

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
 Data File : BG042151.D
 Acq On : 12 Aug 2019 18:22
 Operator : HP/JU
 Sample : K4028-03DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEP69DL

Quant Time: Aug 13 12:01:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 13 04:44:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	81364	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	338604	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	236672	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	490181	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	478834	20.00	ng/ul	0.00
85) Perylene-d12	24.98	264	538541	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	626	0.34	ng/uL	0.00
5) Phenol-d5	7.18	99	15394	2.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	8344	2.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	15100	2.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	11591	2.16	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	7551	2.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	8050	2.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	14006	2.34	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	13196	1.99	ng/ul	0.02
43) Dimethylphthalate-d6	14.09	166	55825	3.04	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	69526	3.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.93	143	1797	0.58	ng/ul	0.04
57) Fluorene-d10	15.68	176	54597	3.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.81	200	3033	0.96	ng/ul	0.00
70) Anthracene-d10	17.54	188	90283	3.84	ng/ul	0.00
78) Pyrene-d10	19.82	212	104431	3.91	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	109632	3.90	ng/ul	0.00

Target Compounds

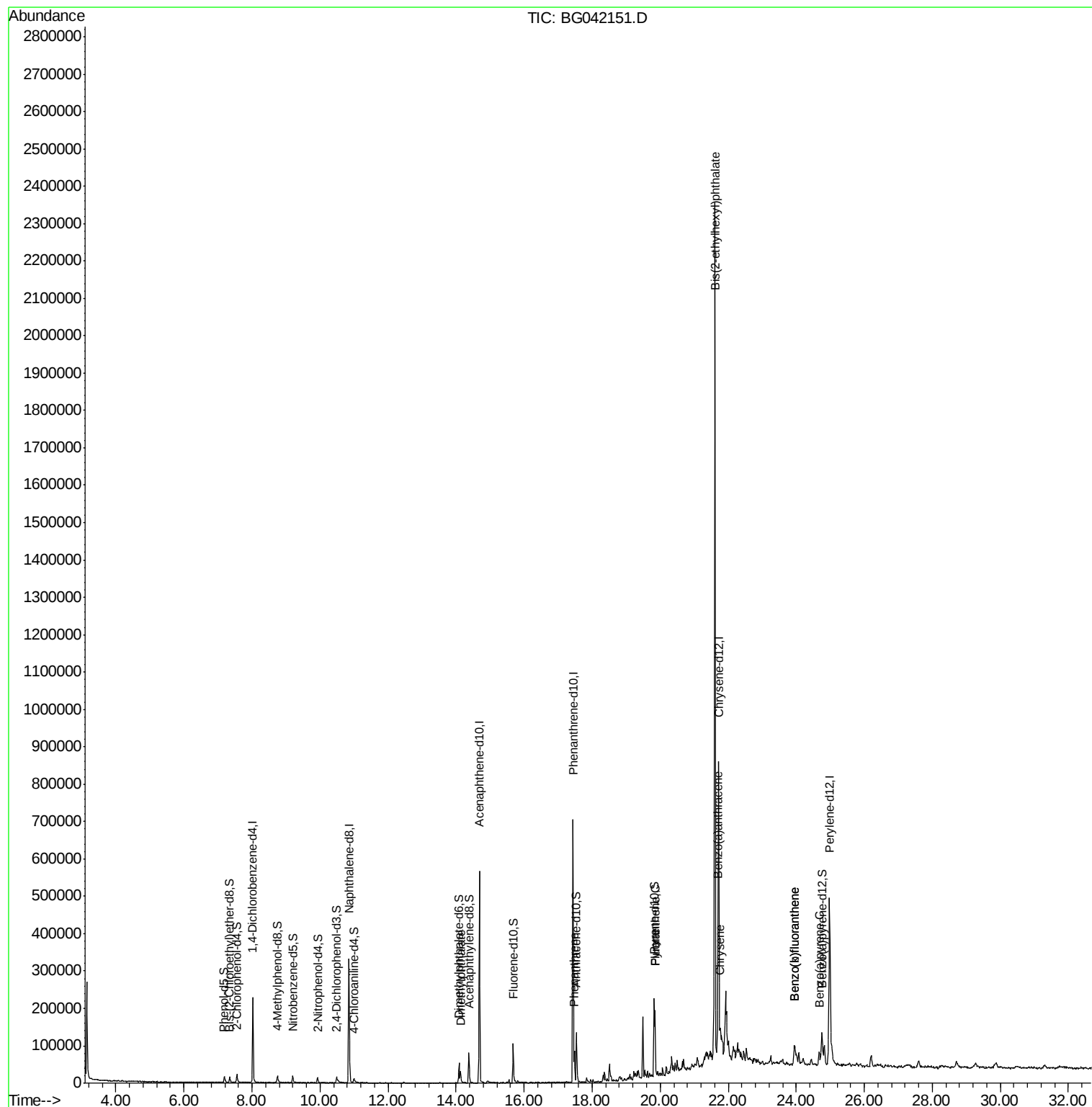
					Qvalue
44) Dimethylphthalate	14.13	163	29728	1.631 ng/ul	97
69) Phenanthrene	17.48	178	53306	1.986 ng/ul	98
76) Fluoranthene	19.85	202	123460	3.982 ng/ul	99
79) Pyrene	19.85	202	123460	3.833 ng/ul	98
82) Benzo(a)anthracene	21.70	228	75702	2.280 ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.61	149	1139916	65.899 ng/ul	96
84) Chrysene	21.76	228	76915	2.482 ng/ul	97
87) Benzo(b)fluoranthene	23.95	252	72320	2.140 ng/ul	99
88) Benzo(k)fluoranthene	23.95	252	72320	2.226 ng/ul	99
90) Benzo(a)pyrene	24.68	252	41267	1.281 ng/ul	99

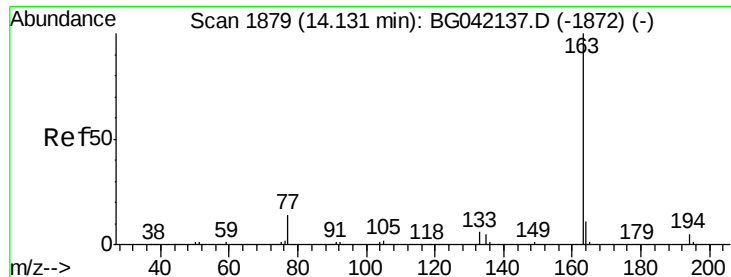
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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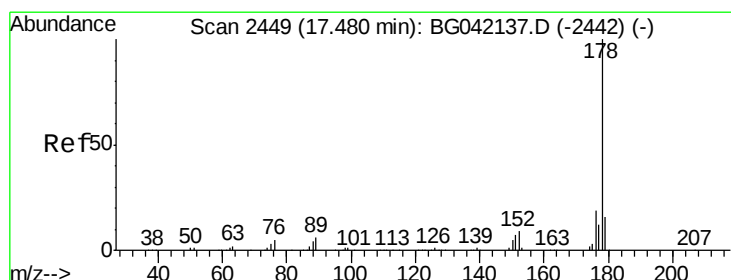
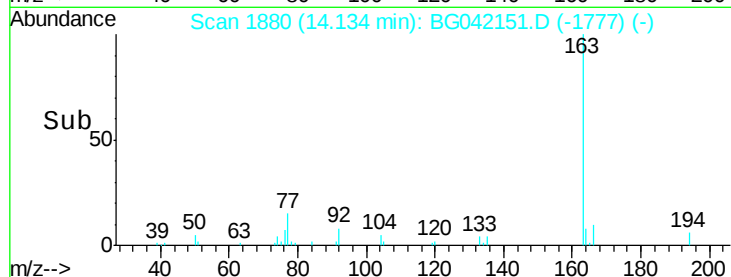
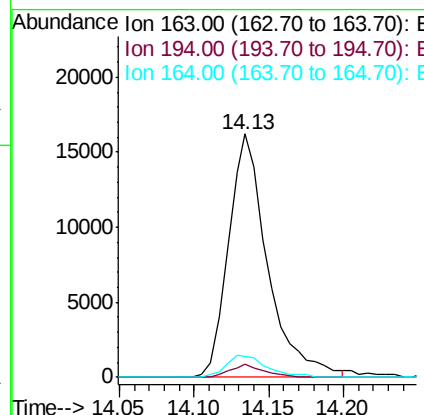
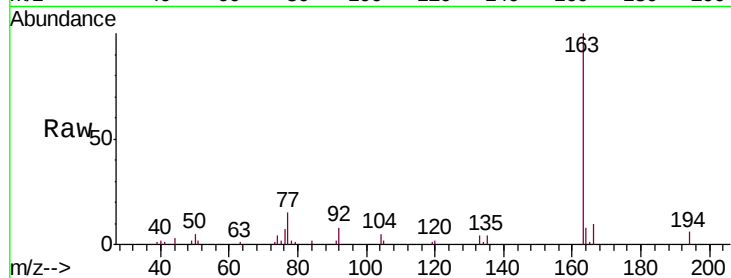




#44
Dimethylphthalate
Concen: 1.631 ng/ul
RT: 14.13 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BG042151.D
Acq: 12 Aug 2019 18:22

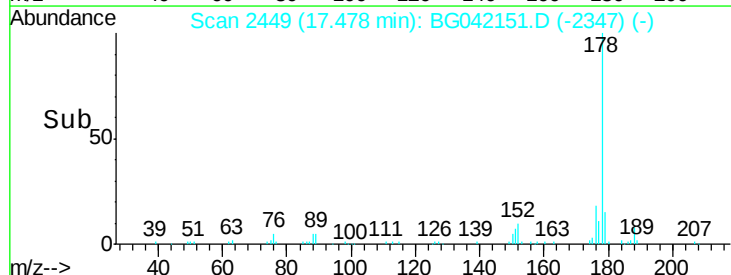
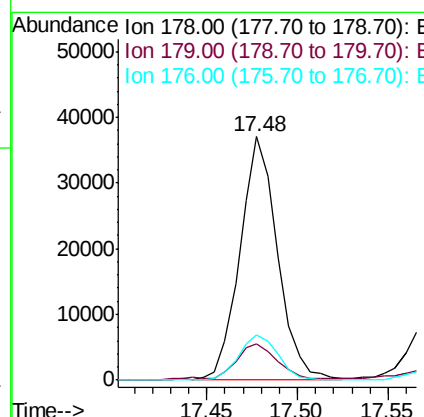
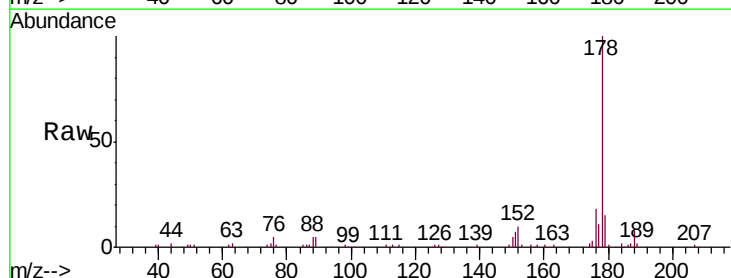
Instrument :
BNA_G
ClientSampleId :
BEP69DL

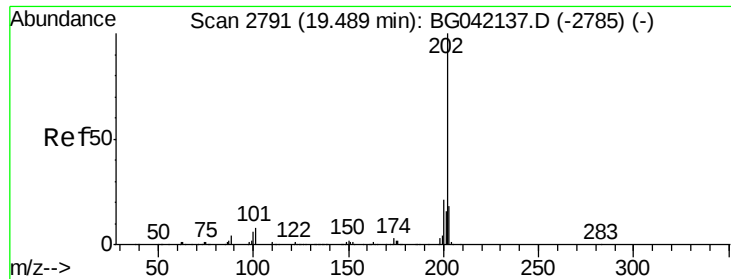
Tgt Ion:163 Resp: 29728
Ion Ratio Lower Upper
163 100
194 5.7 4.2 6.2
164 8.4 7.8 11.8



#69
Phenanthrene
Concen: 1.986 ng/ul
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG042151.D
Acq: 12 Aug 2019 18:22

Tgt Ion:178 Resp: 53306
Ion Ratio Lower Upper
178 100
179 14.9 12.8 19.2
176 18.3 15.4 23.2





#76

Fluoranthene

Concen: 3.982 ng/ul

RT: 19.85 min Scan# 2853

Delta R.T. 0.36 min

Lab File: BG042151.D

Acq: 12 Aug 2019 18:22

Instrument :

BNA_G

ClientSampleId :

BEP69DL

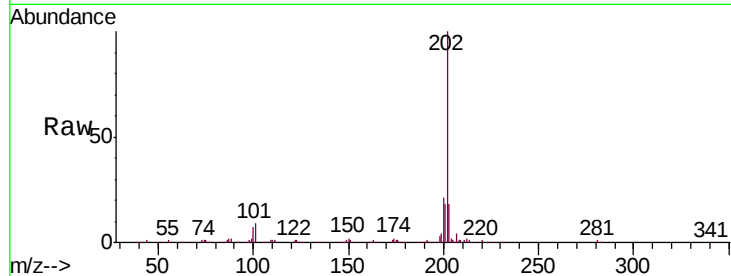
Tgt Ion:202 Resp: 123460

Ion Ratio Lower Upper

202 100

101 8.7 6.7 10.1

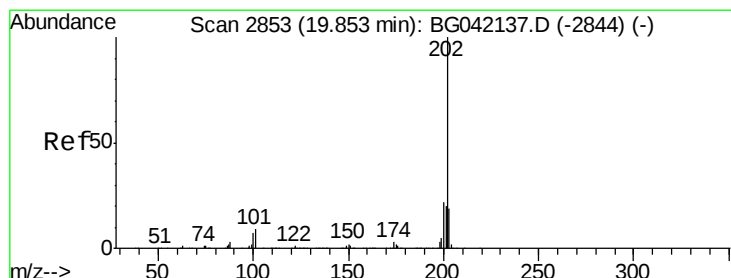
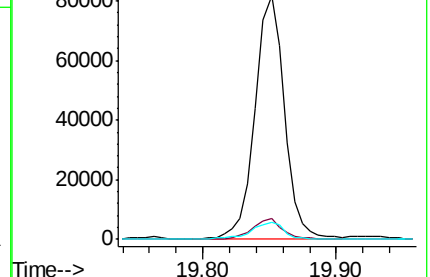
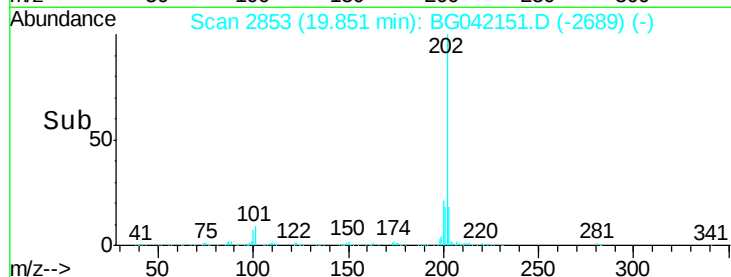
100 7.2 5.3 7.9



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

Pyrene

Concen: 3.833 ng/ul

RT: 19.85 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG042151.D

Acq: 12 Aug 2019 18:22

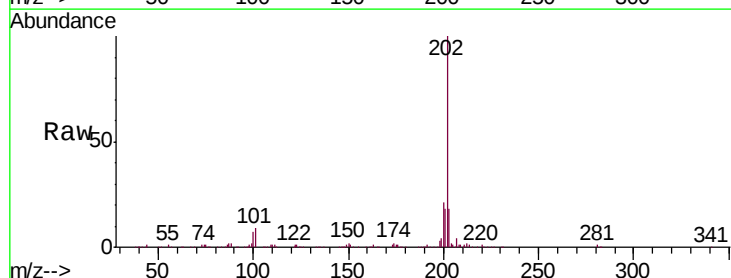
Tgt Ion:202 Resp: 123460

Ion Ratio Lower Upper

202 100

101 8.7 7.6 11.4

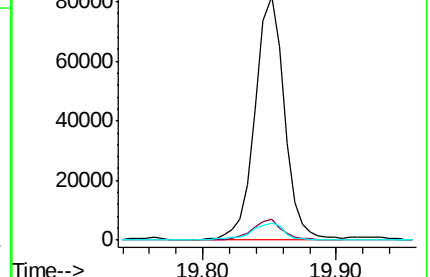
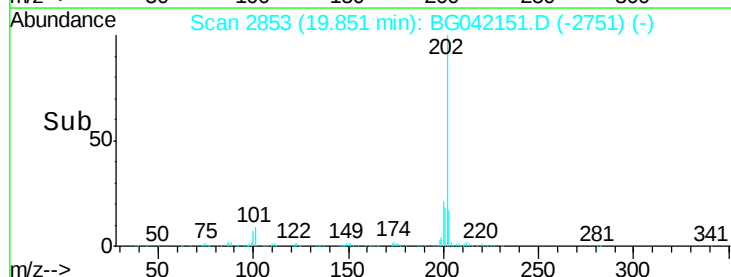
100 7.2 6.5 9.7

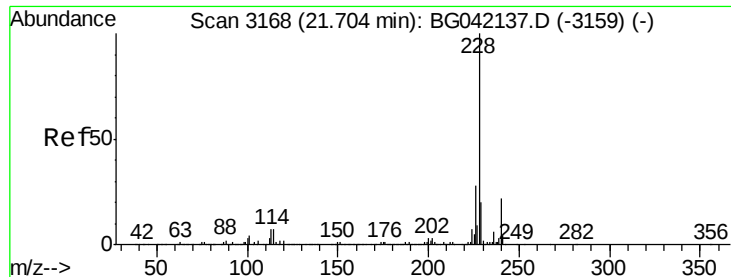


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 2.280 ng/ul

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG042151.D

Acq: 12 Aug 2019 18:22

Instrument :

BNA_G

ClientSampleId :

BEP69DL

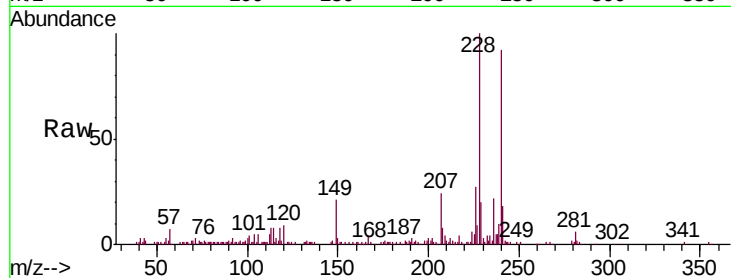
Tgt Ion:228 Resp: 75702

Ion Ratio Lower Upper

228 100

229 20.3 17.0 25.6

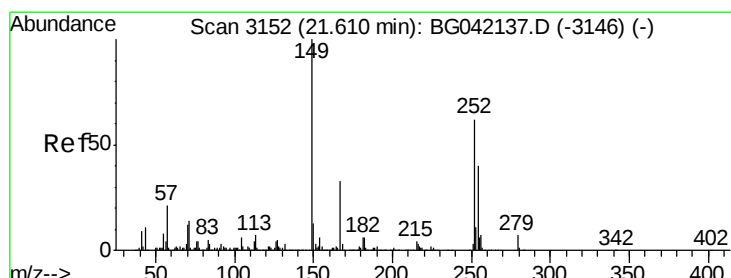
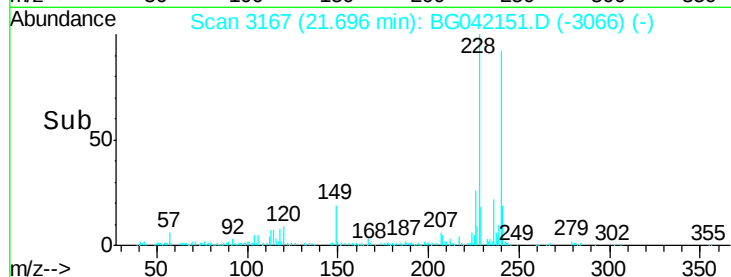
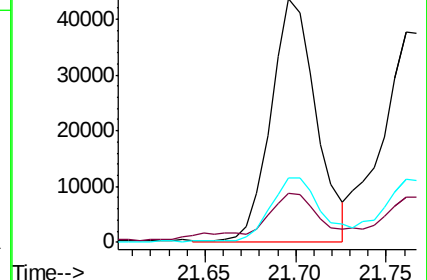
226 26.7 23.3 34.9



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: 65.899 ng/ul

RT: 21.61 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG042151.D

Acq: 12 Aug 2019 18:22

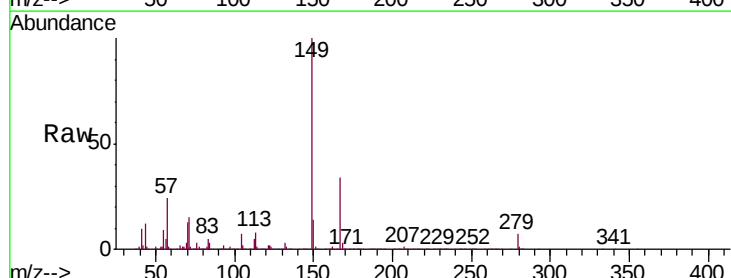
Tgt Ion:149 Resp: 1139916

Ion Ratio Lower Upper

149 100

167 33.9 25.0 37.4

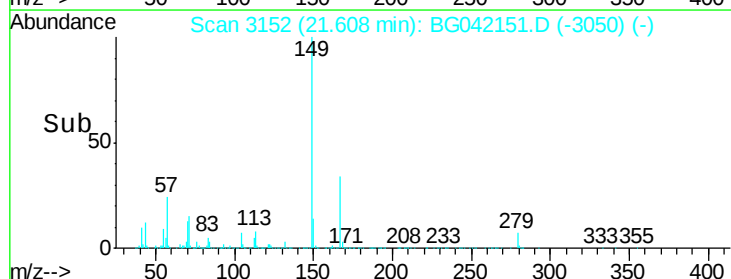
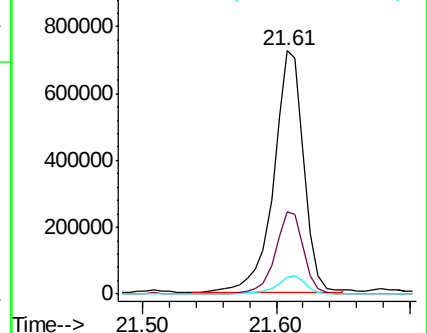
279 7.1 5.2 7.8

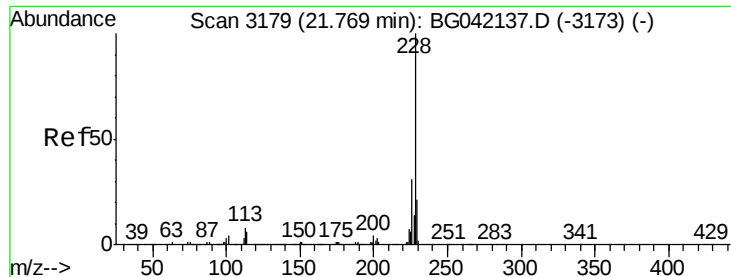


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 2.482 ng/ul

RT: 21.76 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BG042151.D

Acq: 12 Aug 2019 18:22

Instrument :

BNA_G

ClientSampled :

BEP69DL

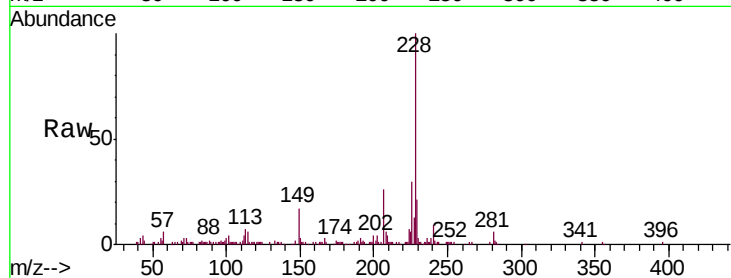
Tgt Ion:228 Resp: 76915

Ion Ratio Lower Upper

228 100

226 30.1 25.7 38.5

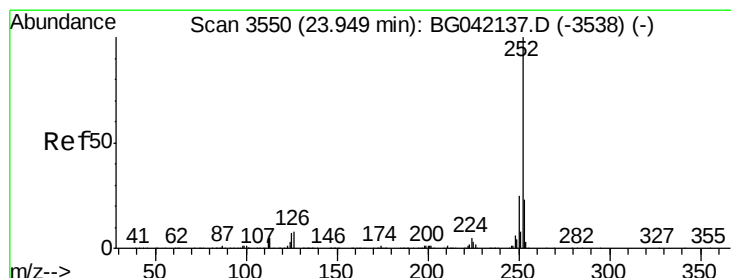
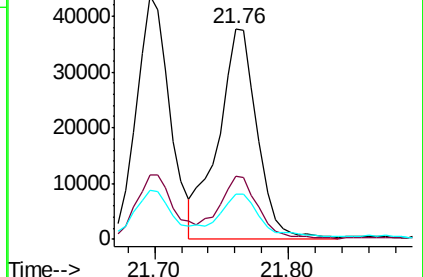
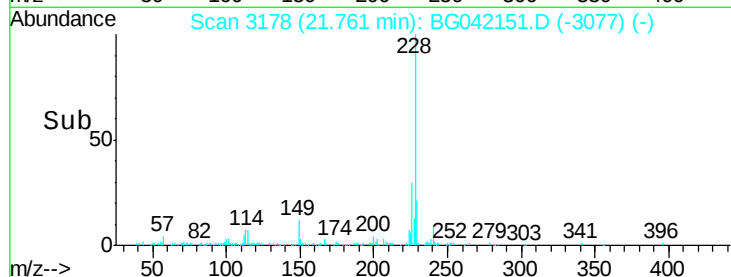
229 21.3 16.6 24.8



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: 2.140 ng/ul

RT: 23.95 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BG042151.D

Acq: 12 Aug 2019 18:22

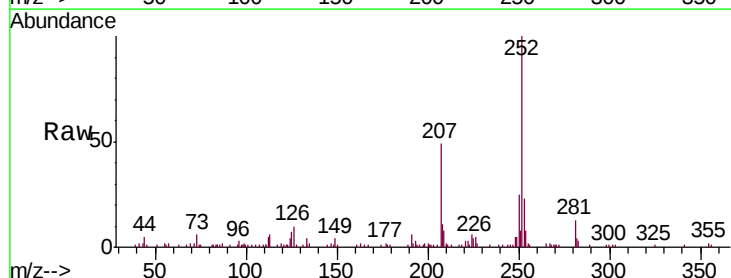
Tgt Ion:252 Resp: 72320

Ion Ratio Lower Upper

252 100

253 23.5 18.4 27.6

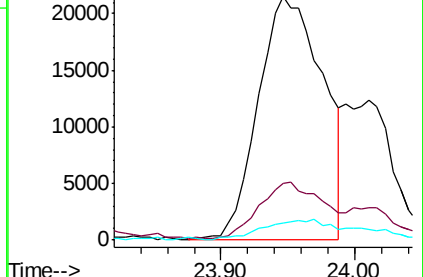
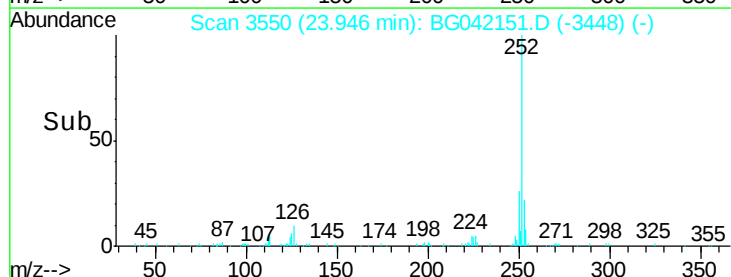
125 6.9 5.8 8.8

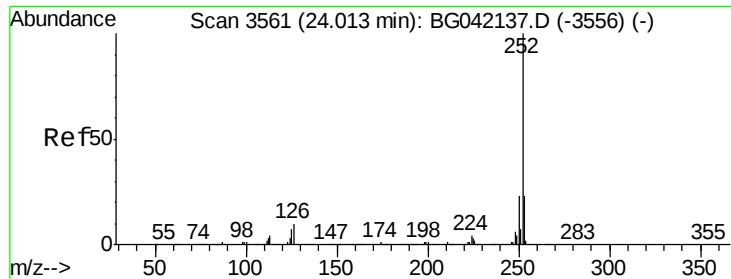


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

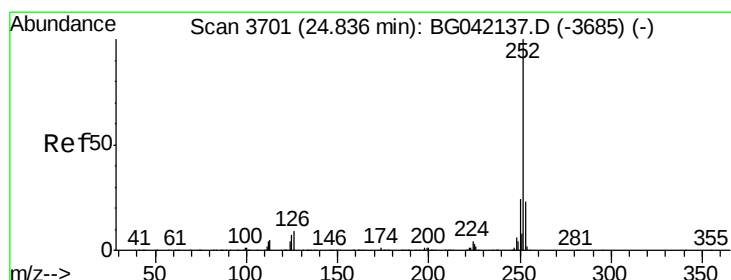
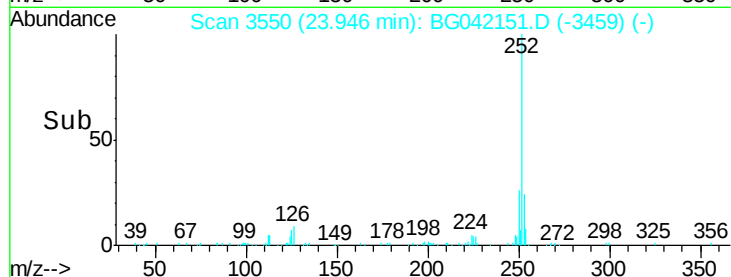
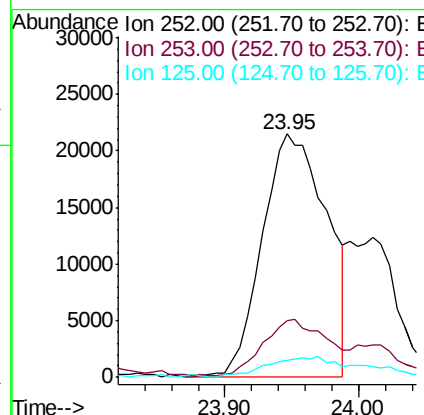
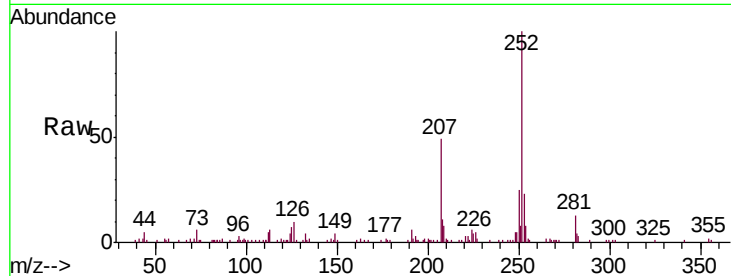




#88
Benzo(k)fluoranthene
Concen: 2.226 ng/ul
RT: 23.95 min Scan# 3550
Delta R.T. -0.07 min
Lab File: BG042151.D
Acq: 12 Aug 2019 18:22

Instrument :
BNA_G
ClientSampleId :
BEP69DL

Tgt Ion:252 Resp: 72320
Ion Ratio Lower Upper
252 100
253 23.5 18.3 27.5
125 6.9 5.5 8.3



#90
Benzo(a)pyrene
Concen: 1.281 ng/ul
RT: 24.68 min Scan# 3675
Delta R.T. -0.15 min
Lab File: BG042151.D
Acq: 12 Aug 2019 18:22

Tgt Ion:252 Resp: 41267
Ion Ratio Lower Upper
252 100
253 23.3 18.3 27.5
125 7.4 6.5 9.7

