Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047609.D
Acq On : 5 Dec 2020 17:15
Operator : CG/JU
Sample : L4864-22
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B68

Quant Time: Dec 07 05:08:53 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	8.26	152	41216	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.08	136	155845	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.87	164	119072	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.60	188	284859	20.00	ng/ul	-0.02
78) Chrysene-d12	21.88	240	246942	20.00	ng/ul	-0.02
86) Perylene-d12	25.27	264	252385	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	1499	1.32	ng/uL	-0.01
5) Phenol-d5	7.39	99	34860	8.43	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.56	67	21536	9.14	ng/ul	-0.03
9) 2-Chlorophenol-d4	7.77	132	28855	10.41	ng/ul	-0.02
13) 4-Methylphenol-d8	8.94	113	17109	5.39	ng/ul	-0.02
19) Nitrobenzene-d5	9.42	128	13445	10.44	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.14	143	17395	12.38	ng/ul	-0.03
26) 2,4-Dichlorophenol-d3	10.69	165	33718	10.48	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.20	131	26622	8.19	ng/ul	-0.02
44) Dimethylphthalate-d6	14.25	166	118989	11.64	ng/ul	-0.02
47) Acenaphthylene-d8	14.56	160	134815	11.41	ng/ul	-0.02
52) 4-Nitrophenol-d4	15.02	143	11529	7.39	ng/ul	0.00
58) Fluorene-d10	15.85	176	110426	11.79	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.95	200	16191	9.99	ng/ul	-0.02
71) Anthracene-d10	17.70	188	172680	12.22	ng/ul	-0.02
79) Pyrene-d10	19.97	212	190601	13.26	ng/ul	-0.01
90) Benzo(a)pyrene-d12	25.03	264	179940	12.39	ng/ul	-0.03
Target Compounds						Qvalue
45) Dimethylphthalate	14.30	163	23046	2.210	ng/ul#	97
77) Fluoranthene	19.63	202	101160	5.207	ng/ul#	97
80) Pyrene	20.00	202	98124	5.610	ng/ul#	96
83) Benzo(a)anthracene	21.86	228	108764	6.190	ng/ul	97
85) Chrysene	21.93	228	110663	6.618	ng/ul	99
88) Benzo(b)fluoranthene	24.18	252	157055	8.814	ng/ul	99
89) Benzo(k)fluoranthene	24.18	252	157055	8.944	ng/ul	97
91) Benzo(a)pyrene	25.10	252	97229	6.121	ng/ul	99

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

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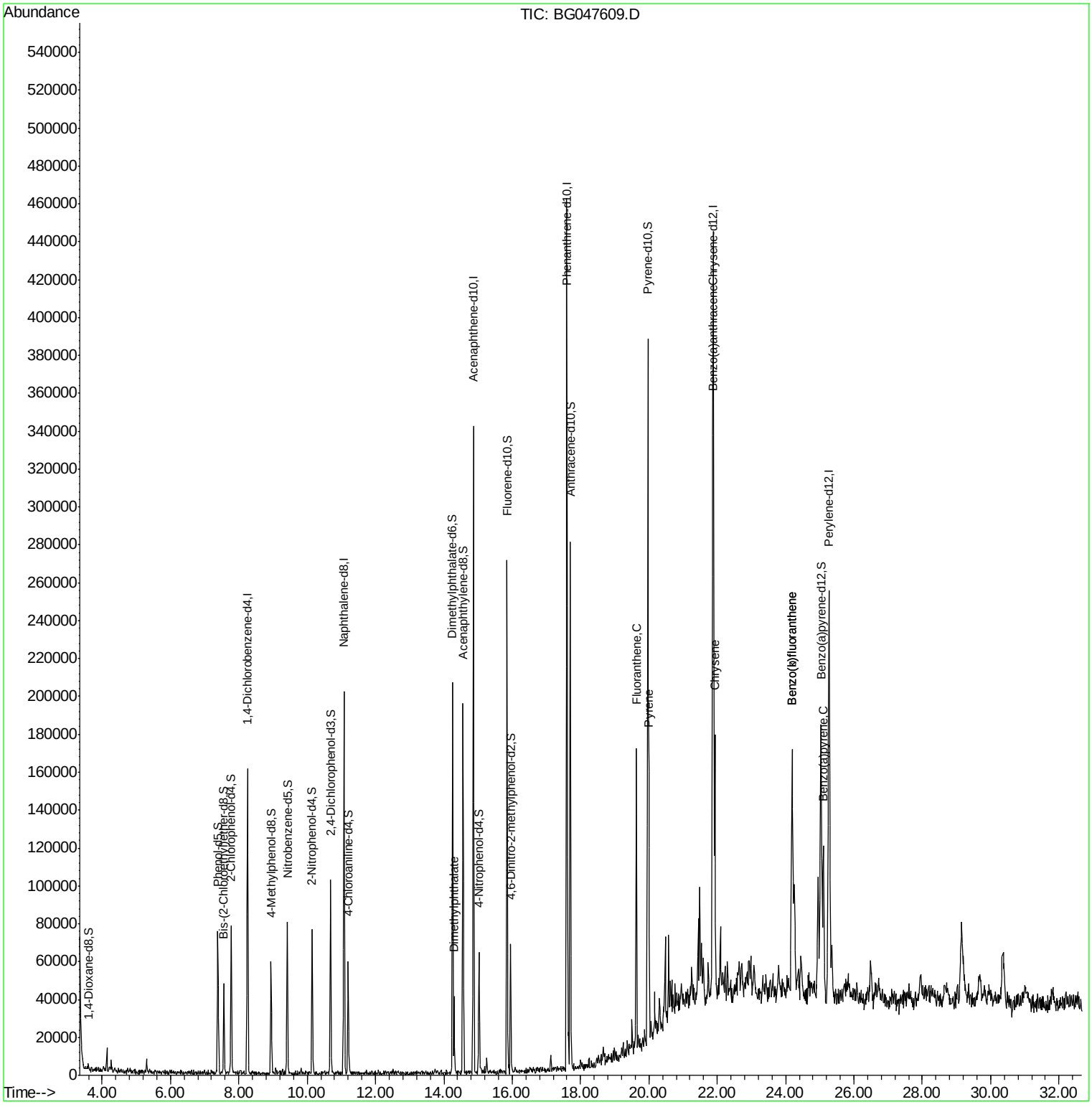
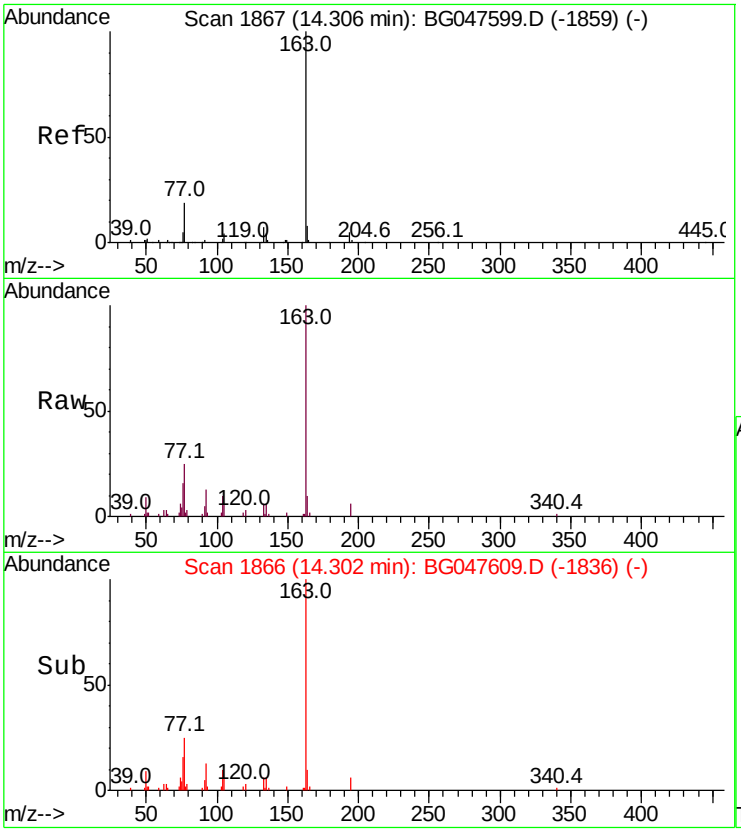


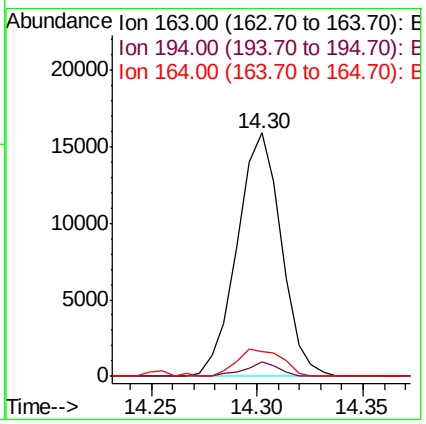


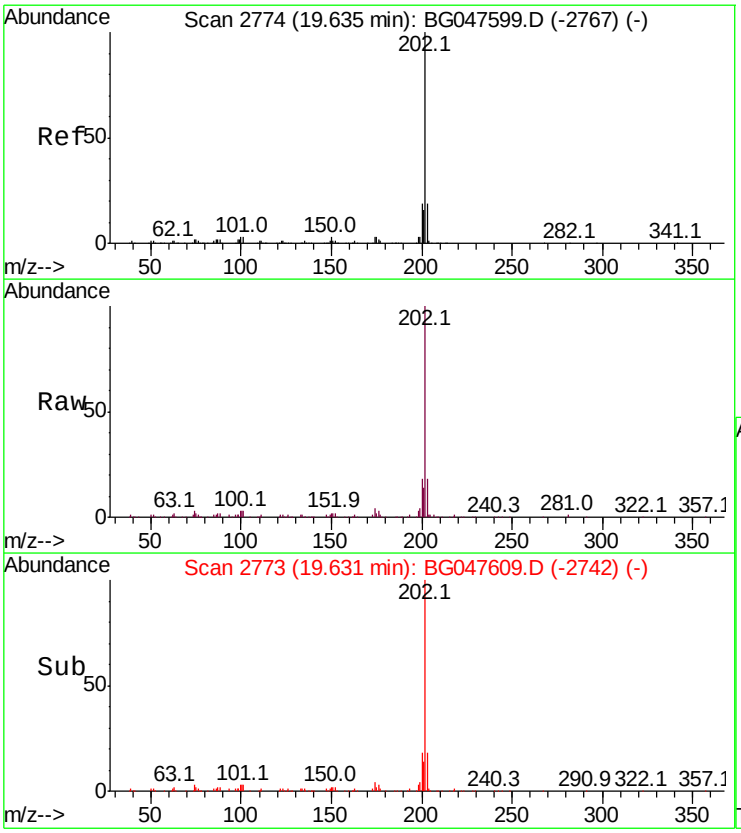
#45
Dimethylphthalate
Concen: 2.210 ng/ul
RT: 14.30 min Scan# 1866
Delta R.T. -0.02 min
Lab File: BG047609.D
Acq: 5 Dec 2020 17:15

Instrument :
BNA_G
ClientSampleId :
C0B68

Tgt Ion:163 Resp: 23046

Ion	Ratio	Lower	Upper
163	100		
194	6.0	3.4	5.2#
164	9.9	8.8	13.2

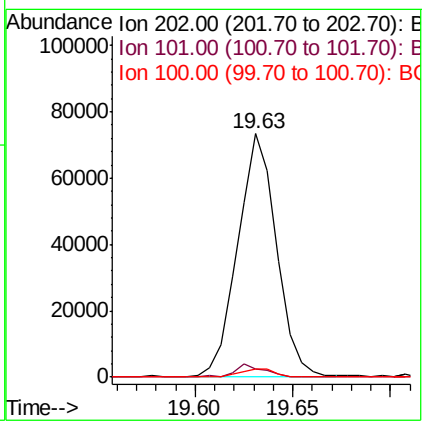


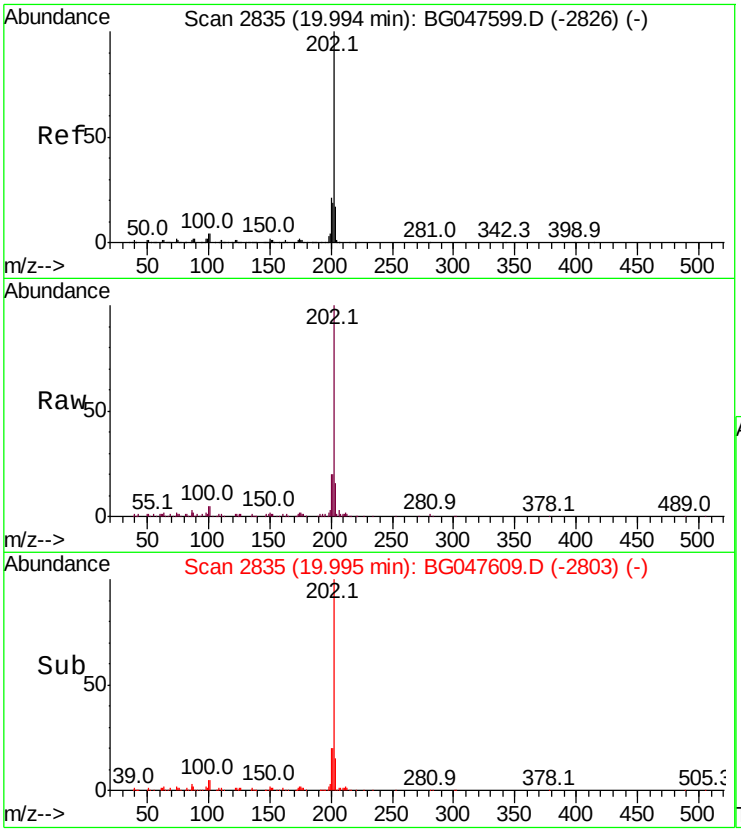


#77
Fluoranthene
Concen: 5.207 ng/ul
RT: 19.63 min Scan# 2773
Delta R.T. -0.02 min
Lab File: BG047609.D
Acq: 5 Dec 2020 17:15

Tgt Ion:202 Resp: 101160

Ion	Ratio	Lower	Upper
202	100		
101	3.3	3.3	4.9
100	3.1	3.4	5.0#



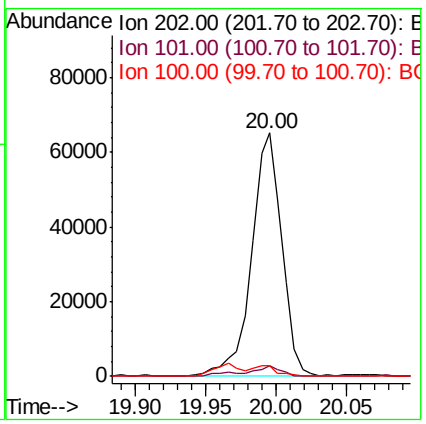


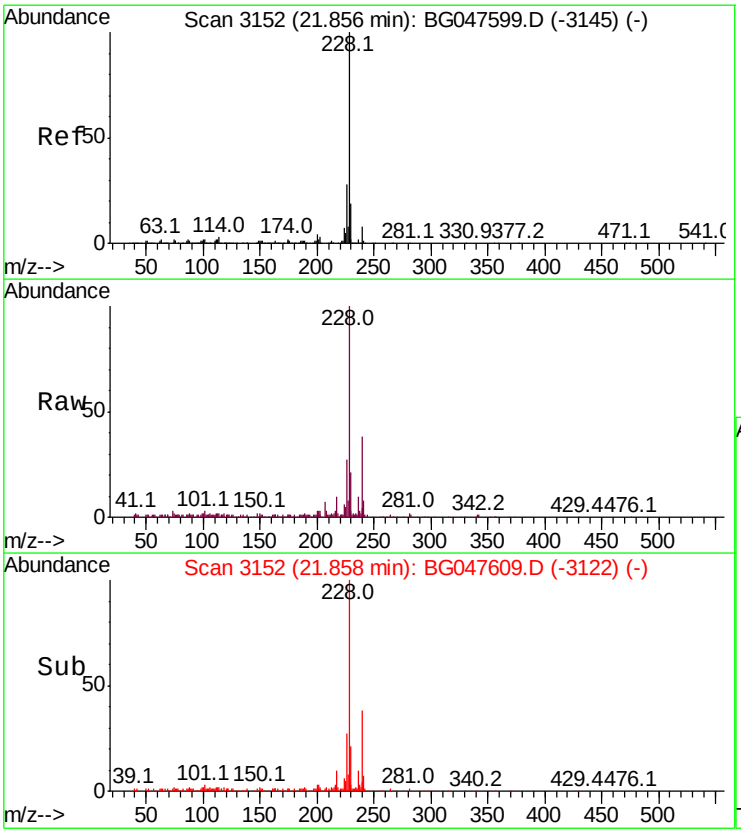
#80
Pyrene
Concen: 5.610 ng/ul
RT: 20.00 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BG047609.D
Acq: 5 Dec 2020 17:15

Instrument :
BNA_G
ClientSampleId :
C0B68

Tgt Ion:202 Resp: 98124

Ion	Ratio	Lower	Upper
202	100		
101	4.5	5.0	7.4#
100	4.6	4.6	7.0#

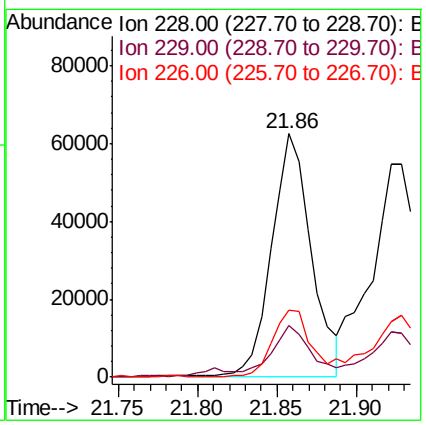


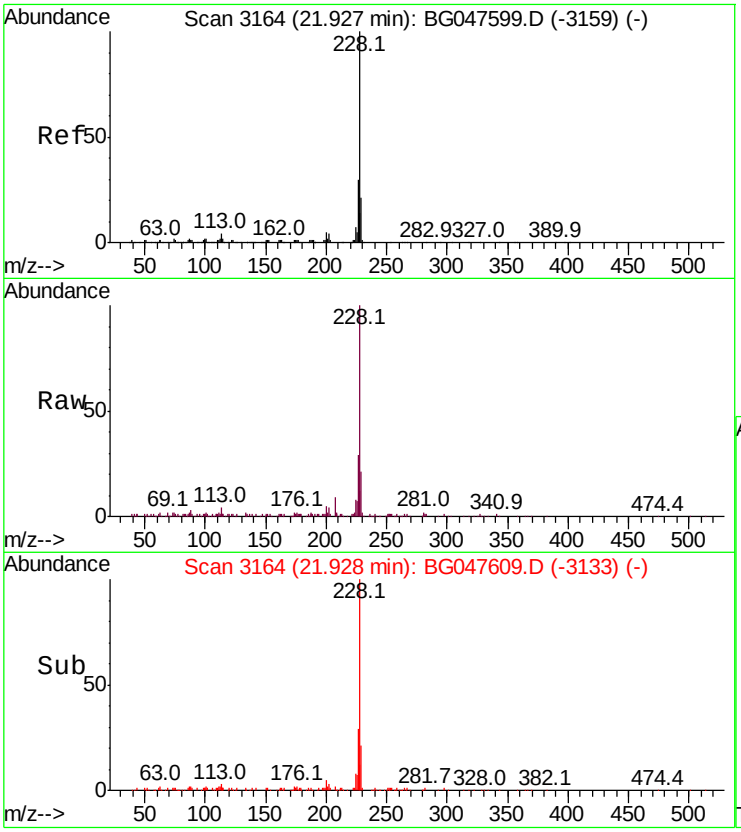


#83
Benzo(a)anthracene
Concen: 6.190 ng/ul
RT: 21.86 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BG047609.D
Acq: 5 Dec 2020 17:15

Tgt Ion:228 Resp: 108764

Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.2	24.2
226	27.5	23.3	34.9



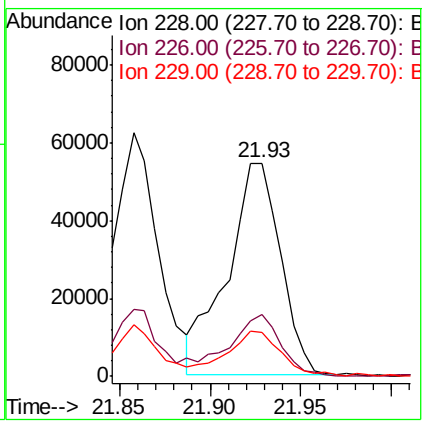


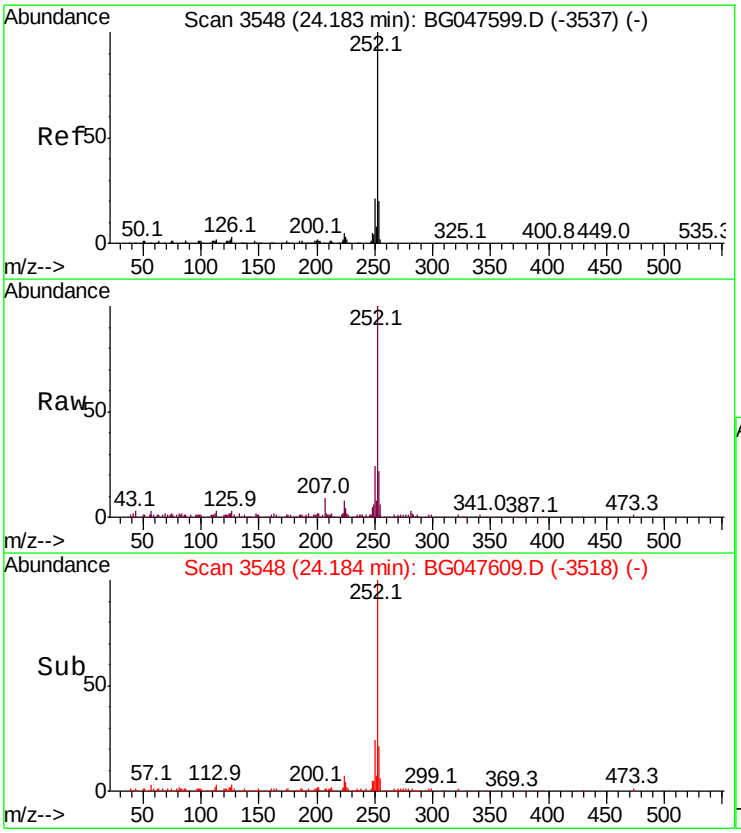
#85
Chrysene
Concen: 6.618 ng/ul
RT: 21.93 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG047609.D
Acq: 5 Dec 2020 17:15

Instrument :
BNA_G
ClientSampleId :
C0B68

Tgt Ion:228 Resp: 110663

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.8	35.6
229	20.8	16.3	24.5

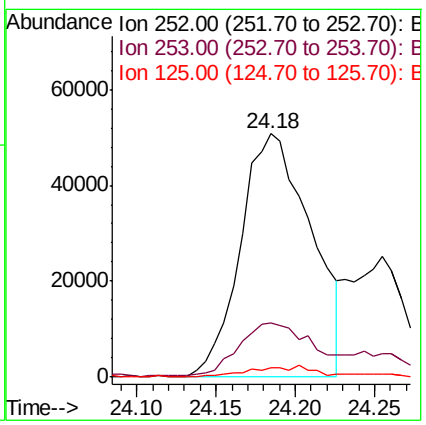


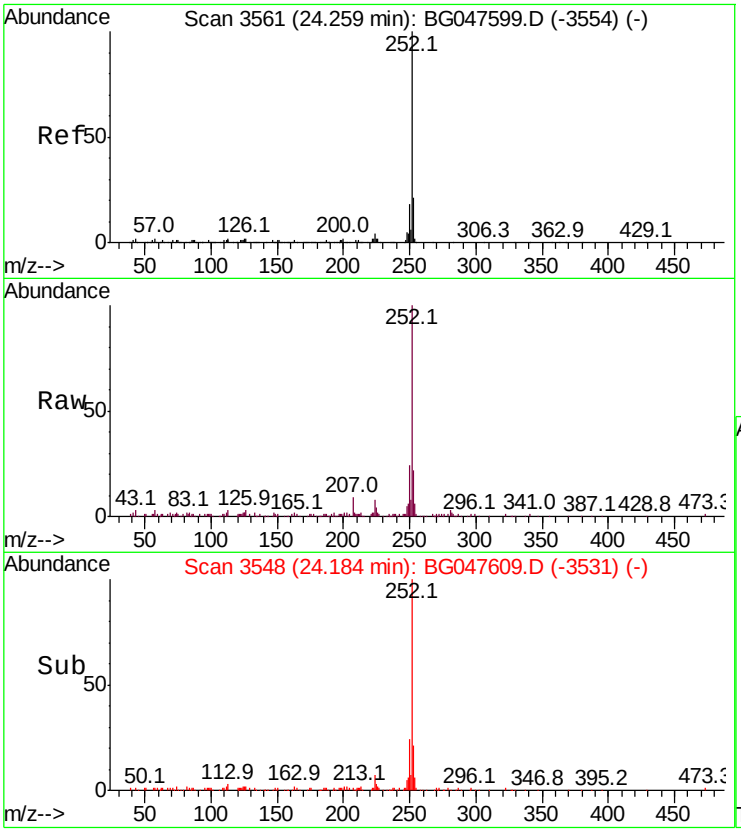


#88
Benzo(b)fluoranthene
Concen: 8.814 ng/ul
RT: 24.18 min Scan# 3548
Delta R.T. -0.02 min
Lab File: BG047609.D
Acq: 5 Dec 2020 17:15

Tgt Ion:252 Resp: 157055

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	3.6	2.5	3.7



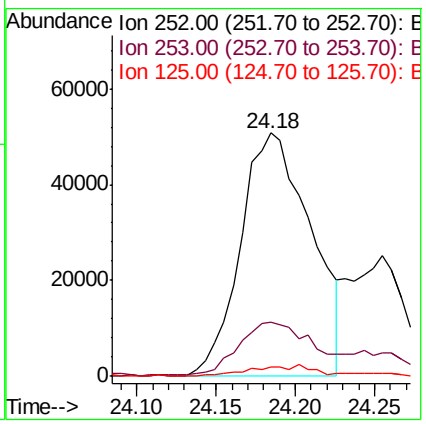


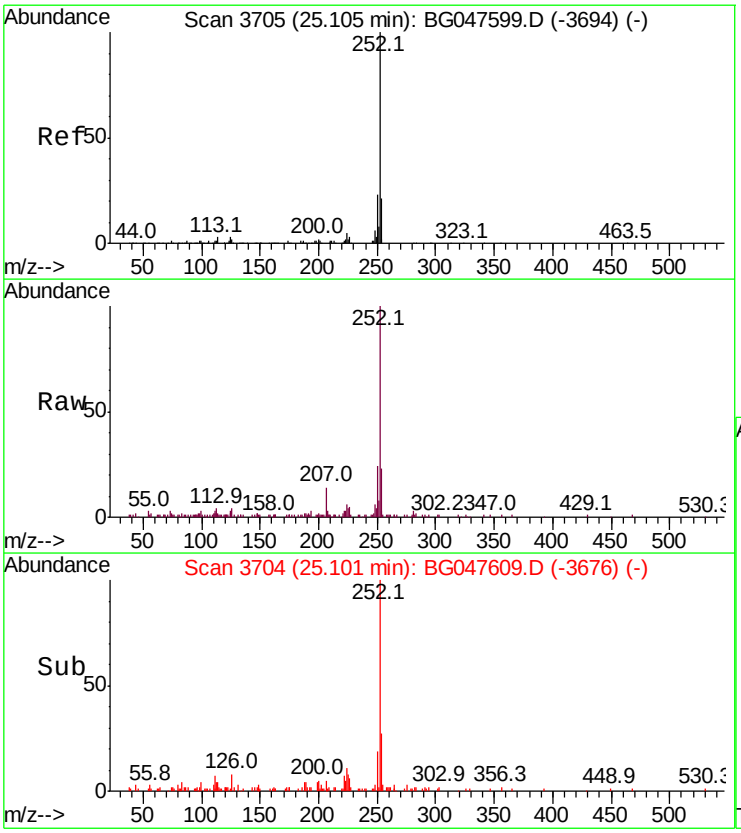
#89
Benzo(k)fluoranthene
Concen: 8.944 ng/ul
RT: 24.18 min Scan# 3548
Delta R.T. -0.10 min
Lab File: BG047609.D
Acq: 5 Dec 2020 17:15

Instrument :
BNA_G
ClientSampleId :
C0B68

Tgt Ion:252 Resp: 157055

Ion	Ratio	Lower	Upper
252	100		
253	22.3	16.7	25.1
125	3.6	2.6	3.8





#91
Benzo(a)pyrene
Concen: 6.121 ng/ul
RT: 25.10 min Scan# 3704
Delta R.T. -0.04 min
Lab File: BG047609.D
Acq: 5 Dec 2020 17:15

Tgt Ion:252 Resp: 97229

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	3.5	3.1	4.7