

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047422.D
 Acq On : 23 Nov 2020 18:32
 Operator : CG/JU
 Sample : L4749-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B16

Quant Time: Nov 24 00:55:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 24 00:48:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	36196	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	147954	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	111239	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	246808	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	218144	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	225683	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	1443	1.45	ng/uL	0.00
5) Phenol-d5	7.40	99	44276	12.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	23385	11.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	32804	13.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	31672	11.35	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	17029	13.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	19654	14.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	41692	13.66	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	43114	13.96	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	130547	13.67	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	156933	14.22	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	14896	10.22	ng/ul	0.00
58) Fluorene-d10	15.87	176	120065	13.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	7564	5.38	ng/ul	-0.01
71) Anthracene-d10	17.72	188	180630	14.75	ng/ul	0.00
79) Pyrene-d10	19.98	212	203218	16.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	194142	14.95	ng/ul	0.00

Target Compounds

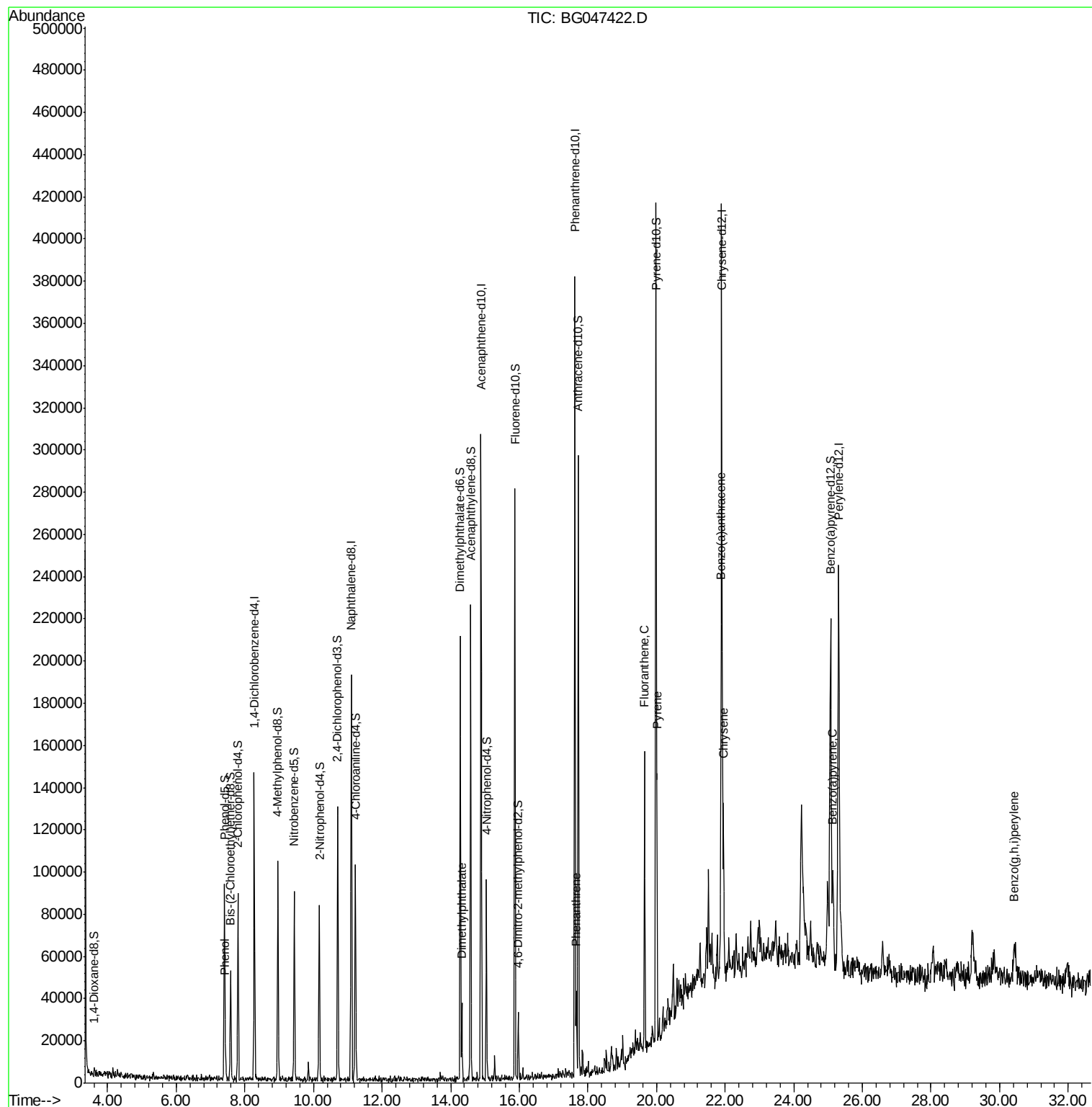
					Ovalue	
6) Phenol	7.43	94	6437	1.851	ng/ul#	77
45) Dimethylphthalate	14.33	163	19551	2.007	ng/ul	96
70) Phenanthrene	17.66	178	25674	1.926	ng/ul#	90
77) Fluoranthene	19.65	202	92388	5.489	ng/ul#	97
80) Pyrene	20.01	202	79608	5.152	ng/ul#	95
83) Benzo(a)anthracene	21.88	228	59933	3.861	ng/ul	98
85) Chrysene	21.95	228	62113	4.205	ng/ul	98
91) Benzo(a)pyrene	25.14	252	54329	3.825	ng/ul	99
94) Benzo(a,h,i)perylene	30.43	276	22285	1.563	ng/ul#	89

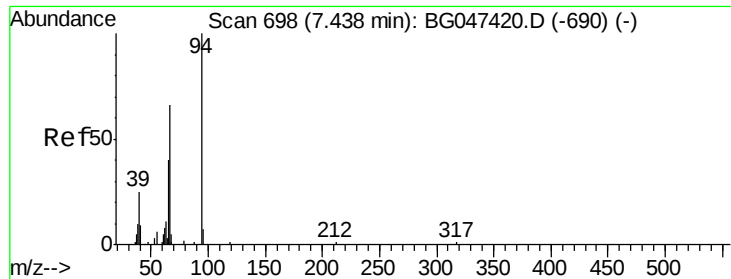
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047422.D
Acq On : 23 Nov 2020 18:32
Operator : CG/JU
Sample : L4749-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B16

Quant Time: Nov 24 00:55:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 24 00:48:19 2020
Response via : Initial Calibration





#6

Phenol

Concen: 1.851 ng/ul

RT: 7.43 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG047422.D

Acq: 23 Nov 2020 18:32

Instrument :

BNA_G

ClientSampleId :

C0B16

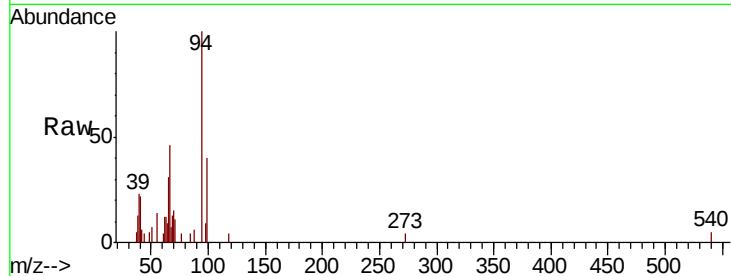
Tot Ion: 94 Resp: 6437

Ion Ratio Lower Upper

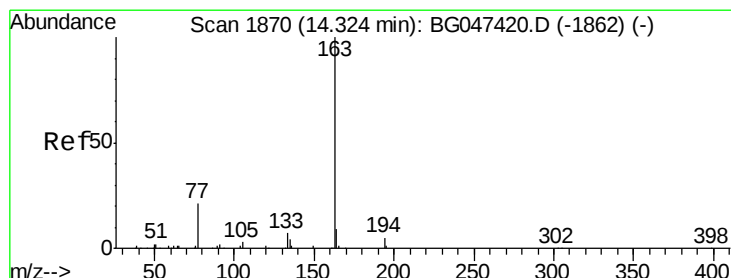
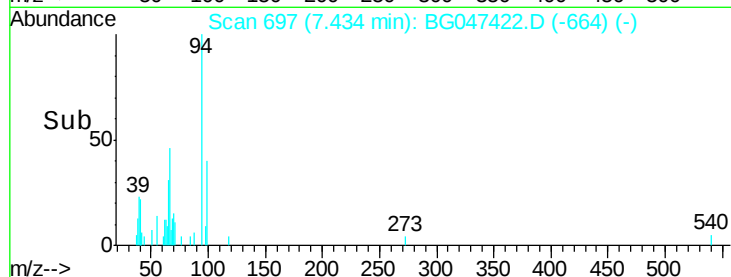
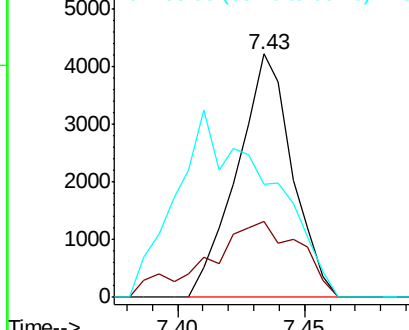
94 100

65 31.3 37.8 56.8#

66 46.3 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: 2.007 ng/ul

RT: 14.33 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BG047422.D

Acq: 23 Nov 2020 18:32

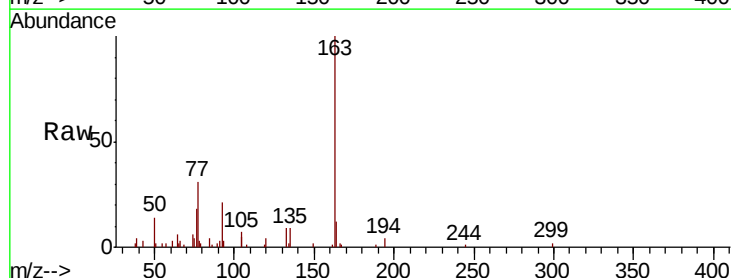
Tgt Ion:163 Resp: 19551

Ion Ratio Lower Upper

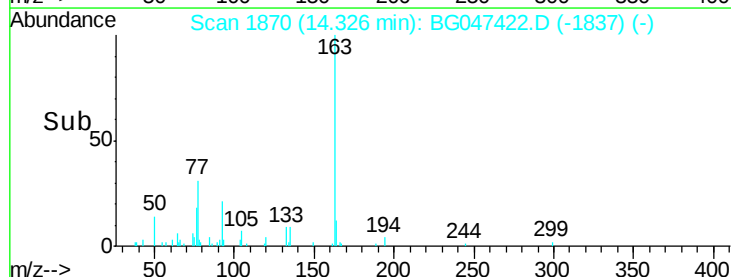
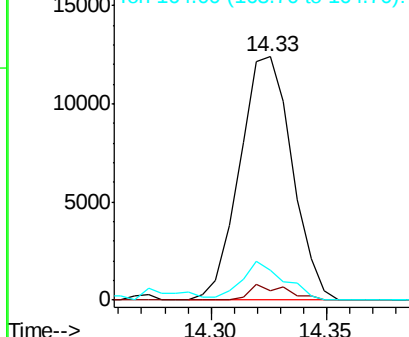
163 100

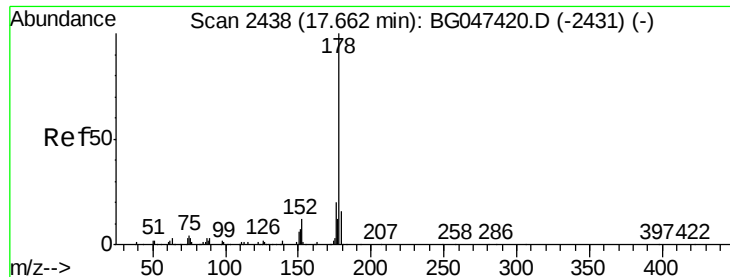
194 4.0 3.6 5.4

164 12.4 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: 1.926 ng/ul

RT: 17.66 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG047422.D

Acq: 23 Nov 2020 18:32

Instrument :

BNA_G

ClientSampleId :

C0B16

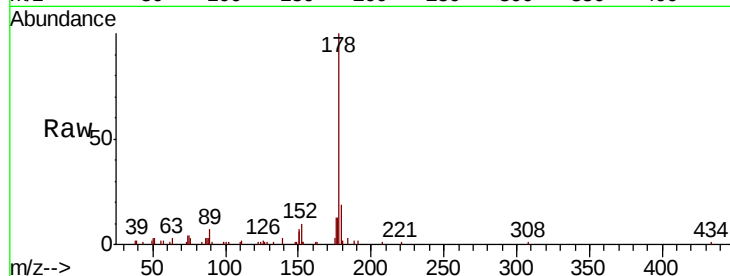
Tot Ion:178 Resp: 25674

Ion Ratio Lower Upper

178 100

179 18.9 11.8 17.6#

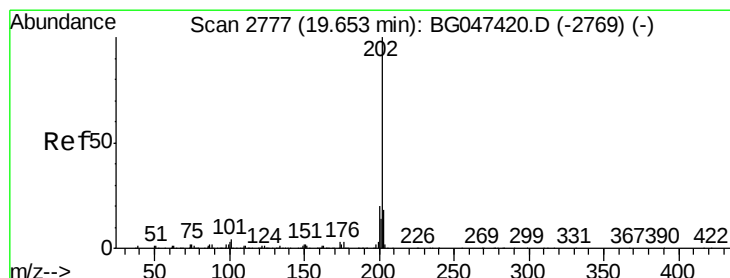
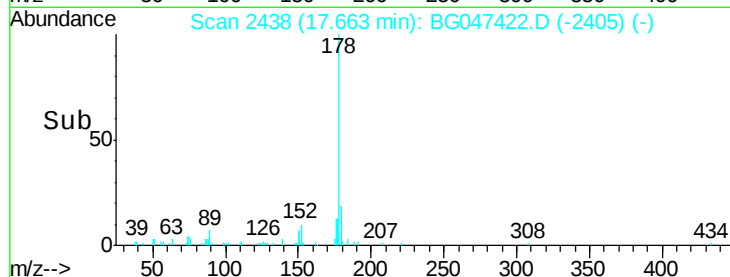
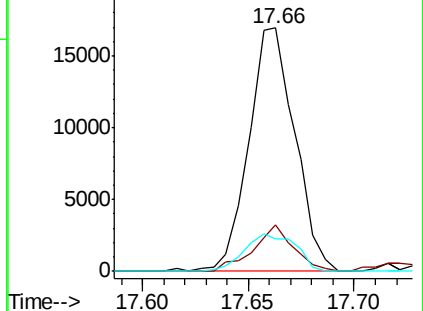
176 13.4 13.9 20.9#



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: 5.489 ng/ul

RT: 19.65 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG047422.D

Acq: 23 Nov 2020 18:32

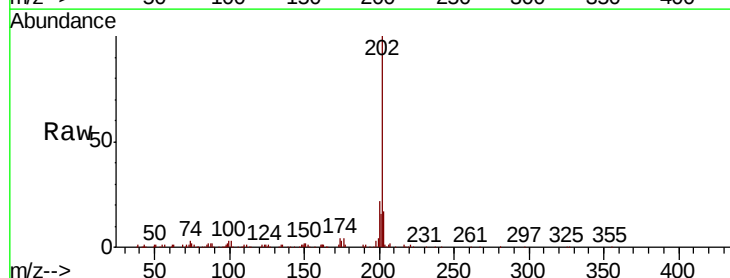
Tgt Ion:202 Resp: 92388

Ion Ratio Lower Upper

202 100

101 3.1 3.0 4.6

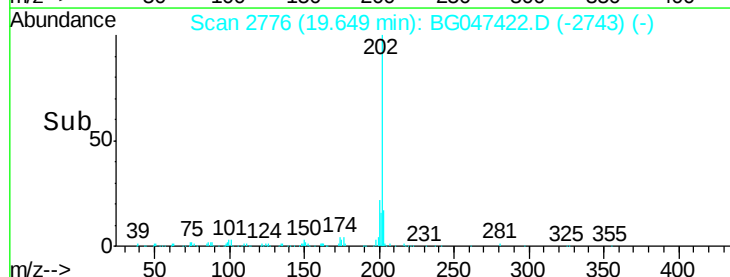
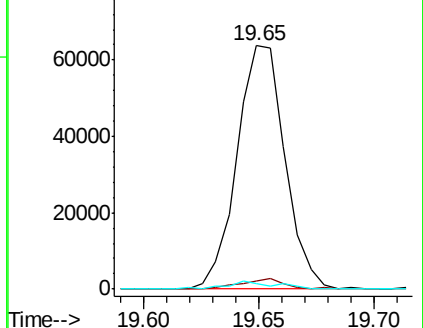
100 2.5 3.0 4.6#

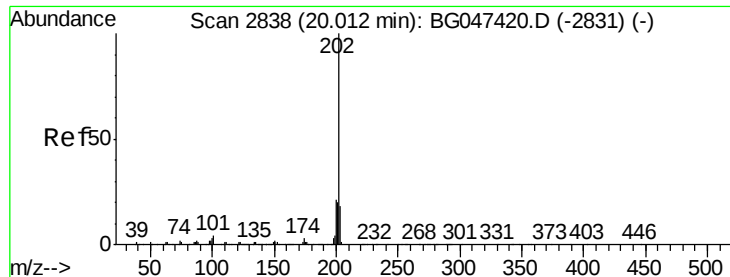


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#80

Pvrene

Concen: 5.152 ng/ul

RT: 20.01 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG047422.D

Acq: 23 Nov 2020 18:32

Instrument :

BNA_G

ClientSampleId :

C0B16

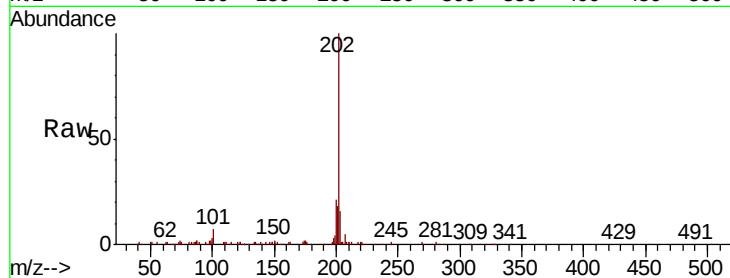
Tot Ion:202 Resp: 79608

Ion Ratio Lower Upper

202 100

101 6.7 3.5 5.3#

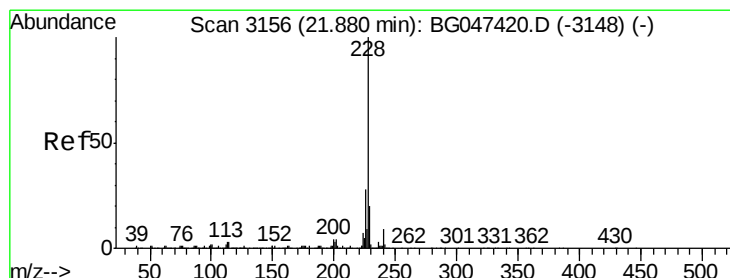
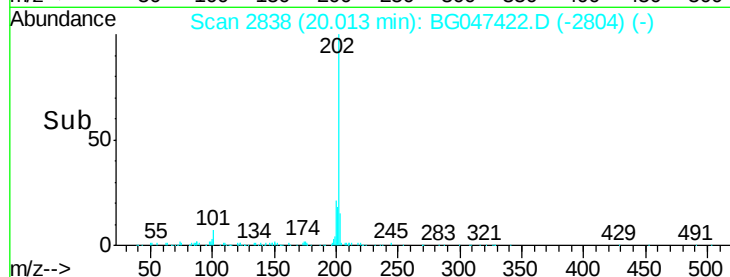
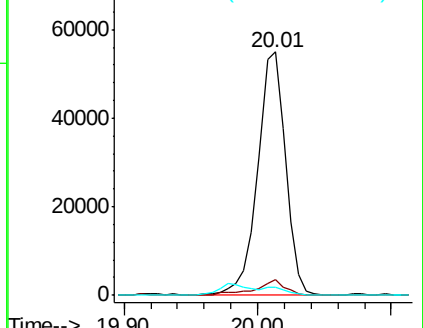
100 3.5 3.4 5.0



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: 3.861 ng/ul

RT: 21.88 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG047422.D

Acq: 23 Nov 2020 18:32

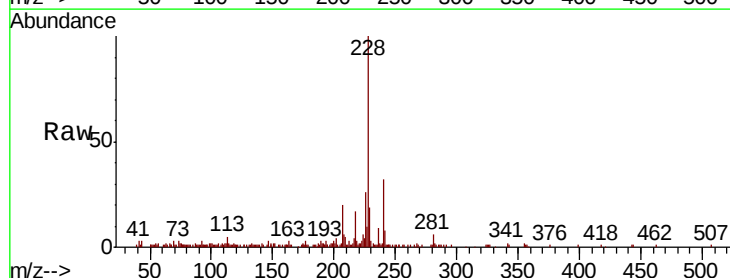
Tgt Ion:228 Resp: 59933

Ion Ratio Lower Upper

228 100

229 18.6 15.6 23.4

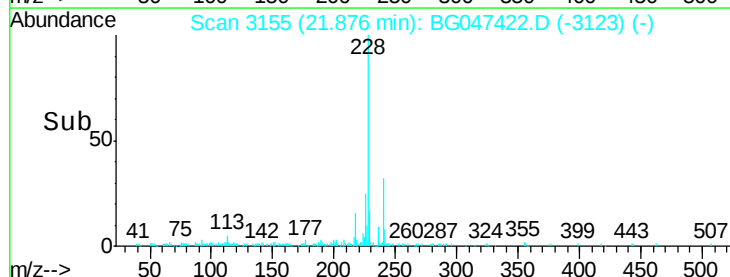
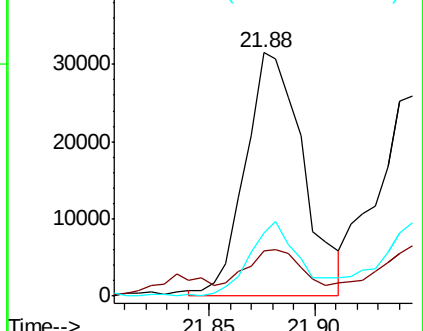
226 25.8 21.7 32.5

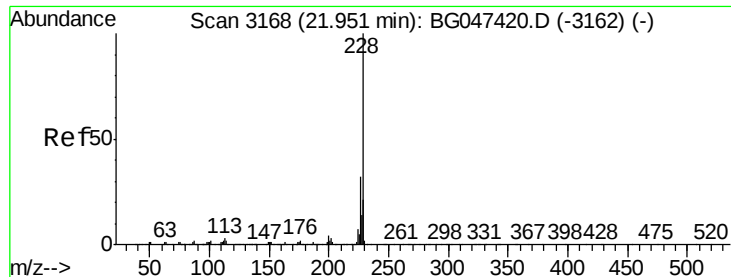


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#85

Chrysene

Concen: 4.205 ng/ul

RT: 21.95 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG047422.D

Acq: 23 Nov 2020 18:32

Instrument :

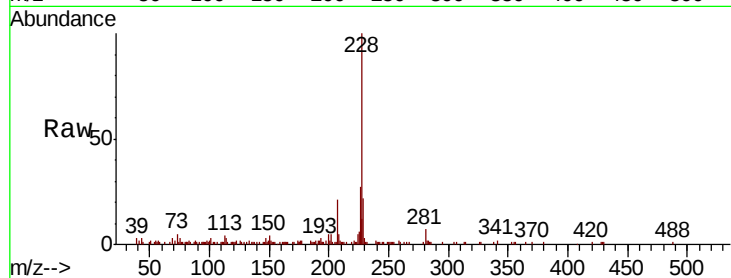
BNA_G

ClientSampleId :

C0B16

Tot Ion:228 Resp: 62113

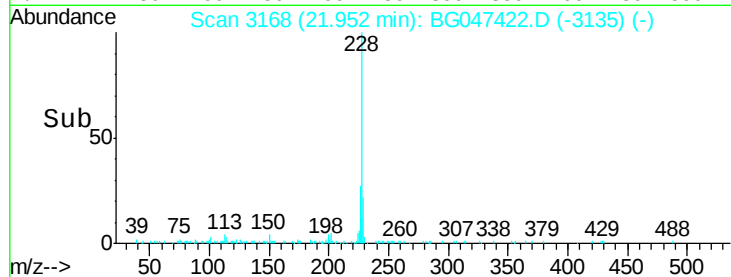
Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.3	33.5
229	22.1	16.5	24.7



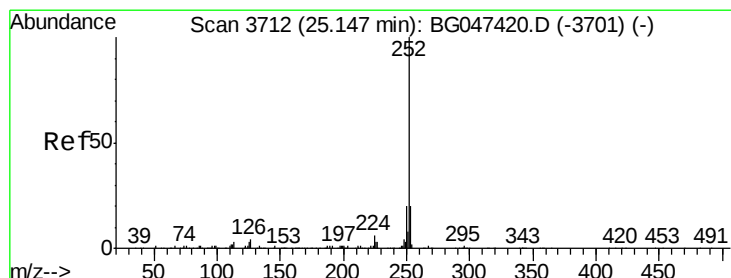
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#91

Benzo(a)pyrene

Concen: 3.825 ng/ul

RT: 25.14 min Scan# 3711

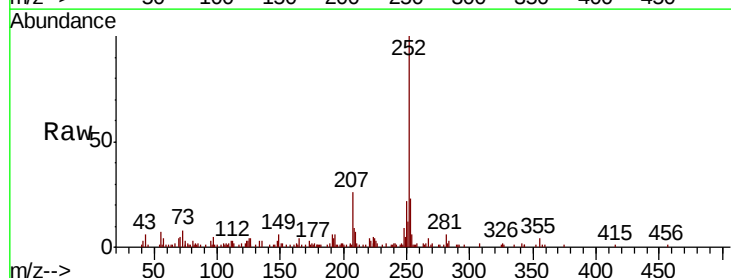
Delta R.T. -0.00 min

Lab File: BG047422.D

Acq: 23 Nov 2020 18:32

Tgt Ion:252 Resp: 54329

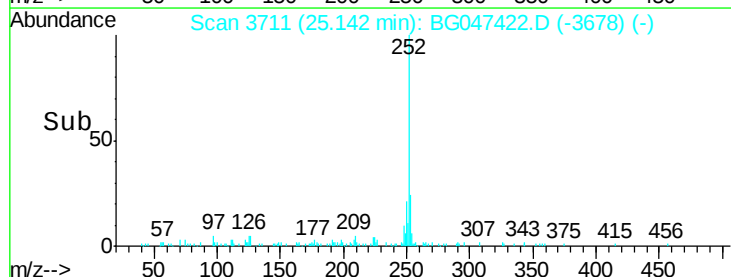
Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	27.8
125	4.5	3.1	4.7



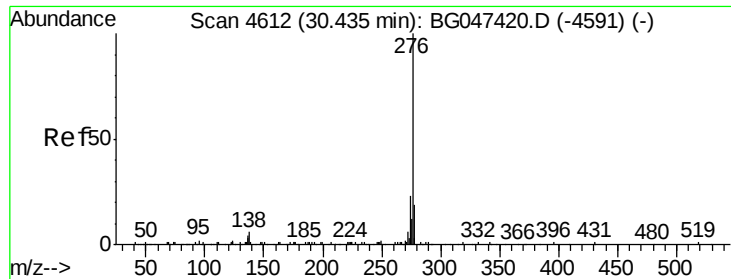
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#94

Benzo(a,h,i)perylene

Concen: 1.563 ng/ul

RT: 30.43 min Scan# 4611

Delta R.T. -0.02 min

Lab File: BG047422.D

Acq: 23 Nov 2020 18:32

Instrument :

BNA_G

ClientSampleId :

C0B16

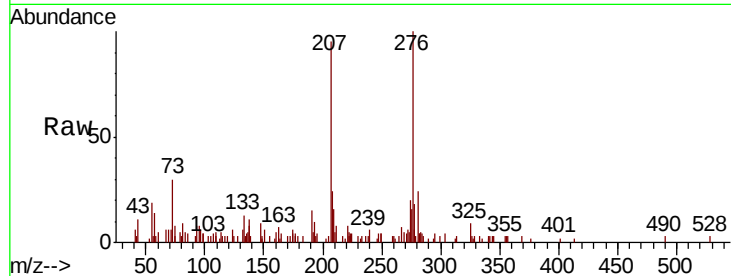
Tot Ion:276 Resp: 22285

Ion Ratio Lower Upper

276 100

138 13.9 5.8 8.6#

277 17.9 17.4 26.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

