

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100220\
 Data File : BG046764.D
 Acq On : 3 Oct 2020 9:48
 Operator : CG/JU
 Sample : L4150-14
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7K0

Quant Time: Oct 05 00:07:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 10:06:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	77501	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	308484	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	228849	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	535906	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	523399	20.00	ng/ul	0.00
86) Perylene-d12	25.03	264	527829	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	5620	3.56	ng/uL	0.00
5) Phenol-d5	7.26	99	107203	16.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	65766	16.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	80835	16.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	88670	17.09	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	43687	18.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	50444	21.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.54	165	94677	17.15	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	95809	14.60	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	323892	18.52	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	369557	17.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	51874	17.40	ng/ul	0.00
58) Fluorene-d10	15.72	176	287969	17.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	43907	16.40	ng/ul	0.00
71) Anthracene-d10	17.57	188	411631	16.74	ng/ul	0.00
79) Pyrene-d10	19.85	212	501900	18.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	482572	16.96	ng/ul	0.00

Target Compounds

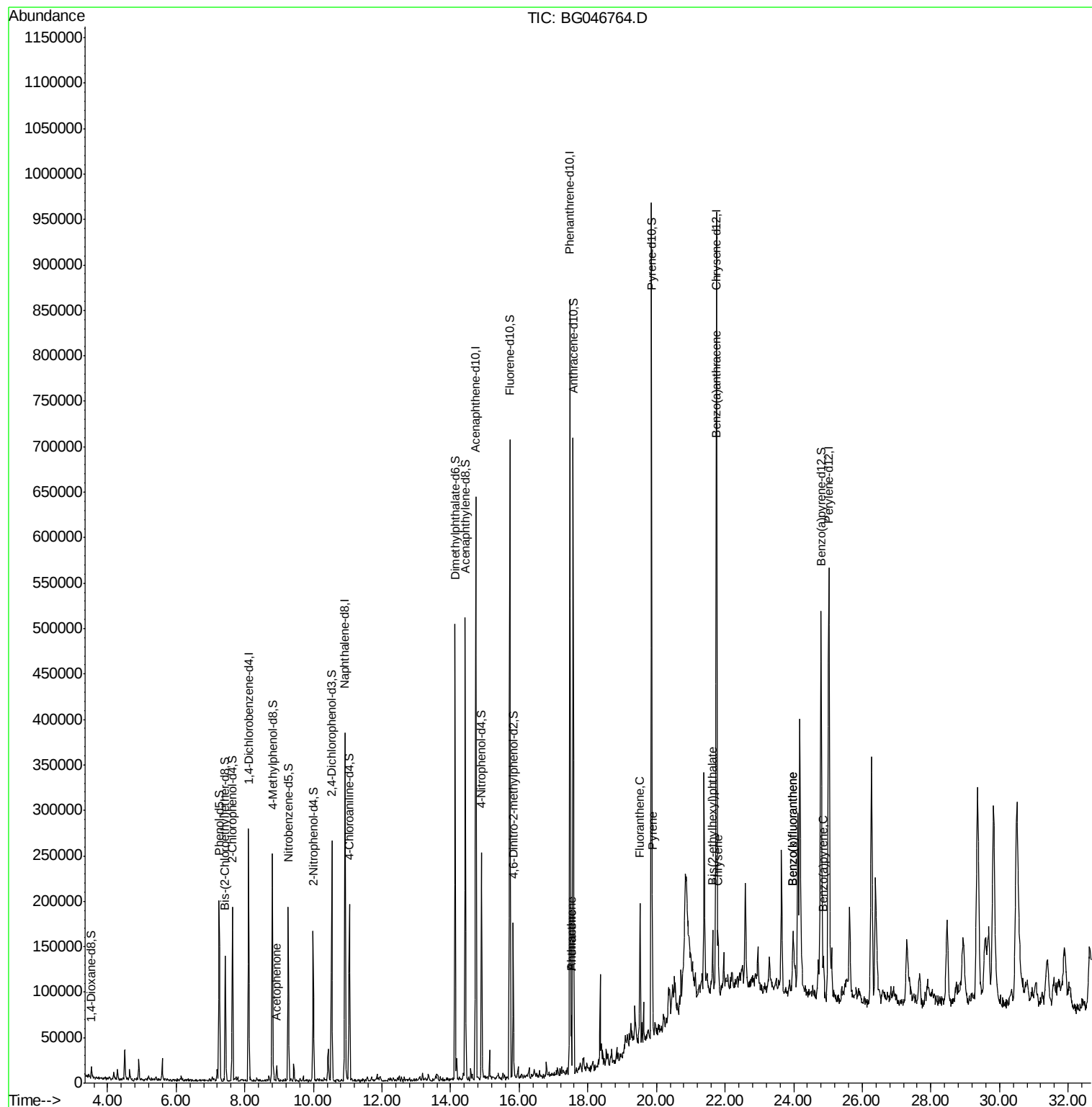
				Ovalue	
14) Acetophenone	8.93	105	8455	1.005 ng/ul#	81
70) Phenanthrene	17.52	178	35969	1.228 ng/ul	95
72) Anthracene	17.52	178	35969	1.212 ng/ul	95
77) Fluoranthene	19.52	202	88211	2.536 ng/ul	97
80) Pyrene	19.88	202	82425	2.450 ng/ul	98
83) Benzo(a)anthracene	21.73	228	51768	1.512 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.64	149	26160	1.500 ng/ul#	96
85) Chrysene	21.80	228	52934	1.593 ng/ul	95
88) Benzo(b)fluoranthene	23.98	252	49353	1.417 ng/ul	95
89) Benzo(k)fluoranthene	23.98	252	49353	1.454 ng/ul	96
91) Benzo(a)pyrene	24.87	252	49871	1.568 ng/ul#	88

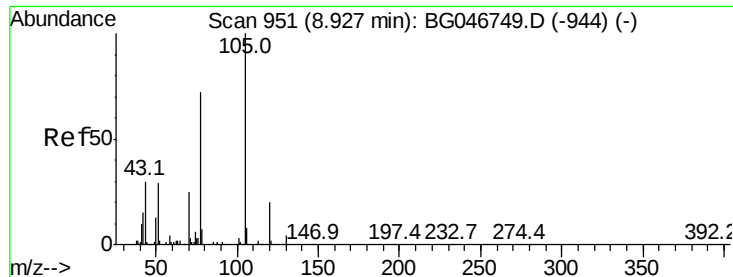
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 10:06:22 2020
Response via : Initial Calibration





#14

Acetophenone

Concen: 1.005 ng/ul

RT: 8.93 min Scan# 952

Delta R.T. 0.00 min

Lab File: BG046764.D

Acq: 3 Oct 2020 9:48

Instrument :

BNA_G

ClientSampleId :

CB7K0

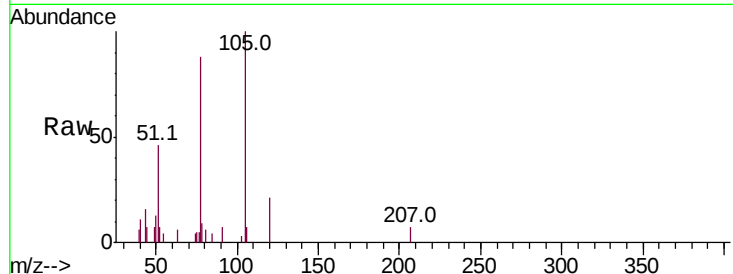
Tot Ion:105 Resp: 8455

Ion Ratio Lower Upper

105 100

77 87.5 60.4 90.6

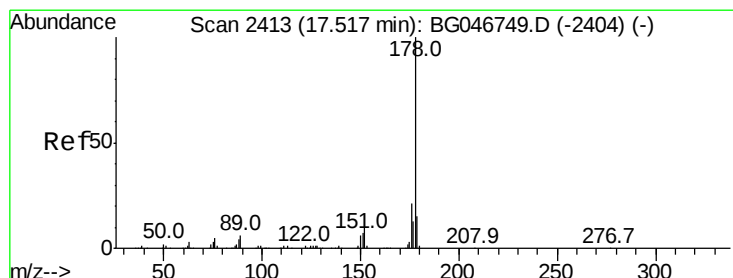
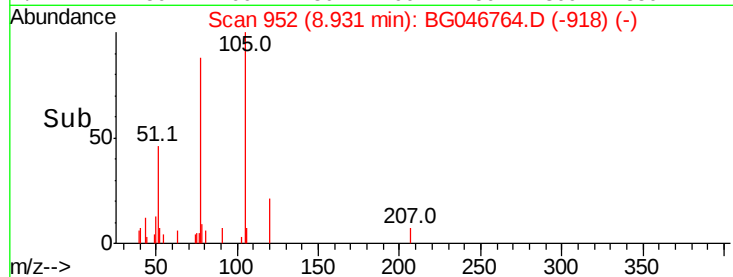
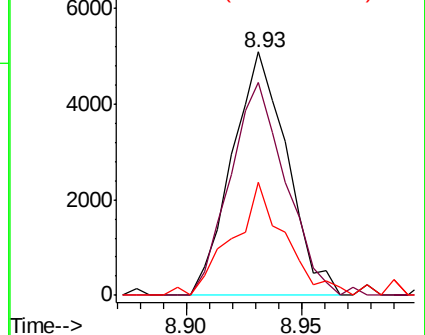
51 46.2 24.1 36.1#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG0

Ion 51.00 (50.70 to 51.70): BG0



#70

Phenanthrene

Concen: 1.228 ng/ul

RT: 17.52 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG046764.D

Acq: 3 Oct 2020 9:48

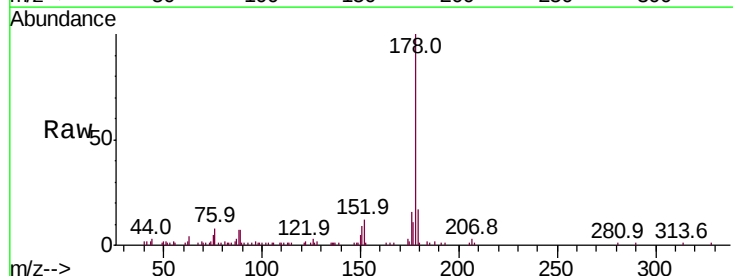
Tgt Ion:178 Resp: 35969

Ion Ratio Lower Upper

178 100

179 16.6 12.6 18.8

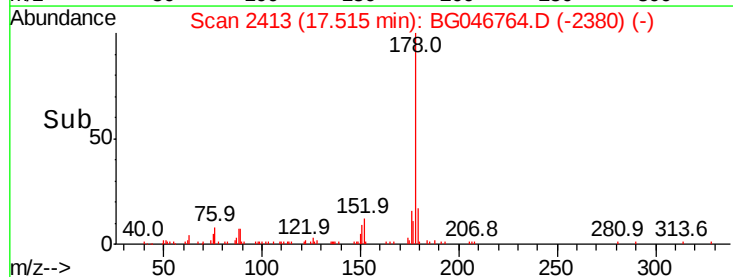
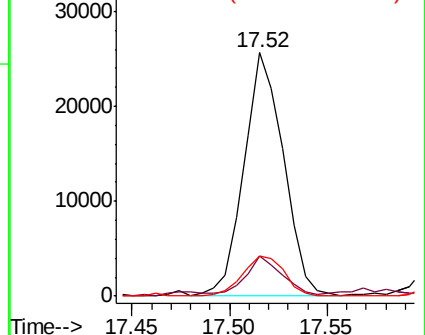
176 16.2 15.4 23.2

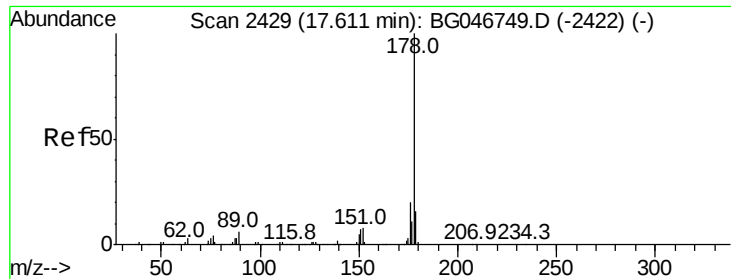


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.212 ng/ul

RT: 17.52 min Scan# 2413

Delta R.T. -0.10 min

Lab File: BG046764.D

Acq: 3 Oct 2020 9:48

Instrument :

BNA_G

ClientSampleId :

CB7K0

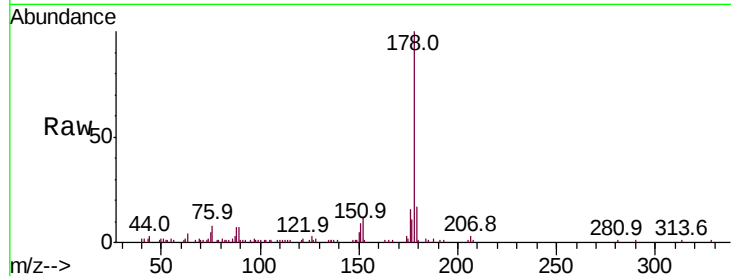
Tot Ion:178 Resp: 35969

Ion Ratio Lower Upper

178 100

179 16.6 11.9 17.9

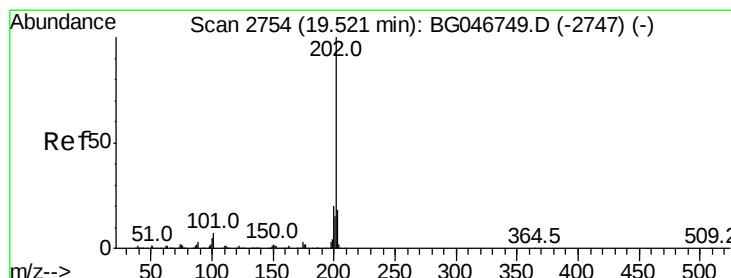
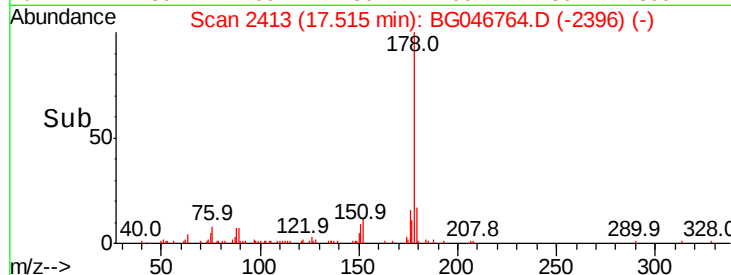
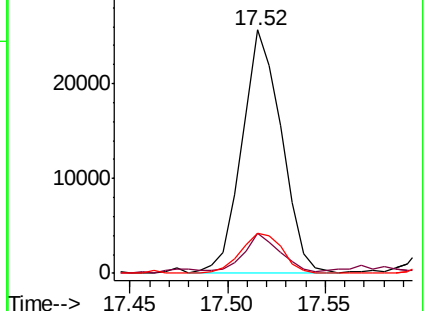
176 16.2 15.2 22.8



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



#77

Fluoranthene

Concen: 2.536 ng/ul

RT: 19.52 min Scan# 2754

Delta R.T. -0.01 min

Lab File: BG046764.D

Acq: 3 Oct 2020 9:48

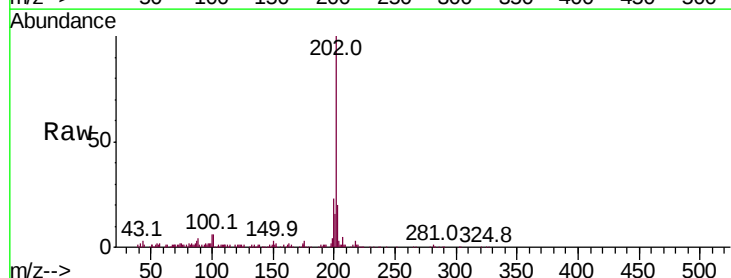
Tgt Ion:202 Resp: 88211

Ion Ratio Lower Upper

202 100

101 6.1 5.8 8.6

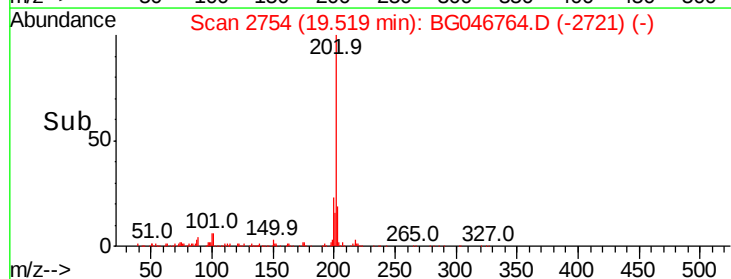
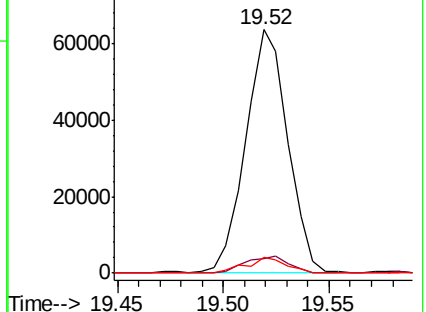
100 6.3 4.5 6.7

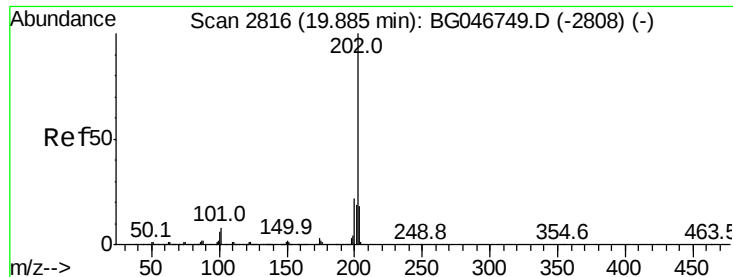


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#80

Pvrene

Concen: 2.450 ng/ul

RT: 19.88 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BG046764.D

Acq: 3 Oct 2020 9:48

Instrument :

BNA_G

ClientSampleId :

CB7K0

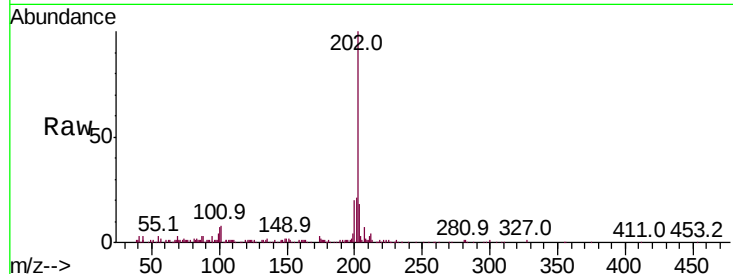
Tot Ion:202 Resp: 82425

Ion Ratio Lower Upper

202 100

101 7.7 7.0 10.4

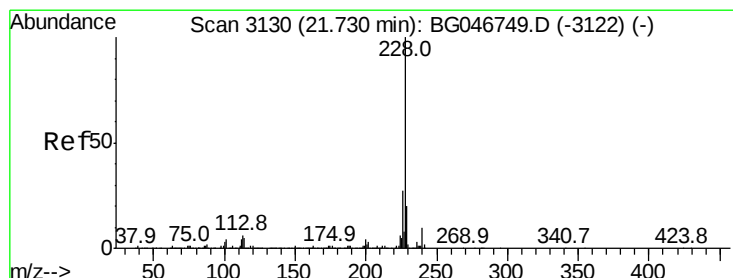
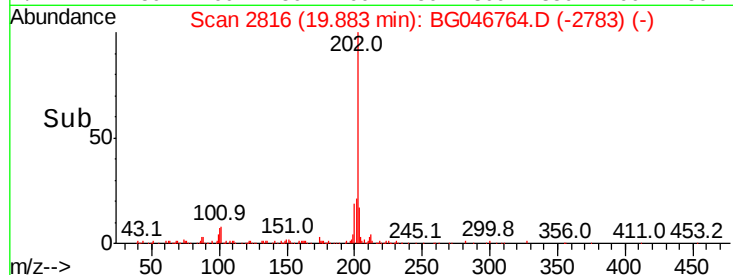
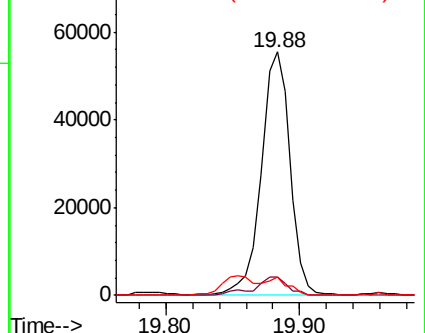
100 7.3 6.0 9.0



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



#83

Benzo(a)anthracene

Concen: 1.512 ng/ul

RT: 21.73 min Scan# 3131

Delta R.T. 0.00 min

Lab File: BG046764.D

Acq: 3 Oct 2020 9:48

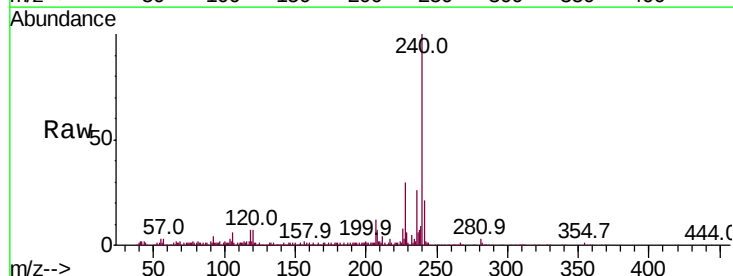
Tgt Ion:228 Resp: 51768

Ion Ratio Lower Upper

228 100

229 19.1 16.5 24.7

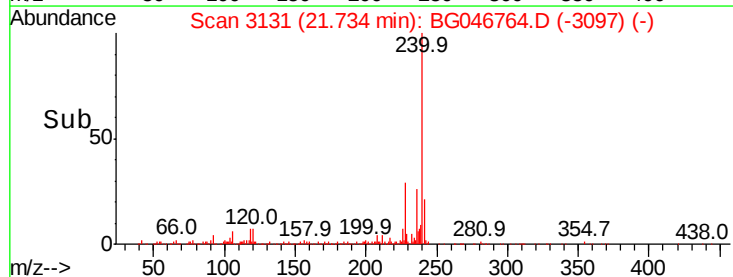
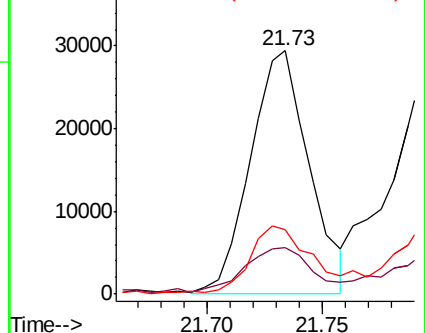
226 26.3 21.6 32.4

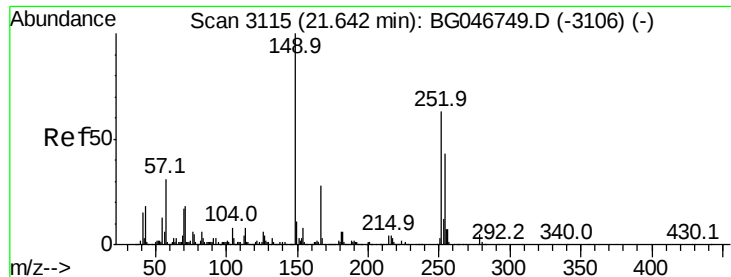


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.500 ng/ul

RT: 21.64 min Scan# 3115

Delta R.T. -0.01 min

Lab File: BG046764.D

Acq: 3 Oct 2020 9:48

Instrument :

BNA_G

ClientSampled :

CB7K0

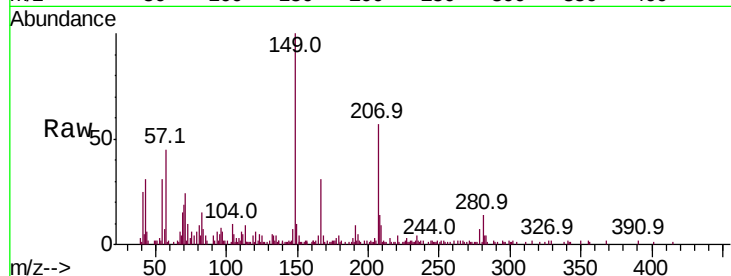
Tot Ion:149 Resp: 26160

Ion Ratio Lower Upper

149 100

167 30.5 22.7 34.1

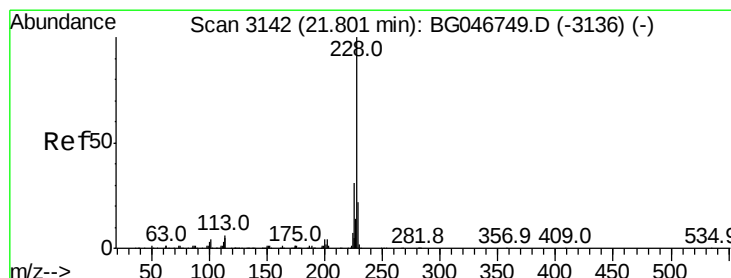
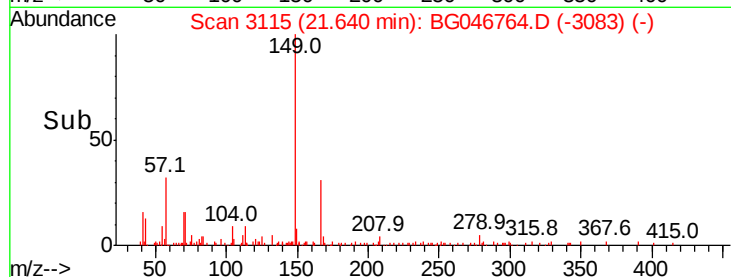
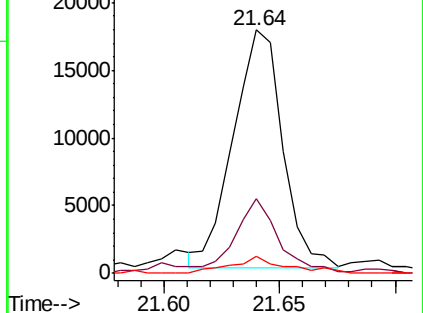
279 7.0 4.2 6.2#



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



#85

Chrysene

Concen: 1.593 ng/ul

RT: 21.80 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG046764.D

Acq: 3 Oct 2020 9:48

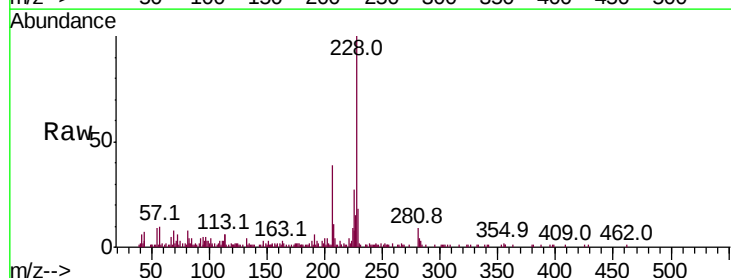
Tgt Ion:228 Resp: 52934

Ion Ratio Lower Upper

228 100

226 26.5 24.3 36.5

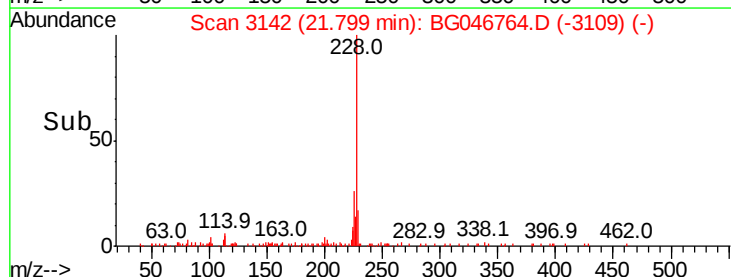
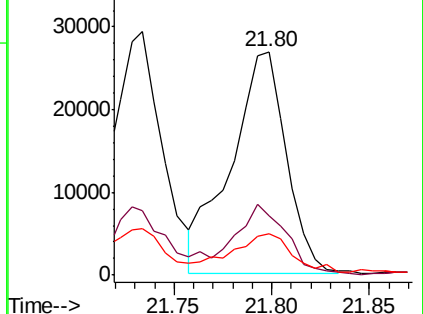
229 18.4 15.8 23.8

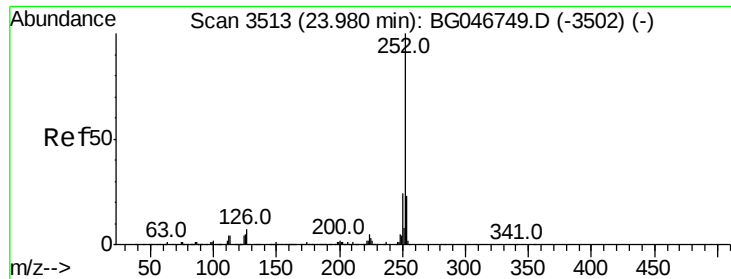


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 1.417 ng/ul

RT: 23.98 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BG046764.D

Acq: 3 Oct 2020 9:48

Instrument :

BNA_G

ClientSampleId :

CB7K0

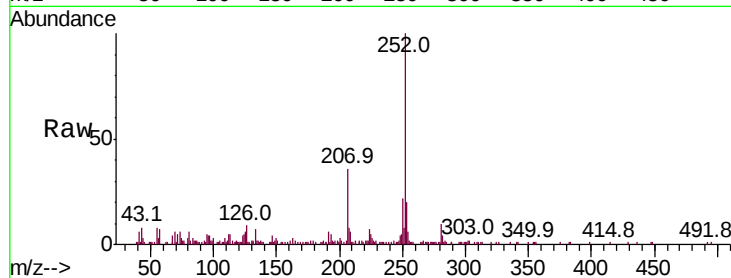
Tot Ion:252 Resp: 49353

Ion Ratio Lower Upper

252 100

253 19.7 17.9 26.9

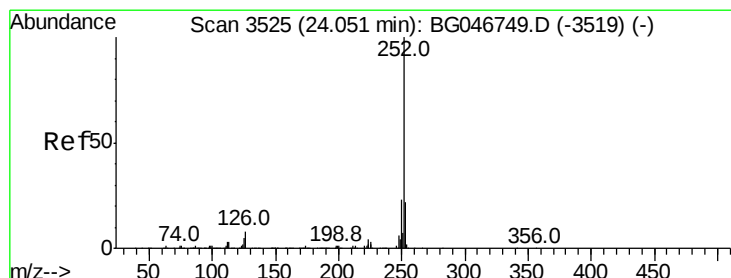
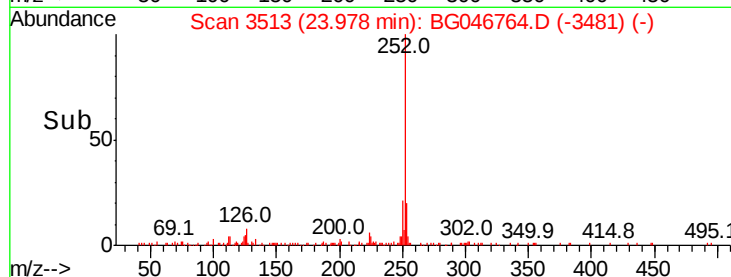
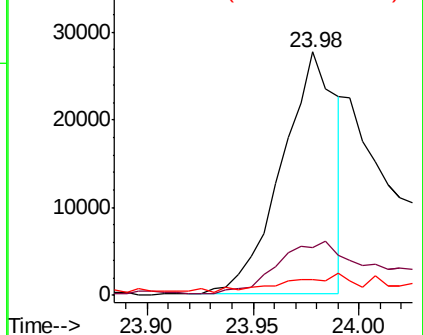
125 6.5 5.0 7.4



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



#89

Benzo(k)fluoranthene

Concen: 1.454 ng/ul

RT: 23.98 min Scan# 3513

Delta R.T. -0.08 min

Lab File: BG046764.D

Acq: 3 Oct 2020 9:48

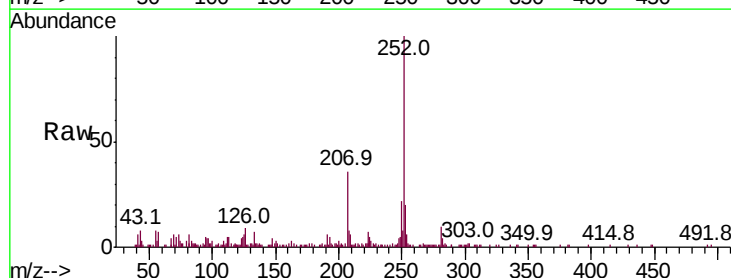
Tgt Ion:252 Resp: 49353

Ion Ratio Lower Upper

252 100

253 19.7 17.7 26.5

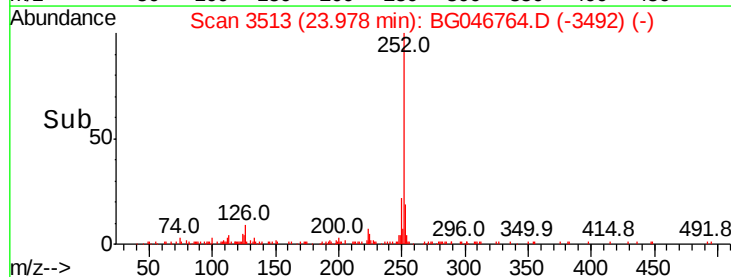
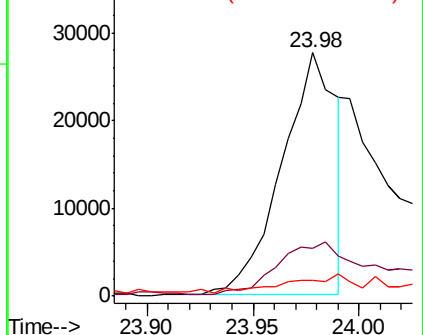
125 6.5 4.8 7.2

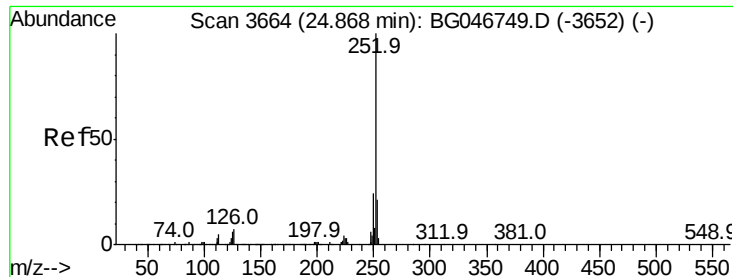


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.568 ng/ul

RT: 24.87 min Scan# 3665

Delta R.T. 0.00 min

Lab File: BG046764.D

Acq: 3 Oct 2020 9:48

Instrument :

BNA_G

ClientSampleId :

CB7K0

Tot Ion:252 Resp: 49871

Ion Ratio Lower Upper

252 100

253 15.5 17.6 26.4#

125 4.7 5.4 8.2#

