

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
 Data File : BG042228.D
 Acq On : 15 Aug 2019 14:19
 Operator : HP/JU
 Sample : K4183-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AF4

Quant Time: Aug 16 10:05:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 10:42:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	76906	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	318208	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	213996	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	429757	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	427199	20.00	ng/ul	0.00
85) Perylene-d12	25.01	264	510013	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	2787	1.59	ng/uL	0.00
5) Phenol-d5	7.18	99	73727	12.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	36099	10.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	68479	13.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	59696	11.78	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	32383	13.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	39913	14.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	76363	13.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	31481	5.05	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	226489	13.65	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	258126	13.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	26961	9.67	ng/ul	0.00
57) Fluorene-d10	15.68	176	196530	13.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	18334	6.65	ng/ul	0.00
70) Anthracene-d10	17.53	188	296748	14.39	ng/ul	0.00
78) Pyrene-d10	19.82	212	328988	13.80	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	370405	13.90	ng/ul	0.01

Target Compounds

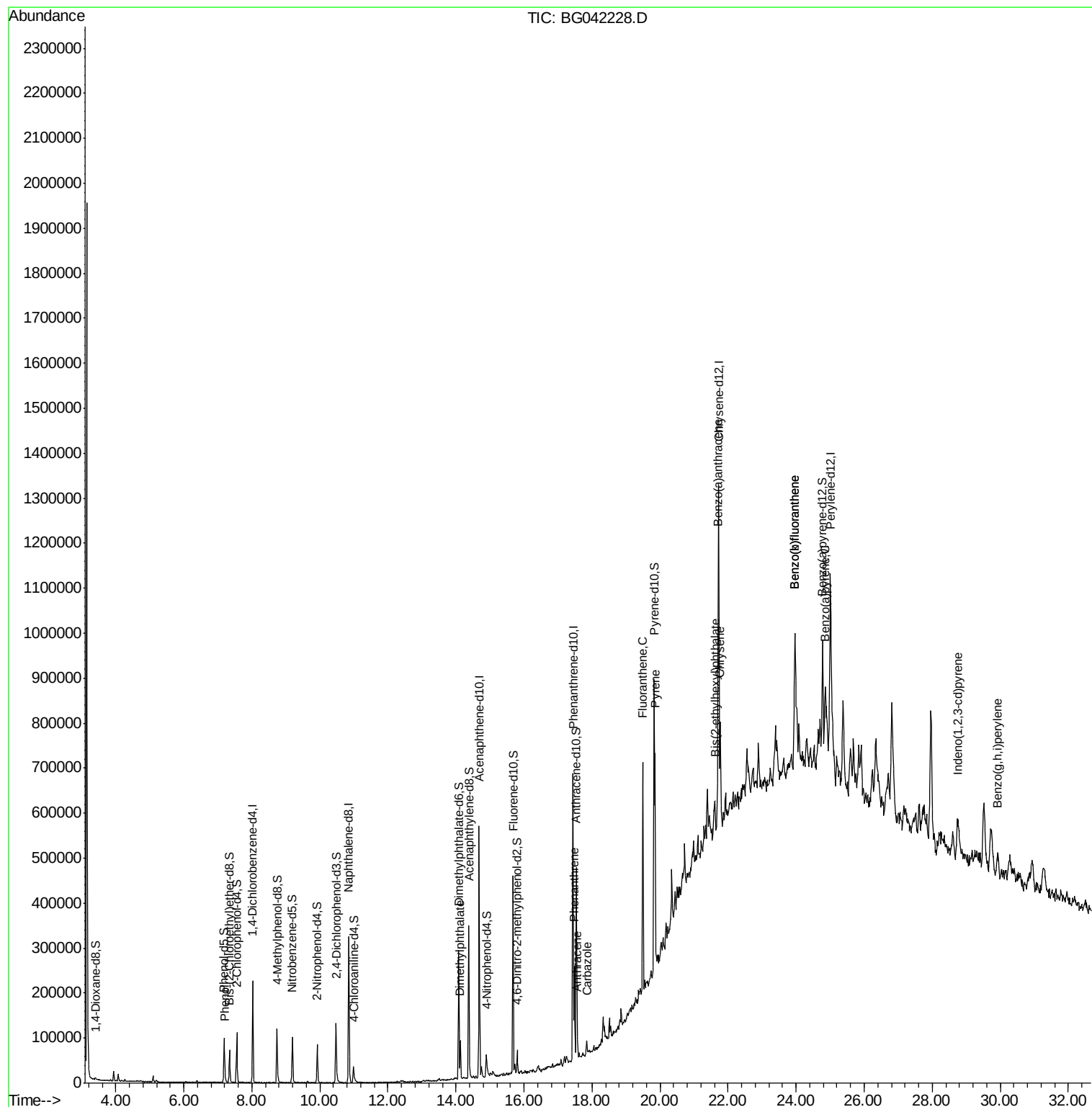
					Ovalue	
6) Phenol	7.21	94	9511	1.527	ng/ul	96
44) Dimethylphthalate	14.13	163	67280	4.083	ng/ul	98
69) Phenanthrene	17.48	178	145562	6.187	ng/ul	99
71) Anthracene	17.57	178	30152	1.264	ng/ul	97
74) Carbazole	17.84	167	20999	1.062	ng/ul#	97
76) Fluoranthene	19.49	202	354517	13.041	ng/ul	97
79) Pyrene	19.85	202	321235	11.179	ng/ul	96
82) Benzo(a)anthracene	21.70	228	175834	5.936	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.61	149	19714	1.277	ng/ul#	93
84) Chrysene	21.77	228	198554	7.182	ng/ul	96
87) Benzo(b)fluoranthene	23.96	252	300791	9.398	ng/ul#	91
88) Benzo(k)fluoranthene	23.96	252	300791	9.774	ng/ul#	90
90) Benzo(a)pyrene	24.85	252	196346	6.438	ng/ul#	94
91) Indeno(1,2,3-cd)pyrene	28.75	276	129598	3.643	ng/ul	94
93) Benzo(g,h,i)perylene	29.92	276	100364	3.379	ng/ul#	93

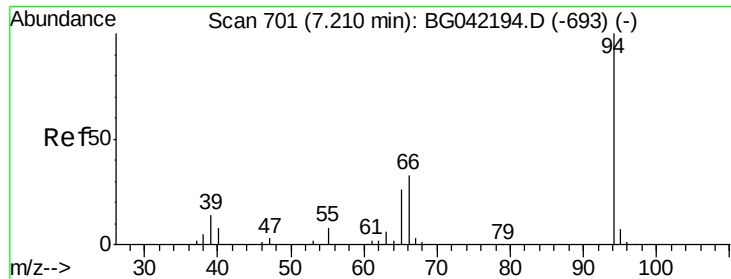
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 10:42:59 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.527 ng/ul

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG042228.D

Acq: 15 Aug 2019 14:19

Instrument :

BNA_G

ClientSampleId :

C0AF4

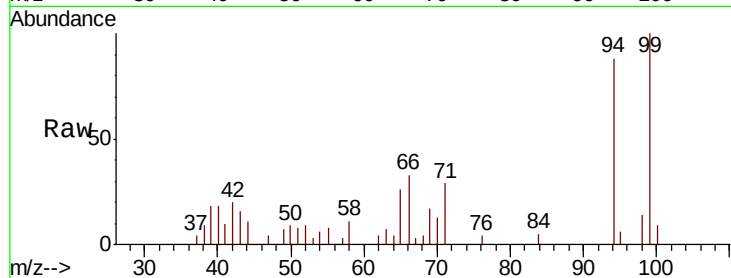
Tot Ion: 94 Resp: 9511

Ion Ratio Lower Upper

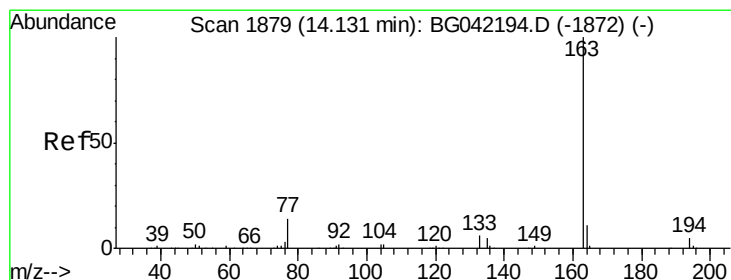
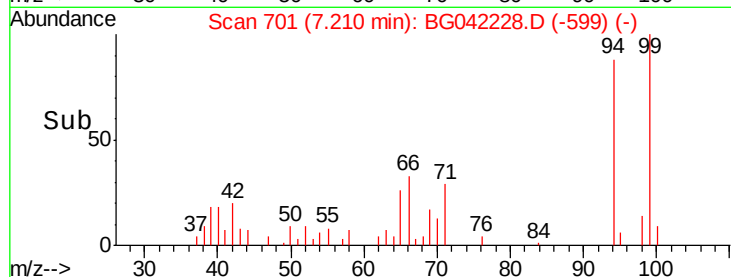
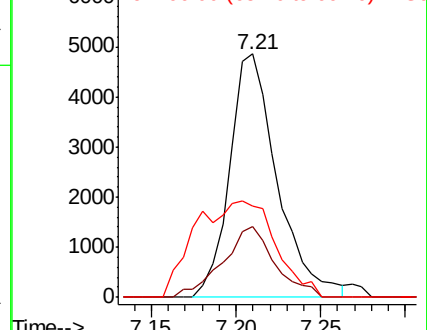
94 100

65 29.3 25.8 38.6

66 37.5 31.8 47.8



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: 4.083 ng/ul

RT: 14.13 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BG042228.D

Acq: 15 Aug 2019 14:19

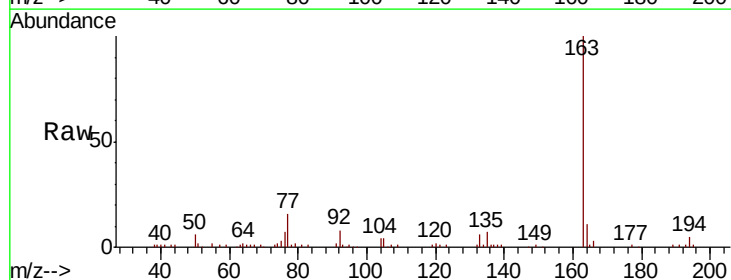
Tgt Ion:163 Resp: 67280

Ion Ratio Lower Upper

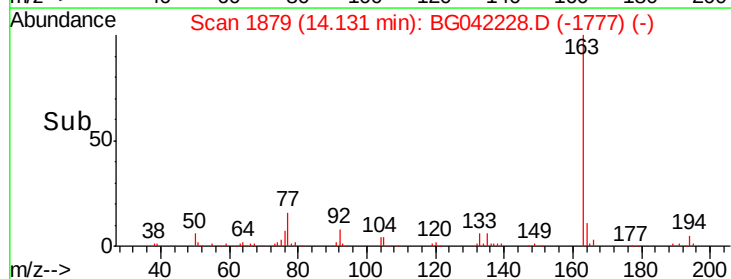
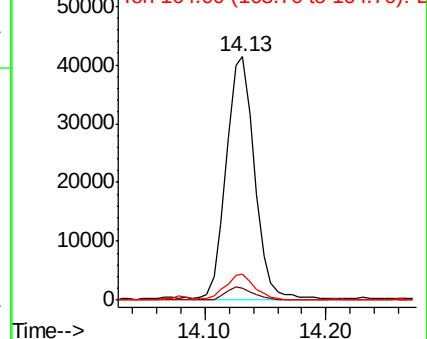
163 100

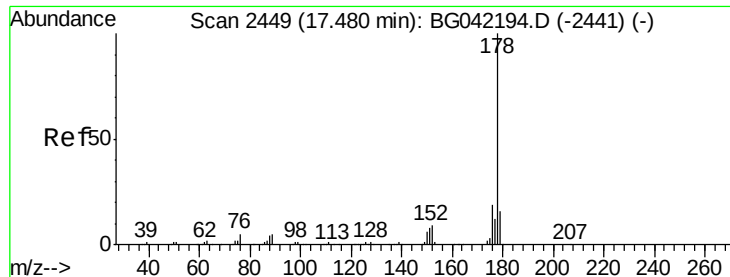
194 5.0 4.2 6.2

164 10.9 7.8 11.8



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





#69

Phenanthrene

Concen: 6.187 ng/ul

RT: 17.48 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BG042228.D

Acq: 15 Aug 2019 14:19

Instrument :

BNA_G

ClientSampleId :

C0AF4

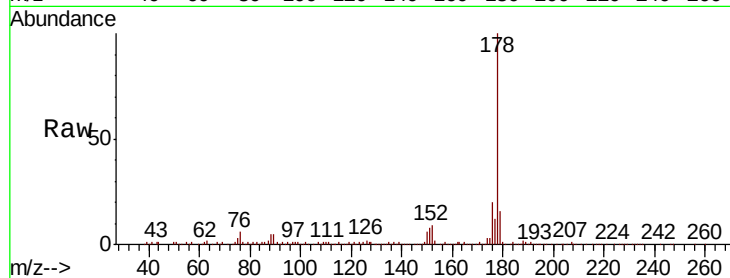
Tot Ion:178 Resp: 145562

Ion Ratio Lower Upper

178 100

179 15.9 12.8 19.2

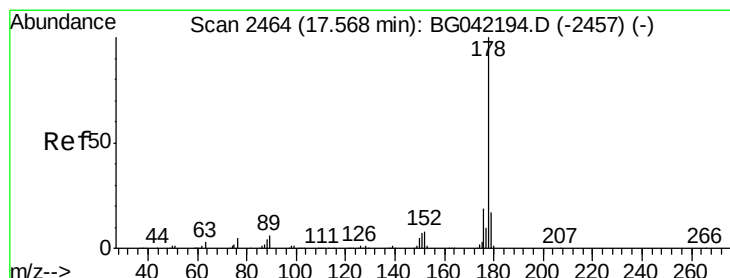
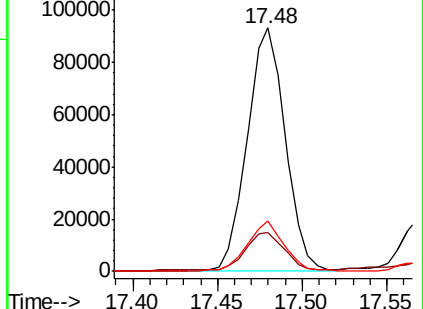
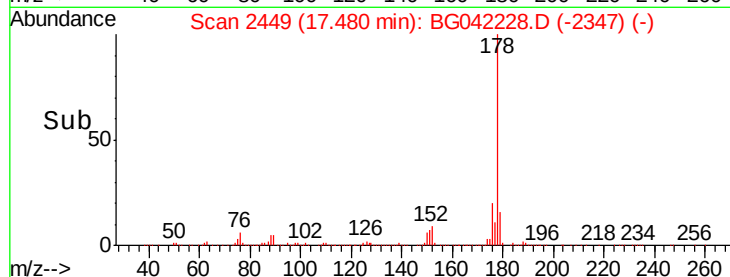
176 20.4 15.4 23.2



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: 1.264 ng/ul

RT: 17.57 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BG042228.D

Acq: 15 Aug 2019 14:19

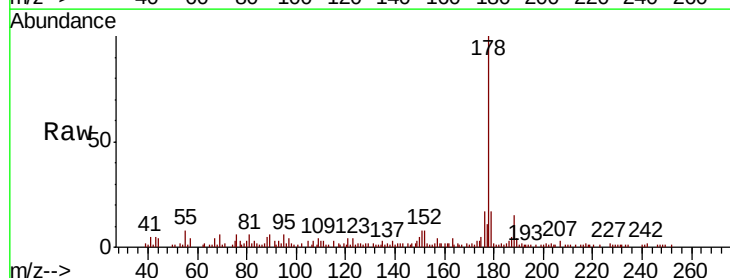
Tgt Ion:178 Resp: 30152

Ion Ratio Lower Upper

178 100

179 17.3 13.4 20.0

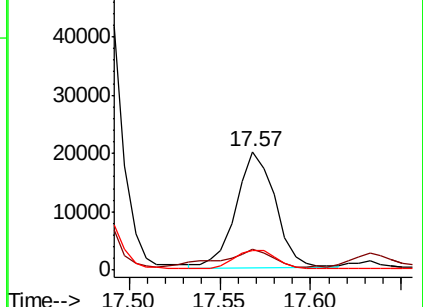
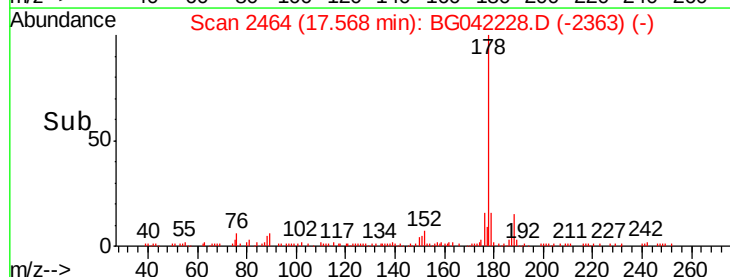
176 17.0 15.4 23.2

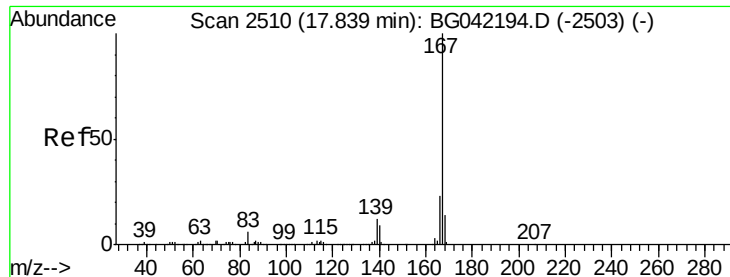


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Carbazole

Concen: 1.062 ng/ul

RT: 17.84 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BG042228.D

Acq: 15 Aug 2019 14:19

Instrument :

BNA_G

ClientSampleId :

C0AF4

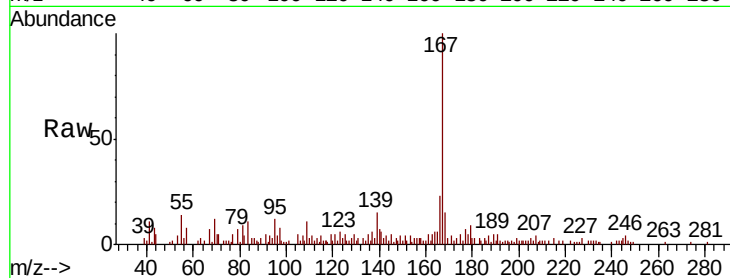
Tot Ion:167 Resp: 20999

Ion Ratio Lower Upper

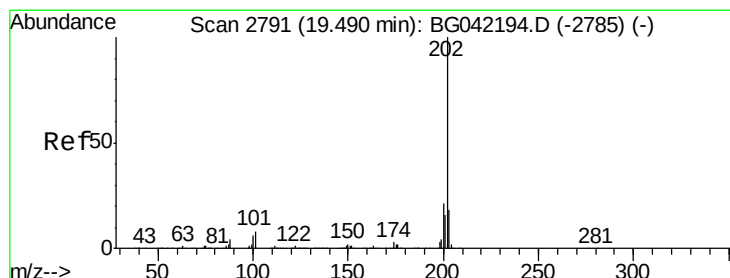
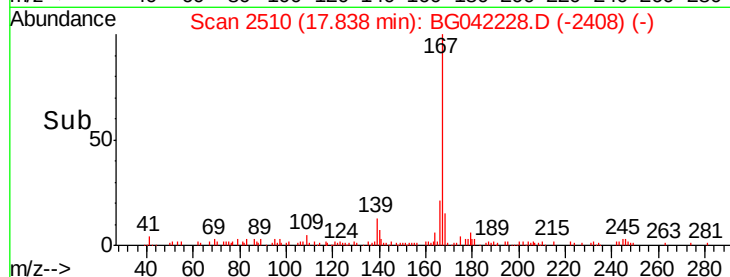
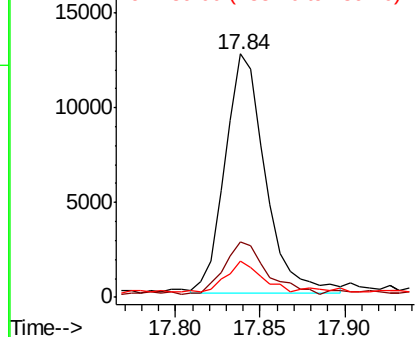
167 100

166 22.9 18.2 27.4

139 15.0 9.6 14.4#



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



#76

Fluoranthene

Concen: 13.041 ng/ul

RT: 19.49 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BG042228.D

Acq: 15 Aug 2019 14:19

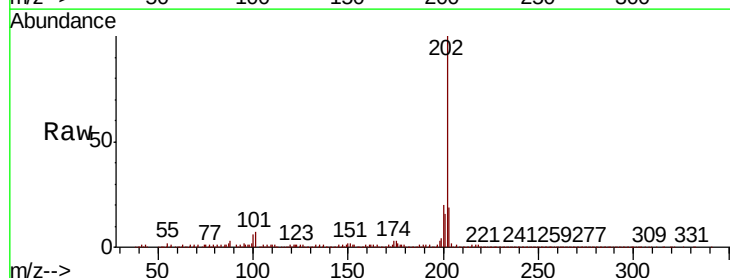
Tgt Ion:202 Resp: 354517

Ion Ratio Lower Upper

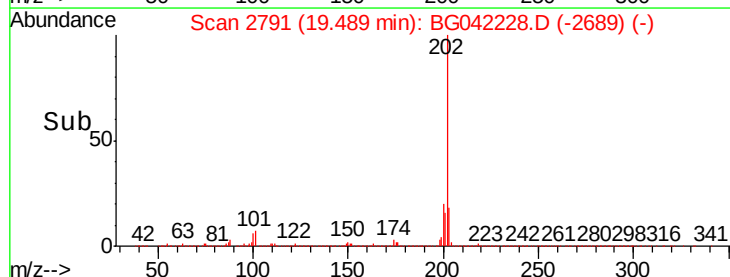
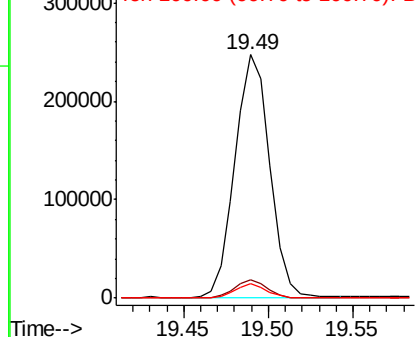
202 100

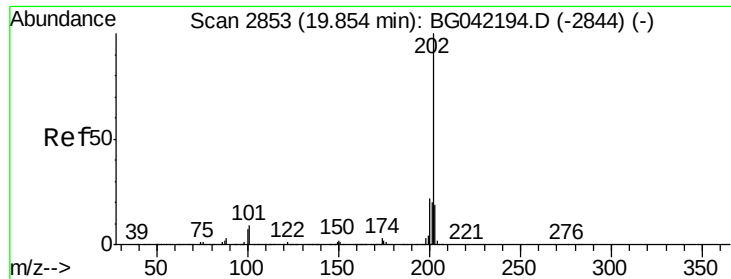
101 7.3 6.7 10.1

100 5.7 5.3 7.9



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

Pvrene

Concen: 11.179 ng/ul

RT: 19.85 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG042228.D

Acq: 15 Aug 2019 14:19

Instrument :

BNA_G

ClientSampled :

C0AF4

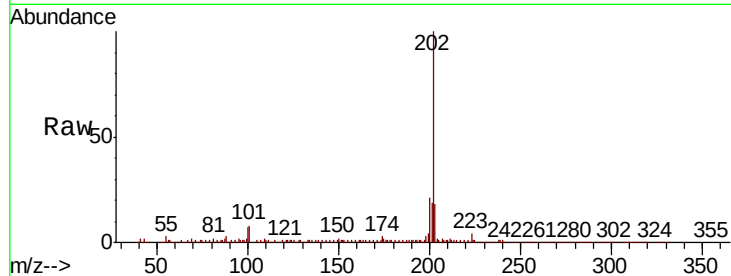
Tot Ion:202 Resp: 321235

Ion Ratio Lower Upper

202 100

101 8.0 7.6 11.4

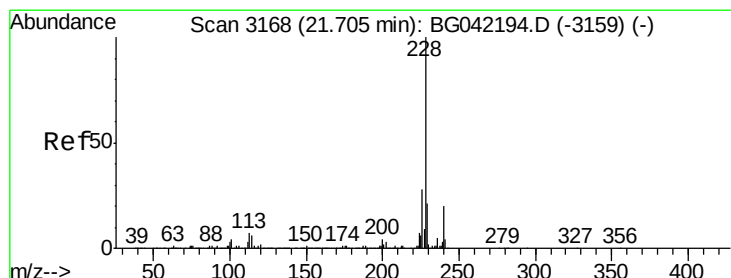
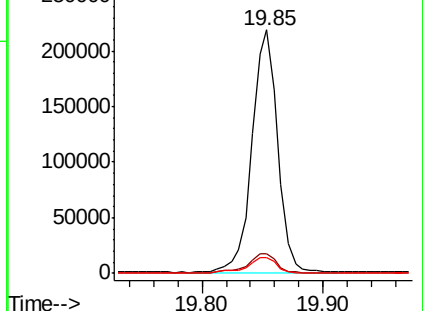
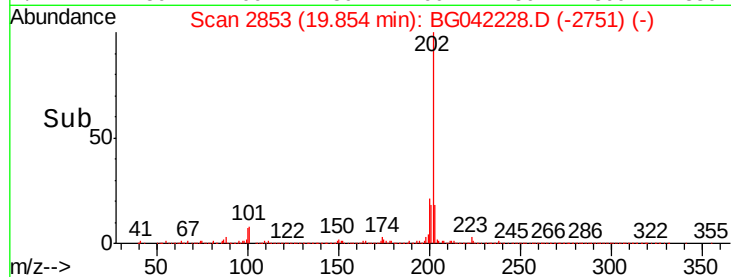
100 6.7 6.5 9.7



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: 5.936 ng/ul

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG042228.D

Acq: 15 Aug 2019 14:19

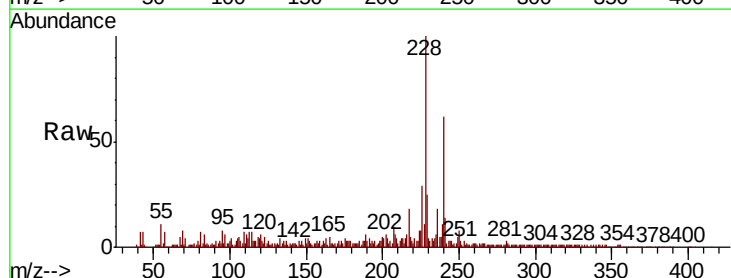
Tgt Ion:228 Resp: 175834

Ion Ratio Lower Upper

228 100

229 24.8 17.0 25.6

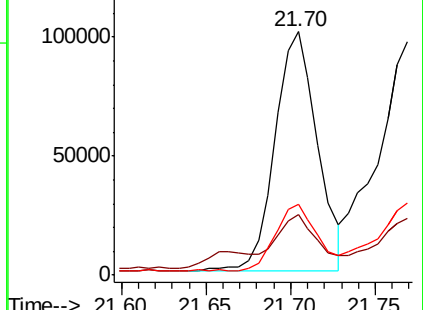
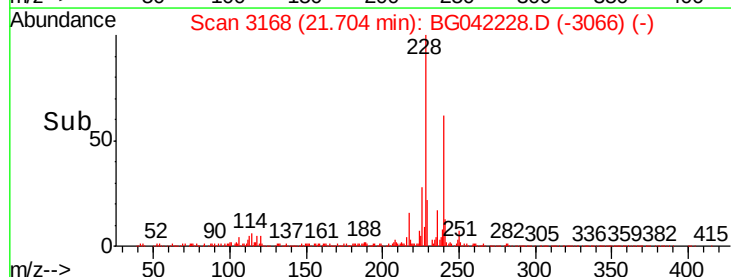
226 29.2 23.3 34.9

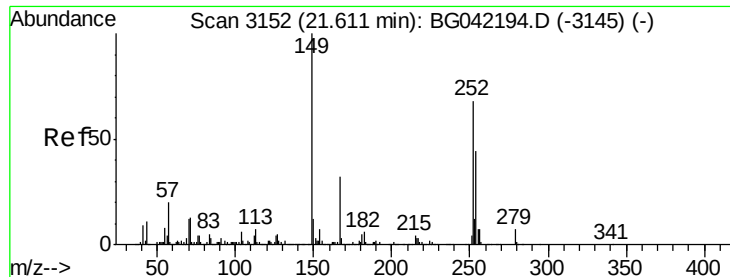


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

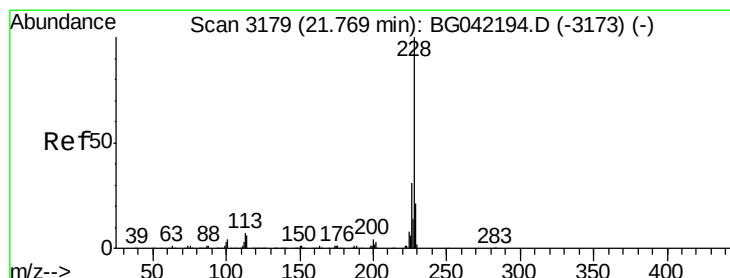
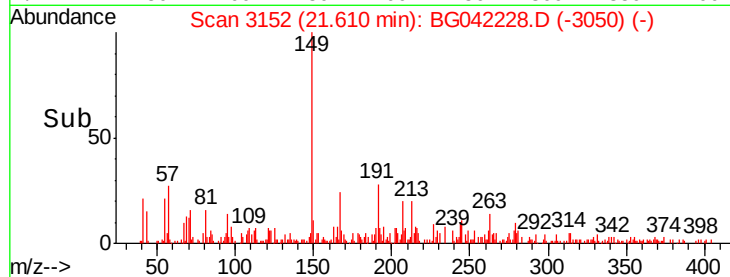
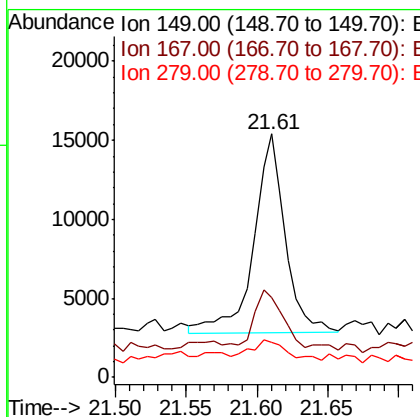
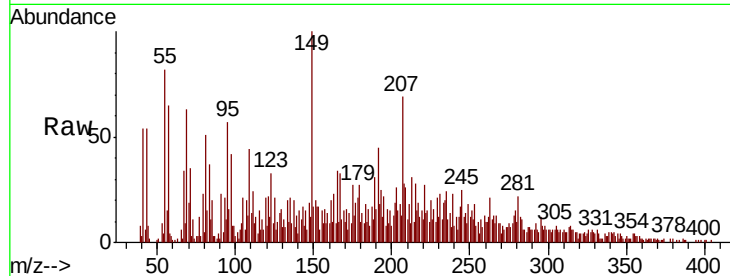




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.277 ng/ul
 RT: 21.61 min Scan# 3152
 Delta R.T. 0.00 min
 Lab File: BG042228.D
 Acq: 15 Aug 2019 14:19

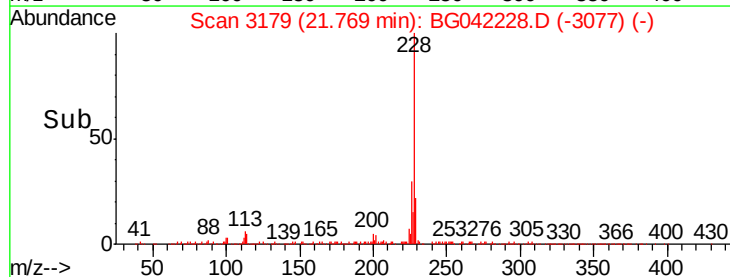
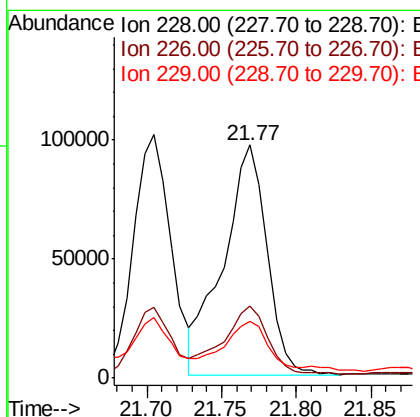
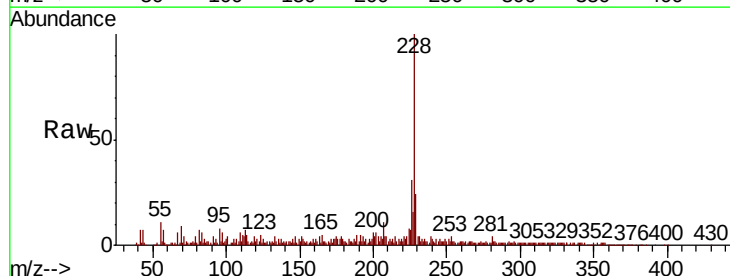
Instrument :
 BNA_G
 ClientSampleId :
 C0AF4

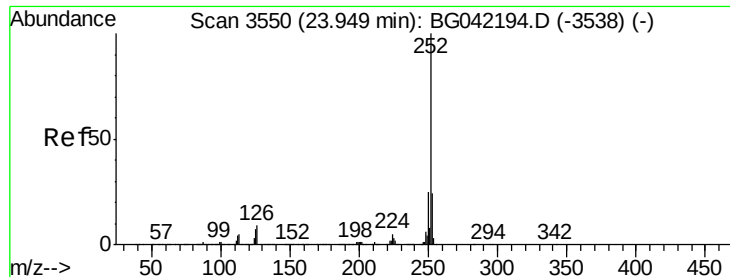
Tot Ion:149 Resp: 19714
 Ion Ratio Lower Upper
 149 100
 167 33.0 25.0 37.4
 279 14.5 5.2 7.8#



#84
 Chrysene
 Concen: 7.182 ng/ul
 RT: 21.77 min Scan# 3179
 Delta R.T. 0.00 min
 Lab File: BG042228.D
 Acq: 15 Aug 2019 14:19

Tgt Ion:228 Resp: 198554
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.7 38.5
 229 24.4 16.6 24.8





#87

Benzo(b)fluoranthene

Concen: 9.398 ng/ul

RT: 23.96 min Scan# 3552

Delta R.T. 0.01 min

Lab File: BG042228.D

Acq: 15 Aug 2019 14:19

Instrument :

BNA_G

ClientSampleId :

C0AF4

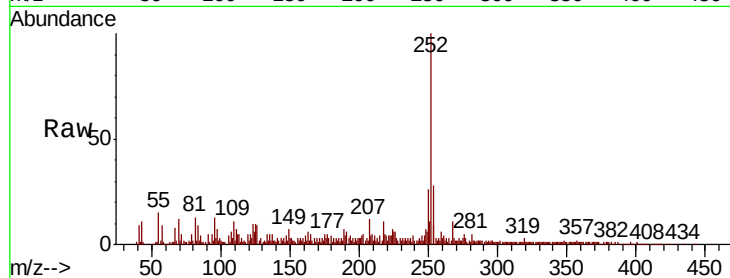
Tot Ion:252 Resp: 300791

Ion Ratio Lower Upper

252 100

253 27.7 18.4 27.6#

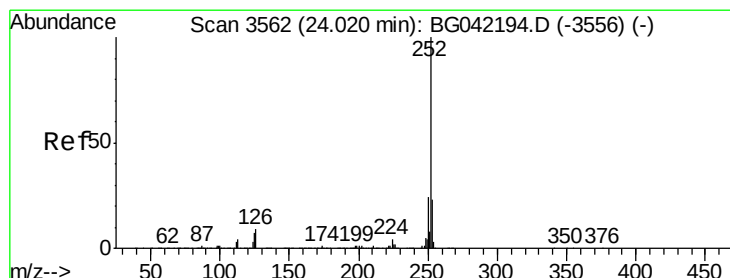
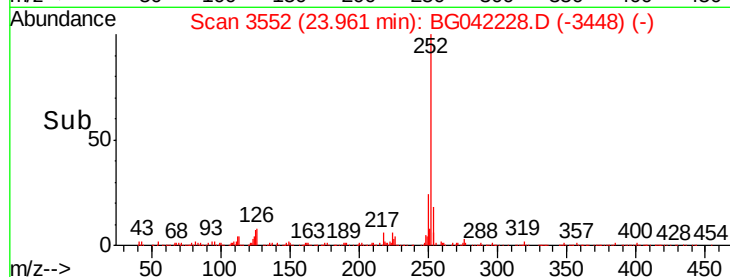
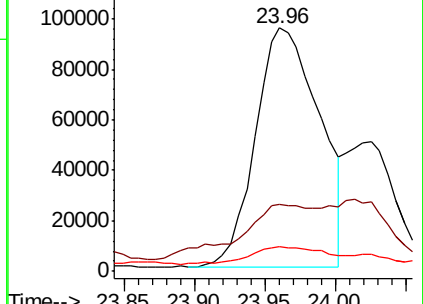
125 9.9 5.8 8.8#



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: 9.774 ng/ul

RT: 23.96 min Scan# 3552

Delta R.T. -0.05 min

Lab File: BG042228.D

Acq: 15 Aug 2019 14:19

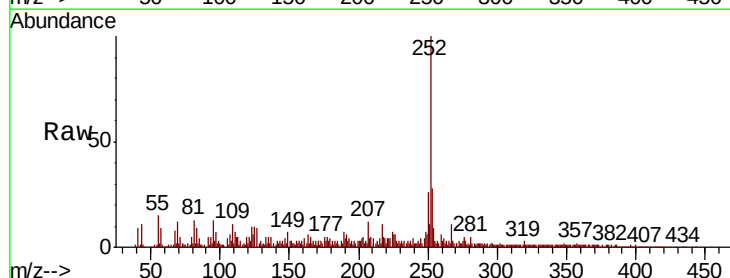
Tgt Ion:252 Resp: 300791

Ion Ratio Lower Upper

252 100

253 27.7 18.3 27.5#

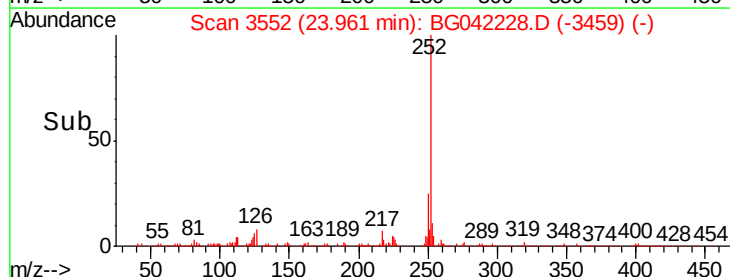
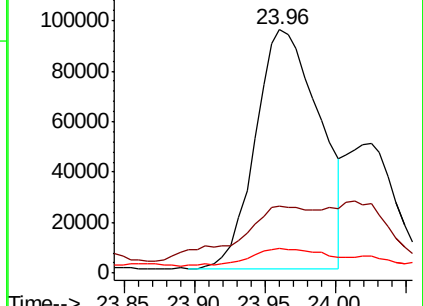
125 9.9 5.5 8.3#

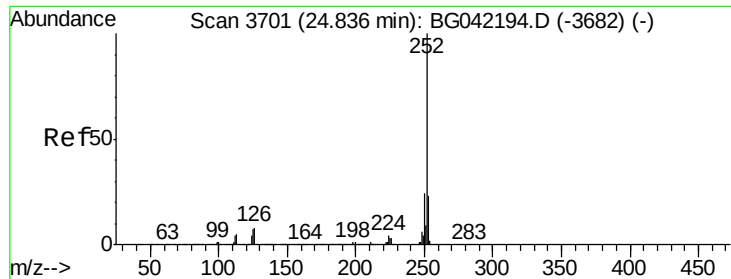


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 6.438 ng/ul

RT: 24.85 min Scan# 3703

Delta R.T. 0.01 min

Lab File: BG042228.D

Acq: 15 Aug 2019 14:19

Instrument :

BNA_G

ClientSampleId :

C0AF4

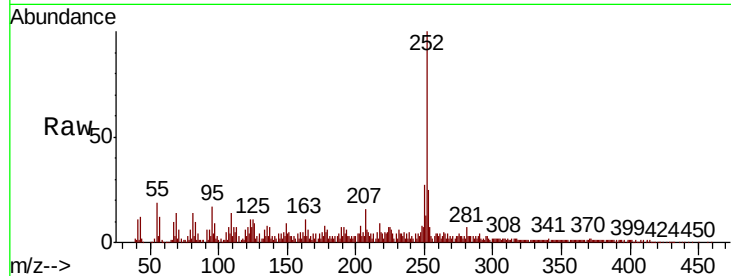
Tot Ion:252 Resp: 196346

Ion Ratio Lower Upper

252 100

253 25.2 18.3 27.5

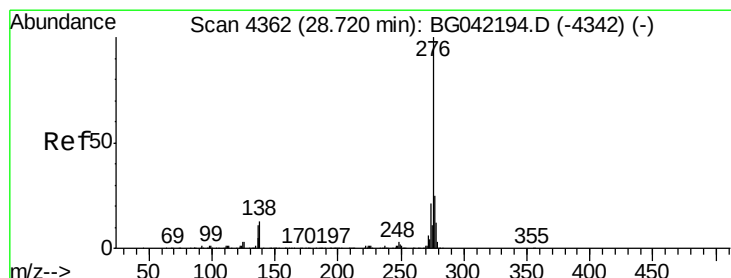
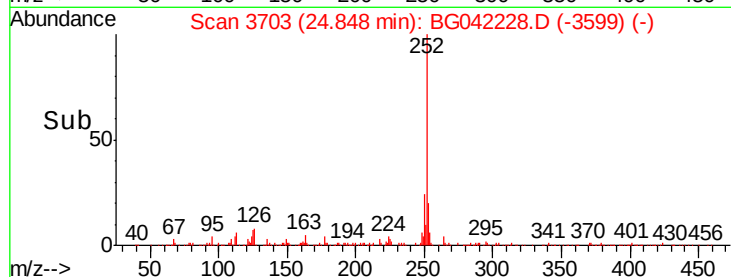
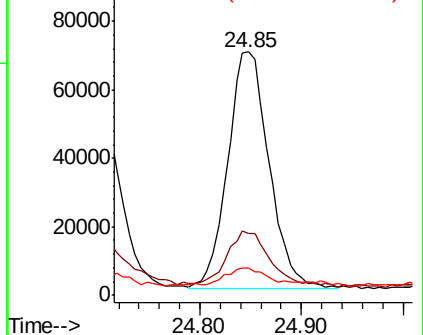
125 11.2 6.5 9.7#



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 3.643 ng/ul

RT: 28.75 min Scan# 4368

Delta R.T. 0.04 min

Lab File: BG042228.D

Acq: 15 Aug 2019 14:19

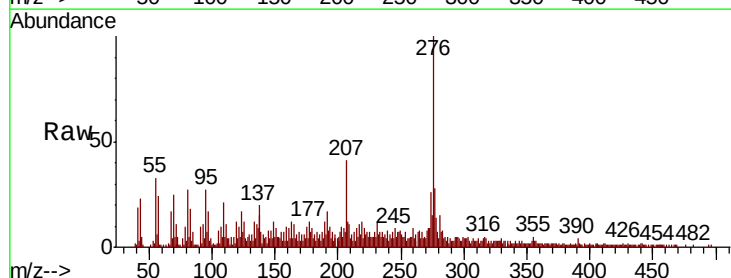
Tgt Ion:276 Resp: 129598

Ion Ratio Lower Upper

276 100

138 14.5 12.0 18.0

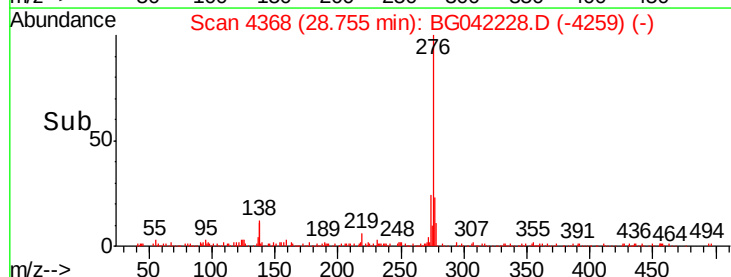
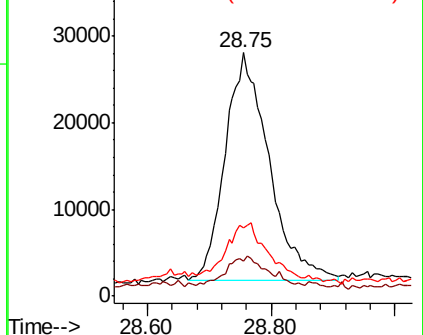
277 28.2 19.2 28.8

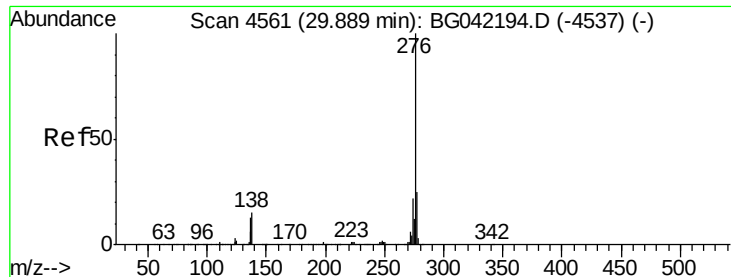


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(a,h,i)perylene

Concen: 3.379 ng/ul

RT: 29.92 min Scan# 4567

Delta R.T. 0.05 min

Lab File: BG042228.D

Acq: 15 Aug 2019 14:19

Instrument :

BNA_G

ClientSampleId :

C0AF4

Tot Ion:276 Resp: 100364

Ion Ratio Lower Upper

276 100

138 16.8 12.6 18.8

277 29.0 19.2 28.8#

