Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046259.D
Acq On : 13 Aug 2020 21:43
Operator : CG/JU
Sample : L3629-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM49

Quant Time: Aug 14 05:22:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 13:50:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	131712	20.00	ng/ul	0.00
2) Naphthalene-d8	10.75	136	521928	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	336223	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.32	188	748796	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	747162	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	789085	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.37	165	106945	11.90	ng/ul	0.00
7) Acenaphthylene-d8	14.27	160	414382	13.39	ng/ul	0.00
10) Fluorene-d10	15.56	176	308681	13.02	ng/ul	0.00
15) Anthracene-d10	17.42	188	461879	13.31	ng/ul	0.00
19) Pyrene-d10	19.70	212	527157	13.71	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	559259	12.99	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.36	178	103652	2.516	ng/ul	99
17) Fluoranthene	19.37	202	232443	5.060	ng/ul	99
20) Pyrene	19.72	202	213239	4.348	ng/ul	98
21) Benzo(a)anthracene	21.54	228	119093	2.450	ng/ul	97
22) Chrysene	21.60	228	122162	2.600	ng/ul	99
24) Benzo(b)fluoranthene	23.69	252	167118	3.203	ng/ul	98
25) Benzo(k)fluoranthene	23.69	252	167118	3.229	ng/ul	96
27) Benzo(a)pyrene	24.52	252	110127	2.299	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.16	276	78744	1.313	ng/ul	93

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

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Operator : CG/JU
Sample : L3629-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFM49

Quant Time: Aug 14 05:22:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
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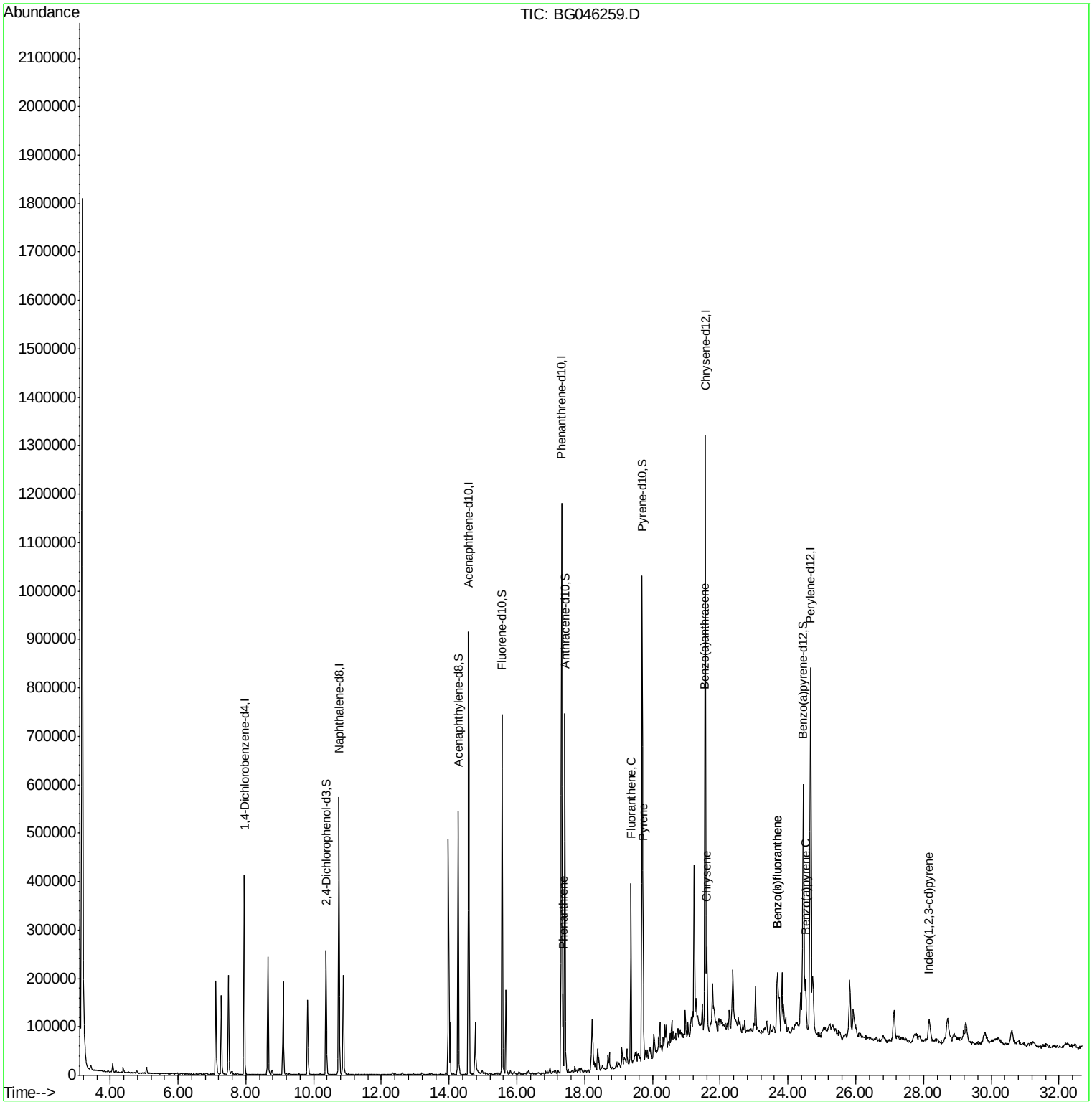
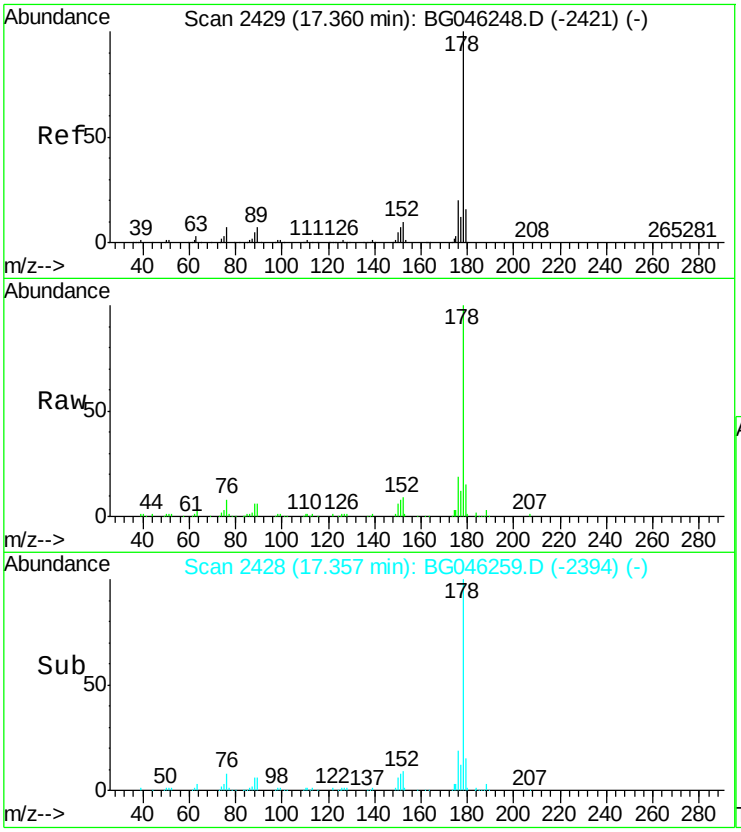
Response via : Initial Calibration



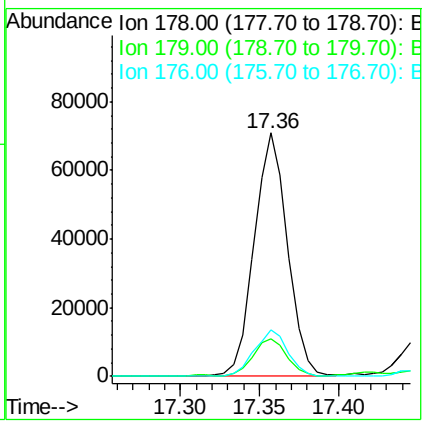


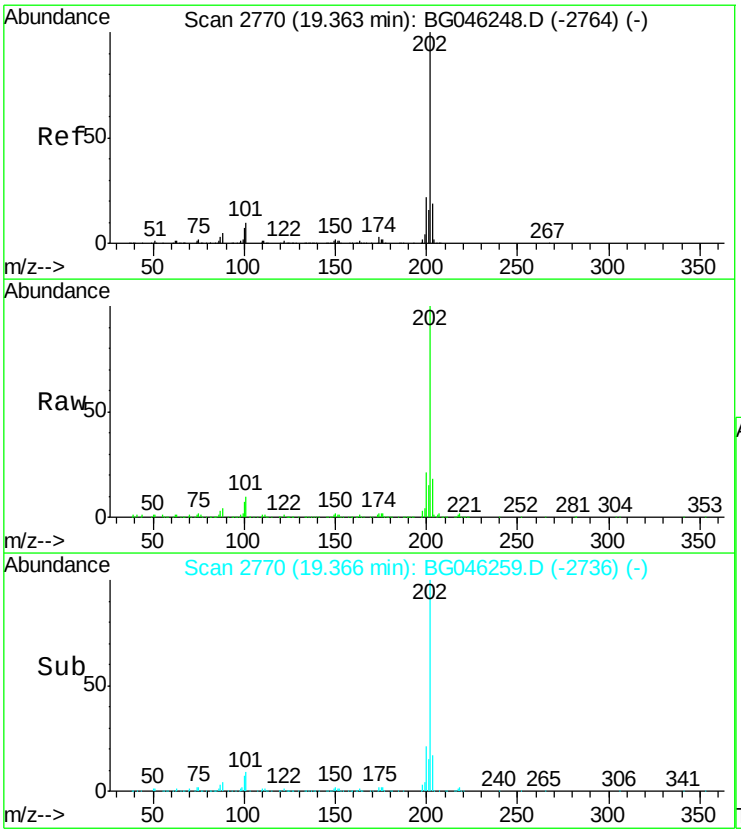
#14
Phenanthrene
Concen: 2.516 ng/ul
RT: 17.36 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG046259.D
Acq: 13 Aug 2020 21:43

Instrument :
BNA_G
ClientSampleId :
BFM49

Tgt Ion:178 Resp: 103652

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	19.1	15.8	23.8

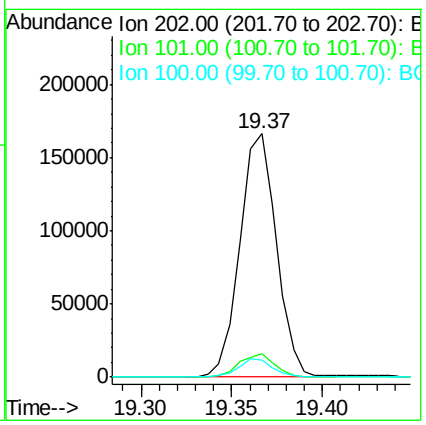


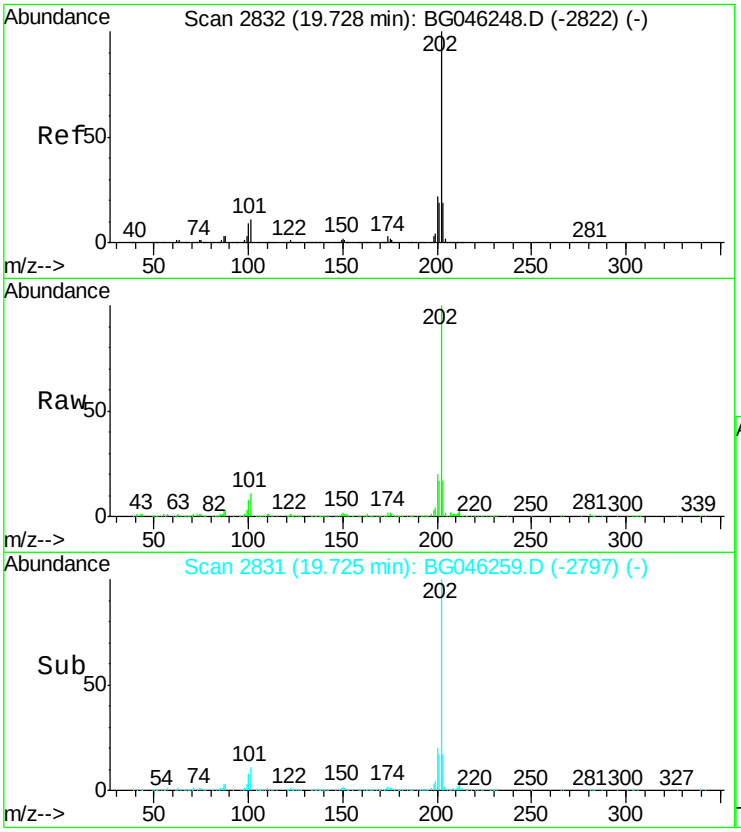


#17
Fluoranthene
Concen: 5.060 ng/ul
RT: 19.37 min Scan# 2770
Delta R.T. 0.00 min
Lab File: BG046259.D
Acq: 13 Aug 2020 21:43

Tgt Ion:202 Resp: 232443

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.8	11.6
100	6.8	5.9	8.9



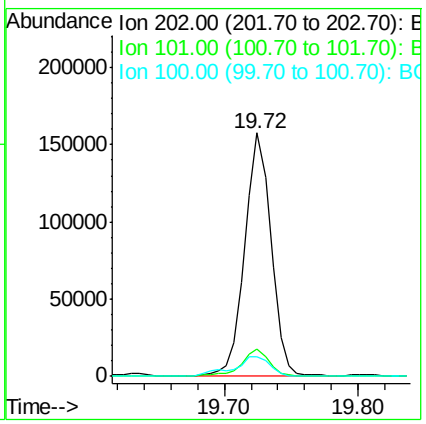


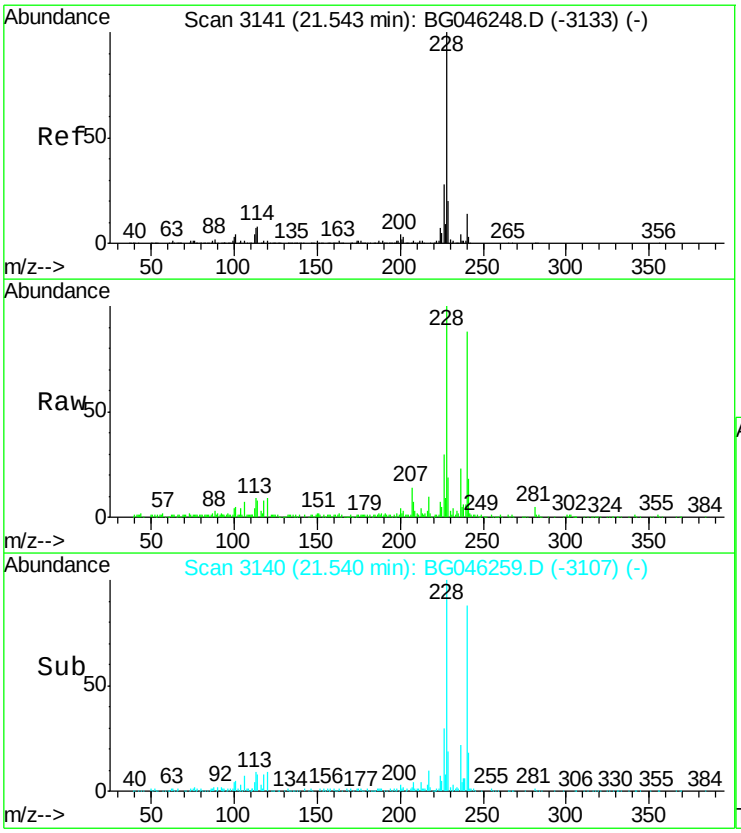
#20
Pyrene
Concen: 4.348 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BG046259.D
Acq: 13 Aug 2020 21:43

Instrument :
BNA_G
ClientSampleId :
BFM49

Tgt Ion:202 Resp: 213239

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.9	13.3
100	8.1	7.9	11.9

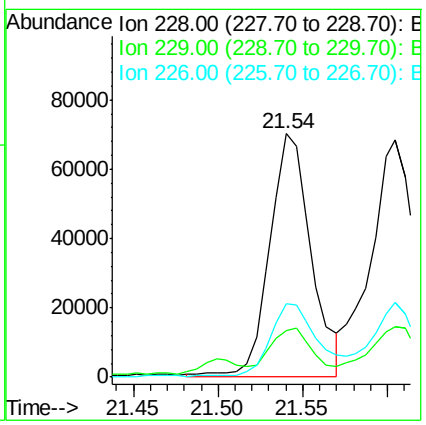


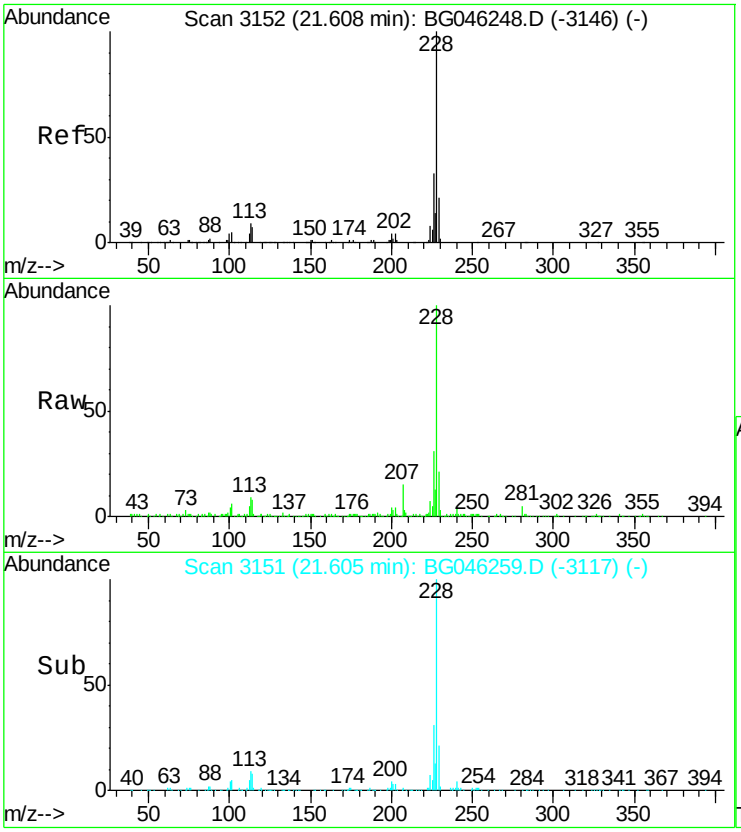


#21
Benzo(a)anthracene
Concen: 2.450 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG046259.D
Acq: 13 Aug 2020 21:43

Tgt Ion:228 Resp: 119093

Ion	Ratio	Lower	Upper
228	100		
229	19.1	16.6	25.0
226	29.9	22.6	33.8



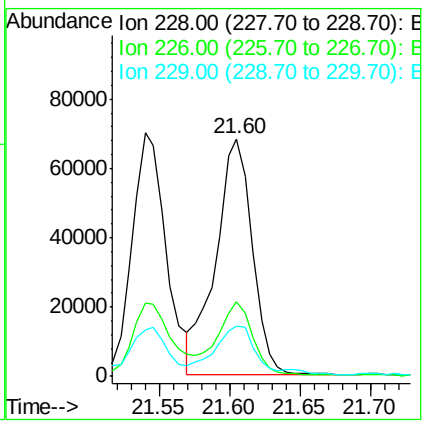


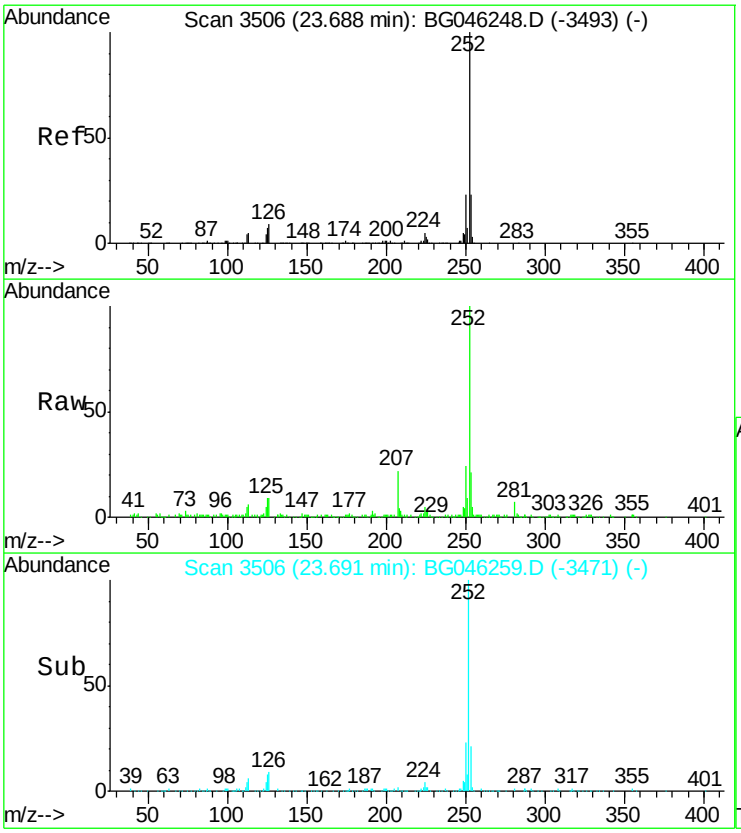
#22
Chrysene
Concen: 2.600 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. 0.00 min
Lab File: BG046259.D
Acq: 13 Aug 2020 21:43

Instrument :
BNA_G
ClientSampleId :
BFM49

Tgt Ion:228 Resp: 122162

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.5	38.3
229	21.0	17.0	25.4

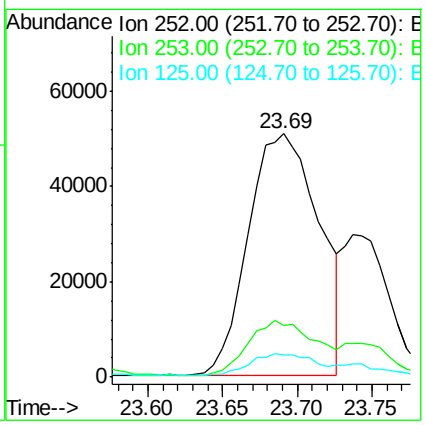


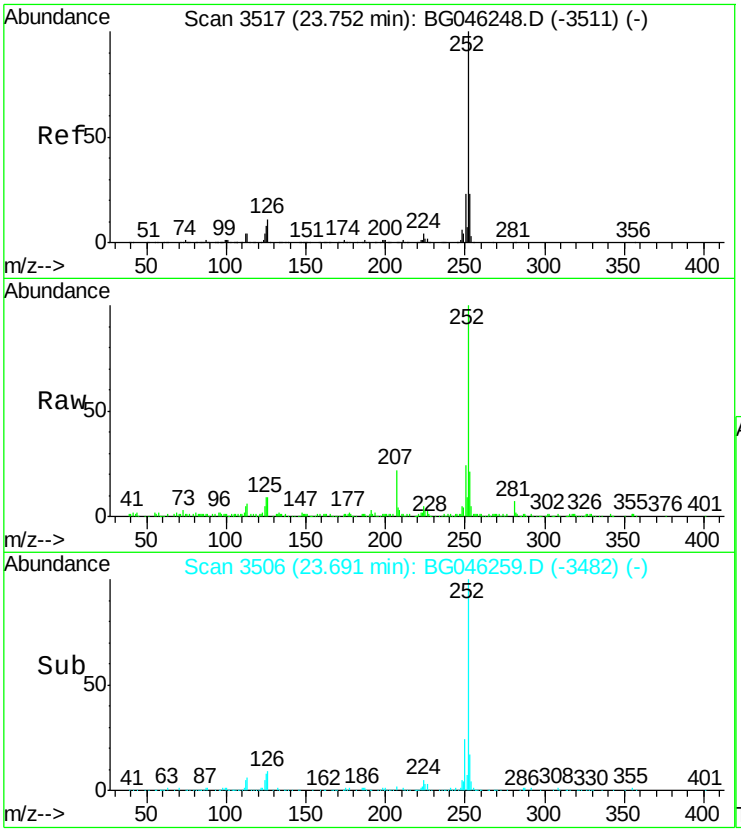


#24
Benzo(b)fluoranthene
Concen: 3.203 ng/ul
RT: 23.69 min Scan# 3506
Delta R.T. 0.01 min
Lab File: BG046259.D
Acq: 13 Aug 2020 21:43

Tgt Ion:252 Resp: 167118

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.8	26.6
125	8.9	6.4	9.6



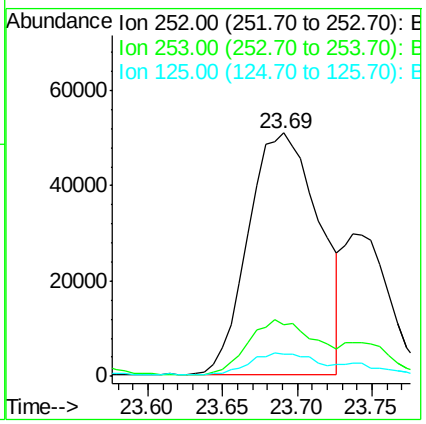


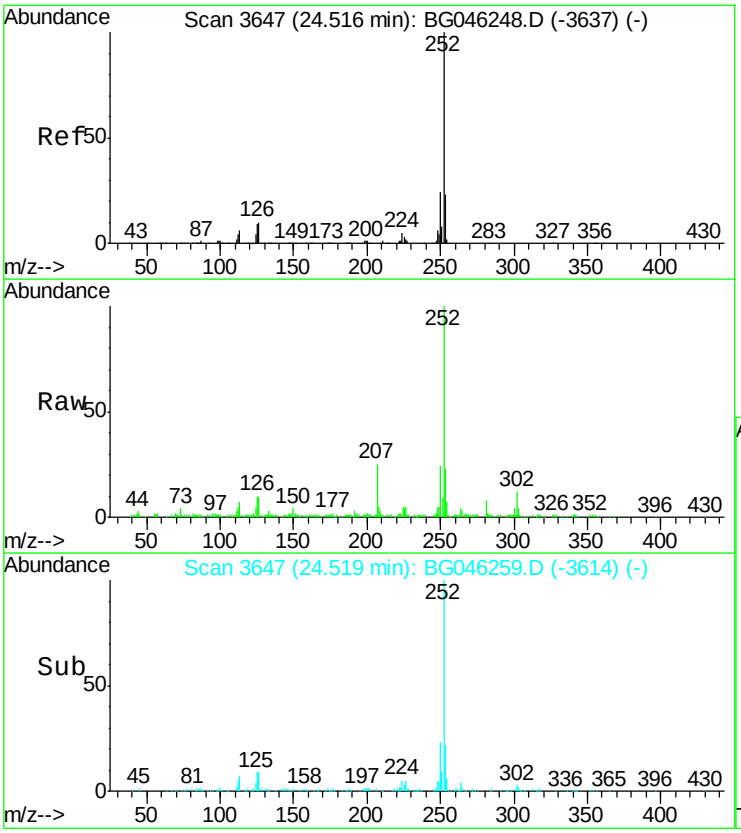
#25
Benzo(k)fluoranthene
Concen: 3.229 ng/ul
RT: 23.69 min Scan# 3506
Delta R.T. -0.06 min
Lab File: BG046259.D
Acq: 13 Aug 2020 21:43

Instrument :
BNA_G
ClientSampleId :
BFM49

Tgt Ion:252 Resp: 167118

Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.5	27.7
125	8.9	6.2	9.2

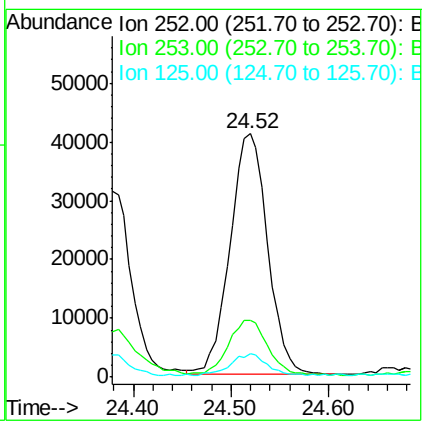


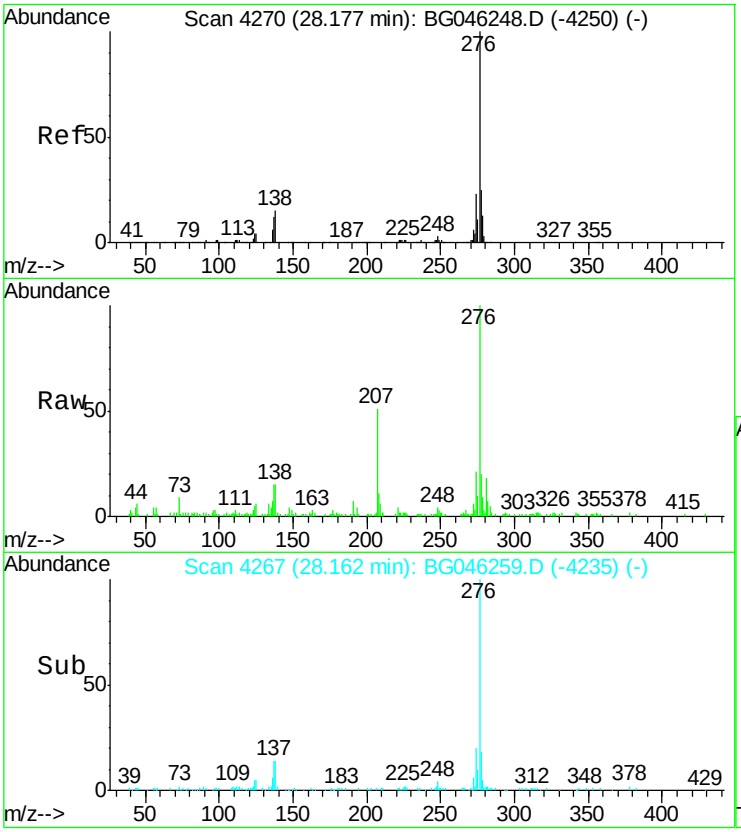


#27
Benzo(a)pyrene
Concen: 2.299 ng/ul
RT: 24.52 min Scan# 3647
Delta R.T. -0.00 min
Lab File: BG046259.D
Acq: 13 Aug 2020 21:43

Tgt Ion:252 Resp: 110127

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	9.6	7.1	10.7





#28
Indeno(1,2,3-cd)pyrene
Concen: 1.313 ng/ul
RT: 28.16 min Scan# 4267
Delta R.T. -0.01 min
Lab File: BG046259.D
Acq: 13 Aug 2020 21:43

Instrument :
BNA_G
ClientSampleId :
BFM49

Tgt Ion:276 Resp: 78744

Ion	Ratio	Lower	Upper
276	100		
138	15.0	13.2	19.8
277	20.0	19.9	29.9