Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047059.D
Acq On : 23 Oct 2020 10:31
Operator : CG/JU
Sample : L4365-06
Misc : GCMS CONFIRMATION
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEQD2

Quant Time: Oct 23 11:26:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 22 05:48:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	62044	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	230678	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	154424	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	335794	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	350718	20.00	ng/ul	0.00
86) Perylene-d12	24.93	264	383594	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
70) Phenanthrene	17.47	178	160724	8.534	ng/ul	98
77) Fluoranthene	19.48	202	194111	8.563	ng/ul#	98
80) Pyrene	19.84	202	155845	6.493	ng/ul	99
83) Benzo(a)anthracene	21.68	228	87197	3.670	ng/ul	99
85) Chrysene	21.75	228	106878	4.676	ng/ul	98
88) Benzo(b)fluoranthene	23.90	252	73605	2.889	ng/ul	94

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

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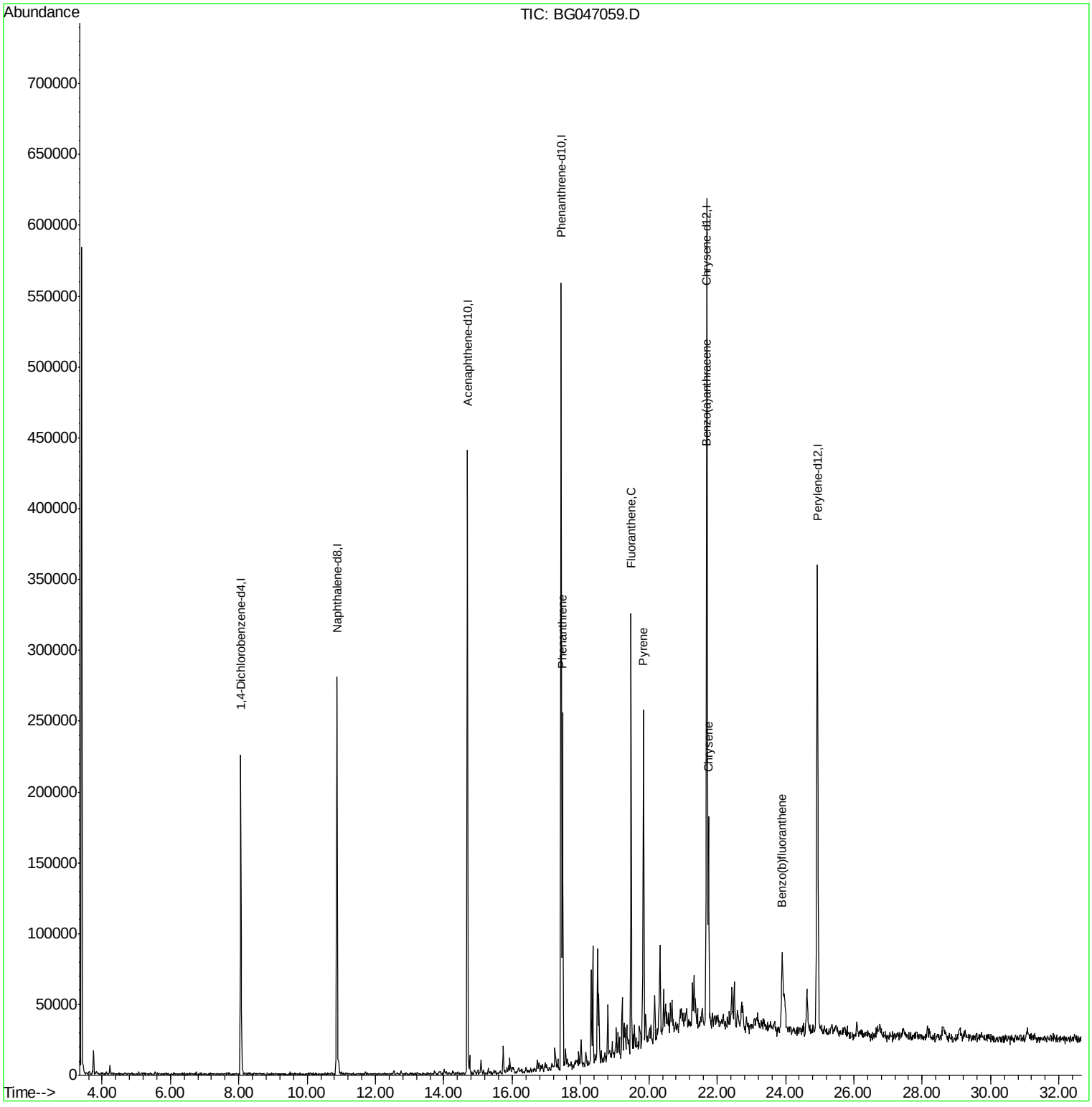
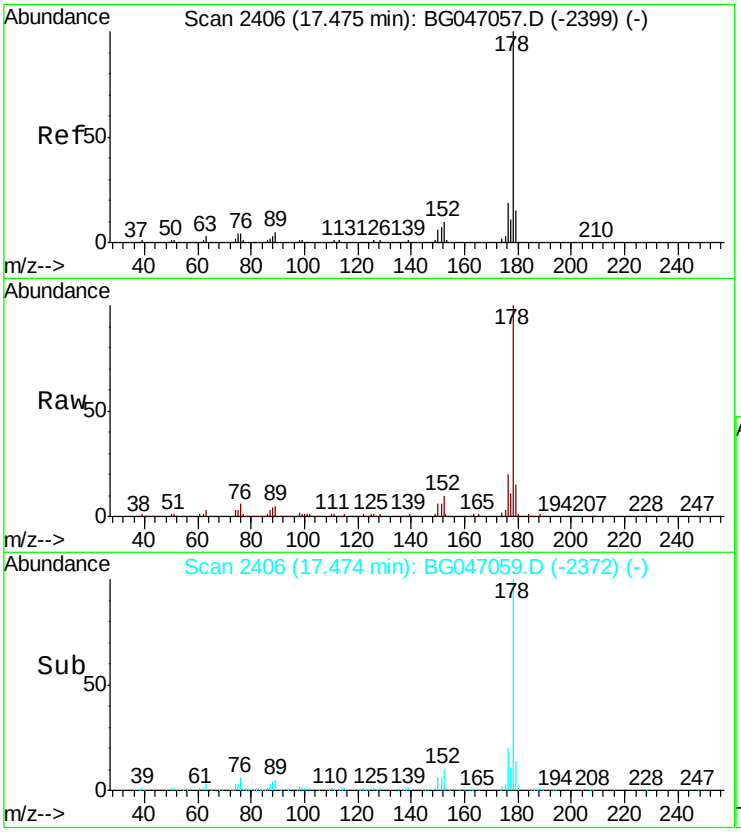


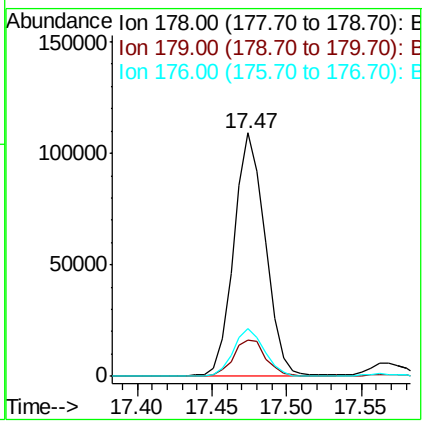


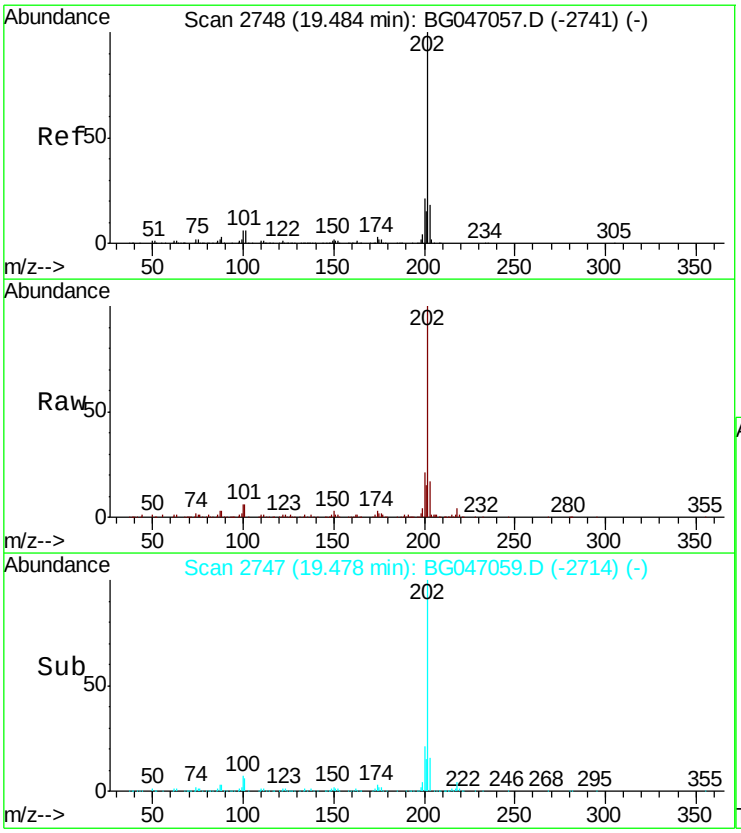
#70
Phenanthrene
Concen: 8.534 ng/ul
RT: 17.47 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG047059.D
Acq: 23 Oct 2020 10:31

Instrument :
BNA_G
ClientSampleId :
BEQD2

Tgt Ion:178 Resp: 160724

Ion	Ratio	Lower	Upper
178	100		
179	14.6	13.0	19.4
176	19.8	15.5	23.3

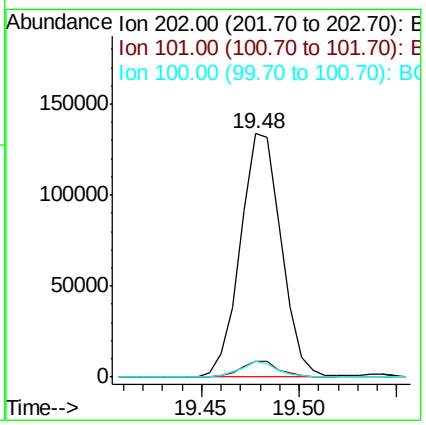


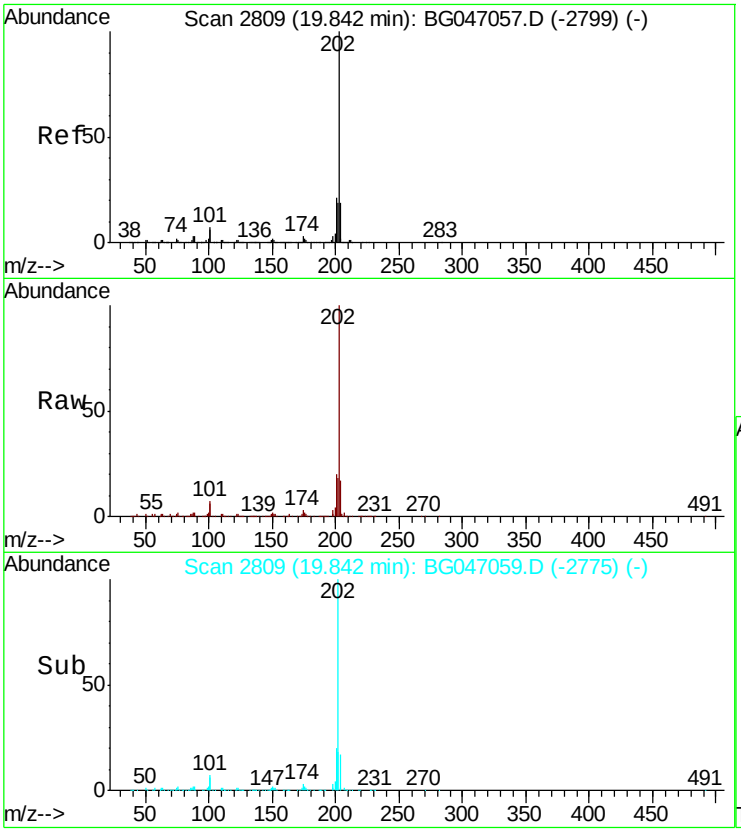


#77
Fluoranthene
Concen: 8.563 ng/ul
RT: 19.48 min Scan# 2747
Delta R.T. -0.01 min
Lab File: BG047059.D
Acq: 23 Oct 2020 10:31

Tgt Ion:202 Resp: 194111

Ion	Ratio	Lower	Upper
202	100		
101	6.5	4.9	7.3
100	6.5	4.2	6.4#



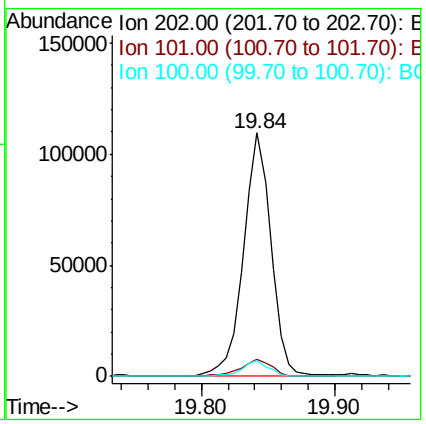


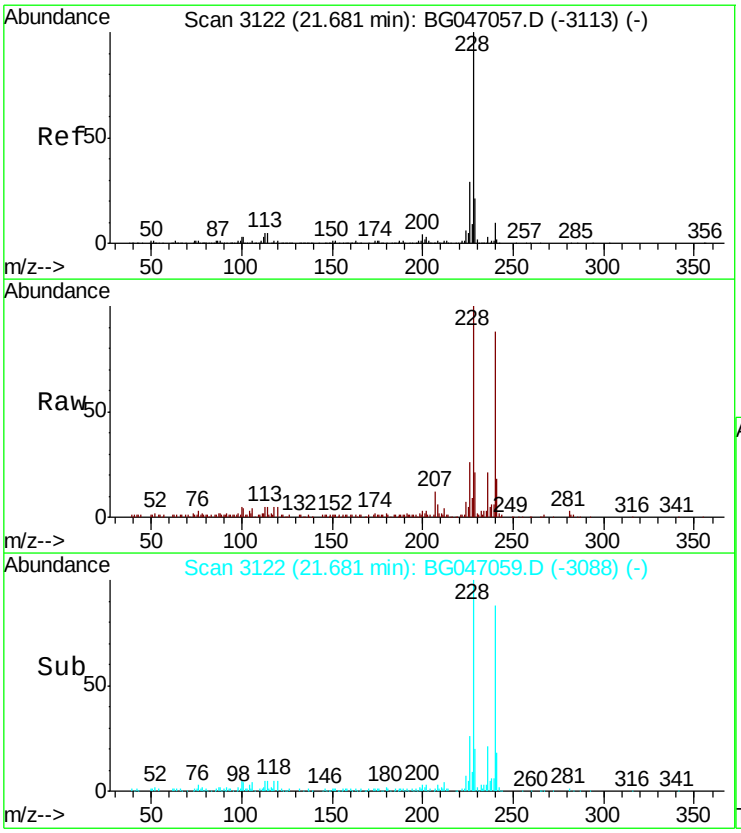
#80
Pyrene
Concen: 6.493 ng/ul
RT: 19.84 min Scan# 2809
Delta R.T. -0.00 min
Lab File: BG047059.D
Acq: 23 Oct 2020 10:31

Instrument :
BNA_G
ClientSampleId :
BEQD2

Tgt Ion:202 Resp: 155845

Ion	Ratio	Lower	Upper
202	100		
101	7.0	5.8	8.6
100	6.4	5.0	7.4

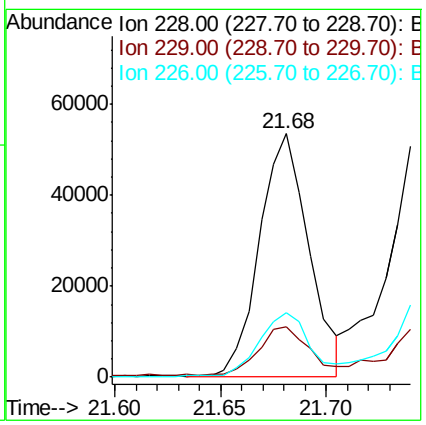


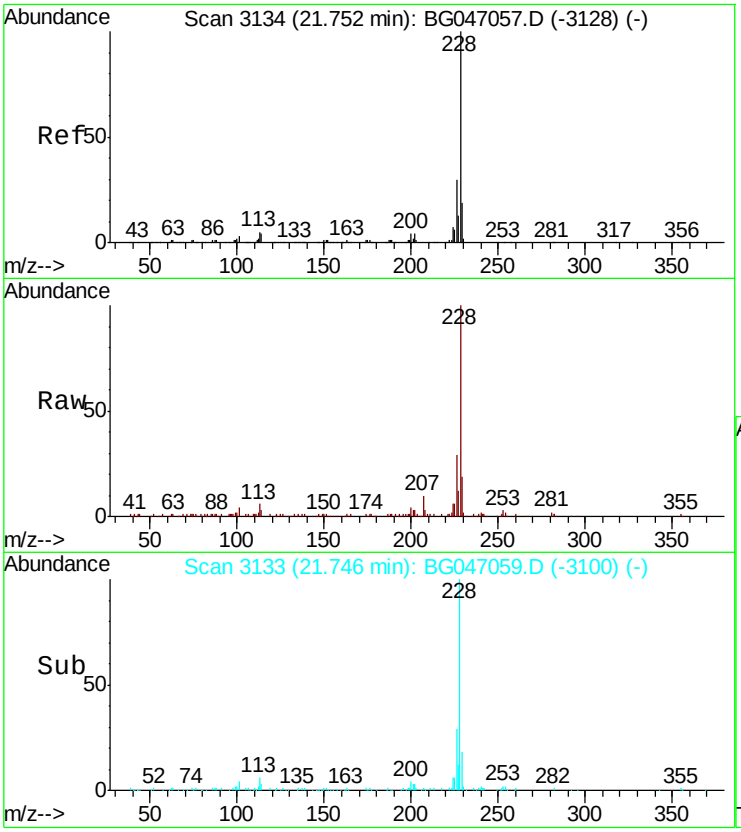


#83
Benzo(a)anthracene
Concen: 3.670 ng/ul
RT: 21.68 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BG047059.D
Acq: 23 Oct 2020 10:31

Tgt Ion:228 Resp: 87197

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.0	24.0
226	26.2	20.8	31.2



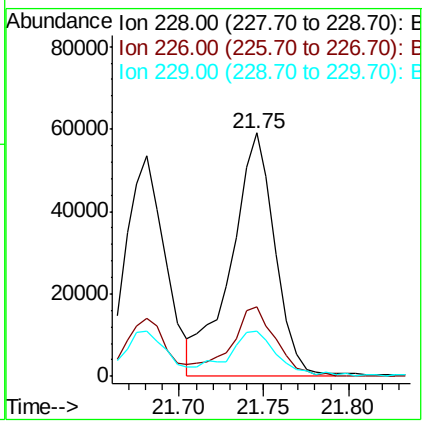


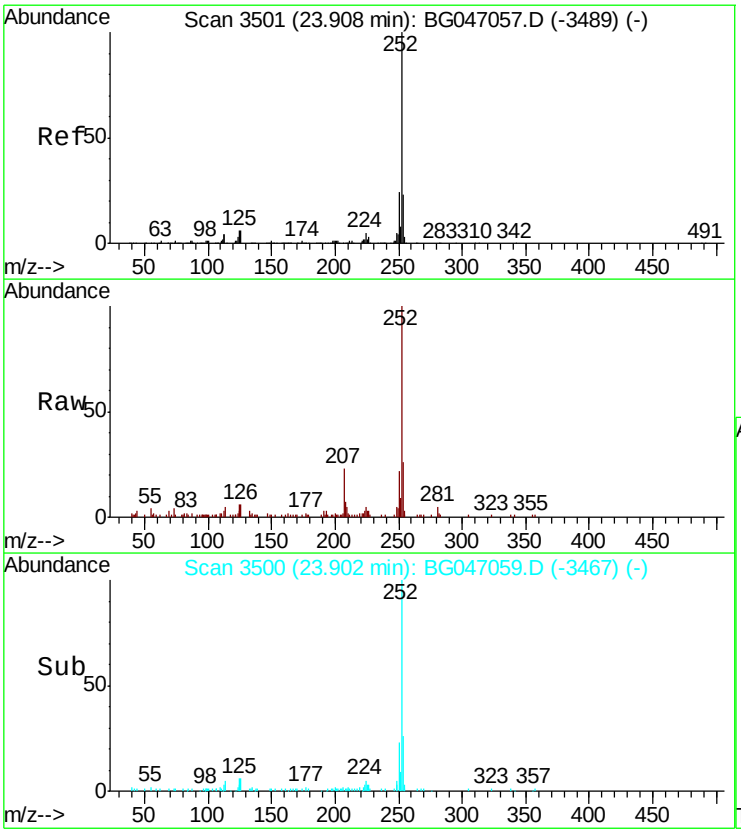
#85
Chrysene
Concen: 4.676 ng/ul
RT: 21.75 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG047059.D
Acq: 23 Oct 2020 10:31

Instrument :
BNA_G
ClientSampleId :
BEQD2

Tgt Ion:228 Resp: 106878

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.8	34.2
229	18.7	16.2	24.2





#88
Benzo(b)fluoranthene
Concen: 2.889 ng/ul
RT: 23.90 min Scan# 3500
Delta R.T. -0.01 min
Lab File: BG047059.D
Acq: 23 Oct 2020 10:31

Tgt Ion:252 Resp: 73605

Ion	Ratio	Lower	Upper
252	100		
253	26.2	18.4	27.6
125	6.3	4.2	6.4