

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
 Data File : BG043106.D
 Acq On : 9 Oct 2019 17:08
 Operator : JU
 Sample : K5175-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 10 00:02:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 09 15:33:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	45276	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	187867	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	141751	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	326487	20.00	ng/ul	0.00
77) Chrysene-d12	21.69	240	359933	20.00	ng/ul	0.00
85) Perylene-d12	24.91	264	431022	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	4205	4.49	ng/uL	0.00
5) Phenol-d5	7.23	99	69492	20.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	46447	24.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	63033	23.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	43653	15.13	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	34286	25.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	41779	27.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	67481	21.39	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	51624	15.72	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	308075	27.03	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	335039	27.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.92	143	5013	3.32	ng/ul	0.03
57) Fluorene-d10	15.67	176	262891	27.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.77	200	32029	15.29	ng/ul	0.00
70) Anthracene-d10	17.52	188	437137	28.34	ng/ul	0.00
78) Pyrene-d10	19.80	212	536731	30.24	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.69	264	630337	29.59	ng/ul	0.00

Target Compounds

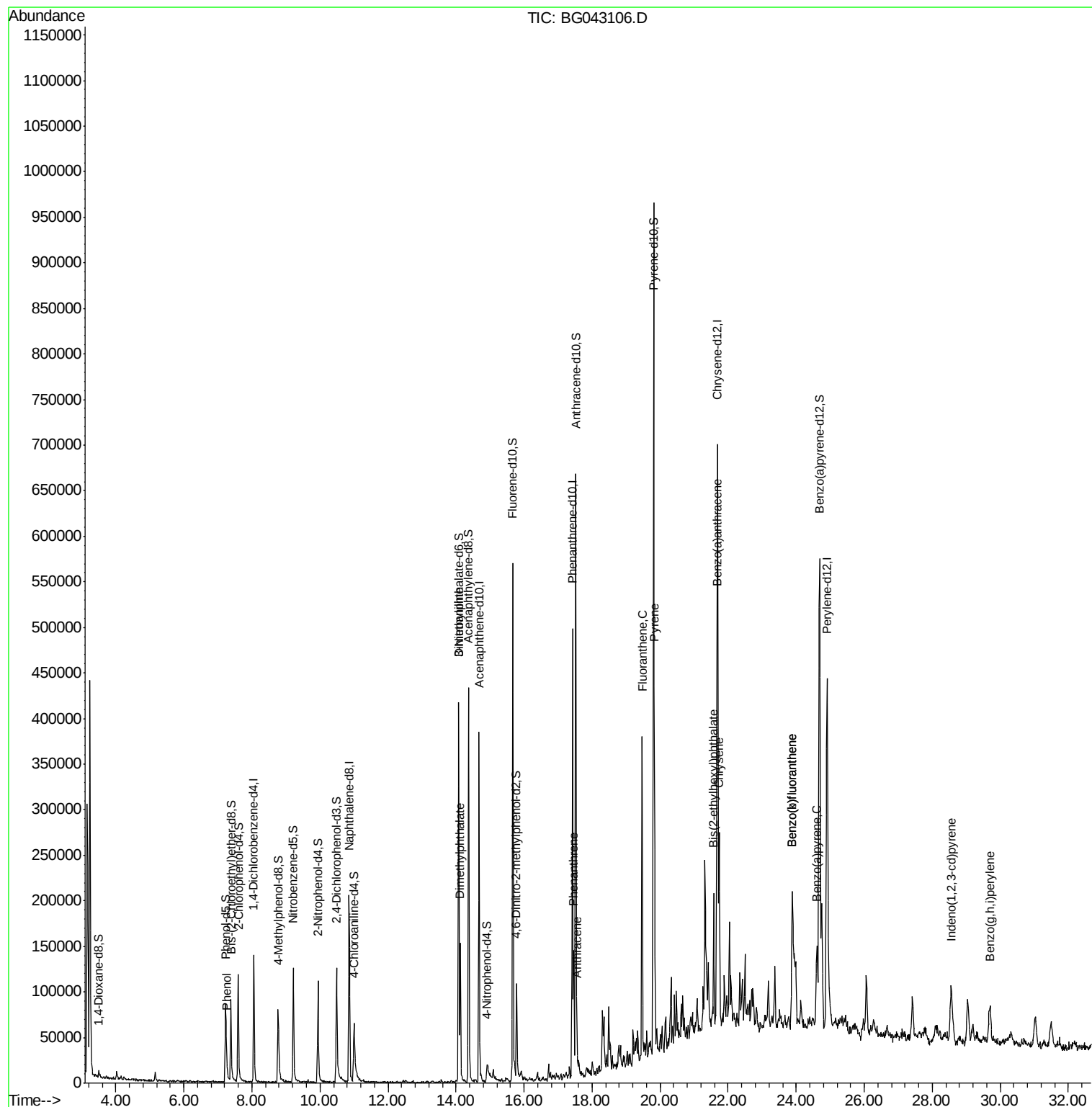
					Ovalue	
6) Phenol	7.26	94	3828	1.120	ng/ul#	55
44) Dimethylphthalate	14.12	163	106526	9.678	ng/ul	98
48) 3-Nitroaniline	14.08	138	17652	9.390	ng/ul#	55
69) Phenanthrene	17.46	178	88129	5.229	ng/ul	99
71) Anthracene	17.55	178	17636	1.011	ng/ul	97
76) Fluoranthene	19.47	202	254179	11.822	ng/ul	99
79) Pyrene	19.83	202	251673	11.369	ng/ul	98
82) Benzo(a)anthracene	21.67	228	163459	6.787	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.57	149	56298	4.709	ng/ul	97
84) Chrysene	21.73	228	165816	7.316	ng/ul	99
87) Benzo(b)fluoranthene	23.88	252	211723	8.254	ng/ul	96
88) Benzo(k)fluoranthene	23.88	252	211723	8.446	ng/ul	99
90) Benzo(a)pyrene	24.61	252	108715	4.428	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.55	276	48734	1.638	ng/ul#	98
93) Benzo(g,h,i)perylene	29.69	276	54917	2.177	ng/ul#	92

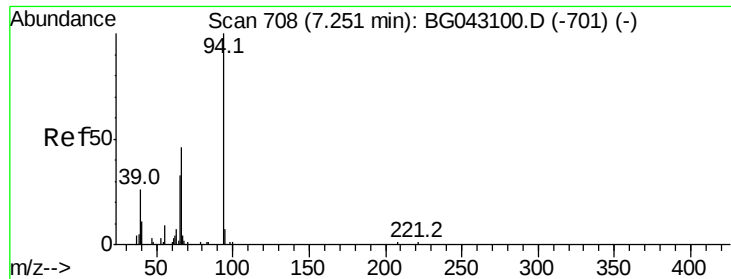
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 15:33:22 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.120 ng/ul

RT: 7.26 min Scan# 710

Delta R.T. 0.01 min

Lab File: BG043106.D

Acq: 9 Oct 2019 17:08

Instrument :

BNA_G

ClientSampleId :

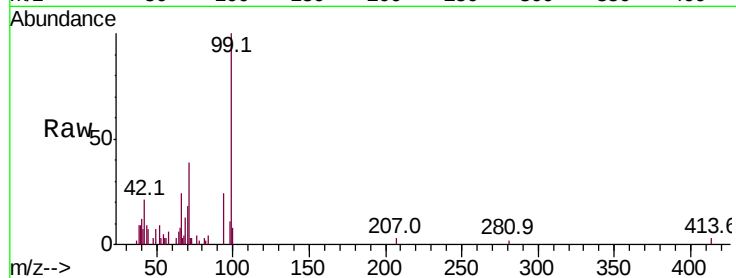
Tot Ion: 94 Resp: 3828

Ion Ratio Lower Upper

94 100

65 31.2 27.2 40.8

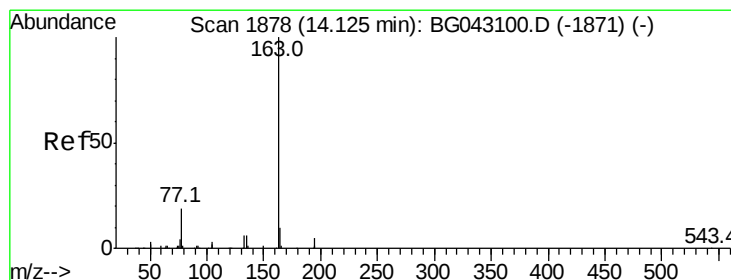
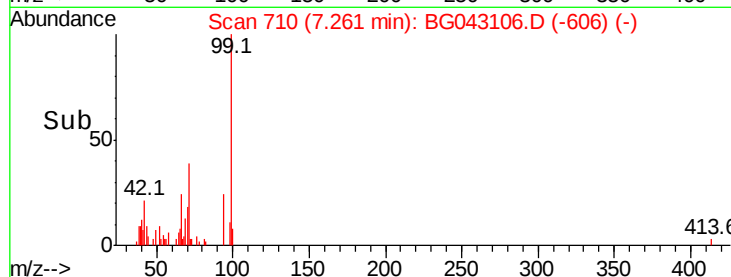
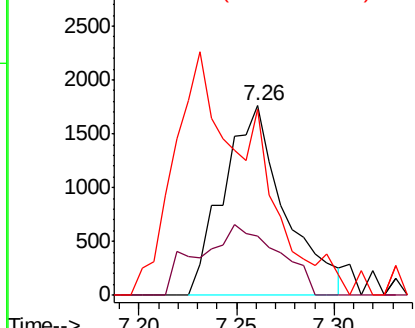
66 98.1 38.7 58.1#



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 9.678 ng/ul

RT: 14.12 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BG043106.D

Acq: 9 Oct 2019 17:08

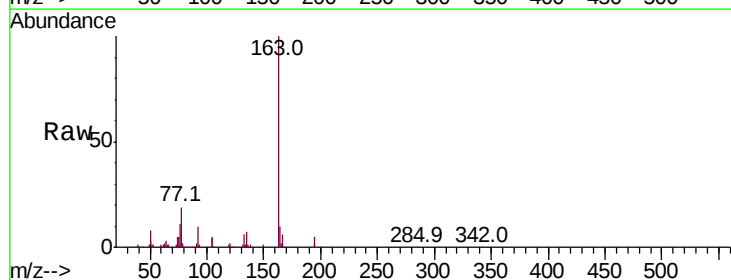
Tgt Ion:163 Resp: 106526

Ion Ratio Lower Upper

163 100

194 5.1 3.6 5.4

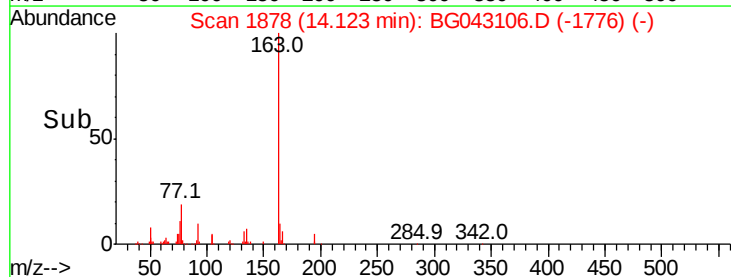
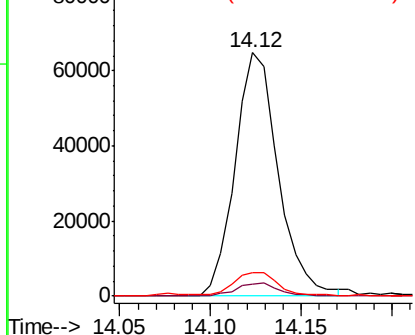
164 9.7 8.6 12.8

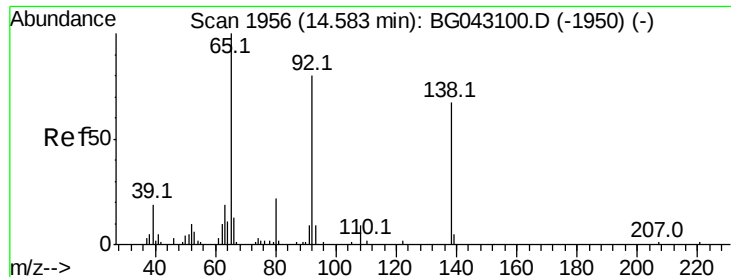


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#48

3-Nitroaniline

Concen: 9.390 ng/ul

RT: 14.08 min Scan# 1870

Delta R.T. -0.51 min

Lab File: BG043106.D

Acq: 9 Oct 2019 17:08

Instrument :

BNA_G

ClientSampled :

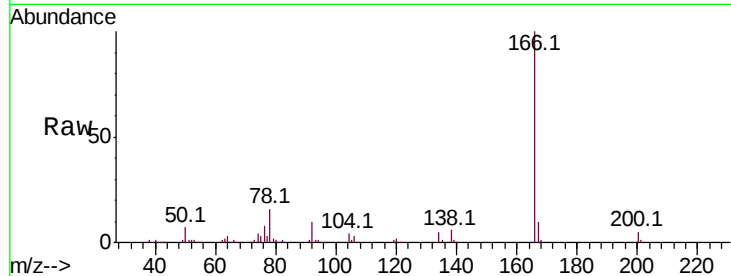
Tot Ion:138 Resp: 17652

Ion Ratio Lower Upper

138 100

108 0.0 10.2 15.4#

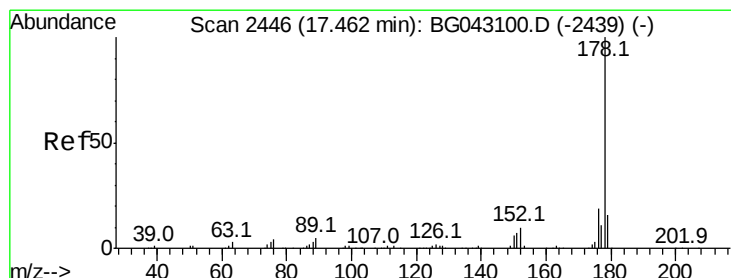
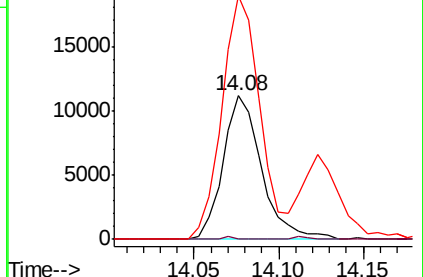
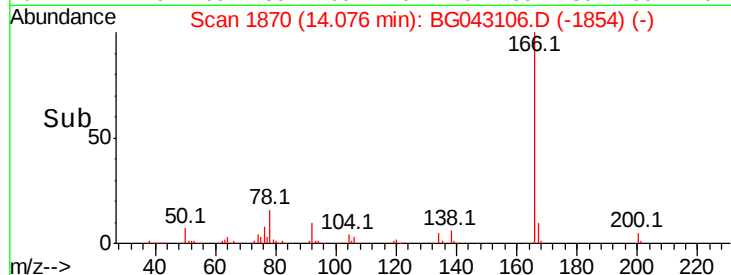
92 170.0 95.2 142.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B



#69

Phenanthrene

Concen: 5.229 ng/ul

RT: 17.46 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG043106.D

Acq: 9 Oct 2019 17:08

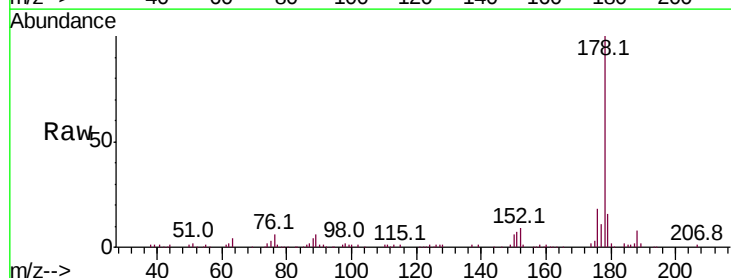
Tgt Ion:178 Resp: 88129

Ion Ratio Lower Upper

178 100

179 16.2 13.0 19.4

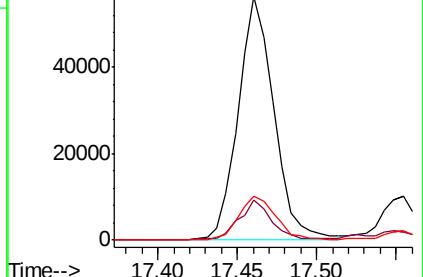
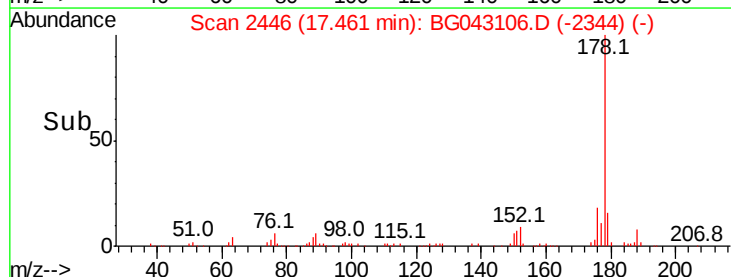
176 18.3 15.2 22.8

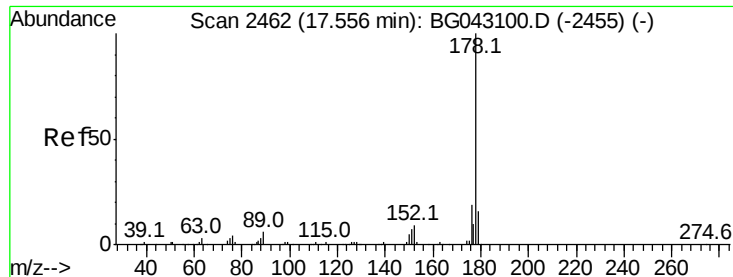


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

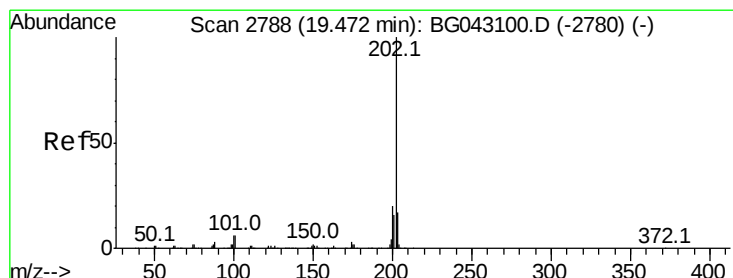
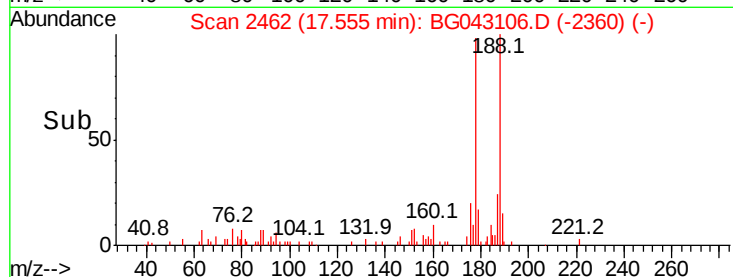
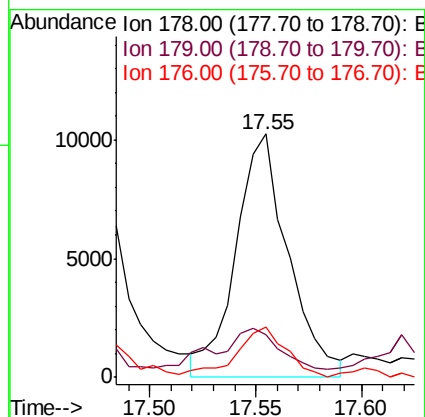
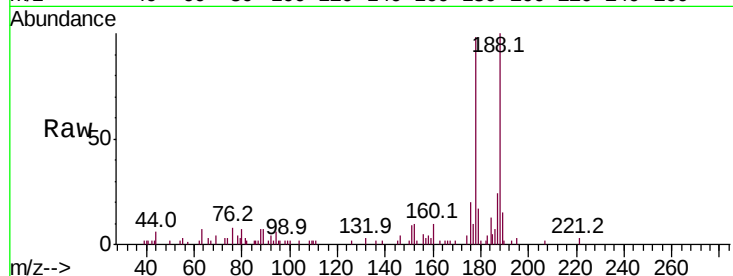




#71
 Anthracene
 Concen: 1.011 ng/ul
 RT: 17.55 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: BG043106.D
 Acq: 9 Oct 2019 17:08

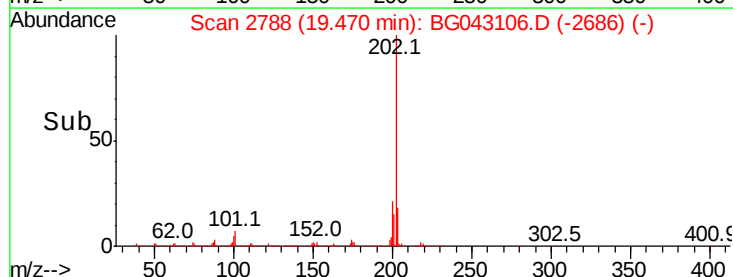
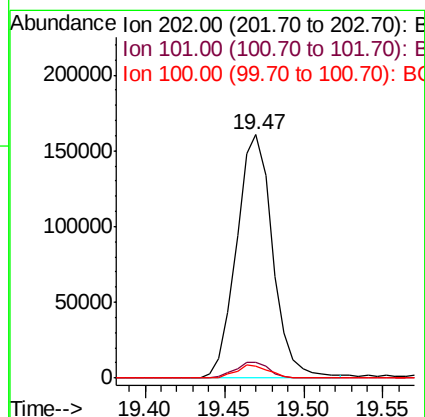
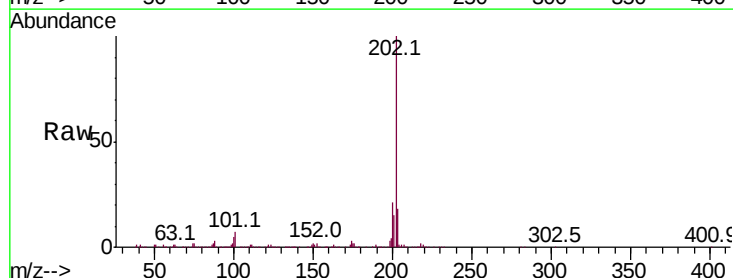
Instrument :
 BNA_G
 ClientSampleId :

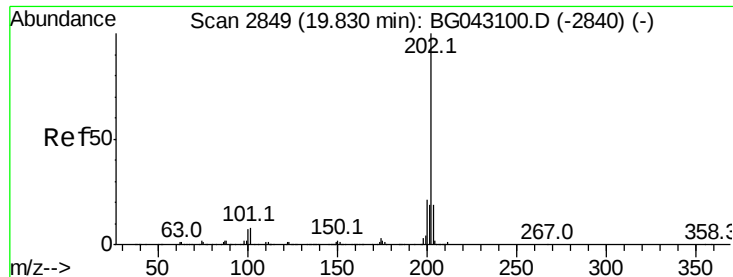
Tot Ion:178 Resp: 17636
 Ion Ratio Lower Upper
 178 100
 179 17.6 13.0 19.4
 176 20.5 15.4 23.2



#76
 Fluoranthene
 Concen: 11.822 ng/ul
 RT: 19.47 min Scan# 2788
 Delta R.T. -0.00 min
 Lab File: BG043106.D
 Acq: 9 Oct 2019 17:08

Tgt Ion:202 Resp: 254179
 Ion Ratio Lower Upper
 202 100
 101 6.6 5.0 7.6
 100 5.1 4.6 7.0





#79

Pvrene

Concen: 11.369 ng/ul

RT: 19.83 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG043106.D

Acq: 9 Oct 2019 17:08

Instrument :

BNA_G

ClientSampleId :

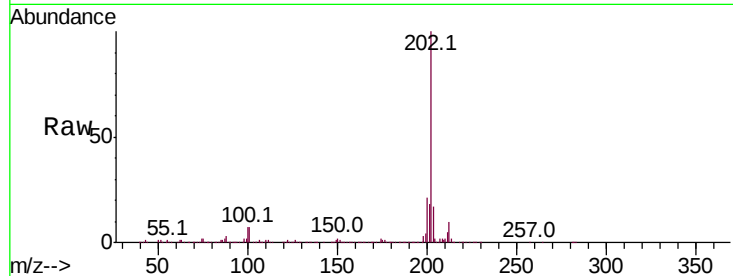
Tot Ion:202 Resp: 251673

Ion Ratio Lower Upper

202 100

101 6.8 6.2 9.4

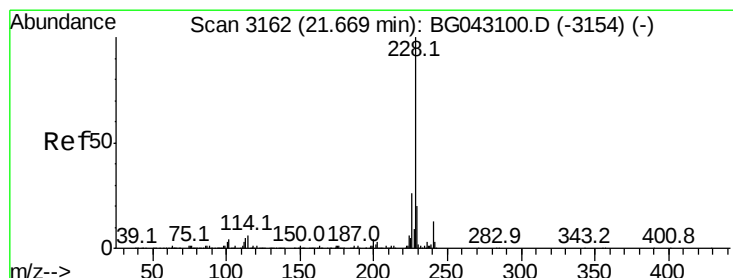
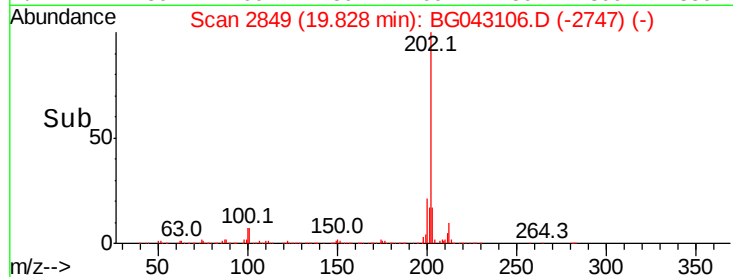
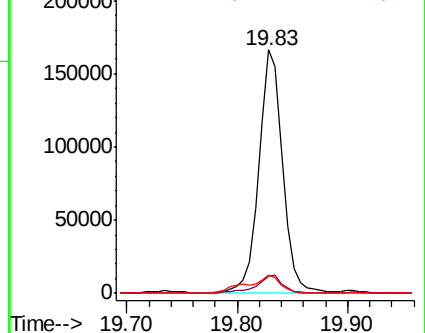
100 7.4 5.4 8.2



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



#82

Benzo(a)anthracene

Concen: 6.787 ng/ul

RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG043106.D

Acq: 9 Oct 2019 17:08

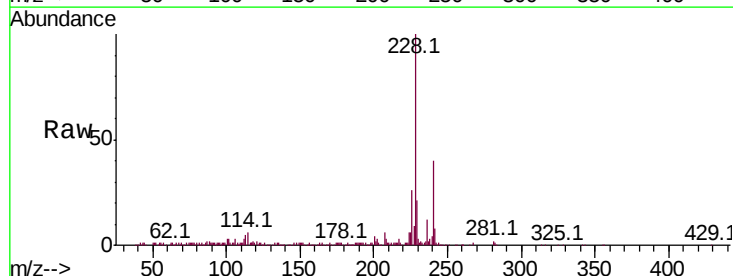
Tgt Ion:228 Resp: 163459

Ion Ratio Lower Upper

228 100

229 20.8 16.2 24.2

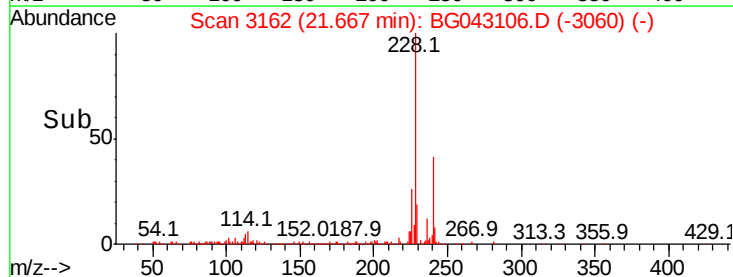
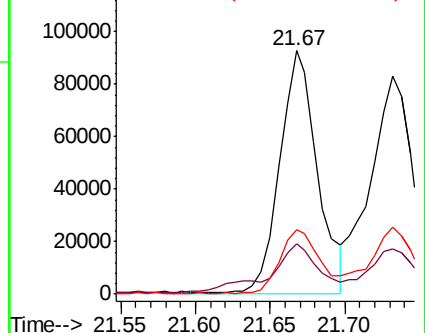
226 26.4 21.0 31.4

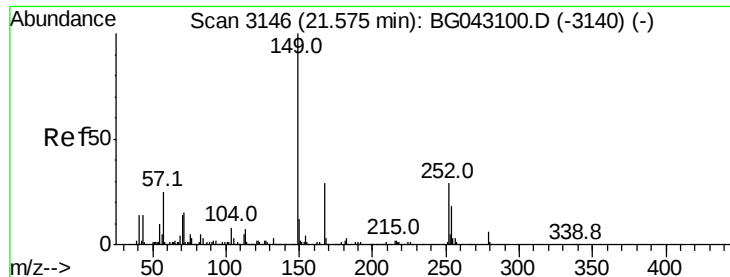


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

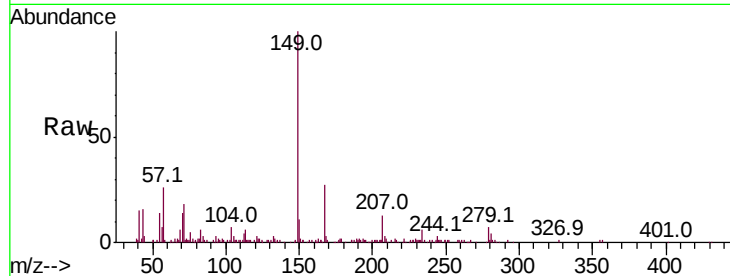




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.709 ng/ul
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG043106.D
 Acq: 9 Oct 2019 17:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.1	23.2	34.8
279	6.5	4.7	7.1

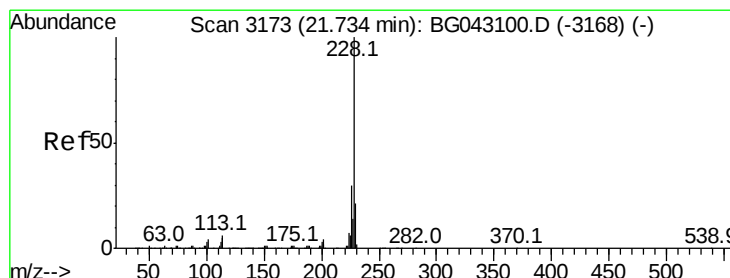
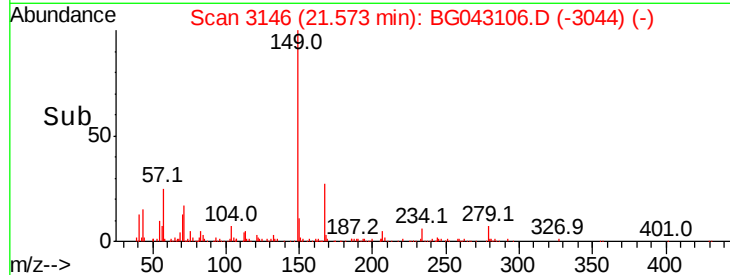
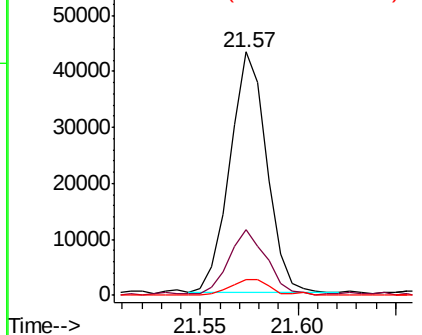


Abundance

Ion 149.00 (148.70 to 149.70): E

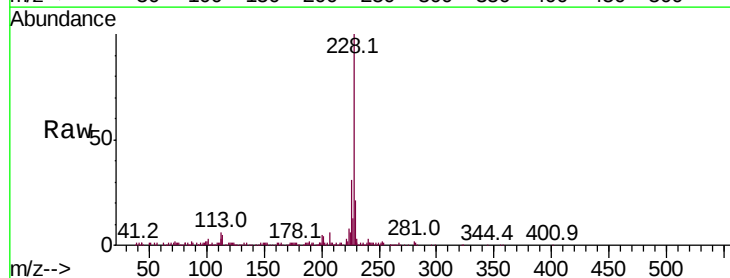
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Chrysene
 Concen: 7.316 ng/ul
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.00 min
 Lab File: BG043106.D
 Acq: 9 Oct 2019 17:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	20.5	16.6	25.0

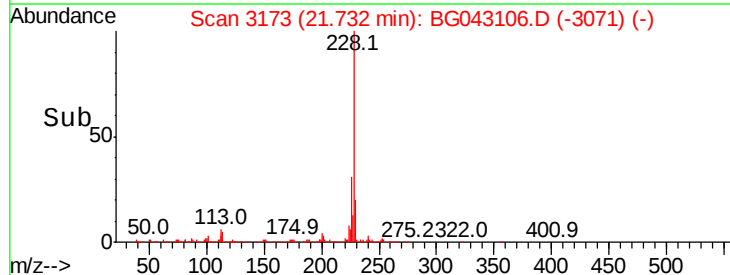
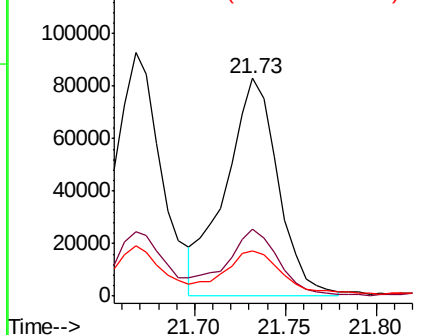


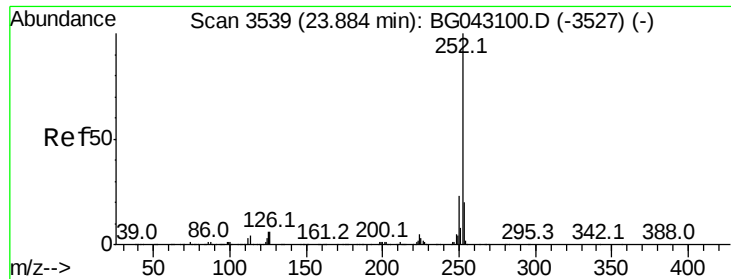
Abundance

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





#87

Benzo(b)fluoranthene

Concen: 8.254 ng/ul

RT: 23.88 min Scan# 3539

Delta R.T. -0.00 min

Lab File: BG043106.D

Acq: 9 Oct 2019 17:08

Instrument :

BNA_G

ClientSampleId :

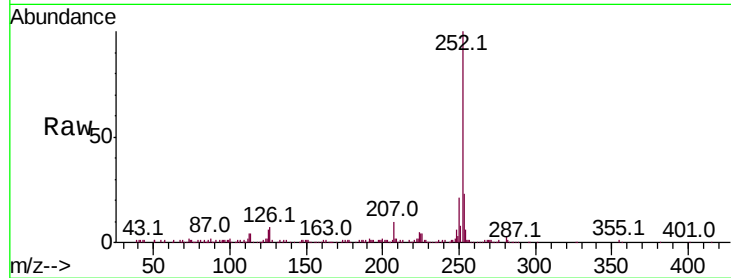
Tot Ion:252 Resp: 211723

Ion Ratio Lower Upper

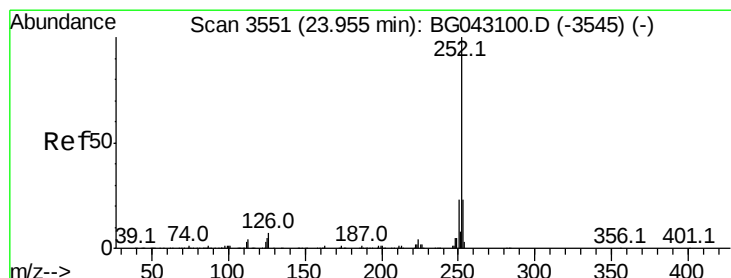
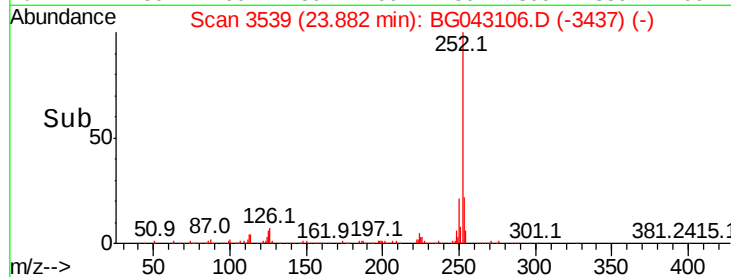
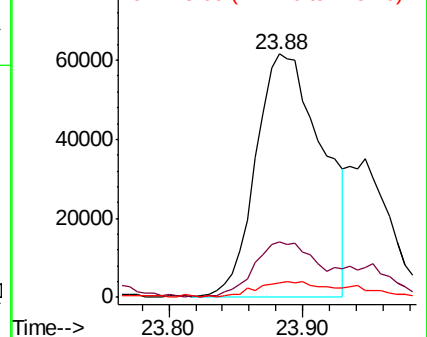
252 100

253 22.8 16.4 24.6

125 6.1 4.6 7.0



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(k)fluoranthene

Concen: 8.446 ng/ul

RT: 23.88 min Scan# 3539

Delta R.T. -0.07 min

Lab File: BG043106.D

Acq: 9 Oct 2019 17:08

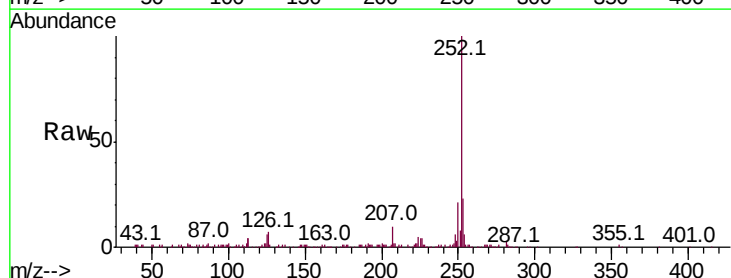
Tgt Ion:252 Resp: 211723

Ion Ratio Lower Upper

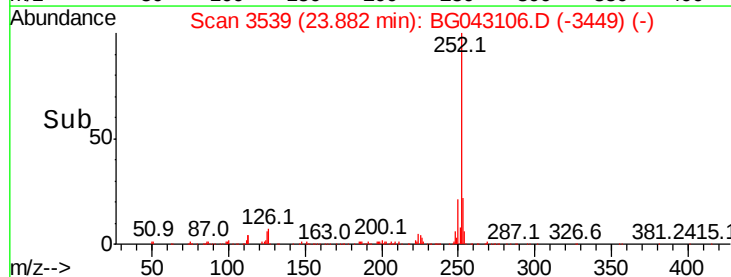
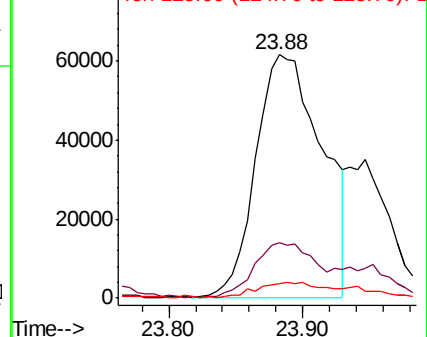
252 100

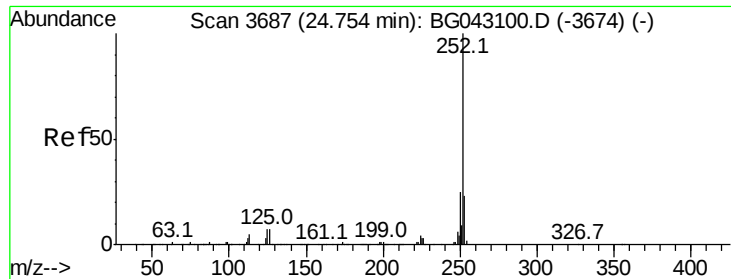
253 22.8 18.4 27.6

125 6.1 4.4 6.6



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

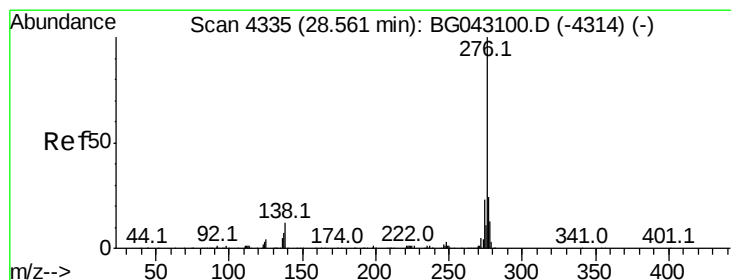
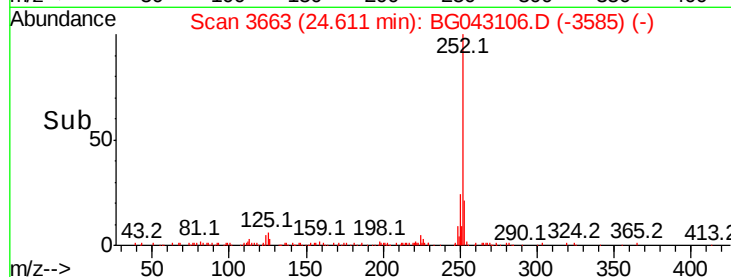
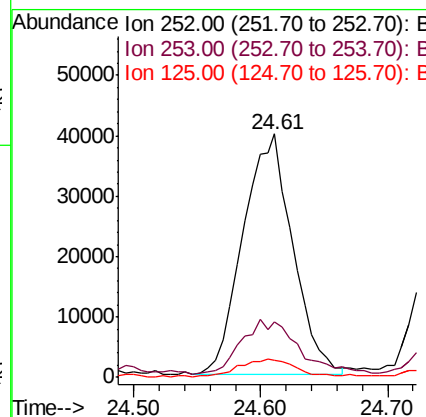
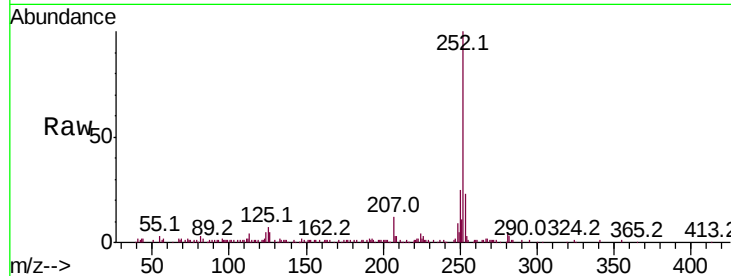




#90
Benzo(a)pyrene
Concen: 4.428 ng/ul
RT: 24.61 min Scan# 3663
Delta R.T. -0.14 min
Lab File: BG043106.D
Acq: 9 Oct 2019 17:08

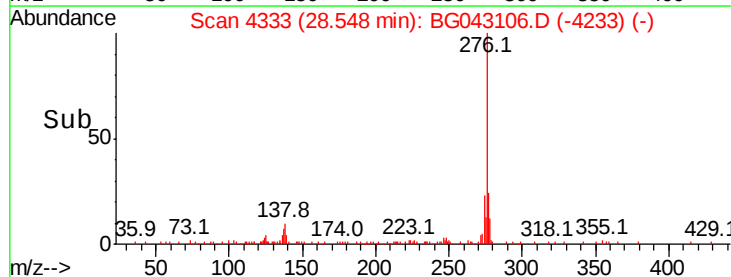
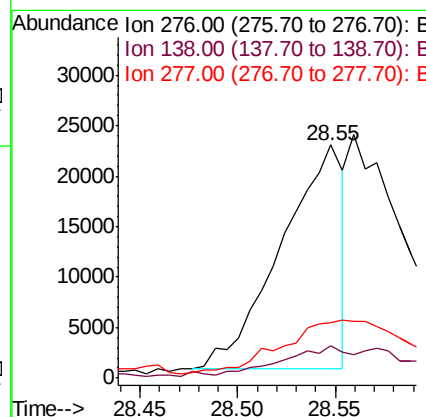
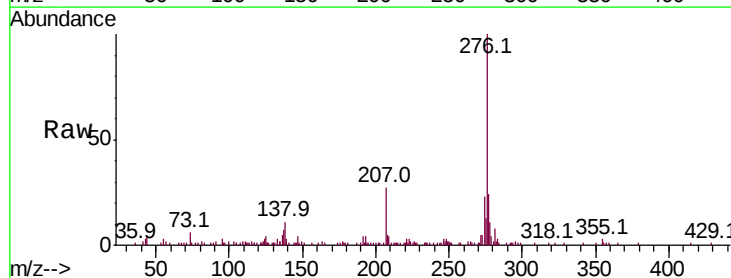
Instrument :
BNA_G
ClientSampled :

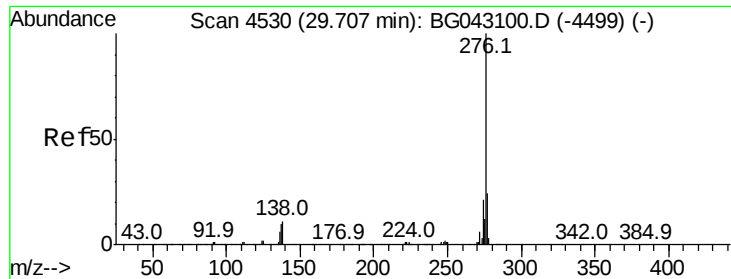
Tot Ion:252 Resp: 108715
Ion Ratio Lower Upper
252 100
253 22.7 18.9 28.3
125 7.0 5.3 7.9



#91
Indeno(1,2,3-cd)pyrene
Concen: 1.638 ng/ul
RT: 28.55 min Scan# 4333
Delta R.T. -0.01 min
Lab File: BG043106.D
Acq: 9 Oct 2019 17:08

Tgt Ion:276 Resp: 48734
Ion Ratio Lower Upper
276 100
138 14.1 9.2 13.8#
277 23.7 19.0 28.6





#93

Benzo(a,h,i)perylene

Concen: 2.177 ng/ul

RT: 29.69 min Scan# 4528

Delta R.T. -0.01 min

Lab File: BG043106.D

Acq: 9 Oct 2019 17:08

Instrument :

BNA_G

ClientSampleId :

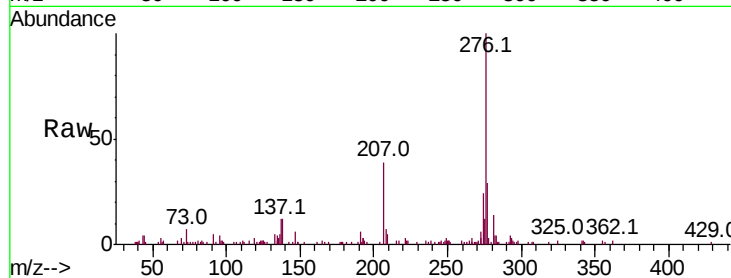
Tot Ion:276 Resp: 54917

Ion Ratio Lower Upper

276 100

138 11.9 8.7 13.1

277 28.9 19.1 28.7#



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

