

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047453.D
 Acq On : 24 Nov 2020 19:29
 Operator : CG/JU
 Sample : L4751-08
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BG2

Quant Time: Nov 25 01:22:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 25 01:15:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	30178	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	118674	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	91963	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	209498	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	193276	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	204144	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	1418	1.71	ng/uL	0.00
5) Phenol-d5	7.40	99	36952	12.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	21951	12.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	29546	14.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	27733	11.92	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	15190	15.50	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	16530	15.45	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.71	165	35247	14.39	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	34407	13.89	ng/ul	0.00
44) Dimethylphthalate-d6	14.27	166	113890	14.43	ng/ul	-0.01
47) Acenaphthylene-d8	14.58	160	135992	14.91	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	11884	9.87	ng/ul	-0.01
58) Fluorene-d10	15.87	176	105001	14.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	7210	6.05	ng/ul	-0.01
71) Anthracene-d10	17.72	188	162650	15.65	ng/ul	0.00
79) Pyrene-d10	19.98	212	176302	15.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	178450	15.19	ng/ul	-0.01

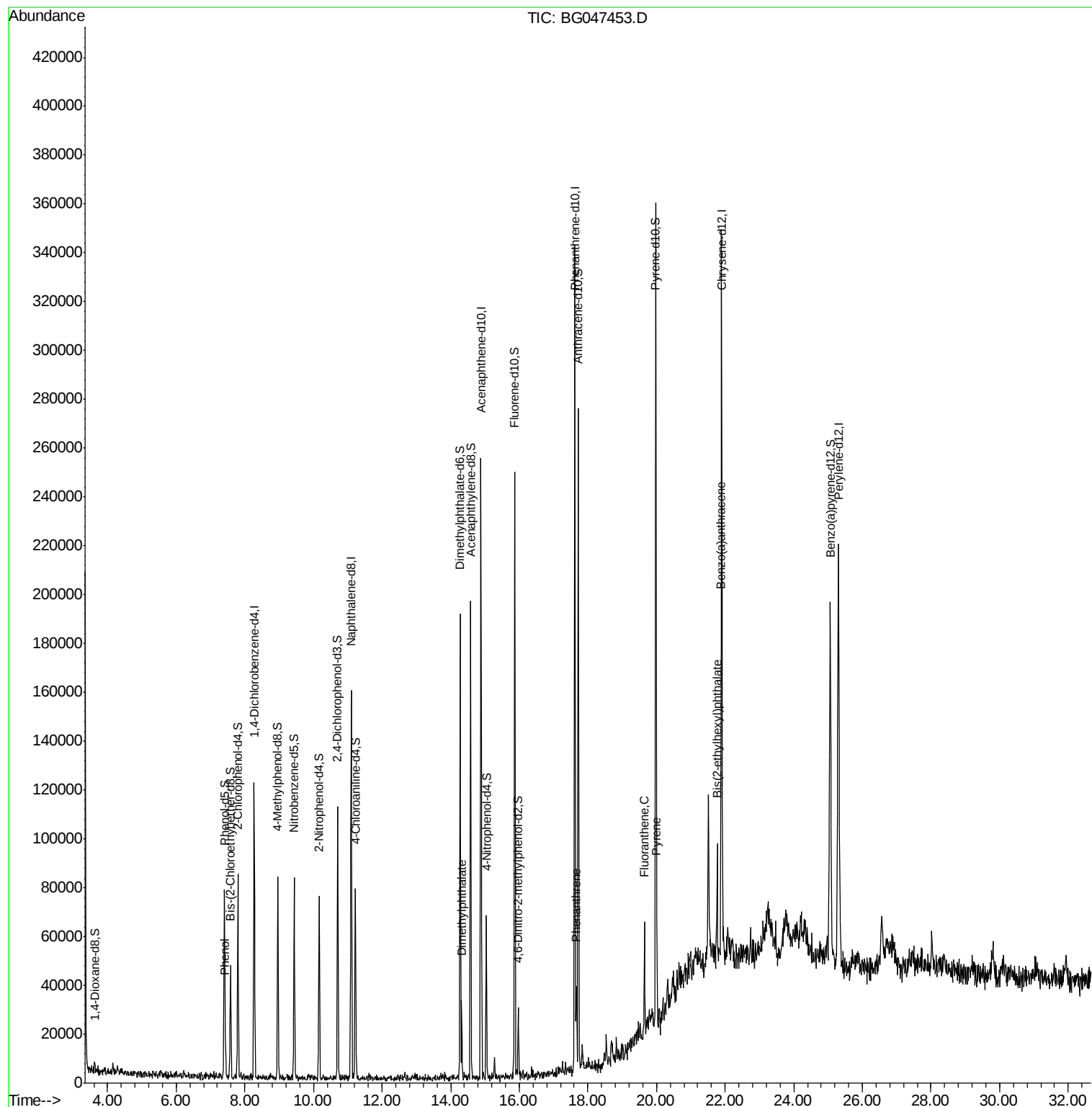
Target Compounds				Ovalue		
6) Phenol	7.43	94	7024	2.422	ng/ul#	90
45) Dimethylphthalate	14.32	163	16168	2.008	ng/ul#	97
70) Phenanthrene	17.66	178	19601	1.733	ng/ul#	81
77) Fluoranthene	19.65	202	26352	1.844	ng/ul#	96
80) Pyrene	20.01	202	22013	1.608	ng/ul#	94
83) Benzo(a)anthracene	21.88	228	14908	1.084	ng/ul#	86
84) Bis(2-ethylhexyl)phthalate	21.77	149	17933	2.676	ng/ul	98

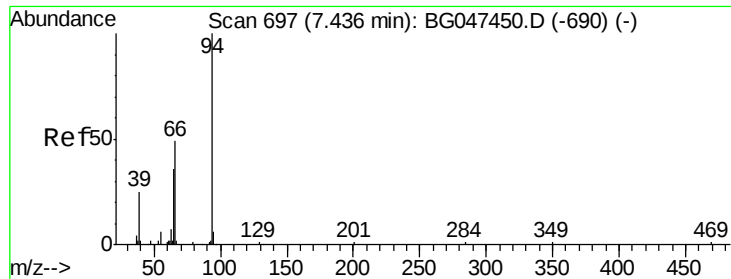
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.422 ng/ul

RT: 7.43 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG047453.D

Acq: 24 Nov 2020 19:29

Instrument :

BNA_G

ClientSampled :

C0BG2

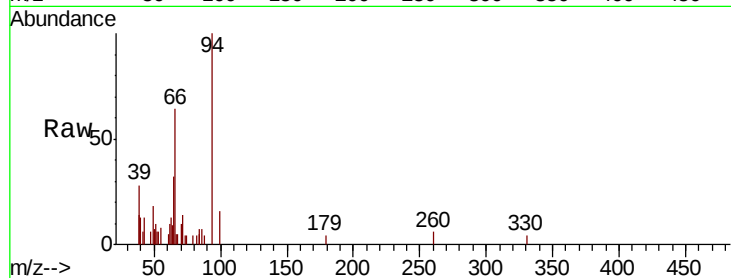
Tot Ion: 94 Resp: 7024

Ion Ratio Lower Upper

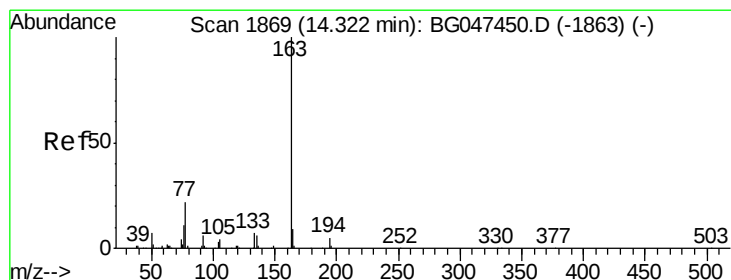
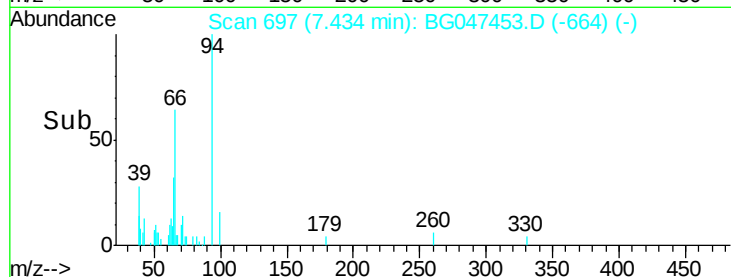
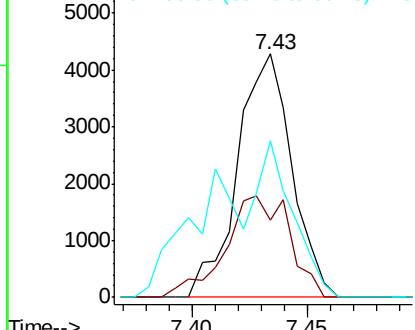
94 100

65 31.5 37.8 56.8#

66 64.4 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: 2.008 ng/ul

RT: 14.32 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BG047453.D

Acq: 24 Nov 2020 19:29

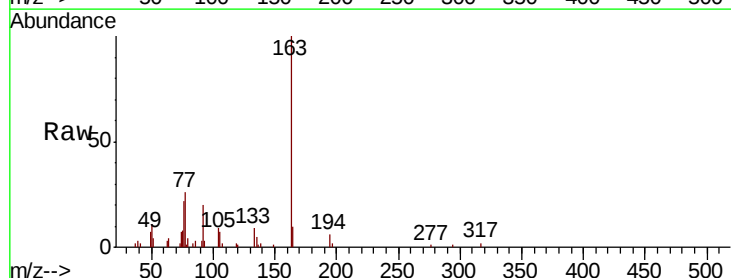
Tgt Ion: 163 Resp: 16168

Ion Ratio Lower Upper

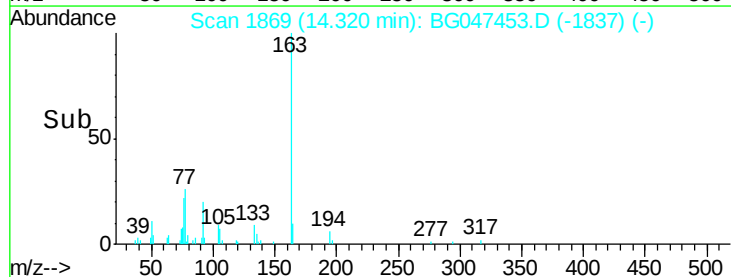
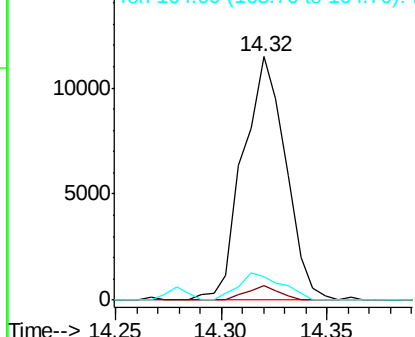
163 100

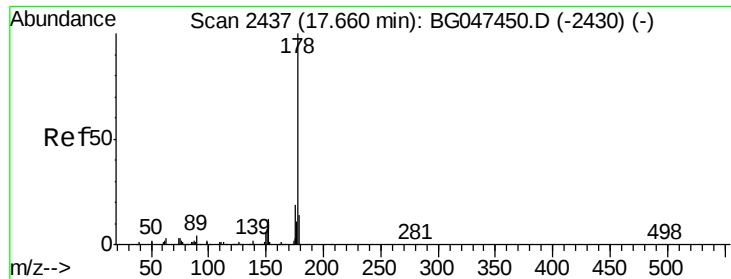
194 6.0 3.6 5.4#

164 9.8 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: 1.733 ng/ul

RT: 17.66 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG047453.D

Acq: 24 Nov 2020 19:29

Instrument :

BNA_G

ClientSampleId :

C0BG2

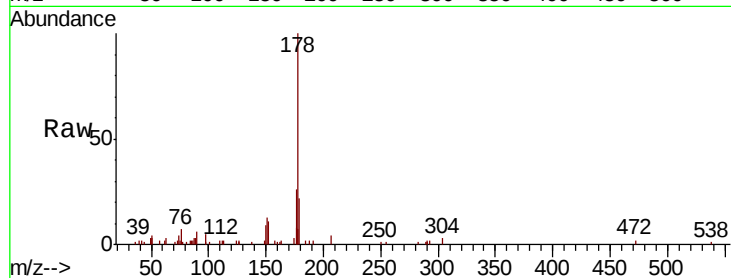
Tot Ion:178 Resp: 19601

Ion Ratio Lower Upper

178 100

179 21.6 11.8 17.6#

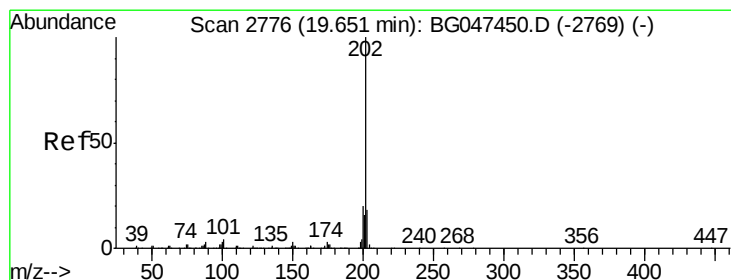
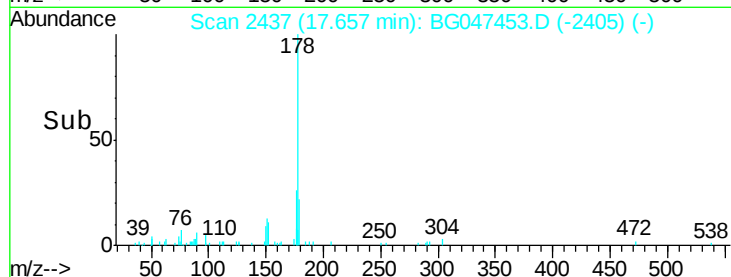
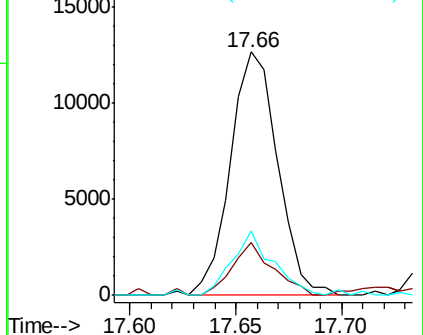
176 26.3 13.9 20.9#



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



#77

Fluoranthene

Concen: 1.844 ng/ul

RT: 19.65 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG047453.D

Acq: 24 Nov 2020 19:29

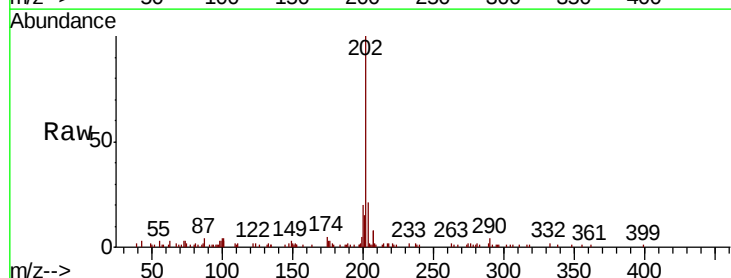
Tgt Ion:202 Resp: 26352

Ion Ratio Lower Upper

202 100

101 3.5 3.0 4.6

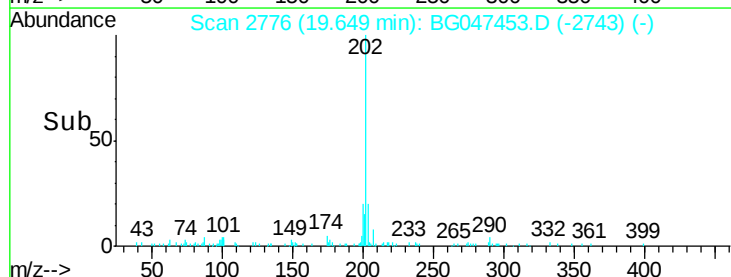
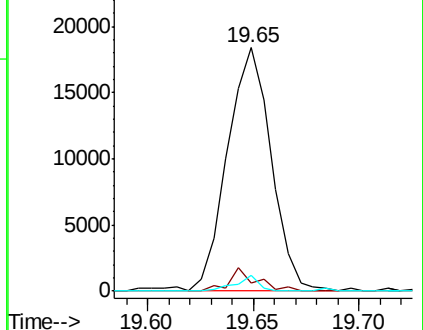
100 6.4 3.0 4.6#

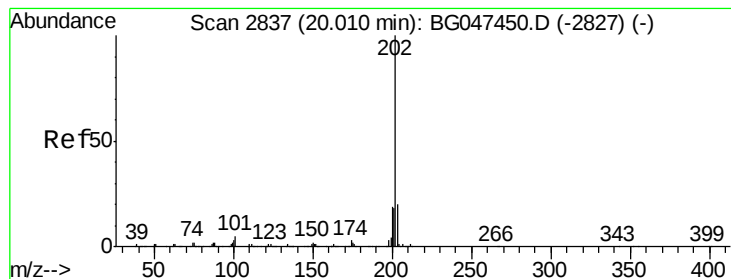


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#80

Pvrene

Concen: 1.608 ng/ul

RT: 20.01 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG047453.D

Acq: 24 Nov 2020 19:29

Instrument :

BNA_G

ClientSampleId :

C0BG2

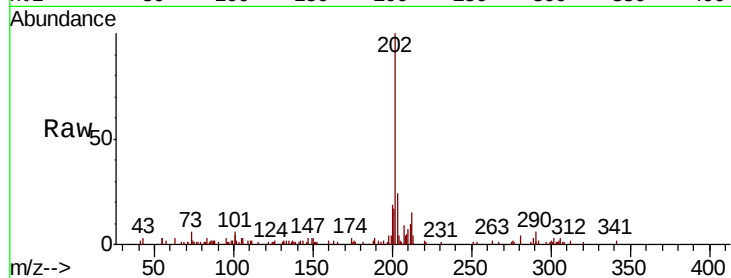
Tot Ion:202 Resp: 22013

Ion Ratio Lower Upper

202 100

101 8.0 3.5 5.3#

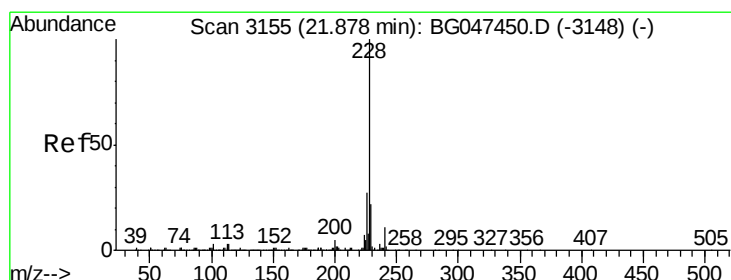
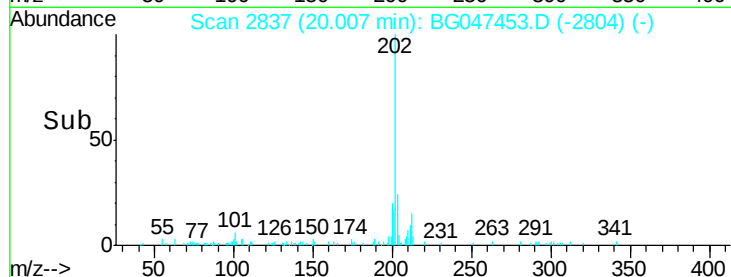
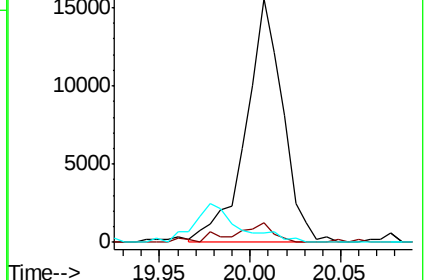
100 4.1 3.4 5.0



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): E



#83

Benzo(a)anthracene

Concen: 1.084 ng/ul

RT: 21.88 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG047453.D

Acq: 24 Nov 2020 19:29

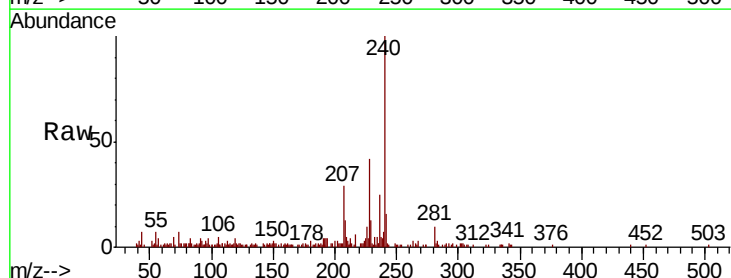
Tgt Ion:228 Resp: 14908

Ion Ratio Lower Upper

228 100

229 30.1 15.6 23.4#

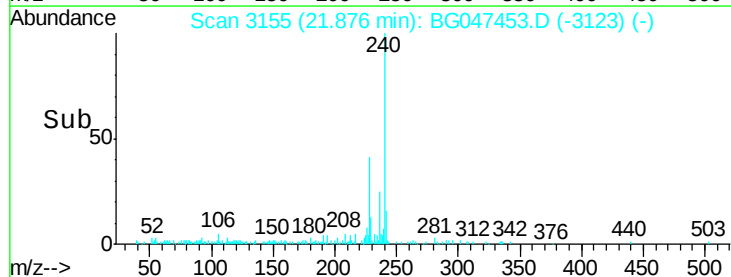
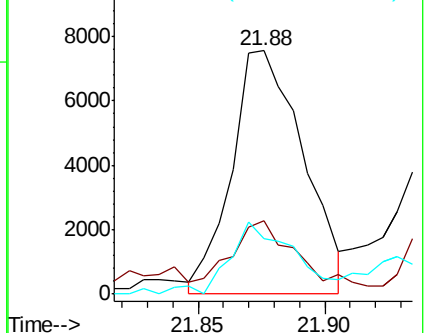
226 23.0 21.7 32.5

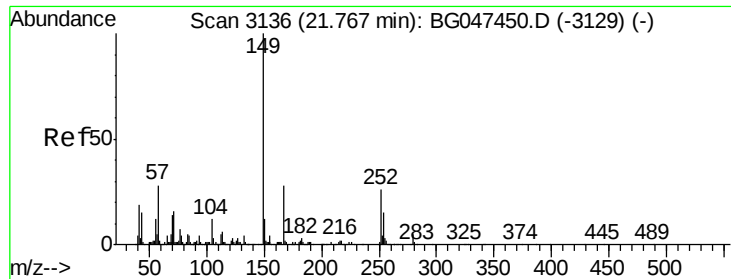


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.676 ng/ul

RT: 21.77 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG047453.D

Acq: 24 Nov 2020 19:29

Instrument :

BNA_G

ClientSampleId :

C0BG2

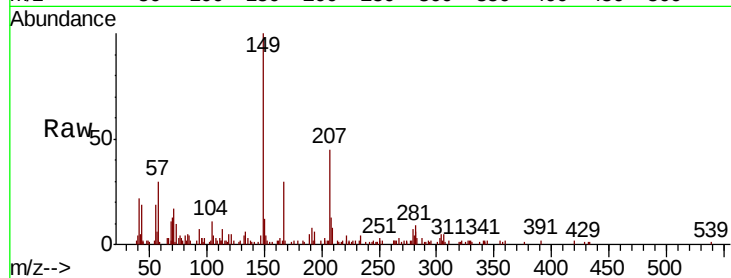
Tot Ion:149 Resp: 17933

Ion Ratio Lower Upper

149 100

167 30.4 23.4 35.2

279 6.6 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

