

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047612.D
 Acq On : 5 Dec 2020 19:16
 Operator : CG/JU
 Sample : L4864-17
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AZ5

Quant Time: Dec 07 05:09:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 05:06:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	35911	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.08	136	143293	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.87	164	108323	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.60	188	264688	20.00	ng/ul	-0.02
78) Chrysene-d12	21.88	240	233697	20.00	ng/ul	-0.02
86) Perylene-d12	25.27	264	247884	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	222	0.22	ng/uL	0.00
5) Phenol-d5	7.38	99	28706	7.97	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.56	67	17401	8.47	ng/ul	-0.03
9) 2-Chlorophenol-d4	7.78	132	25728	10.65	ng/ul	-0.02
13) 4-Methylphenol-d8	8.94	113	16509	5.97	ng/ul	-0.02
19) Nitrobenzene-d5	9.42	128	13639	11.52	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.15	143	16623	12.87	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.69	165	28604	9.67	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.20	131	22442	7.50	ng/ul	-0.02
44) Dimethylphthalate-d6	14.25	166	101162	10.88	ng/ul	-0.02
47) Acenaphthylene-d8	14.56	160	118053	10.98	ng/ul	-0.02
52) 4-Nitrophenol-d4	15.03	143	13591	9.58	ng/ul	0.00
58) Fluorene-d10	15.85	176	94503	11.09	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.95	200	15834	10.51	ng/ul	-0.02
71) Anthracene-d10	17.70	188	147104	11.20	ng/ul	-0.02
79) Pyrene-d10	19.97	212	183313	13.48	ng/ul	-0.01
90) Benzo(a)pyrene-d12	25.03	264	185692	13.01	ng/ul	-0.03

Target Compounds

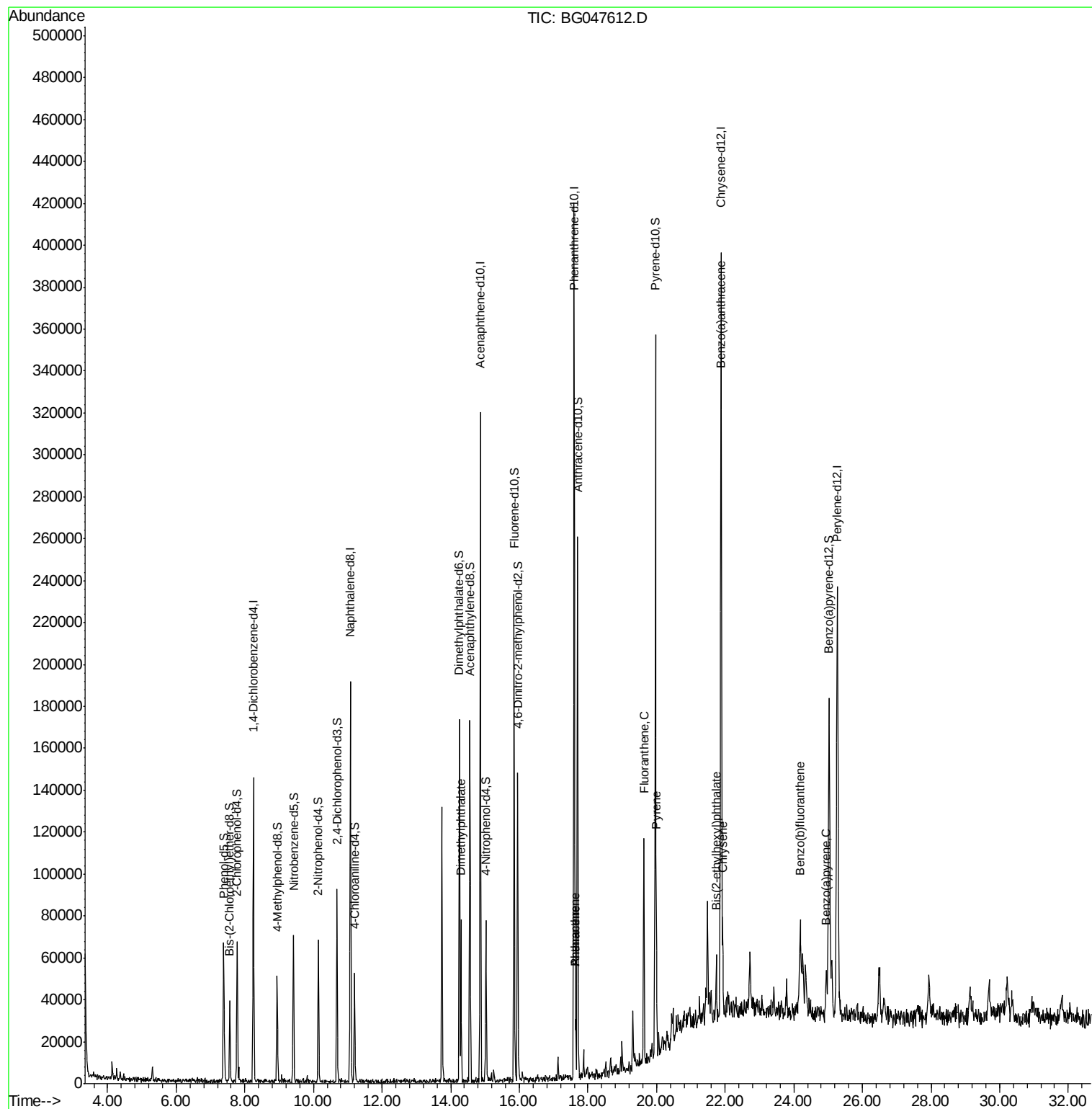
					Ovalue	
45) Dimethylphthalate	14.30	163	42551	4.486	ng/ul#	97
70) Phenanthrene	17.64	178	18724	1.310	ng/ul	96
72) Anthracene	17.64	178	18724	1.301	ng/ul	96
77) Fluoranthene	19.63	202	65378	3.622	ng/ul#	96
80) Pyrene	19.99	202	51501	3.111	ng/ul#	90
83) Benzo(a)anthracene	21.86	228	29790	1.792	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.74	149	9519	1.175	ng/ul#	94
85) Chrysene	21.92	228	36178	2.286	ng/ul	98
88) Benzo(b)fluoranthene	24.18	252	51253	2.928	ng/ul#	92
91) Benzo(a)pyrene	24.94	252	20124	1.290	ng/ul	98

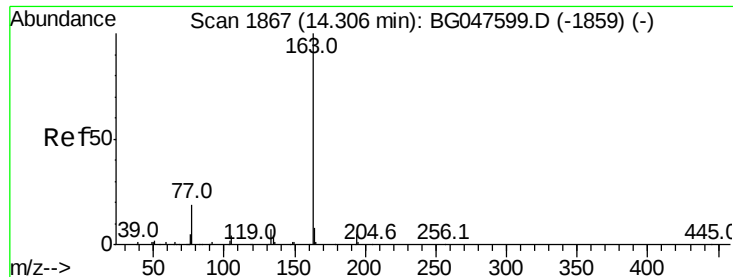
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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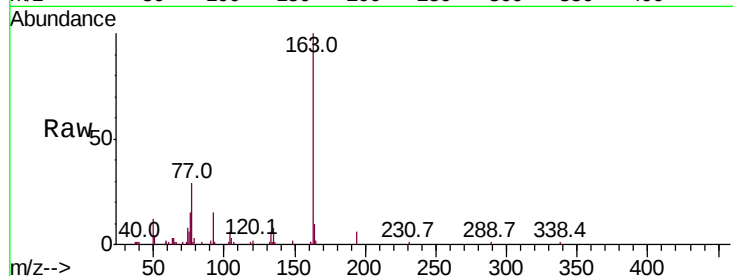




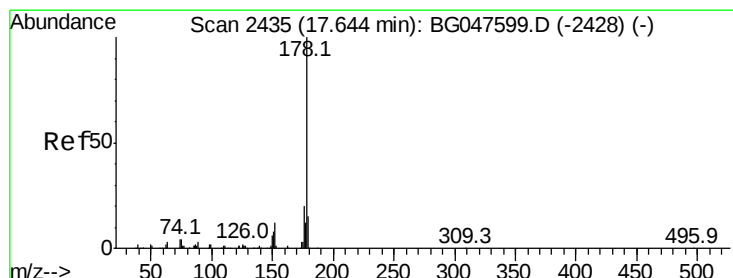
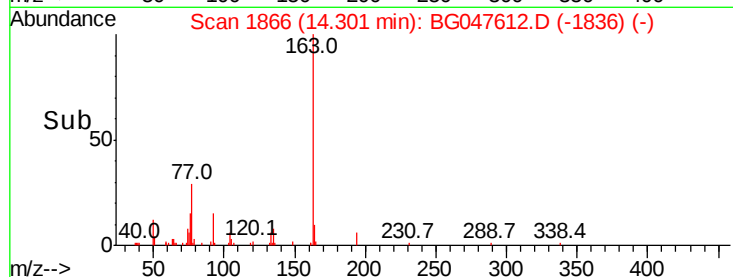
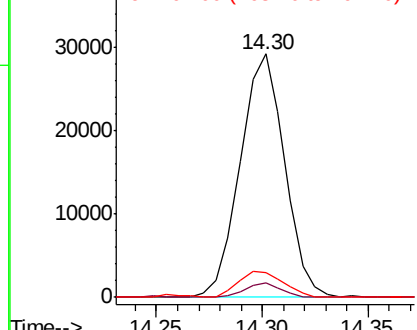
#45
Dimethylphthalate
Concen: 4.486 ng/ul
RT: 14.30 min Scan# 1866
Delta R.T. -0.02 min
Lab File: BG047612.D
Acq: 5 Dec 2020 19:16

Instrument :
BNA_G
ClientSampleId :
C0AZ5

Tot Ion:163 Resp: 42551
Ion Ratio Lower Upper
163 100
194 6.2 3.4 5.2#
164 10.4 8.8 13.2

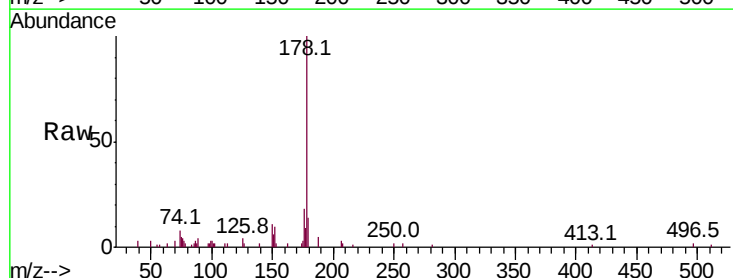


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

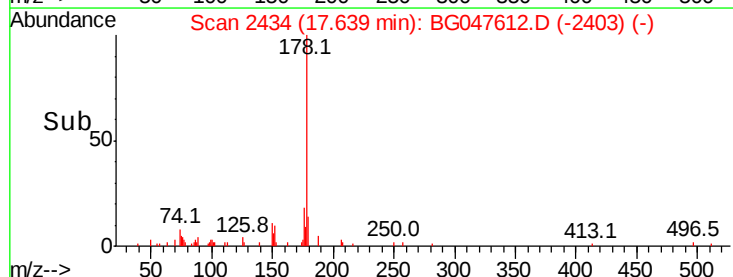
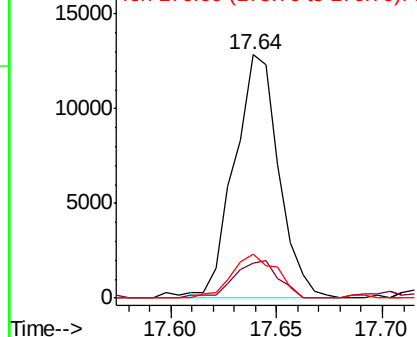


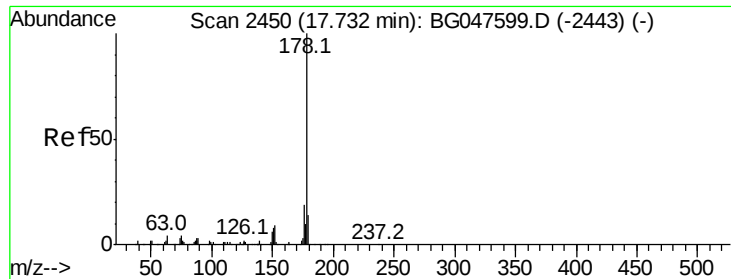
#70
Phenanthrene
Concen: 1.310 ng/ul
RT: 17.64 min Scan# 2434
Delta R.T. -0.02 min
Lab File: BG047612.D
Acq: 5 Dec 2020 19:16

Tgt Ion:178 Resp: 18724
Ion Ratio Lower Upper
178 100
179 14.4 12.8 19.2
176 17.9 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: 1.301 ng/ul

RT: 17.64 min Scan# 2434

Delta R.T. -0.11 min

Lab File: BG047612.D

Acq: 5 Dec 2020 19:16

Instrument :

BNA_G

ClientSampleId :

C0AZ5

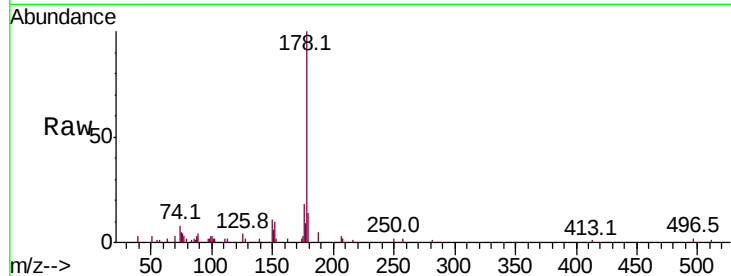
Tot Ion:178 Resp: 18724

Ion Ratio Lower Upper

178 100

179 14.4 12.2 18.2

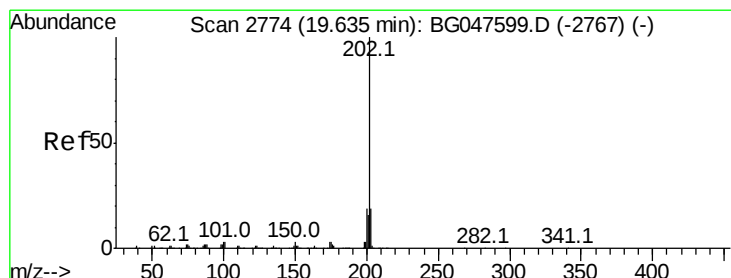
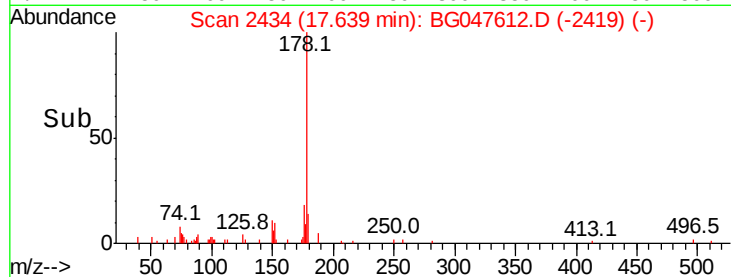
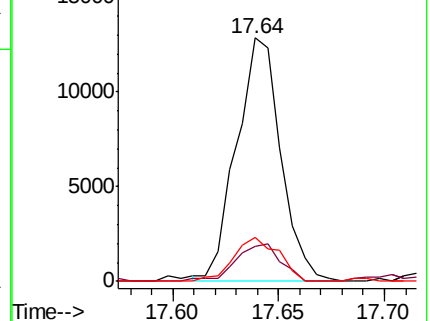
176 17.9 16.2 24.4



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: 3.622 ng/ul

RT: 19.63 min Scan# 2773

Delta R.T. -0.02 min

Lab File: BG047612.D

Acq: 5 Dec 2020 19:16

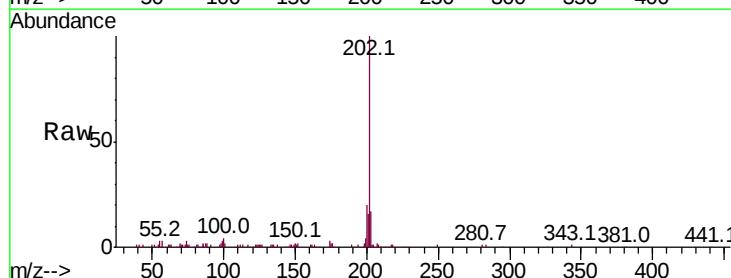
Tgt Ion:202 Resp: 65378

Ion Ratio Lower Upper

202 100

101 2.2 3.3 4.9#

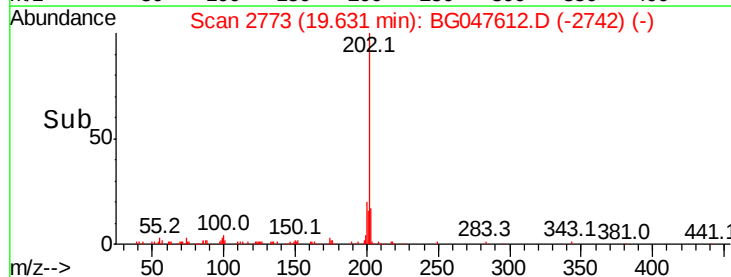
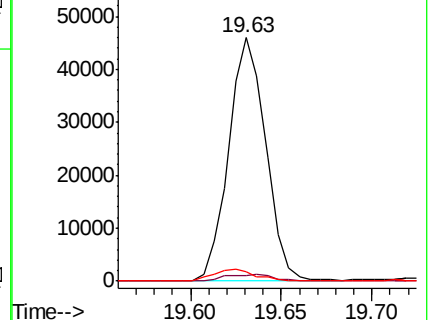
100 3.8 3.4 5.0

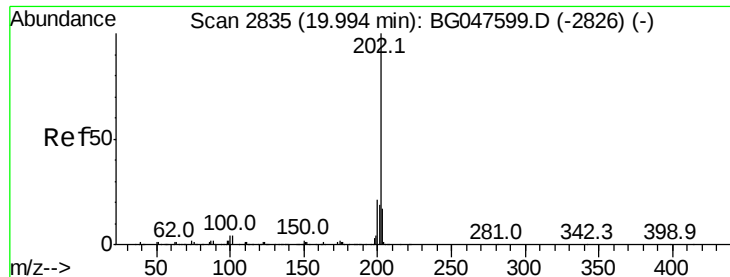


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pvrene

Concen: 3.111 ng/ul

RT: 19.99 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG047612.D

Acq: 5 Dec 2020 19:16

Instrument :

BNA_G

ClientSampleId :

C0AZ5

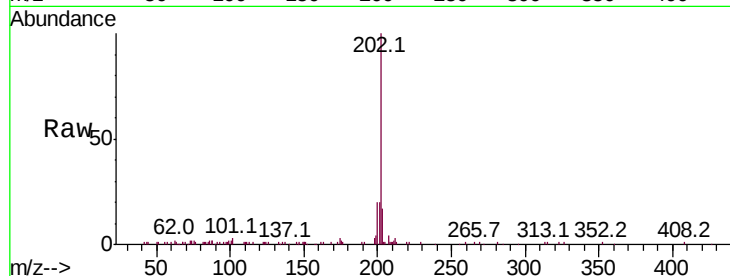
Tot Ion:202 Resp: 51501

Ion Ratio Lower Upper

202 100

101 3.3 5.0 7.4#

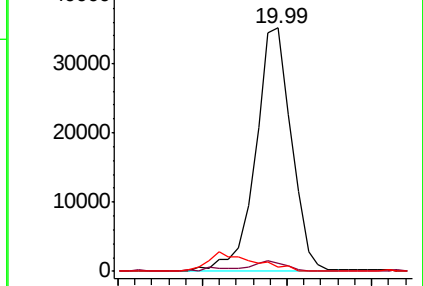
100 1.7 4.6 7.0#



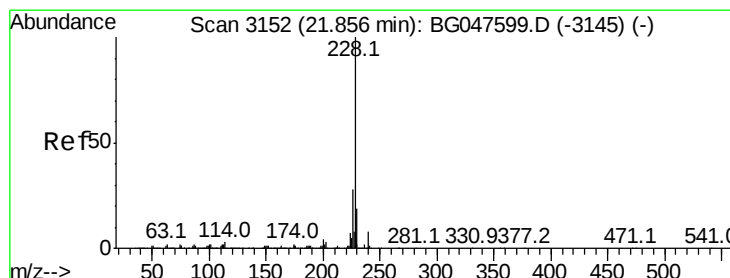
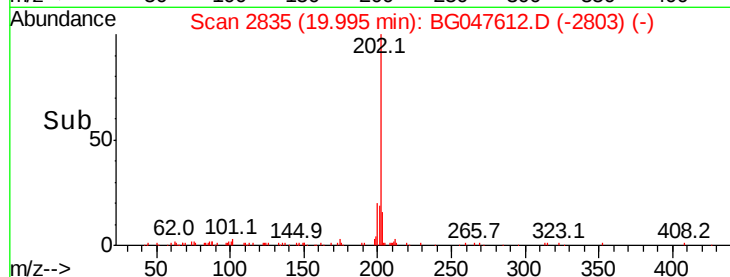
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time--> 19.90 19.95 20.00 20.05



#83

Benzo(a)anthracene

Concen: 1.792 ng/ul

RT: 21.86 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG047612.D

Acq: 5 Dec 2020 19:16

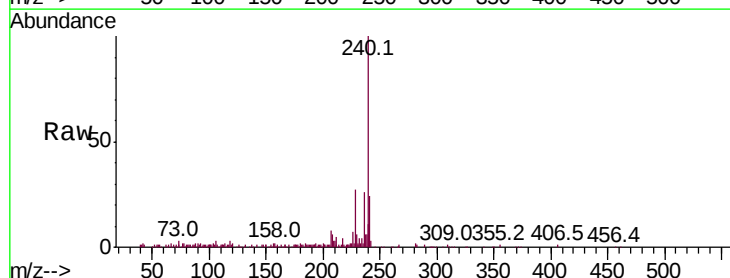
Tgt Ion:228 Resp: 29790

Ion Ratio Lower Upper

228 100

229 21.0 16.2 24.2

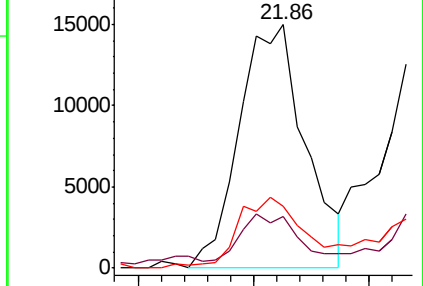
226 25.5 23.3 34.9



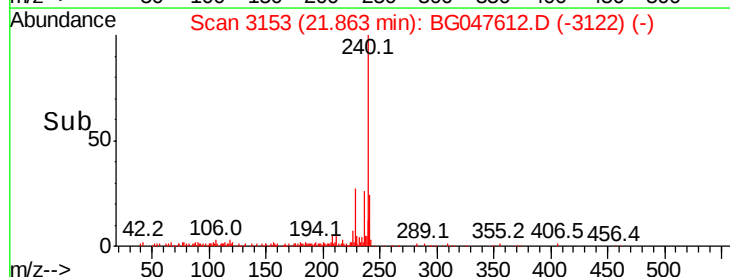
Abundance Ion 228.00 (227.70 to 228.70): E

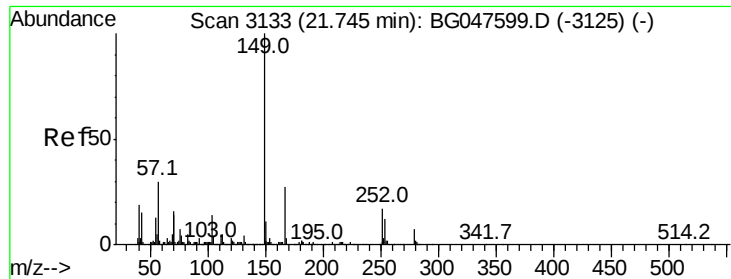
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time--> 21.80 21.85 21.90

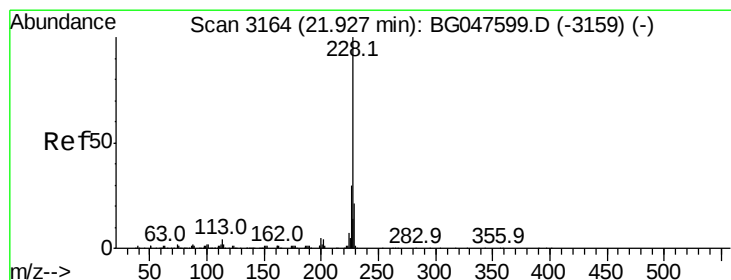
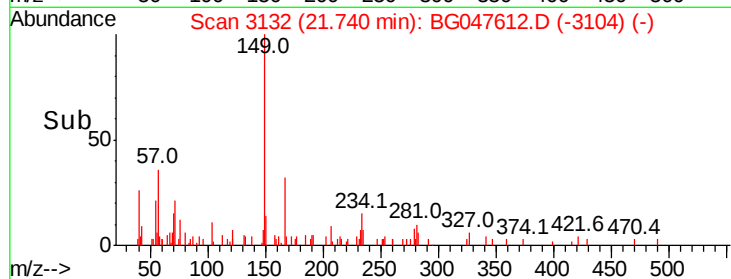
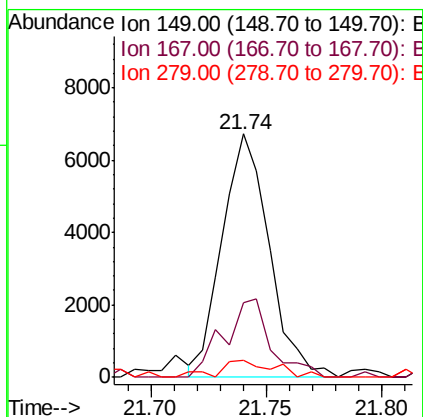
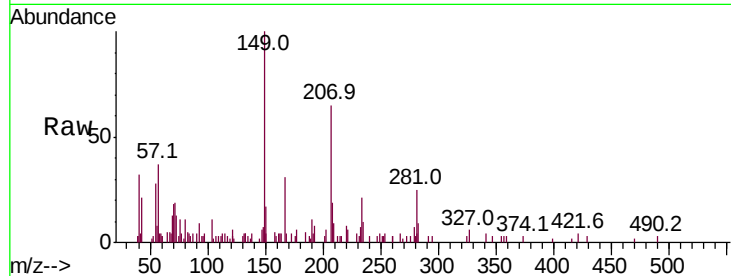




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.175 ng/ul
 RT: 21.74 min Scan# 3132
 Delta R.T. -0.04 min
 Lab File: BG047612.D
 Acq: 5 Dec 2020 19:16

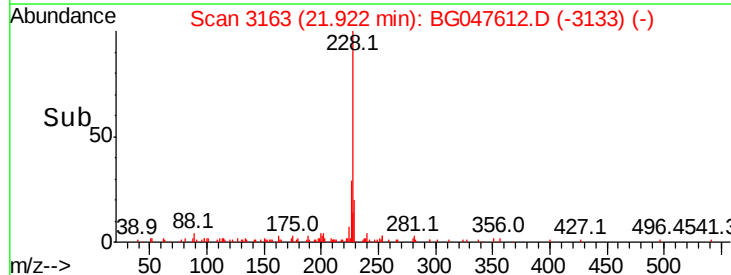
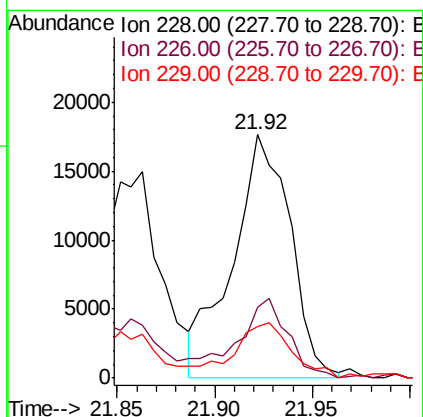
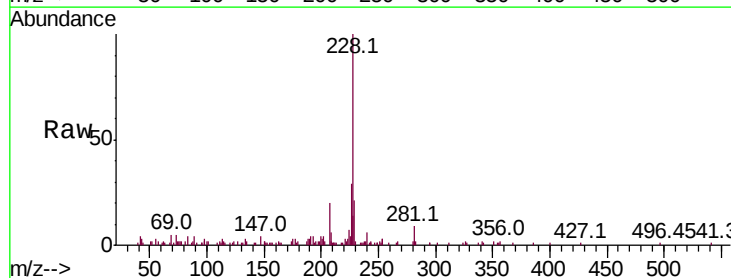
Instrument :
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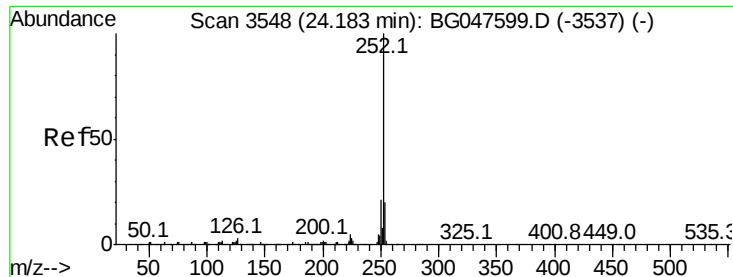
Tot Ion:149 Resp: 9519
 Ion Ratio Lower Upper
 149 100
 167 30.5 21.8 32.8
 279 7.3 4.2 6.2#



#85
 Chrysene
 Concen: 2.286 ng/ul
 RT: 21.92 min Scan# 3163
 Delta R.T. -0.02 min
 Lab File: BG047612.D
 Acq: 5 Dec 2020 19:16

Tgt Ion:228 Resp: 36178
 Ion Ratio Lower Upper
 228 100
 226 29.0 23.8 35.6
 229 21.3 16.3 24.5





#88

Benzo(b)fluoranthene

Concen: 2.928 ng/ul

RT: 24.18 min Scan# 3548

Delta R.T. -0.02 min

Lab File: BG047612.D

Acq: 5 Dec 2020 19:16

Instrument :

BNA_G

ClientSampleId :

C0AZ5

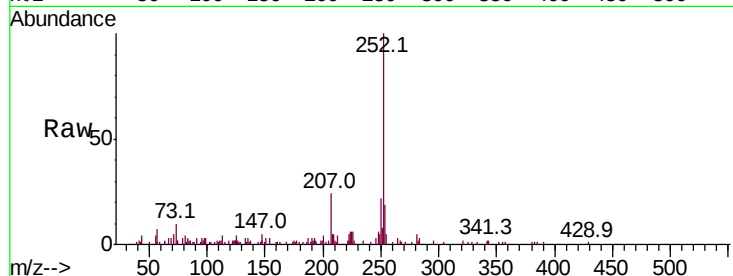
Tot Ion:252 Resp: 51253

Ion Ratio Lower Upper

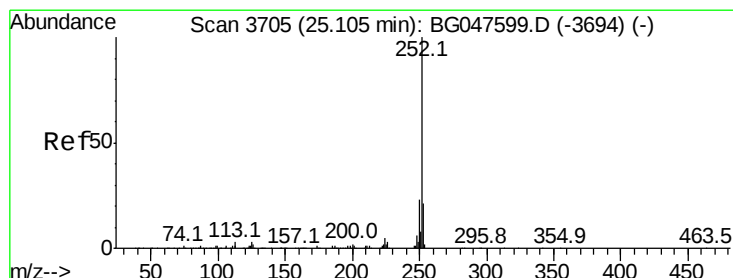
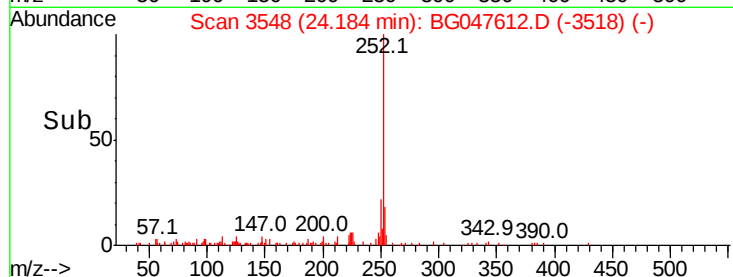
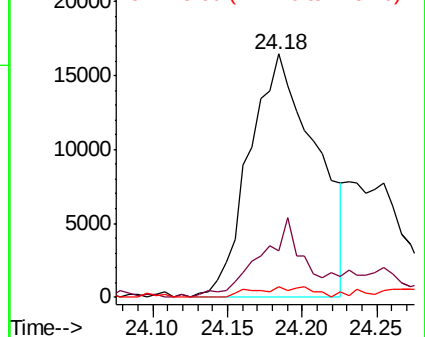
252 100

253 18.9 18.4 27.6

125 4.4 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



#91

Benzo(a)pyrene

Concen: 1.290 ng/ul

RT: 24.94 min Scan# 3677

Delta R.T. -0.19 min

Lab File: BG047612.D

Acq: 5 Dec 2020 19:16

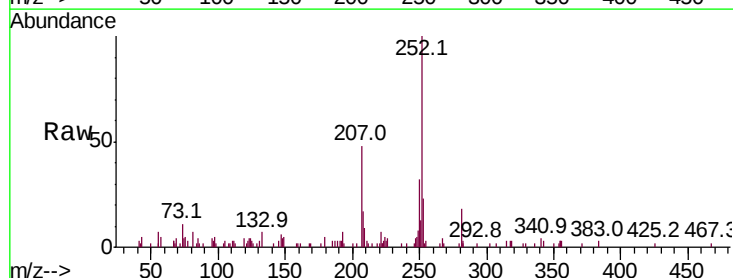
Tgt Ion:252 Resp: 20124

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

125 3.4 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

