

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
 Data File : BG047180.D
 Acq On : 31 Oct 2020 8:23
 Operator : CG/JU
 Sample : L4507-17
 Misc : GCMS CONFIRMATION
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BN4

Quant Time: Nov 01 23:13:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 16:49:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	65377	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	250221	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.69	164	172849	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	388819	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	405734	20.00	ng/ul	-0.01
86) Perylene-d12	24.93	264	424288	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.86	131	170	0.04	ng/ul	-0.14
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.43	188	388819	20.63	ng/ul	-0.11
79) Pyrene-d10	19.85	212	131	0.01	ng/ul	0.03
90) Benzo(a)pyrene-d12	24.65	264	117	0.01	ng/ul	-0.08

Target Compounds

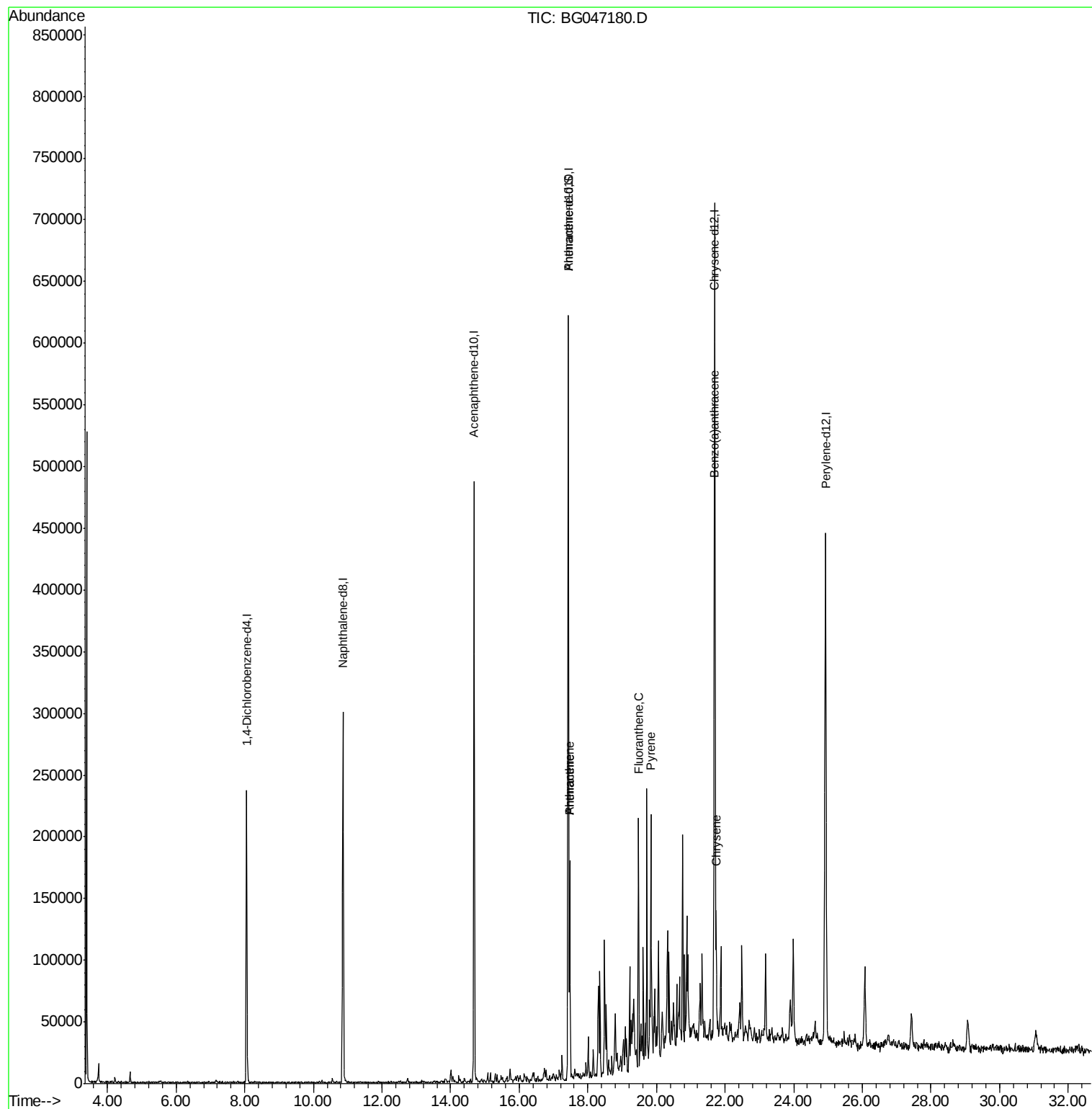
				Ovalue	
70) Phenanthrene	17.47	178	113062	5.185	ng/ul 98
72) Anthracene	17.47	178	113062	5.159	ng/ul 95
77) Fluoranthene	19.47	202	117615	4.481	ng/ul 99
80) Pyrene	19.84	202	107451	3.870	ng/ul# 96
83) Benzo(a)anthracene	21.68	228	51633	1.878	ng/ul 99
85) Chrysene	21.74	228	73681	2.786	ng/ul 97

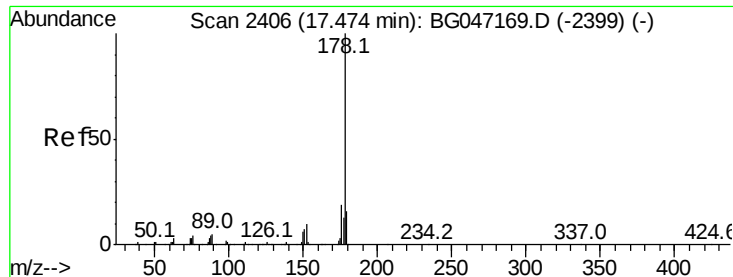
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#70

Phenanthrene

Concen: 5.185 ng/ul

RT: 17.47 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BG047180.D

Acq: 31 Oct 2020 8:23

Instrument :

BNA_G

ClientSampleId :

C0BN4

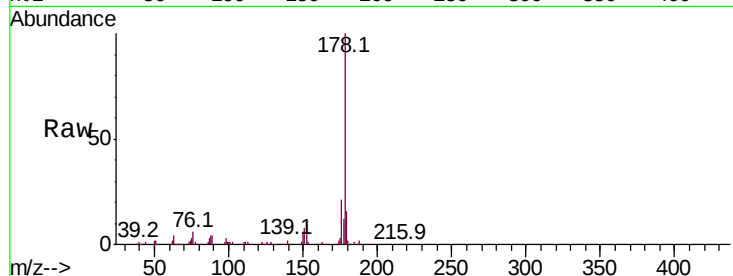
Tot Ion:178 Resp: 113062

Ion Ratio Lower Upper

178 100

179 16.4 13.0 19.4

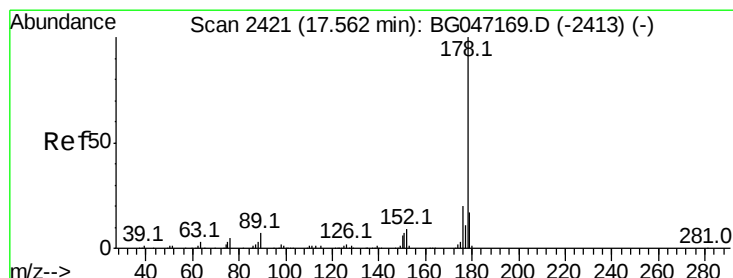
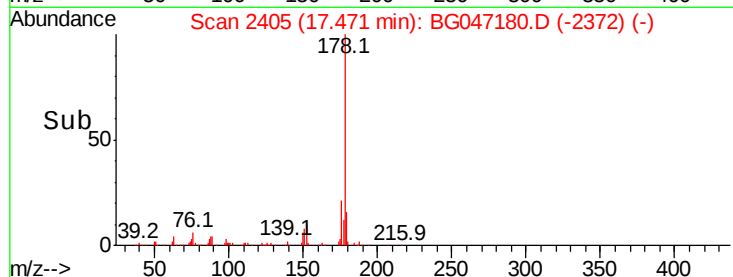
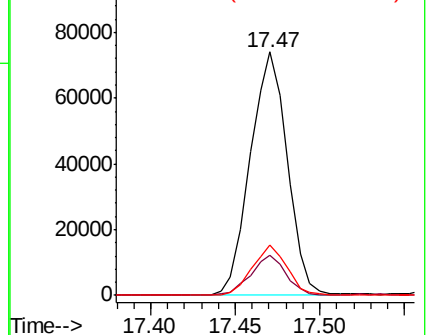
176 20.6 15.5 23.3



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: 5.159 ng/ul

RT: 17.47 min Scan# 2405

Delta R.T. -0.10 min

Lab File: BG047180.D

Acq: 31 Oct 2020 8:23

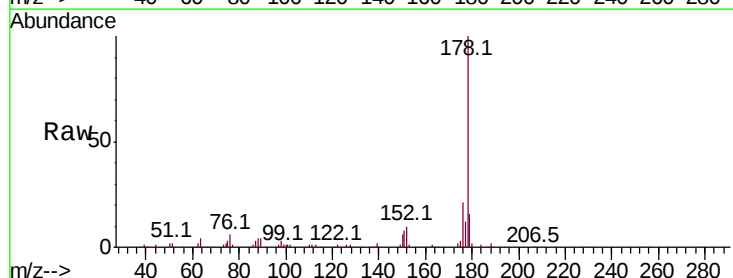
Tgt Ion:178 Resp: 113062

Ion Ratio Lower Upper

178 100

179 16.4 11.8 17.6

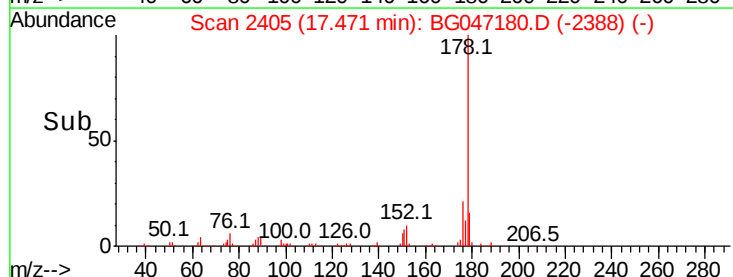
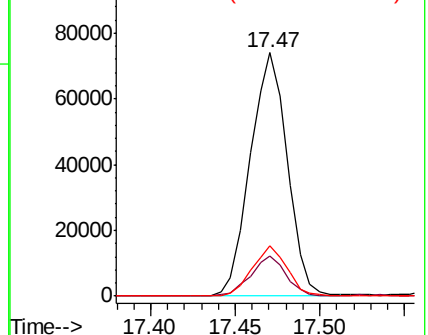
176 20.6 14.7 22.1

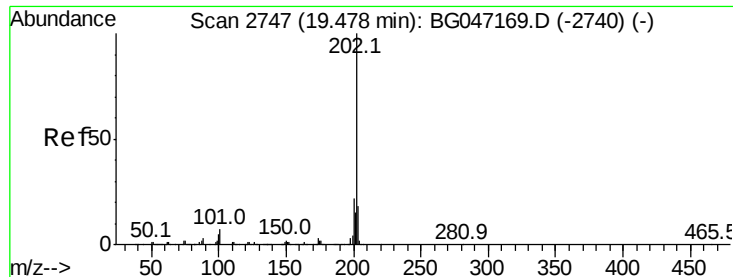


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77

Fluoranthene

Concen: 4.481 ng/ul

RT: 19.47 min Scan# 2746

Delta R.T. -0.01 min

Lab File: BG047180.D

Acq: 31 Oct 2020 8:23

Instrument :

BNA_G

ClientSampled :

C0BN4

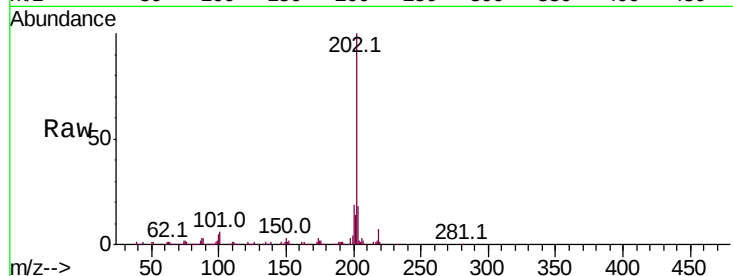
Tot Ion:202 Resp: 117615

Ion Ratio Lower Upper

202 100

101 6.4 4.9 7.3

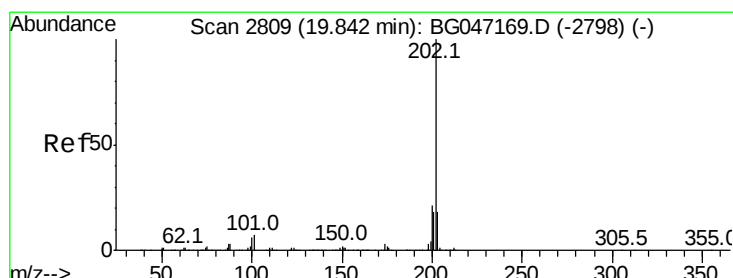
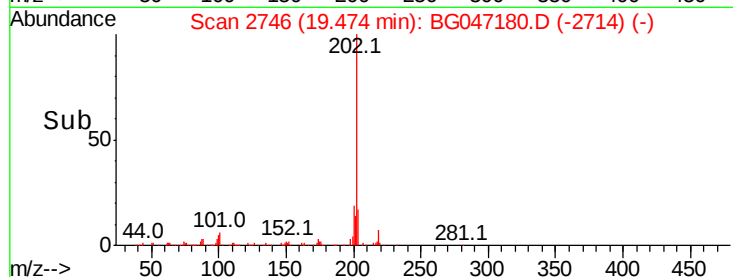
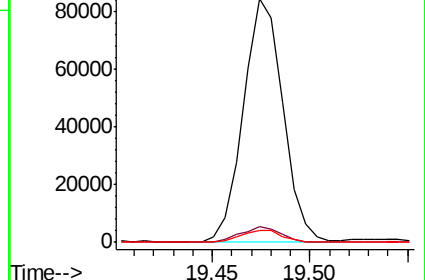
100 5.1 4.2 6.4



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: 3.870 ng/ul

RT: 19.84 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG047180.D

Acq: 31 Oct 2020 8:23

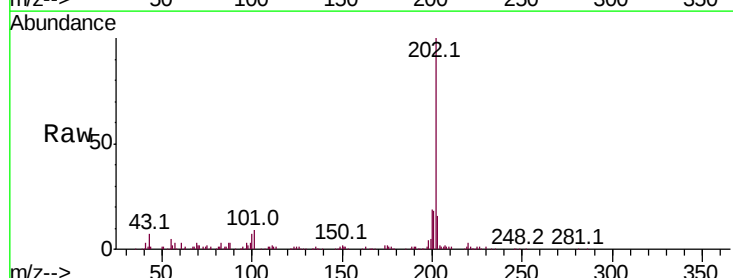
Tgt Ion:202 Resp: 107451

Ion Ratio Lower Upper

202 100

101 9.4 5.8 8.6#

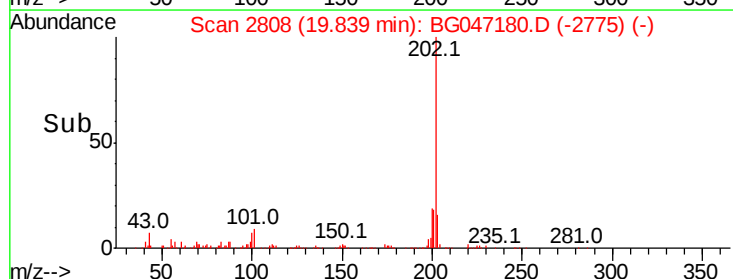
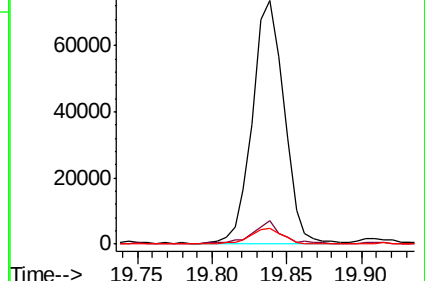
100 6.7 5.0 7.4

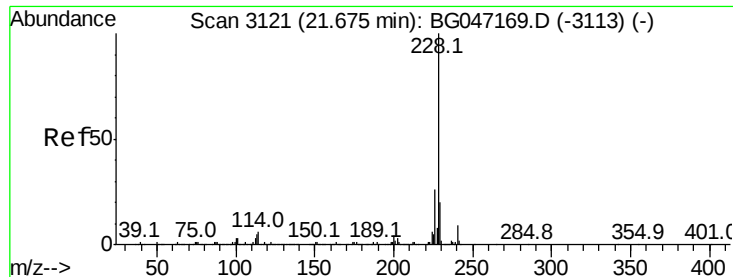


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

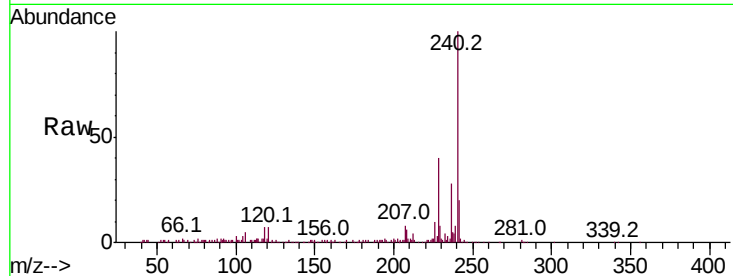




#83
Benzo(a)anthracene
Concen: 1.878 ng/ul
RT: 21.68 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BG047180.D
Acq: 31 Oct 2020 8:23

Instrument :
BNA_G
ClientSampleId :
C0BN4

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.0	24.0
226	25.4	20.8	31.2

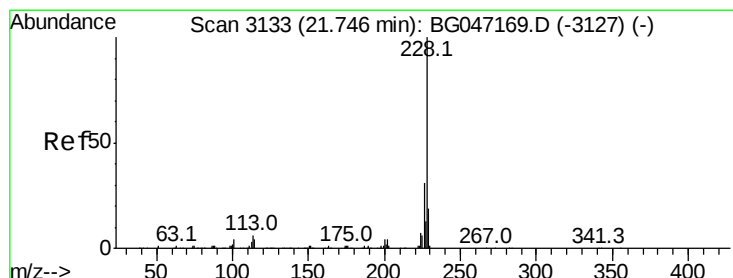
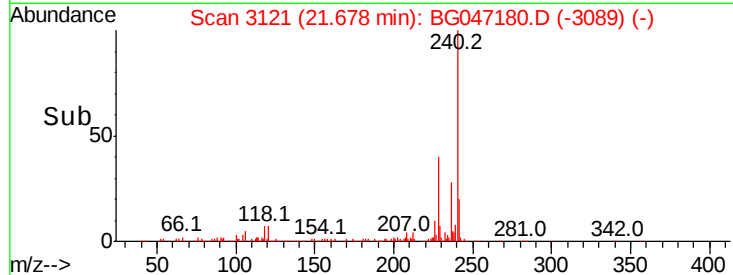
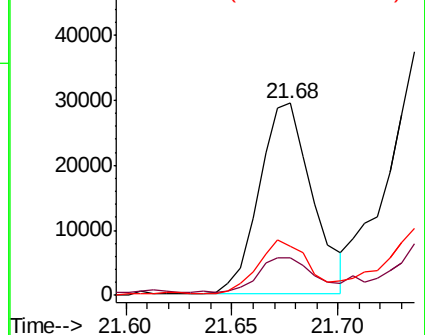


Abundance

Ion 228.00 (227.70 to 228.70): E

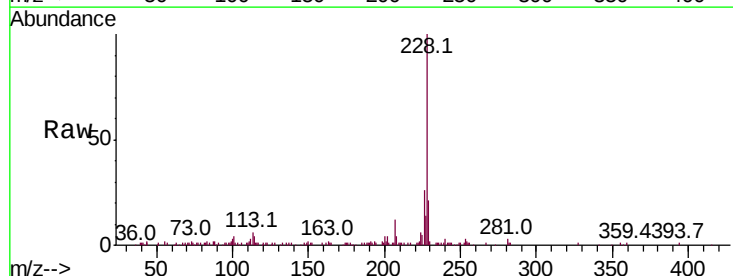
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#85
Chrysene
Concen: 2.786 ng/ul
RT: 21.74 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BG047180.D
Acq: 31 Oct 2020 8:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.8	34.2
229	20.9	16.2	24.2



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

