

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047429.D
 Acq On : 24 Nov 2020 2:26
 Operator : CG/JU
 Sample : L4749-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B18

Quant Time: Nov 24 03:15:12 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	40562	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	165400	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	117504	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	260669	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	227676	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	240197	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	968	0.87	ng/uL	0.00
5) Phenol-d5	7.41	99	43550	10.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	25060	10.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	34273	12.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	32101	10.27	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	16538	12.10	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	19158	12.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	44113	12.92	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	40740	11.80	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	134353	13.32	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	158032	13.56	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	16817	10.93	ng/ul	0.00
58) Fluorene-d10	15.87	176	119303	12.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	8493	5.72	ng/ul	0.00
71) Anthracene-d10	17.72	188	179200	13.86	ng/ul	0.00
79) Pyrene-d10	19.99	212	202293	15.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	196880	14.24	ng/ul	0.00

Target Compounds

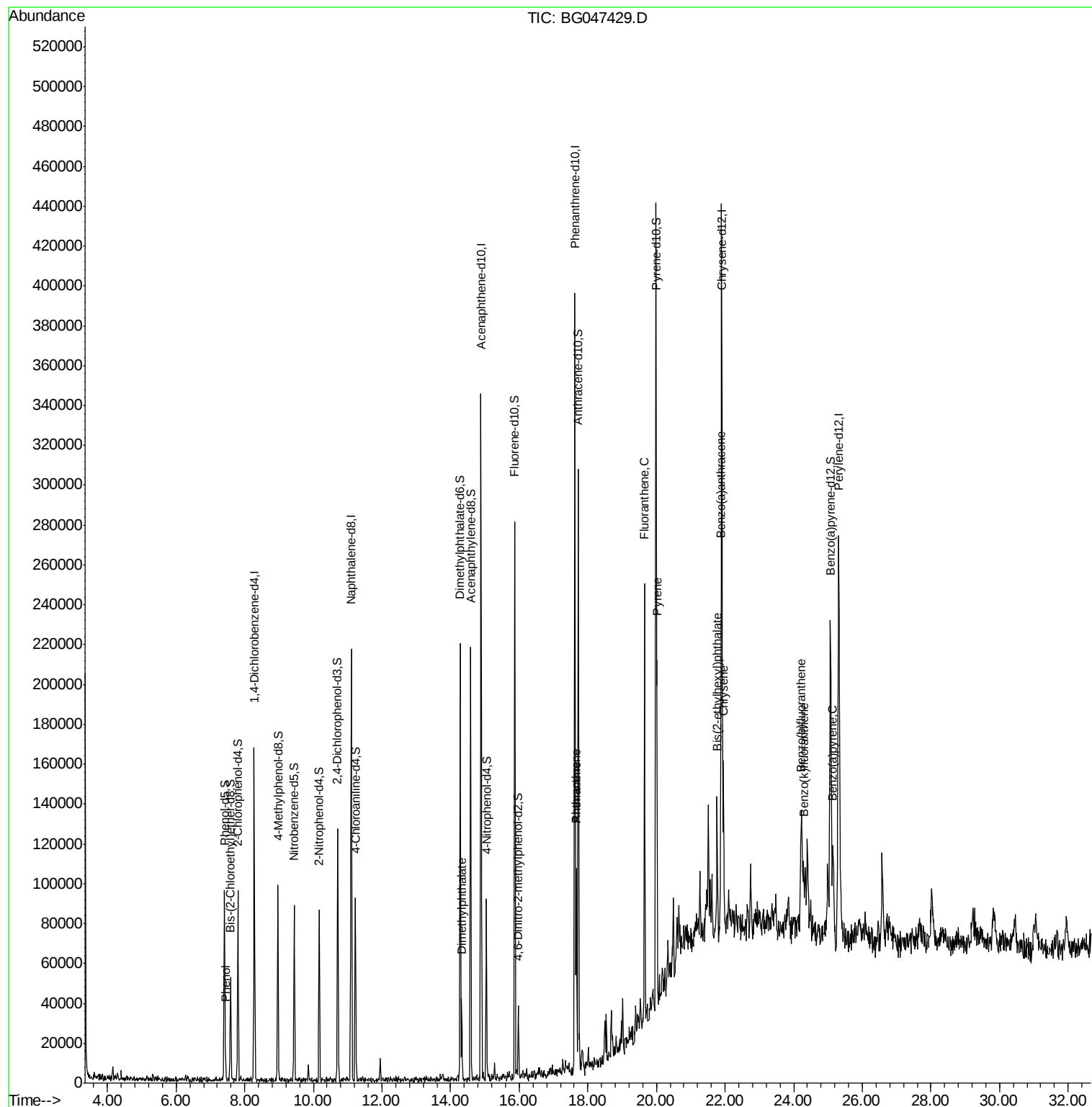
				Ovalue	
6) Phenol	7.44	94	7226	1.854	ng/ul# 72
45) Dimethylphthalate	14.33	163	23539	2.288	ng/ul# 94
70) Phenanthrene	17.67	178	62556	4.444	ng/ul 99
72) Anthracene	17.67	178	62556	4.413	ng/ul 97
77) Fluoranthene	19.65	202	137155	7.715	ng/ul# 98
80) Pyrene	20.01	202	113153	7.016	ng/ul# 96
83) Benzo(a)anthracene	21.88	228	60661	3.745	ng/ul 94
84) Bis(2-ethylhexyl)phthalate	21.77	149	26024	3.296	ng/ul# 89
85) Chrysene	21.95	228	68171	4.422	ng/ul 93
88) Benzo(b)fluoranthene	24.22	252	36726	2.166	ng/ul 97
89) Benzo(k)fluoranthene	24.29	252	24533	1.468	ng/ul# 95
91) Benzo(a)pyrene	25.14	252	59421	3.930	ng/ul# 94

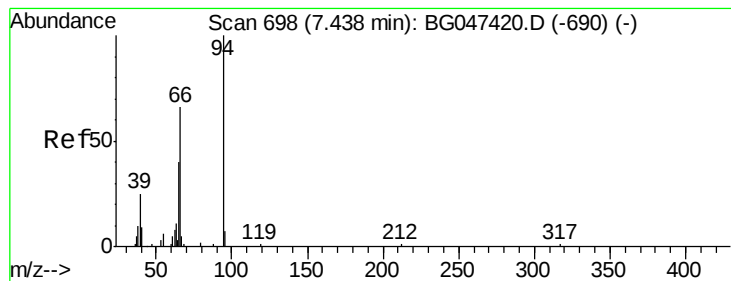
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.854 ng/ul

RT: 7.44 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG047429.D

Acq: 24 Nov 2020 2:26

Instrument :

BNA_G

ClientSampleId :

C0B18

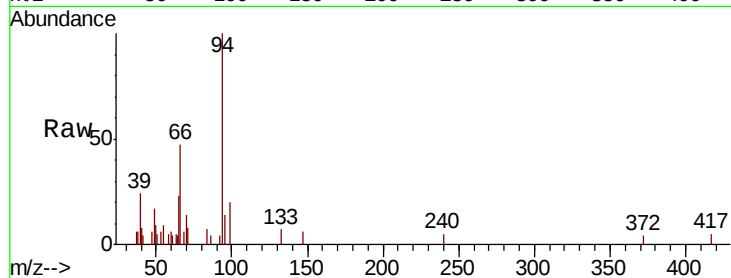
Tot Ion: 94 Resp: 7226

Ion Ratio Lower Upper

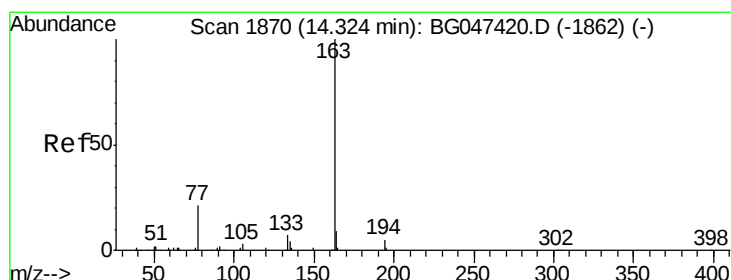
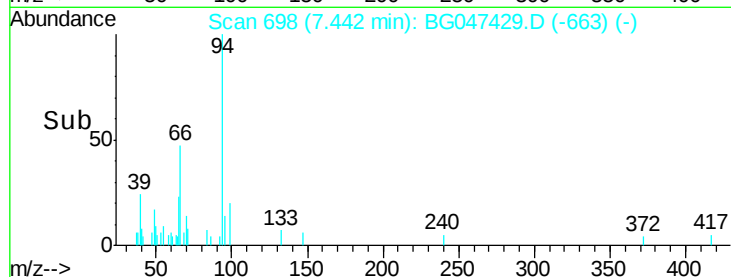
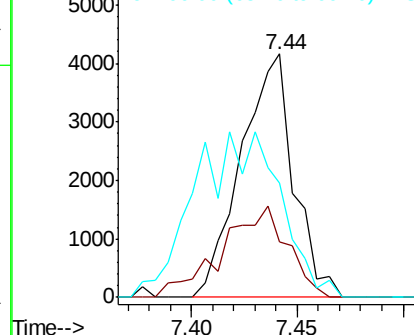
94 100

65 23.0 37.8 56.8#

66 47.0 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: 2.288 ng/ul

RT: 14.33 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BG047429.D

Acq: 24 Nov 2020 2:26

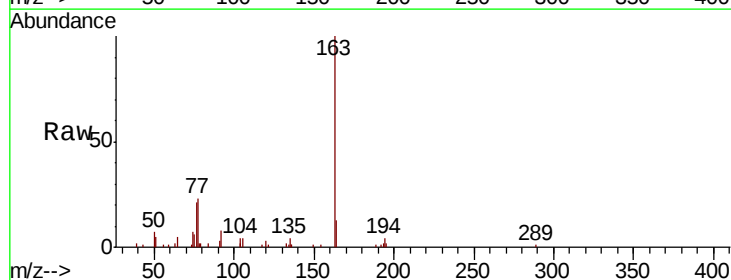
Tgt Ion:163 Resp: 23539

Ion Ratio Lower Upper

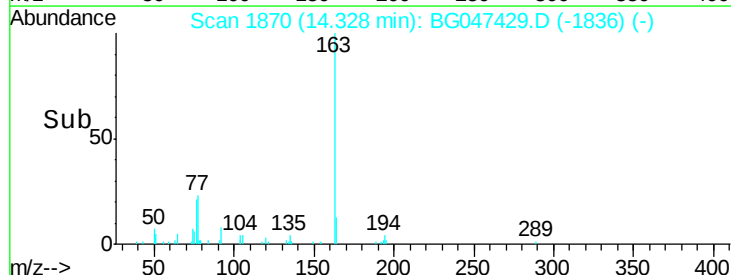
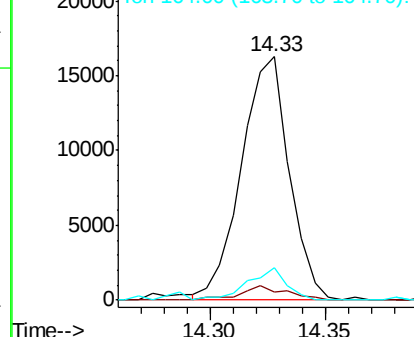
163 100

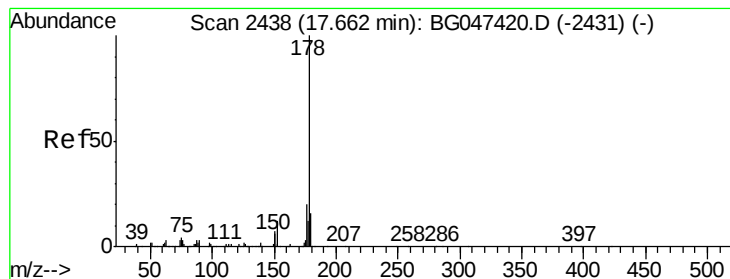
194 3.5 3.6 5.4#

164 13.1 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: 4.444 ng/ul

RT: 17.67 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG047429.D

Acq: 24 Nov 2020 2:26

Instrument :

BNA_G

ClientSampleId :

C0B18

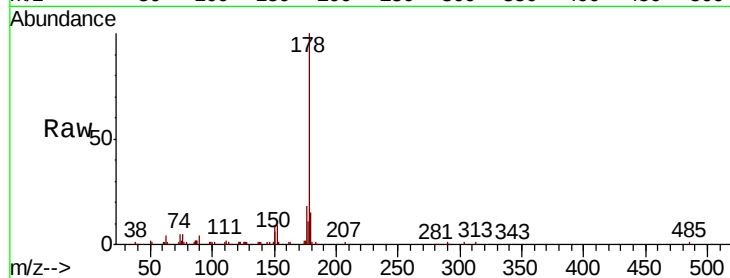
Tot Ion:178 Resp: 62556

Ion Ratio Lower Upper

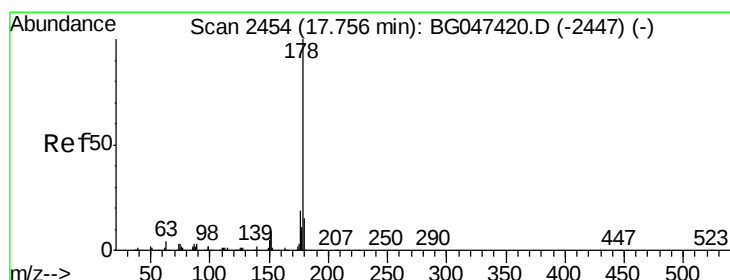
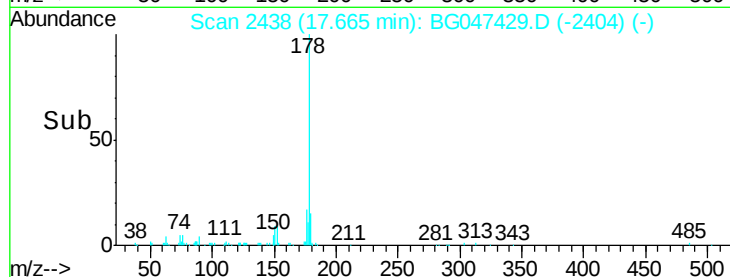
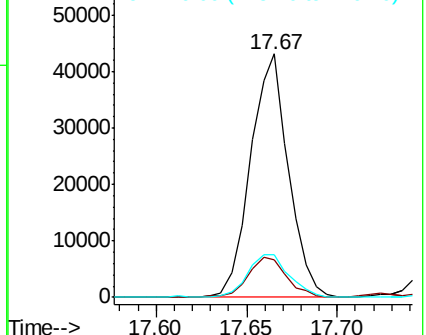
178 100

179 15.5 11.8 17.6

176 17.7 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: 4.413 ng/ul

RT: 17.67 min Scan# 2438

Delta R.T. -0.09 min

Lab File: BG047429.D

Acq: 24 Nov 2020 2:26

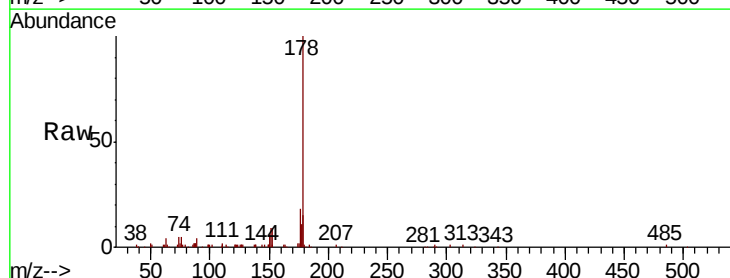
Tgt Ion:178 Resp: 62556

Ion Ratio Lower Upper

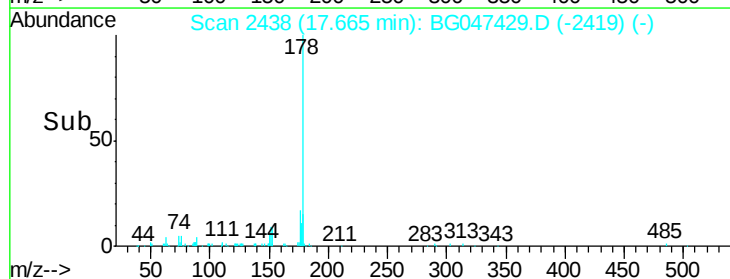
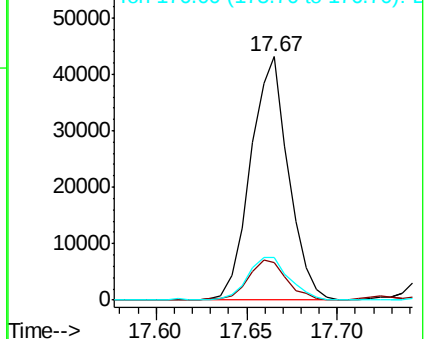
178 100

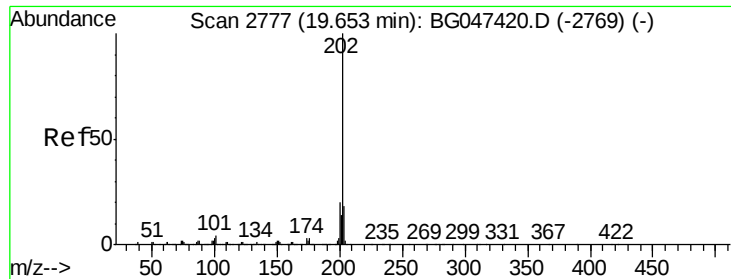
179 15.5 11.7 17.5

176 17.7 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: 7.715 ng/ul

RT: 19.65 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG047429.D

Acq: 24 Nov 2020 2:26

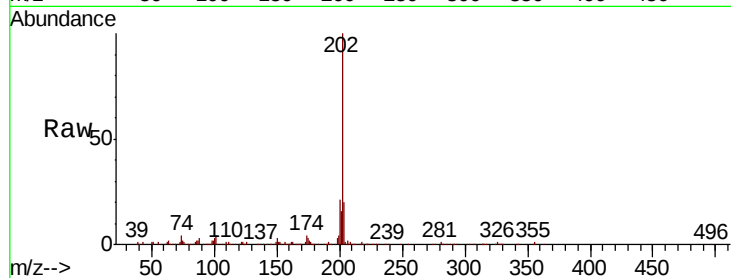
Instrument :

BNA_G

ClientSampled :

C0B18

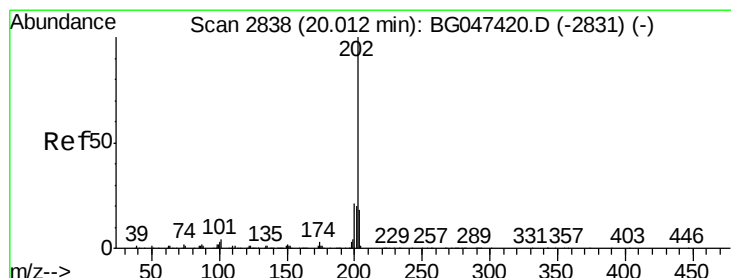
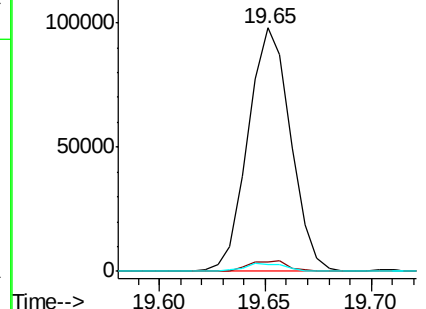
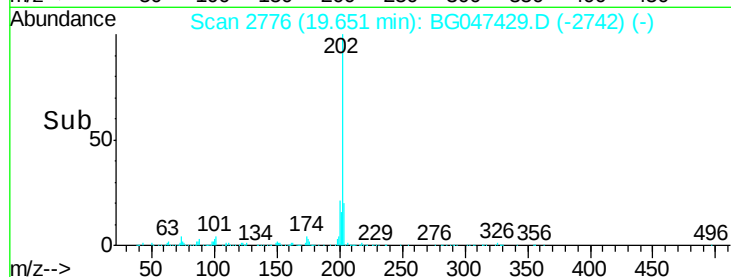
Tot Ion:	202	Resp:	137155
Ion Ratio	Lower	Upper	
202	100		
101	4.0	3.0	4.6
100	2.7	3.0	4.6#



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: 7.016 ng/ul

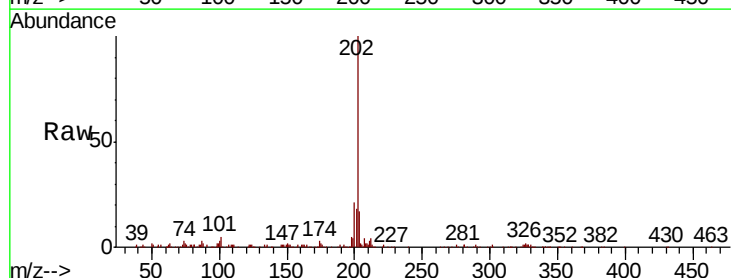
RT: 20.01 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG047429.D

Acq: 24 Nov 2020 2:26

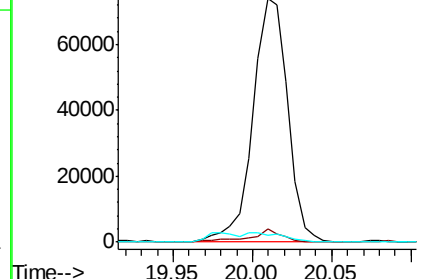
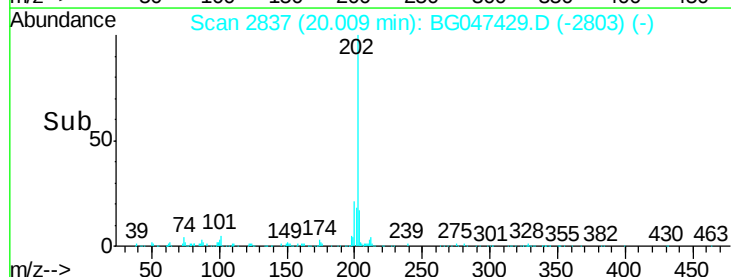
Tgt Ion:	202	Resp:	113153
Ion Ratio	Lower	Upper	
202	100		
101	5.3	3.5	5.3
100	2.7	3.4	5.0#

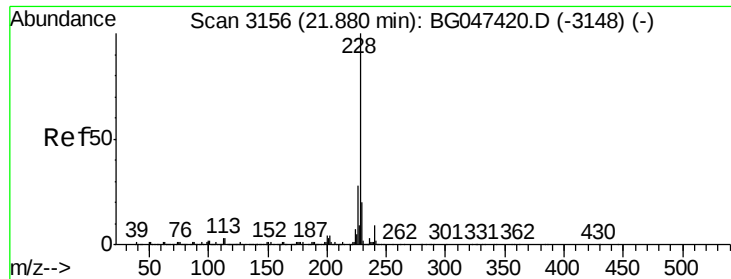


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 3.745 ng/ul

RT: 21.88 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG047429.D

Acq: 24 Nov 2020 2:26

Instrument :

BNA_G

ClientSampleId :

C0B18

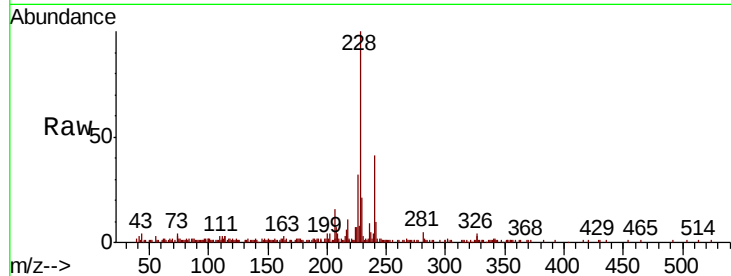
Tot Ion:228 Resp: 60661

Ion Ratio Lower Upper

228 100

229 20.5 15.6 23.4

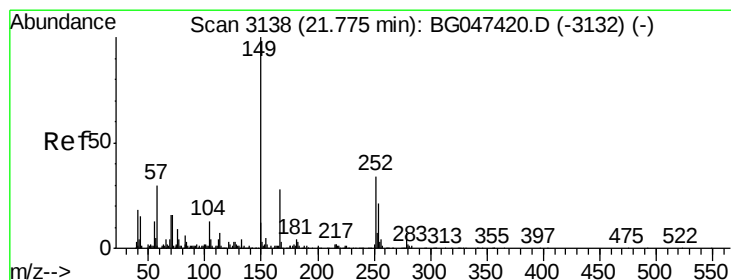
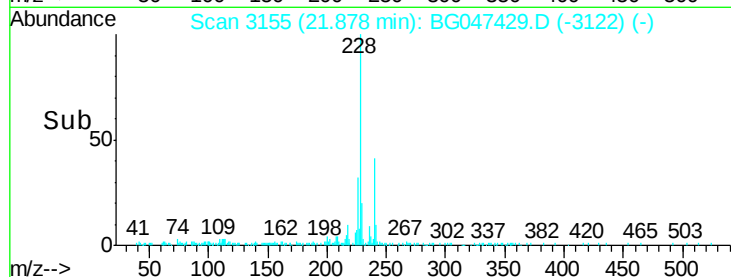
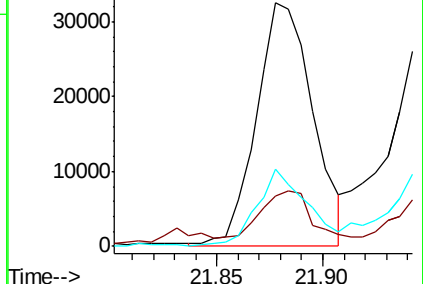
226 31.6 21.7 32.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.296 ng/ul

RT: 21.77 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG047429.D

Acq: 24 Nov 2020 2:26

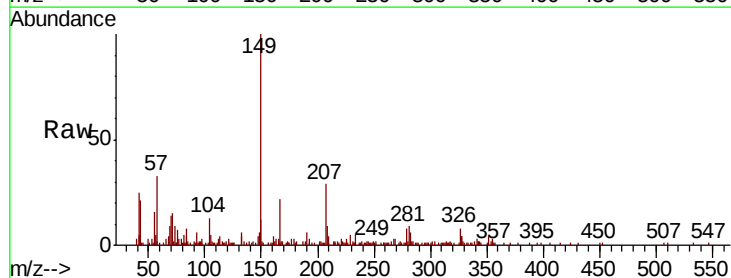
Tgt Ion:149 Resp: 26024

Ion Ratio Lower Upper

149 100

167 21.7 23.4 35.2#

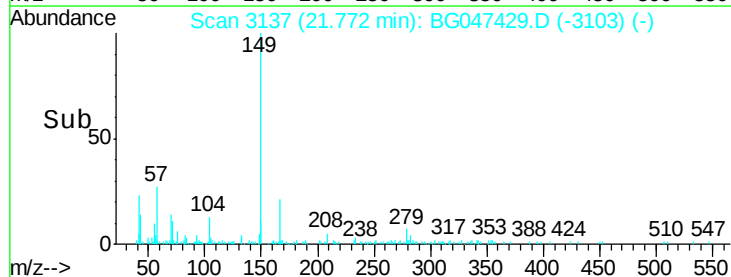
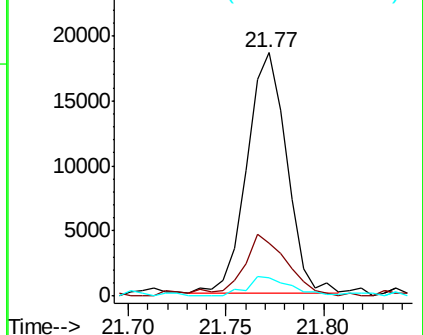
279 7.7 5.9 8.9

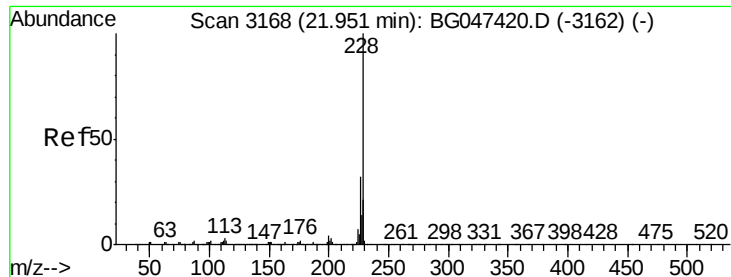


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 4.422 ng/ul

RT: 21.95 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG047429.D

Acq: 24 Nov 2020 2:26

Instrument :

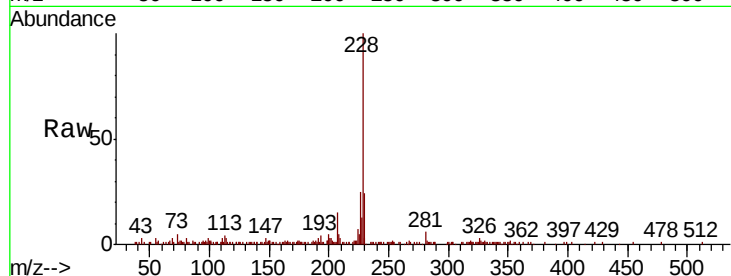
BNA_G

ClientSampled :

C0B18

Tot Ion:228 Resp: 68171

Ion	Ratio	Lower	Upper
228	100		
226	24.7	22.3	33.5
229	24.1	16.5	24.7

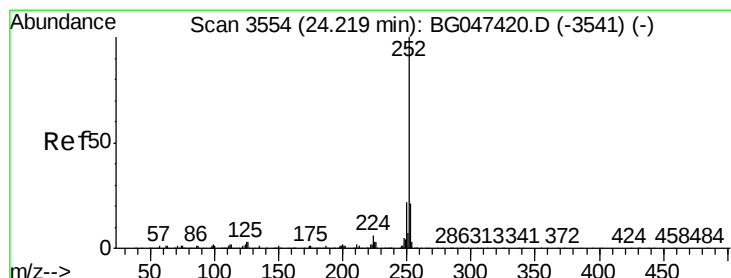
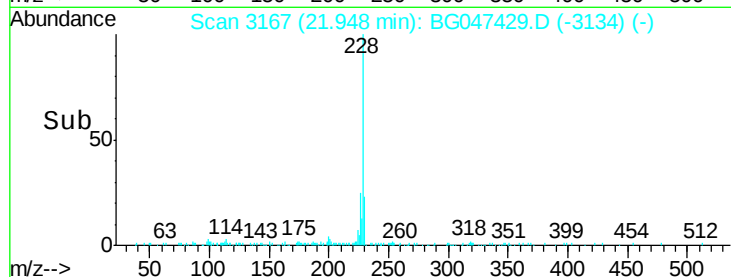
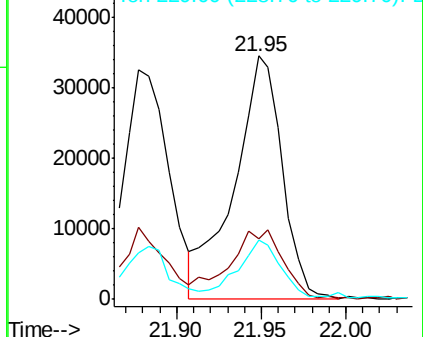


Abundance

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: 2.166 ng/ul

RT: 24.22 min Scan# 3553

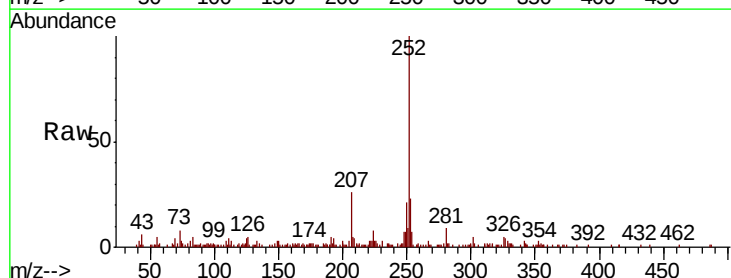
Delta R.T. -0.01 min

Lab File: BG047429.D

Acq: 24 Nov 2020 2:26

Tgt Ion:252 Resp: 36726

Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.6	25.0
125	3.6	2.7	4.1

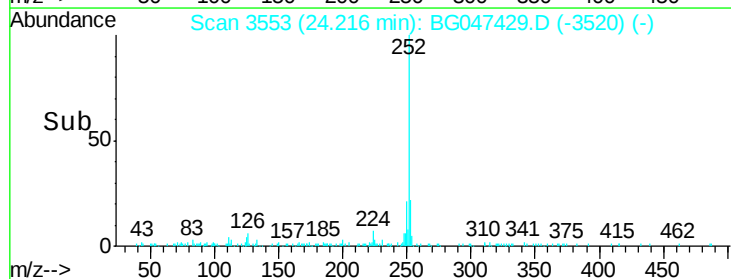
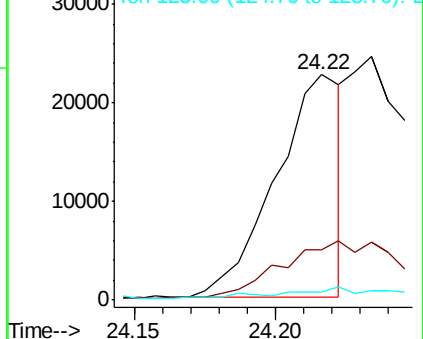


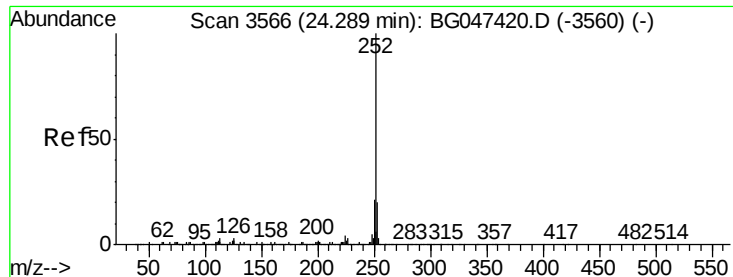
Abundance

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





#89

Benzo(k)fluoranthene

Concen: 1.468 ng/ul

RT: 24.29 min Scan# 3565

Delta R.T. -0.01 min

Lab File: BG047429.D

Acq: 24 Nov 2020 2:26

Instrument :

BNA_G

ClientSampleId :

C0B18

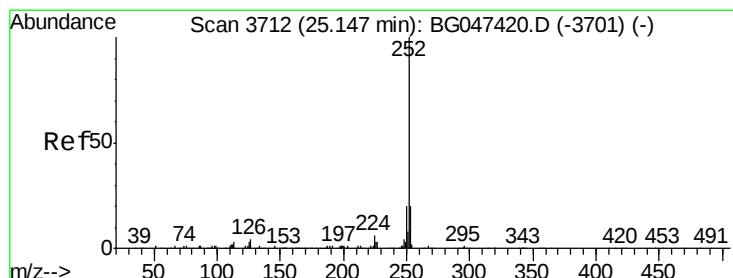
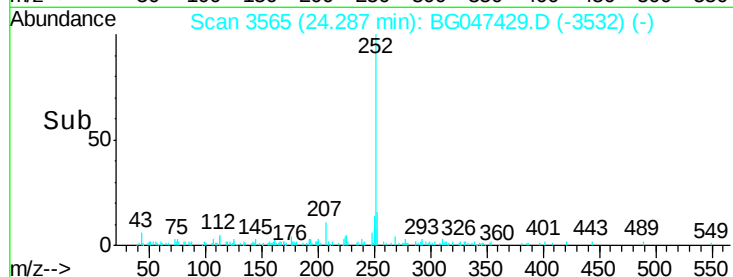
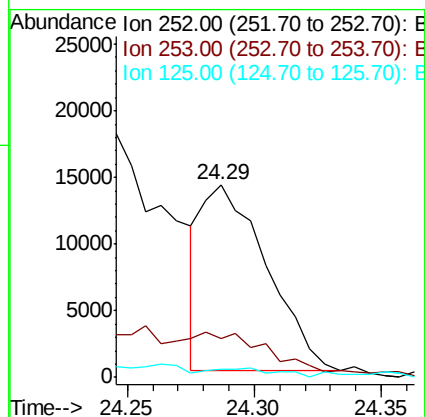
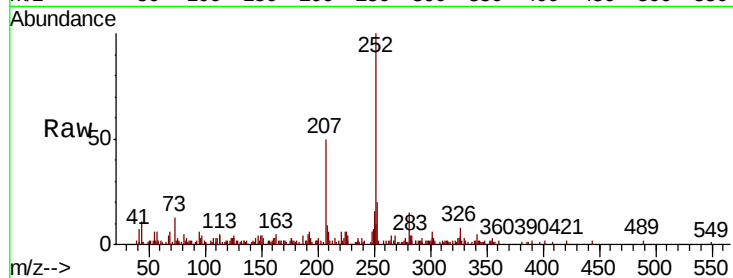
Tot Ion:252 Resp: 24533

Ion Ratio Lower Upper

252 100

253 20.4 18.2 27.4

125 4.5 2.2 3.2#



#91

Benzo(a)pyrene

Concen: 3.930 ng/ul

RT: 25.14 min Scan# 3710

Delta R.T. -0.01 min

Lab File: BG047429.D

Acq: 24 Nov 2020 2:26

Tgt Ion:252 Resp: 59421

Ion Ratio Lower Upper

252 100

253 26.2 18.6 27.8

125 5.4 3.1 4.7#

