

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047608.D
 Acq On : 5 Dec 2020 16:34
 Operator : CG/JU
 Sample : L4864-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B72

Quant Time: Dec 07 05:08:46 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	40724	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.08	136	155813	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.87	164	121483	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.60	188	285396	20.00	ng/ul	-0.02
78) Chrysene-d12	21.88	240	253836	20.00	ng/ul	-0.02
86) Perylene-d12	25.27	264	263191	20.00	ng/ul	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	1898	1.69	ng/uL	-0.02
5) Phenol-d5	7.39	99	47270	11.57	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.56	67	25302	10.86	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.77	132	36469	13.31	ng/ul	-0.02
13) 4-Methylphenol-d8	8.94	113	32219	10.27	ng/ul	-0.02
19) Nitrobenzene-d5	9.42	128	18705	14.53	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.14	143	20765	14.79	ng/ul	-0.03
26) 2,4-Dichlorophenol-d3	10.68	165	43943	13.67	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.20	131	33672	10.36	ng/ul	-0.02
44) Dimethylphthalate-d6	14.25	166	140692	13.49	ng/ul	-0.02
47) Acenaphthylene-d8	14.56	160	165002	13.69	ng/ul	-0.02
52) 4-Nitrophenol-d4	15.03	143	18075	11.36	ng/ul	0.00
58) Fluorene-d10	15.85	176	130901	13.70	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.95	200	22121	13.62	ng/ul	-0.02
71) Anthracene-d10	17.70	188	201539	14.24	ng/ul	-0.02
79) Pyrene-d10	19.97	212	219601	14.87	ng/ul	-0.01
90) Benzo(a)pyrene-d12	25.03	264	226254	14.94	ng/ul	-0.03

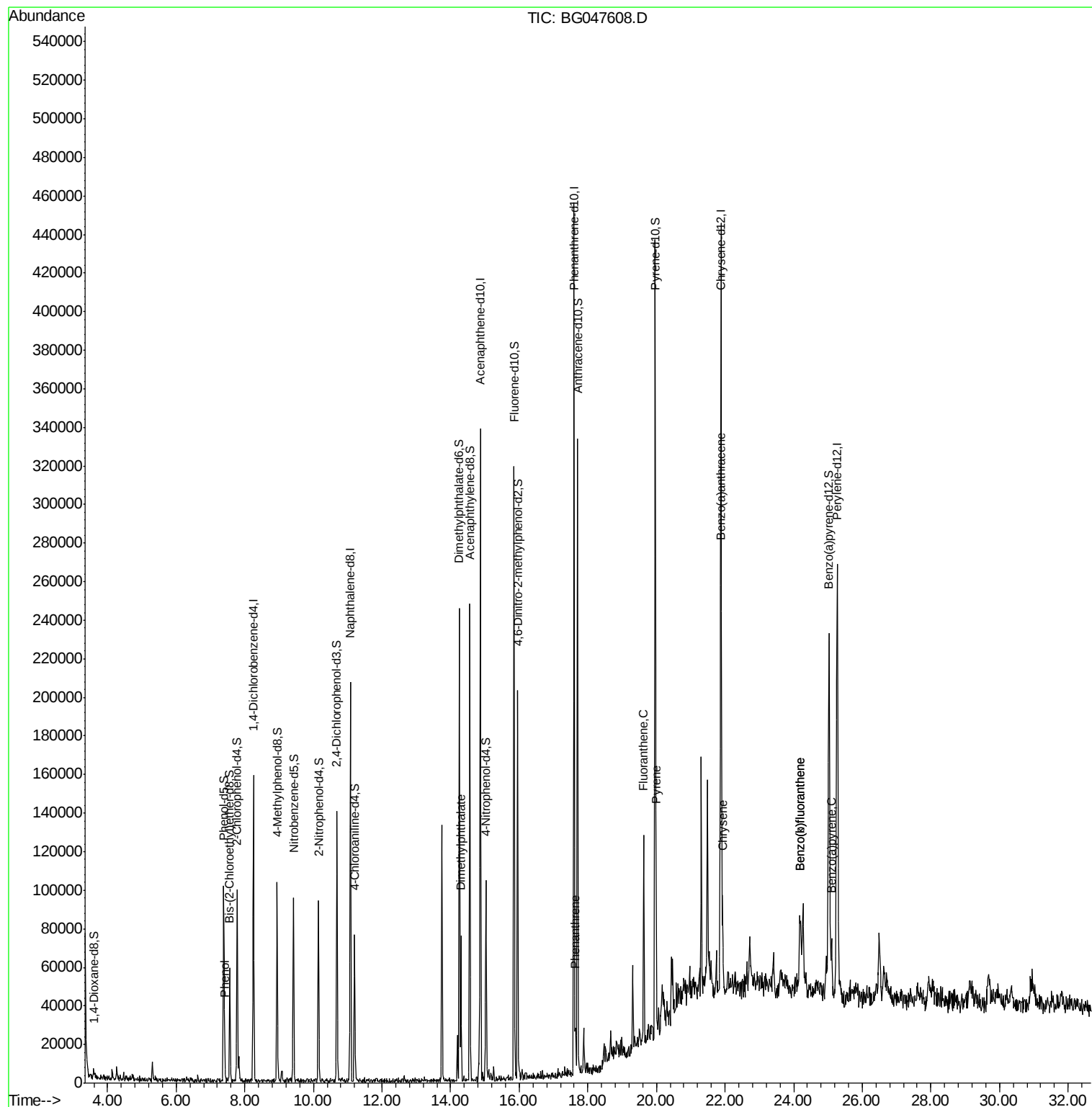
Target Compounds				Ovalue		
6) Phenol	7.42	94	4263	1.089	ng/ul	87
45) Dimethylphthalate	14.30	163	42122	3.960	ng/ul	99
70) Phenanthrene	17.64	178	17423	1.130	ng/ul#	91
77) Fluoranthene	19.63	202	59940	3.080	ng/ul	99
80) Pyrene	20.00	202	52968	2.946	ng/ul#	93
83) Benzo(a)anthracene	21.86	228	34623	1.917	ng/ul	97
85) Chrysene	21.93	228	31251	1.818	ng/ul	93
88) Benzo(b)fluoranthene	24.18	252	51523	2.773	ng/ul	97
89) Benzo(k)fluoranthene	24.18	252	51432	2.809	ng/ul	99
91) Benzo(a)pyrene	25.10	252	34577	2.087	ng/ul	97

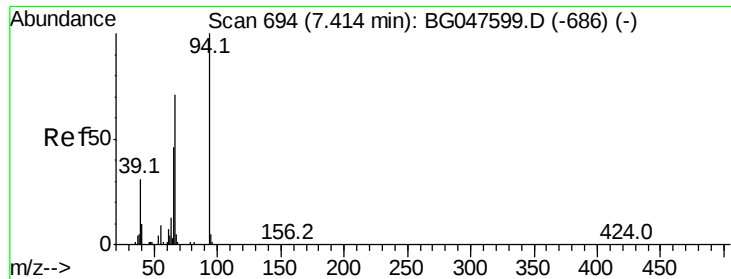
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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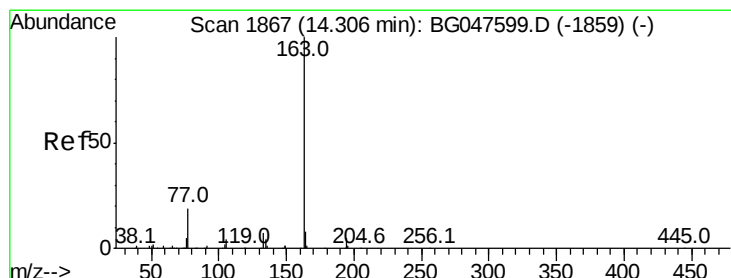
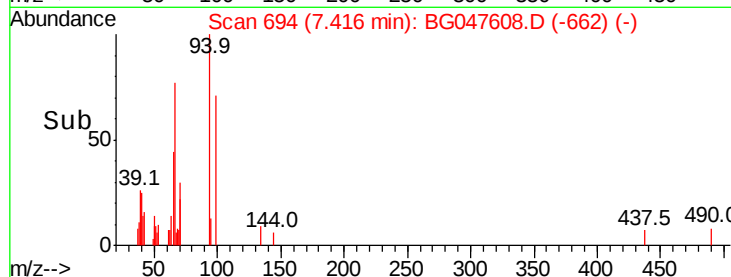
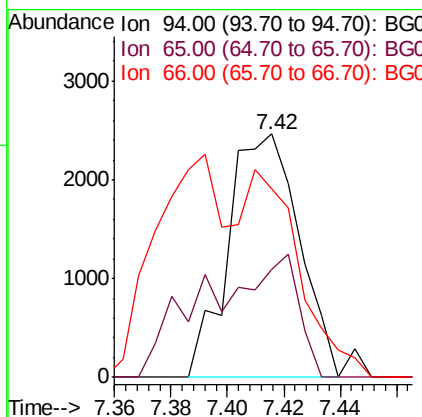
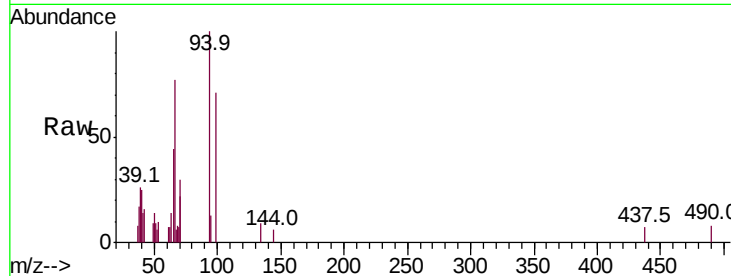
#6

Phenol

Concen: 1.089 ng/ul
 RT: 7.42 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BG047608.D
 Acq: 5 Dec 2020 16:34

Instrument :
 BNA_G
 ClientSampleId :
 C0B72

Tot Ion: 94 Resp: 4263
 Ion Ratio Lower Upper
 94 100
 65 44.4 31.2 46.8
 66 77.4 52.2 78.2

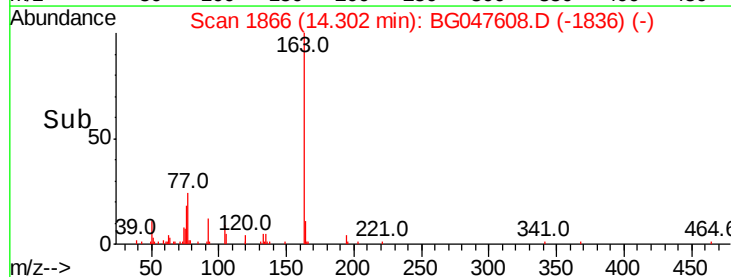
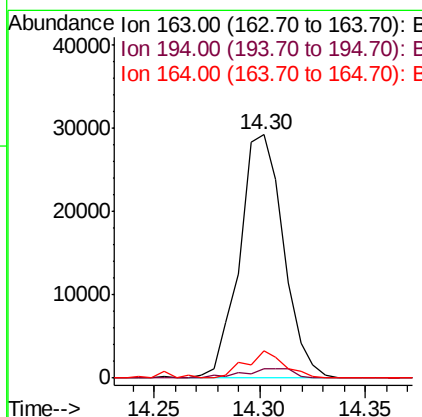
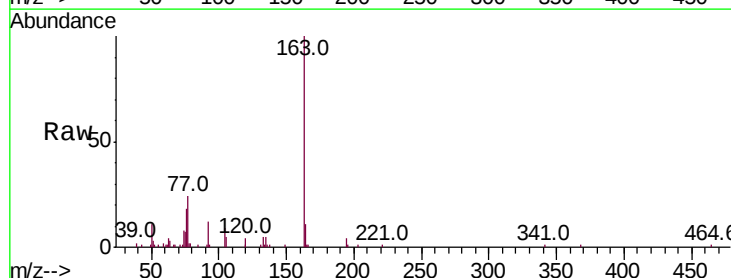


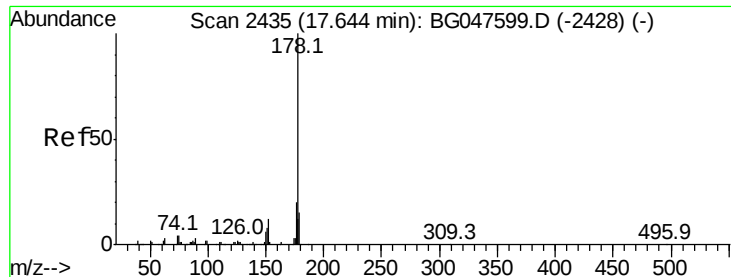
#45

Dimethylphthalate

Concen: 3.960 ng/ul
 RT: 14.30 min Scan# 1866
 Delta R.T. -0.02 min
 Lab File: BG047608.D
 Acq: 5 Dec 2020 16:34

Tgt Ion: 163 Resp: 42122
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.4 5.2
 164 11.1 8.8 13.2





#70

Phenanthrene

Concen: 1.130 ng/ul

RT: 17.64 min Scan# 2434

Delta R.T. -0.02 min

Lab File: BG047608.D

Acq: 5 Dec 2020 16:34

Instrument :

BNA_G

ClientSampleId :

C0B72

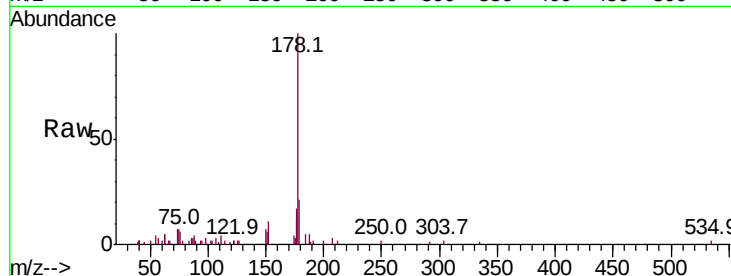
Tot Ion:178 Resp: 17423

Ion Ratio Lower Upper

178 100

179 21.3 12.8 19.2#

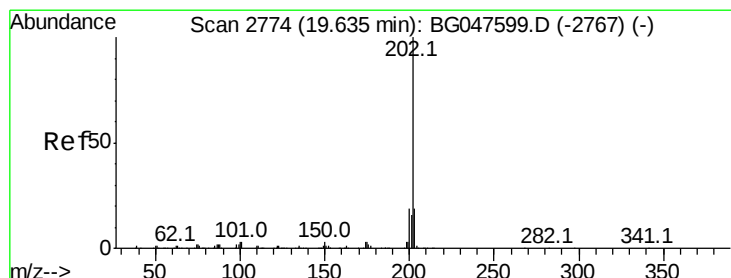
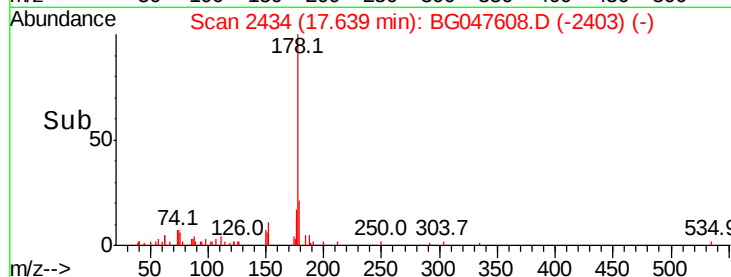
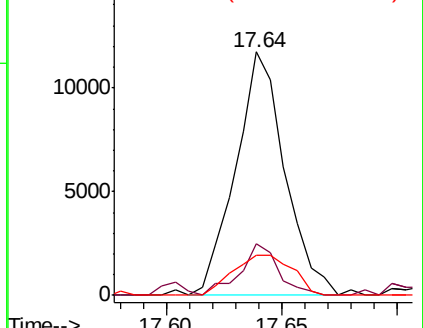
176 16.6 15.7 23.5



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



#77

Fluoranthene

Concen: 3.080 ng/ul

RT: 19.63 min Scan# 2773

Delta R.T. -0.02 min

Lab File: BG047608.D

Acq: 5 Dec 2020 16:34

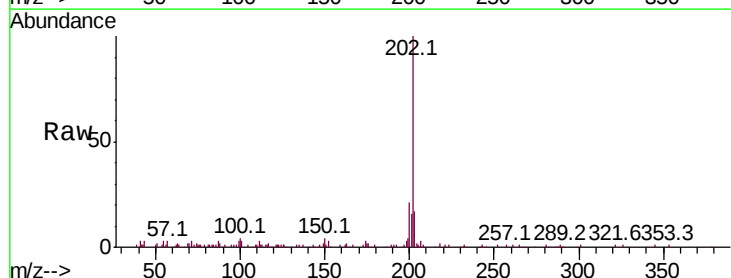
Tgt Ion:202 Resp: 59940

Ion Ratio Lower Upper

202 100

101 3.5 3.3 4.9

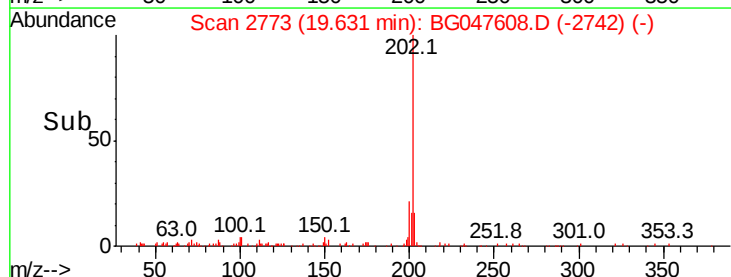
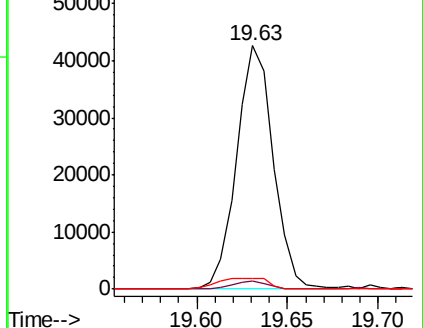
100 4.4 3.4 5.0

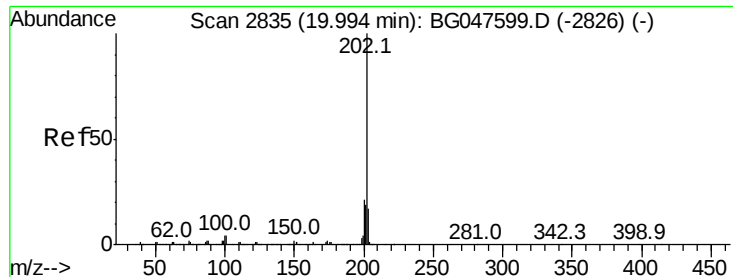


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

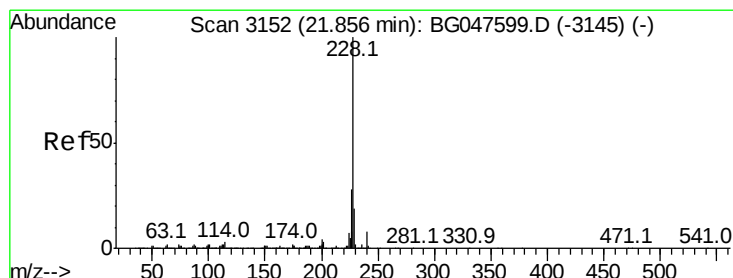
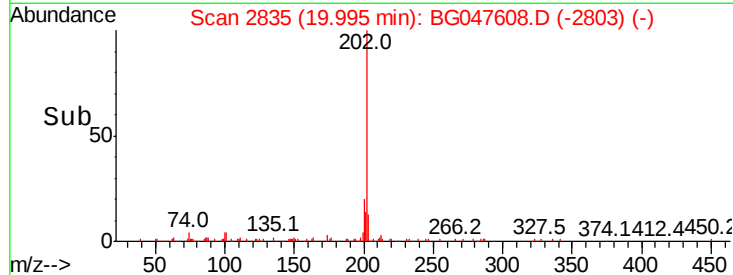
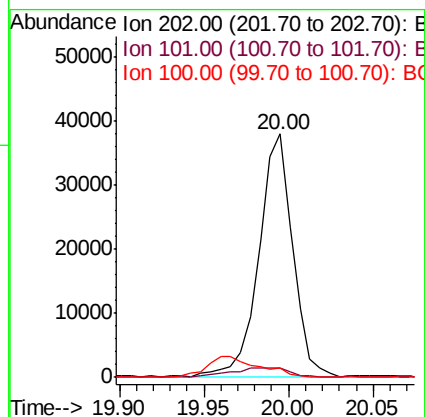
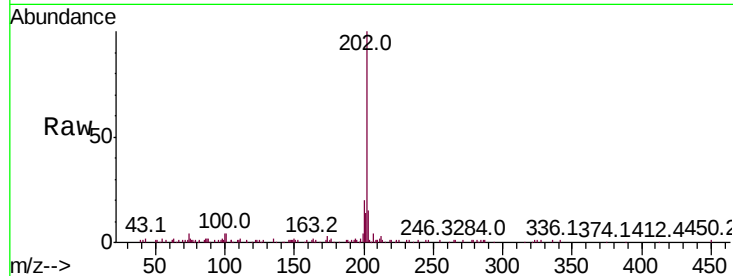




#80
 Pvrene
 Concen: 2.946 ng/ul
 RT: 20.00 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BG047608.D
 Acq: 5 Dec 2020 16:34

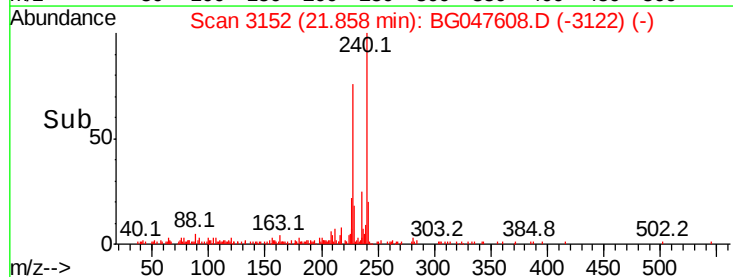
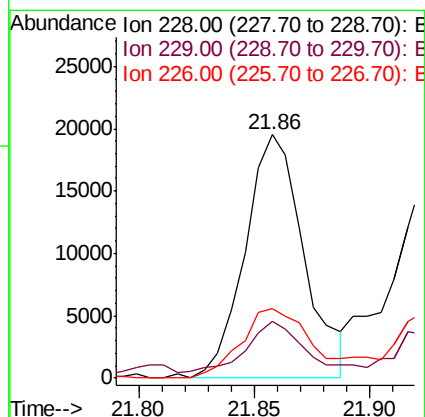
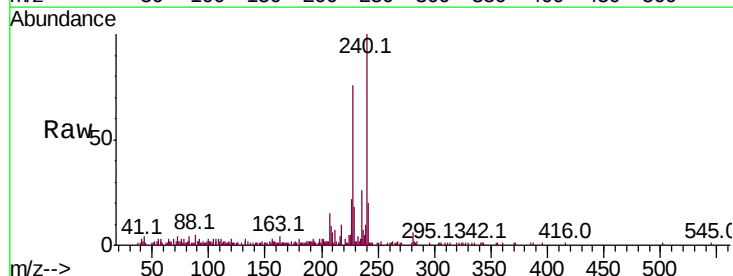
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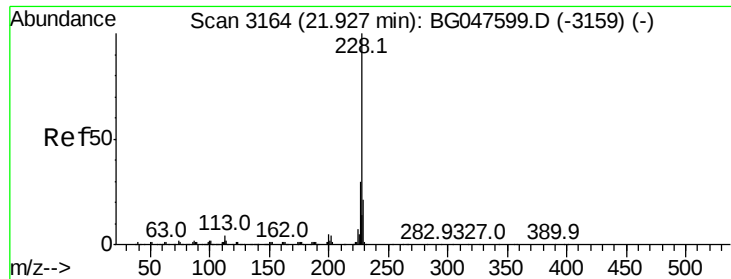
Tot Ion	Ratio	Lower	Upper
202	100		
101	4.0	5.0	7.4#
100	3.6	4.6	7.0#



#83
 Benzo(a)anthracene
 Concen: 1.917 ng/ul
 RT: 21.86 min Scan# 3152
 Delta R.T. -0.02 min
 Lab File: BG047608.D
 Acq: 5 Dec 2020 16:34

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.2	16.2	24.2
226	28.7	23.3	34.9





#85

Chrysene

Concen: 1.818 ng/ul

RT: 21.93 min Scan# 3164

Delta R.T. -0.02 min

Lab File: BG047608.D

Acq: 5 Dec 2020 16:34

Instrument :

BNA_G

ClientSampled :

C0B72

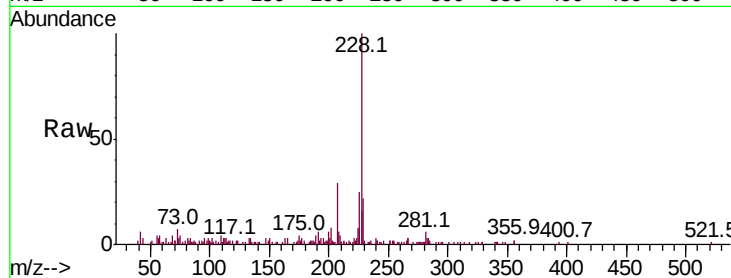
Tot Ion:228 Resp: 31251

Ion Ratio Lower Upper

228 100

226 24.9 23.8 35.6

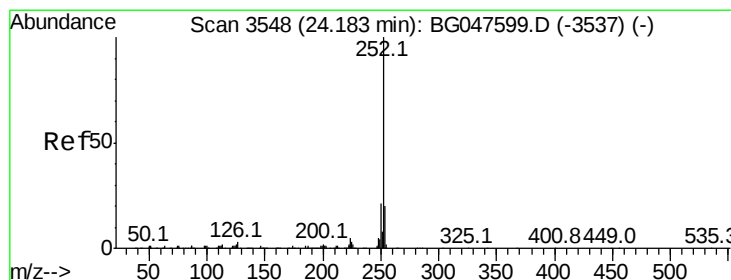
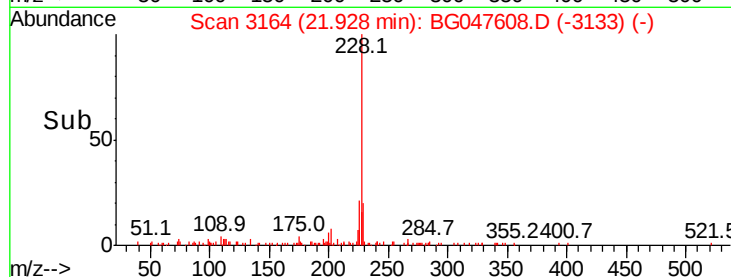
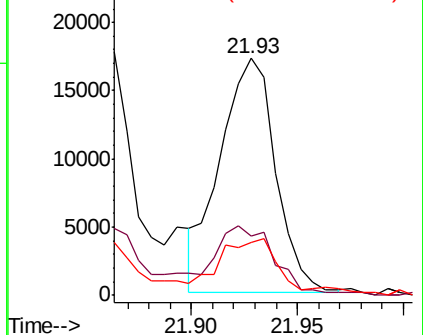
229 22.2 16.3 24.5



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: 2.773 ng/ul

RT: 24.18 min Scan# 3547

Delta R.T. -0.03 min

Lab File: BG047608.D

Acq: 5 Dec 2020 16:34

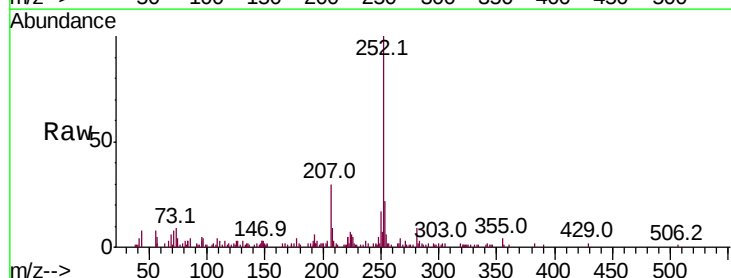
Tgt Ion:252 Resp: 51523

Ion Ratio Lower Upper

252 100

253 21.6 18.4 27.6

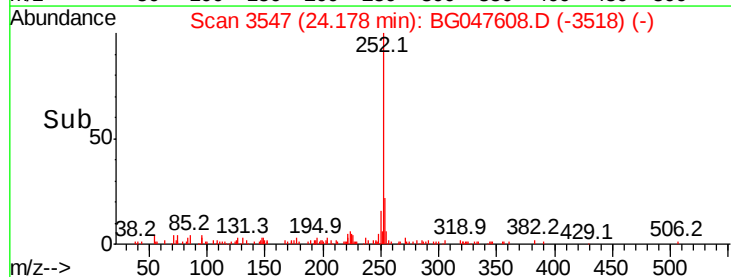
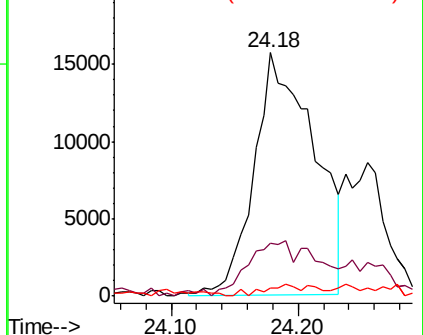
125 3.4 2.5 3.7

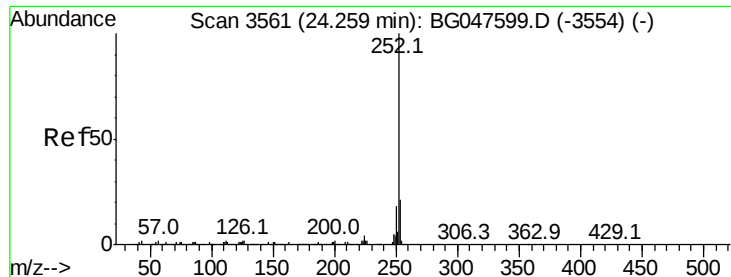


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.809 ng/ul

RT: 24.18 min Scan# 3547

Delta R.T. -0.11 min

Lab File: BG047608.D

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ClientSampleId :

C0B72

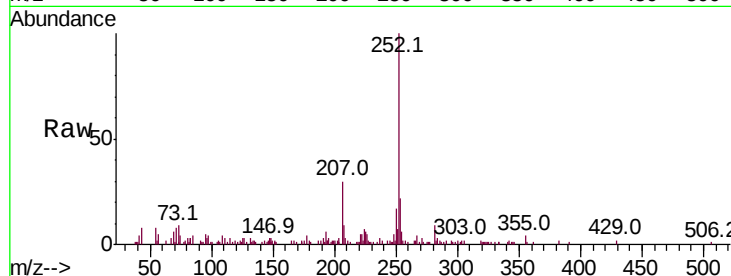
Tot Ion:252 Resp: 51432

Ion Ratio Lower Upper

252 100

253 21.6 16.7 25.1

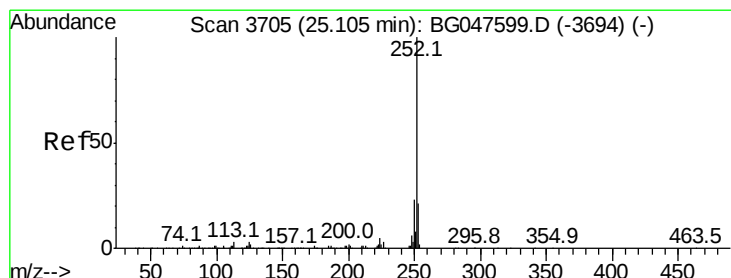
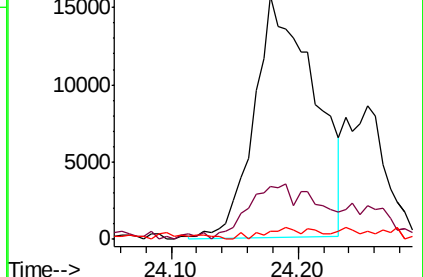
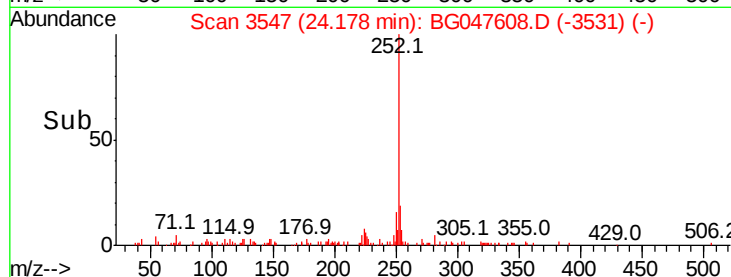
125 3.4 2.6 3.8



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: 2.087 ng/ul

RT: 25.10 min Scan# 3704

Delta R.T. -0.04 min

Lab File: BG047608.D

Acq: 5 Dec 2020 16:34

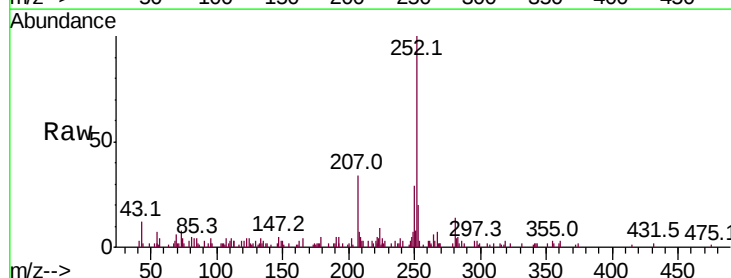
Tgt Ion:252 Resp: 34577

Ion Ratio Lower Upper

252 100

253 20.4 17.5 26.3

125 4.2 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

