

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
 Data File : BG047067.D
 Acq On : 23 Oct 2020 15:53
 Operator : CG/JU
 Sample : L4365-05
 Misc : GCMS CONFIRMATION
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEQD1

Quant Time: Oct 23 16:29:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 22 05:48:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	68420	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	262660	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	179893	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	388725	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	395497	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	412860	20.00	ng/ul	0.00

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	0.00	131	0d	0.00	ng/ul	
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	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

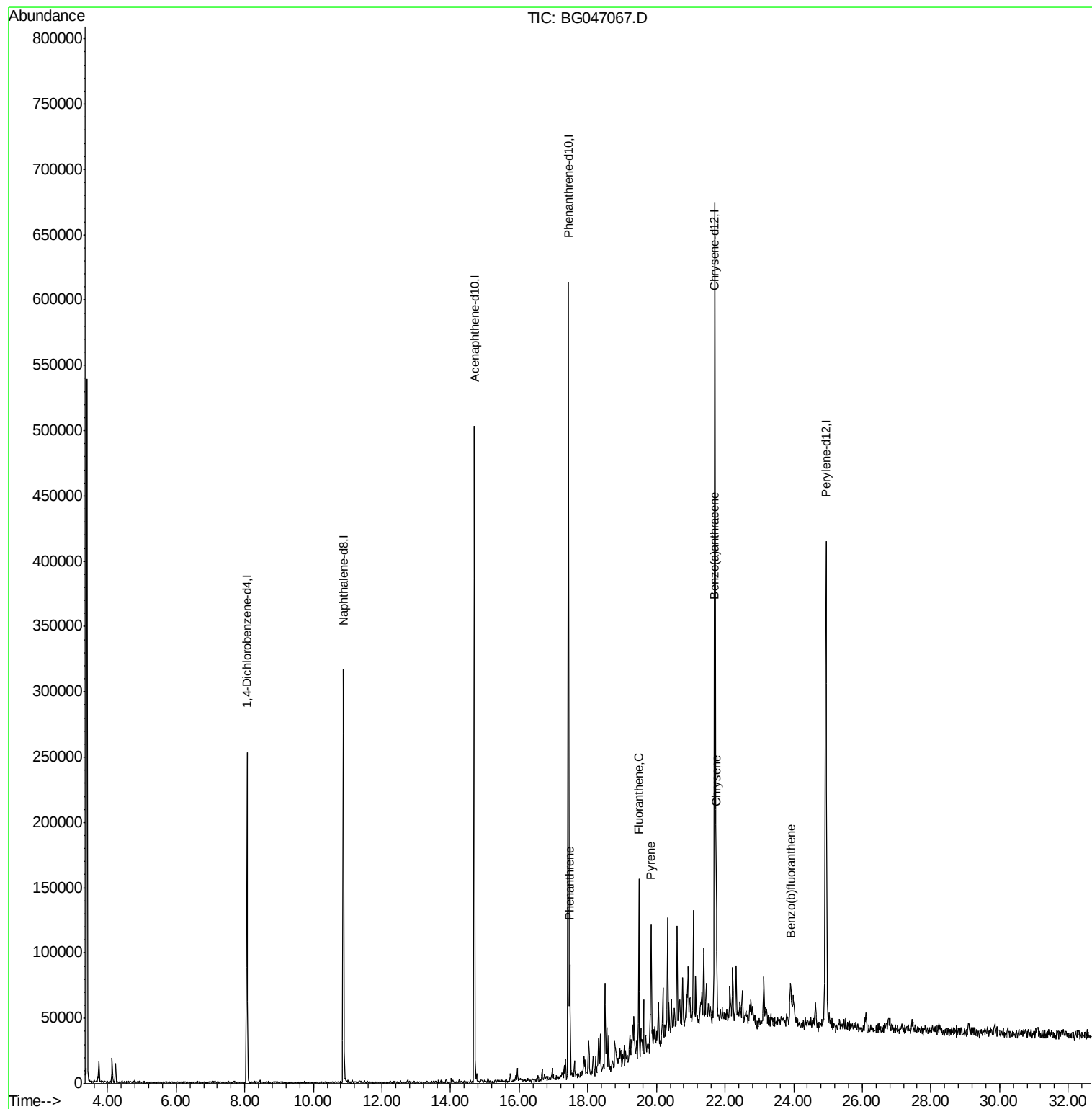
				Ovalue	
70) Phenanthrene	17.47	178	53358	2.447 ng/ul	97
77) Fluoranthene	19.48	202	85524	3.259 ng/ul#	98
80) Pyrene	19.84	202	62675	2.316 ng/ul	97
83) Benzo(a)anthracene	21.68	228	42193	1.575 ng/ul	98
85) Chrysene	21.75	228	49743	1.930 ng/ul	98
88) Benzo(b)fluoranthene	23.91	252	37502	1.367 ng/ul#	96

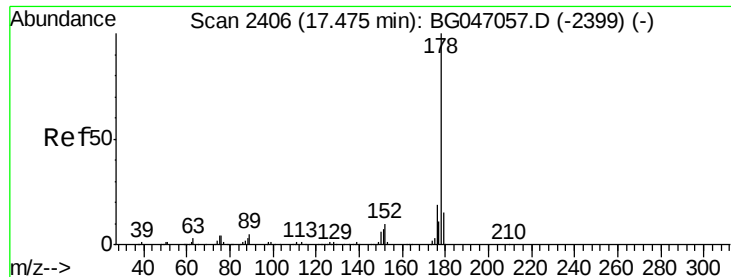
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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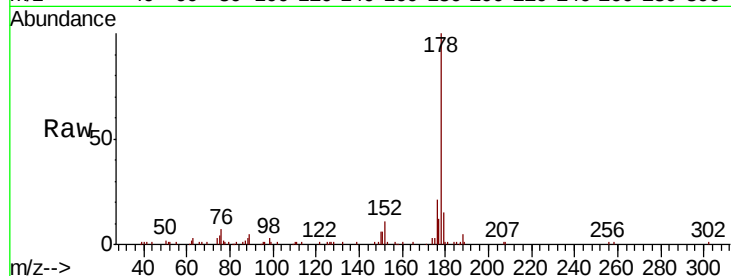




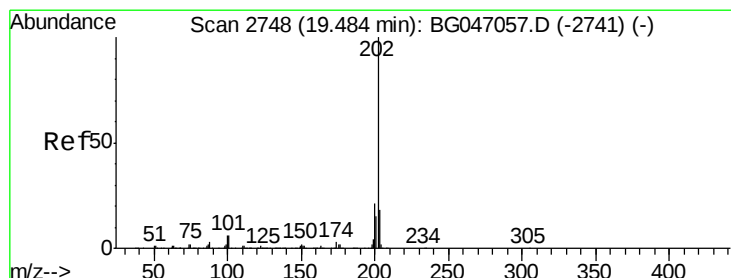
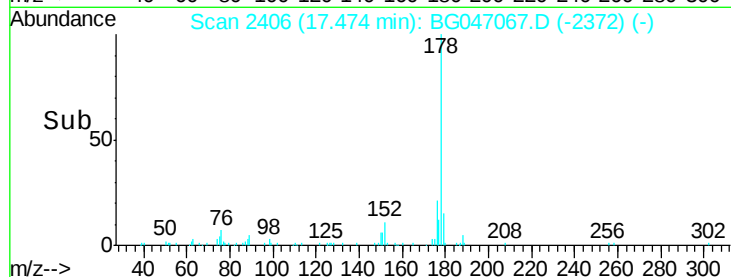
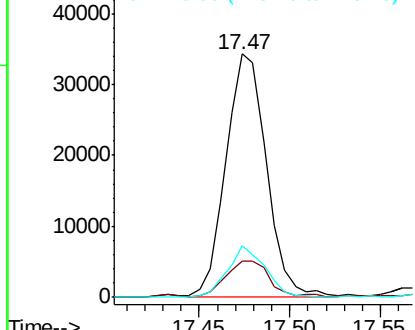
#70
Phenanthrene
Concen: 2.447 ng/ul
RT: 17.47 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG047067.D
Acq: 23 Oct 2020 15:53

Instrument :
BNA_G
ClientSampleId :
BEQD1

Tot Ion:178 Resp: 53358
Ion Ratio Lower Upper
178 100
179 15.1 13.0 19.4
176 21.0 15.5 23.3

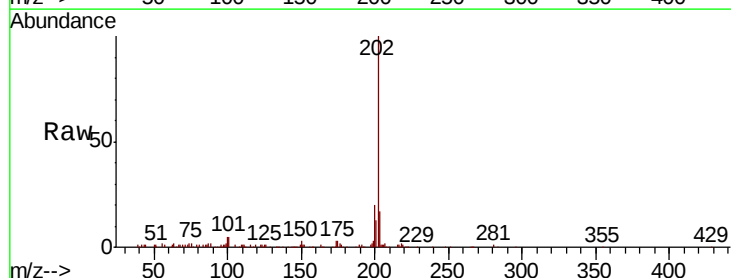


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

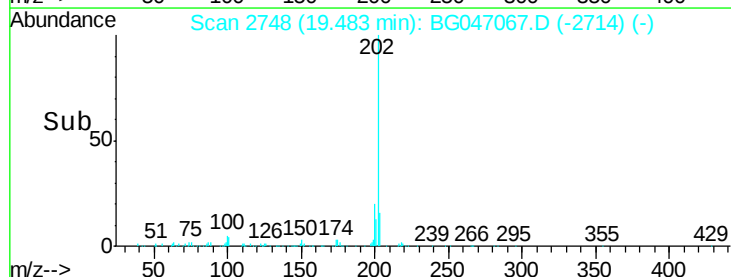
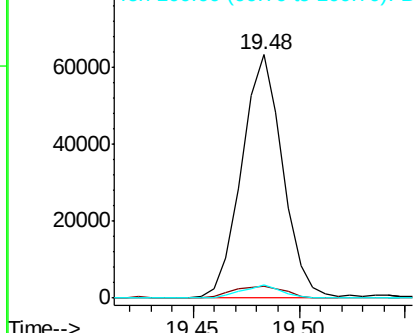


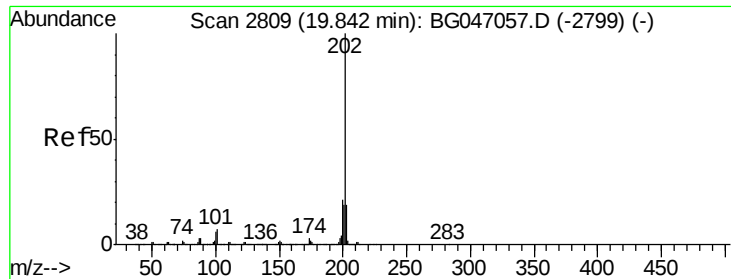
#77
Fluoranthene
Concen: 3.259 ng/ul
RT: 19.48 min Scan# 2748
Delta R.T. -0.00 min
Lab File: BG047067.D
Acq: 23 Oct 2020 15:53

Tgt Ion:202 Resp: 85524
Ion Ratio Lower Upper
202 100
101 4.7 4.9 7.3#
100 5.2 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

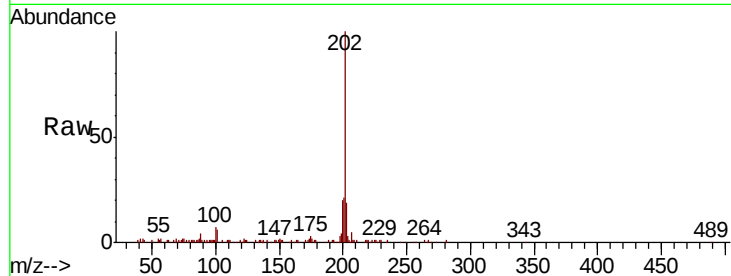




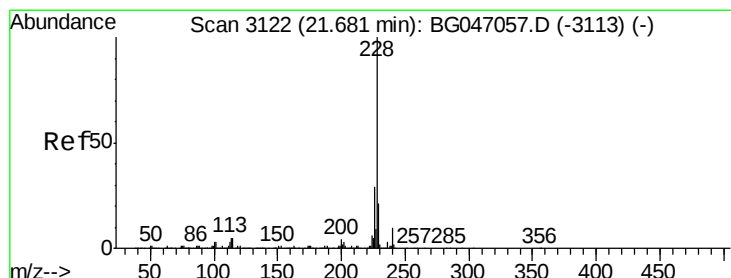
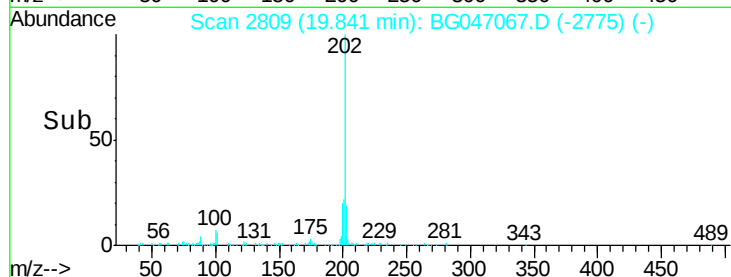
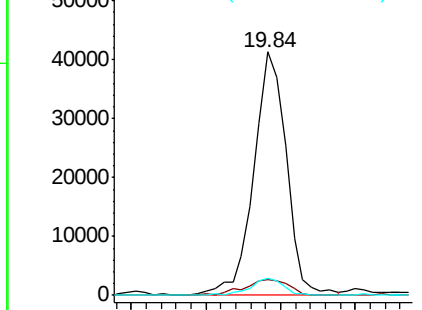
#80
Pvrene
Concen: 2.316 ng/ul
RT: 19.84 min Scan# 2809
Delta R.T. -0.00 min
Lab File: BG047067.D
Acq: 23 Oct 2020 15:53

Instrument :
BNA_G
ClientSampled :
BEQD1

Tot Ion	Ratio	Lower	Upper
202	100		
101	6.3	5.8	8.6
100	7.3	5.0	7.4

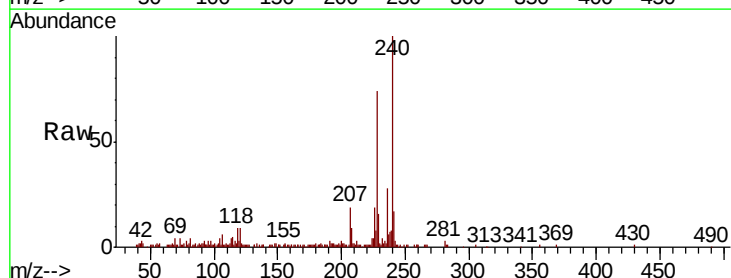


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E

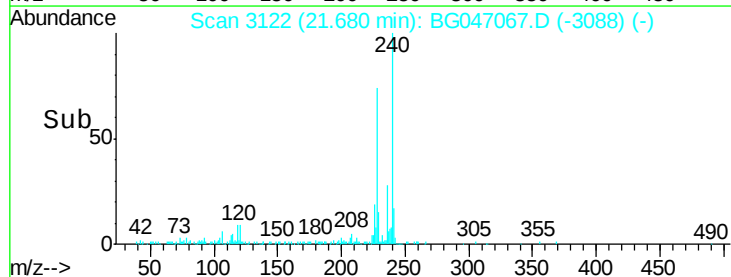
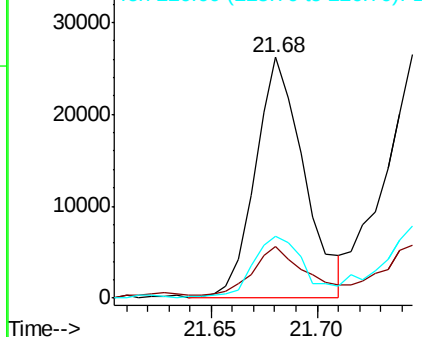


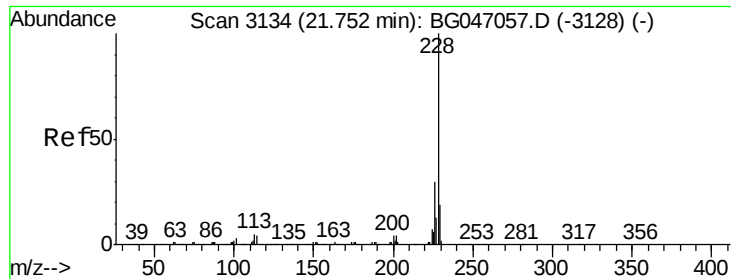
#83
Benzo(a)anthracene
Concen: 1.575 ng/ul
RT: 21.68 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BG047067.D
Acq: 23 Oct 2020 15:53

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.0	24.0
226	25.6	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: 1.930 ng/ul

RT: 21.75 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG047067.D

Acq: 23 Oct 2020 15:53

Instrument :

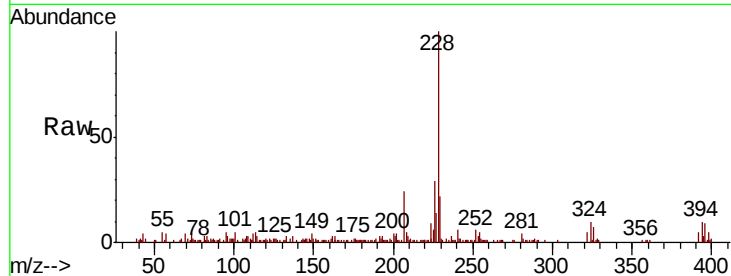
BNA_G

ClientSampleId :

BEQD1

Tot Ion:228 Resp: 49743

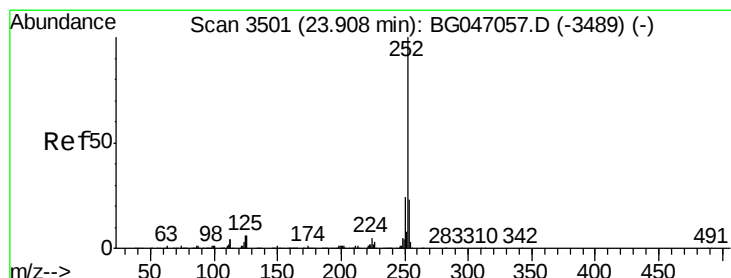
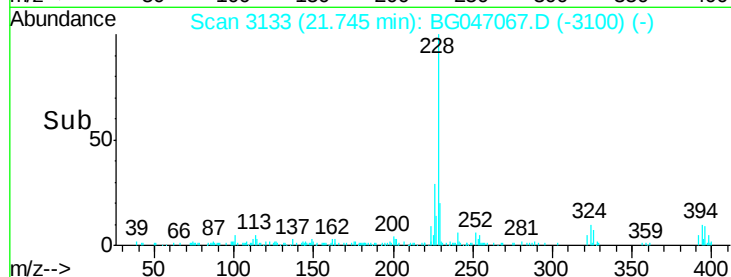
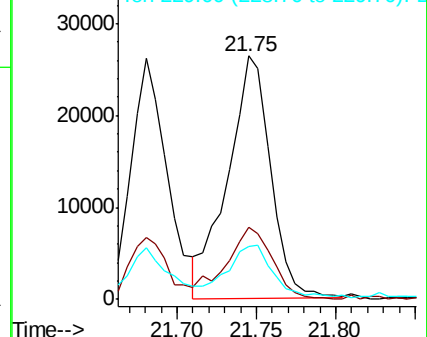
Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.8	34.2
229	21.8	16.2	24.2



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



#88

Benzo(b)fluoranthene

Concen: 1.367 ng/ul

RT: 23.91 min Scan# 3501

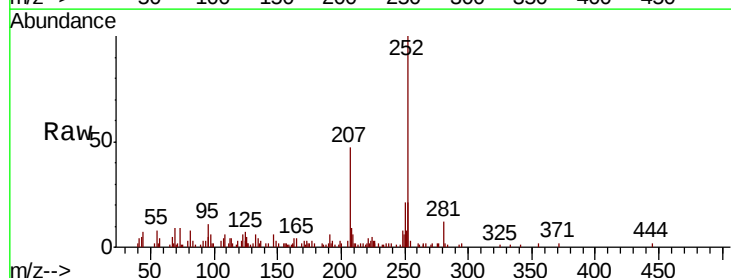
Delta R.T. -0.00 min

Lab File: BG047067.D

Acq: 23 Oct 2020 15:53

Tgt Ion:252 Resp: 37502

Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.4	27.6
125	6.8	4.2	6.4#



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

