

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047430.D
 Acq On : 24 Nov 2020 3:07
 Operator : CG/JU
 Sample : L4749-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 24 03:54:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	35134	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	137333	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	97815	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	192271	20.00	ng/ul	0.10
78) Chrysene-d12	21.90	240	194599	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	206420	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	721	0.75	ng/uL	0.00
5) Phenol-d5	7.41	99	47487	13.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	28034	13.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	33230	14.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	33760	12.47	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	19398	17.10	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	20023	16.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	43556	15.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	38999	13.61	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	138501	16.49	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	163817	16.88	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	14265	11.13	ng/ul	0.00
58) Fluorene-d10	15.87	176	126471	16.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	8596	7.85	ng/ul	0.00
71) Anthracene-d10	17.72	188	192271	20.16	ng/ul	0.00
79) Pyrene-d10	19.98	212	216047	19.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.08	264	218646	18.40	ng/ul	0.00

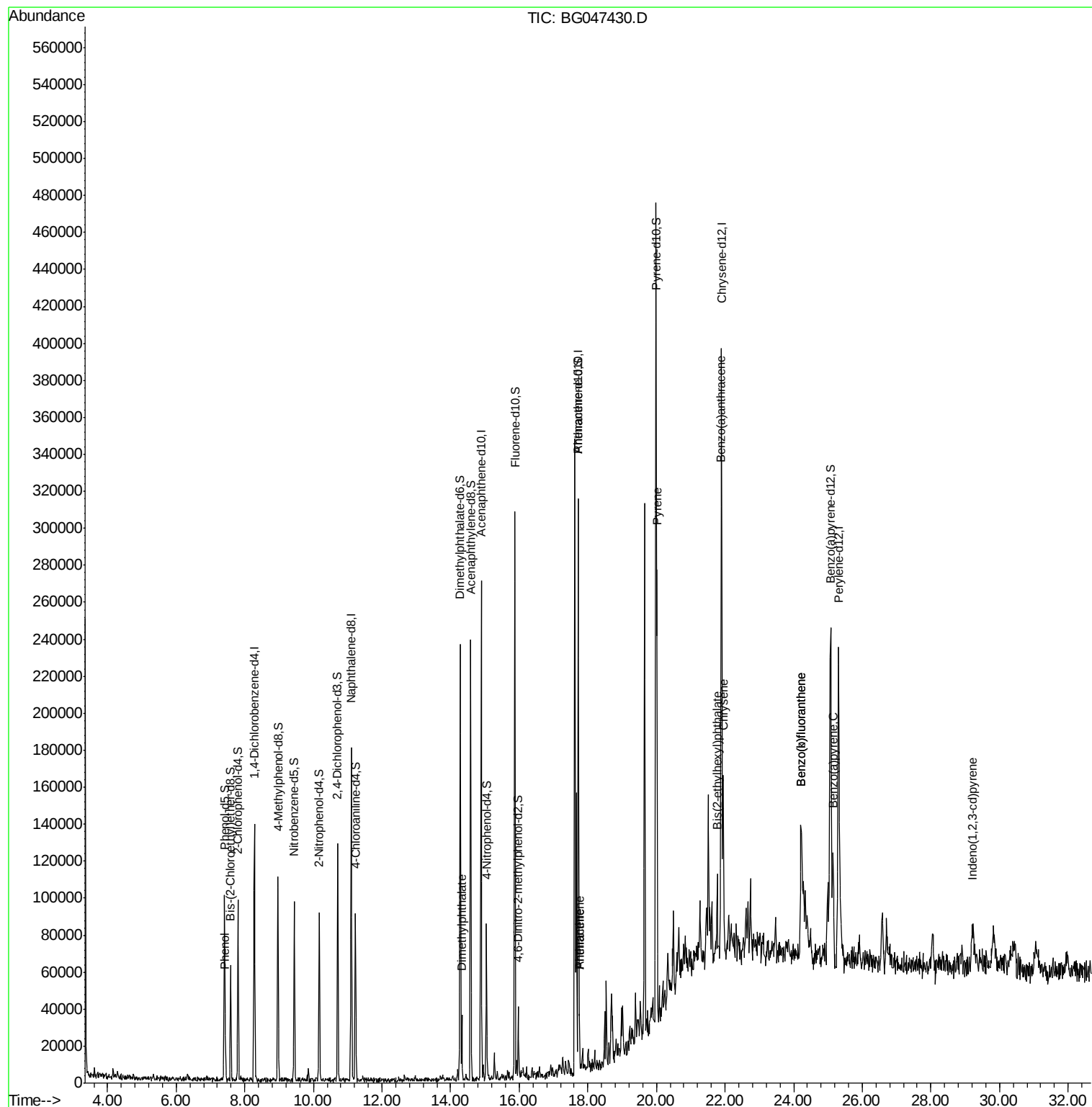
Target Compounds

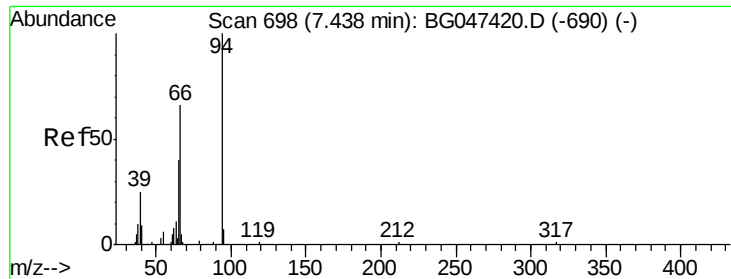
				Ovalue	
6) Phenol	7.43	94	6812	2.018	ng/ul# 85
45) Dimethylphthalate	14.32	163	19906	2.324	ng/ul 98
70) Phenanthrene	17.76	178	19075	1.837	ng/ul 97
72) Anthracene	17.76	178	18423	1.762	ng/ul 95
80) Pyrene	20.01	202	159501	11.571	ng/ul 99
83) Benzo(a)anthracene	21.88	228	88104	6.363	ng/ul 98
84) Bis(2-ethylhexyl)phthalate	21.77	149	15726	2.330	ng/ul# 88
85) Chrysene	21.94	228	80620	6.119	ng/ul 96
88) Benzo(b)fluoranthene	24.22	252	99152	6.803	ng/ul 95
89) Benzo(k)fluoranthene	24.22	252	99567	6.932	ng/ul 92
91) Benzo(a)pyrene	25.15	252	72745	5.599	ng/ul# 93
92) Indeno(1,2,3-cd)pyrene	29.21	276	33703	2.133	ng/ul 99

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

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#6

Phenol

Concen: 2.018 ng/ul

RT: 7.43 min Scan# 697

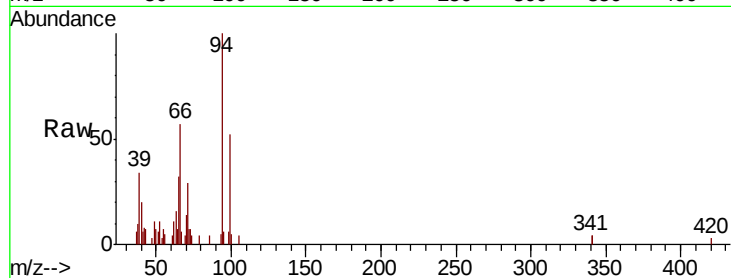
Delta R.T. -0.01 min

Lab File: BG047430.D

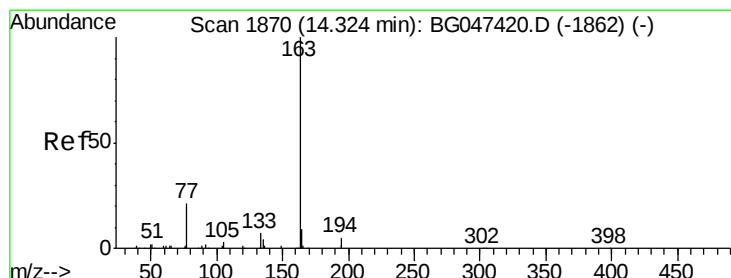
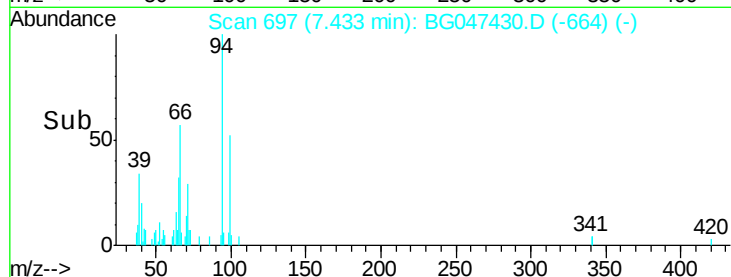
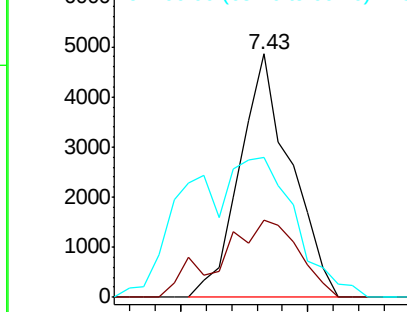
Acq: 24 Nov 2020 3:07

Tot Ion: 94 Resp: 6812

Ion	Ratio	Lower	Upper
94	100		
65	31.6	37.8	56.8#
66	57.3	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: 2.324 ng/ul

RT: 14.32 min Scan# 1870

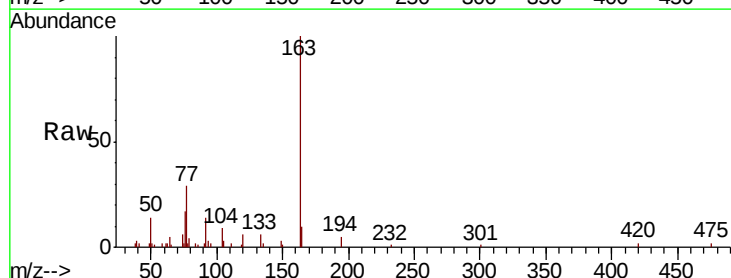
Delta R.T. -0.01 min

Lab File: BG047430.D

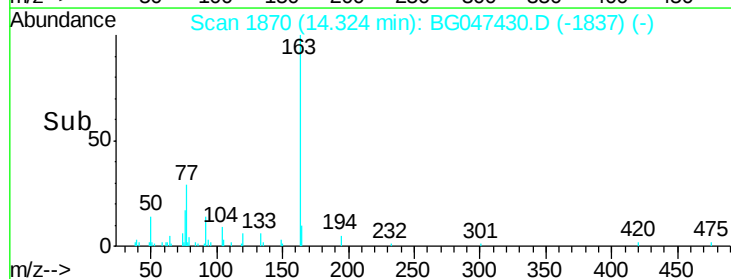
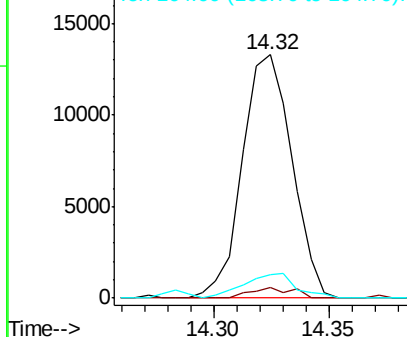
Acq: 24 Nov 2020 3:07

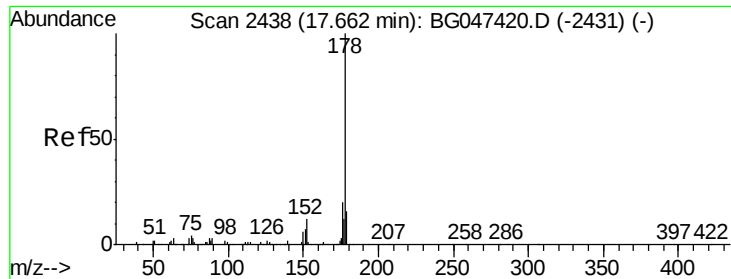
Tgt Ion: 163 Resp: 19906

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	9.6	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: 1.837 ng/ul

RT: 17.76 min Scan# 2454

Delta R.T. 0.09 min

Lab File: BG047430.D

Acq: 24 Nov 2020 3:07

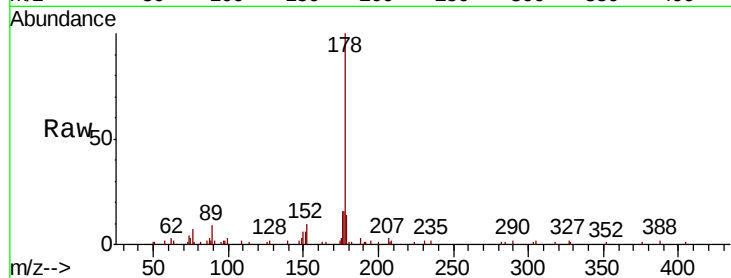
Tot Ion:178 Resp: 19075

Ion Ratio Lower Upper

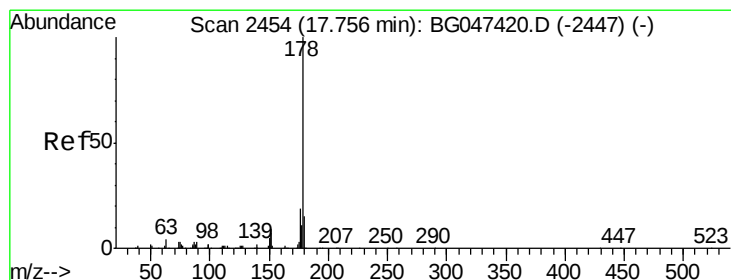
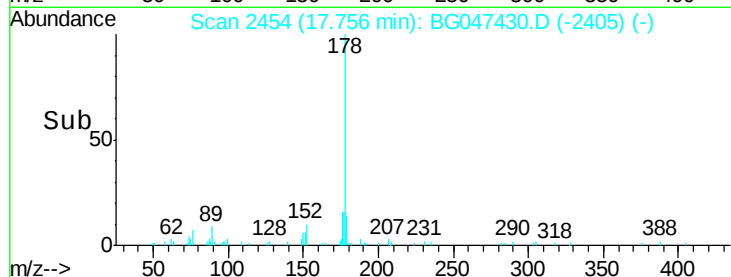
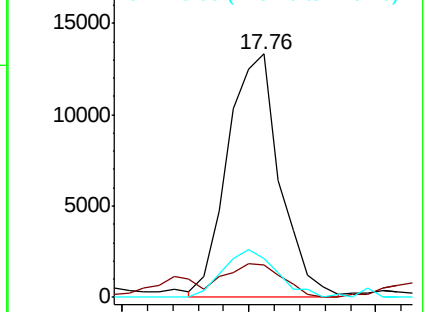
178 100

179 13.6 11.8 17.6

176 16.0 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



#72

Anthracene

Concen: 1.762 ng/ul

RT: 17.76 min Scan# 2454

Delta R.T. 0.00 min

Lab File: BG047430.D

Acq: 24 Nov 2020 3:07

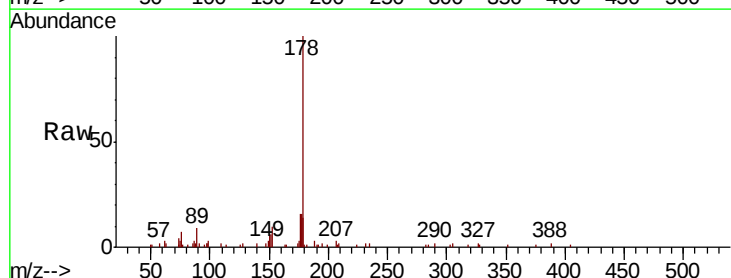
Tgt Ion:178 Resp: 18423

Ion Ratio Lower Upper

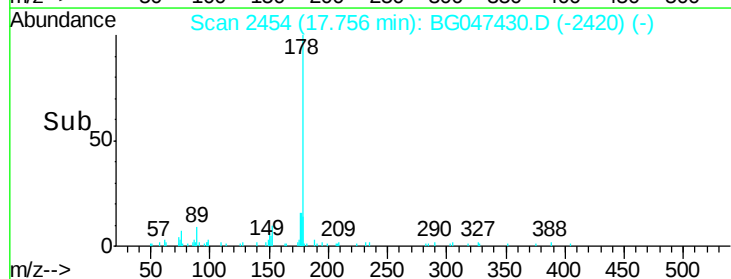
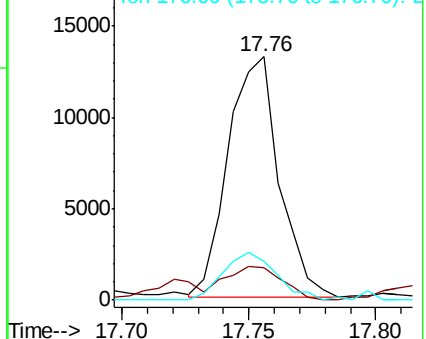
178 100

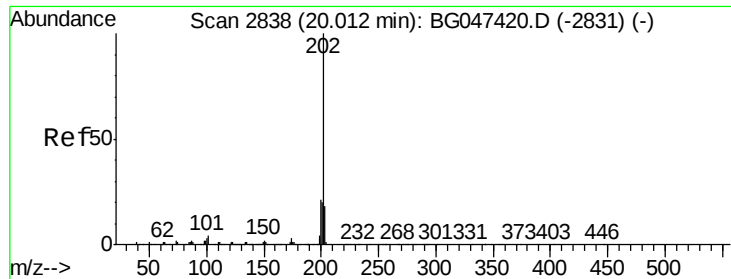
179 13.6 11.7 17.5

176 16.0 15.4 23.0



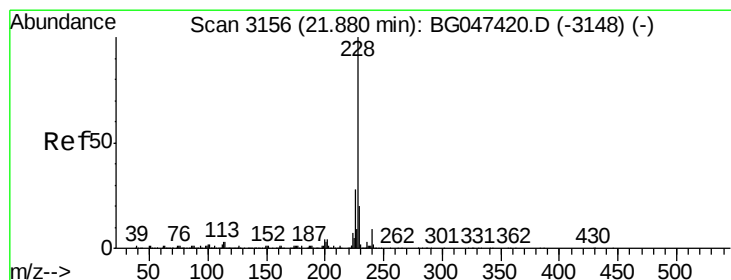
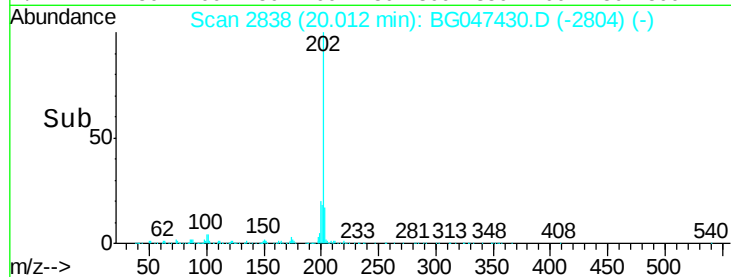
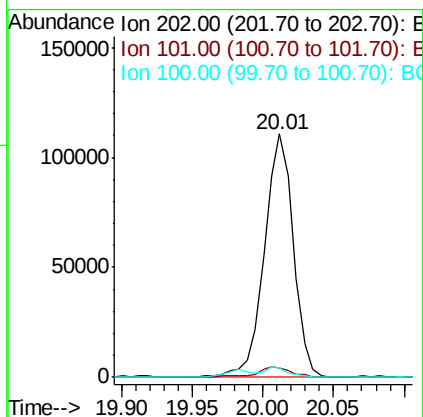
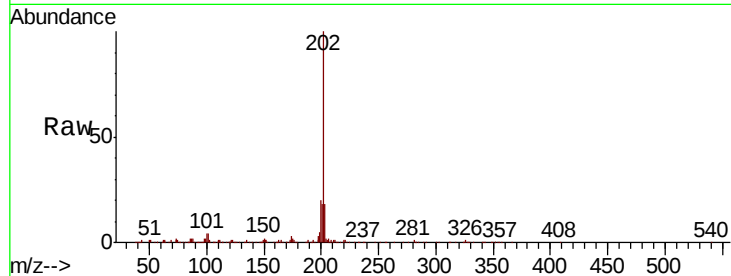
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





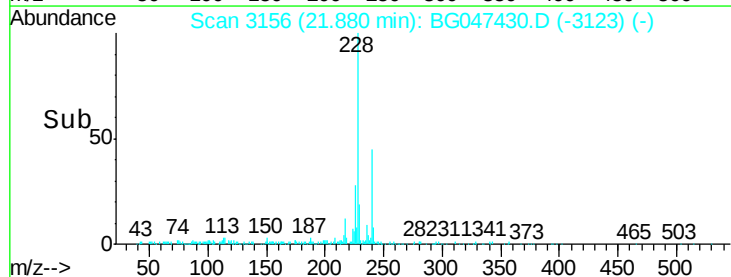
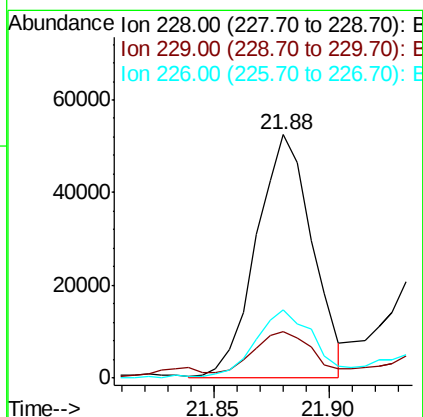
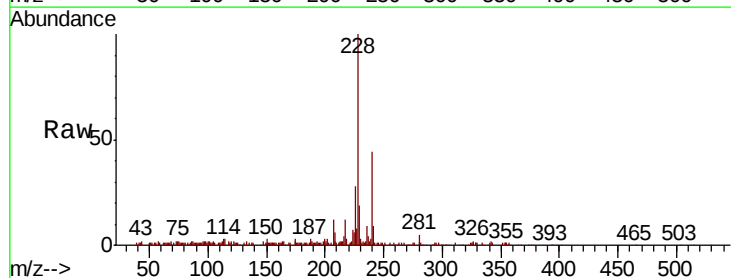
#80
 Pvrene
 Concen: 11.571 ng/ul
 RT: 20.01 min Scan# 2838
 Delta R.T. 0.00 min
 Lab File: BG047430.D
 Acq: 24 Nov 2020 3:07

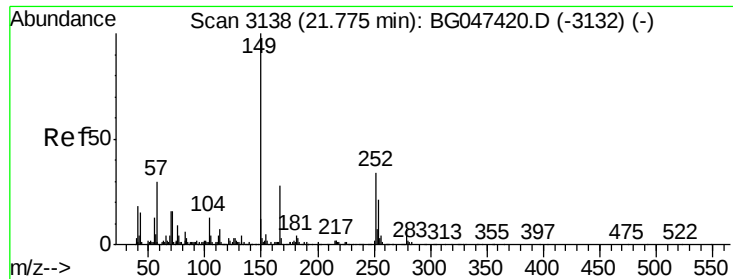
Tot Ion:	202	Resp:	159501
Ion	Ratio	Lower	Upper
202	100		
101	3.8	3.5	5.3
100	3.8	3.4	5.0



#83
 Benzo(a)anthracene
 Concen: 6.363 ng/ul
 RT: 21.88 min Scan# 3156
 Delta R.T. -0.01 min
 Lab File: BG047430.D
 Acq: 24 Nov 2020 3:07

Tgt Ion:	228	Resp:	88104
Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.6	23.4
226	28.3	21.7	32.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.330 ng/ul

RT: 21.77 min Scan# 3137

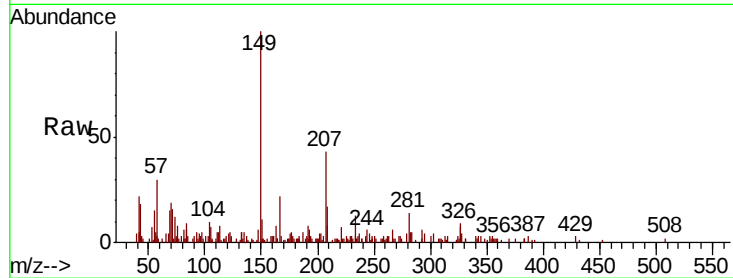
Delta R.T. -0.01 min

Lab File: BG047430.D

Acq: 24 Nov 2020 3:07

Tot Ion:149 Resp: 15726

Ion	Ratio	Lower	Upper
149	100		
167	22.2	23.4	35.2#
279	4.2	5.9	8.9#

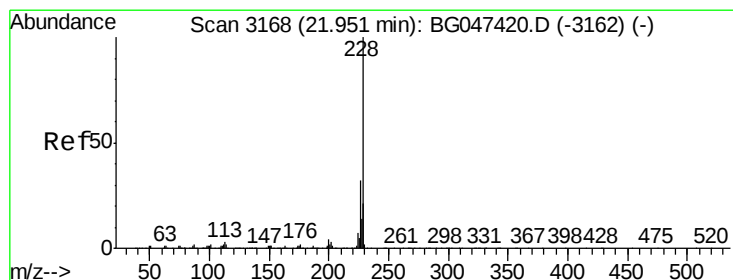
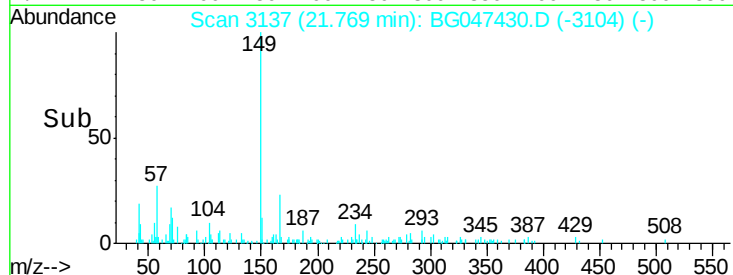
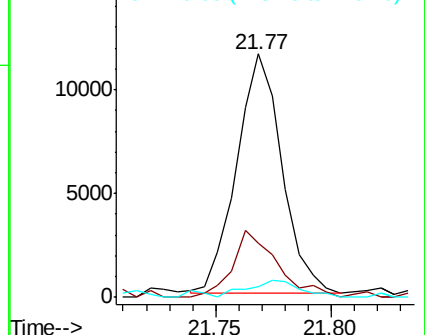


Abundance

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



#85

Chrysene

Concen: 6.119 ng/ul

RT: 21.94 min Scan# 3167

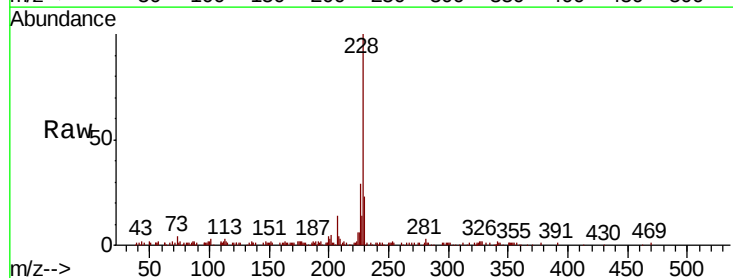
Delta R.T. -0.01 min

Lab File: BG047430.D

Acq: 24 Nov 2020 3:07

Tgt Ion:228 Resp: 80620

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.3	33.5
229	22.9	16.5	24.7

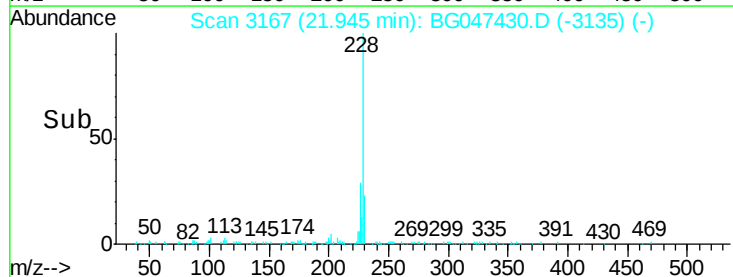
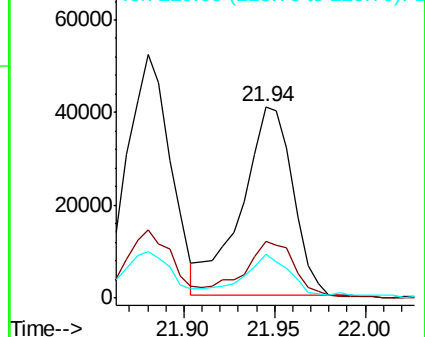


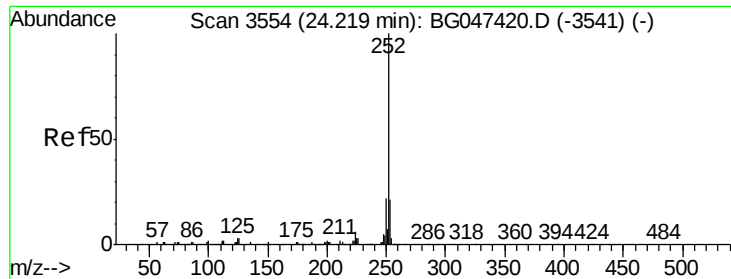
Abundance

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





#88

Benzo(b)fluoranthene

Concen: 6.803 ng/u1

RT: 24.22 min Scan# 3555

Delta R.T. 0.00 min

Lab File: BG047430.D

Acq: 24 Nov 2020 3:07

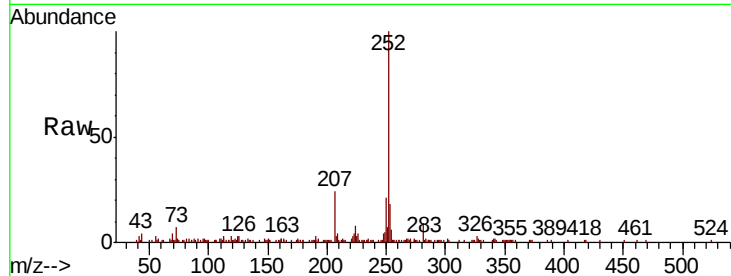
Tot Ion:252 Resp: 99152

Ion Ratio Lower Upper

252 100

253 18.5 16.6 25.0

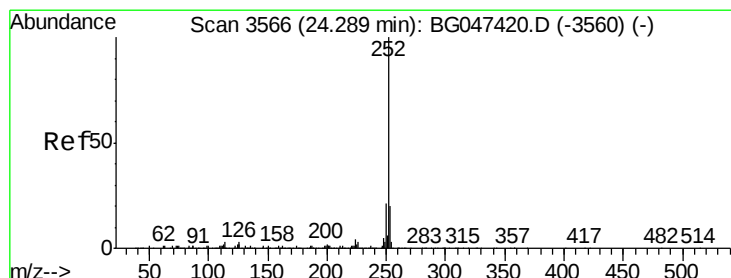
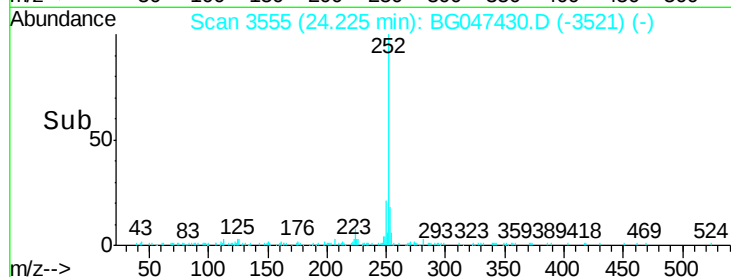
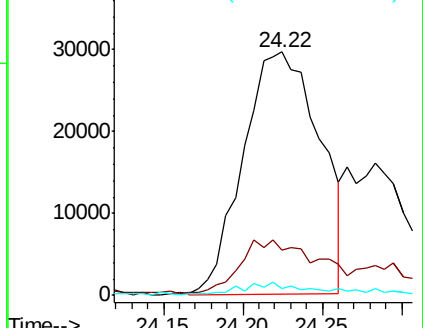
125 2.9 2.7 4.1



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: 6.932 ng/u1

RT: 24.22 min Scan# 3555

Delta R.T. -0.07 min

Lab File: BG047430.D

Acq: 24 Nov 2020 3:07

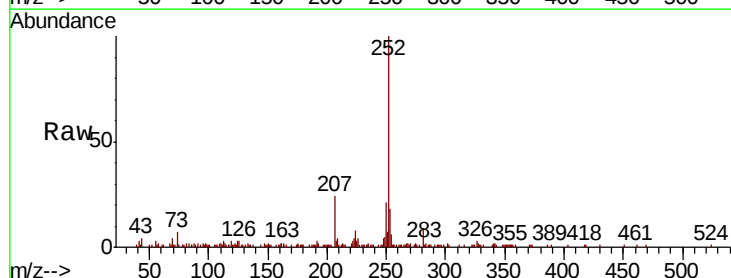
Tgt Ion:252 Resp: 99567

Ion Ratio Lower Upper

252 100

253 18.5 18.2 27.4

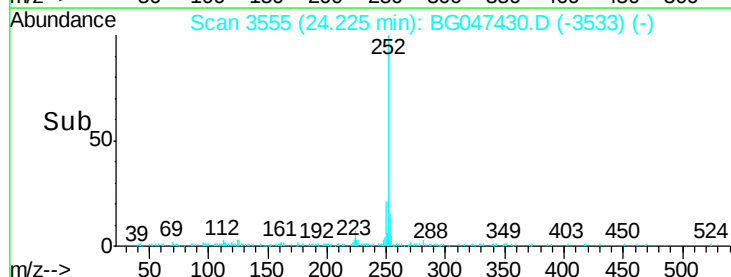
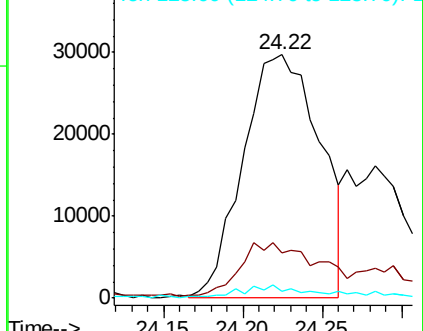
125 2.9 2.2 3.2

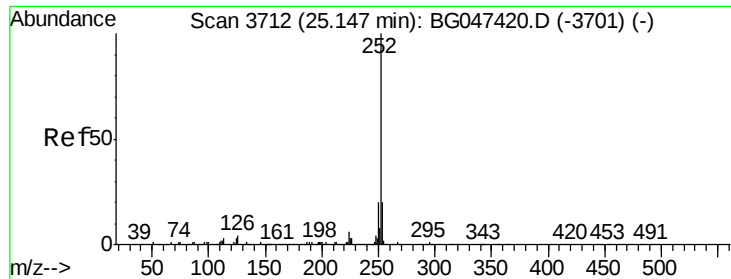


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 5.599 ng/ul

RT: 25.15 min Scan# 3712

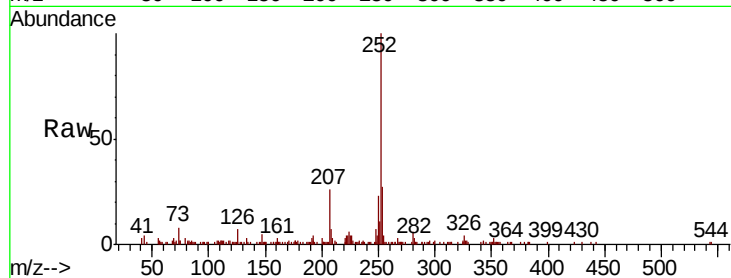
Delta R.T. 0.00 min

Lab File: BG047430.D

Acq: 24 Nov 2020 3:07

Tot Ion:252 Resp: 72745

Ion	Ratio	Lower	Upper
252	100		
253	26.6	18.6	27.8
125	1.1	3.1	4.7#

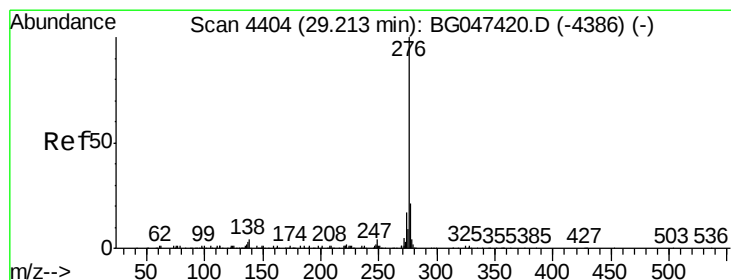
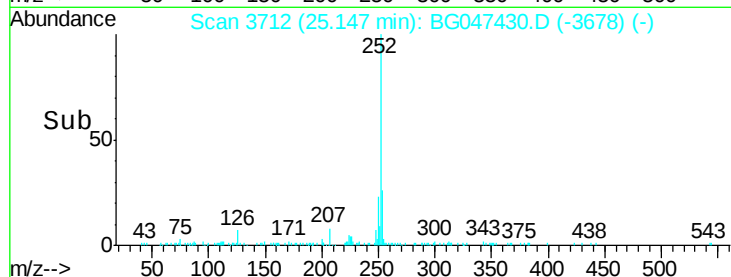
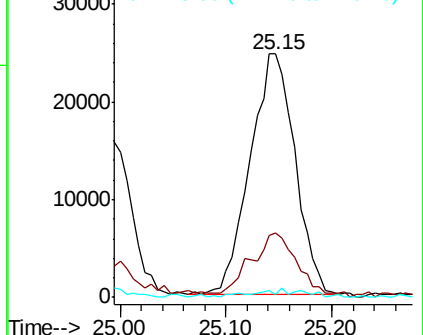


Abundance

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: 2.133 ng/ul

RT: 29.21 min Scan# 4404

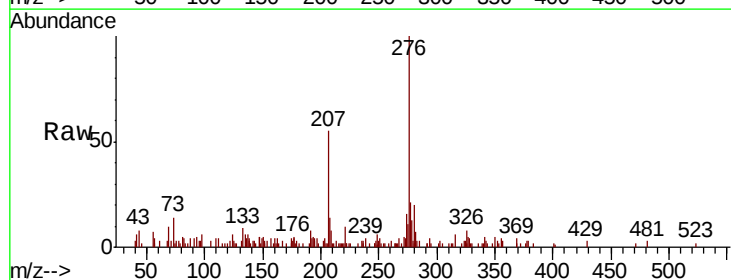
Delta R.T. -0.01 min

Lab File: BG047430.D

Acq: 24 Nov 2020 3:07

Tgt Ion:276 Resp: 33703

Ion	Ratio	Lower	Upper
276	100		
138	7.2	5.0	7.6
277	20.6	16.5	24.7



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

