

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102020\
 Data File : BG047004.D
 Acq On : 20 Oct 2020 19:07
 Operator : CG/JU
 Sample : L4402-02
 Misc : GCMS CONFIRMATION
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB4

Quant Time: Oct 21 00:15:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 21 00:09:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	52561	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	188476	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	129712	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	285955	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	311094	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	317643	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	10.89	131	290	0.07	ng/ul	-0.12
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	17.44	188	285955	20.65	ng/ul	-0.10
79) Pyrene-d10	0.00	212	0	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0	0.00	ng/ul	

Target Compounds

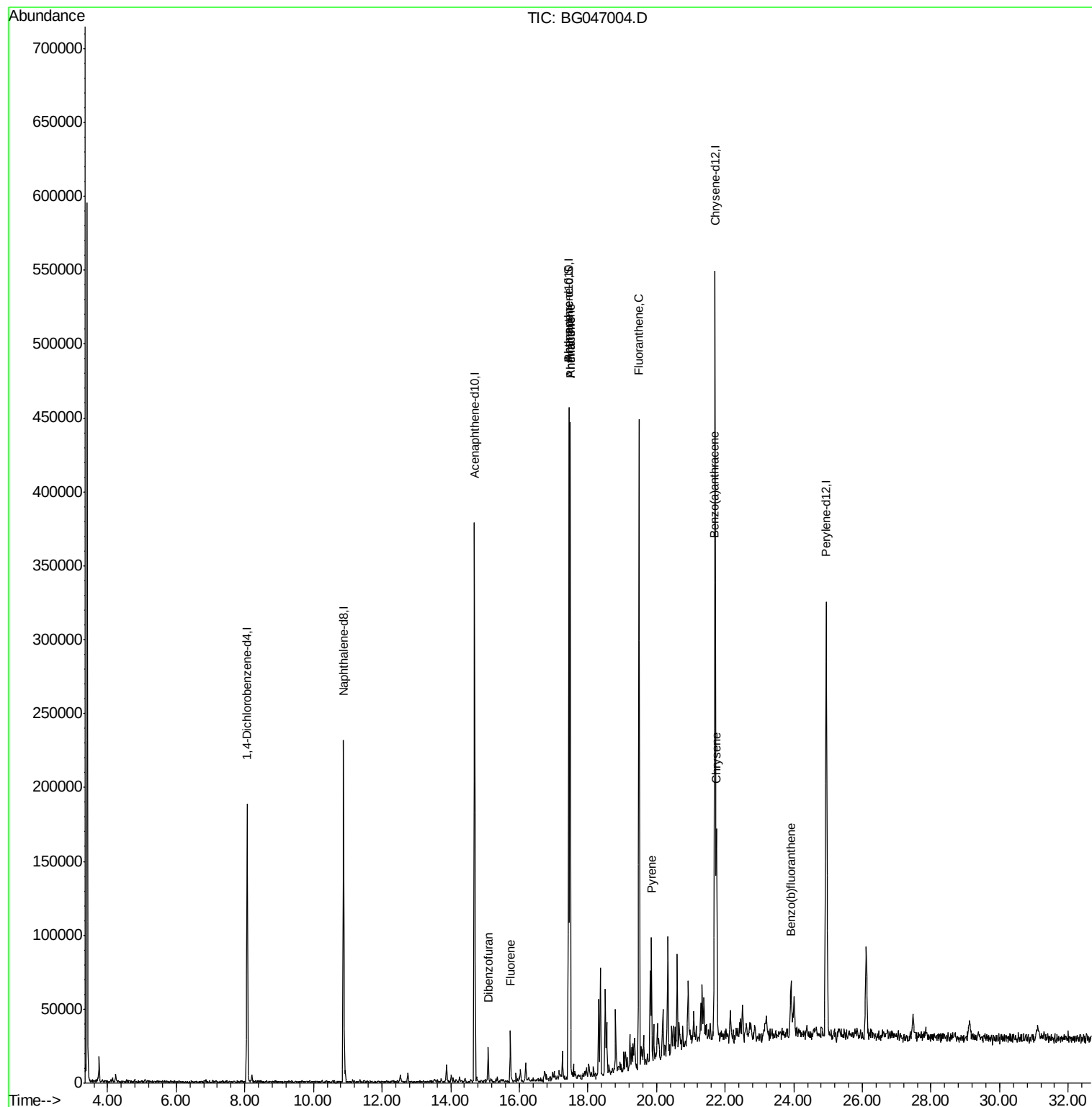
					Ovalue	
54) Dibenzofuran	15.09	168	14621	1.130	ng/ul	99
59) Fluorene	15.74	166	15561	1.466	ng/ul	98
70) Phenanthrene	17.48	178	288384	17.625	ng/ul	100
72) Anthracene	17.48	178	288384	17.448	ng/ul	97
77) Fluoranthene	19.48	202	289935	14.511	ng/ul	98
80) Pyrene	19.85	202	54577	2.592	ng/ul#	95
83) Benzo(a)anthracene	21.69	228	68550	3.193	ng/ul	97
85) Chrysene	21.75	228	96527	4.659	ng/ul	98
88) Benzo(b)fluoranthene	23.91	252	37576	1.705	ng/ul#	98

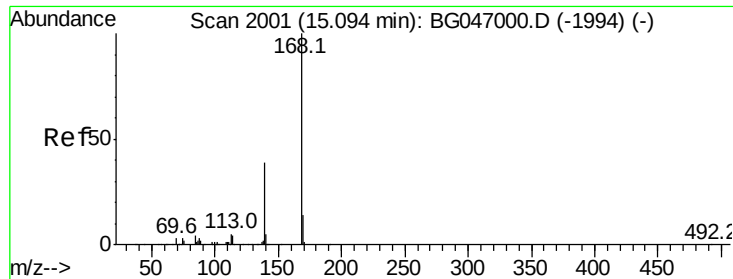
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#54

Dibenzenofuran

Concen: 1.130 ng/ul

RT: 15.09 Instrument:

Delta R.T. BNA_G

Lab File: ClientSampleId:

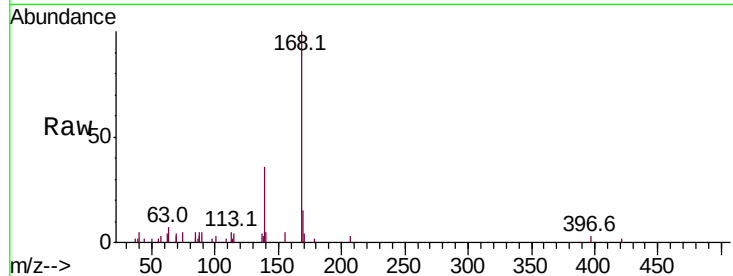
Acq: 20 Oct 2020 C0AB4

Tot Ion:168 Resp: 14621

Ion Ratio Lower Upper

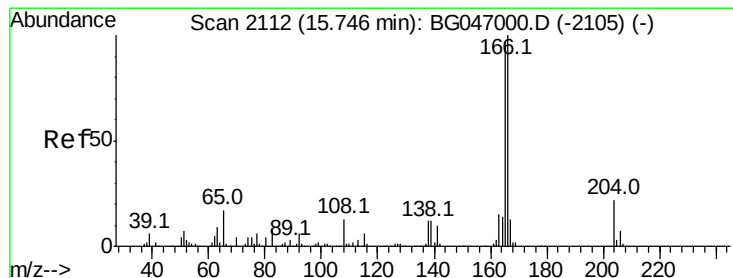
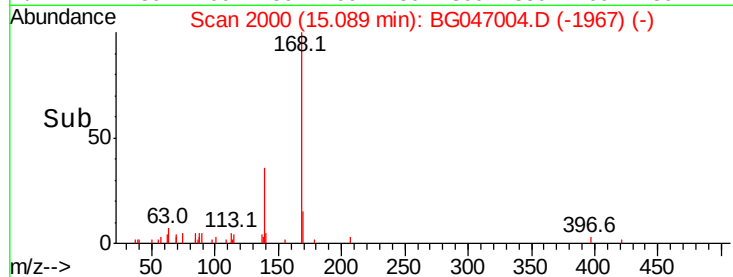
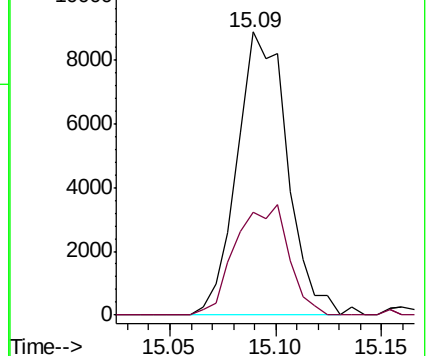
168 100

139 36.3 29.8 44.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 1.466 ng/ul

RT: 15.74 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BG047004.D

Acq: 20 Oct 2020 19:07

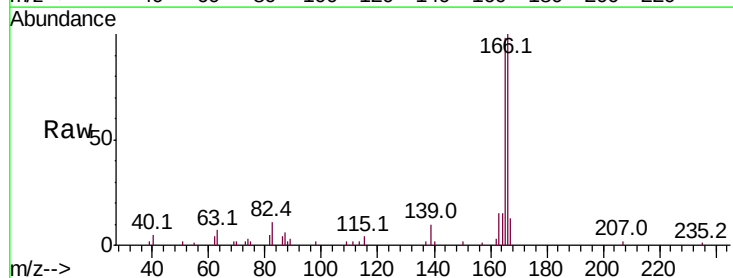
Tgt Ion:166 Resp: 15561

Ion Ratio Lower Upper

166 100

165 98.3 80.4 120.6

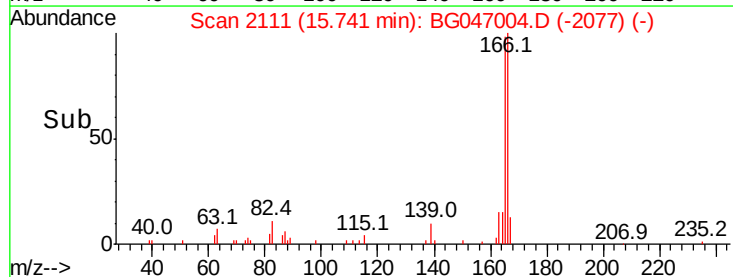
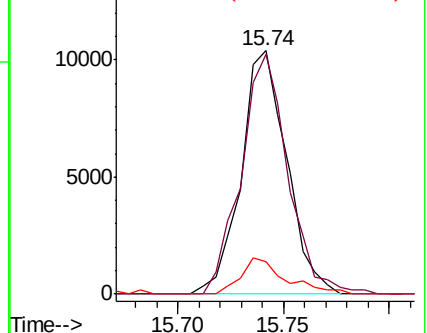
167 13.3 10.6 16.0

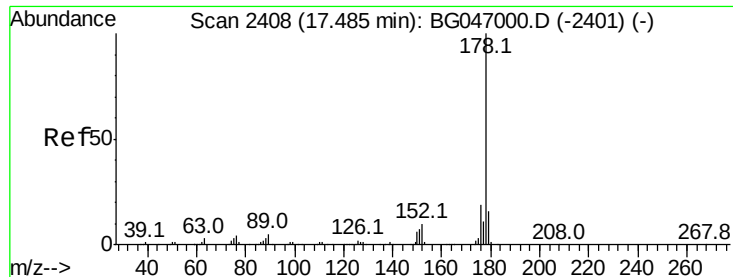


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 17.625 ng/ul

RT: 17.48

Delta R.T. BNA_G

Lab File: ClientSampleId:

Acq: 20 Oct 2020 19:07

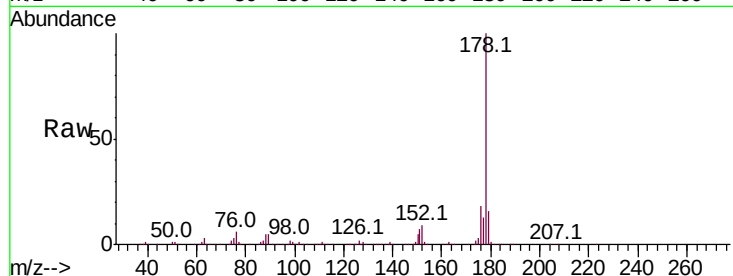
Tot Ion:178 Resp: 288384

Ion Ratio Lower Upper

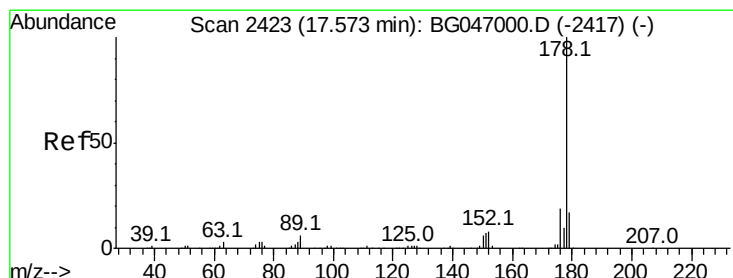
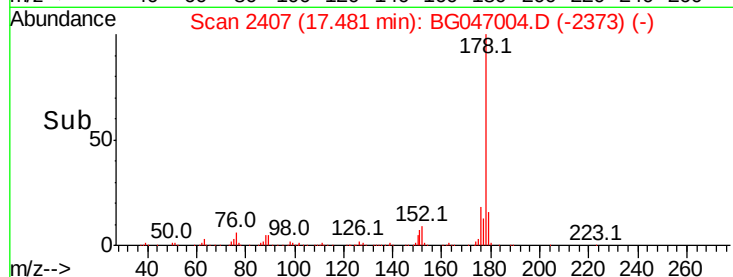
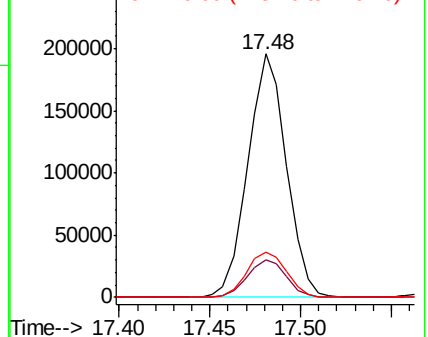
178 100

179 15.6 12.5 18.7

176 18.4 15.0 22.4



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: 17.448 ng/ul

RT: 17.48 min Scan# 2407

Delta R.T. -0.10 min

Lab File: BG047004.D

Acq: 20 Oct 2020 19:07

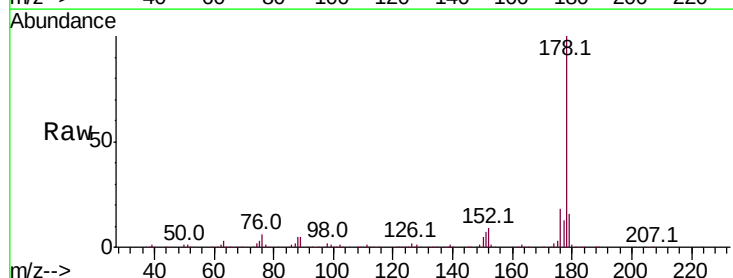
Tgt Ion:178 Resp: 288384

Ion Ratio Lower Upper

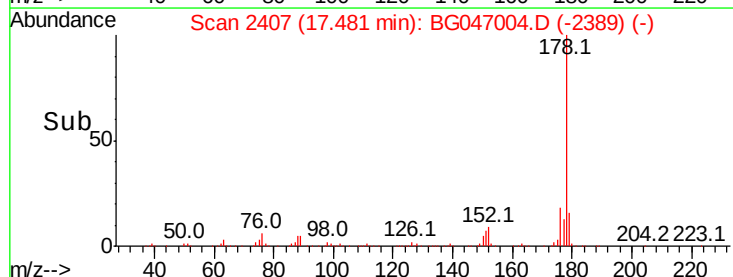
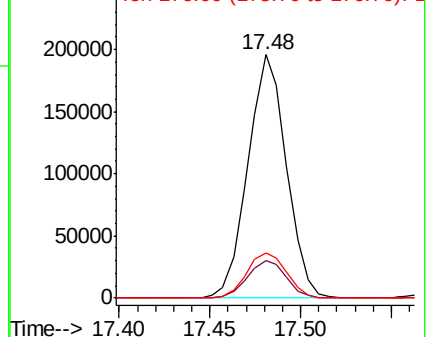
178 100

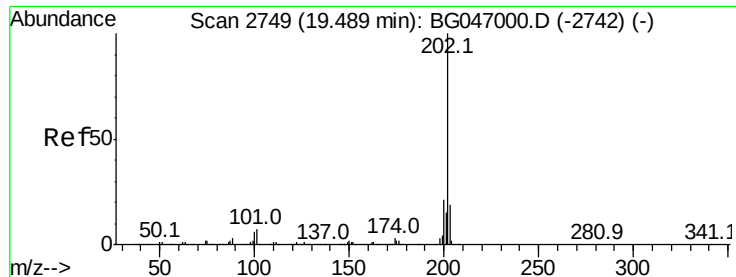
179 15.6 12.2 18.4

176 18.4 16.2 24.4



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: 14.511 ng/ul

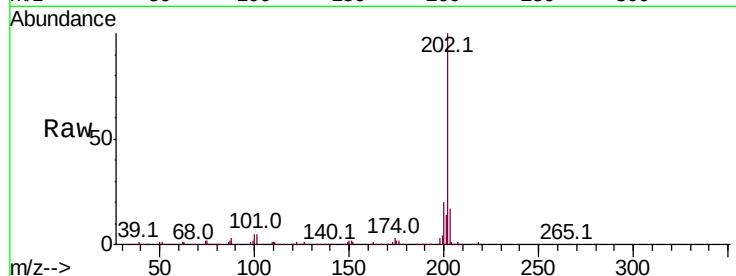
RT: 19.48 min

Delta R.T. BNA_G

Lab File: ClientSampleId:

Acq: 20 Oct 2020 19:07

Tot Ion:	202	Resp:	289935
Ion	Ratio	Lower	Upper
202	100		
101	5.0	4.9	7.3
100	5.5	4.6	6.8



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

19.48

250000

200000

150000

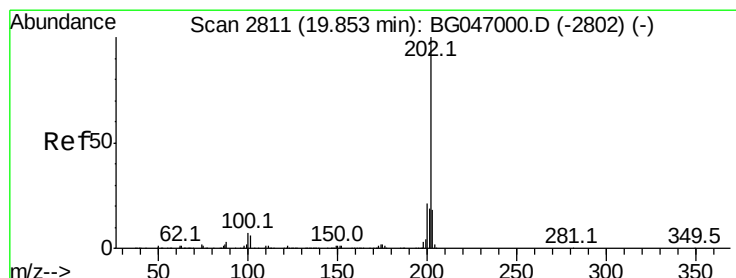
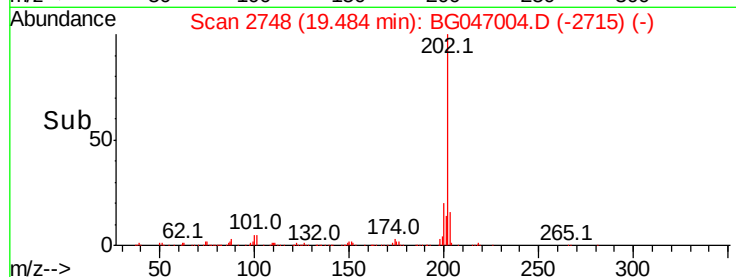
100000

50000

0

19.45 19.50 19.55

Time-->



#80

Pyrene

Concen: 2.592 ng/ul

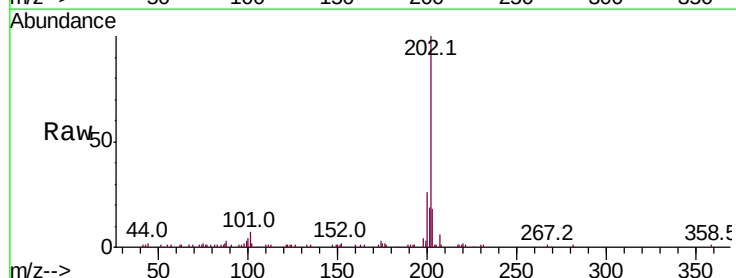
RT: 19.85 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG047004.D

Acq: 20 Oct 2020 19:07

Tgt Ion:	202	Resp:	54577
Ion	Ratio	Lower	Upper
202	100		
101	6.7	6.5	9.7
100	4.4	5.2	7.8#



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

19.85

50000

40000

30000

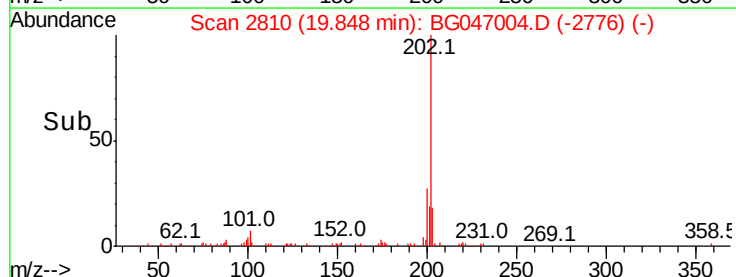
20000

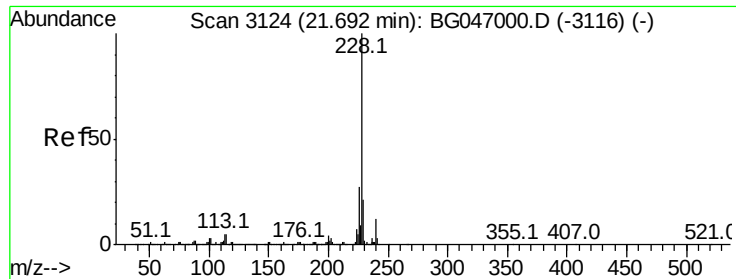
10000

0

19.80 19.85 19.90

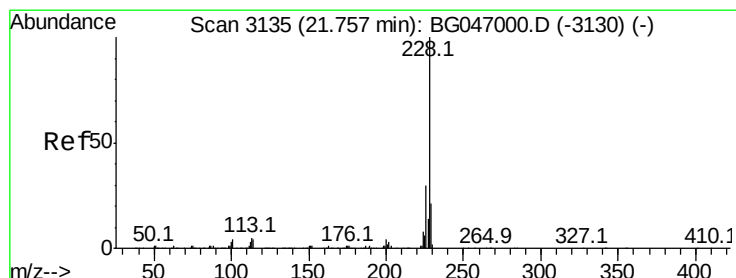
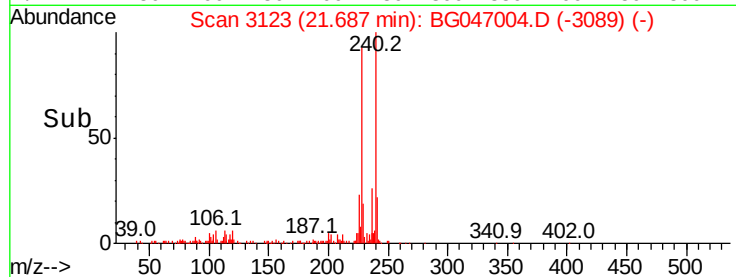
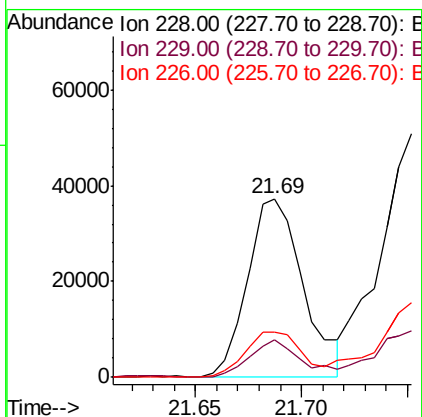
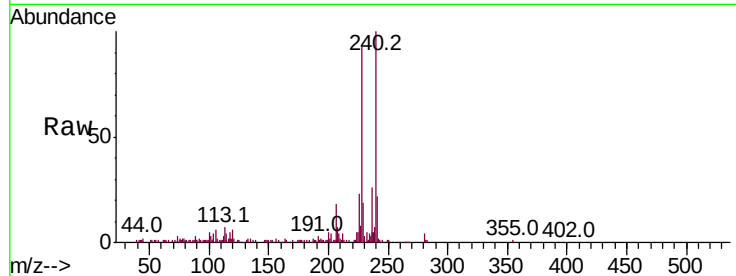
Time-->





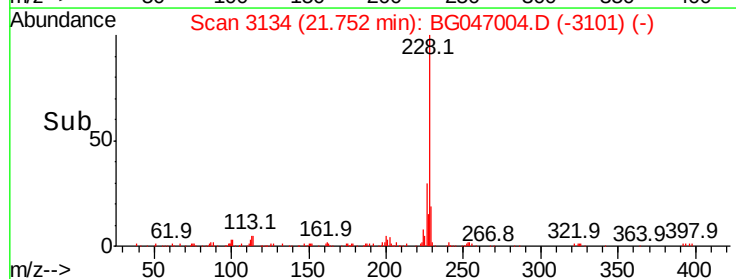
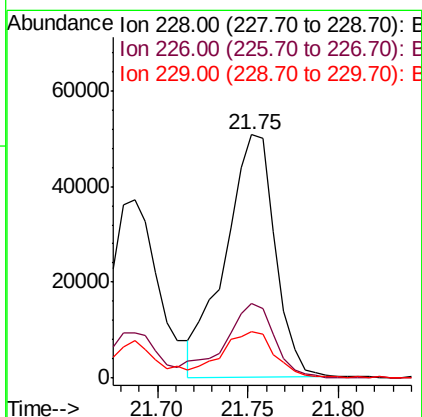
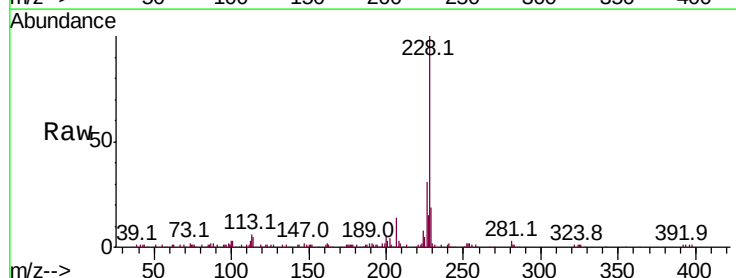
#83
 Benzo(a)anthracene
 Concen: 3.193 ng/ul
 RT: 21.69 min
 Delta R.T. BNA_G
 Lab File: ClientSampleId:
 C0AB4
 Acq: 20 Oct 2020 19:07

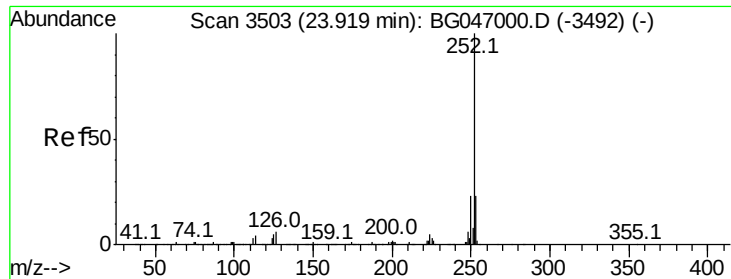
Tot Ion:228	Resp:	68550
Ion Ratio	Lower	Upper
228	100	
229	20.9	16.2 24.2
226	25.2	21.6 32.4



#85
 Chrysene
 Concen: 4.659 ng/ul
 RT: 21.75 min Scan# 3134
 Delta R.T. -0.01 min
 Lab File: BG047004.D
 Acq: 20 Oct 2020 19:07

Tgt Ion:228	Resp:	96527
Ion Ratio	Lower	Upper
228	100	
226	30.6	23.2 34.8
229	19.0	15.6 23.4





#88

Benzo(b)fluoranthene

Concen: 1.705 ng/ul

RT: 23.91

Delta R.T

Lab File: ClientSampleId :

COAB4

Acq: 20 Oct 2020 19:07

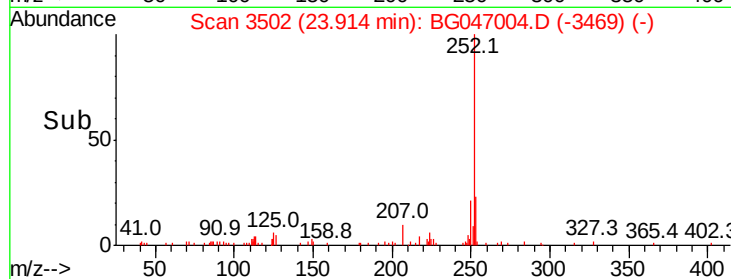
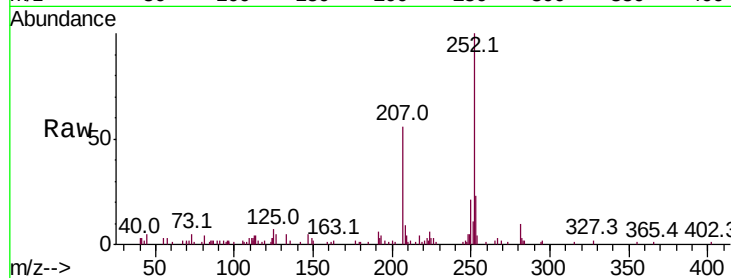
Tot Ion: 252 Resp: 37576

Ion Ratio Lower Upper

252 100

253 23.4 18.2 27.2

125 7.3 4.6 7.0#



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

