

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047686.D
 Acq On : 10 Dec 2020 00:03
 Operator : CG/JU
 Sample : L4941-12
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 10 00:46:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 08 17:39:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	23910	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	93311	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	77201	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	197321	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	196131	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	197332	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	967	2.15	ng/uL	-0.01
5) Phenol-d5	7.35	99	30151	14.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	18255	17.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	24007	15.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	22350	13.76	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	12194	16.03	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	14032	15.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	30200	15.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	24855	13.59	ng/ul	0.00
44) Dimethylphthalate-d6	14.22	166	92912	13.86	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	117666	15.36	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	12125	12.19	ng/ul	0.00
58) Fluorene-d10	15.82	176	86074	13.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	13929	10.43	ng/ul	0.00
71) Anthracene-d10	17.67	188	150009	15.24	ng/ul	0.00
79) Pyrene-d10	19.94	212	193825	16.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	192483	16.70	ng/ul	0.00

Target Compounds

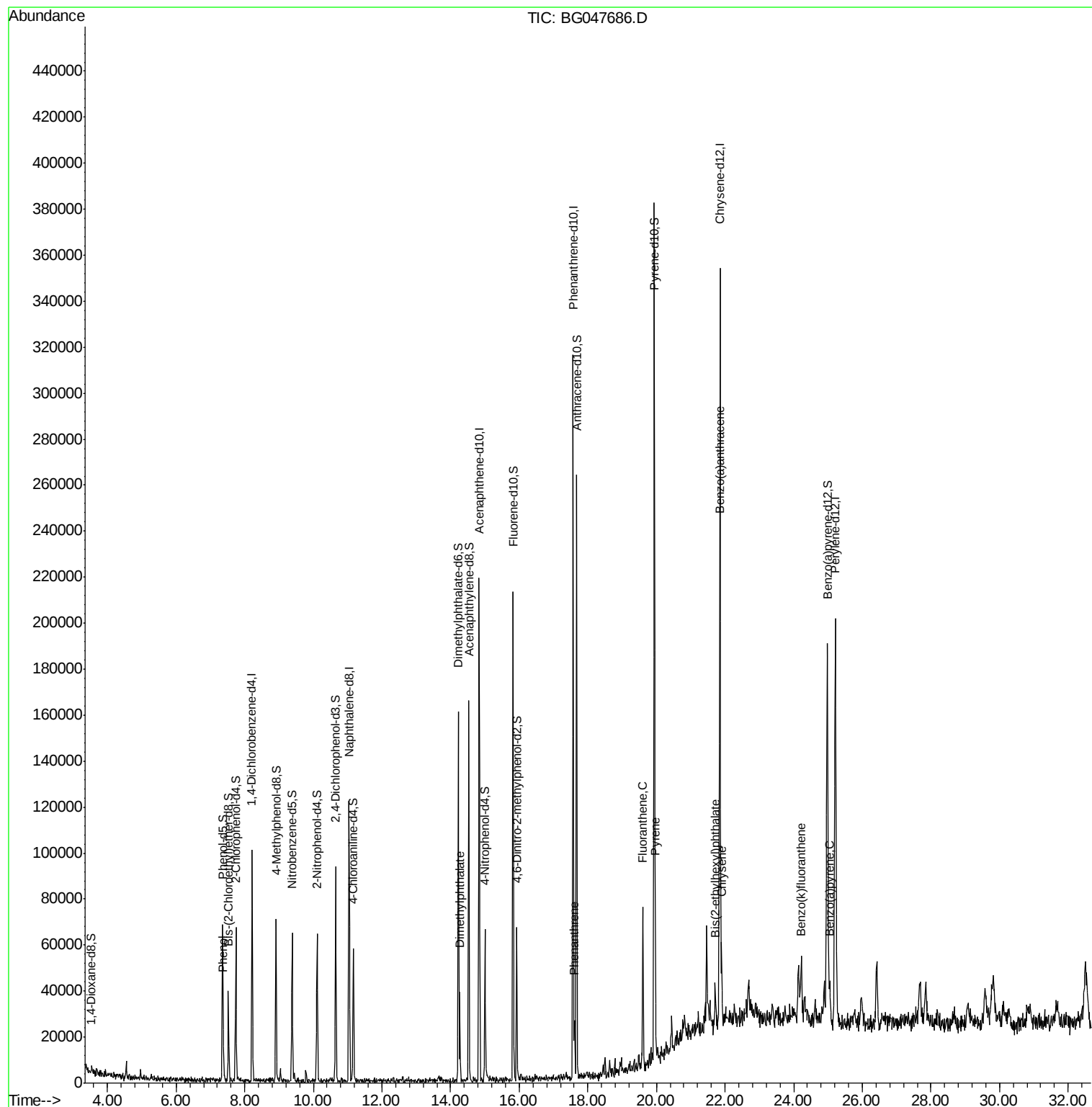
					Ovalue	
6) Phenol	7.38	94	6308	3.263	ng/ul#	85
45) Dimethylphthalate	14.28	163	23328	3.434	ng/ul	98
70) Phenanthrene	17.61	178	15226	1.424	ng/ul	94
77) Fluoranthene	19.60	202	46238	3.398	ng/ul#	98
80) Pyrene	19.97	202	35215	2.469	ng/ul	98
83) Benzo(a)anthracene	21.83	228	20738	1.480	ng/ul#	91
84) Bis(2-ethylhexyl)phthalate	21.71	149	7651	1.149	ng/ul#	88
85) Chrysene	21.90	228	22027	1.666	ng/ul	93
89) Benzo(k)fluoranthene	24.20	252	13710	1.004	ng/ul#	90
91) Benzo(a)pyrene	25.05	252	18629	1.500	ng/ul#	64

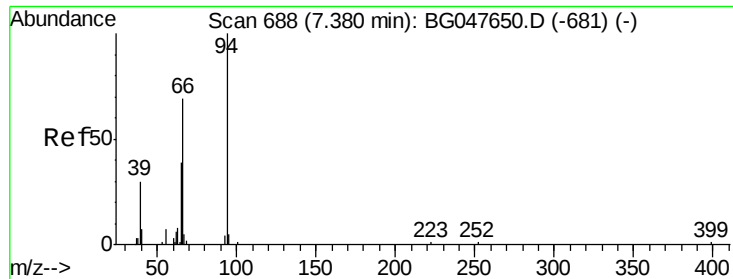
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.263 ng/ul

RT: 7.38 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG047686.D

Acq: 10 Dec 2020 00:03

Instrument :

BNA_G

ClientSampleId :

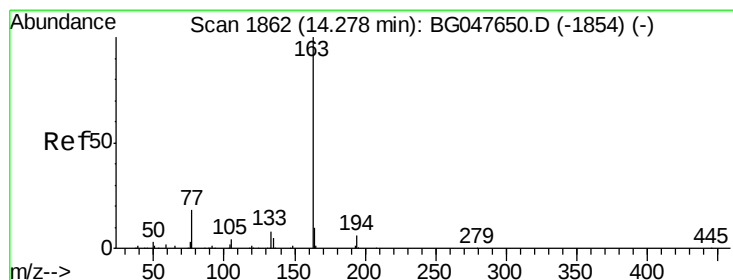
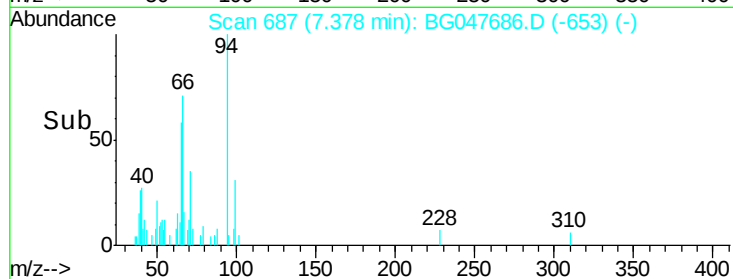
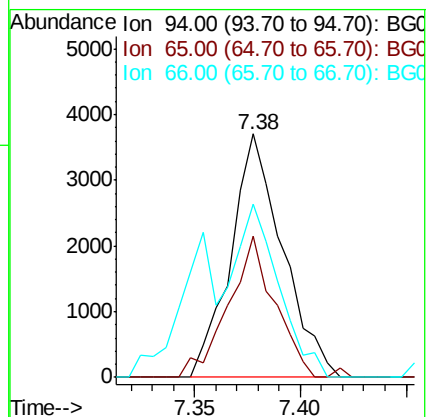
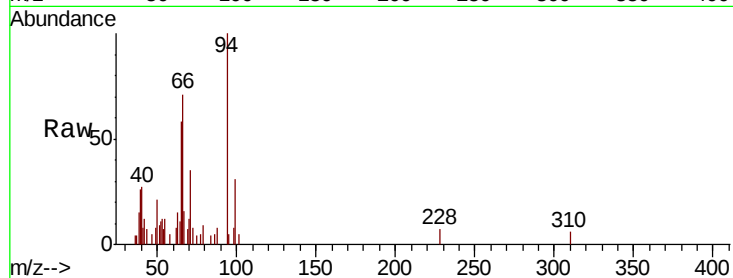
Tot Ion: 94 Resp: 6308

Ion Ratio Lower Upper

94 100

65 58.1 35.9 53.9#

66 71.2 50.1 75.1



#45

Dimethylphthalate

Concen: 3.434 ng/ul

RT: 14.28 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BG047686.D

Acq: 10 Dec 2020 00:03

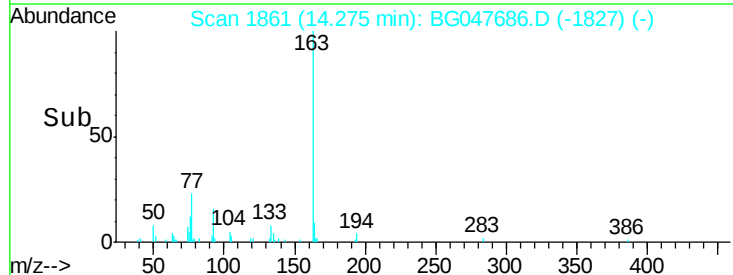
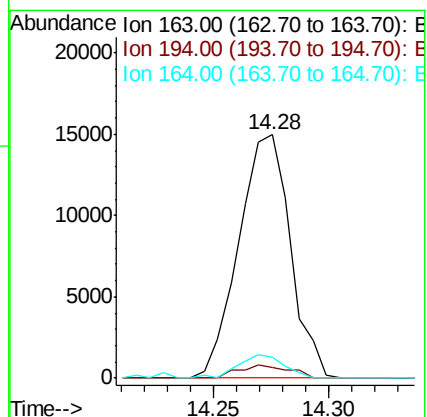
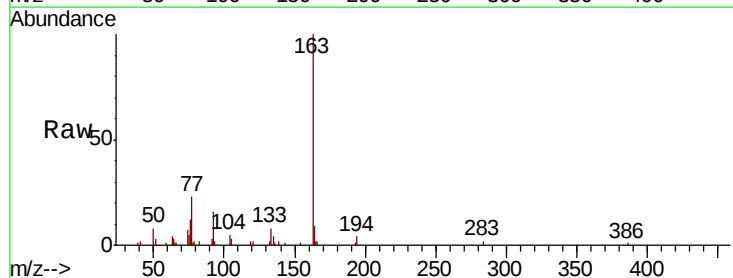
Tgt Ion:163 Resp: 23328

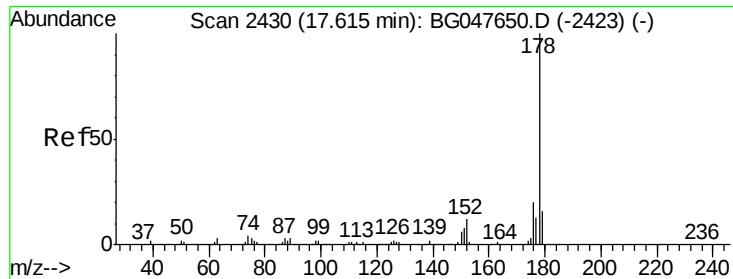
Ion Ratio Lower Upper

163 100

194 4.4 3.9 5.9

164 8.5 7.4 11.2





#70

Phenanthrene

Concen: 1.424 ng/ul

RT: 17.61 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG047686.D

Acq: 10 Dec 2020 00:03

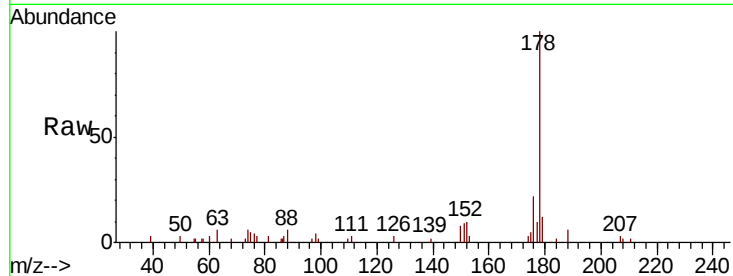
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 15226

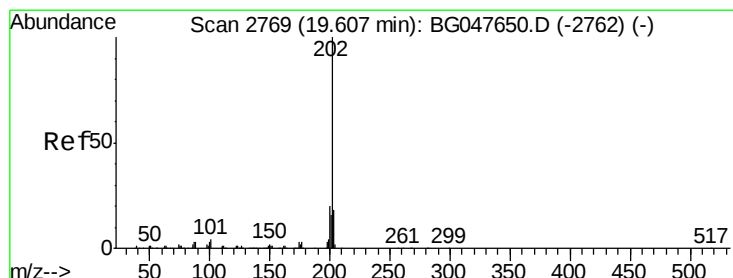
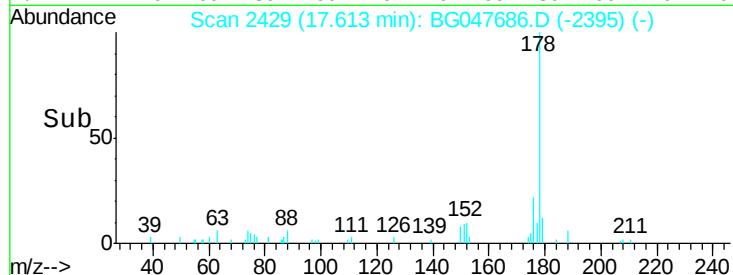
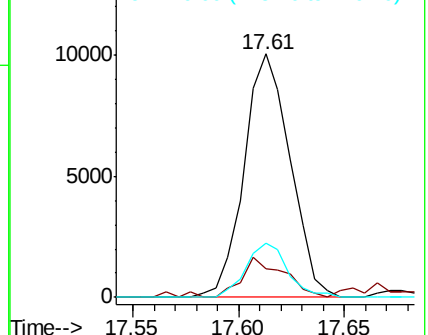
Ion	Ratio	Lower	Upper
178	100		
179	12.0	11.6	17.4
176	22.2	15.8	23.8



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: 3.398 ng/ul

RT: 19.60 min Scan# 2768

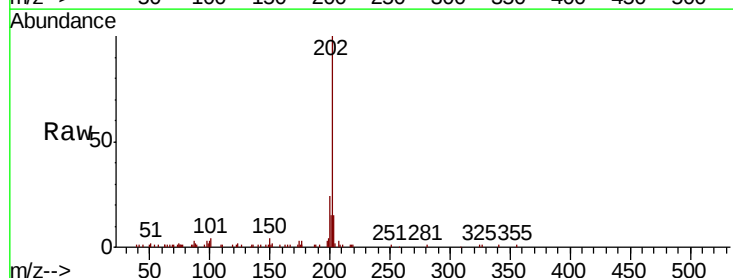
Delta R.T. -0.00 min

Lab File: BG047686.D

Acq: 10 Dec 2020 00:03

Tgt Ion:202 Resp: 46238

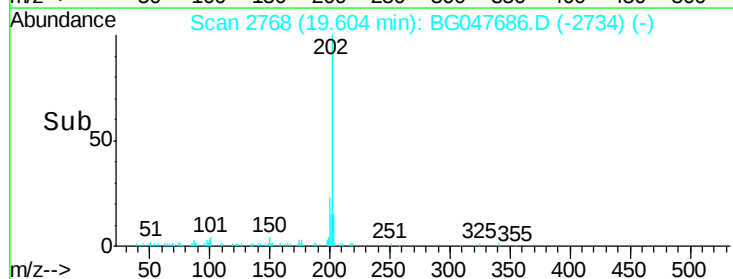
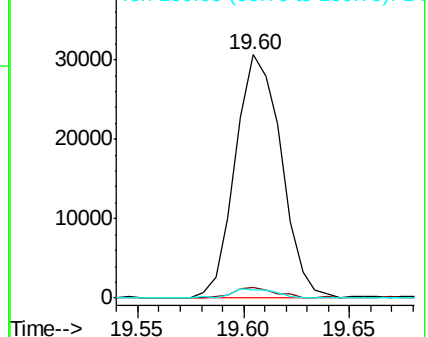
Ion	Ratio	Lower	Upper
202	100		
101	4.4	2.4	3.6#
100	3.3	2.6	3.8

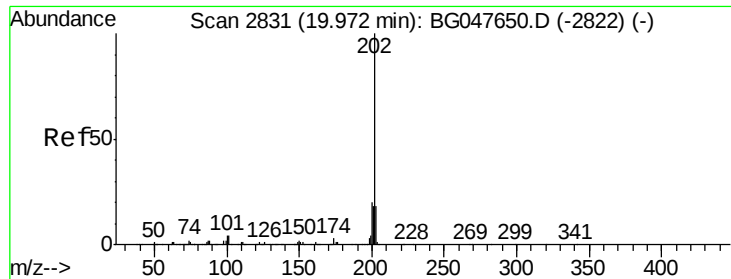


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

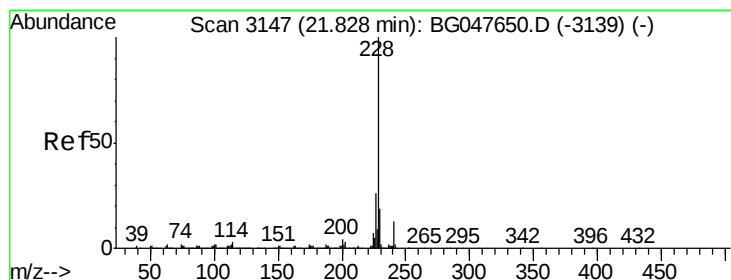
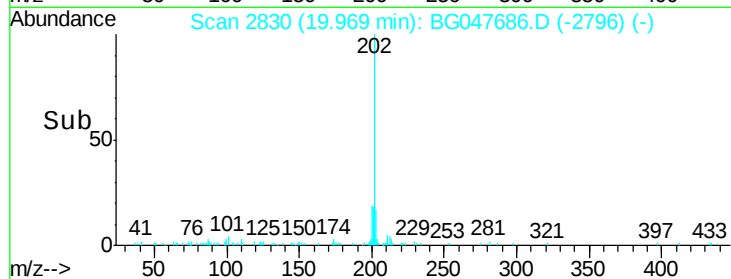
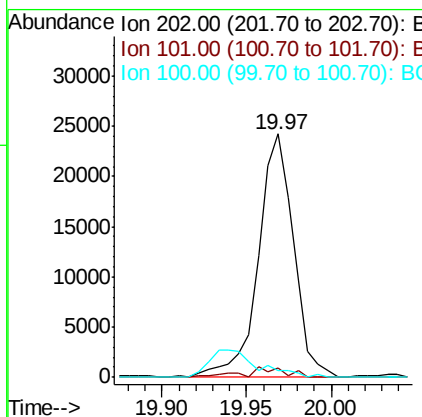
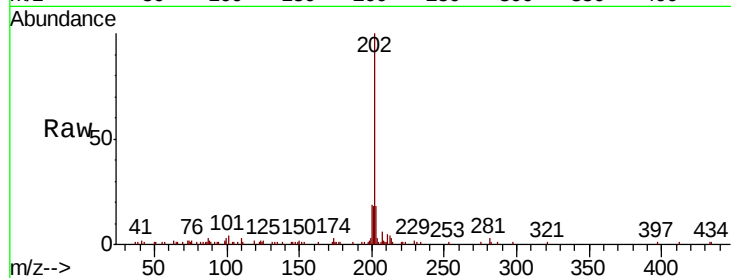




#80
Pvrene
Concen: 2.469 ng/ul
RT: 19.97 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BG047686.D
Acq: 10 Dec 2020 00:03

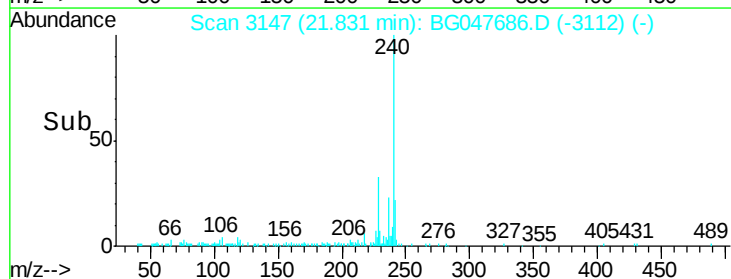
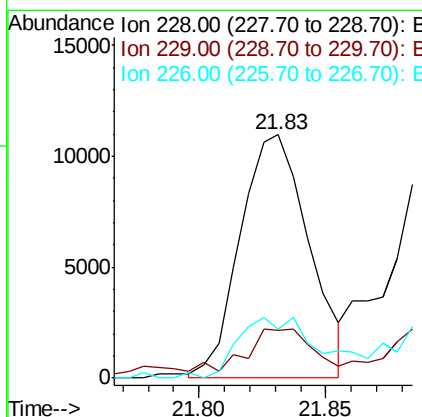
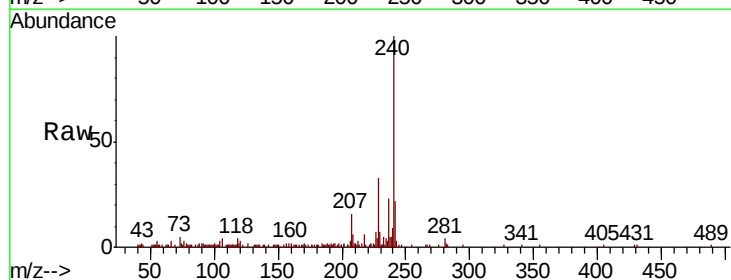
Instrument :
BNA_G
ClientSampleId :

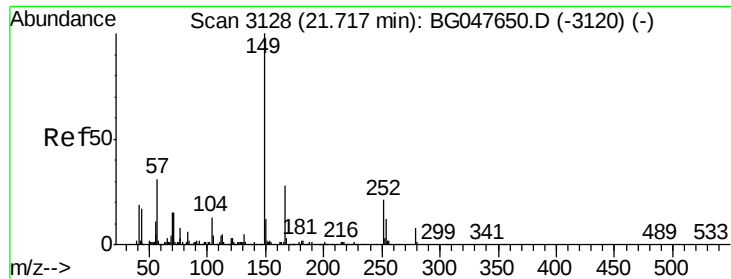
Tot Ion	Ratio	Lower	Upper
202	100		
101	3.7	2.5	3.7
100	2.6	2.4	3.6



#83
Benzo(a)anthracene
Concen: 1.480 ng/ul
RT: 21.83 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BG047686.D
Acq: 10 Dec 2020 00:03

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.0	24.0
226	20.1	22.4	33.6#





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.149 ng/ul

RT: 21.71 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG047686.D

Acq: 10 Dec 2020 00:03

Instrument :

BNA_G

ClientSampleId :

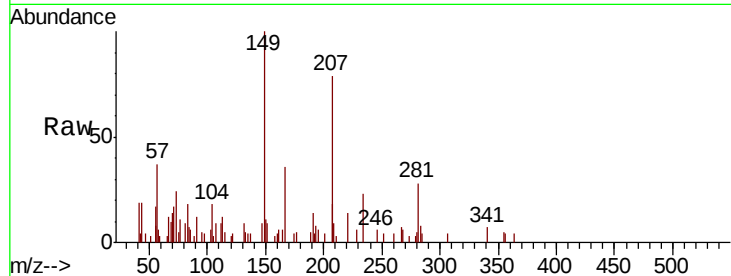
Tot Ion:149 Resp: 7651

Ion Ratio Lower Upper

149 100

167 36.2 23.8 35.6#

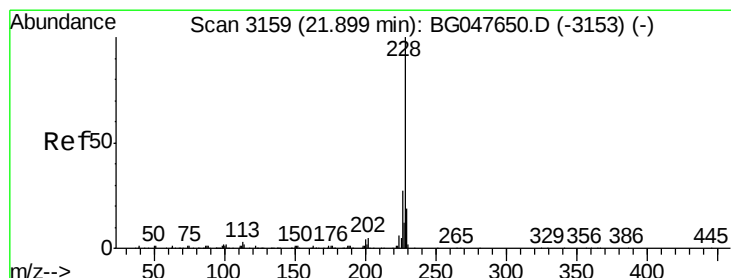
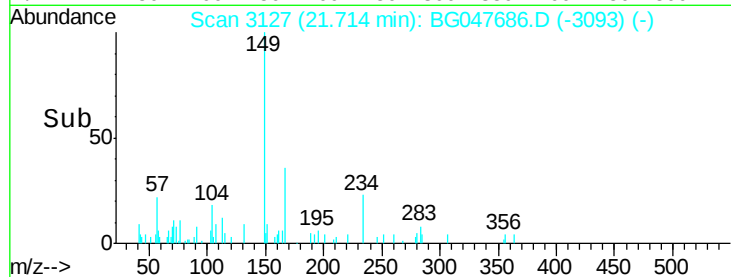
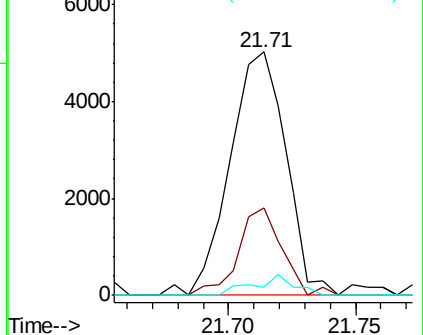
279 3.1 5.3 7.9#



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: 1.666 ng/ul

RT: 21.90 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG047686.D

Acq: 10 Dec 2020 00:03

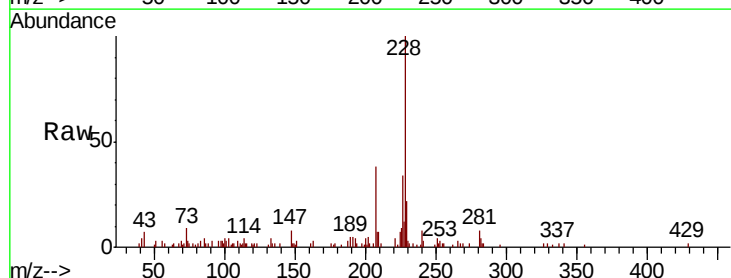
Tgt Ion:228 Resp: 22027

Ion Ratio Lower Upper

228 100

226 33.6 23.0 34.4

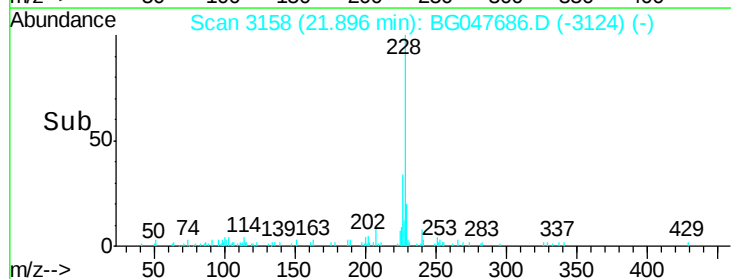
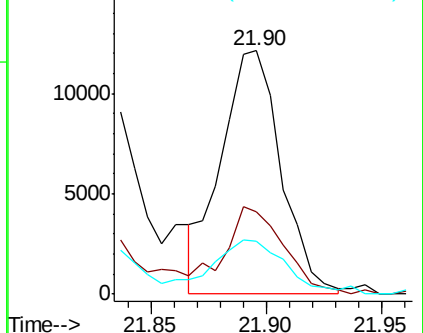
229 21.8 15.8 23.8

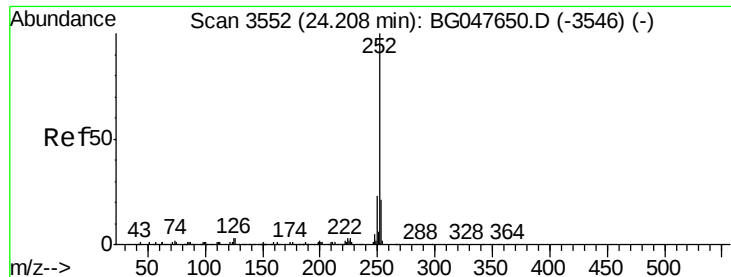


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#89

Benzo(k)fluoranthene

Concen: 1.004 ng/ul

RT: 24.20 min Scan# 3550

Delta R.T. -0.01 min

Lab File: BG047686.D

Acq: 10 Dec 2020 00:03

Instrument :

BNA_G

ClientSampleId :

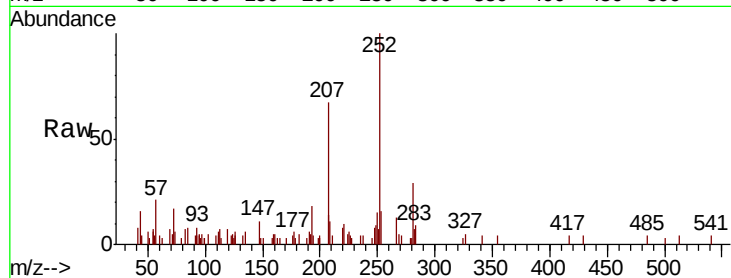
Tot Ion:252 Resp: 13710

Ion Ratio Lower Upper

252 100

253 16.1 16.9 25.3#

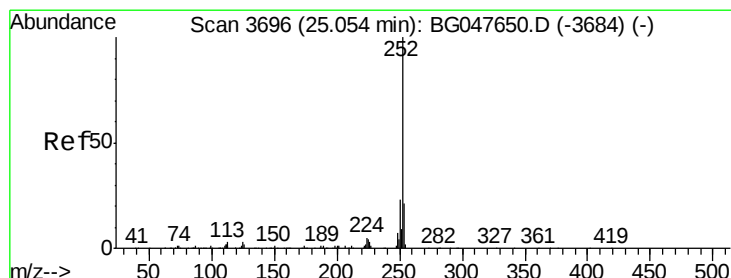
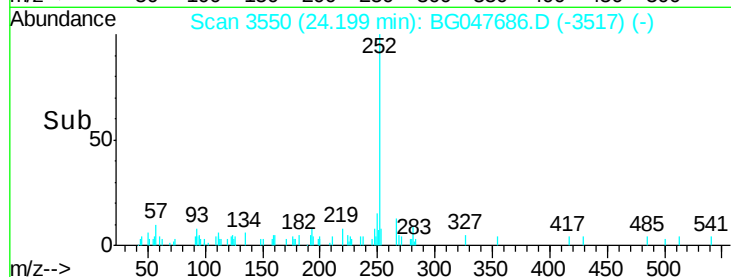
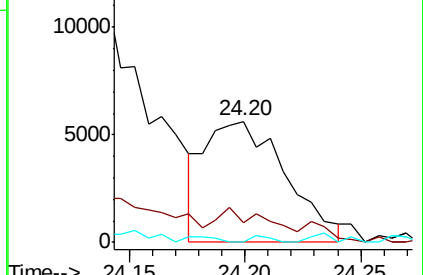
125 0.0 2.2 3.4#



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



#91

Benzo(a)pyrene

Concen: 1.500 ng/ul

RT: 25.05 min Scan# 3695

Delta R.T. -0.00 min

Lab File: BG047686.D

Acq: 10 Dec 2020 00:03

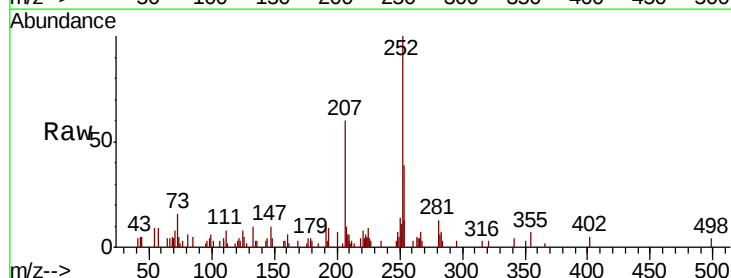
Tgt Ion:252 Resp: 18629

Ion Ratio Lower Upper

252 100

253 39.3 16.9 25.3#

125 8.2 2.6 3.8#



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

