Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047387.D
Acq On : 20 Nov 2020 23:02
Operator : CG/JU
Sample : L4711-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B08

Quant Time: Nov 21 01:31:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 21 01:27:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	39241	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	157448	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	125294	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	296239	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	257746	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	262271	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	651	0.60	ng/uL	0.00
5) Phenol-d5	7.40	99	19962	5.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	11346	5.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	14383	5.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	14294	4.73	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	7440	5.72	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	8065	5.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	18268	5.62	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	14827	4.51	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	55181	5.13	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	71869	5.78	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	5813	3.54	ng/ul	0.00
58) Fluorene-d10	15.87	176	55025	5.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	6901	4.09	ng/ul	0.00
71) Anthracene-d10	17.71	188	89245	6.07	ng/ul	0.00
79) Pyrene-d10	19.98	212	96952	6.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	91981	6.09	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.32	163	23582	2.149	ng/ul	98
70) Phenanthrene	17.66	178	27364	1.711	ng/ul#	94
77) Fluoranthene	19.65	202	76233	3.773	ng/ul	100
80) Pyrene	20.01	202	58640	3.212	ng/ul#	94
83) Benzo(a)anthracene	21.87	228	29373	1.602	ng/ul#	88
84) Bis(2-ethylhexyl)phthalate	21.77	149	11238	1.257	ng/ul#	85
85) Chrysene	21.95	228	33620	1.926	ng/ul#	88
88) Benzo(b)fluoranthene	24.21	252	45386	2.451	ng/ul#	89
91) Benzo(a)pyrene	25.13	252	30440	1.844	ng/ul#	96

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

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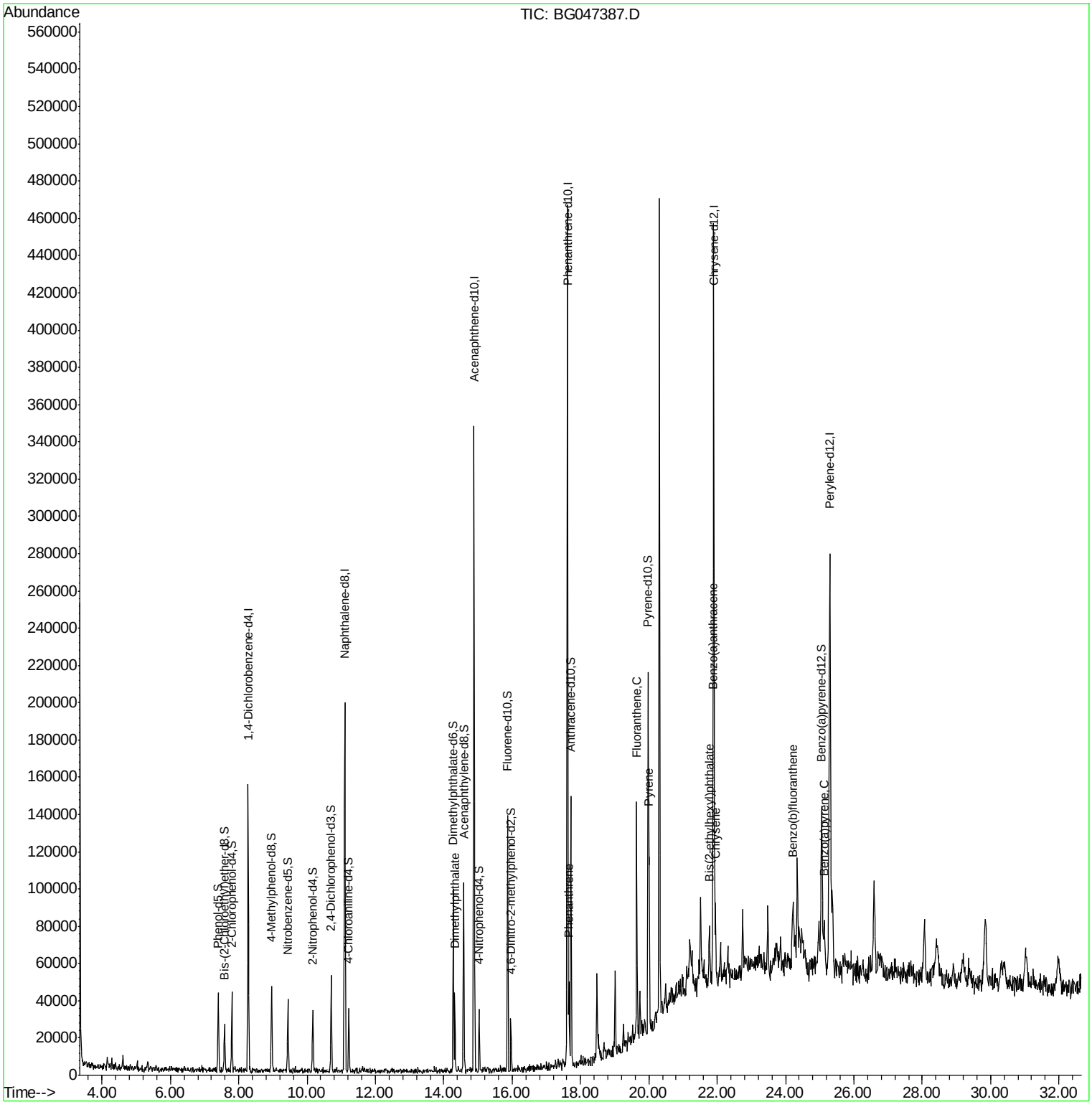
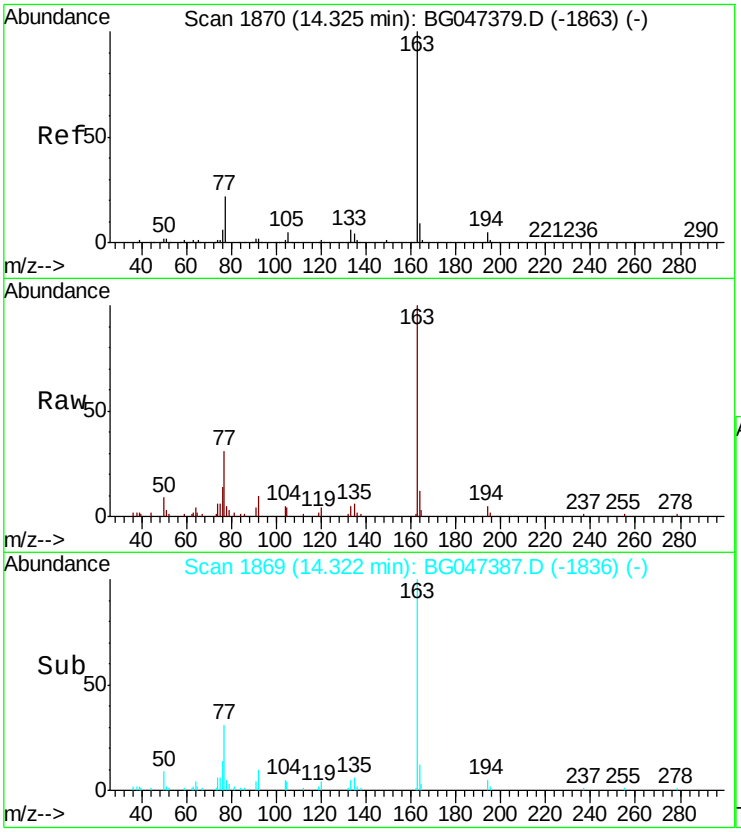


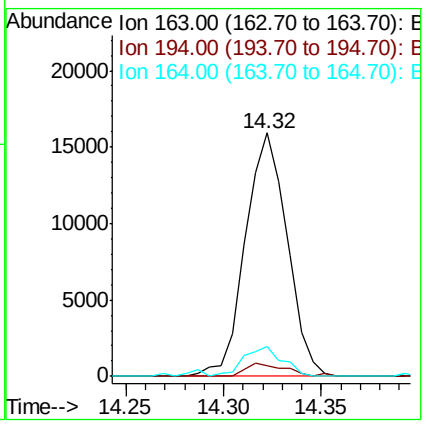


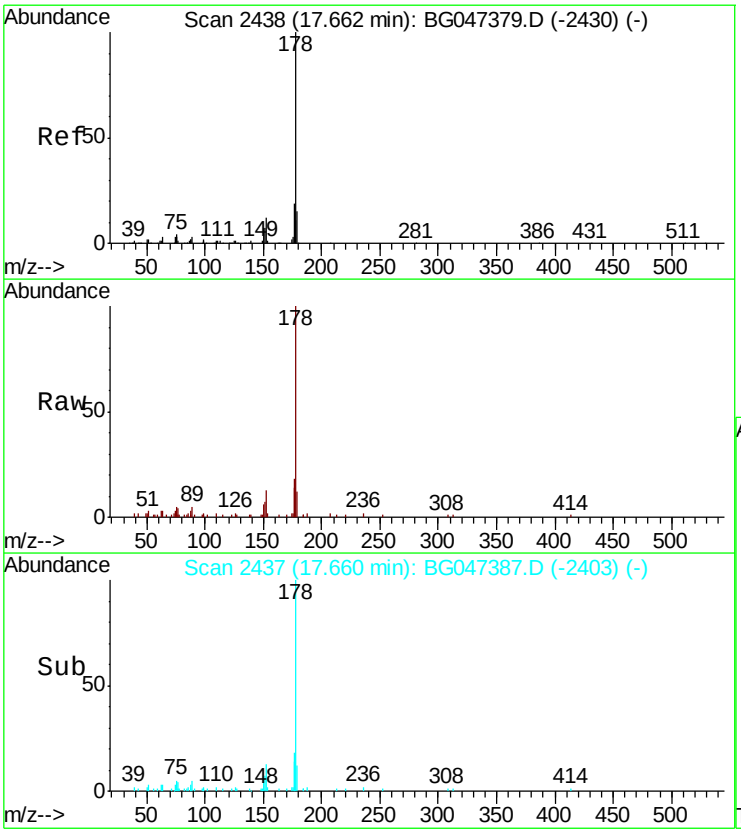
#45
Dimethylphthalate
Concen: 2.149 ng/ul
RT: 14.32 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BG047387.D
Acq: 20 Nov 2020 23:02

Instrument : BNA_G
ClientSampleId : C0B08

Tgt Ion:163 Resp: 23582

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	12.1	8.8	13.2

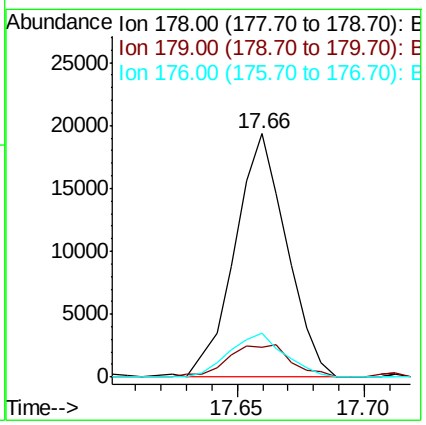


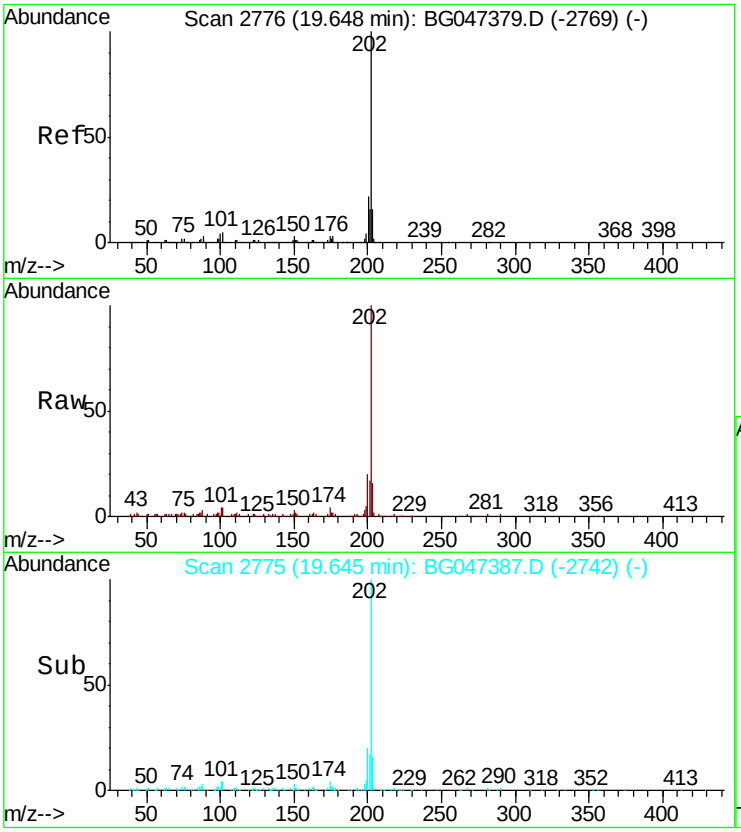


#70
Phenanthrene
Concen: 1.711 ng/ul
RT: 17.66 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG047387.D
Acq: 20 Nov 2020 23:02

Tgt Ion:178 Resp: 27364

Ion	Ratio	Lower	Upper
178	100		
179	12.2	12.8	19.2#
176	17.9	15.7	23.5



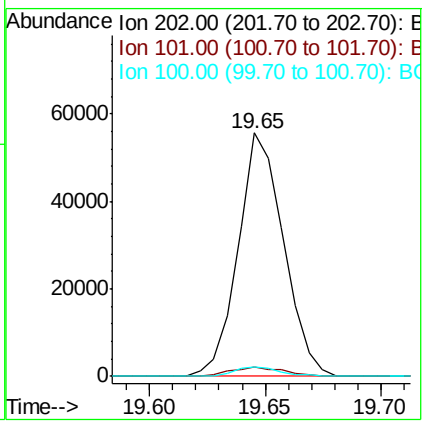


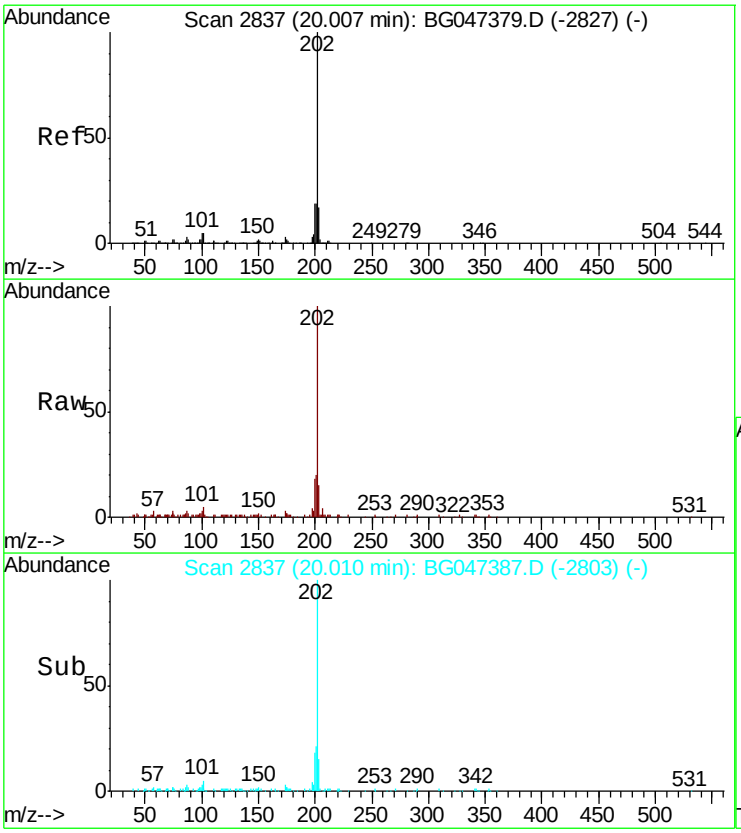
#77
Fluoranthene
Concen: 3.773 ng/ul
RT: 19.65 min Scan# 2775
Delta R.T. -0.00 min
Lab File: BG047387.D
Acq: 20 Nov 2020 23:02

Instrument :
BNA_G
ClientSampleId :
C0B08

Tgt Ion:202 Resp: 76233

Ion	Ratio	Lower	Upper
202	100		
101	4.1	3.3	4.9
100	3.9	3.4	5.0

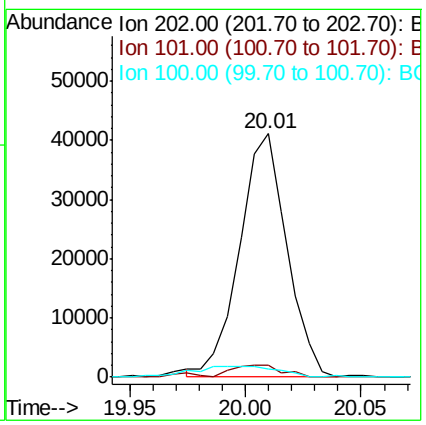


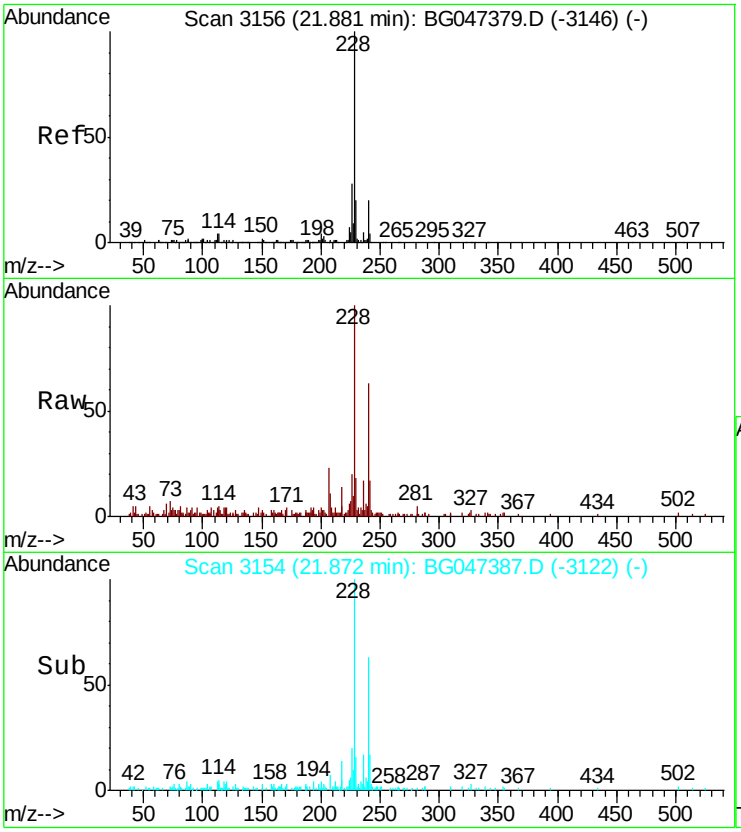


#80
Pyrene
Concen: 3.212 ng/ul
RT: 20.01 min Scan# 2837
Delta R.T. 0.00 min
Lab File: BG047387.D
Acq: 20 Nov 2020 23:02

Tgt Ion:202 Resp: 58640

Ion	Ratio	Lower	Upper
202	100		
101	4.8	5.0	7.4#
100	3.2	4.6	7.0#



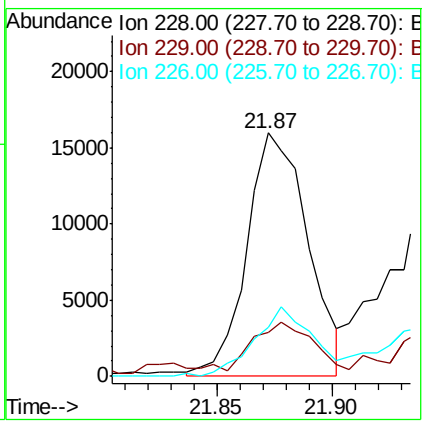


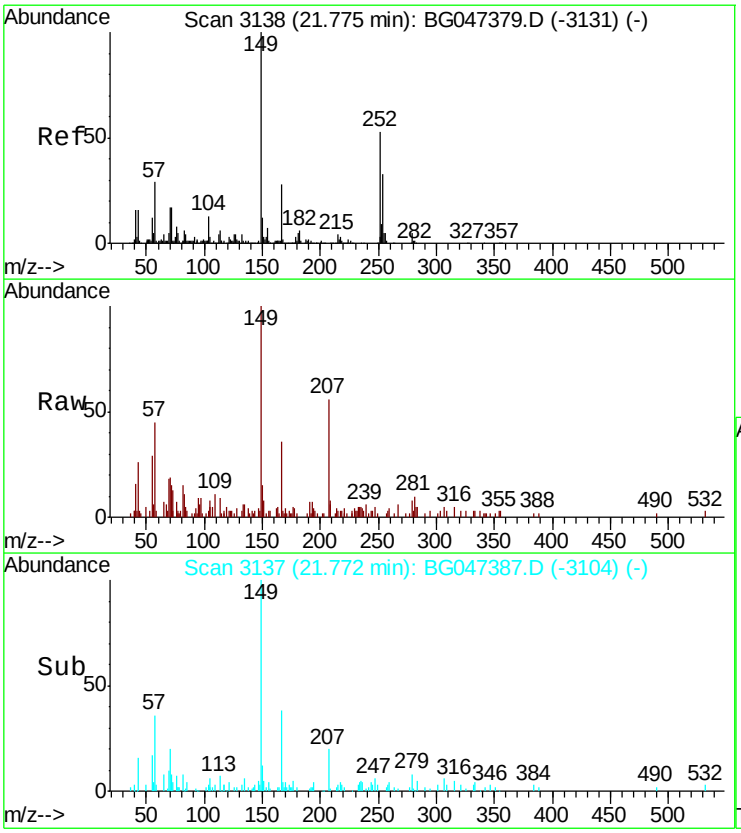
#83
Benzo(a)anthracene
Concen: 1.602 ng/ul
RT: 21.87 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG047387.D
Acq: 20 Nov 2020 23:02

Instrument :
BNA_G
ClientSampleId :
C0B08

Tgt Ion:228 Resp: 29373

Ion	Ratio	Lower	Upper
228	100		
229	18.0	16.2	24.2
226	20.0	23.3	34.9#

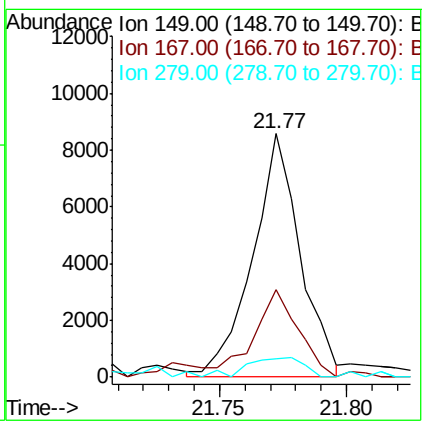


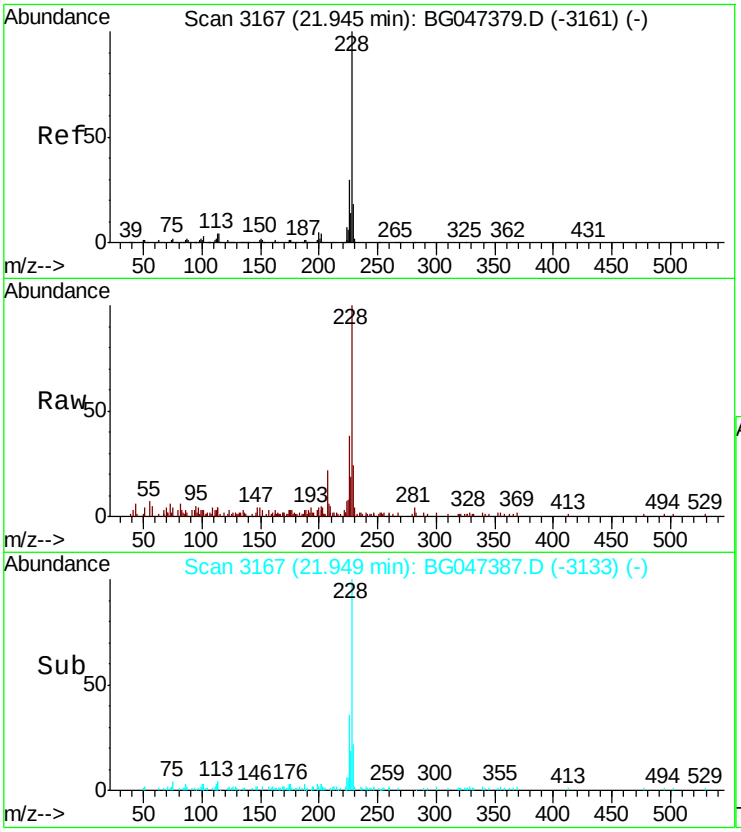


#84
Bis(2-ethylhexyl)phthalate
Concen: 1.257 ng/ul
RT: 21.77 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BG047387.D
Acq: 20 Nov 2020 23:02

Tgt Ion:149 Resp: 11238

Ion	Ratio	Lower	Upper
149	100		
167	35.7	21.8	32.8#
279	7.8	4.2	6.2#



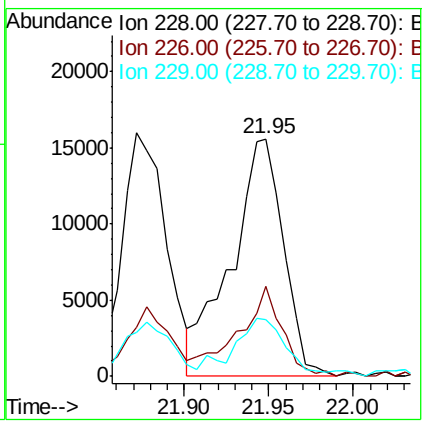


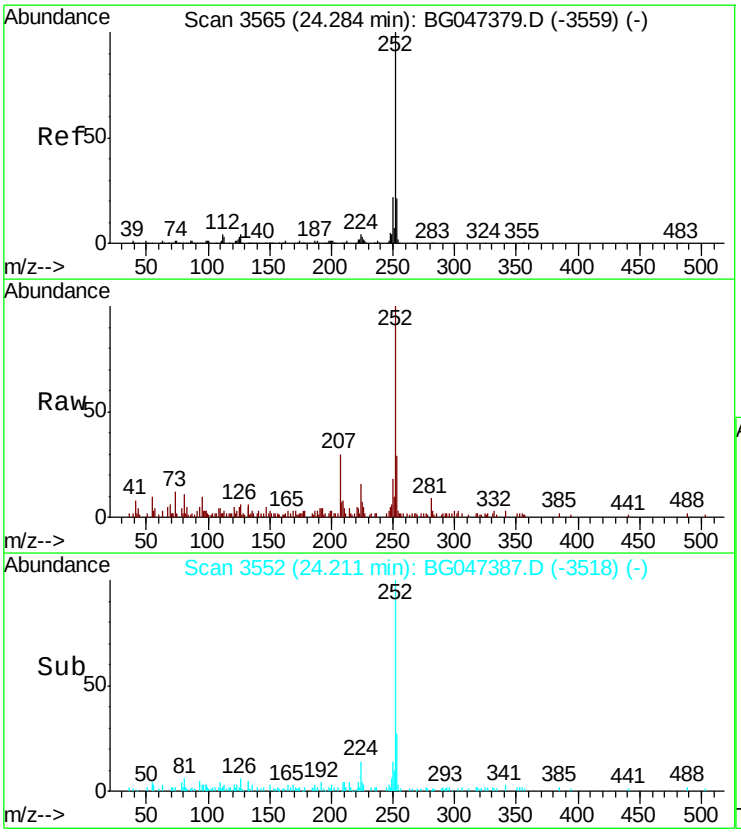
#85
Chrysene
Concen: 1.926 ng/ul
RT: 21.95 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BG047387.D
Acq: 20 Nov 2020 23:02

Instrument :
BNA_G
ClientSampleId :
C0B08

Tgt Ion:228 Resp: 33620

Ion	Ratio	Lower	Upper
228	100		
226	38.1	23.8	35.6#
229	23.6	16.3	24.5

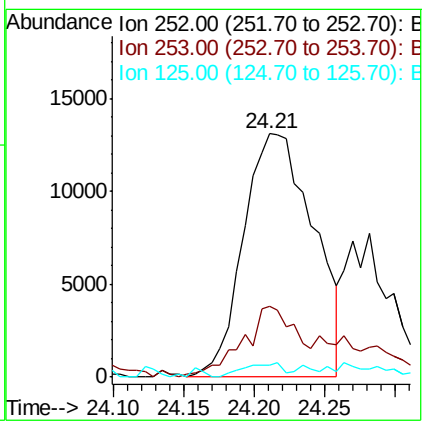


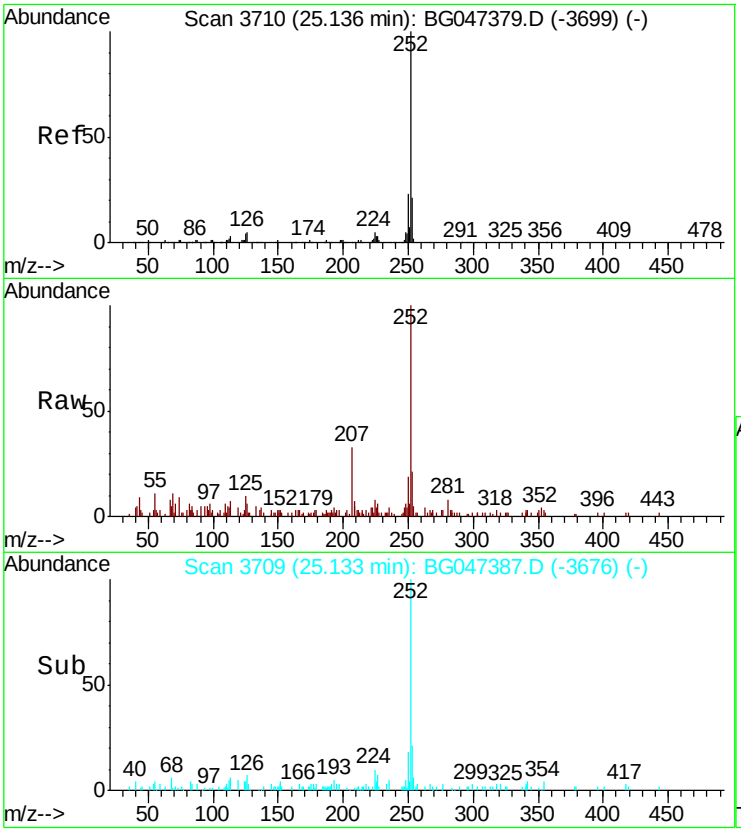


#88
Benzo(b)fluoranthene
Concen: 2.451 ng/ul
RT: 24.21 min Scan# 3552
Delta R.T. 0.00 min
Lab File: BG047387.D
Acq: 20 Nov 2020 23:02

Tgt Ion:252 Resp: 45386

Ion	Ratio	Lower	Upper
252	100		
253	29.0	18.4	27.6#
125	4.9	2.5	3.7#





#91
Benzo(a)pyrene
Concen: 1.844 ng/ul
RT: 25.13 min Scan# 3709
Delta R.T. -0.00 min
Lab File: BG047387.D
Acq: 20 Nov 2020 23:02

Instrument :
BNA_G
ClientSampleId :
C0B08

Tgt Ion:252 Resp: 30440

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.5	26.3
125	9.5	3.1	4.7#