

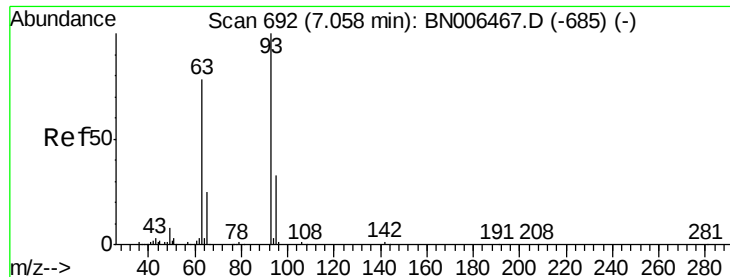
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062619\
 Data File : BN006590.D
 Acq On : 26 Jun 2019 22:13
 Operator : HP/JU
 Sample : K3498-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5AB3

Quant Time: Jun 27 02:06:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 26 18:22:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	213491	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1029949	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	623055	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	1374624	20.00	ng/ul	-0.01
77) Chrysene-d12	21.55	240	1508	20.00	ng/ul	0.10
85) Perylene-d12	23.99	264	288	20.00	ng/ul	0.13
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	20340	3.72	ng/uL	0.00
5) Phenol-d5	6.80	99	444208	19.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	292699	20.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	339606	20.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	309973	17.19	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	181290	21.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	210031	23.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	363518	21.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	211522	10.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	1186882	21.73	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	1438783	21.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	162617	17.43	ng/ul	0.00
57) Fluorene-d10	15.27	176	1032147	22.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	124429	14.30	ng/ul	0.00
70) Anthracene-d10	17.13	188	1539753	22.25	ng/ul	-0.01
78) Pyrene-d10	19.44	212	1741175	19766.94	ng/ul	-0.03
89) Benzo(a)pyrene-d12	23.84	264	220	13.52	ng/ul	0.12
Target Compounds						
					Qvalue	
8) Bis(2-Chloroethyl)ether	7.05	93	159111	9.534	ng/ul#	23
11) 2-Methylphenol	7.91	108	21555	1.299	ng/ul#	16
44) Dimethylphthalate	13.73	163	262203	5.208	ng/ul	100
69) Phenanthrene	17.07	178	374499	4.939	ng/ul	100
76) Fluoranthene	19.10	202	966137	11.824	ng/ul	98
79) Pyrene	19.47	202	791943	7713.325	ng/ul	99
80) Butylbenzylphthalate	20.48	149	432878	9402.976	ng/ul#	37
81) 3,3'-Dichlorobenzidine	21.47	252	95	2.980	ng/ul#	1
82) Benzo(a)anthracene	21.54	228	185	1.795	ng/ul#	1
83) Bis(2-ethylhexyl)phthalate	21.47	149	1136	17.208	ng/ul#	79
84) Chrysene	21.60	228	169	1.723	ng/ul#	1
86) Di-n-octyl phthalate	22.51	149	2347	126.827	ng/ul	100
87) Benzo(b)fluoranthene	23.38	252	315490	18252.644	ng/ul	97
88) Benzo(k)fluoranthene	23.38	252	315490	19098.198	ng/ul	98
90) Benzo(a)pyrene	23.91	252	151	9.111	ng/ul#	1
91) Indeno(1,2,3-cd)pyrene	26.39	276	155159	7910.448	ng/ul	95
92) Dibenzo(a,h)anthracene	26.39	278	2281	140.430	ng/ul	98
93) Benzo(g,h,i)perylene	27.02	276	281	17.010	ng/ul#	1

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

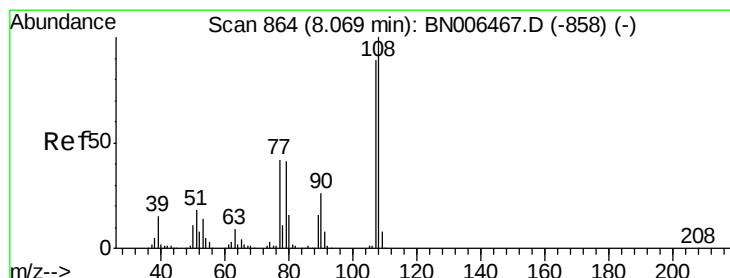
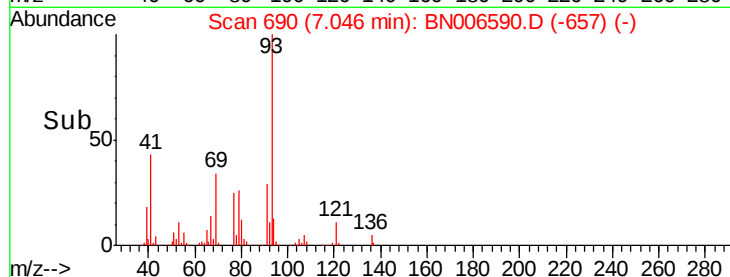
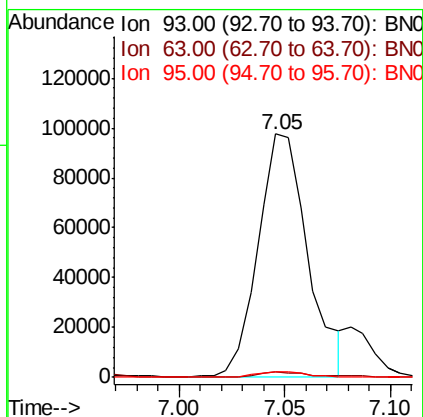
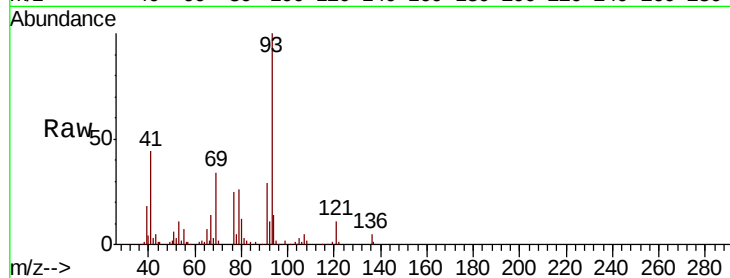


#8

Bis(2-Chloroethyl)ether
 Concen: 9.534 ng/ul
 RT: 7.05 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BN006590.D
 Acq: 26 Jun 2019 22:13

Instrument :
 BNA_N
 ClientSampleId :
 C5AB3

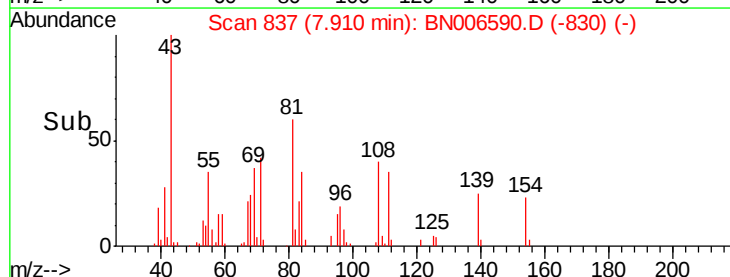
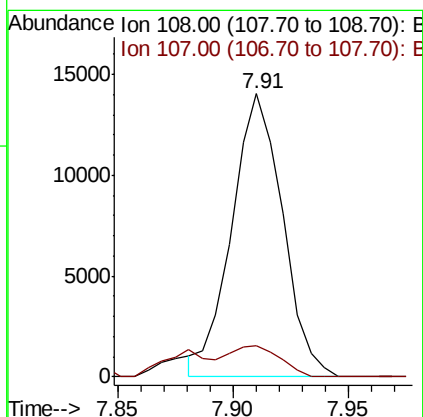
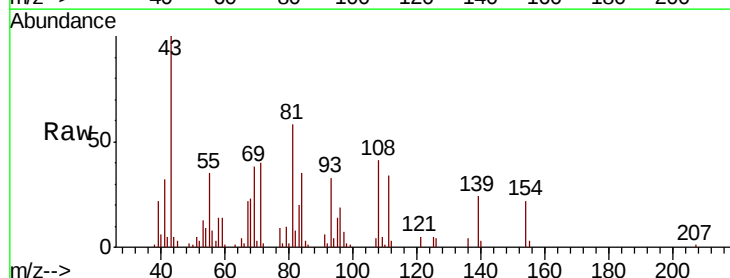
Tgt Ion	Ratio	Lower	Upper
93	100		
63	2.1	61.8	92.8#
95	2.4	25.6	38.4#

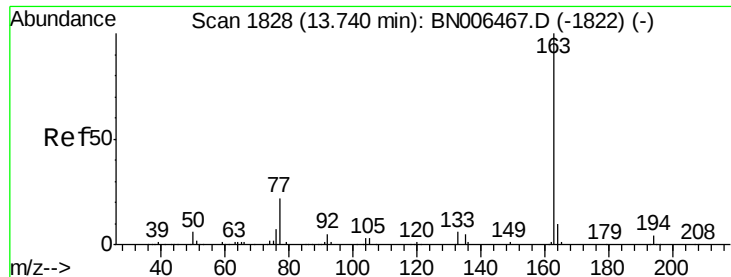


#11

2-Methylphenol
 Concen: 1.299 ng/ul
 RT: 7.91 min Scan# 837
 Delta R.T. -0.16 min
 Lab File: BN006590.D
 Acq: 26 Jun 2019 22:13

Tgt Ion	Ratio	Lower	Upper
108	100		
107	10.8	71.3	106.9#





#44

Dimethylphthalate

Concen: 5.208 ng/ul

RT: 13.73 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BN006590.D

Acq: 26 Jun 2019 22:13

Instrument :

BNA_N

ClientSampled :

C5AB3

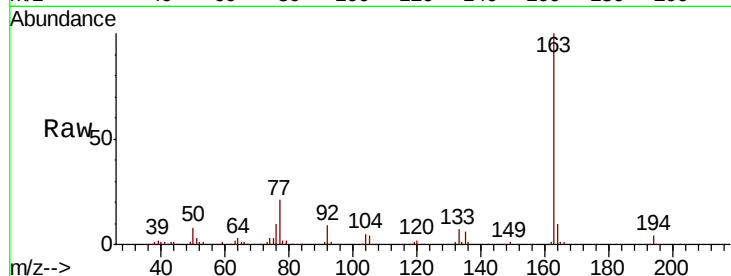
Tgt Ion:163 Resp: 262203

Ion Ratio Lower Upper

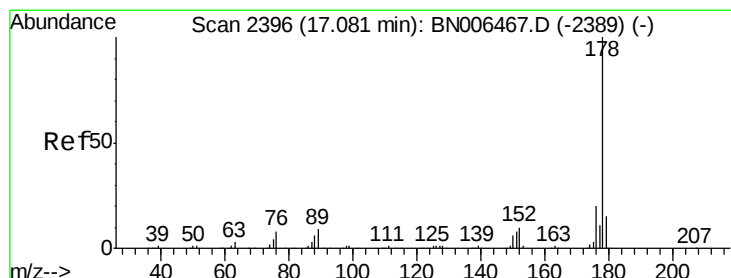
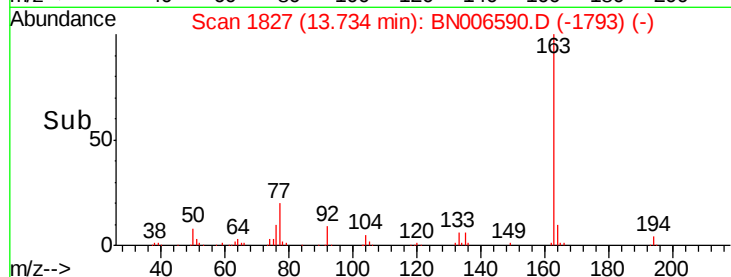
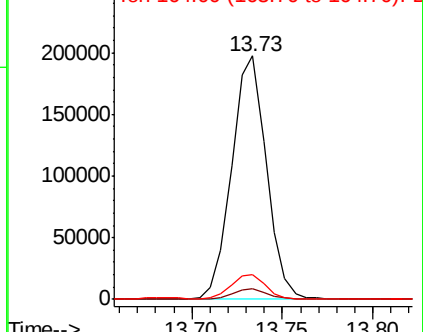
163 100

194 4.2 3.4 5.0

164 10.2 8.0 12.0



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



#69

Phenanthrene

Concen: 4.939 ng/ul

RT: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BN006590.D

Acq: 26 Jun 2019 22:13

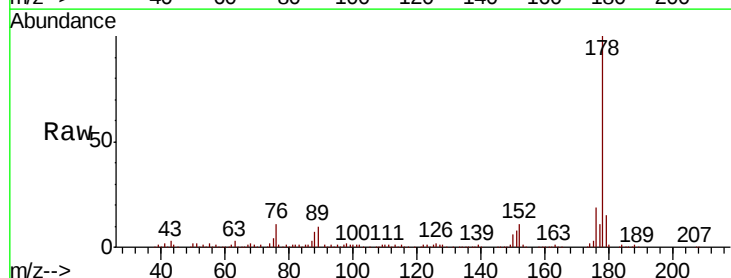
Tgt Ion:178 Resp: 374499

Ion Ratio Lower Upper

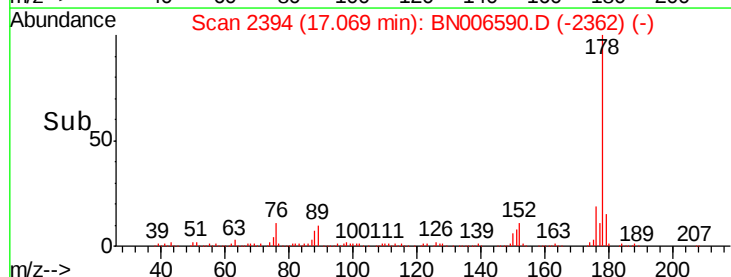
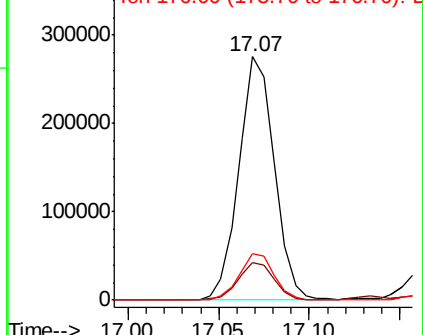
178 100

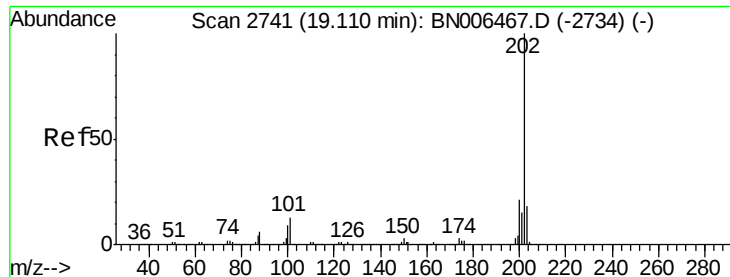
179 15.5 12.5 18.7

176 19.1 15.3 22.9



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





#76

Fluoranthene

Concen: 11.824 ng/ul

RT: 19.10 min Scan# 2740

Delta R.T. -0.02 min

Lab File: BN006590.D

Acq: 26 Jun 2019 22:13

Instrument :

BNA_N

ClientSampleId :

C5AB3

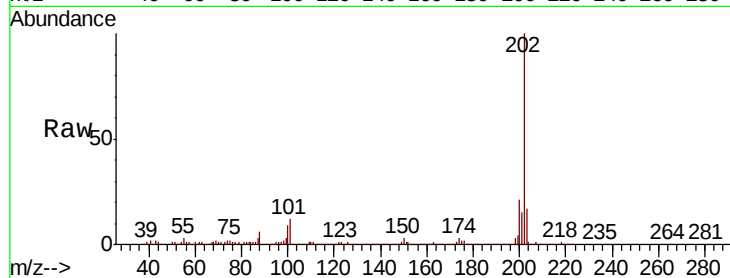
Tgt Ion:202 Resp: 966137

Ion Ratio Lower Upper

202 100

101 12.0 10.5 15.7

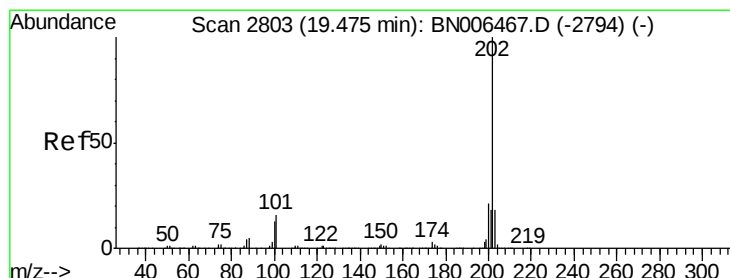
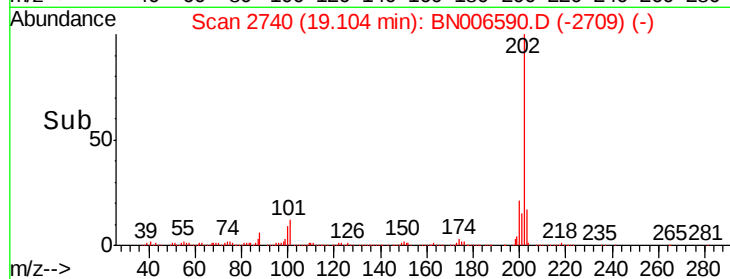
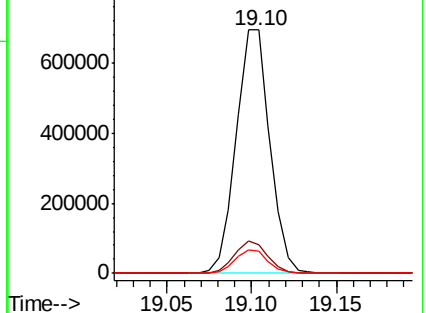
100 9.1 7.6 11.4



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



#79

Pyrene

Concen: 7713.325 ng/ul

RT: 19.47 min Scan# 2802

Delta R.T. -0.04 min

Lab File: BN006590.D

Acq: 26 Jun 2019 22:13

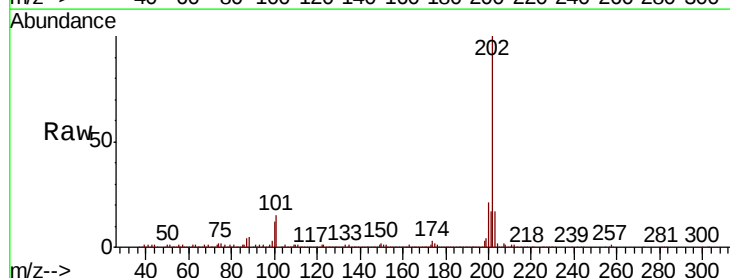
Tgt Ion:202 Resp: 791943

Ion Ratio Lower Upper

202 100

101 14.8 12.2 18.4

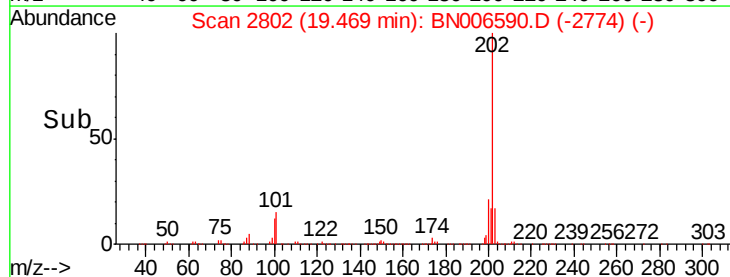
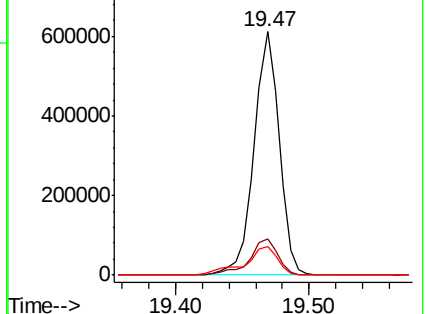
100 11.9 9.8 14.6

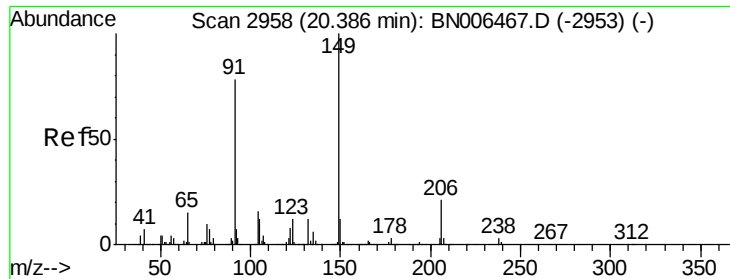


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

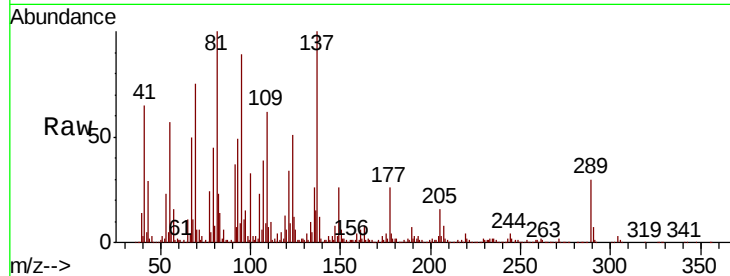




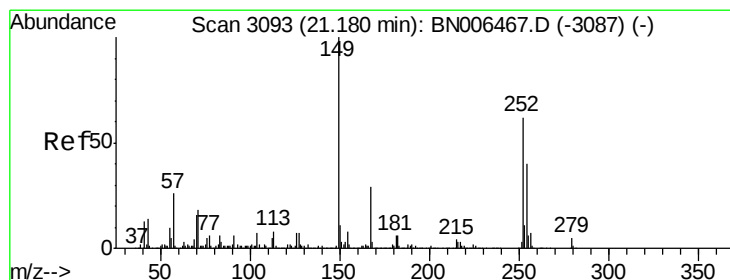
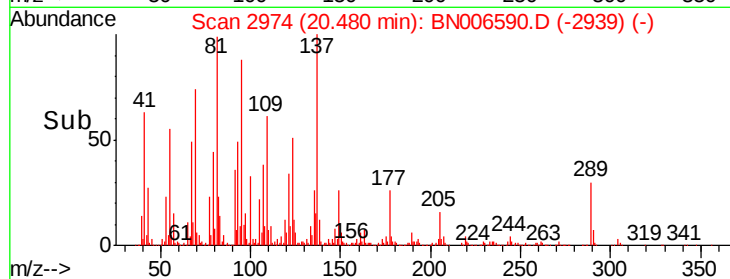
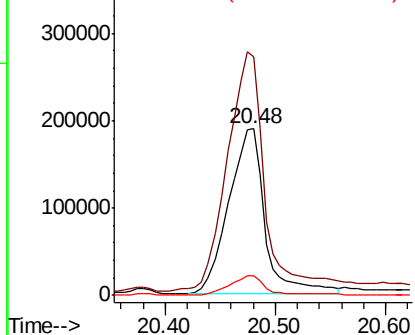
#80
 Butylbenzylphthalate
 Concen: 9402.976 ng/ul
 RT: 20.48 min Scan# 2974
 Delta R.T. 0.01 min
 Lab File: BN006590.D
 Acq: 26 Jun 2019 22:13

Instrument :
 BNA_N
 ClientSampleId :
 C5AB3

Tgt Ion:	149	Resp:	432878
Ion Ratio	Lower	Upper	
149	100		
91	143.4	62.7	94.1#
206	12.1	16.3	24.5#

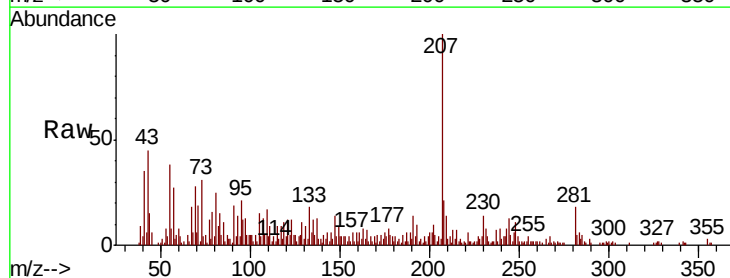


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BN
 Ion 206.00 (205.70 to 206.70): E

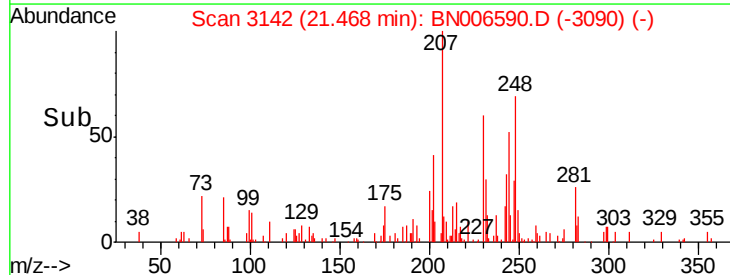
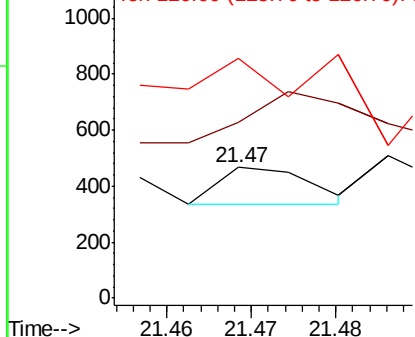


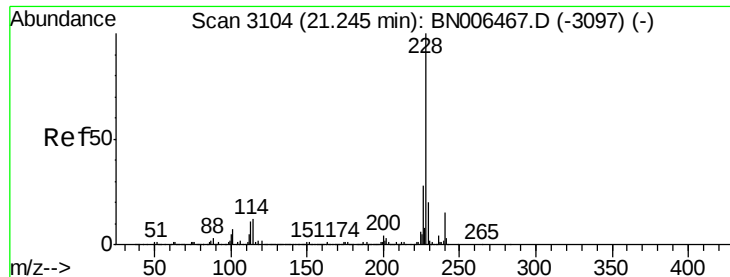
#81
 3,3'-Dichlorobenzidine
 Concen: 2.980 ng/ul
 RT: 21.47 min Scan# 3142
 Delta R.T. 0.11 min
 Lab File: BN006590.D
 Acq: 26 Jun 2019 22:13

Tgt Ion:	252	Resp:	95
Ion Ratio	Lower	Upper	
252	100		
254	134.3	51.8	77.8#
126	183.3	9.8	14.8#



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E





#82

Benzo(a)anthracene

Concen: 1.795 ng/ul

RT: 21.54 min Scan# 3154

Delta R.T. 0.11 min

Lab File: BN006590.D

Acq: 26 Jun 2019 22:13

Instrument :

BNA_N

ClientSampleId :

C5AB3

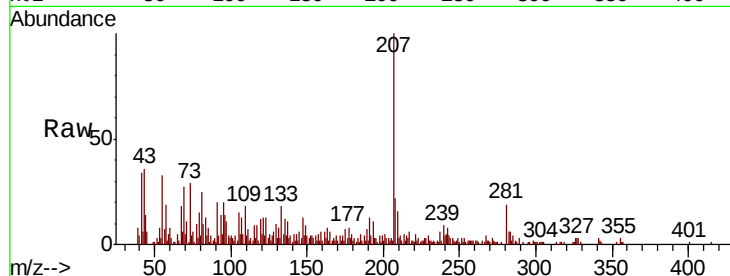
Tgt Ion:228 Resp: 185

Ion Ratio Lower Upper

228 100

229 164.2 15.6 23.4#

226 59.4 21.5 32.3#

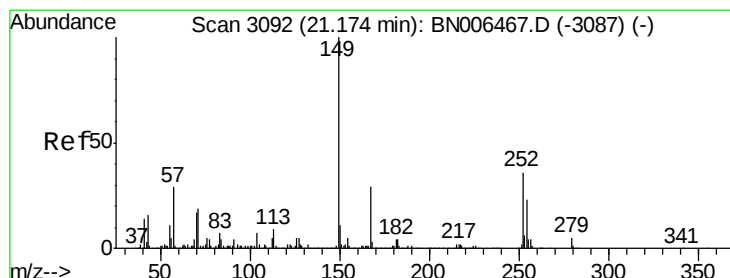
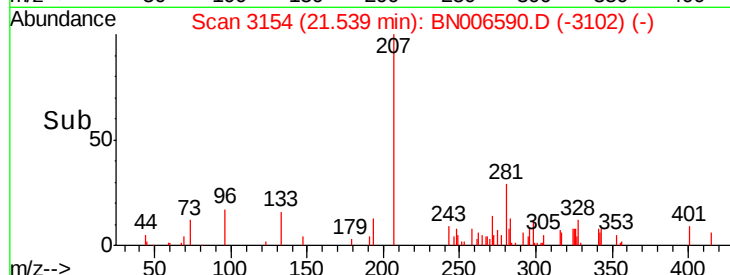
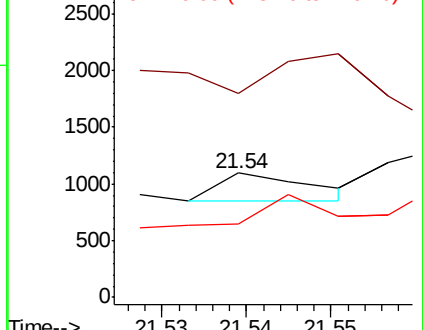


Abundance

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: 17.208 ng/ul

RT: 21.47 min Scan# 3142

Delta R.T. 0.10 min

Lab File: BN006590.D

Acq: 26 Jun 2019 22:13

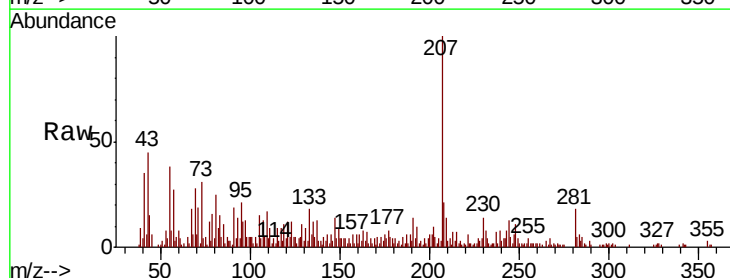
Tgt Ion:149 Resp: 1136

Ion Ratio Lower Upper

149 100

167 39.6 22.2 33.4#

279 0.0 3.3 4.9#

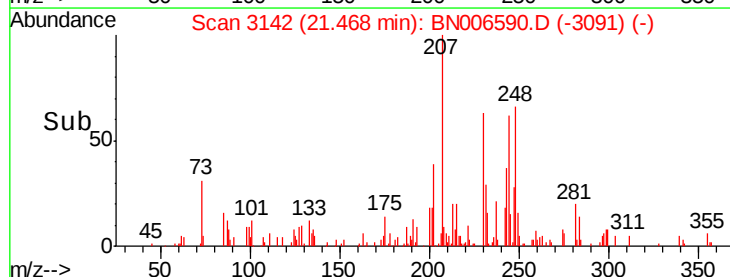
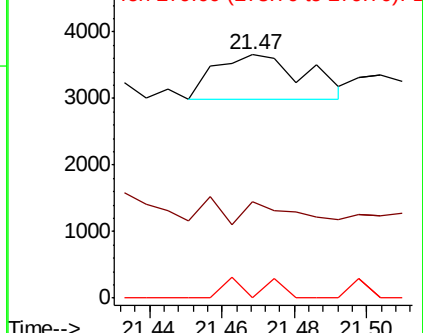


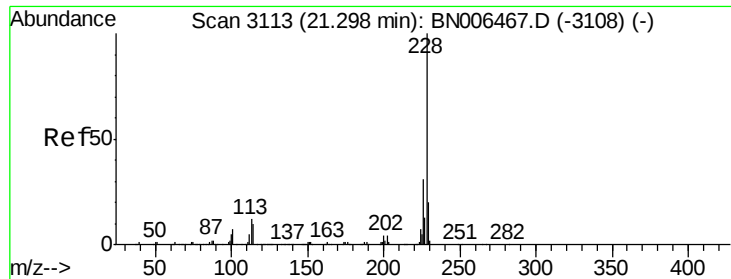
Abundance

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: 1.723 ng/ul

RT: 21.60 min Scan# 3164

Delta R.T. 0.11 min

Lab File: BN006590.D

Acq: 26 Jun 2019 22:13

Instrument :

BNA_N

ClientSampleId :

C5AB3

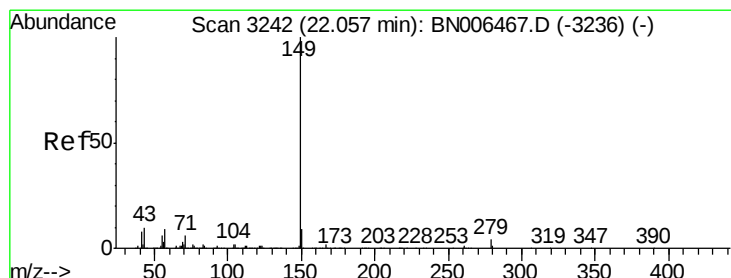
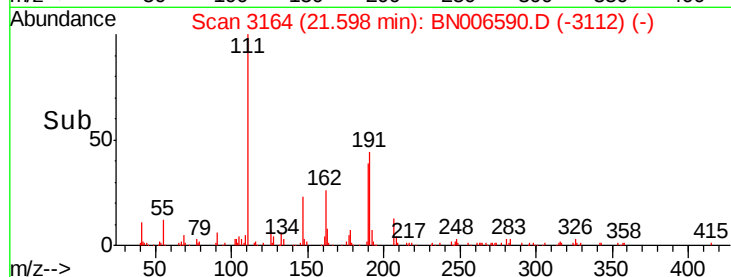
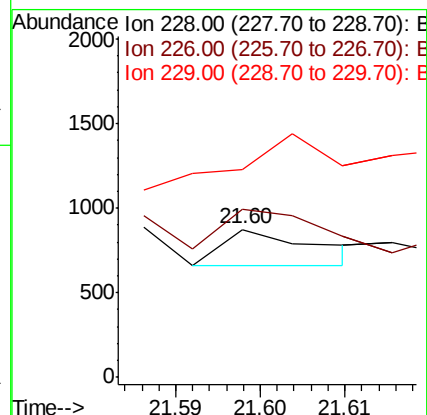
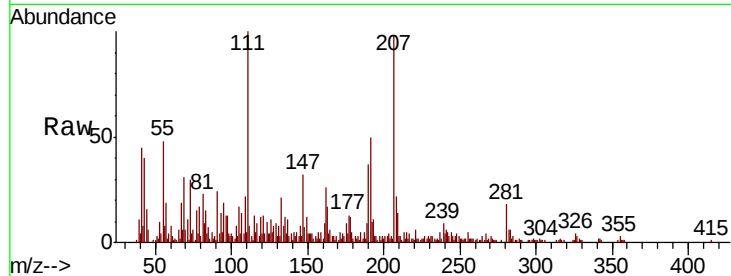
Tgt Ion:228 Resp: 169

Ion Ratio Lower Upper

228 100

226 113.2 24.2 36.2#

229 140.4 15.9 23.9#



#86

Di-n-octyl phthalate

Concen: 126.827 ng/ul

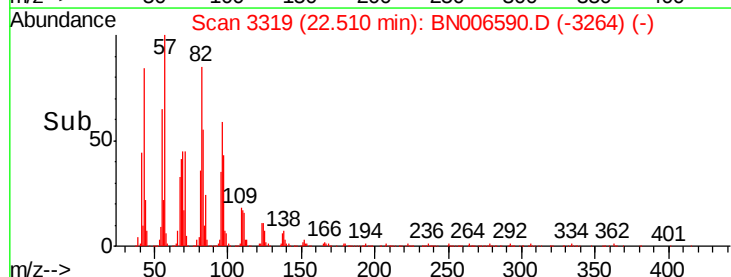
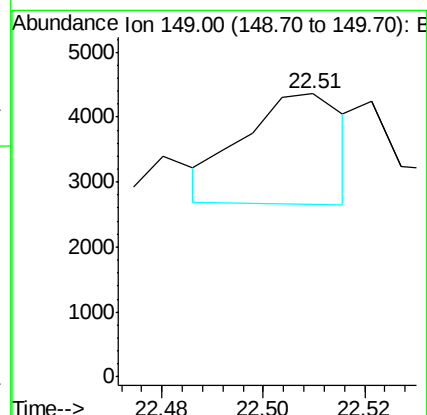
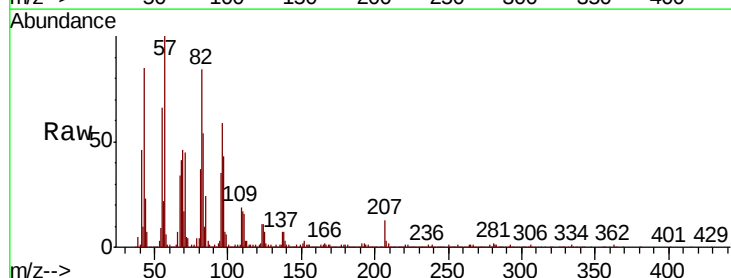
RT: 22.51 min Scan# 3319

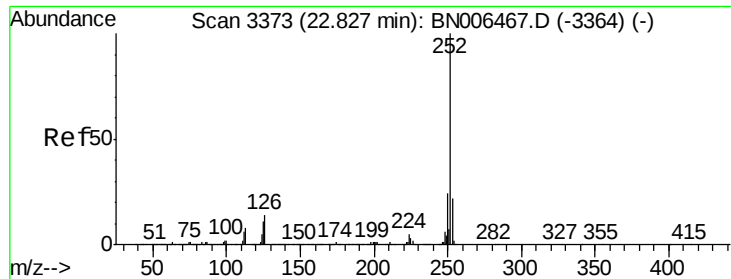
Delta R.T. 0.12 min

Lab File: BN006590.D

Acq: 26 Jun 2019 22:13

Tgt Ion:149 Resp: 2347





#87

Benzo(b)fluoranthene

Concen: 18252.644 ng/u1

RT: 23.38 min Scan# 3467

Delta R.T. 0.21 min

Lab File: BN006590.D

Acq: 26 Jun 2019 22:13

Instrument :

BNA_N

ClientSampleId :

C5AB3

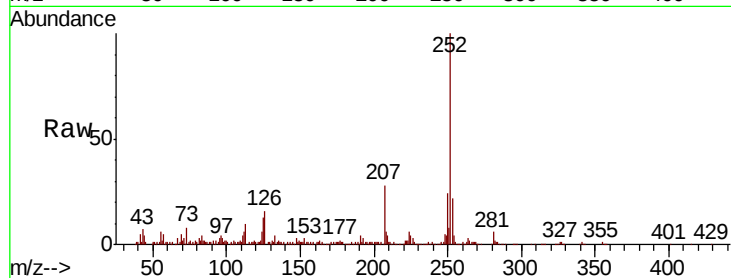
Tgt Ion:252 Resp: 315490

Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

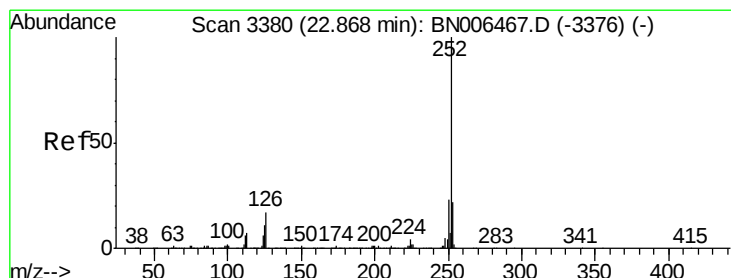
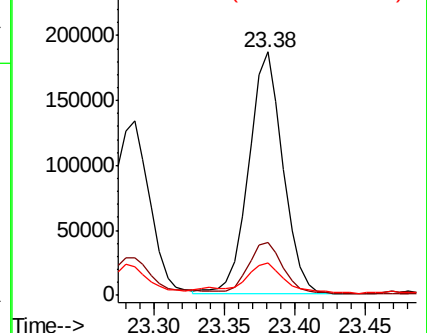
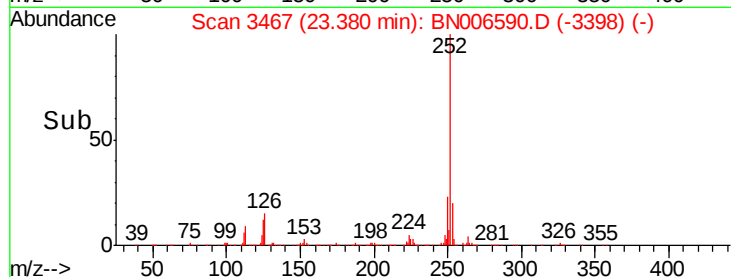
125 13.4 9.0 13.6



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



#88

Benzo(k)fluoranthene

Concen: 19098.198 ng/u1

RT: 23.38 min Scan# 3467

Delta R.T. 0.16 min

Lab File: BN006590.D

Acq: 26 Jun 2019 22:13

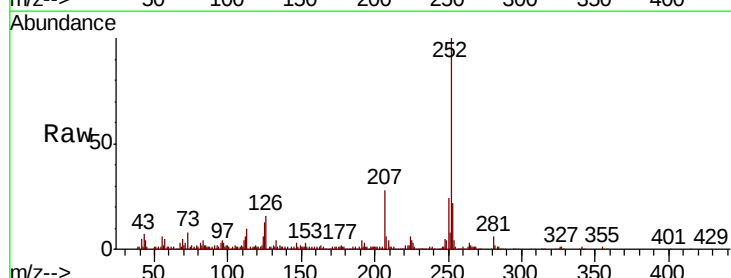
Tgt Ion:252 Resp: 315490

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

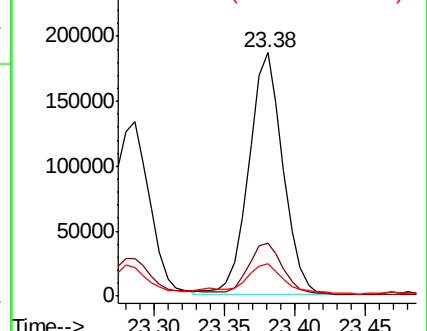
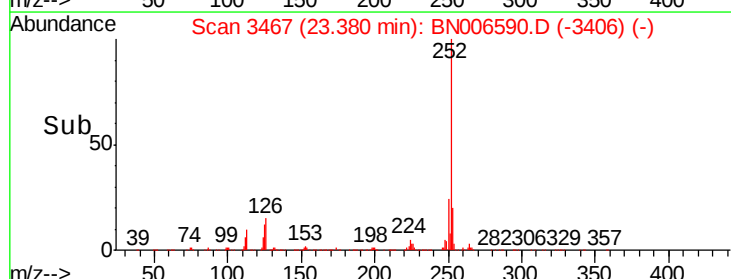
125 13.4 9.1 13.7

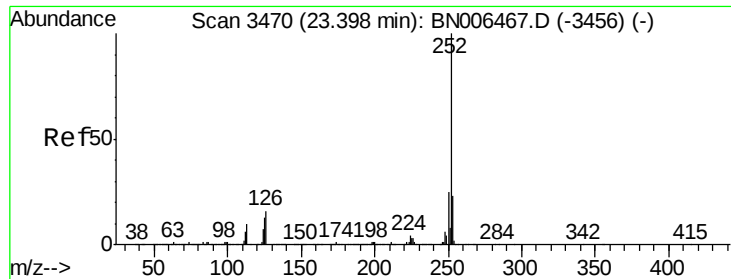


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 9.111 ng/ul

RT: 23.91 min Scan# 3557

Delta R.T. 0.14 min

Lab File: BN006590.D

Acq: 26 Jun 2019 22:13

Instrument :

BNA_N

ClientSampleId :

C5AB3

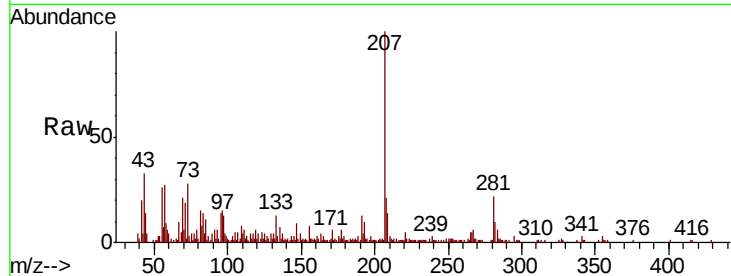
Tgt Ion:252 Resp: 151

Ion Ratio Lower Upper

252 100

253 94.6 17.7 26.5#

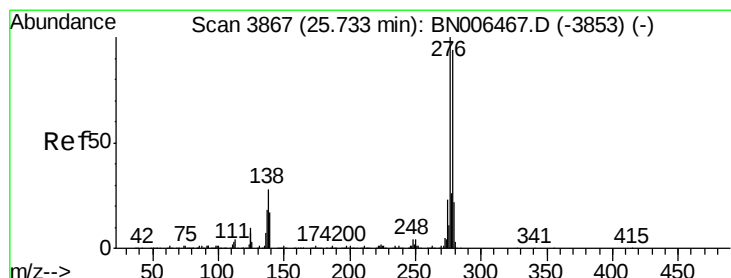
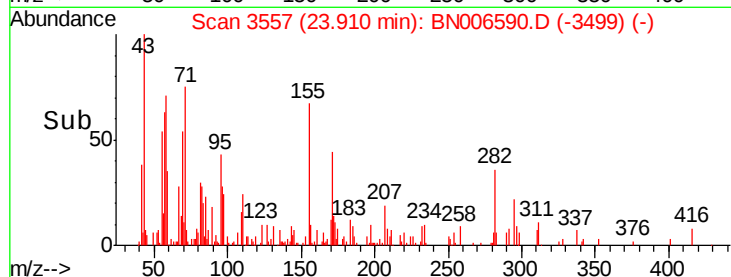
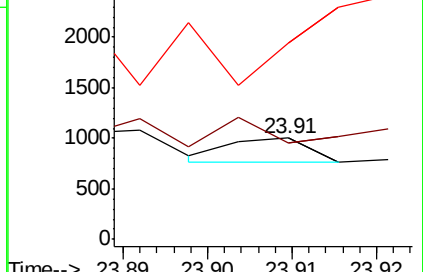
125 193.8 10.0 15.0#



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 7910.448 ng/ul

RT: 26.39 min Scan# 3978

Delta R.T. 0.23 min

Lab File: BN006590.D

Acq: 26 Jun 2019 22:13

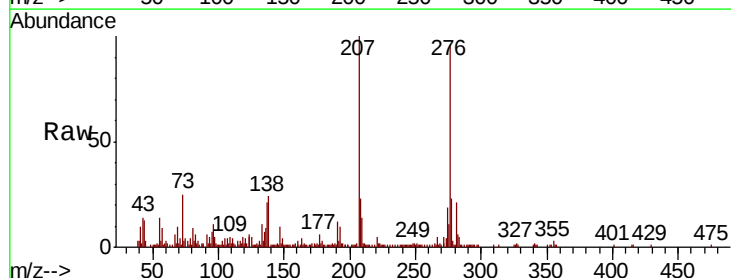
Tgt Ion:276 Resp: 155159

Ion Ratio Lower Upper

276 100

138 24.4 22.2 33.4

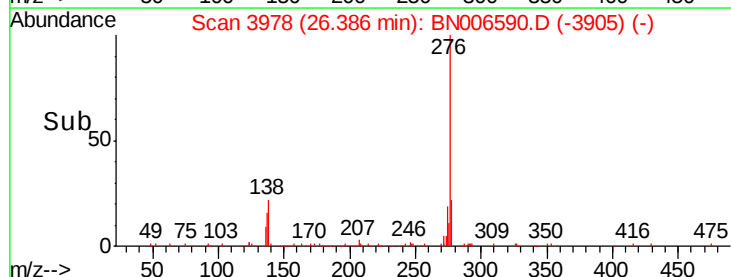
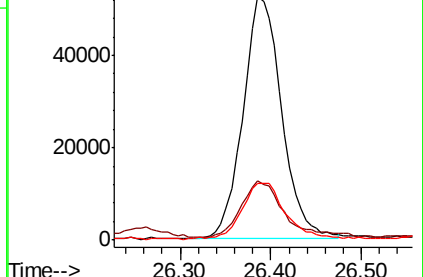
277 23.4 20.2 30.4

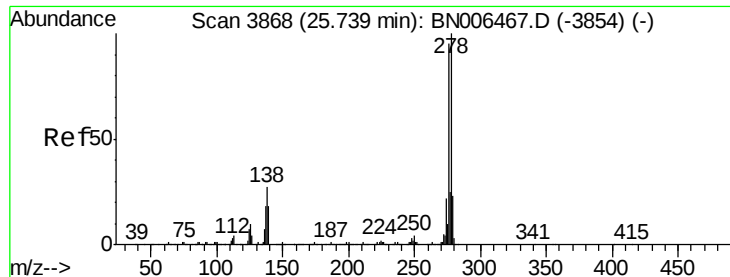


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 140.430 ng/ul

RT: 26.39 min Scan# 3978

Delta R.T. 0.22 min

Lab File: BN006590.D

Acq: 26 Jun 2019 22:13

Instrument :

BNA_N

ClientSampleId :

C5AB3

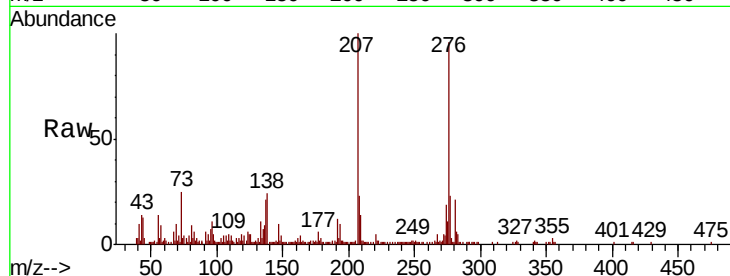
Tgt Ion:278 Resp: 2281

Ion Ratio Lower Upper

278 100

139 17.4 14.2 21.4

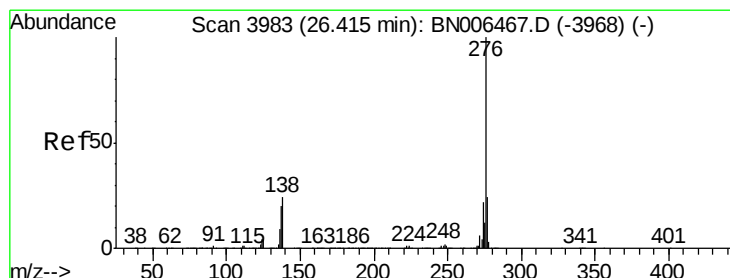
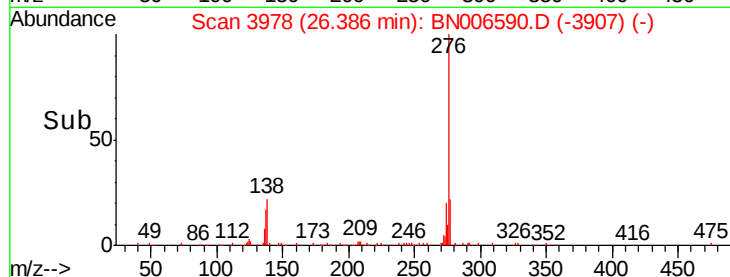
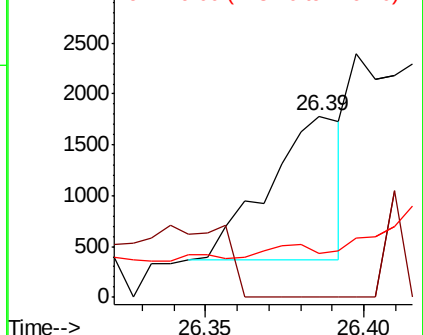
279 24.5 18.8 28.2



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



#93

Benzo(g,h,i)perylene

Concen: 17.010 ng/ul

RT: 27.02 min Scan# 4085

Delta R.T. 0.16 min

Lab File: BN006590.D

Acq: 26 Jun 2019 22:13

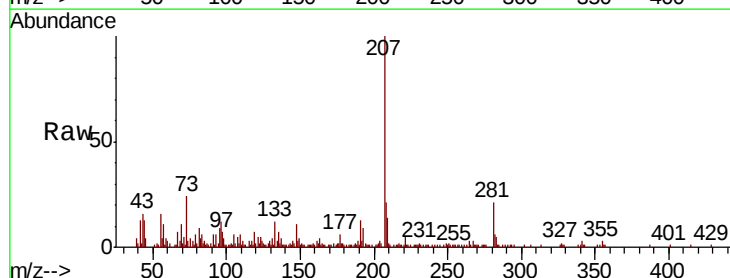
Tgt Ion:276 Resp: 281

Ion Ratio Lower Upper

276 100

138 147.6 19.1 28.7#

277 0.0 19.4 29.0#



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

