

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
 Data File : BG042227.D
 Acq On : 15 Aug 2019 13:41
 Operator : HP/JU
 Sample : K4183-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AF2

Quant Time: Aug 16 10:05:15 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	8.02	152	69985	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	295143	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	201510	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	411893	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	396493	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	476707	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	3374	2.11	ng/uL	0.00
5) Phenol-d5	7.18	99	90084	16.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	45076	14.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	83685	17.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	66119	14.34	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	40723	18.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	51157	19.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	95878	18.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	63234	10.94	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	302418	19.35	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	347046	19.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	30319	11.55	ng/ul	0.00
57) Fluorene-d10	15.68	176	271368	19.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	31607	11.96	ng/ul	0.00
70) Anthracene-d10	17.54	188	412019	20.85	ng/ul	0.00
78) Pyrene-d10	19.82	212	446168	20.16	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	514066	20.64	ng/ul	0.00

Target Compounds

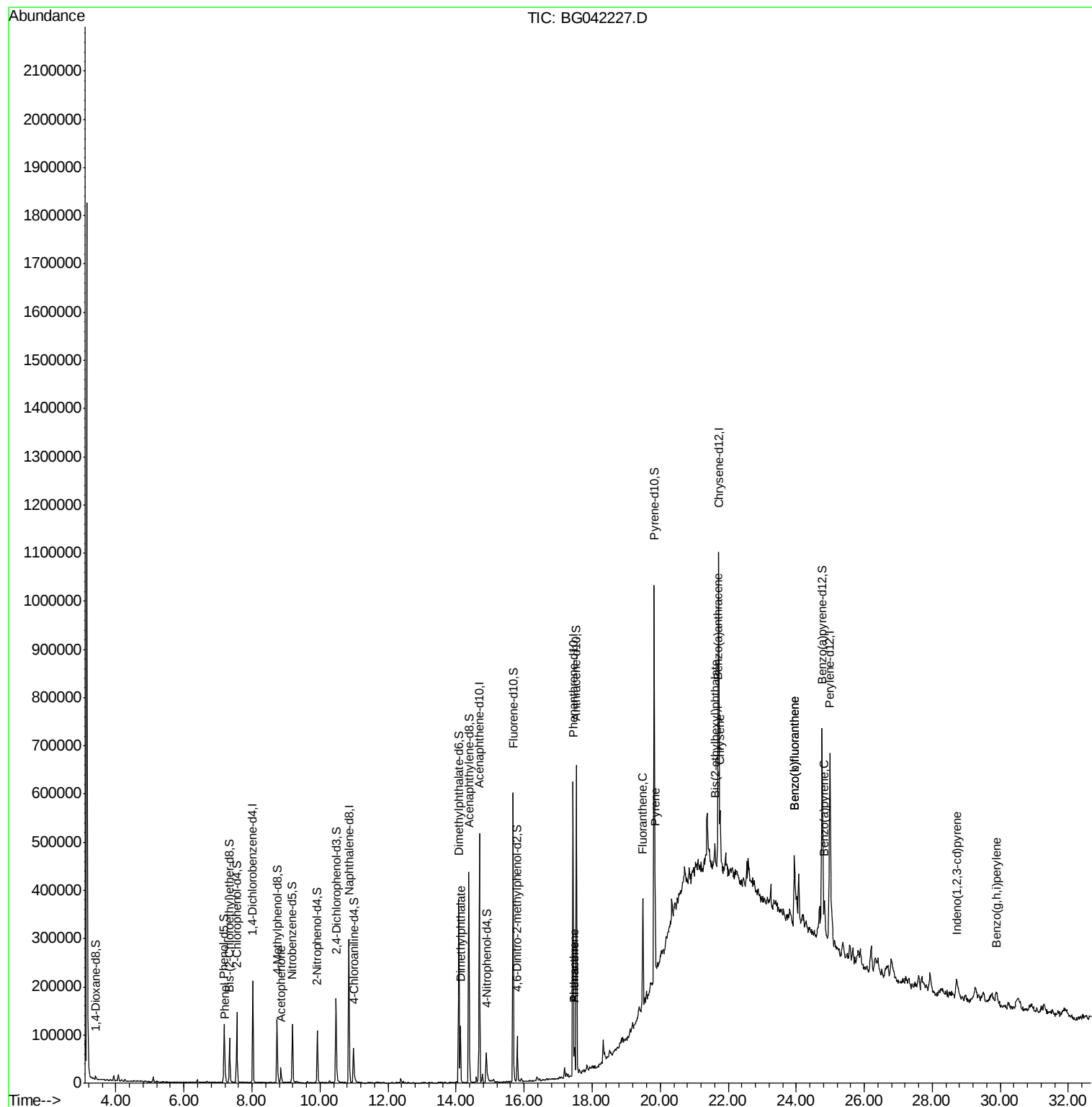
					Ovalue	
6) Phenol	7.21	94	13977	2.465	ng/ul	94
14) Acetophenone	8.85	105	21491	3.030	ng/ul	98
44) Dimethylphthalate	14.13	163	89057	5.739	ng/ul	98
69) Phenanthrene	17.48	178	36209	1.606	ng/ul	97
71) Anthracene	17.48	178	36209	1.583	ng/ul	98
76) Fluoranthene	19.49	202	166473	6.390	ng/ul	97
79) Pyrene	19.85	202	141153	5.292	ng/ul	96
82) Benzo(a)anthracene	21.70	228	79008	2.874	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.61	149	22317	1.558	ng/ul	97
84) Chrysene	21.77	228	100974	3.935	ng/ul	96
87) Benzo(b)fluoranthene	23.95	252	158019	5.282	ng/ul#	95
88) Benzo(k)fluoranthene	23.95	252	158019	5.494	ng/ul#	95
90) Benzo(a)pyrene	24.83	252	98312	3.449	ng/ul#	93
91) Indeno(1,2,3-cd)pyrene	28.71	276	73306	2.205	ng/ul	97
93) Benzo(g,h,i)perylene	29.89	276	70509	2.540	ng/ul#	93

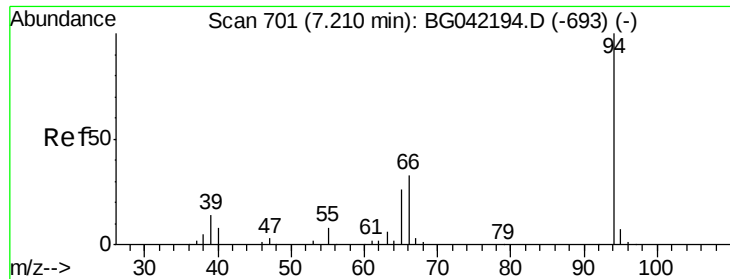
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#6

Phenol

Concen: 2.465 ng/ul

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG042227.D

Acq: 15 Aug 2019 13:41

Instrument :

BNA_G

ClientSampleId :

C0AF2

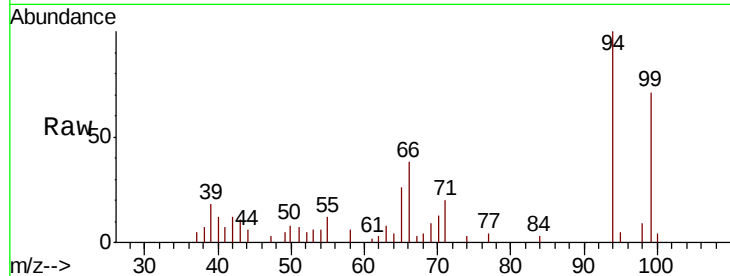
Tot Ion: 94 Resp: 13977

Ion Ratio Lower Upper

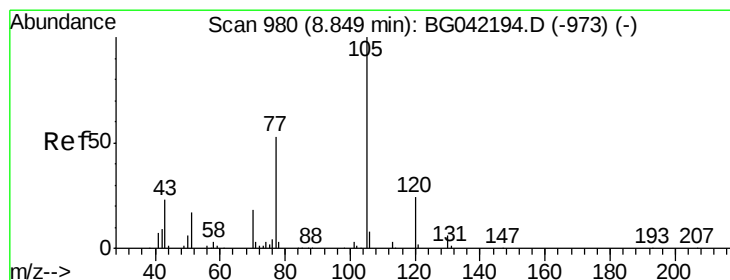
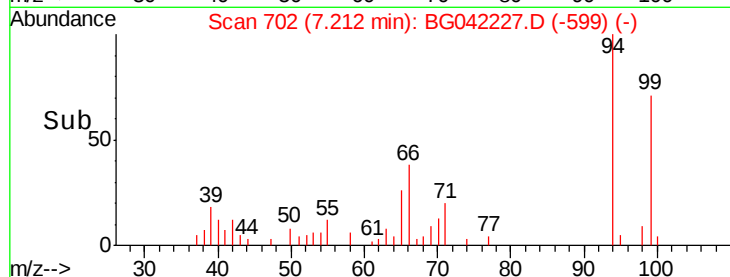
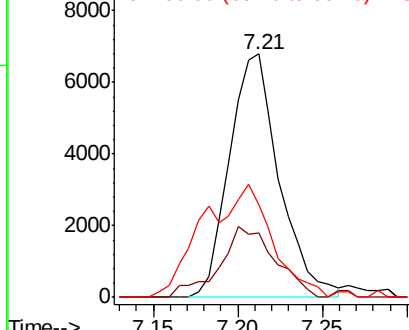
94 100

65 26.3 25.8 38.6

66 38.2 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



#14

Acetophenone

Concen: 3.030 ng/ul

RT: 8.85 min Scan# 981

Delta R.T. 0.00 min

Lab File: BG042227.D

Acq: 15 Aug 2019 13:41

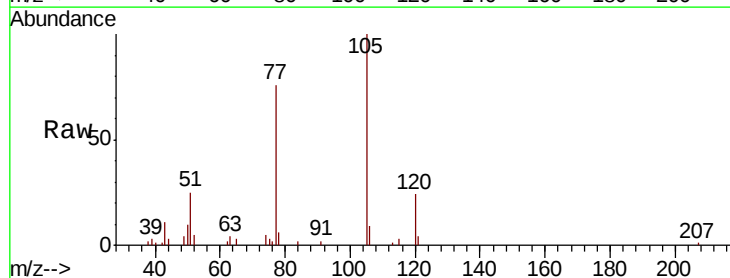
Tgt Ion:105 Resp: 21491

Ion Ratio Lower Upper

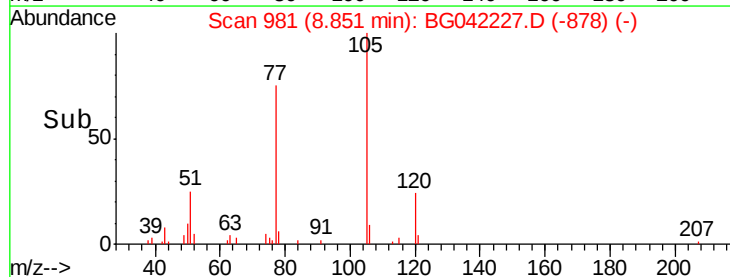
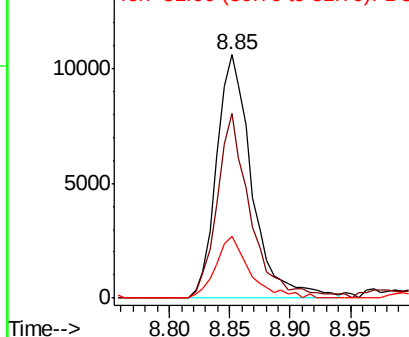
105 100

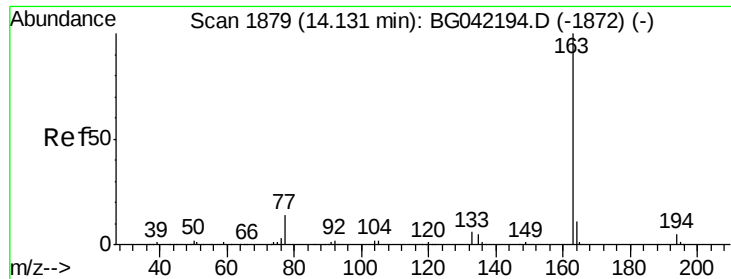
77 76.0 60.0 90.0

51 25.3 22.1 33.1



Abundance Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 51.00 (50.70 to 51.70): BGC





#44

Dimethylphthalate

Concen: 5.739 ng/ul

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG042227.D

Acq: 15 Aug 2019 13:41

Instrument :

BNA_G

ClientSampleId :

C0AF2

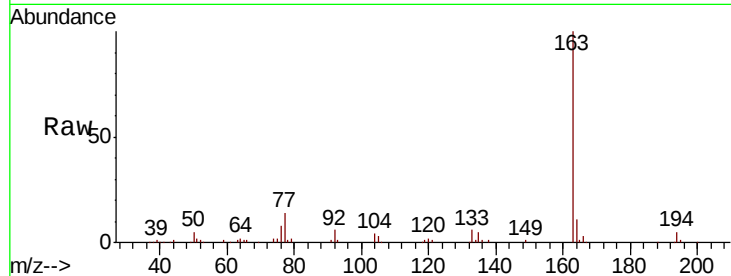
Tot Ion:163 Resp: 89057

Ion Ratio Lower Upper

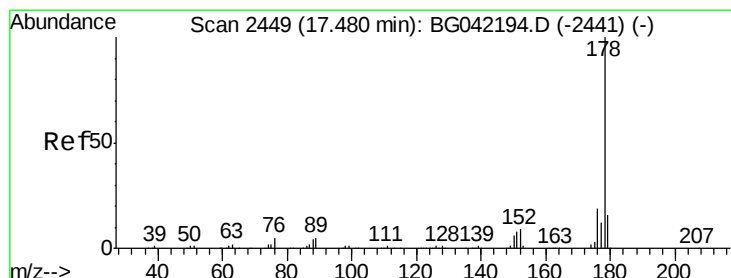
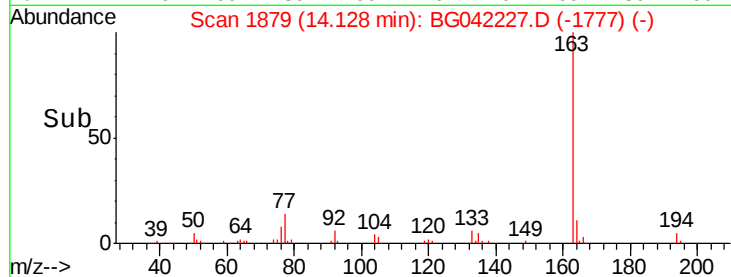
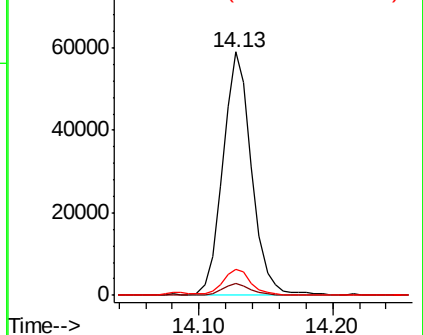
163 100

194 4.9 4.2 6.2

164 10.7 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: 1.606 ng/ul

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG042227.D

Acq: 15 Aug 2019 13:41

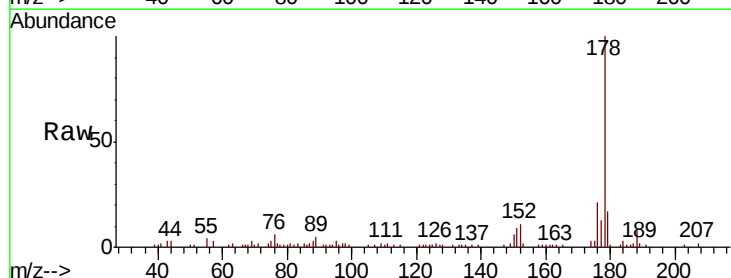
Tgt Ion:178 Resp: 36209

Ion Ratio Lower Upper

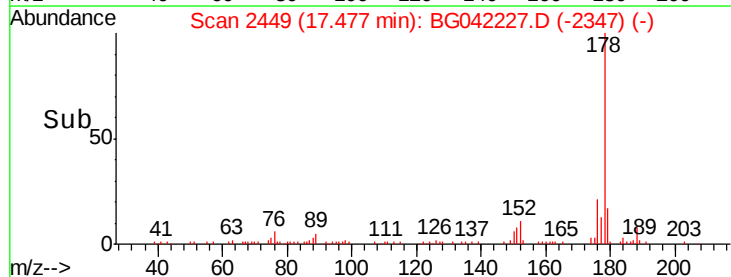
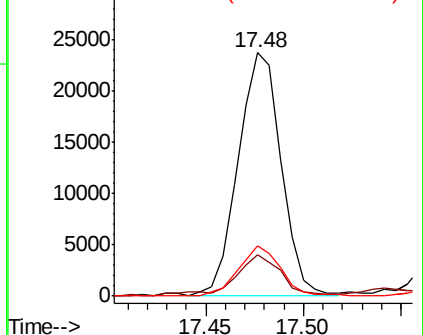
178 100

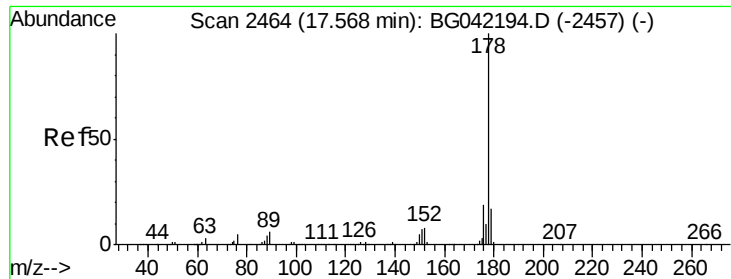
179 16.9 12.8 19.2

176 20.6 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

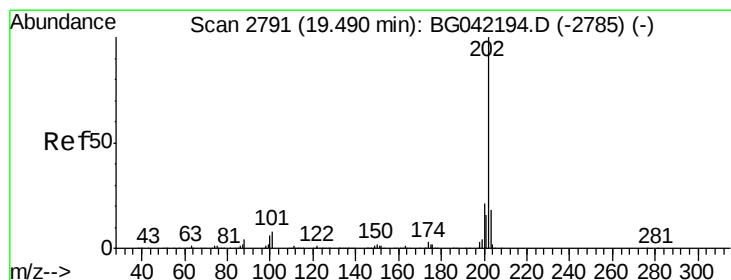
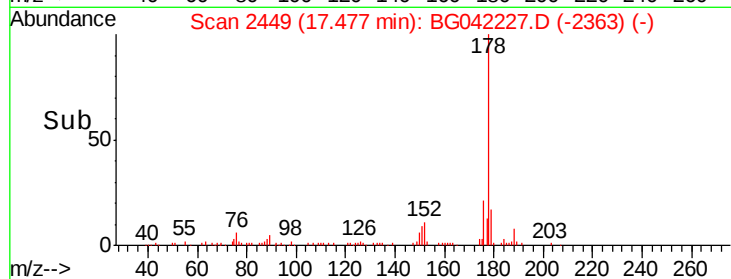
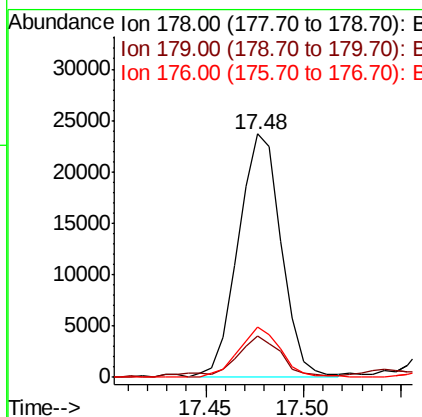
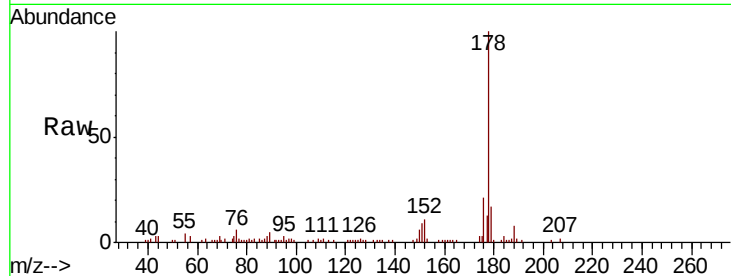




#71
 Anthracene
 Concen: 1.583 ng/ul
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.10 min
 Lab File: BG042227.D
 Acq: 15 Aug 2019 13:41

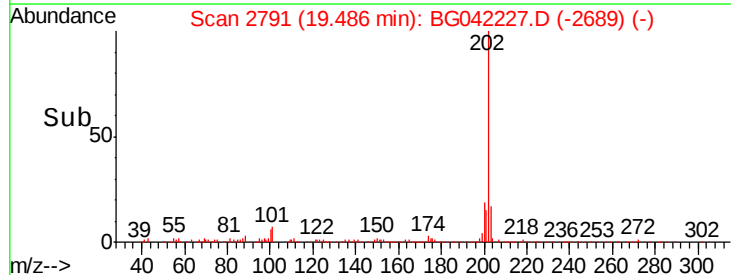
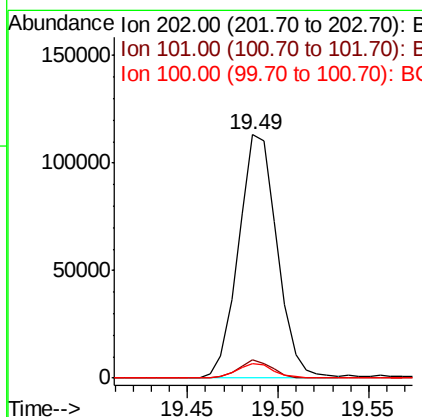
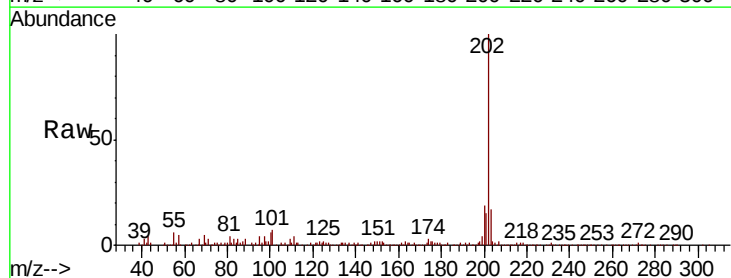
Instrument :
 BNA_G
 ClientSampleId :
 C0AF2

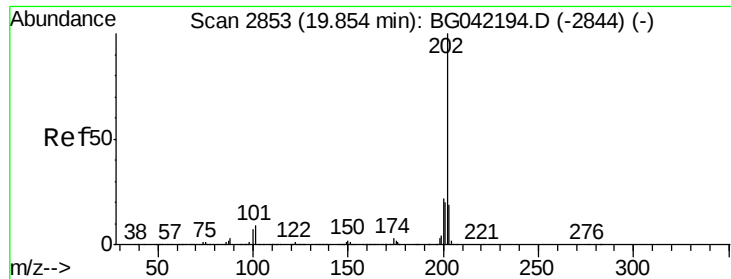
Tot Ion:178 Resp: 36209
 Ion Ratio Lower Upper
 178 100
 179 16.9 13.4 20.0
 176 20.6 15.4 23.2



#76
 Fluoranthene
 Concen: 6.390 ng/ul
 RT: 19.49 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: BG042227.D
 Acq: 15 Aug 2019 13:41

Tgt Ion:202 Resp: 166473
 Ion Ratio Lower Upper
 202 100
 101 7.5 6.7 10.1
 100 5.7 5.3 7.9

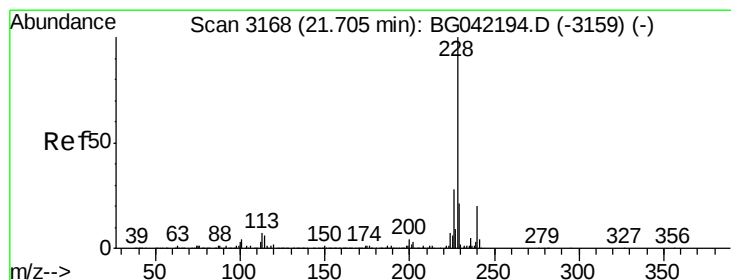
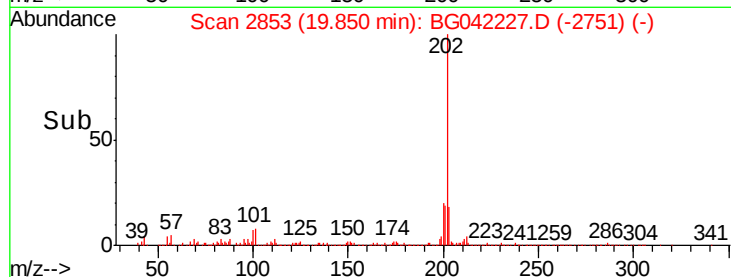
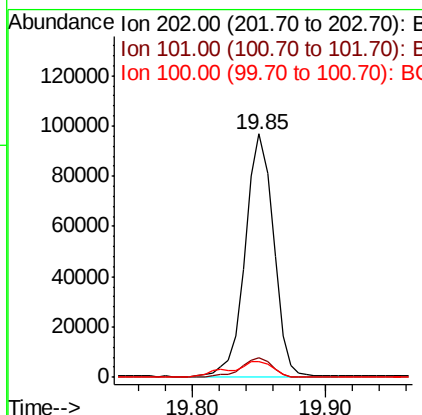
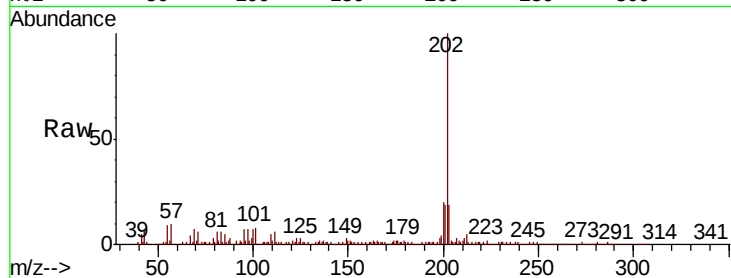




#79
Pvrene
Concen: 5.292 ng/ul
RT: 19.85 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BG042227.D
Acq: 15 Aug 2019 13:41

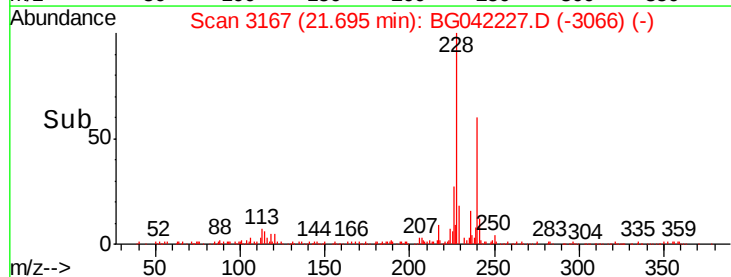
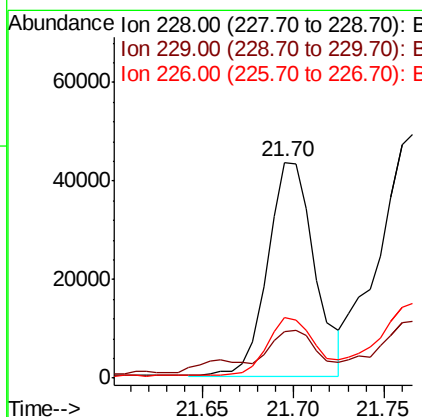
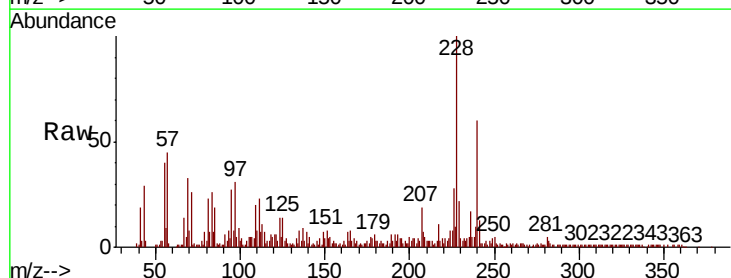
Instrument :
BNA_G
ClientSampleId :
C0AF2

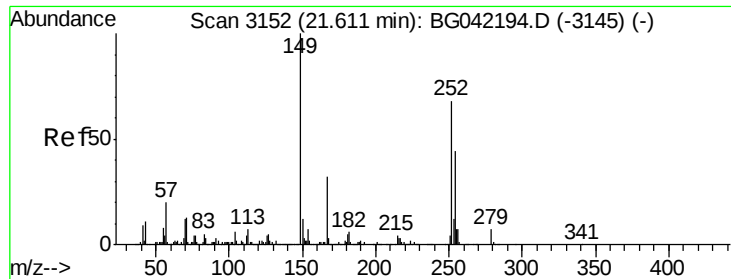
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.3	7.6	11.4
100	6.5	6.5	9.7



#82
Benzo(a)anthracene
Concen: 2.874 ng/ul
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG042227.D
Acq: 15 Aug 2019 13:41

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.7	17.0	25.6
226	28.0	23.3	34.9

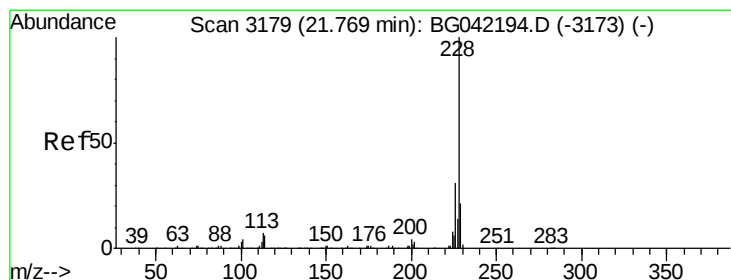
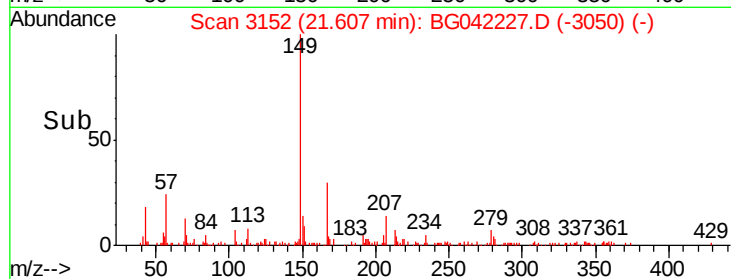
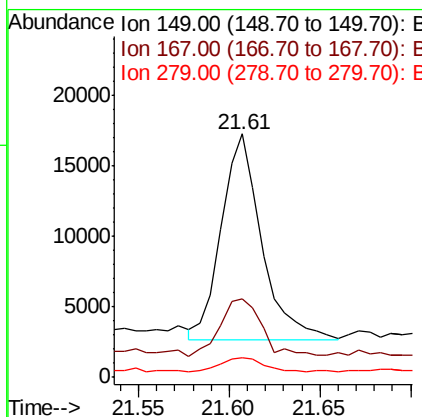
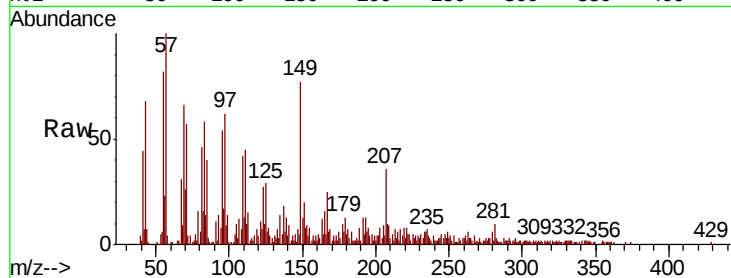




#83
Bis(2-ethylhexyl)phthalate
Concen: 1.558 ng/ul
RT: 21.61 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG042227.D
Acq: 15 Aug 2019 13:41

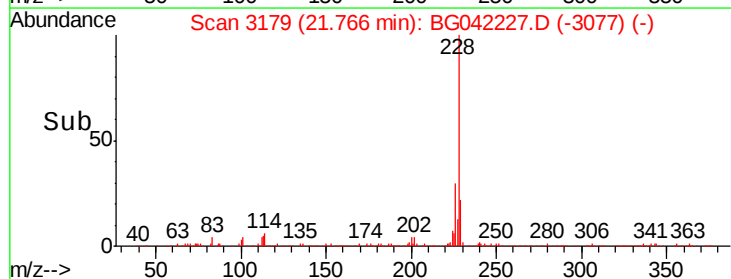
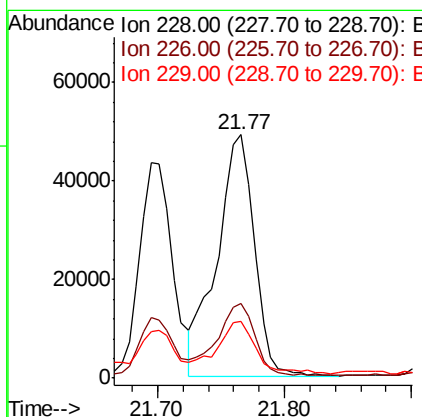
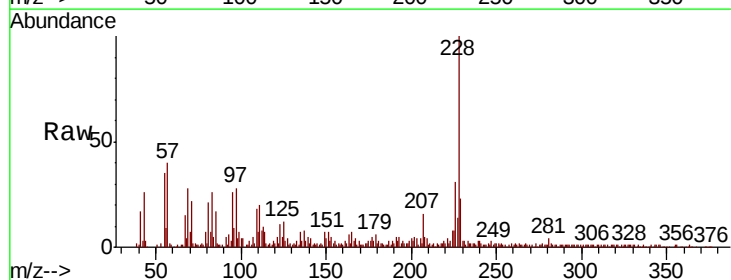
Instrument :
BNA_G
ClientSampleId :
C0AF2

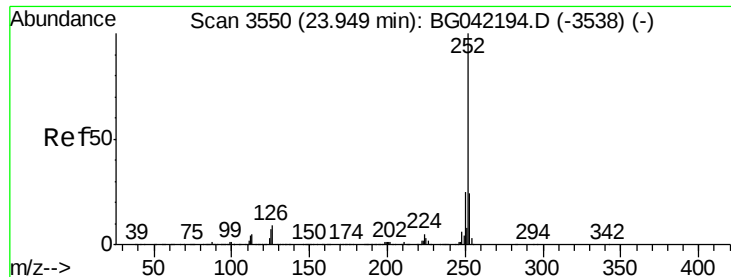
Tot Ion:149 Resp: 22317
Ion Ratio Lower Upper
149 100
167 32.4 25.0 37.4
279 7.8 5.2 7.8



#84
Chrysene
Concen: 3.935 ng/ul
RT: 21.77 min Scan# 3179
Delta R.T. -0.00 min
Lab File: BG042227.D
Acq: 15 Aug 2019 13:41

Tgt Ion:228 Resp: 100974
Ion Ratio Lower Upper
228 100
226 30.6 25.7 38.5
229 23.5 16.6 24.8

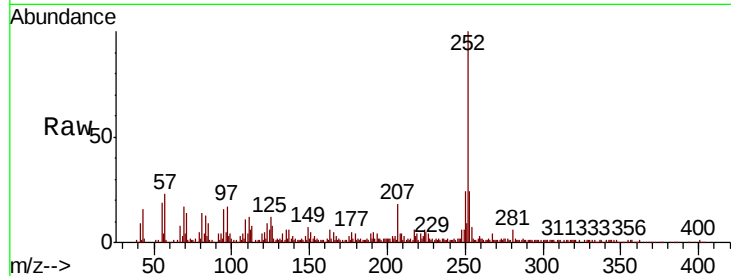




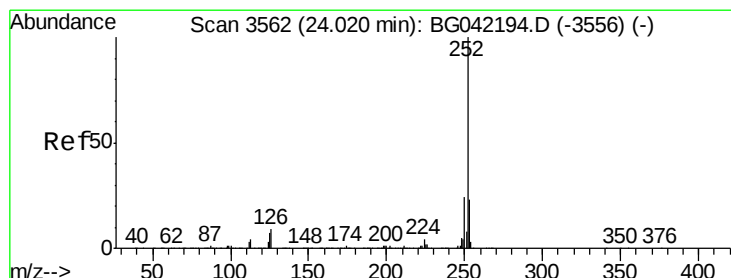
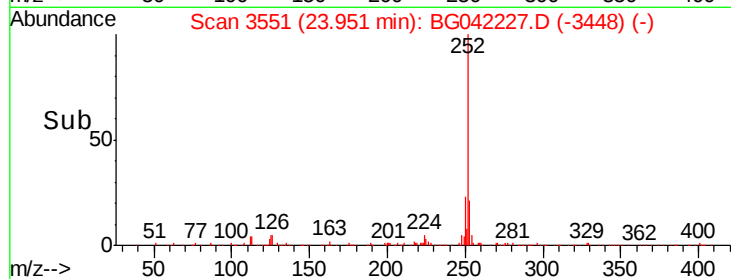
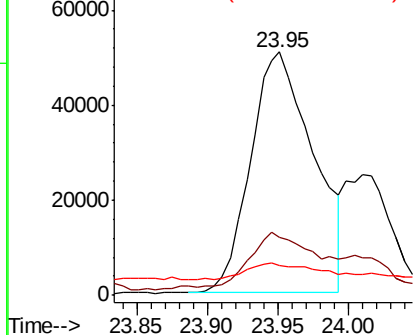
#87
Benzo(b)fluoranthene
Concen: 5.282 ng/ul
RT: 23.95 min Scan# 3551
Delta R.T. 0.00 min
Lab File: BG042227.D
Acq: 15 Aug 2019 13:41

Instrument :
BNA_G
ClientSampleId :
C0AF2

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.4	27.6
125	12.4	5.8	8.8#

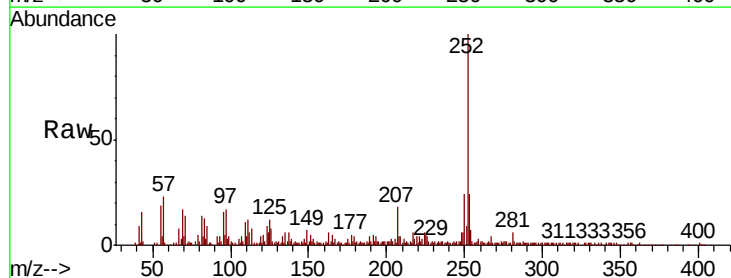


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

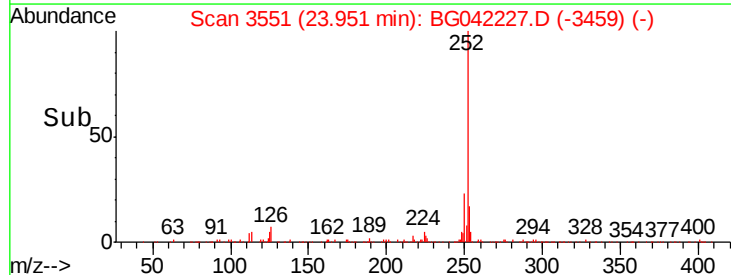
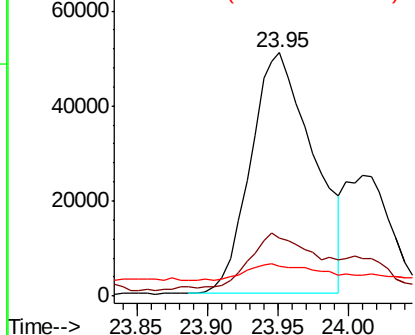


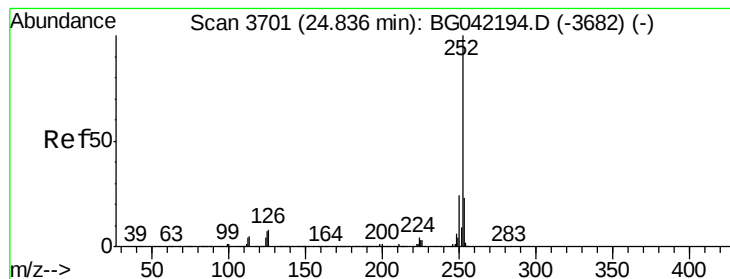
#88
Benzo(k)fluoranthene
Concen: 5.494 ng/ul
RT: 23.95 min Scan# 3551
Delta R.T. -0.06 min
Lab File: BG042227.D
Acq: 15 Aug 2019 13:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.3	27.5
125	12.4	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: 3.449 ng/ul

RT: 24.83 min Scan# 3700

Delta R.T. -0.01 min

Lab File: BG042227.D

Acq: 15 Aug 2019 13:41

Instrument :

BNA_G

ClientSampleId :

C0AF2

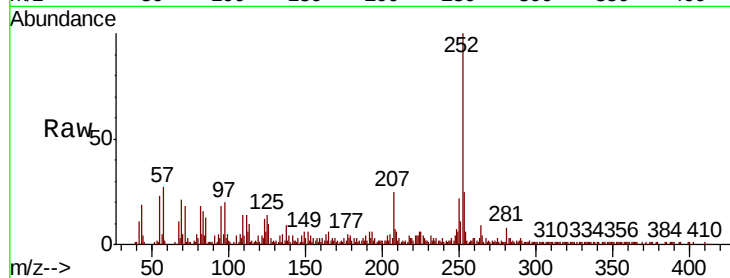
Tot Ion:252 Resp: 98312

Ion Ratio Lower Upper

252 100

253 24.7 18.3 27.5

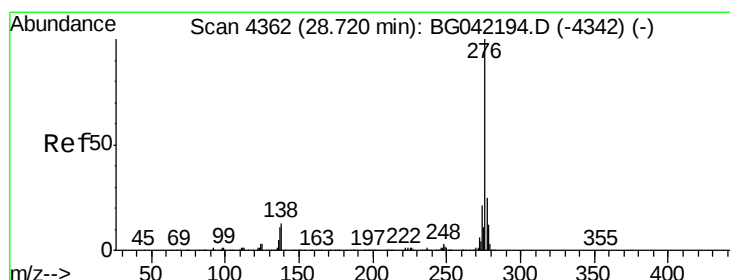
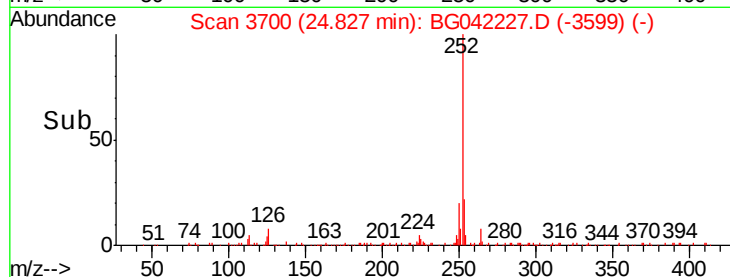
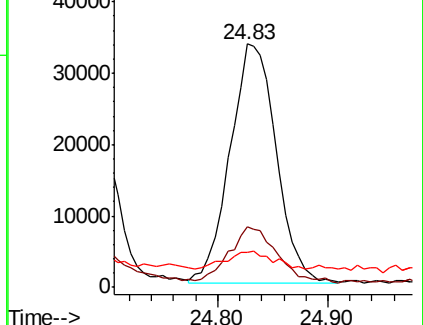
125 14.2 6.5 9.7#



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: 2.205 ng/ul

RT: 28.71 min Scan# 4361

Delta R.T. -0.00 min

Lab File: BG042227.D

Acq: 15 Aug 2019 13:41

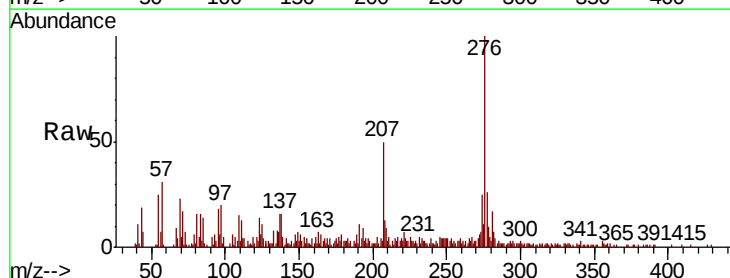
Tgt Ion:276 Resp: 73306

Ion Ratio Lower Upper

276 100

138 15.7 12.0 18.0

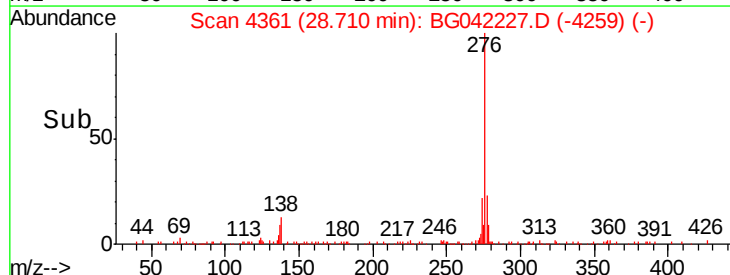
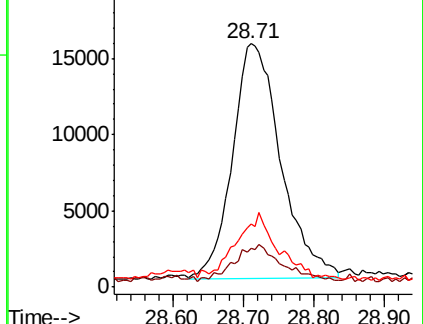
277 25.8 19.2 28.8

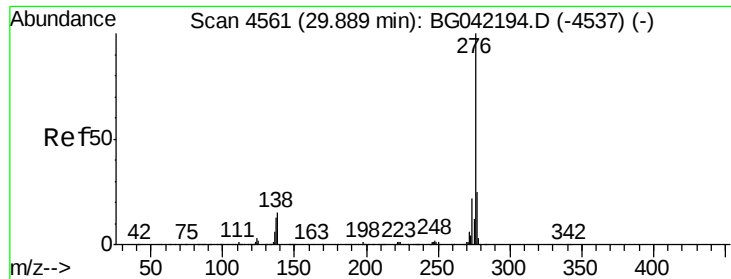


Abundance Ion 276.00 (275.70 to 276.70): E

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: 2.540 ng/ul

RT: 29.89 min Scan# 4561

Delta R.T. 0.01 min

Lab File: BG042227.D

Acq: 15 Aug 2019 13:41

Instrument :

BNA_G

ClientSampleId :

C0AF2

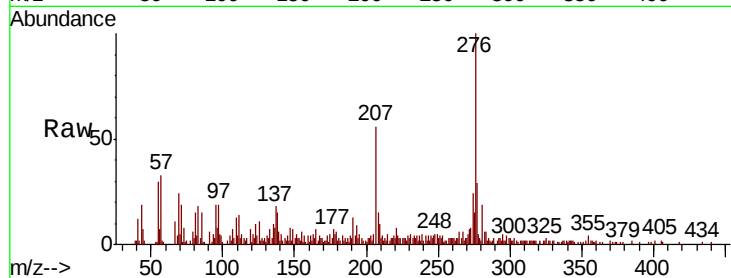
Tot Ion:276 Resp: 70509

Ion Ratio Lower Upper

276 100

138 15.4 12.6 18.8

277 29.3 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

