

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047421.D
 Acq On : 23 Nov 2020 17:51
 Operator : CG/JU
 Sample : L4719-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B75

Quant Time: Nov 24 00:55:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	38135	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	154025	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	118848	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	252400	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	221731	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	231710	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	1386	1.32	ng/uL	0.00
5) Phenol-d5	7.40	99	35856	9.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	20724	9.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	27728	10.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	28068	9.55	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	15055	11.83	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	16790	12.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	33367	10.50	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	37075	11.53	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	115118	11.28	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	131656	11.17	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	14733	9.46	ng/ul	0.00
58) Fluorene-d10	15.87	176	104375	11.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	7328	5.10	ng/ul	0.00
71) Anthracene-d10	17.72	188	160637	12.83	ng/ul	0.00
79) Pyrene-d10	19.98	212	179761	13.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	182834	13.71	ng/ul	0.00

Target Compounds

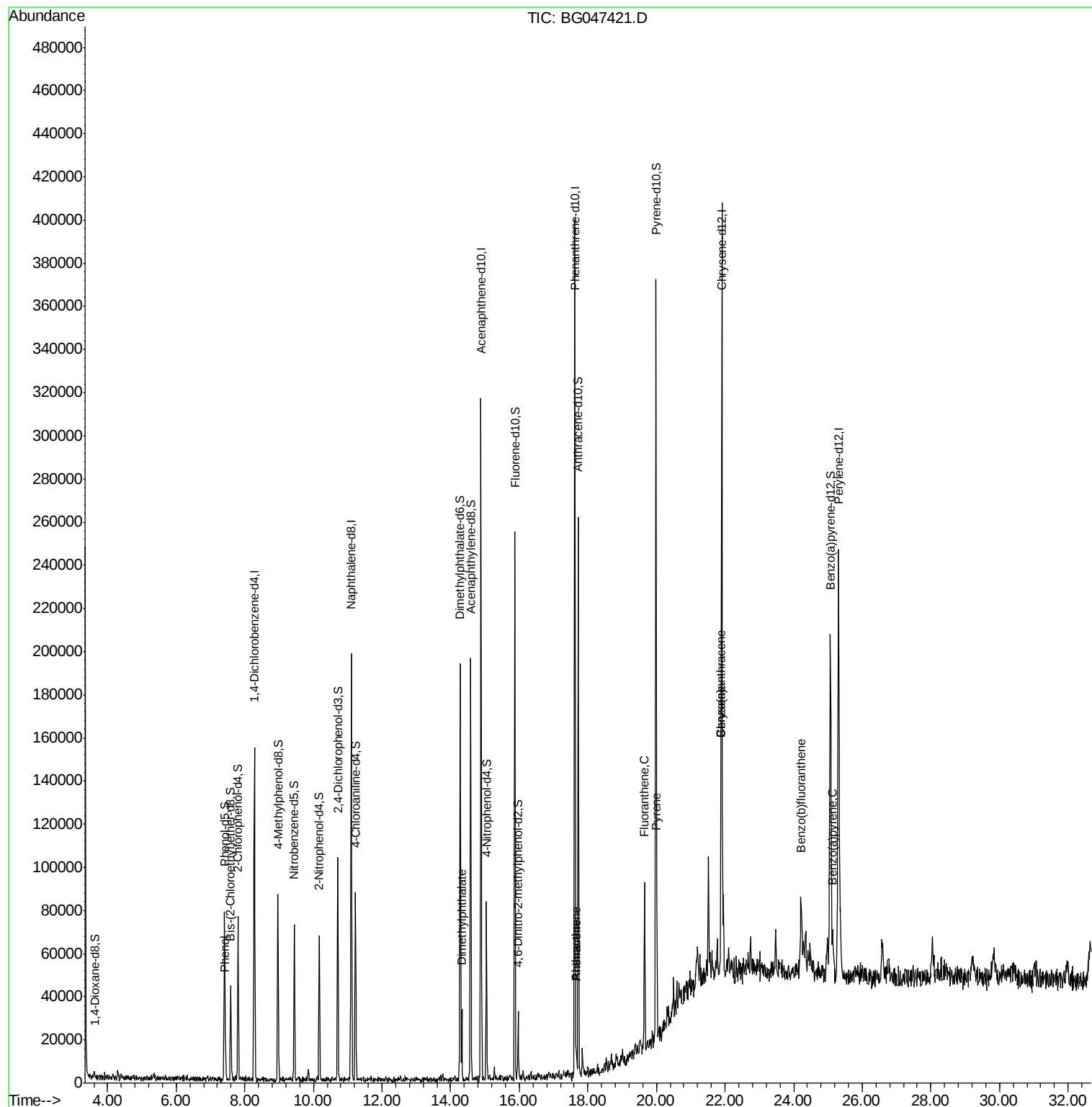
				Ovalue	
6) Phenol	7.43	94	5473	1.494	ng/ul# 78
45) Dimethylphthalate	14.32	163	16116	1.549	ng/ul 96
70) Phenanthrene	17.66	178	14254	1.046	ng/ul 96
72) Anthracene	17.66	178	14254	1.038	ng/ul 98
77) Fluoranthene	19.65	202	51026	2.964	ng/ul# 97
80) Pyrene	20.01	202	41455	2.639	ng/ul# 93
83) Benzo(a)anthracene	21.87	228	25584	1.622	ng/ul# 89
85) Chrysene	21.87	228	25584	1.704	ng/ul 91
88) Benzo(b)fluoranthene	24.21	252	40861	2.498	ng/ul# 86
91) Benzo(a)pyrene	25.15	252	23449	1.608	ng/ul# 84

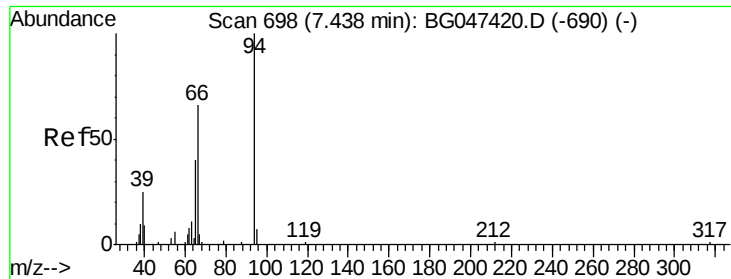
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.494 ng/ul

RT: 7.43 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG047421.D

Acq: 23 Nov 2020 17:51

Instrument :

BNA_G

ClientSampleId :

C0B75

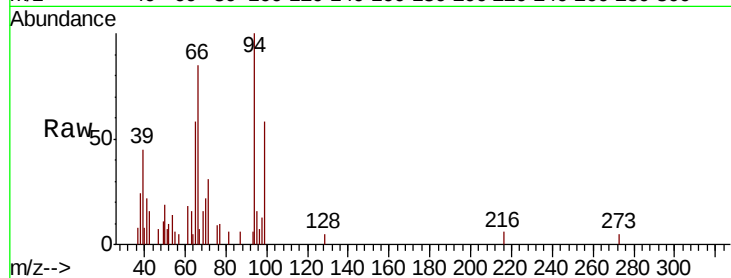
Tot Ion: 94 Resp: 5473

Ion Ratio Lower Upper

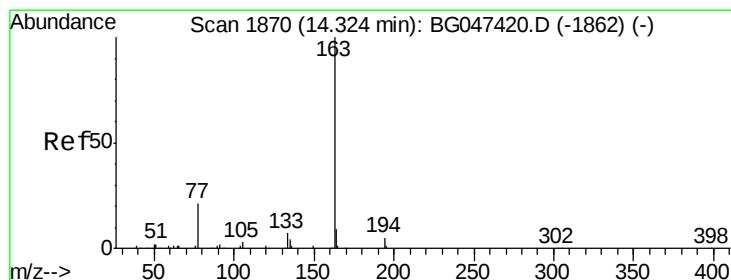
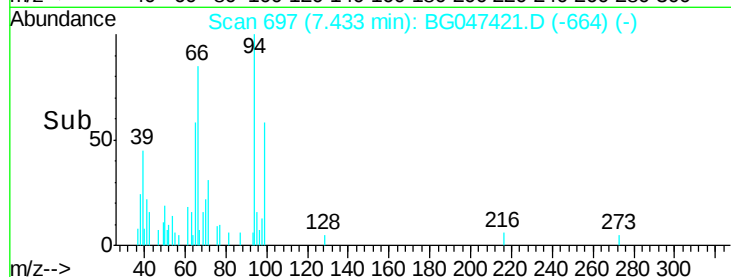
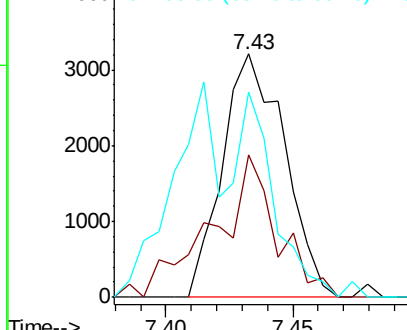
94 100

65 58.3 37.8 56.8#

66 84.5 51.6 77.4#



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



#45

Dimethylphthalate

Concen: 1.549 ng/ul

RT: 14.32 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BG047421.D

Acq: 23 Nov 2020 17:51

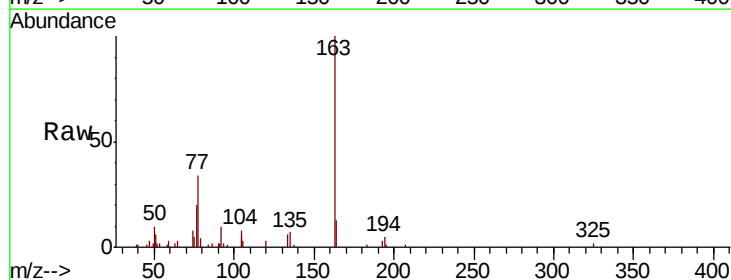
Tgt Ion:163 Resp: 16116

Ion Ratio Lower Upper

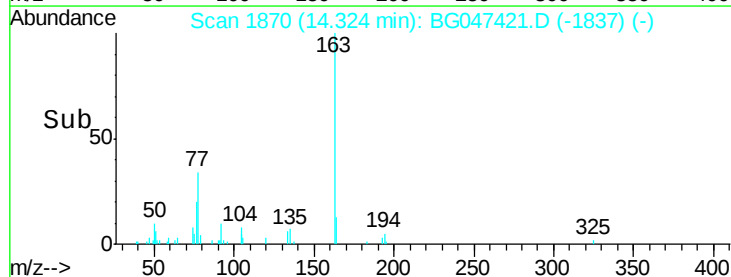
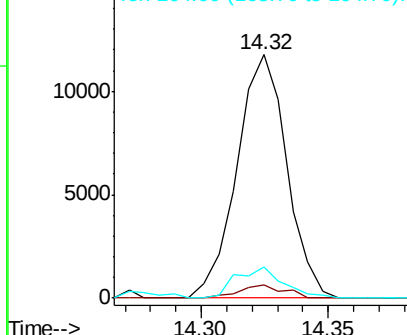
163 100

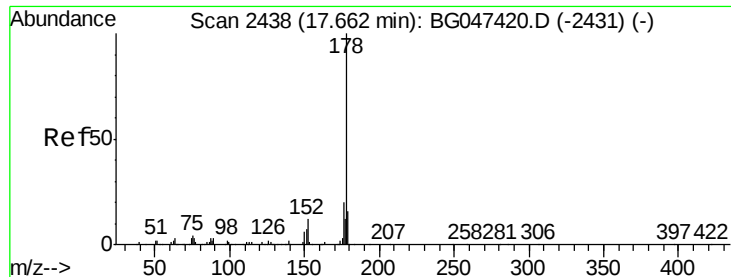
194 5.2 3.6 5.4

164 12.7 8.5 12.7



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





#70

Phenanthrene

Concen: 1.046 ng/ul

RT: 17.66 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG047421.D

Acq: 23 Nov 2020 17:51

Instrument :

BNA_G

ClientSampleId :

C0B75

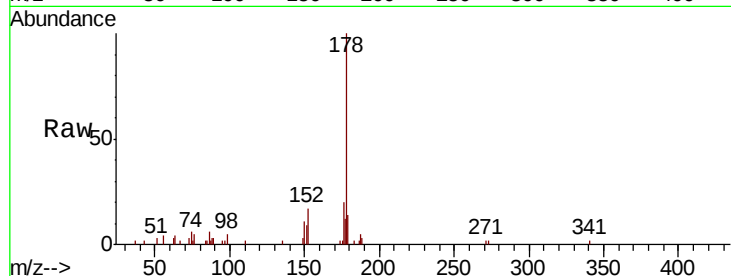
Tot Ion:178 Resp: 14254

Ion Ratio Lower Upper

178 100

179 13.8 11.8 17.6

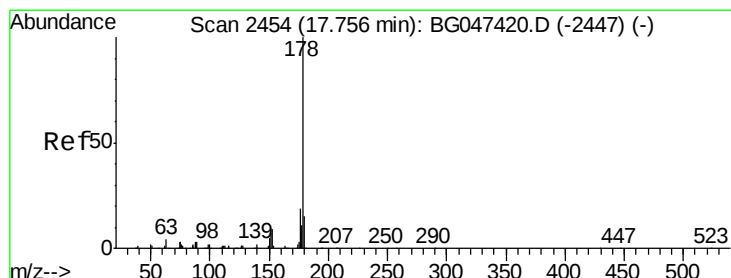
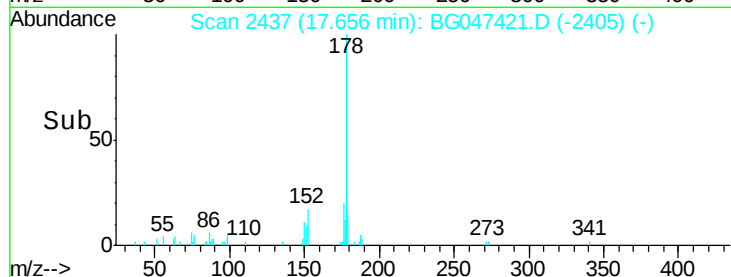
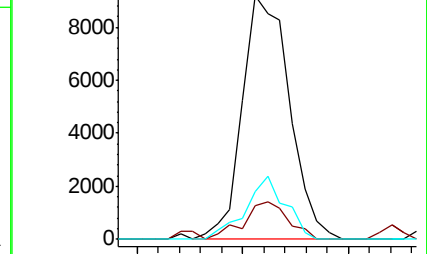
176 19.8 13.9 20.9



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: 1.038 ng/ul

RT: 17.66 min Scan# 2437

Delta R.T. -0.10 min

Lab File: BG047421.D

Acq: 23 Nov 2020 17:51

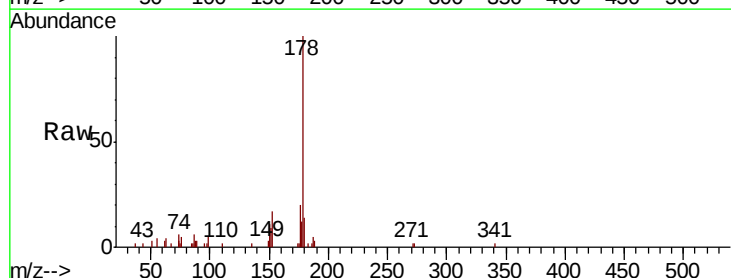
Tgt Ion:178 Resp: 14254

Ion Ratio Lower Upper

178 100

179 13.8 11.7 17.5

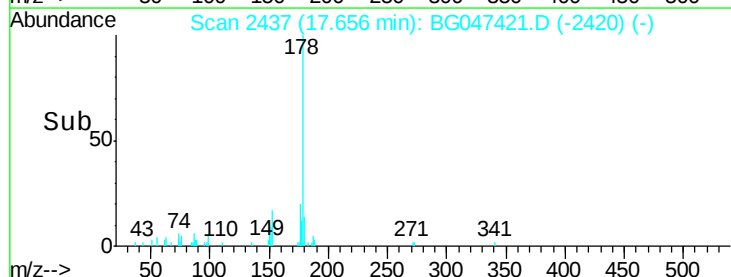
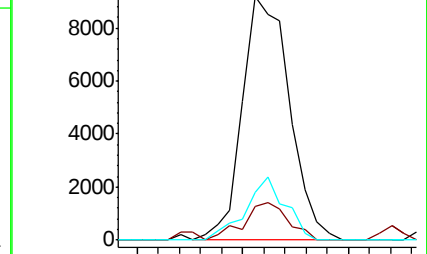
176 19.8 15.4 23.0

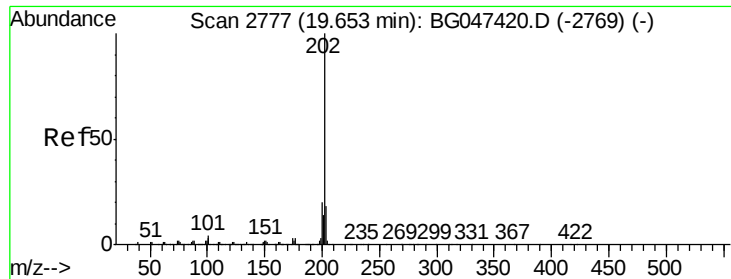


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77

Fluoranthene

Concen: 2.964 ng/ul

RT: 19.65 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG047421.D

Acq: 23 Nov 2020 17:51

Instrument :

BNA_G

ClientSampleId :

C0B75

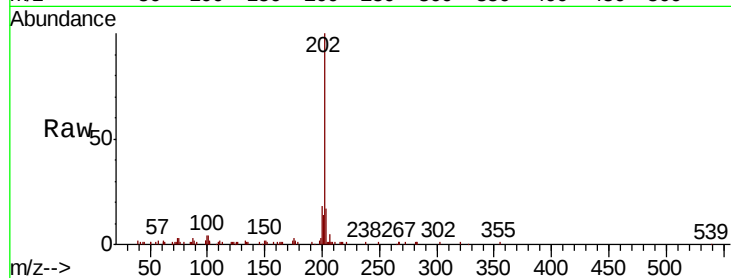
Tot Ion:202 Resp: 51026

Ion Ratio Lower Upper

202 100

101 5.7 3.0 4.6#

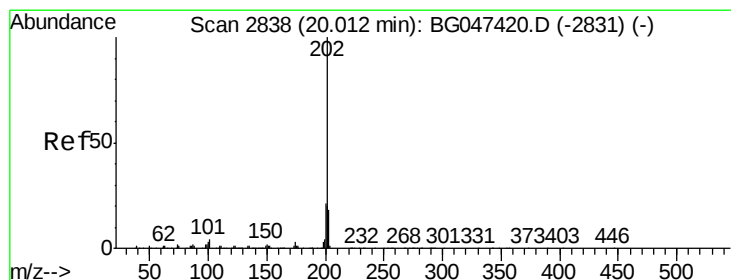
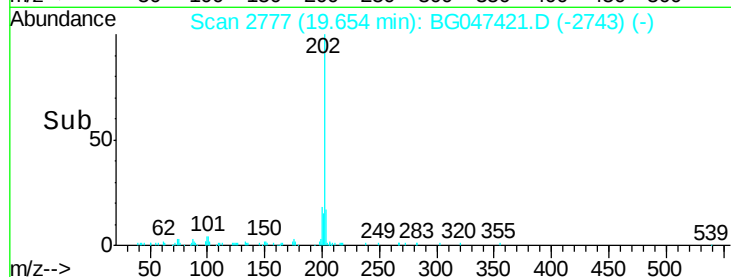
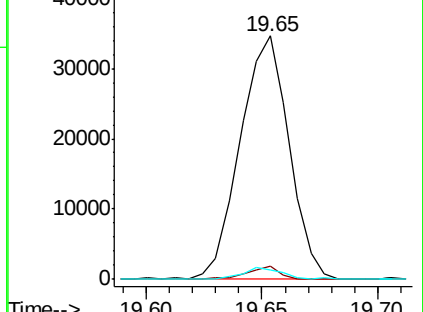
100 3.9 3.0 4.6



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

Pyrene

Concen: 2.639 ng/ul

RT: 20.01 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG047421.D

Acq: 23 Nov 2020 17:51

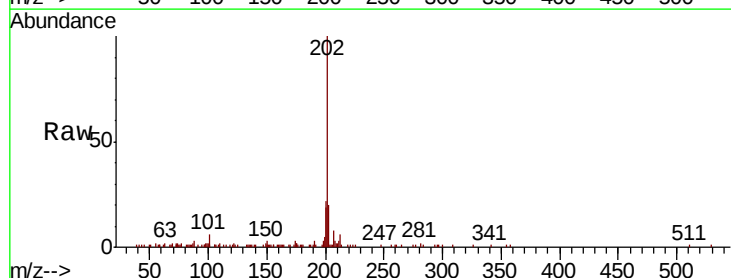
Tgt Ion:202 Resp: 41455

Ion Ratio Lower Upper

202 100

101 7.1 3.5 5.3#

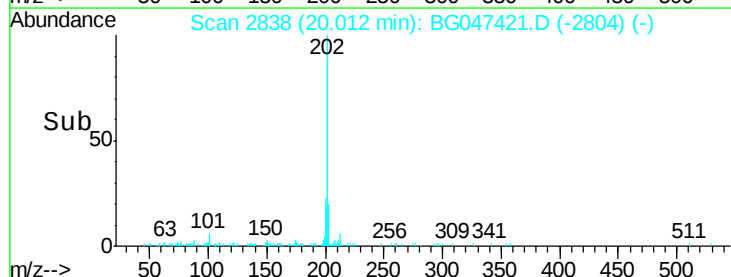
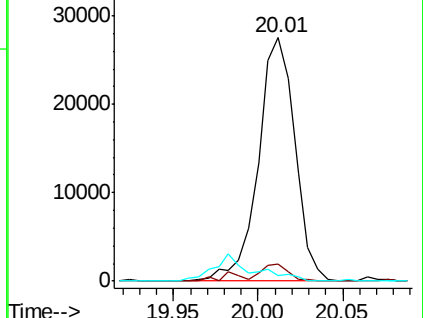
100 2.5 3.4 5.0#

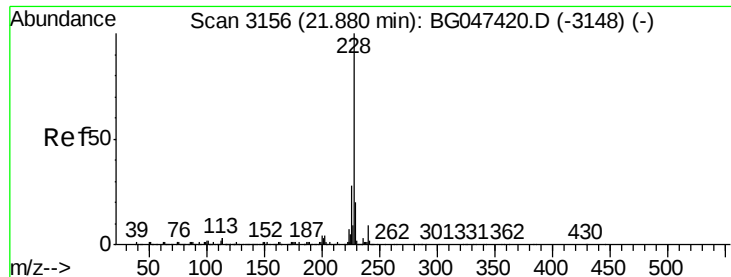


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 1.622 ng/ul

RT: 21.87 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG047421.D

Acq: 23 Nov 2020 17:51

Instrument :

BNA_G

ClientSampleId :

C0B75

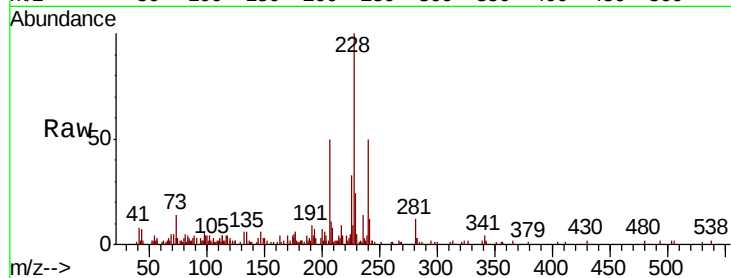
Tot Ion:228 Resp: 25584

Ion Ratio Lower Upper

228 100

229 24.2 15.6 23.4#

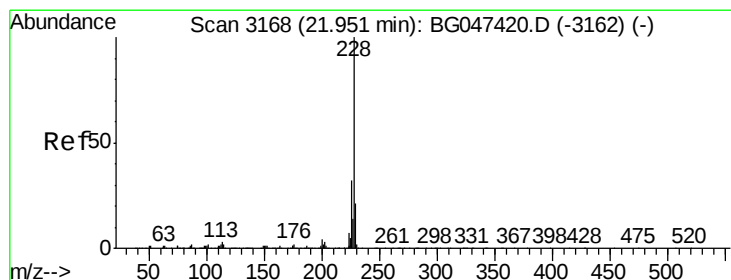
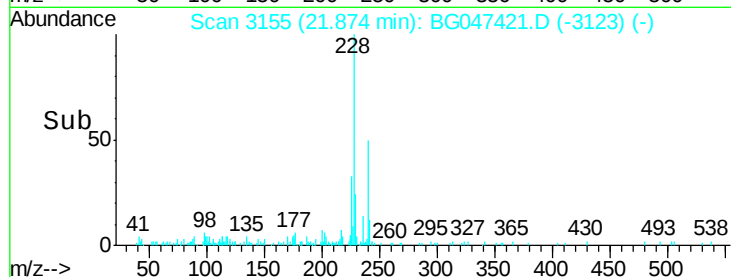
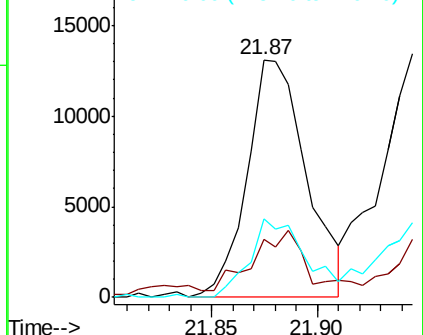
226 33.2 21.7 32.5#



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



#85

Chrysene

Concen: 1.704 ng/ul

RT: 21.87 min Scan# 3155

Delta R.T. -0.08 min

Lab File: BG047421.D

Acq: 23 Nov 2020 17:51

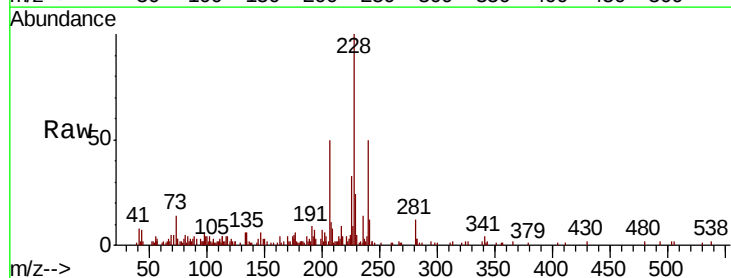
Tgt Ion:228 Resp: 25584

Ion Ratio Lower Upper

228 100

226 33.2 22.3 33.5

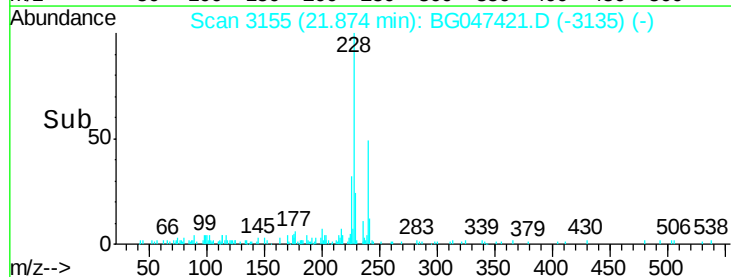
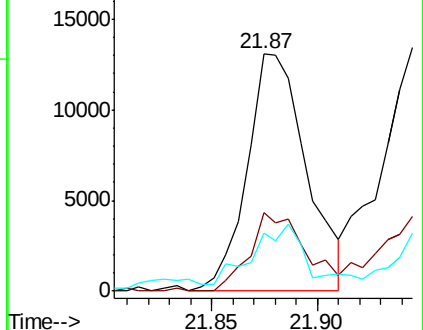
229 24.2 16.5 24.7

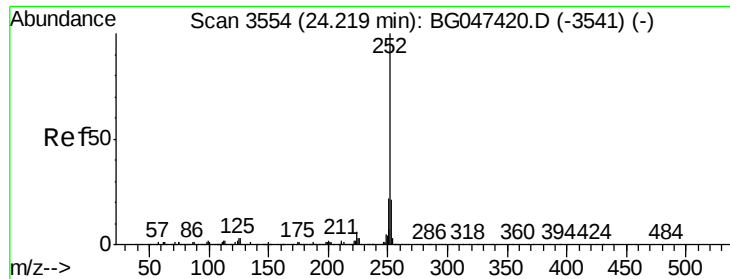


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 2.498 ng/ul

RT: 24.21 min Scan# 3553

Delta R.T. -0.01 min

Lab File: BG047421.D

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C0B75

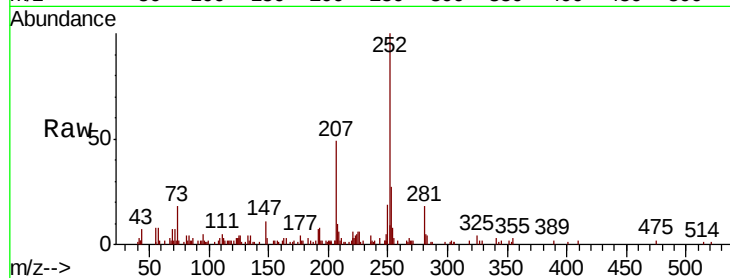
Tot Ion:252 Resp: 40861

Ion Ratio Lower Upper

252 100

253 27.5 16.6 25.0#

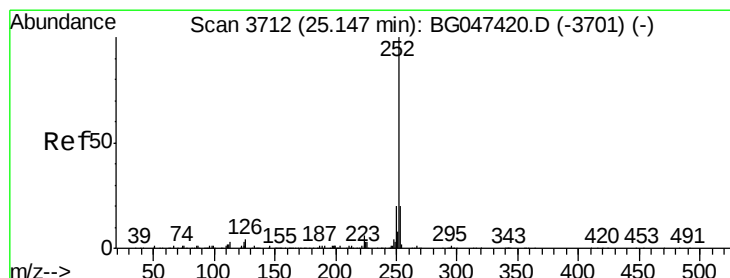
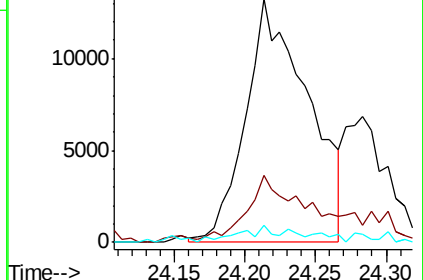
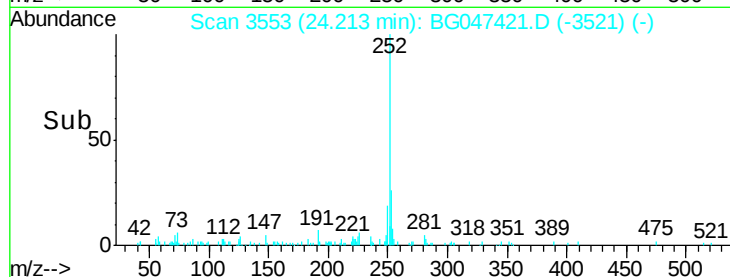
125 6.9 2.7 4.1#



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: 1.608 ng/ul

RT: 25.15 min Scan# 3712

Delta R.T. 0.00 min

Lab File: BG047421.D

Acq: 23 Nov 2020 17:51

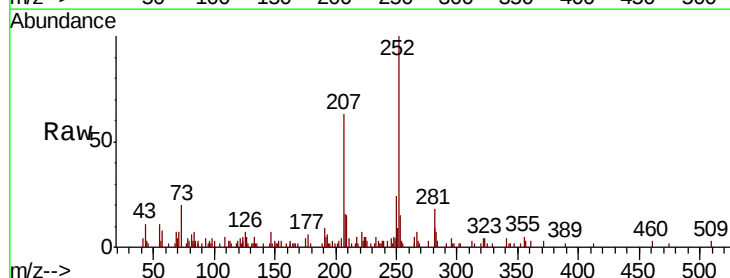
Tgt Ion:252 Resp: 23449

Ion Ratio Lower Upper

252 100

253 15.1 18.6 27.8#

125 0.0 3.1 4.7#



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

