. 0.01 min

Lab File: BN002011.D

Acq: 11 Jul 2018 15:25

Instrument :

BNA_N

ClientSampleId :

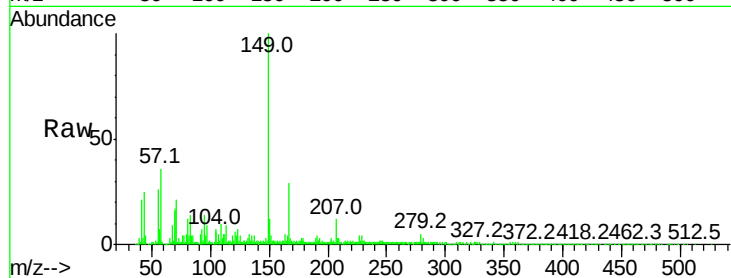
Tot Ion:149 Resp: 736883

Ion Ratio Lower Upper

149 100

167 28.6 23.0 34.6

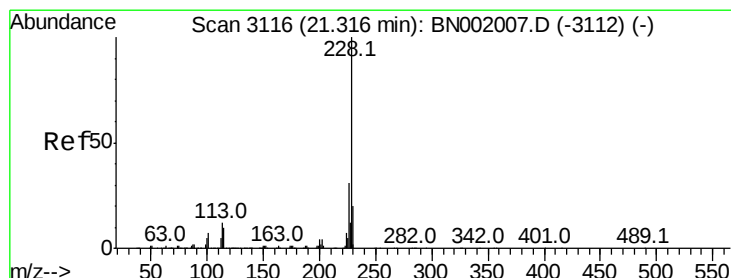
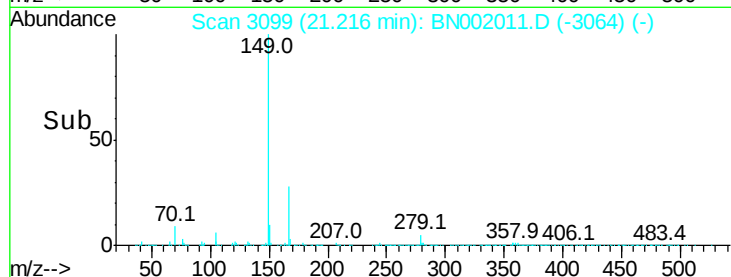
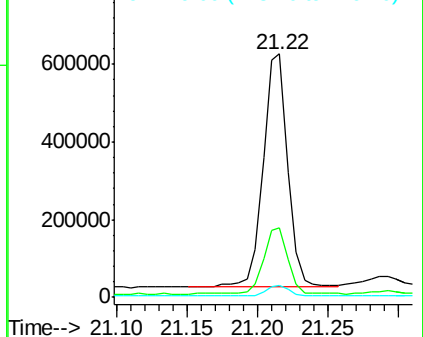
279 5.0 4.3 6.5



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



#82

Chrysene

Concen: 18.277 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. 0.01 min

Lab File: BN002011.D

Acq: 11 Jul 2018 15:25

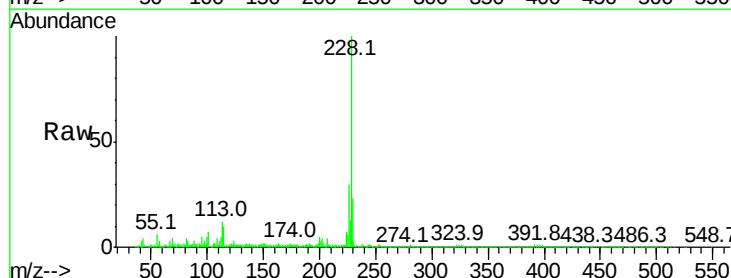
Tgt Ion:228 Resp: 2949980

Ion Ratio Lower Upper

228 100

226 30.4 24.1 36.1

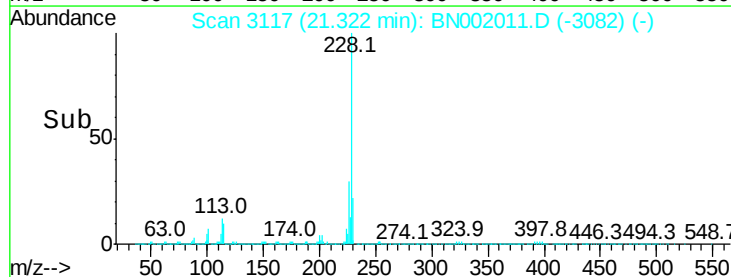
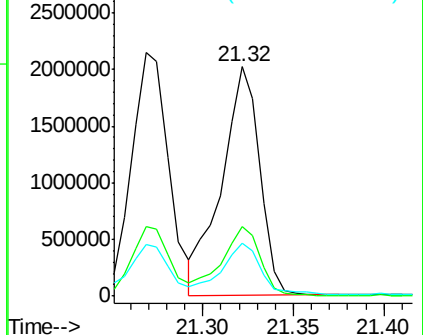
229 23.0 16.0 24.0

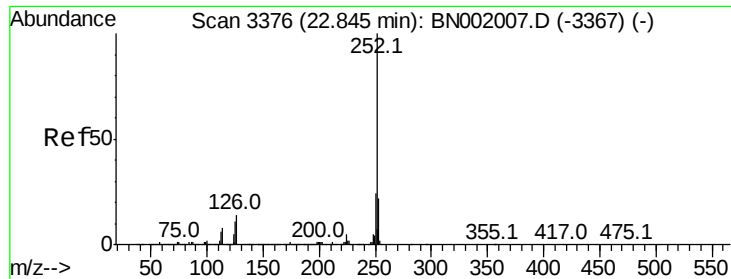


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 24.320 ng/ul

RT: 22.86 min Scan# 3378

Delta R.T. 0.01 min

Lab File: BN002011.D

Acq: 11 Jul 2018 15:25

Instrument :

BNA_N

ClientSampleId :

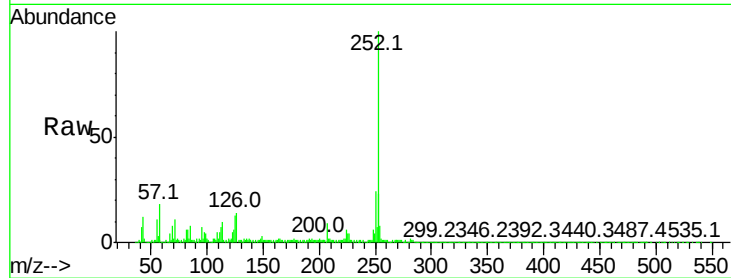
Tot Ion:252 Resp: 3664860

Ion Ratio Lower Upper

252 100

253 23.5 17.4 26.0

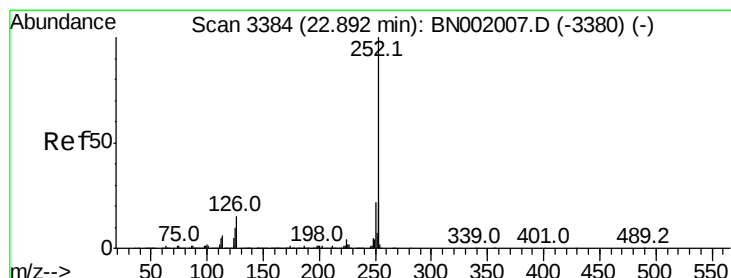
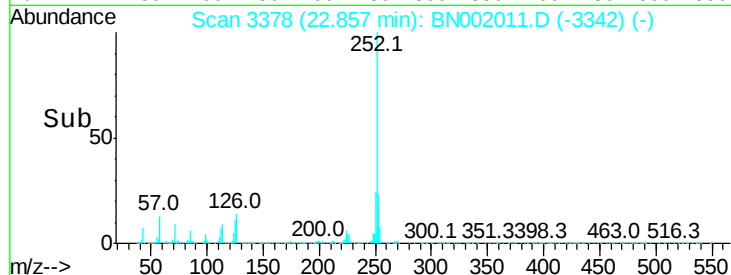
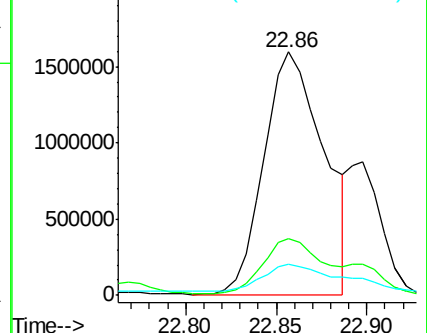
125 12.7 4.9 7.3#



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



#86

Benzo(k)fluoranthene

Concen: 25.080 ng/ul

RT: 22.86 min Scan# 3378

Delta R.T. -0.04 min

Lab File: BN002011.D

Acq: 11 Jul 2018 15:25

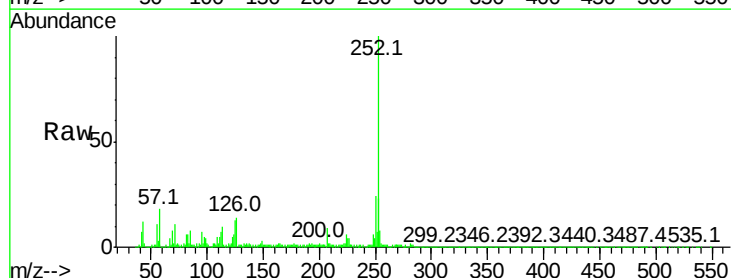
Tgt Ion:252 Resp: 3664860

Ion Ratio Lower Upper

252 100

253 23.5 17.1 25.7

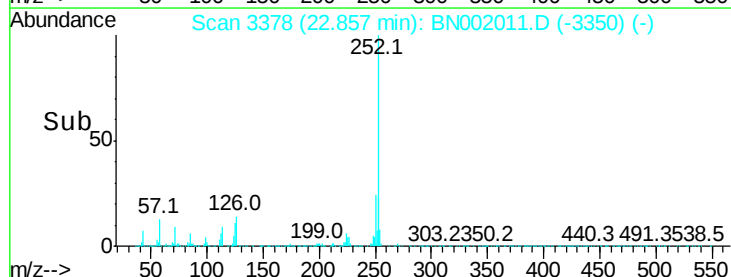
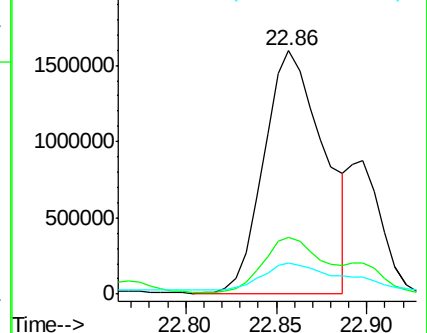
125 12.7 5.4 8.0#

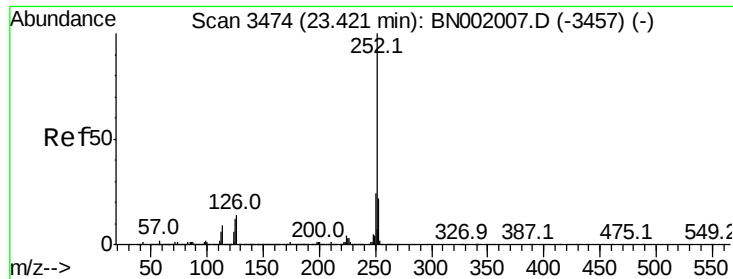


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 14.722 ng/ul

RT: 23.43 min Scan# 3475

Delta R.T. 0.01 min

Lab File: BN002011.D

Acq: 11 Jul 2018 15:25

Instrument :

BNA_N

ClientSampleId :

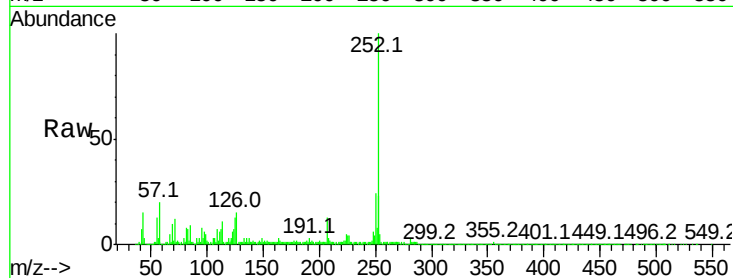
Tot Ion:252 Resp: 2073137

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	13.3	5.8	8.6

252 100

253 22.8 17.2 25.8

125 13.3 5.8 8.6

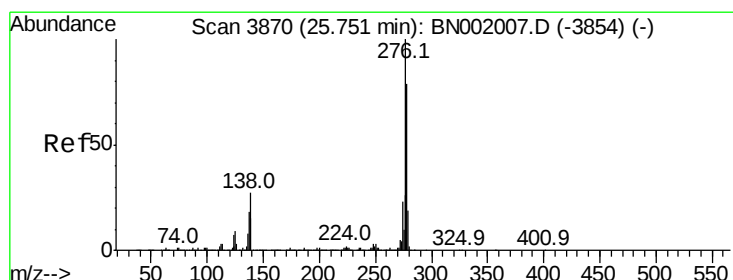
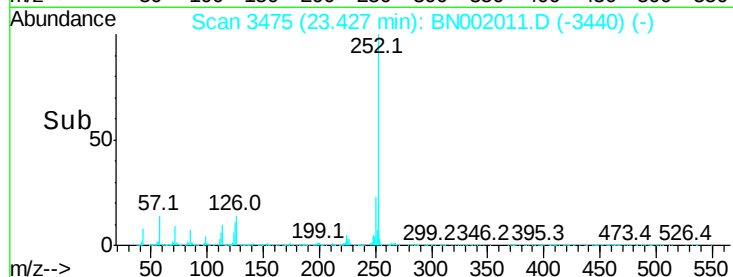
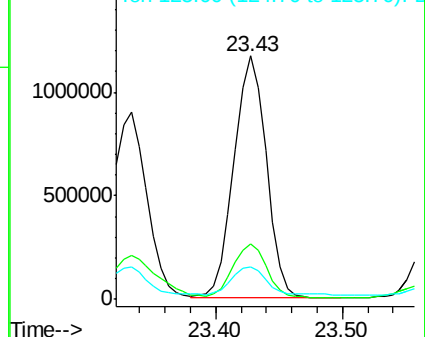


Abundance

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



#89

Indeno(1,2,3-cd)pyrene

Concen: 9.613 ng/ul

RT: 25.76 min Scan# 3871

Delta R.T. 0.01 min

Lab File: BN002011.D

Acq: 11 Jul 2018 15:25

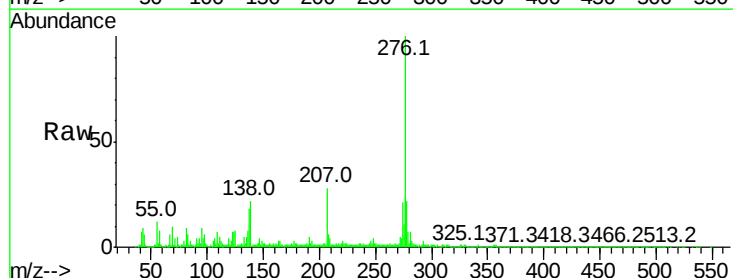
Tgt Ion:276 Resp: 1440459

Ion	Ratio	Lower	Upper
276	100		
138	22.4	10.9	16.3
277	23.9	18.9	28.3

276 100

138 22.4 10.9 16.3

277 23.9 18.9 28.3

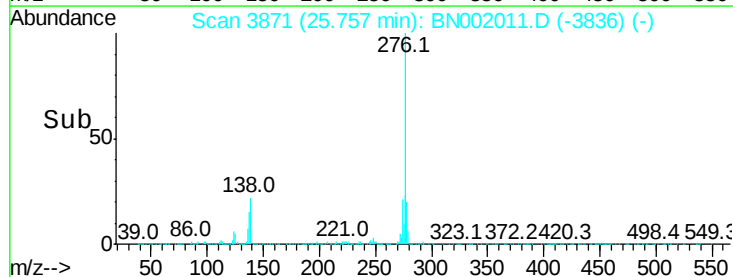
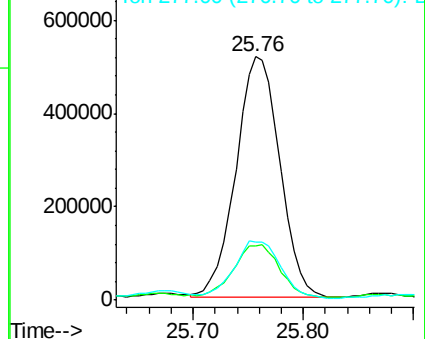


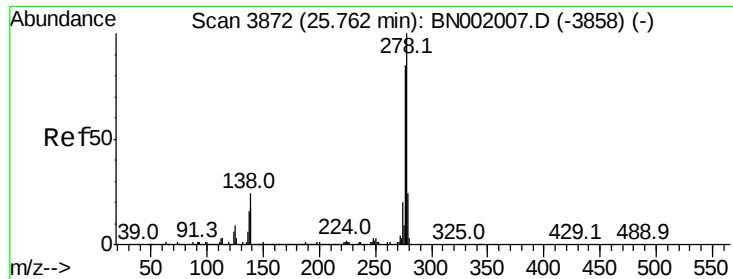
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 3.128 ng/ul

RT: 25.76 min Scan# 3872

Delta R.T. 0.00 min

Lab File: BN002011.D

Acq: 11 Jul 2018 15:25

Instrument :

BNA_N

ClientSampleId :

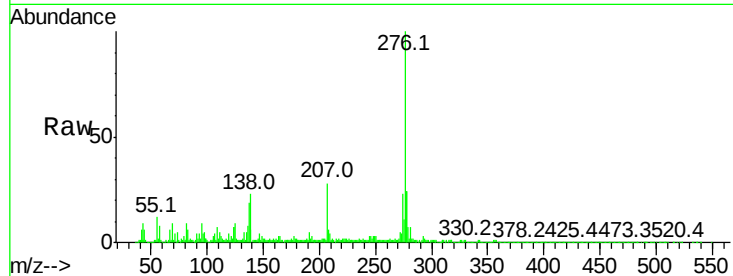
Tot Ion:278 Resp: 390078

Ion Ratio Lower Upper

278 100

139 26.7 9.0 13.4#

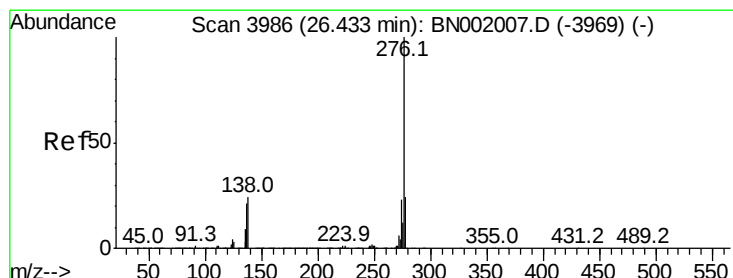
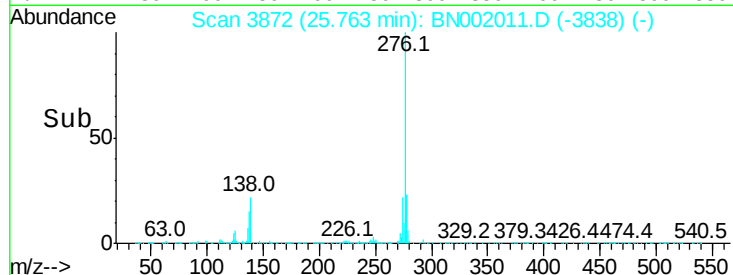
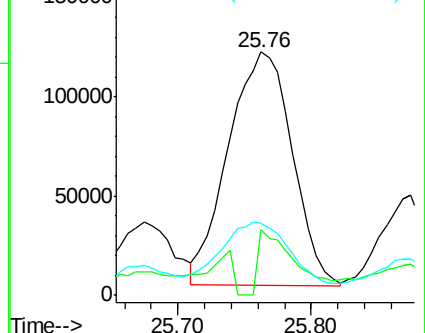
279 29.8 19.1 28.7#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 10.186 ng/ul

RT: 26.44 min Scan# 3987

Delta R.T. 0.01 min

Lab File: BN002011.D

Acq: 11 Jul 2018 15:25

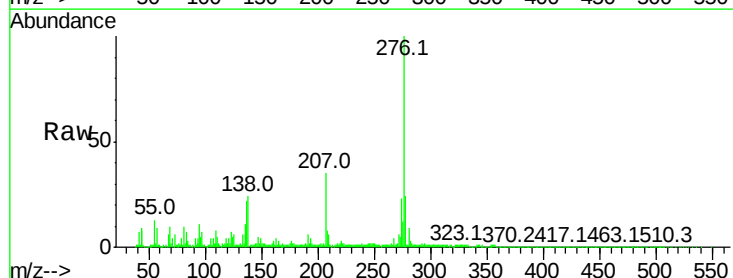
Tgt Ion:276 Resp: 1259016

Ion Ratio Lower Upper

276 100

138 24.2 11.2 16.8#

277 24.0 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

