

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
 Data File : BG047047.D
 Acq On : 23 Oct 2020 1:48
 Operator : CG/JU
 Sample : L4449-04
 Misc : GCMS CONFIRMATION
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AD7

Quant Time: Oct 23 04:16:25 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	58639	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	215371	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	143740	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	301683	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	310899	20.00	ng/ul	0.00
86) Perylene-d12	24.93	264	340430	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	0	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	15.70	176	83	0.01	ng/ul	0.03
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.43	188	301683	20.63	ng/ul	-0.10
79) Pyrene-d10	0.00	212	0	0.00	ng/ul	
90) Benzo(a)pyrene-d12	24.72	264	133	0.01	ng/ul	0.00

Target Compounds

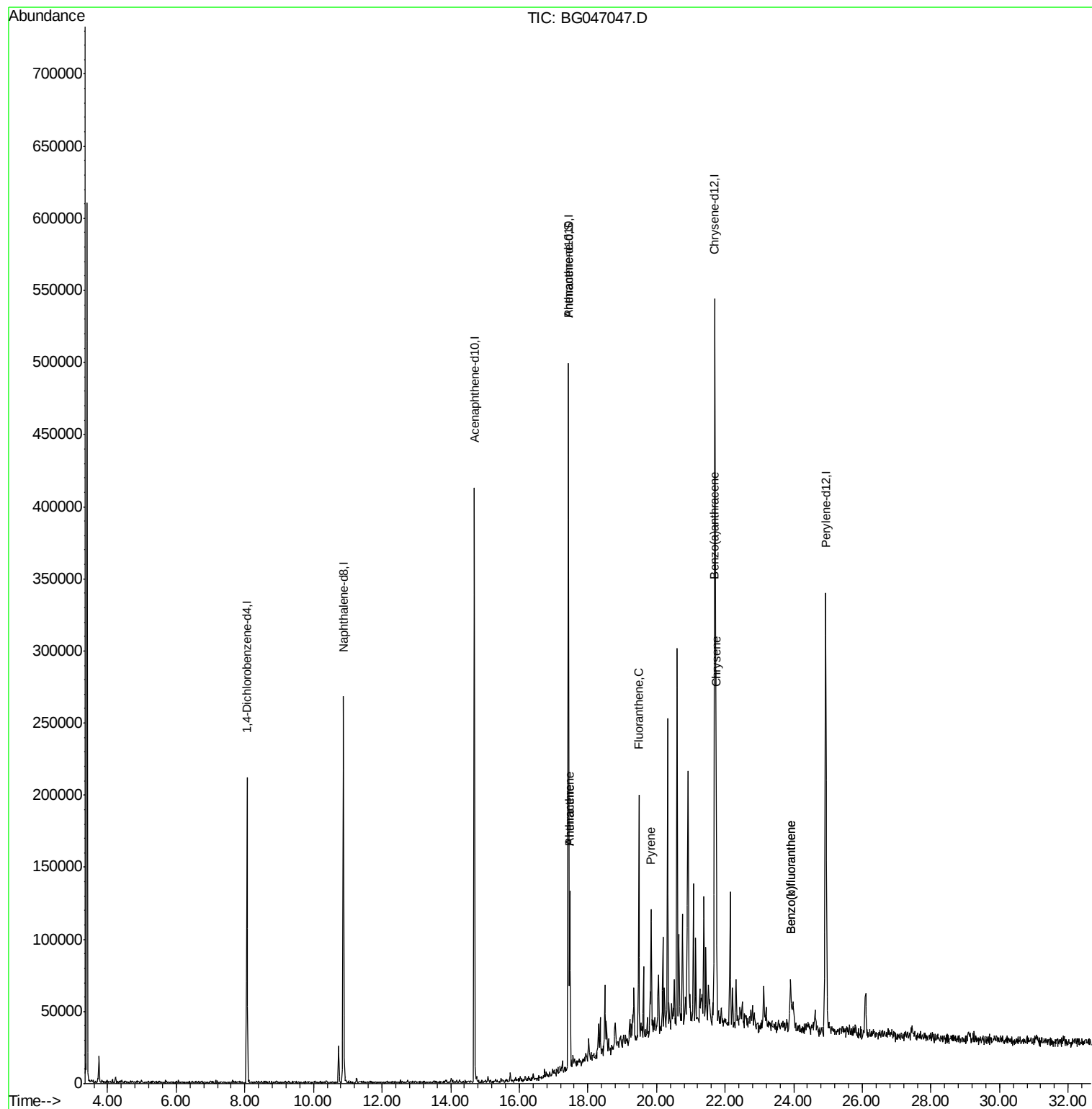
					Ovalue
70) Phenanthrene	17.47	178	75218	4.445 ng/ul	97
72) Anthracene	17.47	178	75253	4.426 ng/ul	96
77) Fluoranthene	19.48	202	110150	5.409 ng/ul	99
80) Pyrene	19.84	202	57232	2.690 ng/ul#	96
83) Benzo(a)anthracene	21.68	228	46229	2.195 ng/ul	98
85) Chrysene	21.74	228	54244	2.677 ng/ul	93
88) Benzo(b)fluoranthene	23.91	252	39458	1.745 ng/ul	97
89) Benzo(k)fluoranthene	23.91	252	39458	1.801 ng/ul	99

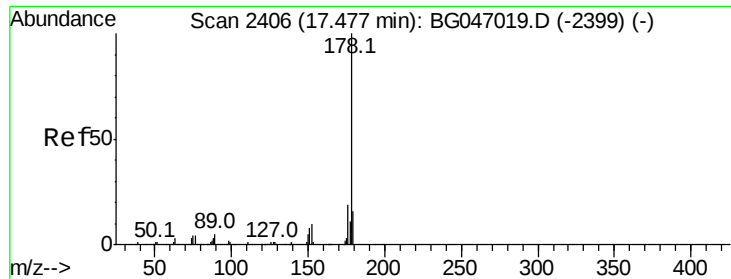
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 4.445 ng/ul

RT: 17.47 min Scan# 2406

Delta R.T. -0.00 min

Lab File: BG047047.D

Acq: 23 Oct 2020 1:48

Instrument :

BNA_G

ClientSampleId :

C0AD7

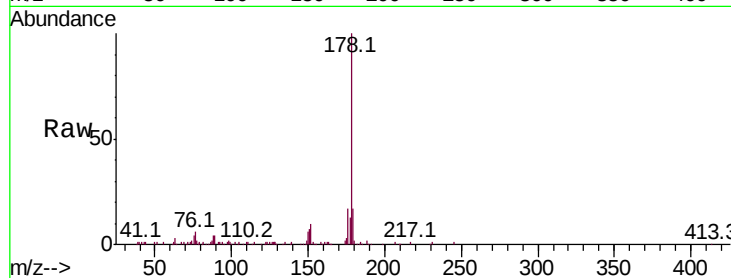
Tot Ion:178 Resp: 75218

Ion Ratio Lower Upper

178 100

179 17.2 13.0 19.4

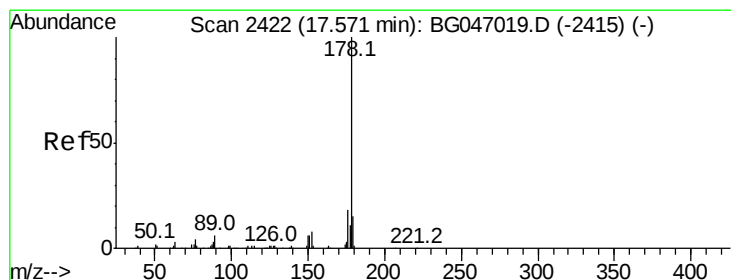
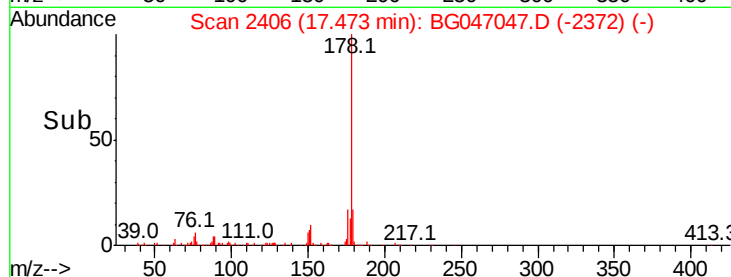
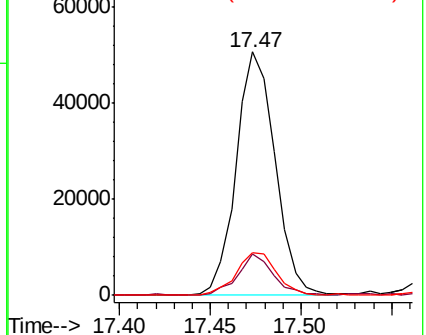
176 17.4 15.5 23.3



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: 4.426 ng/ul

RT: 17.47 min Scan# 2406

Delta R.T. -0.10 min

Lab File: BG047047.D

Acq: 23 Oct 2020 1:48

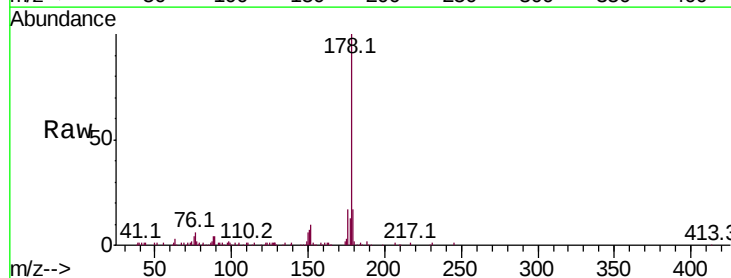
Tgt Ion:178 Resp: 75253

Ion Ratio Lower Upper

178 100

179 17.2 11.8 17.6

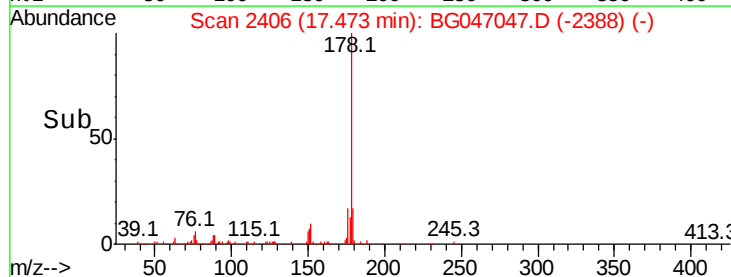
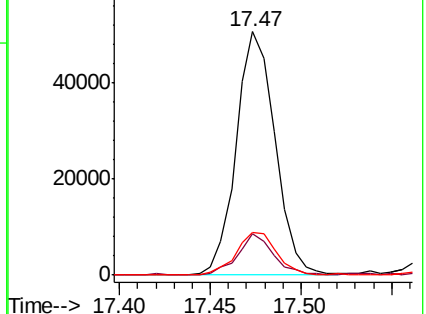
176 17.4 14.7 22.1

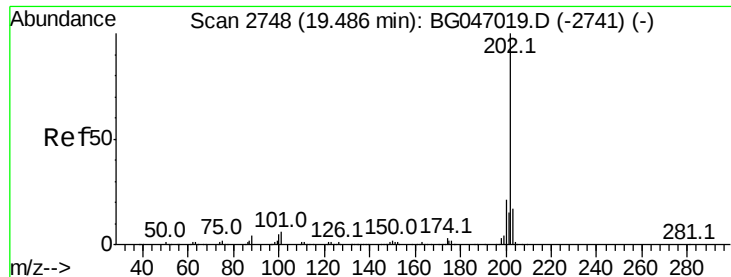


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77

Fluoranthene

Concen: 5.409 ng/ul

RT: 19.48 min Scan# 2748

Delta R.T. -0.00 min

Lab File: BG047047.D

Acq: 23 Oct 2020 1:48

Instrument :

BNA_G

ClientSampleId :

C0AD7

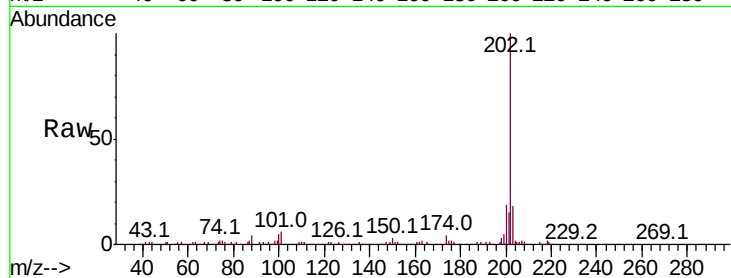
Tot Ion:202 Resp: 110150

Ion Ratio Lower Upper

202 100

101 6.3 4.9 7.3

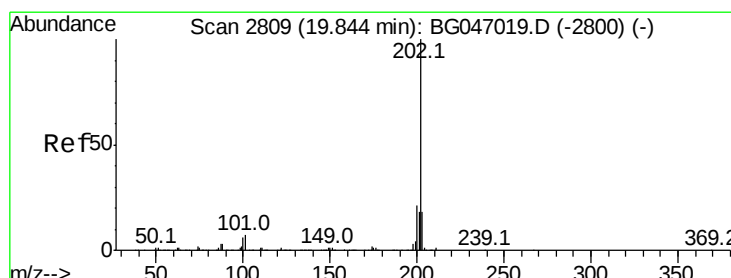
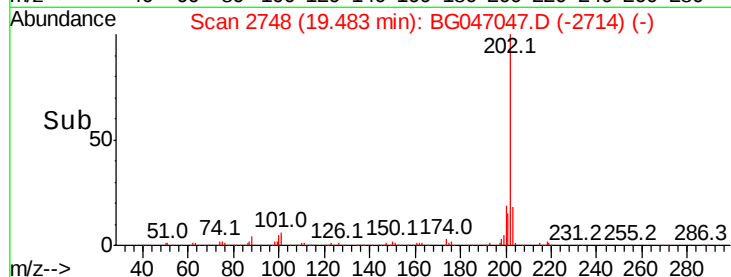
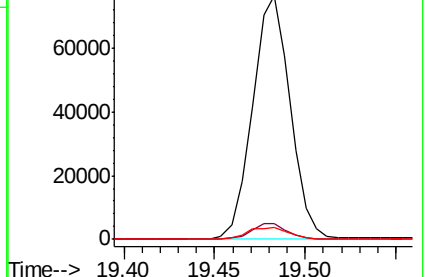
100 4.7 4.2 6.4



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: 2.690 ng/ul

RT: 19.84 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BG047047.D

Acq: 23 Oct 2020 1:48

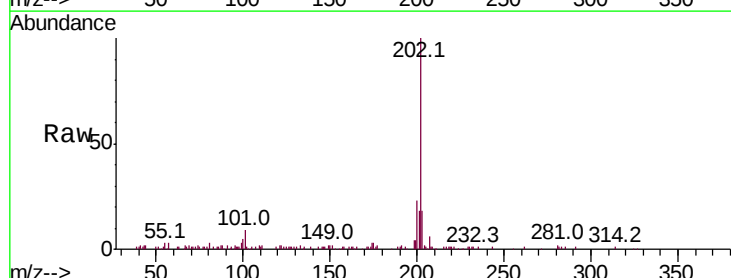
Tgt Ion:202 Resp: 57232

Ion Ratio Lower Upper

202 100

101 9.0 5.8 8.6#

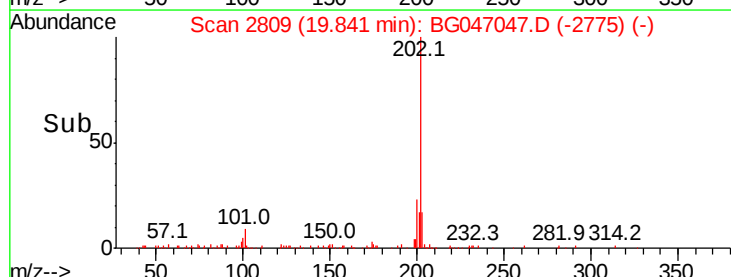
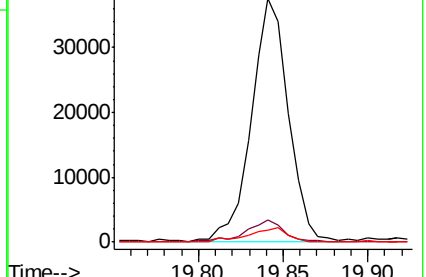
100 5.0 5.0 7.4#

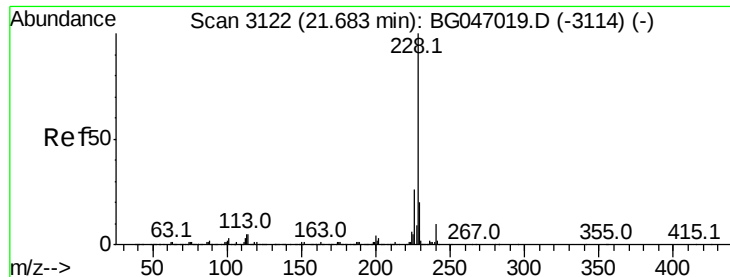


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

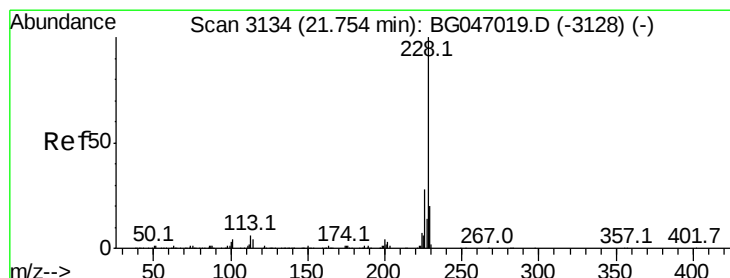
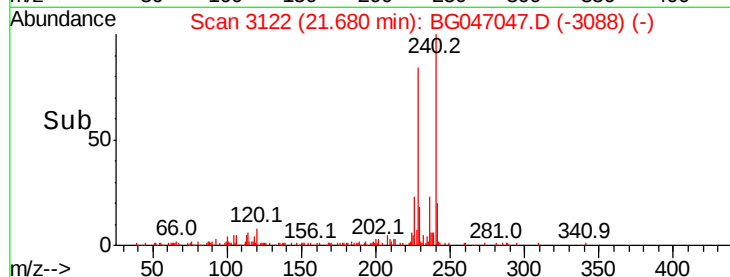
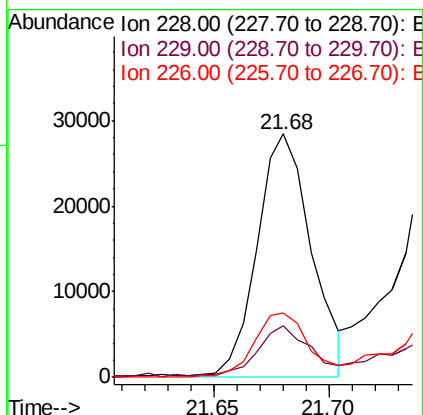
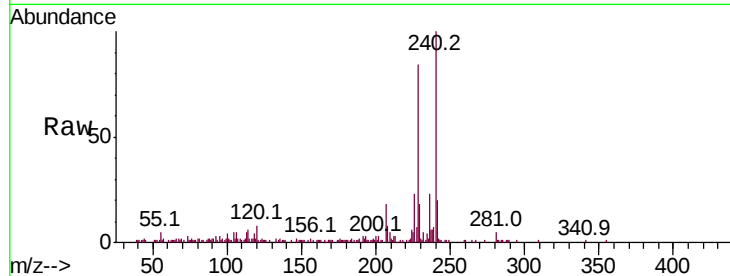




#83
Benzo(a)anthracene
Concen: 2.195 ng/ul
RT: 21.68 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BG047047.D
Acq: 23 Oct 2020 1:48

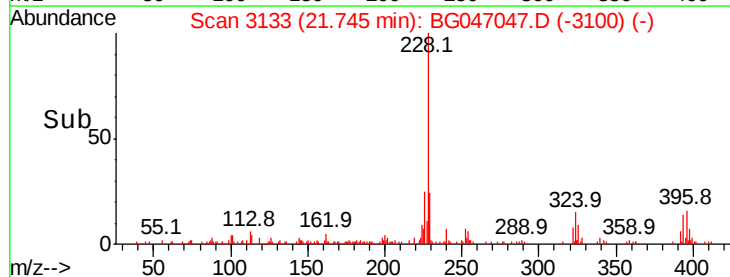
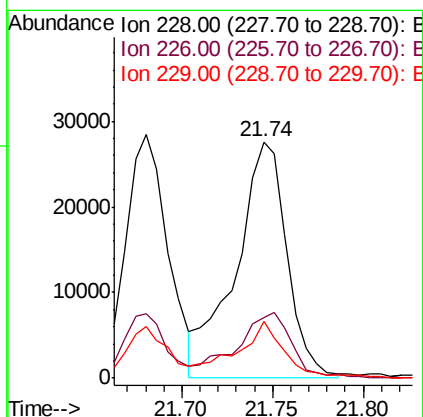
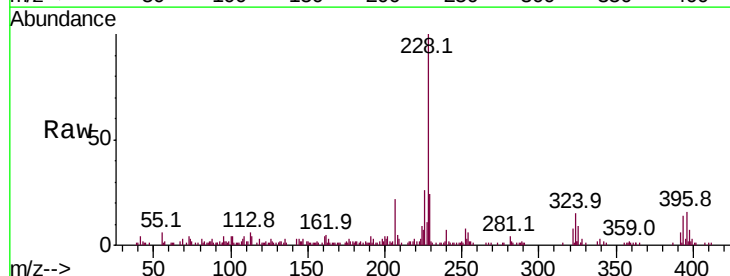
Instrument :
BNA_G
ClientSampleId :
C0AD7

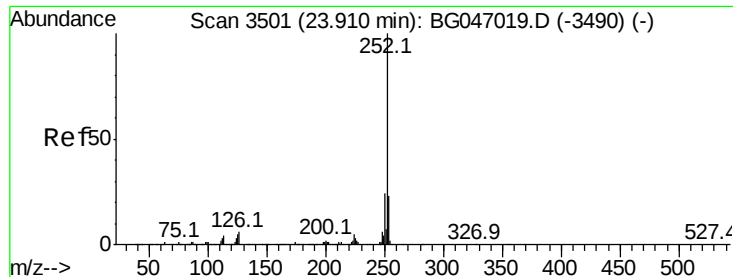
Tot Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.0	24.0
226	26.7	20.8	31.2



#85
Chrysene
Concen: 2.677 ng/ul
RT: 21.74 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG047047.D
Acq: 23 Oct 2020 1:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.5	22.8	34.2
229	23.9	16.2	24.2





#88

Benzo(b)fluoranthene

Concen: 1.745 ng/ul

RT: 23.91 min Scan# 3501

Delta R.T. -0.00 min

Lab File: BG047047.D

Acq: 23 Oct 2020 1:48

Instrument :

BNA_G

ClientSampleId :

C0AD7

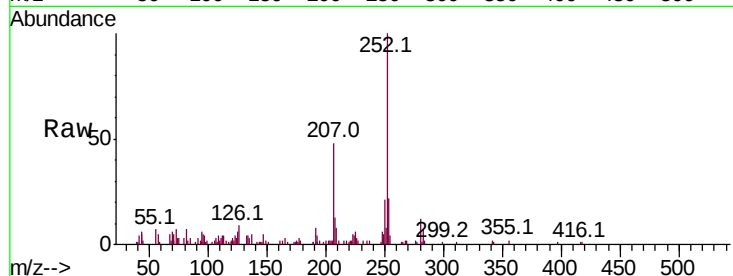
Tot Ion:252 Resp: 39458

Ion Ratio Lower Upper

252 100

253 21.6 18.4 27.6

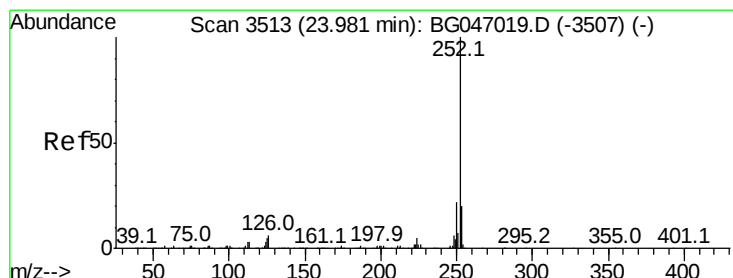
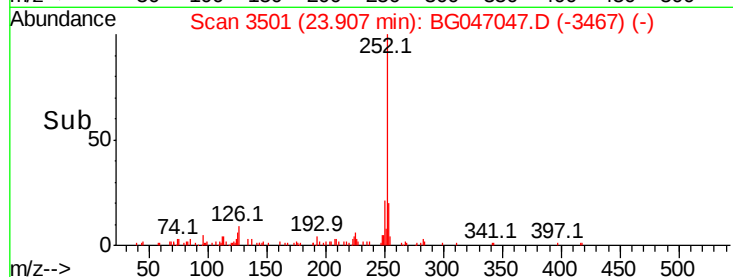
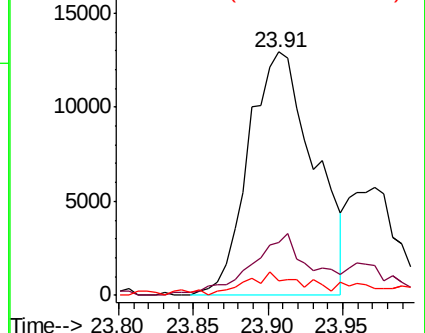
125 5.9 4.2 6.4



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



#89

Benzo(k)fluoranthene

Concen: 1.801 ng/ul

RT: 23.91 min Scan# 3501

Delta R.T. -0.07 min

Lab File: BG047047.D

Acq: 23 Oct 2020 1:48

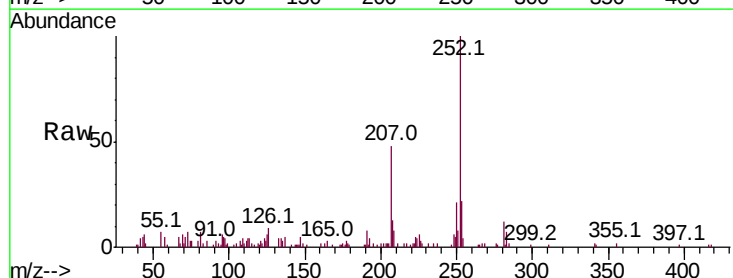
Tgt Ion:252 Resp: 39458

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

125 5.9 4.2 6.2



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

