

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
 Data File : BG047383.D
 Acq On : 20 Nov 2020 20:20
 Operator : CG/JU
 Sample : L4711-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B53

Quant Time: Nov 21 01:30:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 21 01:27:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	40302	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	157150	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	123179	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	188245	20.00	ng/ul	0.10
78) Chrysene-d12	21.90	240	242344	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	262822	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	1839	1.66	ng/uL	0.00
5) Phenol-d5	7.40	99	47171	11.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	26806	11.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	33439	12.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	35520	11.44	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	16799	12.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	19119	13.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	41105	12.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	38177	11.64	ng/ul	0.00
44) Dimethylphthalate-d6	14.27	166	128130	12.12	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	157885	12.92	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	17020	10.55	ng/ul	0.00
58) Fluorene-d10	15.87	176	122305	12.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	17724	16.54	ng/ul	0.00
71) Anthracene-d10	17.72	188	188245	20.16	ng/ul	0.00
79) Pyrene-d10	19.98	212	199822	14.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	203776	13.47	ng/ul	0.00

Target Compounds

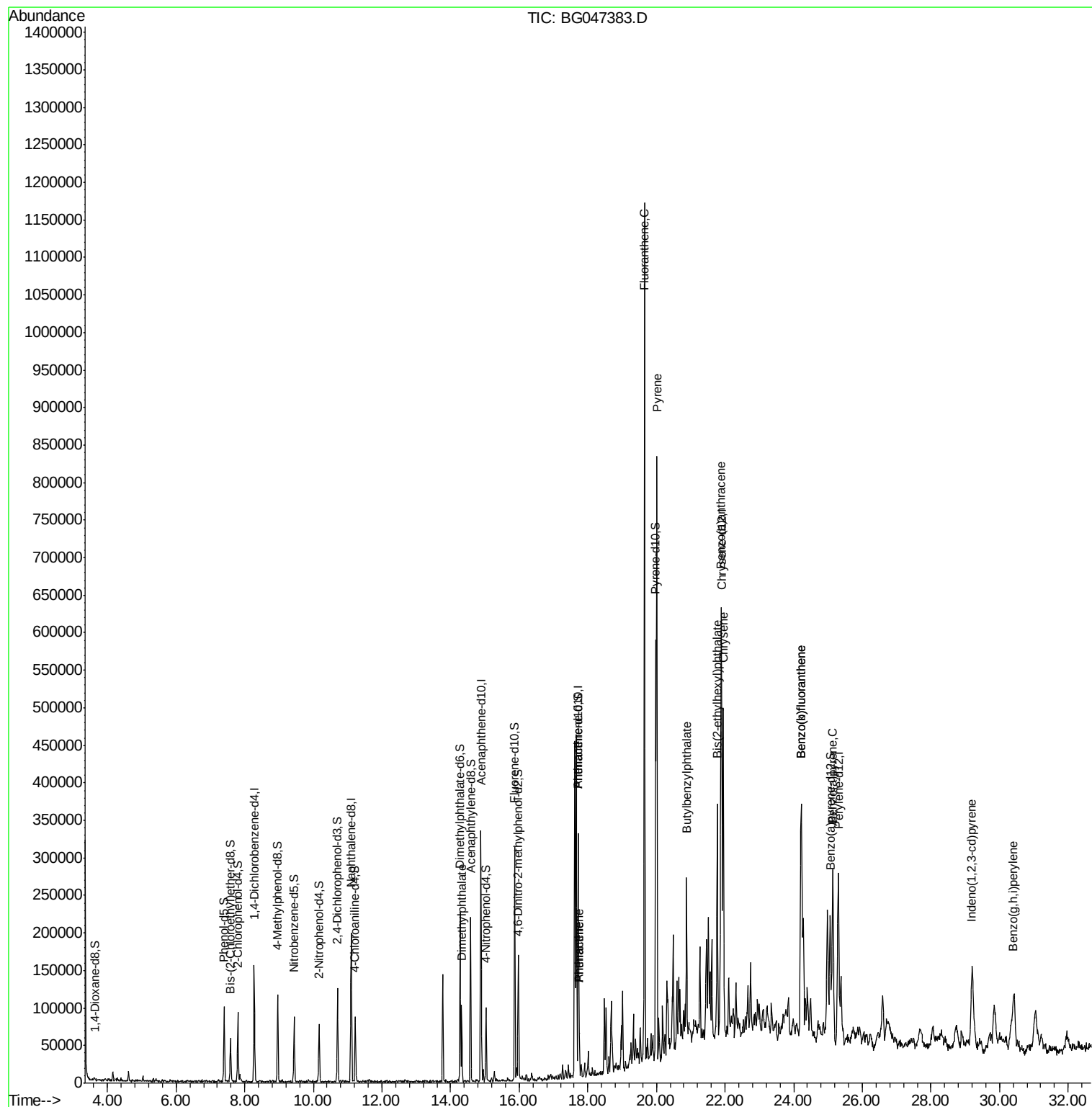
					Ovalue
45) Dimethylphthalate	14.32	163	59381	5.505	ng/ul 97
70) Phenanthrene	17.75	178	41315	4.064	ng/ul 98
72) Anthracene	17.75	178	41084	4.013	ng/ul 96
77) Fluoranthene	19.65	202	699197	54.462	ng/ul 100
80) Pyrene	20.01	202	545300	31.765	ng/ul# 96
81) Butylbenzylphthalate	20.88	149	55108	9.140	ng/ul 98
83) Benzo(a)anthracene	21.88	228	323829	18.780	ng/ul 99
84) Bis(2-ethylhexyl)phthalate	21.77	149	115564	13.751	ng/ul 96
85) Chrysene	21.95	228	338841	20.650	ng/ul 98
88) Benzo(b)fluoranthene	24.22	252	448695	24.180	ng/ul# 99
89) Benzo(k)fluoranthene	24.22	252	448695	24.536	ng/ul# 96
91) Benzo(a)pyrene	25.14	252	290440	17.557	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	29.20	276	204573	10.167	ng/ul 99
94) Benzo(g,h,i)perylene	30.40	276	57917	3.488	ng/ul# 95

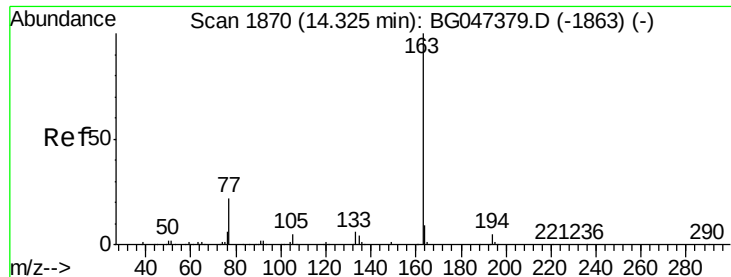
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 21 01:27:02 2020
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 5.505 ng/ul

RT: 14.32 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BG047383.D

Acq: 20 Nov 2020 20:20

Instrument :

BNA_G

ClientSampled :

C0B53

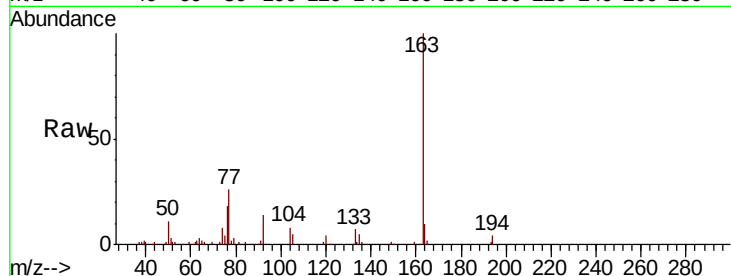
Tot Ion:163 Resp: 59381

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

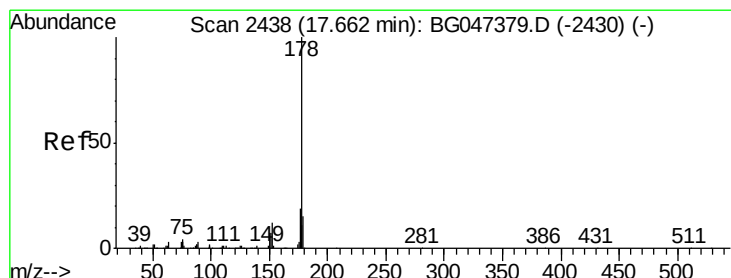
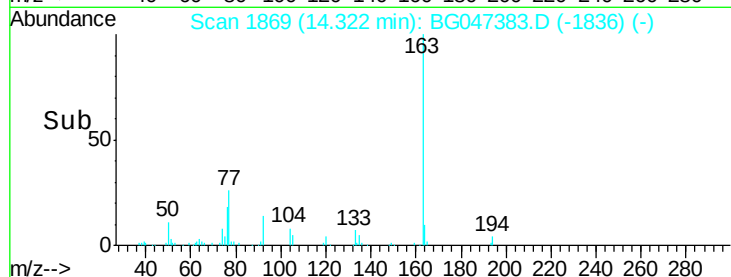
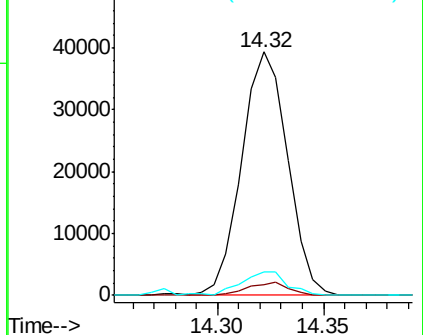
164 9.6 8.8 13.2



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: 4.064 ng/ul

RT: 17.75 min Scan# 2452

Delta R.T. 0.09 min

Lab File: BG047383.D

Acq: 20 Nov 2020 20:20

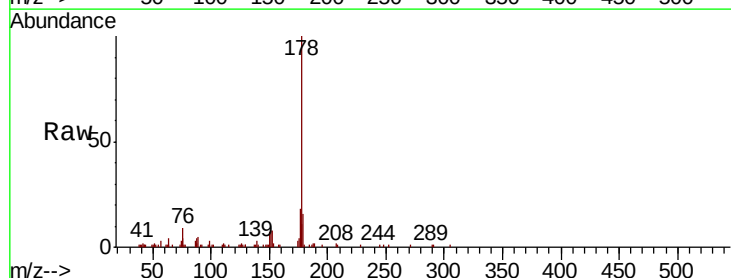
Tgt Ion:178 Resp: 41315

Ion Ratio Lower Upper

178 100

179 16.1 12.8 19.2

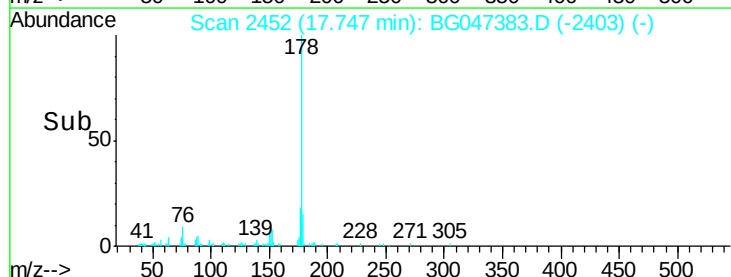
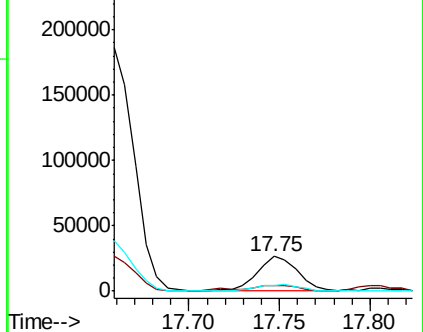
176 17.8 15.7 23.5

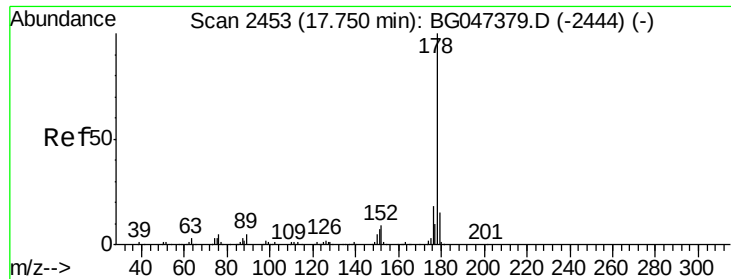


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 4.013 ng/ul

RT: 17.75 min Scan# 2452

Delta R.T. -0.00 min

Lab File: BG047383.D

Acq: 20 Nov 2020 20:20

Instrument :

BNA_G

ClientSampleId :

C0B53

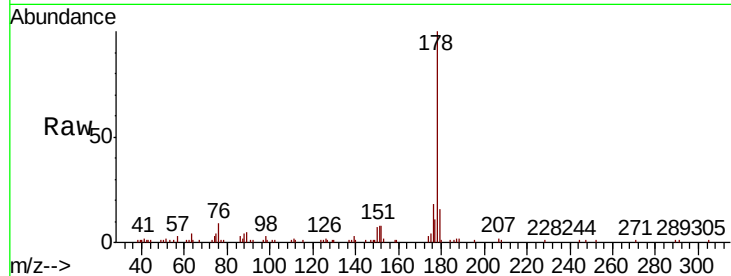
Tot Ion:178 Resp: 41084

Ion Ratio Lower Upper

178 100

179 16.1 12.2 18.2

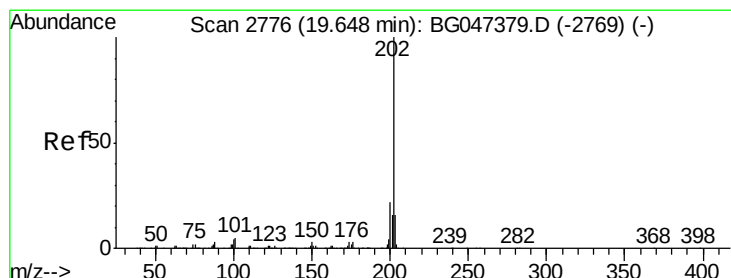
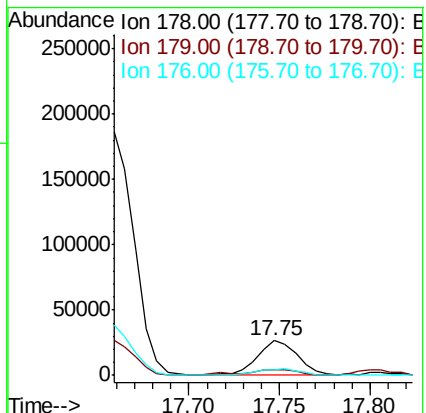
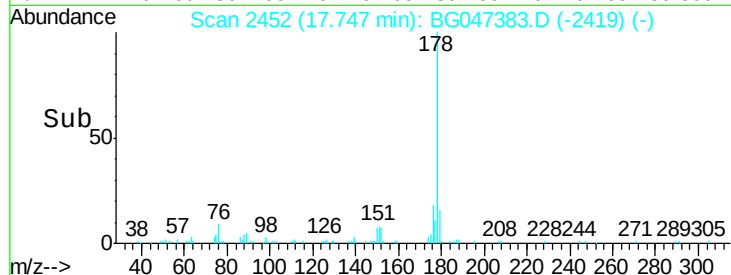
176 17.8 16.2 24.4



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: 54.462 ng/ul

RT: 19.65 min Scan# 2776

Delta R.T. 0.00 min

Lab File: BG047383.D

Acq: 20 Nov 2020 20:20

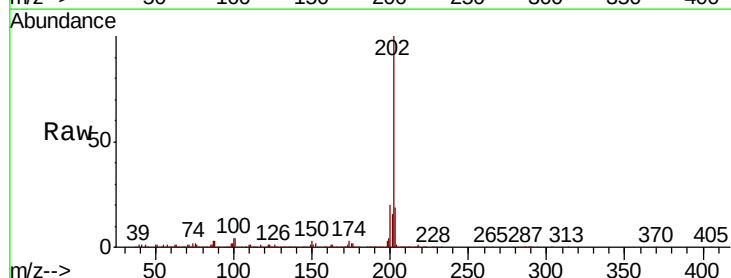
Tgt Ion:202 Resp: 699197

Ion Ratio Lower Upper

202 100

101 4.1 3.3 4.9

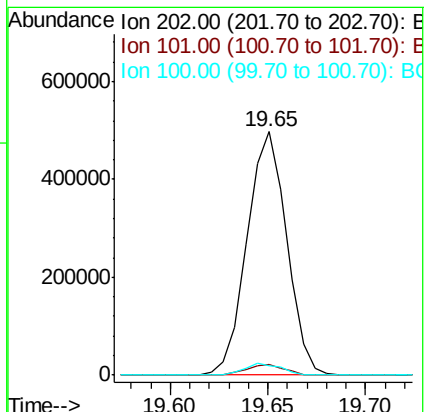
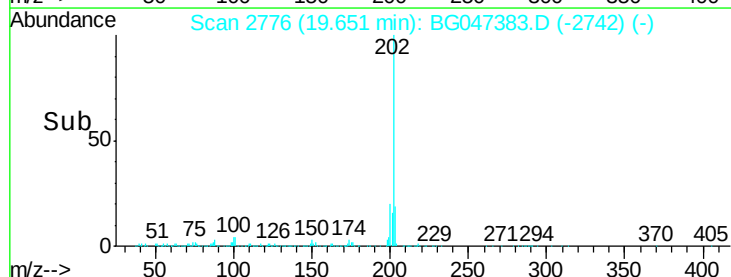
100 4.1 3.4 5.0

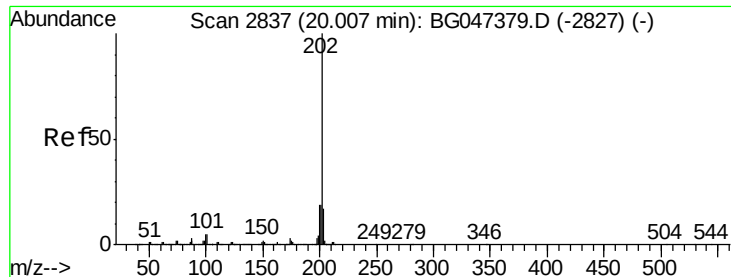


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pvrene

Concen: 31.765 ng/ul

RT: 20.01 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BG047383.D

Acq: 20 Nov 2020 20:20

Instrument :

BNA_G

ClientSampleId :

C0B53

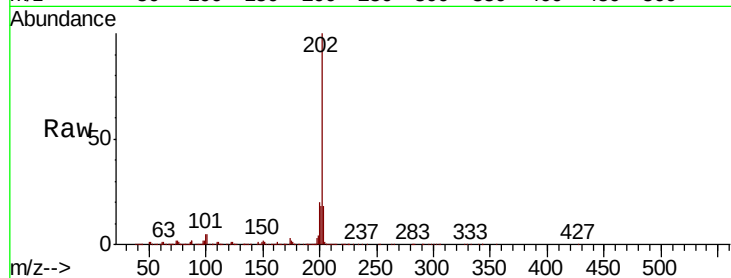
Tot Ion:202 Resp: 545300

Ion Ratio Lower Upper

202 100

101 4.8 5.0 7.4#

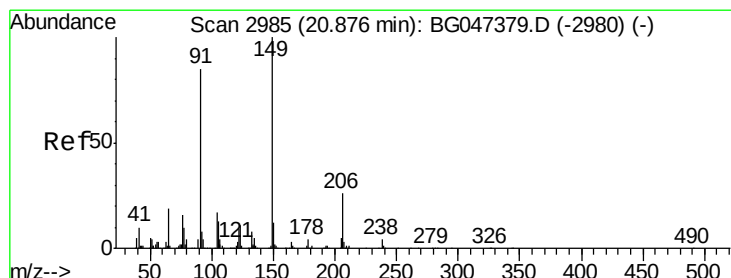
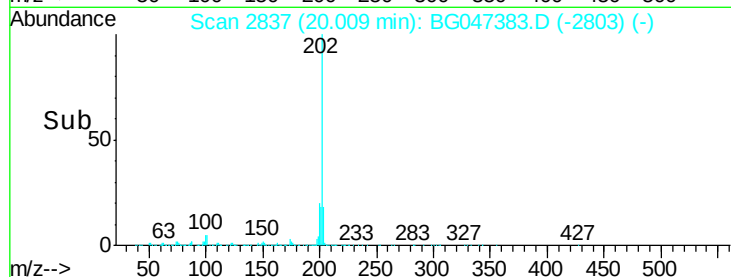
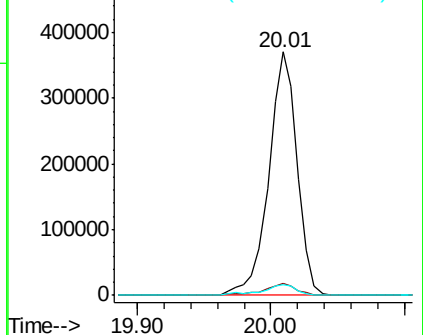
100 4.6 4.6 7.0#



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): E



#81

Butylbenzylphthalate

Concen: 9.140 ng/ul

RT: 20.88 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BG047383.D

Acq: 20 Nov 2020 20:20

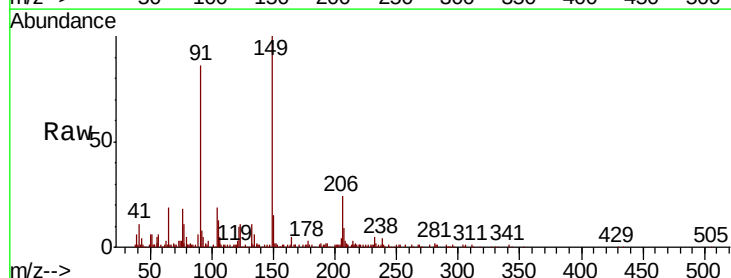
Tgt Ion:149 Resp: 55108

Ion Ratio Lower Upper

149 100

91 85.6 67.0 100.4

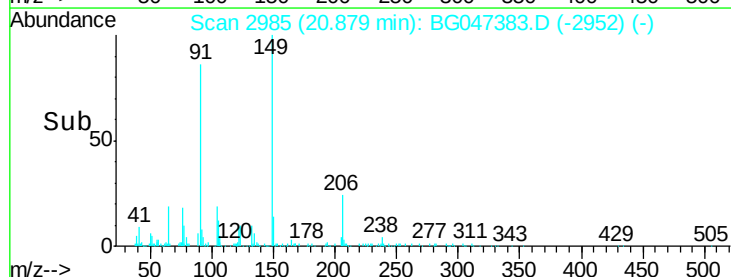
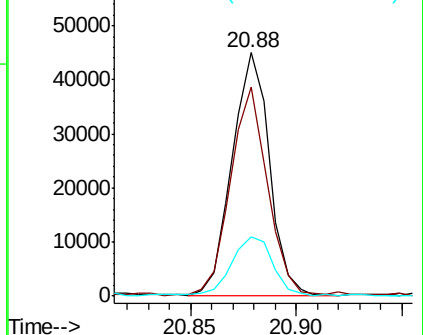
206 24.3 19.3 28.9

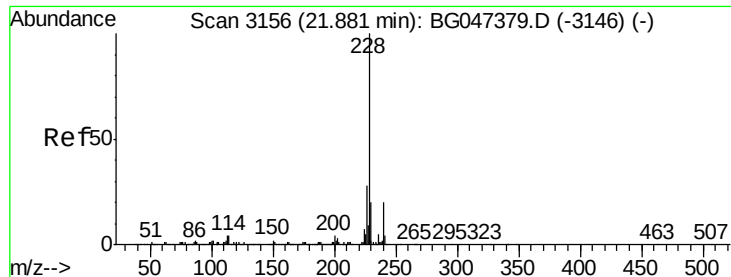


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#83

Benzo(a)anthracene

Concen: 18.780 ng/ul

RT: 21.88 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG047383.D

Acq: 20 Nov 2020 20:20

Instrument :

BNA_G

ClientSampleId :

C0B53

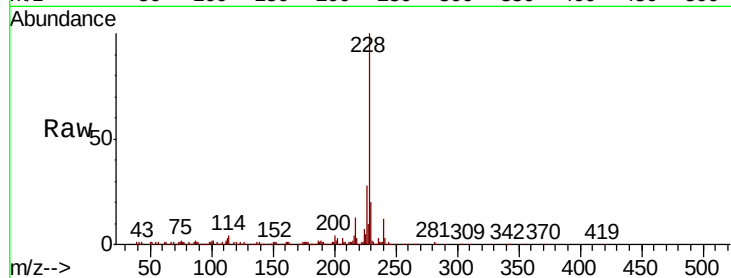
Tot Ion:228 Resp: 323829

Ion Ratio Lower Upper

228 100

229 20.4 16.2 24.2

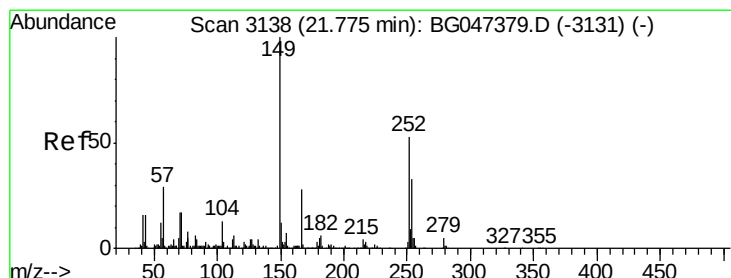
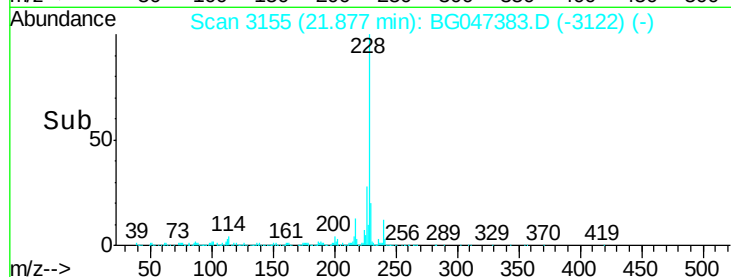
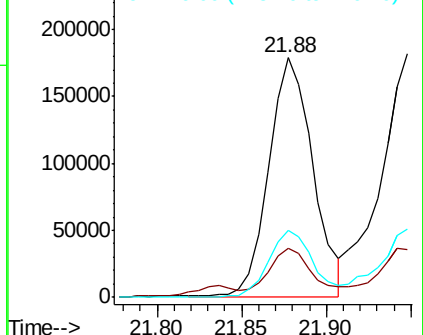
226 28.1 23.3 34.9



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: 13.751 ng/ul

RT: 21.77 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG047383.D

Acq: 20 Nov 2020 20:20

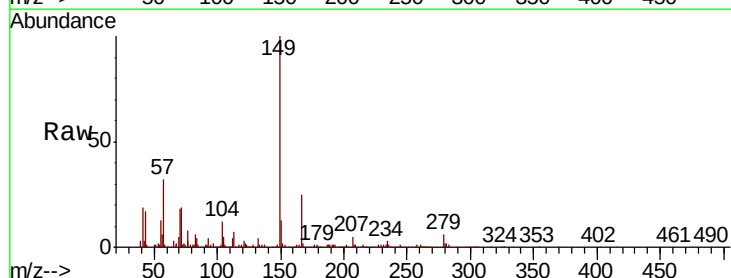
Tgt Ion:149 Resp: 115564

Ion Ratio Lower Upper

149 100

167 24.9 21.8 32.8

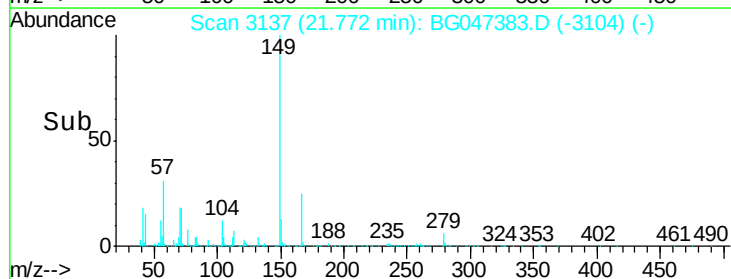
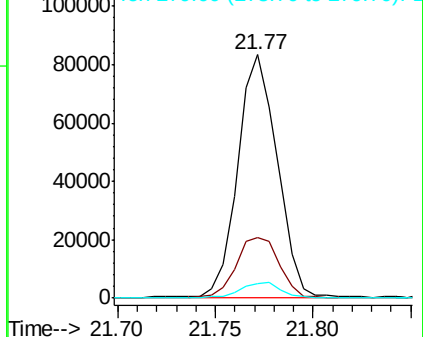
279 6.0 4.2 6.2

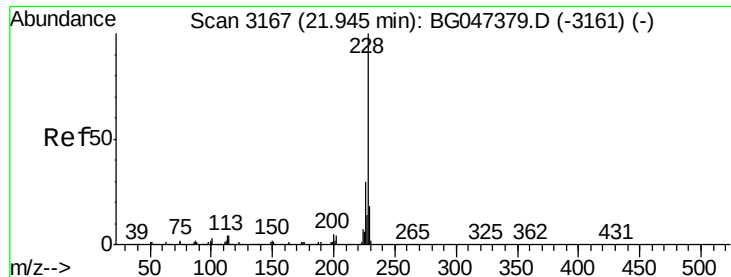


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 20.650 ng/ul

RT: 21.95 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG047383.D

Acq: 20 Nov 2020 20:20

Instrument :

BNA_G

ClientSampleId :

C0B53

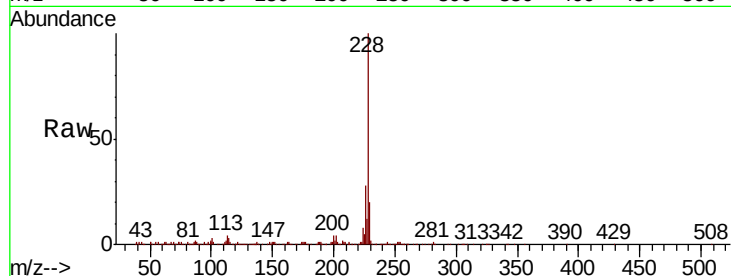
Tot Ion:228 Resp: 338841

Ion Ratio Lower Upper

228 100

226 28.0 23.8 35.6

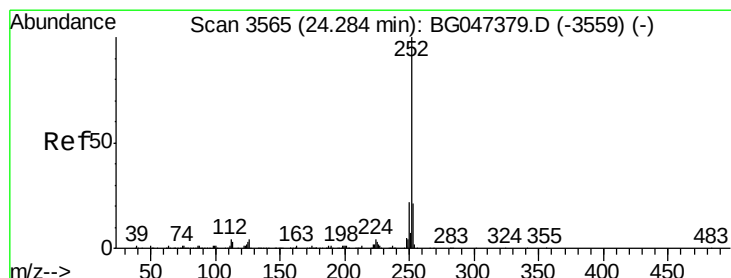
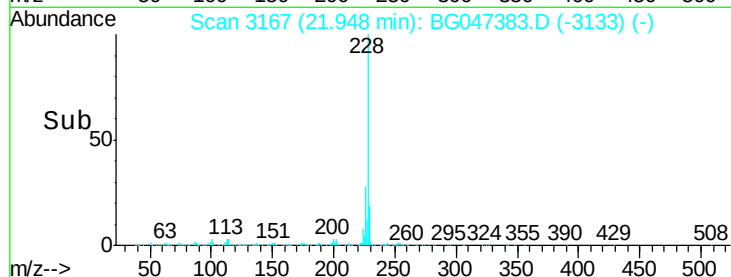
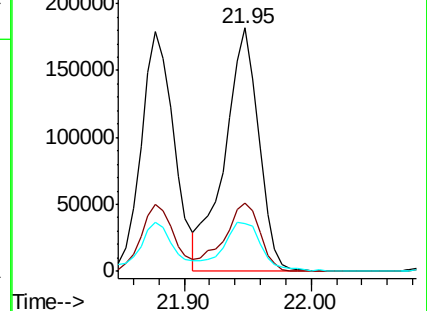
229 19.7 16.3 24.5



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: 24.180 ng/ul

RT: 24.22 min Scan# 3553

Delta R.T. 0.01 min

Lab File: BG047383.D

Acq: 20 Nov 2020 20:20

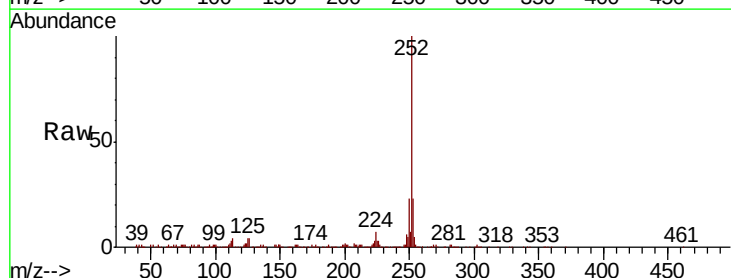
Tgt Ion:252 Resp: 448695

Ion Ratio Lower Upper

252 100

253 22.9 18.4 27.6

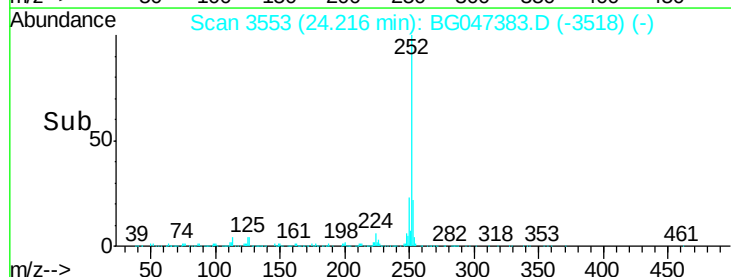
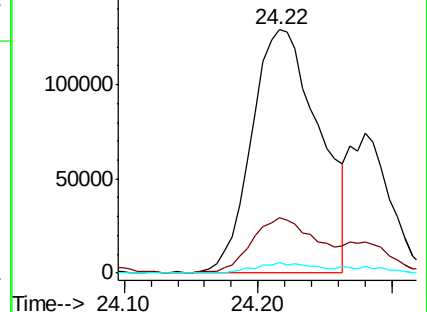
125 4.1 2.5 3.7#

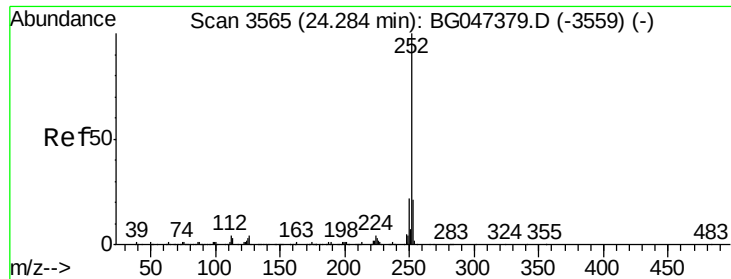


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 24.536 ng/ul

RT: 24.22 min Scan# 3553

Delta R.T. -0.07 min

Lab File: BG047383.D

Acq: 20 Nov 2020 20:20

Instrument :

BNA_G

ClientSampleId :

C0B53

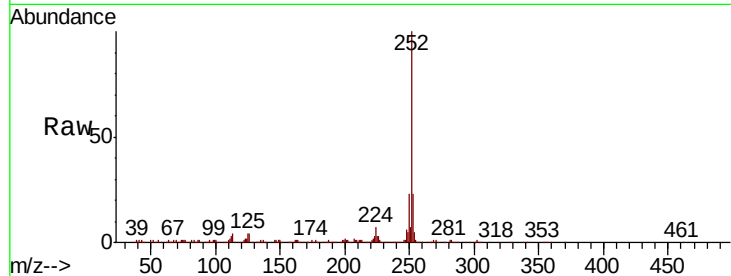
Tot Ion:252 Resp: 448695

Ion Ratio Lower Upper

252 100

253 22.9 16.7 25.1

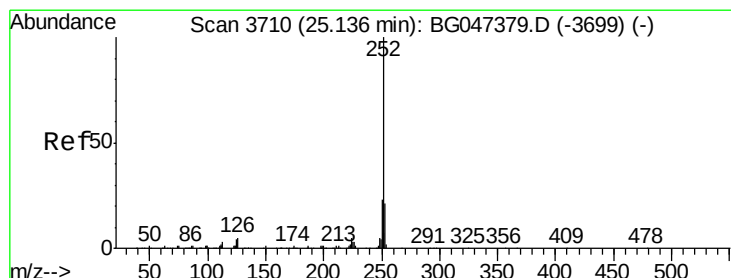
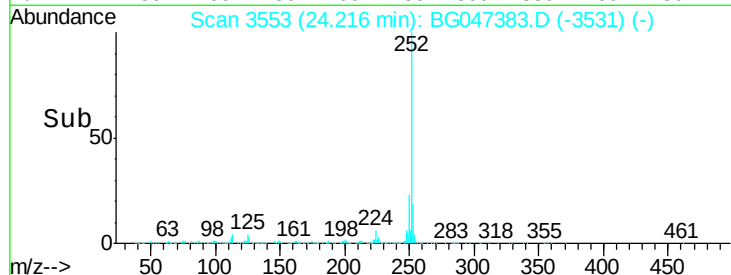
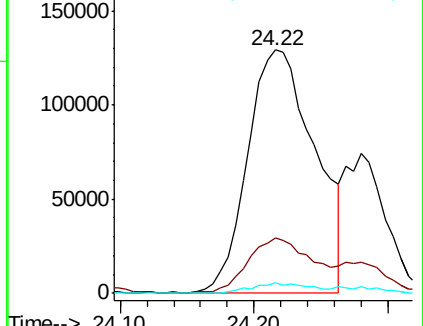
125 4.1 2.6 3.8#



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: 17.557 ng/ul

RT: 25.14 min Scan# 3710

Delta R.T. 0.00 min

Lab File: BG047383.D

Acq: 20 Nov 2020 20:20

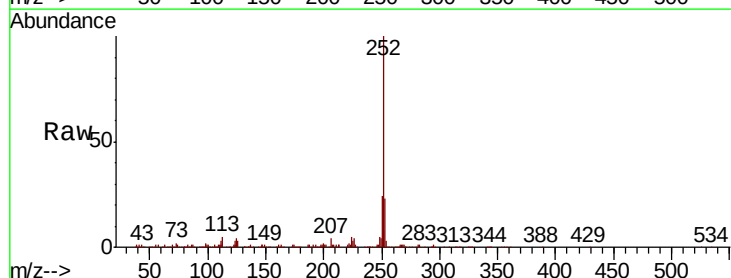
Tgt Ion:252 Resp: 290440

Ion Ratio Lower Upper

252 100

253 23.4 17.5 26.3

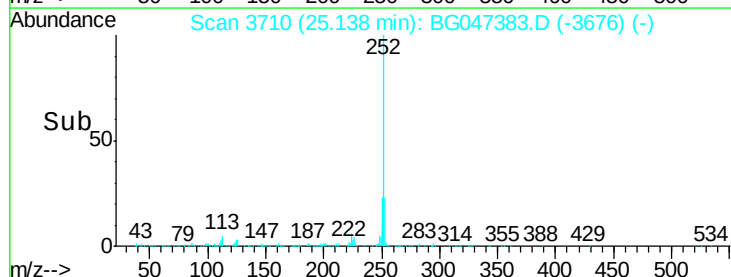
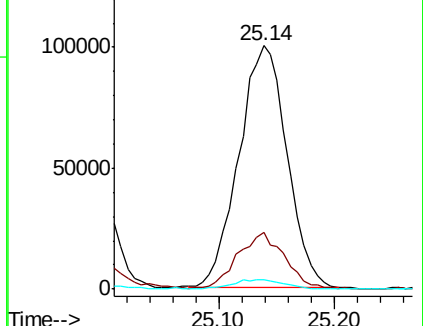
125 3.7 3.1 4.7

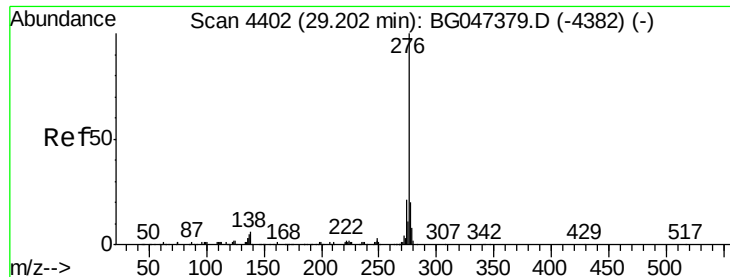


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



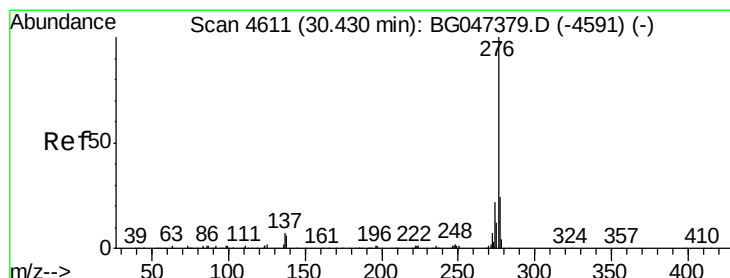
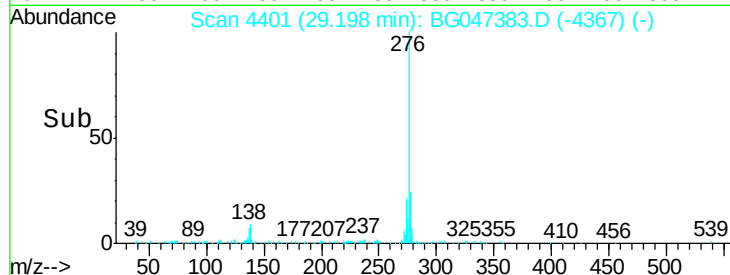
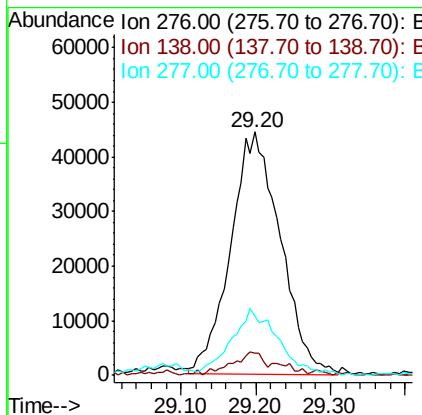
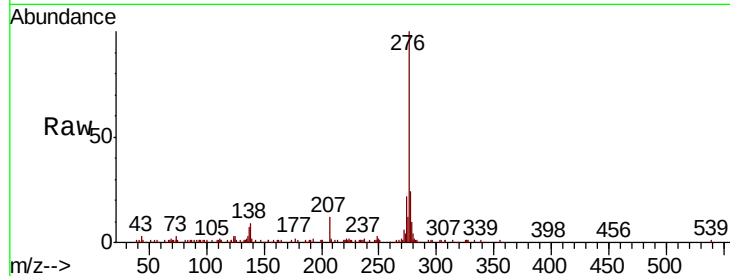


#92

Indeno(1,2,3-cd)pyrene
Concen: 10.167 ng/ul
RT: 29.20 min Scan# 4401
Delta R.T. 0.00 min
Lab File: BG047383.D
Acq: 20 Nov 2020 20:20

Instrument :
BNA_G
ClientSampleId :
C0B53

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.9	7.5	11.3
277	24.4	19.9	29.9



#94

Benzo(g,h,i)perylene
Concen: 3.488 ng/ul
RT: 30.40 min Scan# 4605
Delta R.T. -0.02 min
Lab File: BG047383.D
Acq: 20 Nov 2020 20:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.0	8.2	12.2#
277	20.2	17.5	26.3

