

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047451.D
 Acq On : 24 Nov 2020 18:08
 Operator : CG/JU
 Sample : L4751-13
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B85

Quant Time: Nov 25 01:22:28 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	8.27	152	40160	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	156955	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	110625	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	256484	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	231817	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	246714	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	927	0.84	ng/uL	0.00
5) Phenol-d5	7.40	99	37872	9.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	21435	9.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	28490	10.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	27520	8.89	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	14843	11.45	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	16139	11.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	36166	11.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	31540	9.63	ng/ul	0.00
44) Dimethylphthalate-d6	14.27	166	111237	11.71	ng/ul	-0.01
47) Acenaphthylene-d8	14.58	160	132620	12.08	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	11184	7.72	ng/ul	-0.01
58) Fluorene-d10	15.87	176	101427	11.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	6695	4.59	ng/ul	-0.01
71) Anthracene-d10	17.71	188	157846	12.41	ng/ul	0.00
79) Pyrene-d10	19.98	212	174665	12.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	175638	12.37	ng/ul	-0.01

Target Compounds

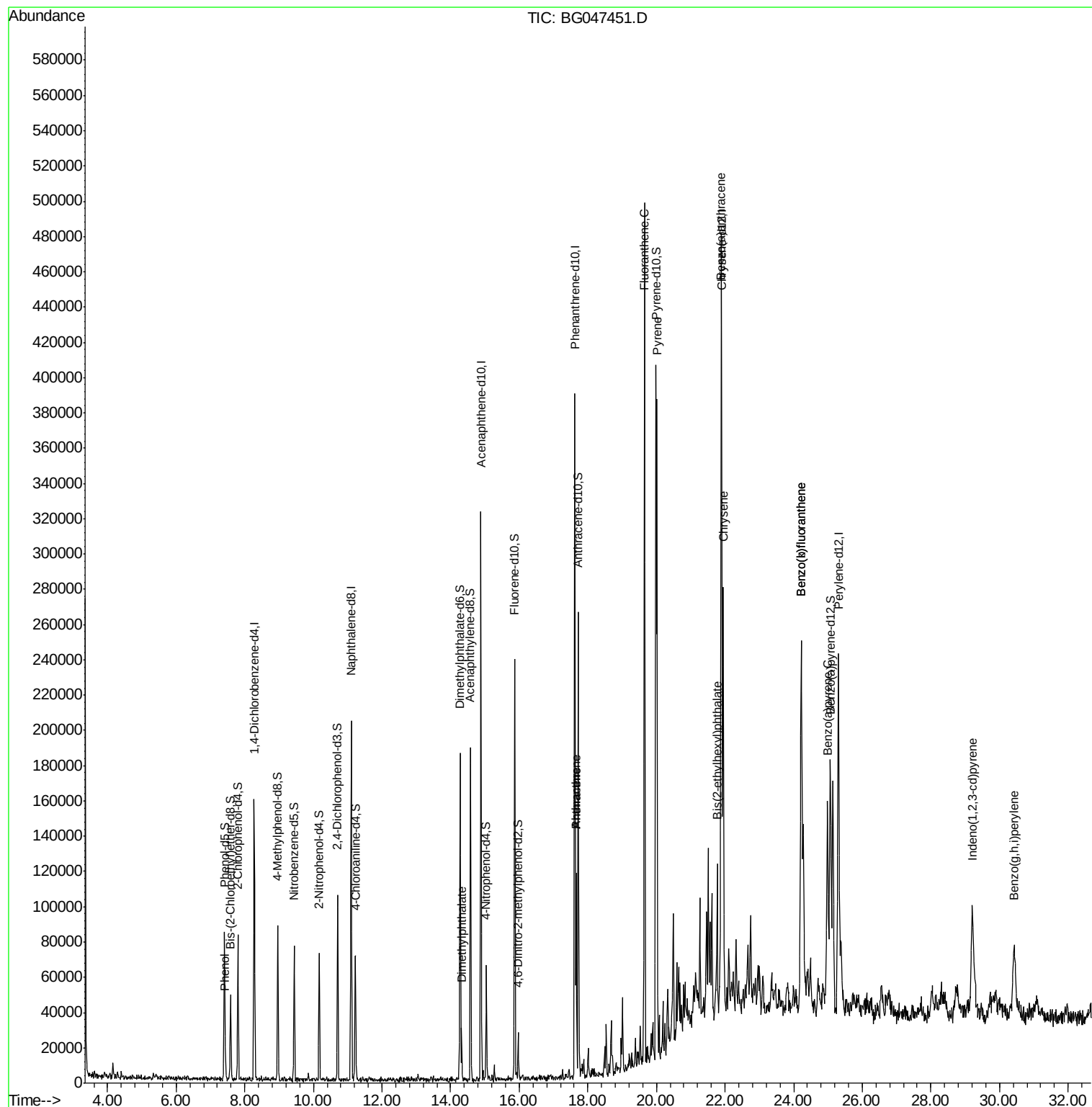
					Ovalue	
6) Phenol	7.43	94	5666	1.468	ng/ul#	80
45) Dimethylphthalate	14.32	163	17697	1.827	ng/ul	98
70) Phenanthrene	17.66	178	69013	4.983	ng/ul	98
72) Anthracene	17.66	178	69013	4.948	ng/ul	97
77) Fluoranthene	19.65	202	316777	18.110	ng/ul	99
80) Pyrene	20.01	202	252545	15.380	ng/ul#	97
83) Benzo(a)anthracene	21.88	228	171568	10.402	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.77	149	28073	3.492	ng/ul	92
85) Chrysene	21.95	228	194205	12.373	ng/ul	98
88) Benzo(b)fluoranthene	24.21	252	284226	16.317	ng/ul#	95
89) Benzo(k)fluoranthene	24.21	252	284226	16.557	ng/ul#	99
91) Benzo(a)pyrene	24.99	252	131067	8.440	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	29.21	276	112838	5.974	ng/ul	93
94) Benzo(g,h,i)perylene	30.43	276	56815	3.645	ng/ul#	87

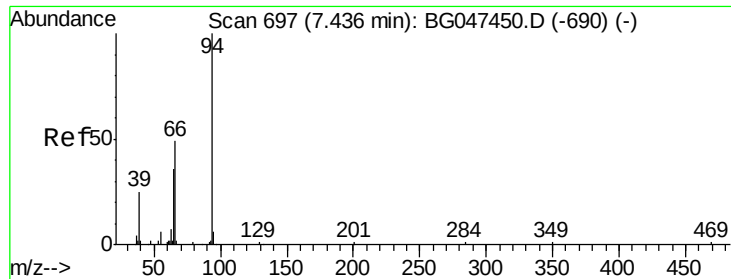
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.468 ng/ul

RT: 7.43 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG047451.D

Acq: 24 Nov 2020 18:08

Instrument :

BNA_G

ClientSampleId :

C0B85

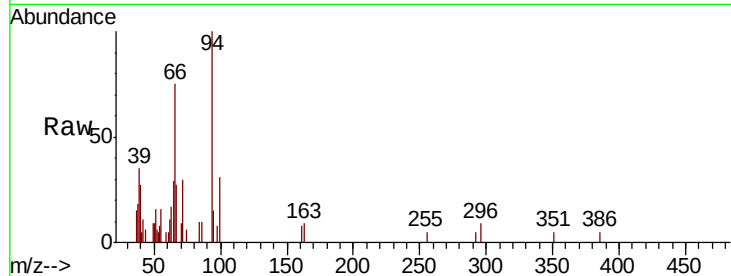
Tot Ion: 94 Resp: 5666

Ion Ratio Lower Upper

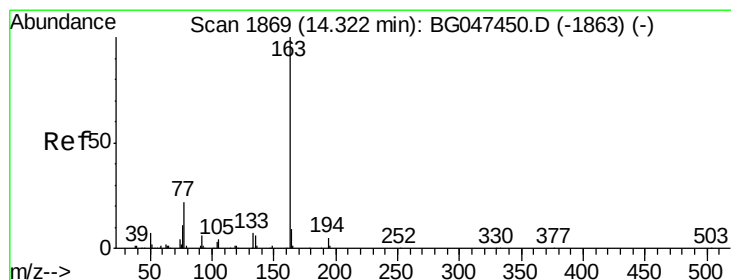
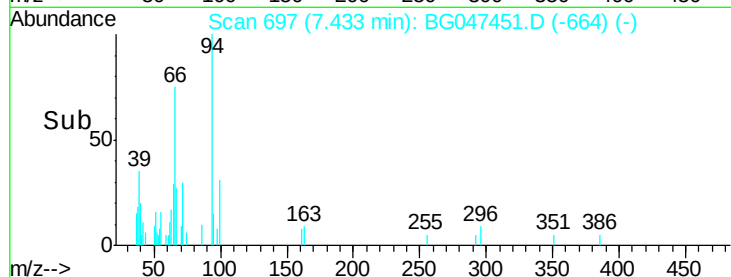
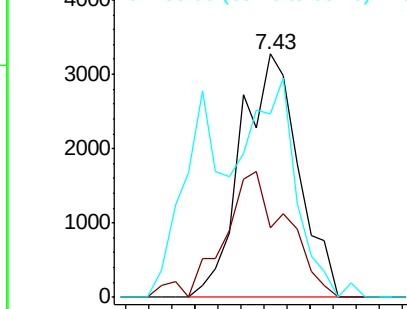
94 100

65 28.7 37.8 56.8#

66 75.4 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: 1.827 ng/ul

RT: 14.32 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BG047451.D

Acq: 24 Nov 2020 18:08

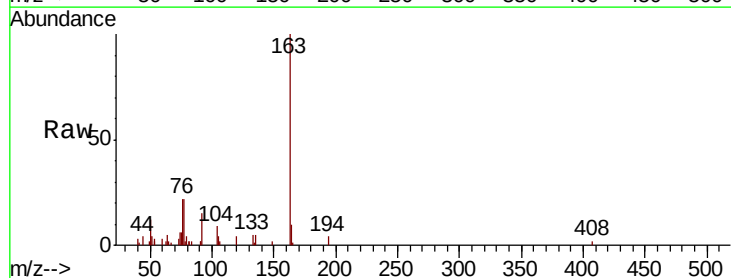
Tgt Ion:163 Resp: 17697

Ion Ratio Lower Upper

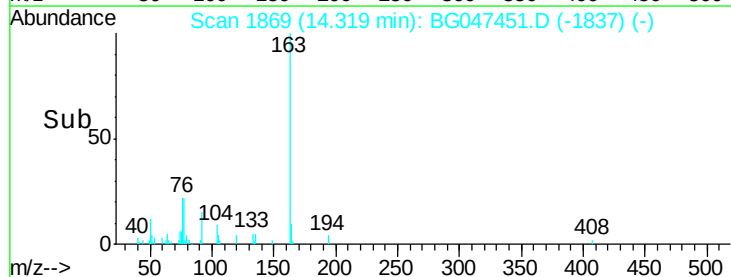
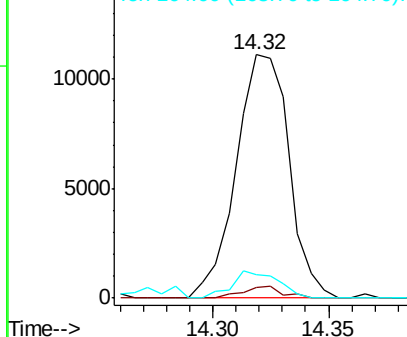
163 100

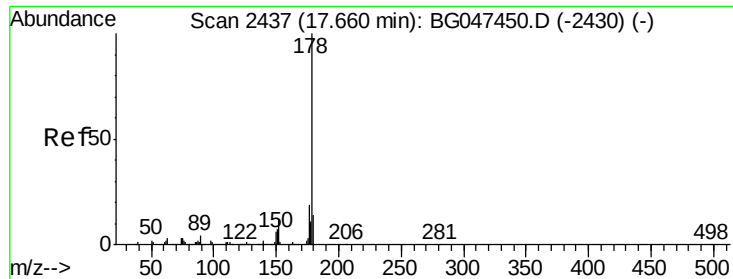
194 4.4 3.6 5.4

164 9.5 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: 4.983 ng/ul

RT: 17.66 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG047451.D

Acq: 24 Nov 2020 18:08

Instrument :

BNA_G

ClientSampleId :

C0B85

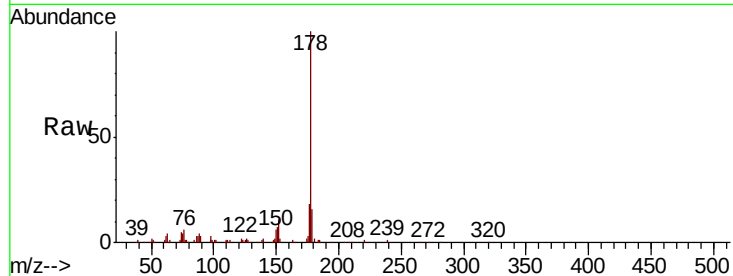
Tot Ion:178 Resp: 69013

Ion Ratio Lower Upper

178 100

179 15.8 11.8 17.6

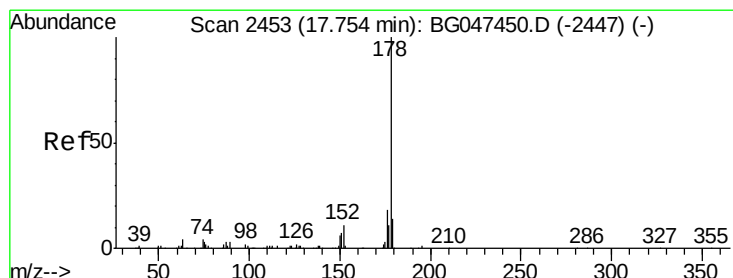
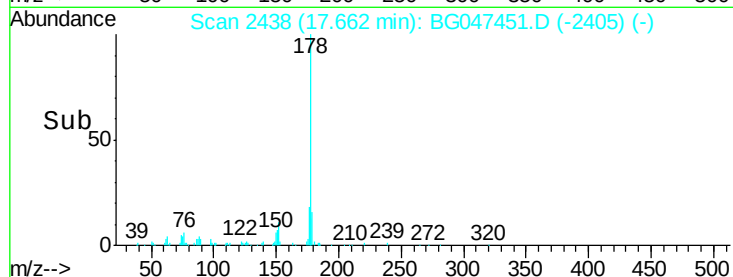
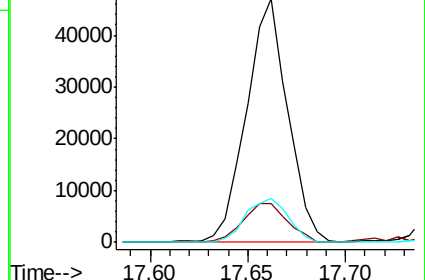
176 18.1 13.9 20.9



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: 4.948 ng/ul

RT: 17.66 min Scan# 2438

Delta R.T. -0.09 min

Lab File: BG047451.D

Acq: 24 Nov 2020 18:08

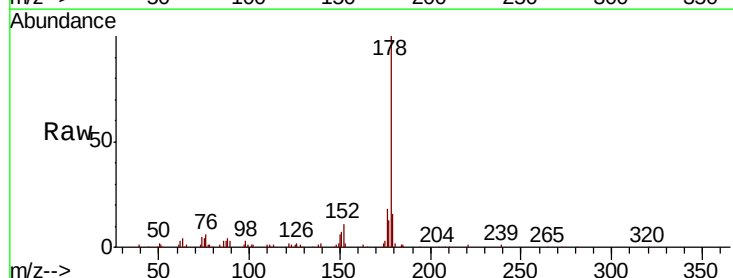
Tgt Ion:178 Resp: 69013

Ion Ratio Lower Upper

178 100

179 15.8 11.7 17.5

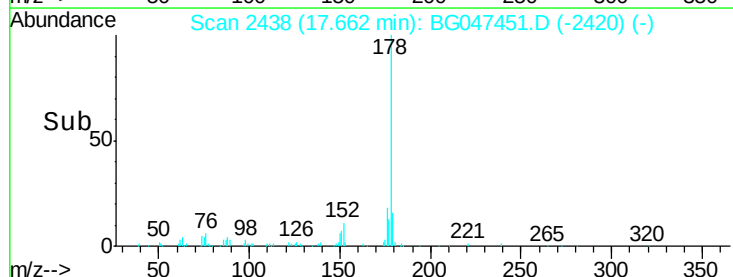
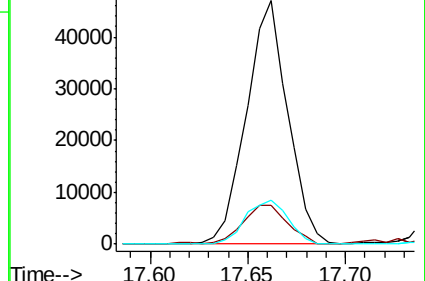
176 18.1 15.4 23.0

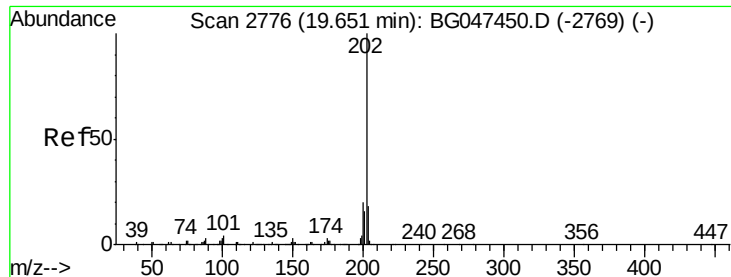


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77

Fluoranthene

Concen: 18.110 ng/ul

RT: 19.65 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BG047451.D

Acq: 24 Nov 2020 18:08

Instrument :

BNA_G

ClientSampleId :

C0B85

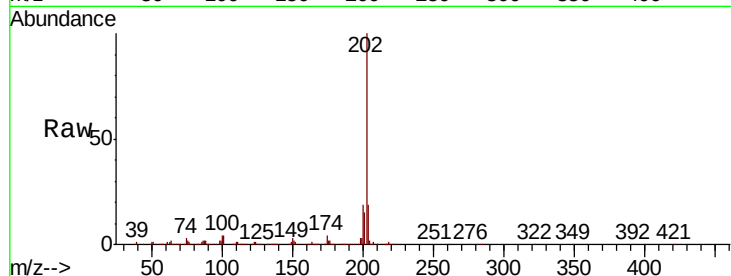
Tot Ion:202 Resp: 316777

Ion Ratio Lower Upper

202 100

101 4.0 3.0 4.6

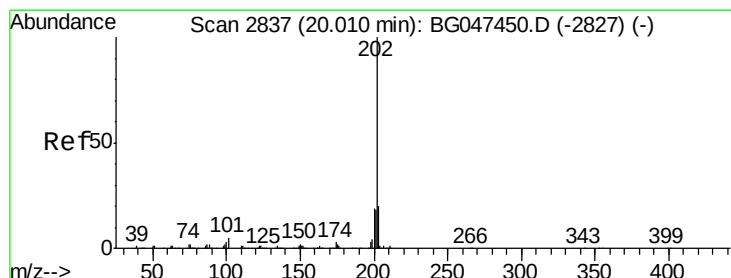
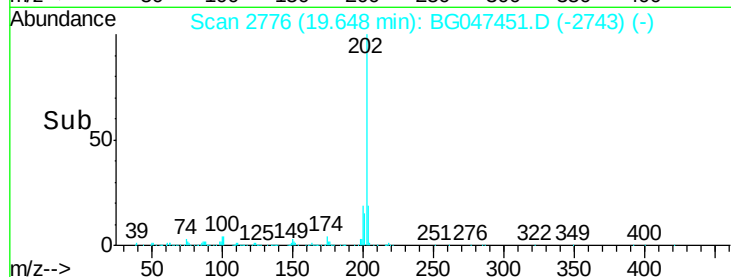
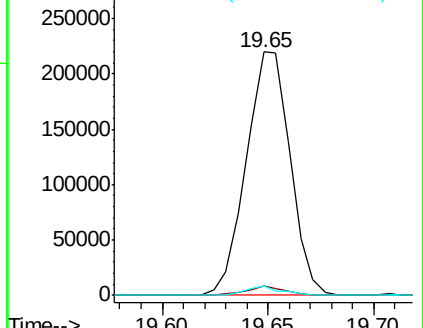
100 3.6 3.0 4.6



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: 15.380 ng/ul

RT: 20.01 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG047451.D

Acq: 24 Nov 2020 18:08

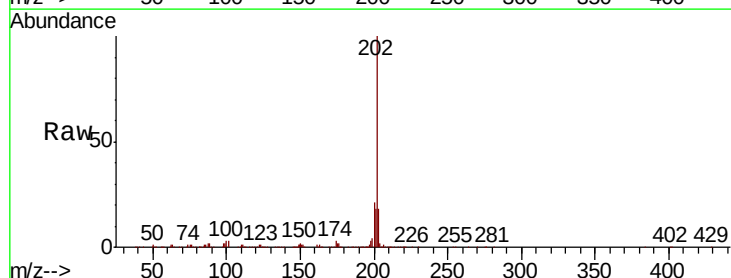
Tgt Ion:202 Resp: 252545

Ion Ratio Lower Upper

202 100

101 3.4 3.5 5.3#

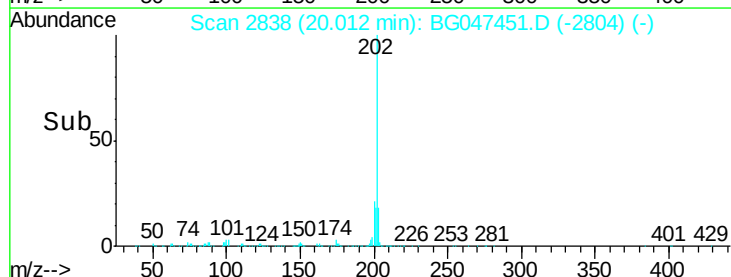
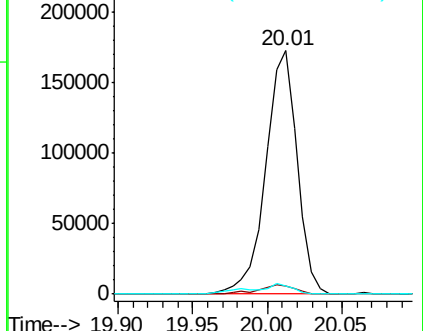
100 3.4 3.4 5.0

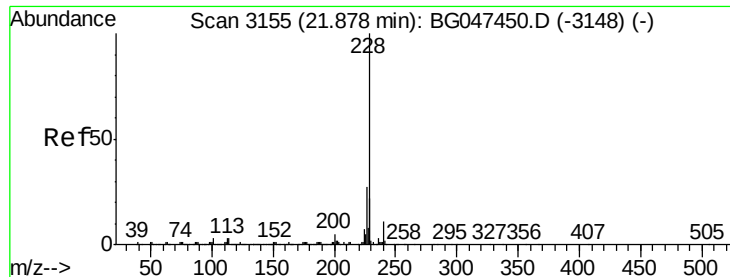


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 10.402 ng/ul

RT: 21.88 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG047451.D

Acq: 24 Nov 2020 18:08

Instrument :

BNA_G

ClientSampleId :

C0B85

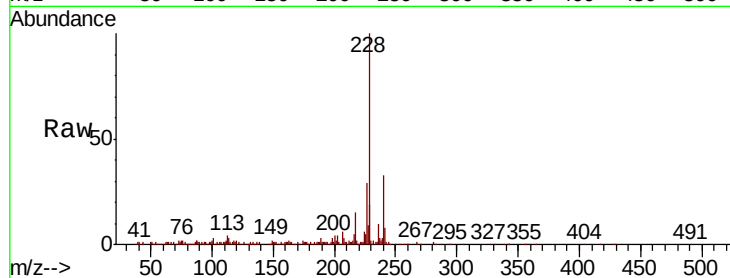
Tot Ion:228 Resp: 171568

Ion Ratio Lower Upper

228 100

229 19.2 15.6 23.4

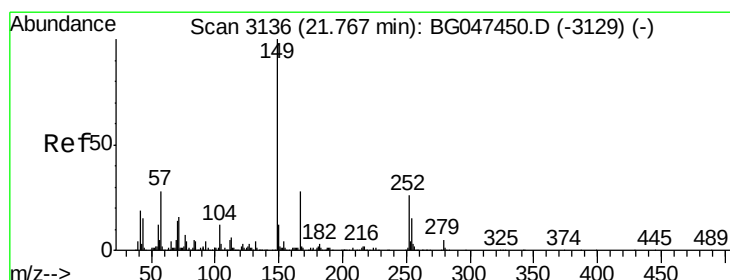
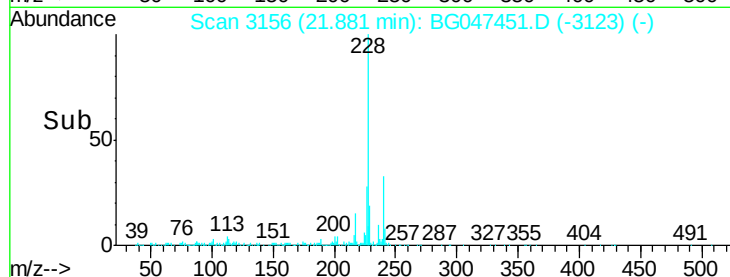
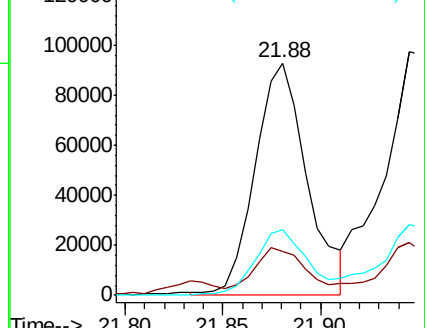
226 28.5 21.7 32.5



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: 3.492 ng/ul

RT: 21.77 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG047451.D

Acq: 24 Nov 2020 18:08

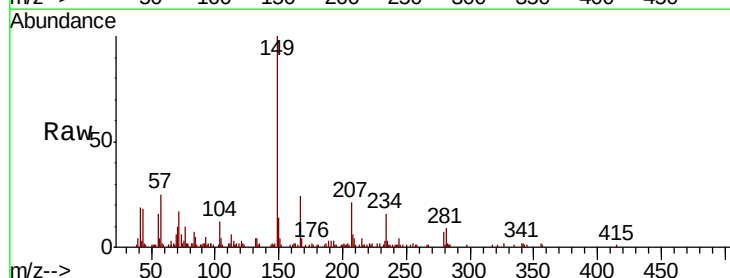
Tgt Ion:149 Resp: 28073

Ion Ratio Lower Upper

149 100

167 24.4 23.4 35.2

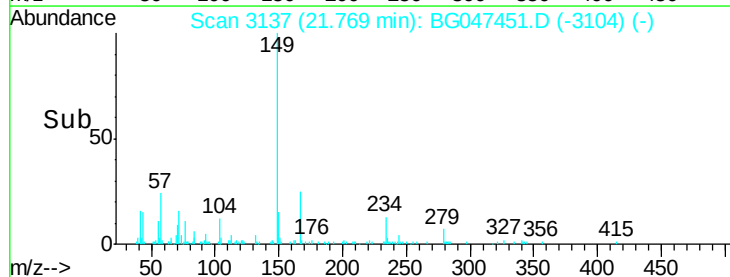
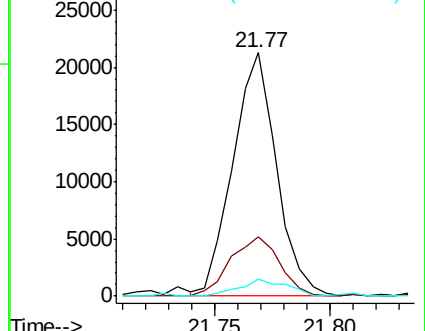
279 7.0 5.9 8.9

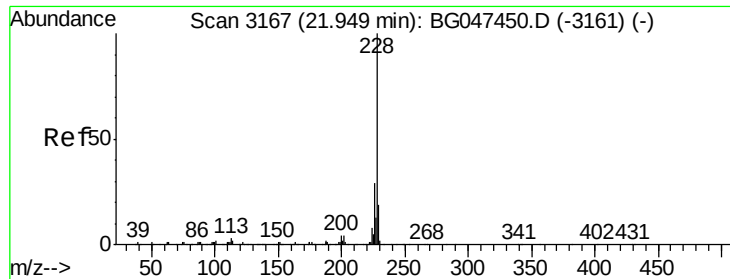


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 12.373 ng/ul

RT: 21.95 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG047451.D

Acq: 24 Nov 2020 18:08

Instrument :

BNA_G

ClientSampleId :

C0B85

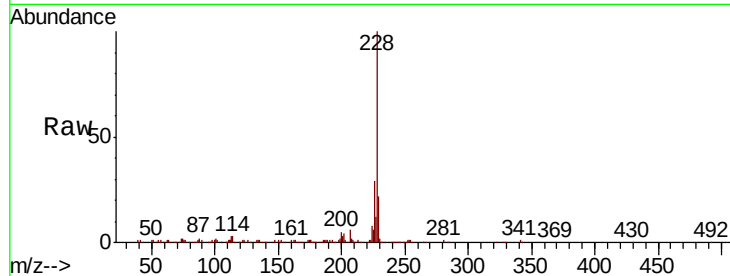
Tot Ion:228 Resp: 194205

Ion Ratio Lower Upper

228 100

226 29.3 22.3 33.5

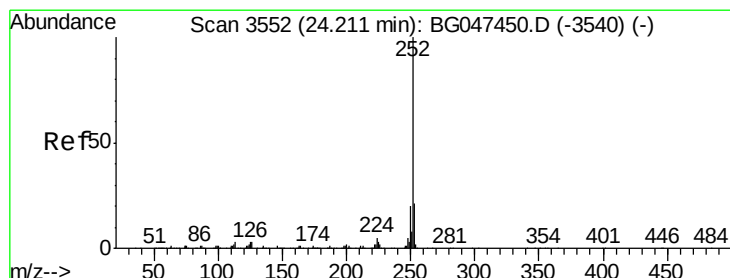
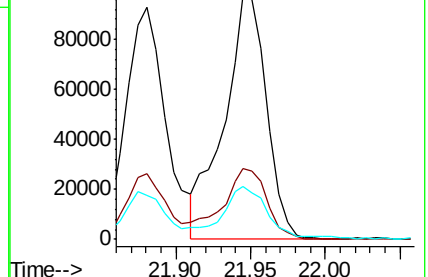
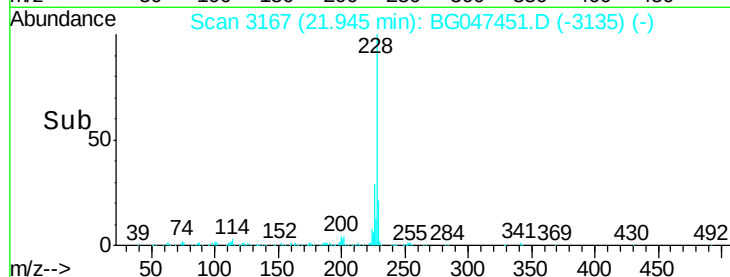
229 21.6 16.5 24.7



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: 16.317 ng/ul

RT: 24.21 min Scan# 3553

Delta R.T. -0.01 min

Lab File: BG047451.D

Acq: 24 Nov 2020 18:08

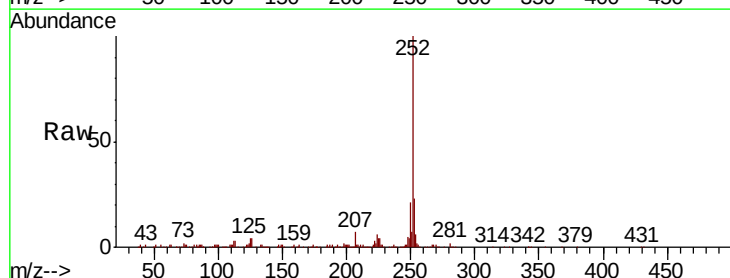
Tgt Ion:252 Resp: 284226

Ion Ratio Lower Upper

252 100

253 23.1 16.6 25.0

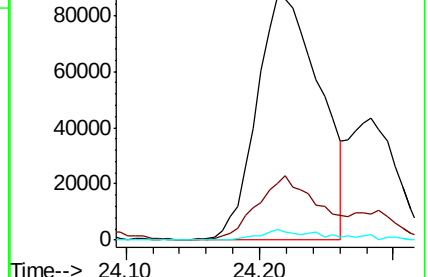
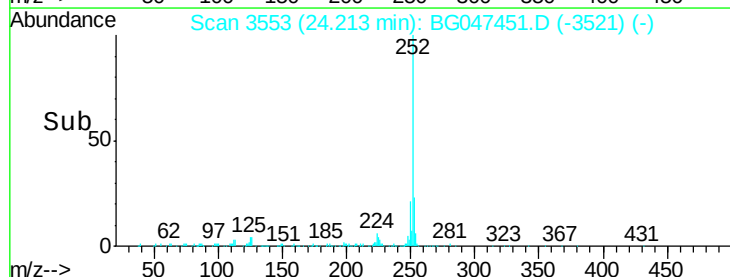
125 4.3 2.7 4.1#

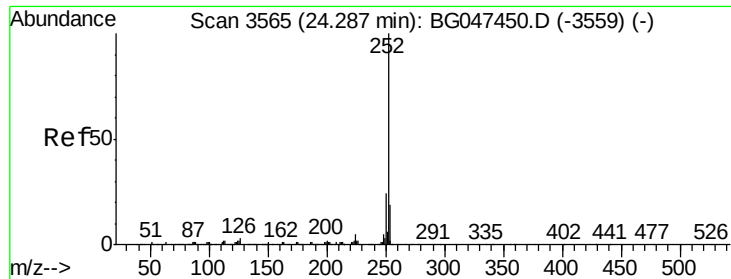


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 16.557 ng/ul

RT: 24.21 min Scan# 3553

Delta R.T. -0.08 min

Lab File: BG047451.D

Acq: 24 Nov 2020 18:08

Instrument :

BNA_G

ClientSampleId :

C0B85

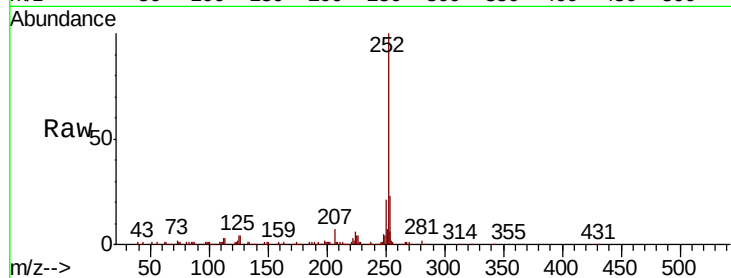
Tot Ion:252 Resp: 284226

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.4

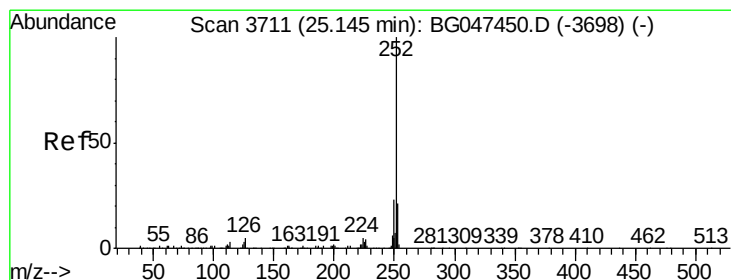
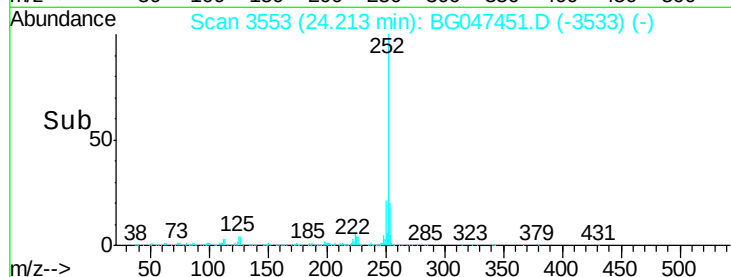
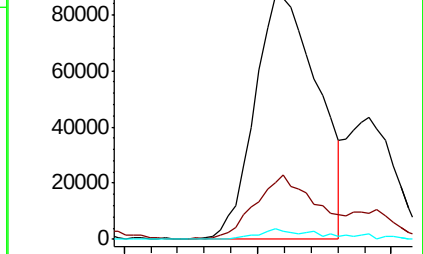
125 4.3 2.2 3.2#



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



#91

Benzo(a)pyrene

Concen: 8.440 ng/ul

RT: 24.99 min Scan# 3685

Delta R.T. -0.16 min

Lab File: BG047451.D

Acq: 24 Nov 2020 18:08

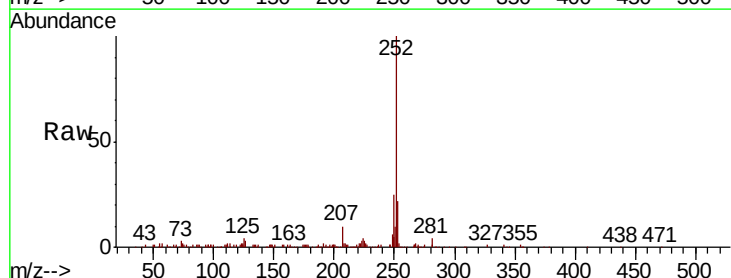
Tgt Ion:252 Resp: 131067

Ion Ratio Lower Upper

252 100

253 22.4 18.6 27.8

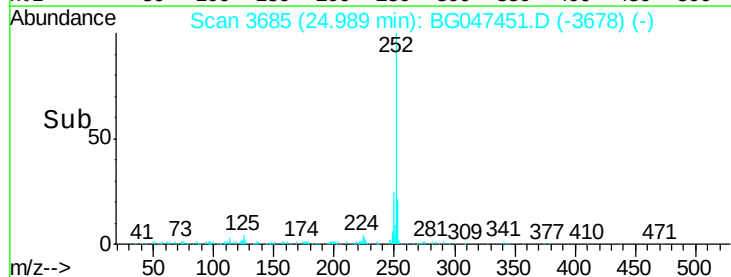
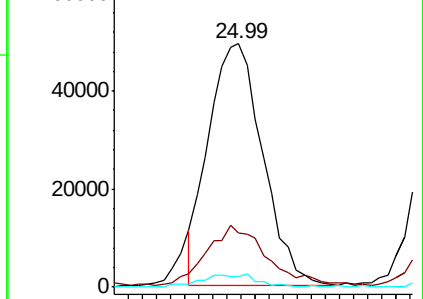
125 4.4 3.1 4.7

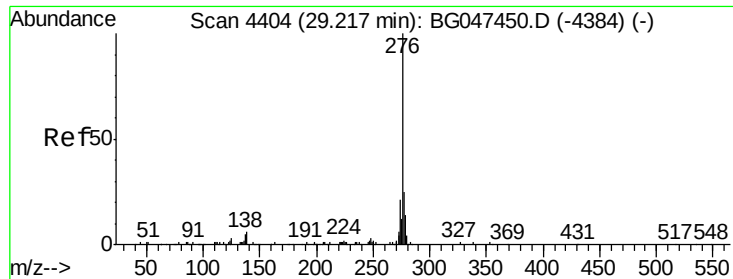


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



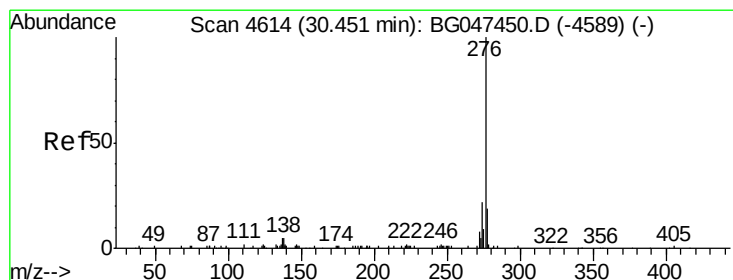
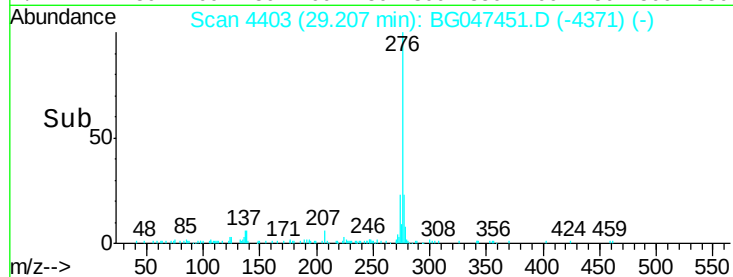
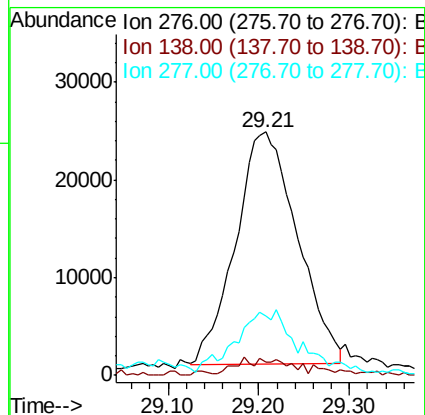
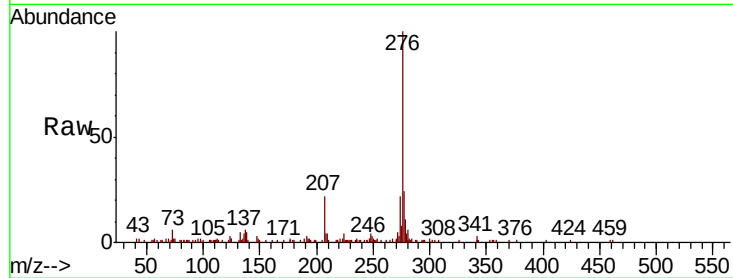


#92

Indeno(1,2,3-cd)pyrene
Concen: 5.974 ng/ul
RT: 29.21 min Scan# 4403
Delta R.T. -0.01 min
Lab File: BG047451.D
Acq: 24 Nov 2020 18:08

Instrument :
BNA_G
ClientSampleId :
C0B85

Tot Ion:276 Resp: 112838
Ion Ratio Lower Upper
276 100
138 5.4 5.0 7.6
277 24.2 16.5 24.7



#94

Benzo(g,h,i)perylene
Concen: 3.645 ng/ul
RT: 30.43 min Scan# 4611
Delta R.T. -0.02 min
Lab File: BG047451.D
Acq: 24 Nov 2020 18:08

Tgt Ion:276 Resp: 56815
Ion Ratio Lower Upper
276 100
138 7.1 5.8 8.6
277 30.0 17.4 26.2#

