Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046261.D
Acq On : 13 Aug 2020 23:04
Operator : CG/JU
Sample : L3629-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM55

Quant Time: Aug 14 05:22:51 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	122385	20.00	ng/ul	0.00
2) Naphthalene-d8	10.75	136	481651	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	308932	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.32	188	695353	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	694809	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	734178	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.37	165	134347	16.20	ng/ul	0.00
7) Acenaphthylene-d8	14.27	160	511564	17.99	ng/ul	0.00
10) Fluorene-d10	15.57	176	389063	17.86	ng/ul	0.00
15) Anthracene-d10	17.41	188	573872	17.80	ng/ul	0.00
19) Pyrene-d10	19.70	212	664757	18.59	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	715117	17.85	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.36	178	62833	1.643	ng/ul	99
16) Anthracene	17.36	178	63082	1.634	ng/ul	99
17) Fluoranthene	19.37	202	184477	4.325	ng/ul	98
20) Pyrene	19.73	202	185251	4.062	ng/ul	98
21) Benzo(a)anthracene	21.54	228	99326	2.197	ng/ul	95
22) Chrysene	21.61	228	115925	2.653	ng/ul	95
24) Benzo(b)fluoranthene	23.69	252	159197	3.279	ng/ul	98
25) Benzo(k)fluoranthene	23.69	252	159197	3.306	ng/ul	97
27) Benzo(a)pyrene	24.52	252	108911	2.443	ng/ul	100
28) Indeno(1,2,3-cd)pyrene	28.17	276	84474	1.514	ng/ul	95
30) Benzo(g,h,i)perylene	29.26	276	81297	1.741	ng/ul	95

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

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFM55

Quant Time: Aug 14 05:22:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
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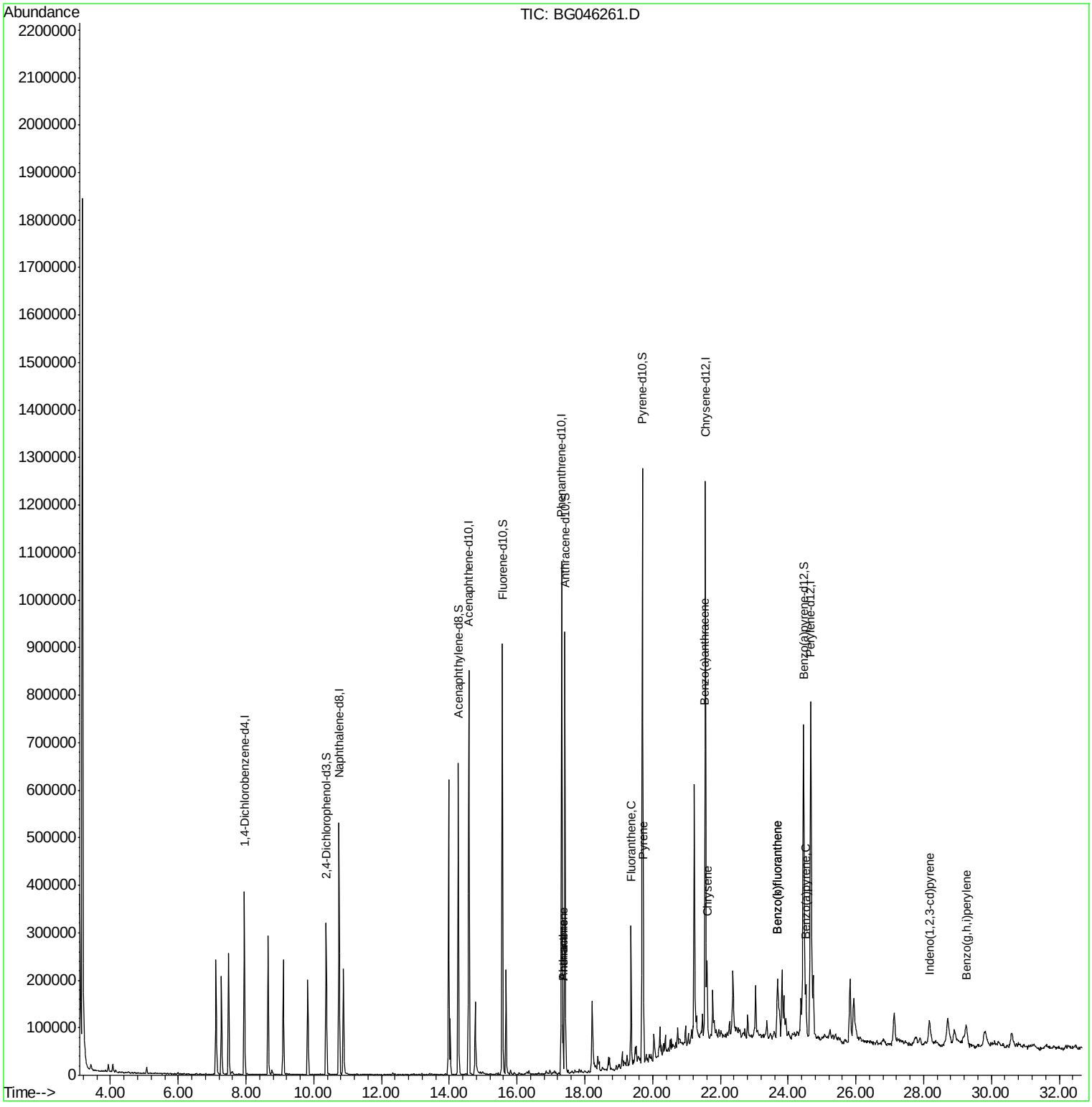
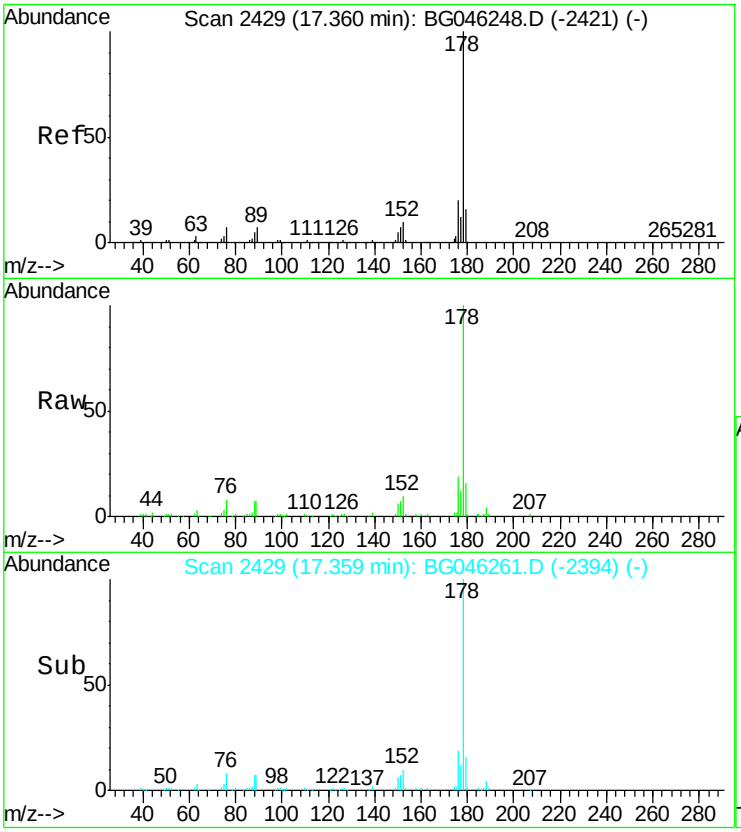
Response via : Initial Calibration



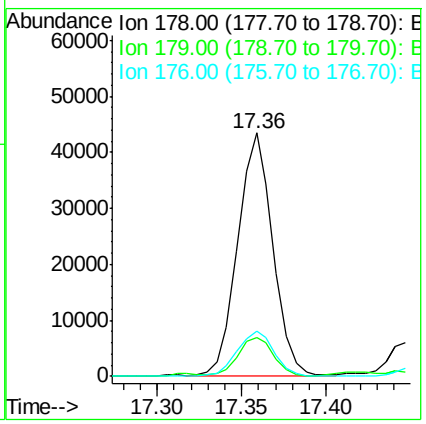


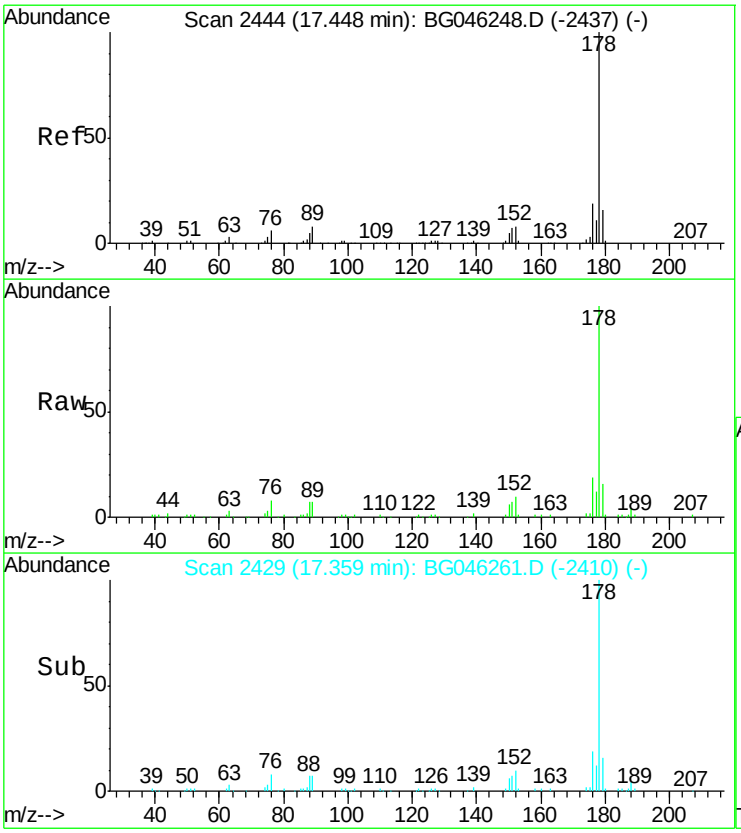
#14
Phenanthrene
Concen: 1.643 ng/ul
RT: 17.36 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG046261.D
Acq: 13 Aug 2020 23:04

Instrument :
BNA_G
ClientSampleId :
BFM55

Tgt Ion:178 Resp: 62833

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2
176	18.8	15.8	23.8

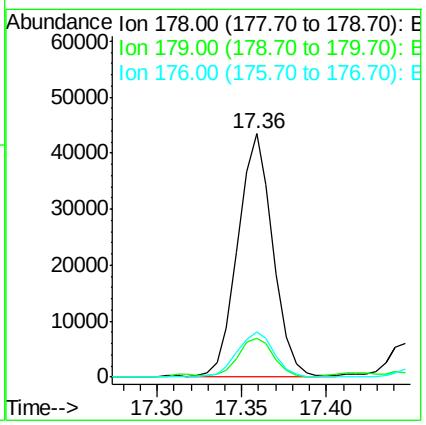


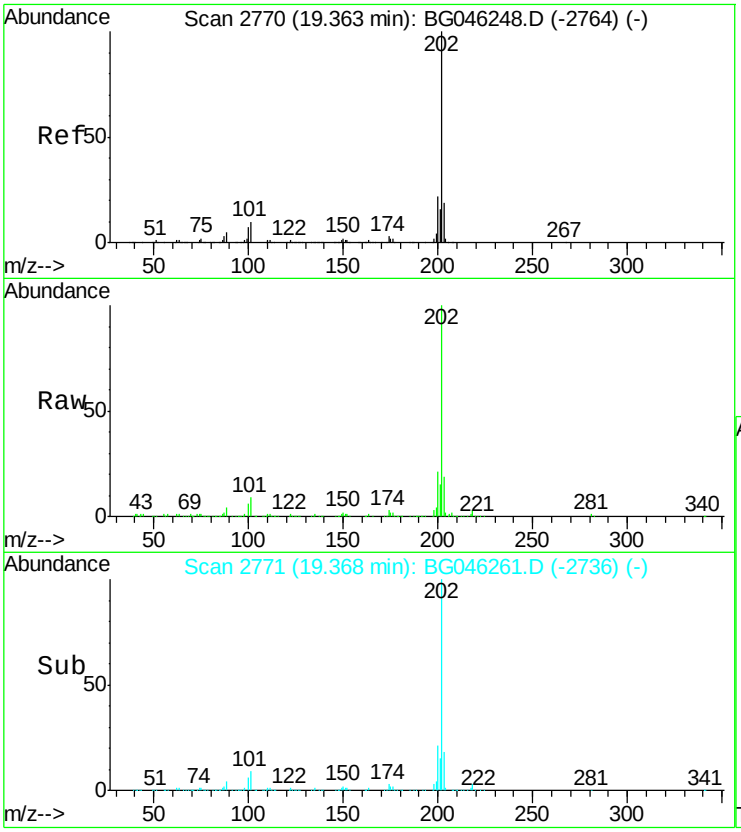


#16
Anthracene
Concen: 1.634 ng/ul
RT: 17.36 min Scan# 2429
Delta R.T. -0.09 min
Lab File: BG046261.D
Acq: 13 Aug 2020 23:04

Tgt Ion:178 Resp: 63082

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.2	19.8
176	18.8	15.2	22.8



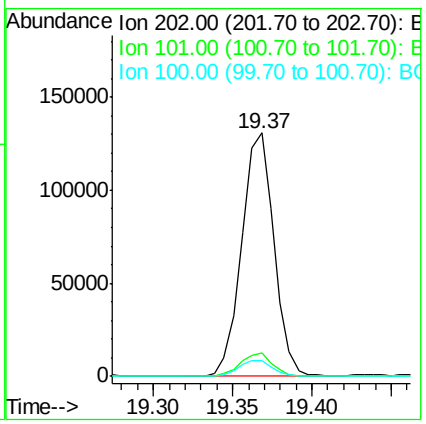


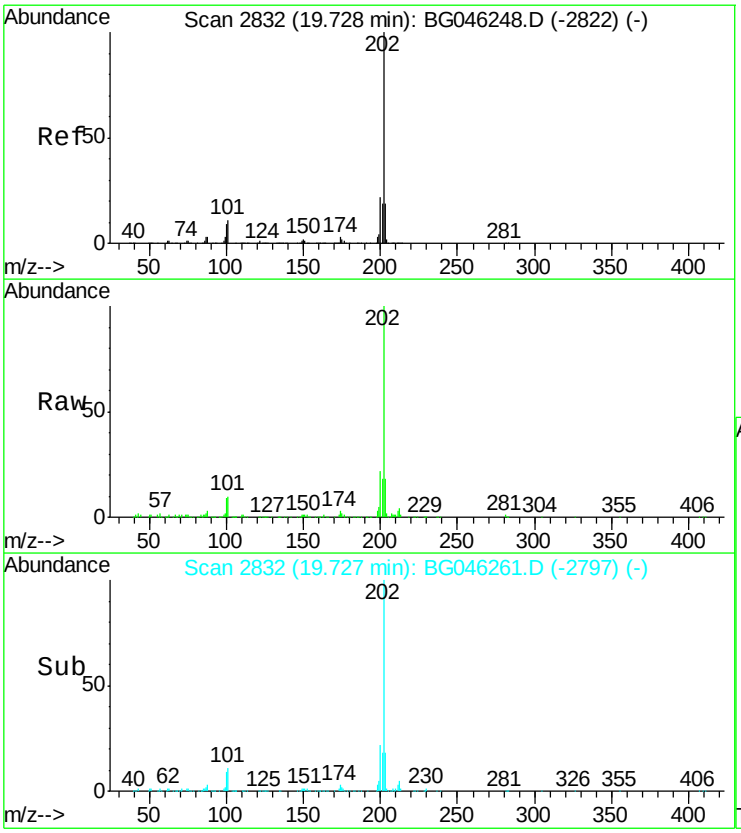
#17
Fluoranthene
Concen: 4.325 ng/ul
RT: 19.37 min Scan# 2771
Delta R.T. 0.00 min
Lab File: BG046261.D
Acq: 13 Aug 2020 23:04

Instrument :
BNA_G
ClientSampleId :
BFM55

Tgt Ion:202 Resp: 184477

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.8	11.6
100	6.4	5.9	8.9

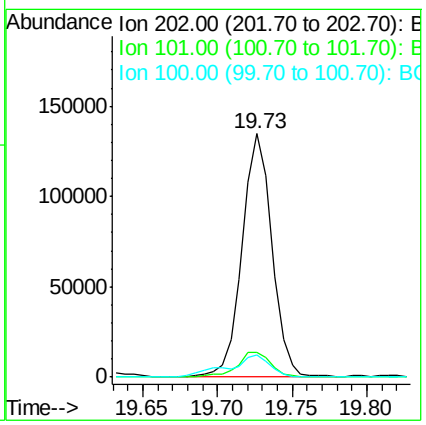


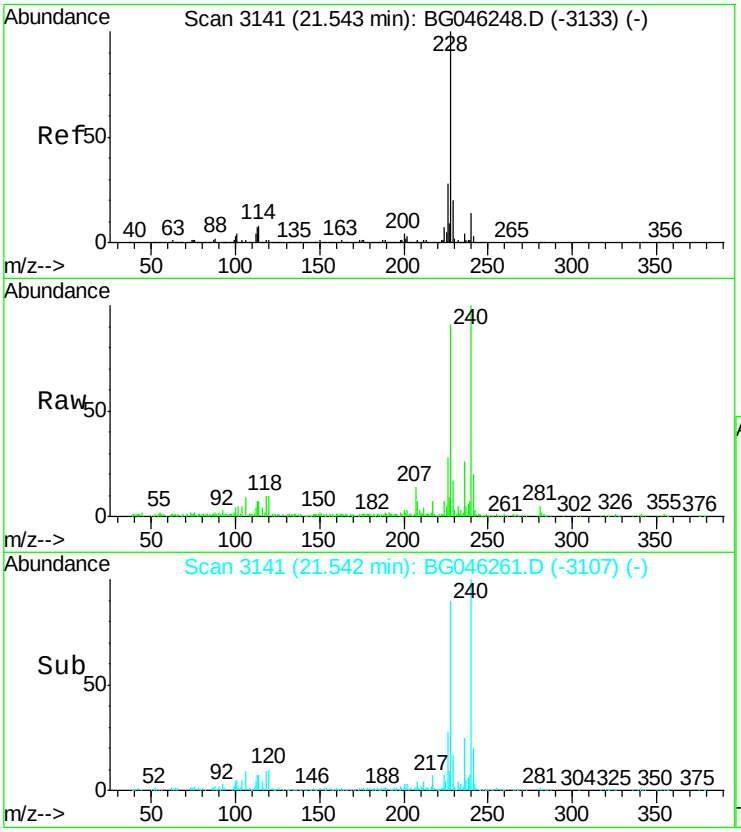


#20
Pyrene
Concen: 4.062 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BG046261.D
Acq: 13 Aug 2020 23:04

Tgt Ion:202 Resp: 185251

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.9	13.3
100	9.0	7.9	11.9



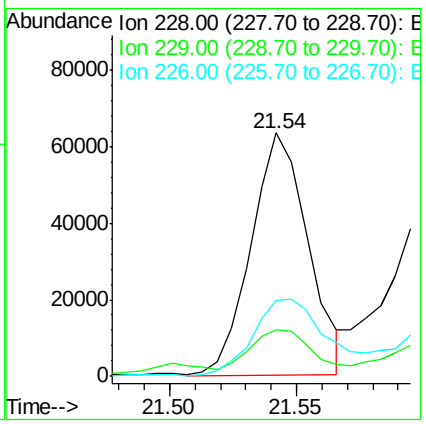


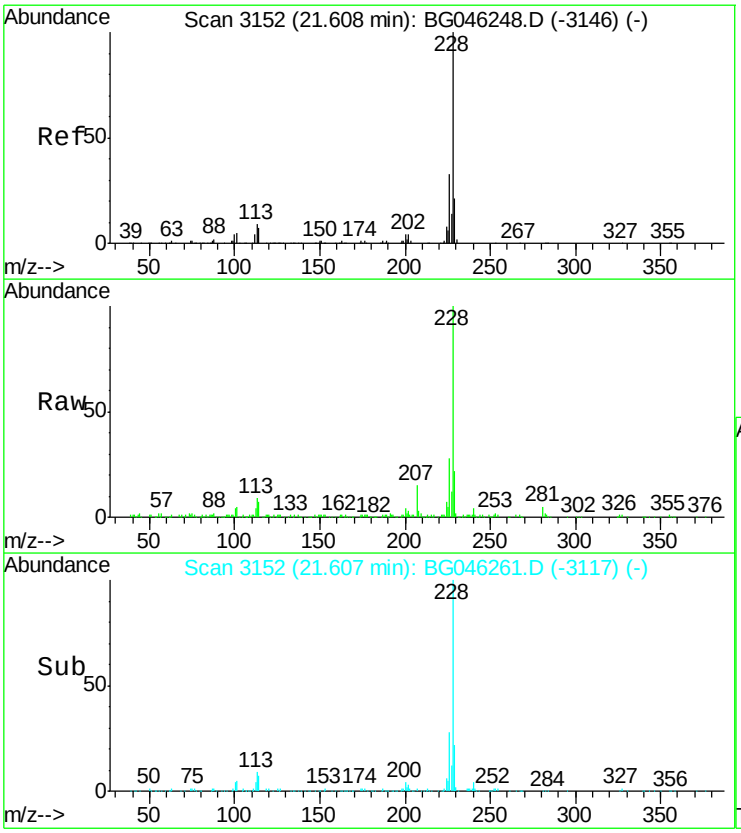
#21
Benzo(a)anthracene
Concen: 2.197 ng/ul
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG046261.D
Acq: 13 Aug 2020 23:04

Instrument :
BNA_G
ClientSampleId :
BFM55

Tgt Ion:228 Resp: 99326

Ion	Ratio	Lower	Upper
228	100		
229	19.1	16.6	25.0
226	31.3	22.6	33.8

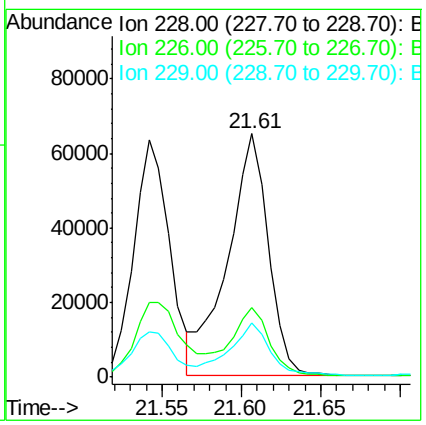


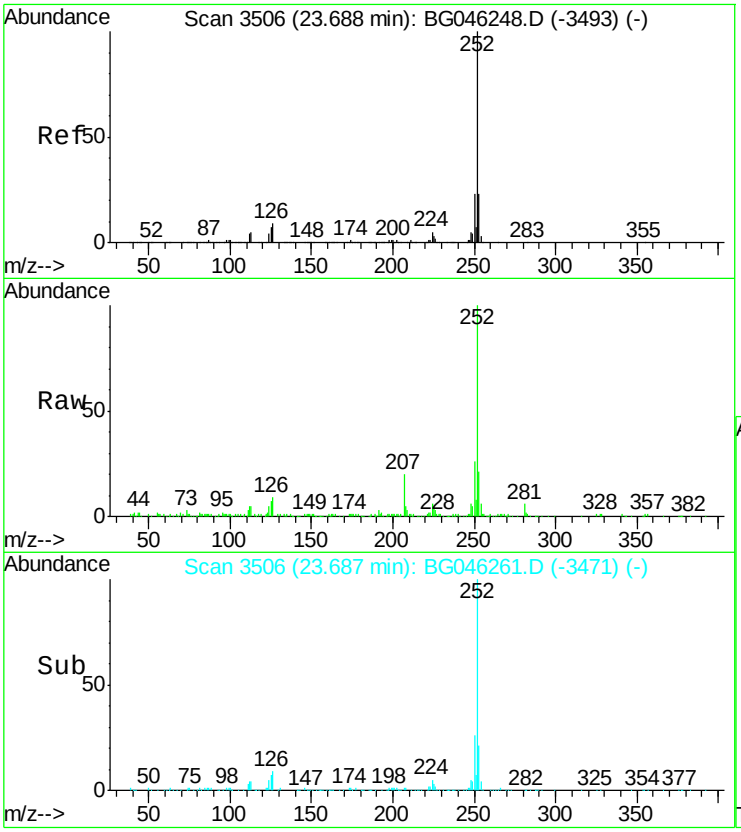


#22
Chrysene
Concen: 2.653 ng/ul
RT: 21.61 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG046261.D
Acq: 13 Aug 2020 23:04

Tgt Ion:228 Resp: 115925

Ion	Ratio	Lower	Upper
228	100		
226	28.5	25.5	38.3
229	22.4	17.0	25.4



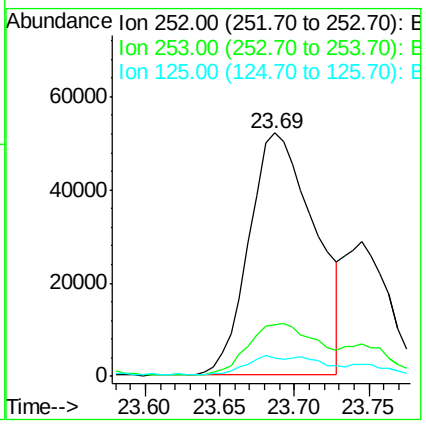


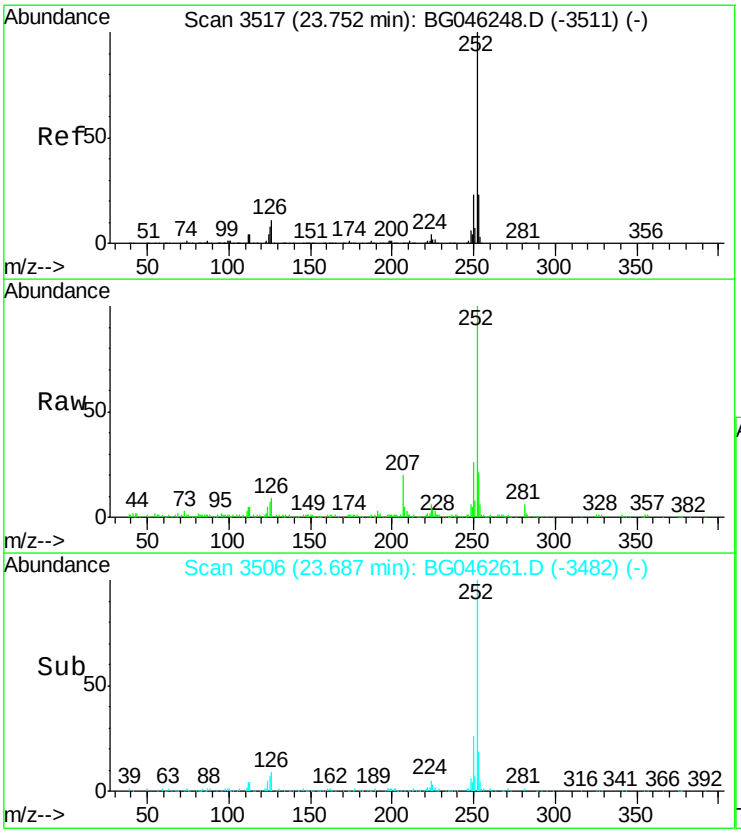
#24
Benzo(b)fluoranthene
Concen: 3.279 ng/ul
RT: 23.69 min Scan# 3506
Delta R.T. 0.00 min
Lab File: BG046261.D
Acq: 13 Aug 2020 23:04

Instrument :
BNA_G
ClientSampleId :
BFM55

Tgt Ion:252 Resp: 159197

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.6
125	7.4	6.4	9.6

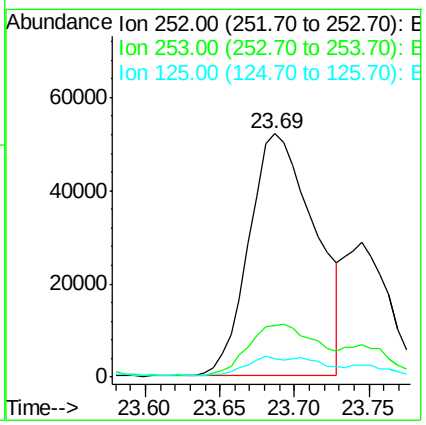


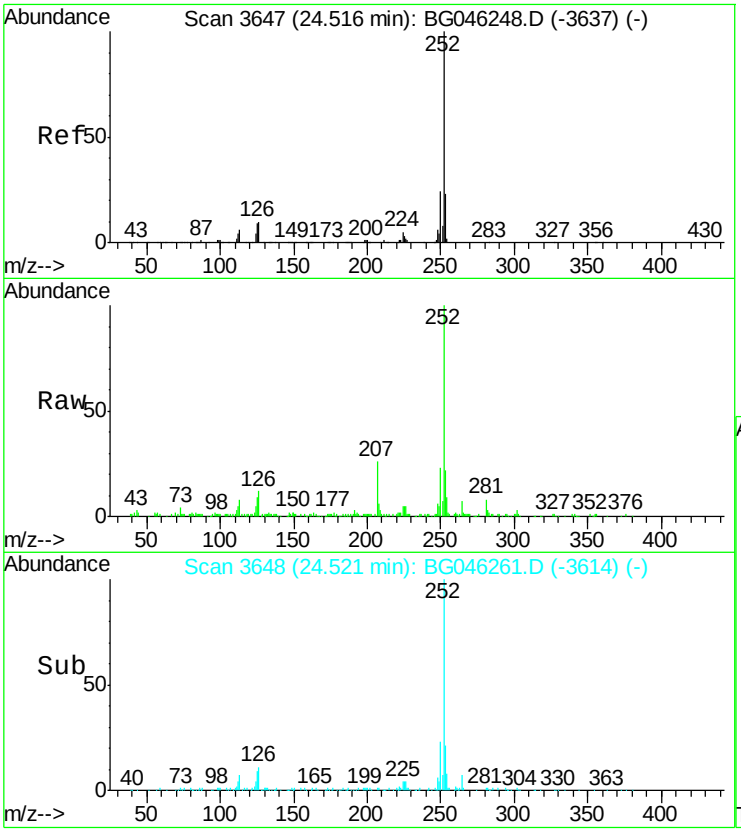


#25
Benzo(k)fluoranthene
Concen: 3.306 ng/ul
RT: 23.69 min Scan# 3506
Delta R.T. -0.06 min
Lab File: BG046261.D
Acq: 13 Aug 2020 23:04

Tgt Ion:252 Resp: 159197

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.5	27.7
125	7.4	6.2	9.2



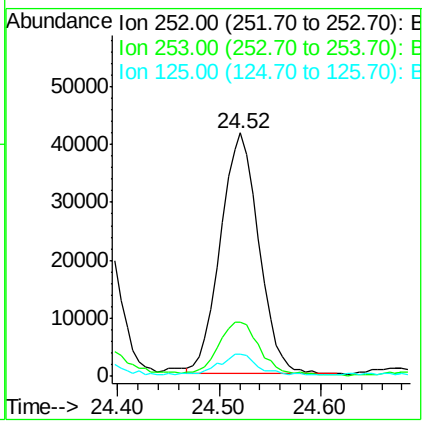


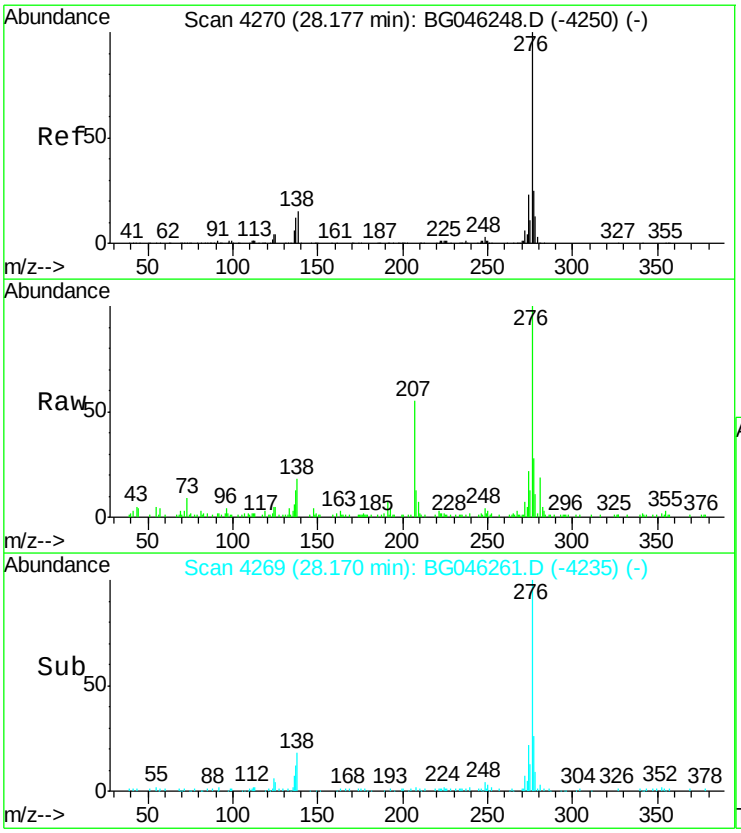
#27
Benzo(a)pyrene
Concen: 2.443 ng/ul
RT: 24.52 min Scan# 3648
Delta R.T. -0.00 min
Lab File: BG046261.D
Acq: 13 Aug 2020 23:04

Instrument :
BNA_G
ClientSampleId :
BFM55

Tgt Ion:252 Resp: 108911

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	9.0	7.1	10.7

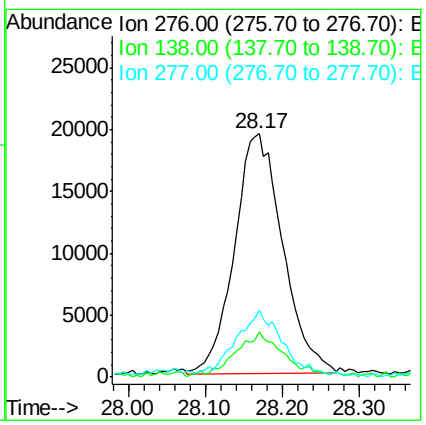


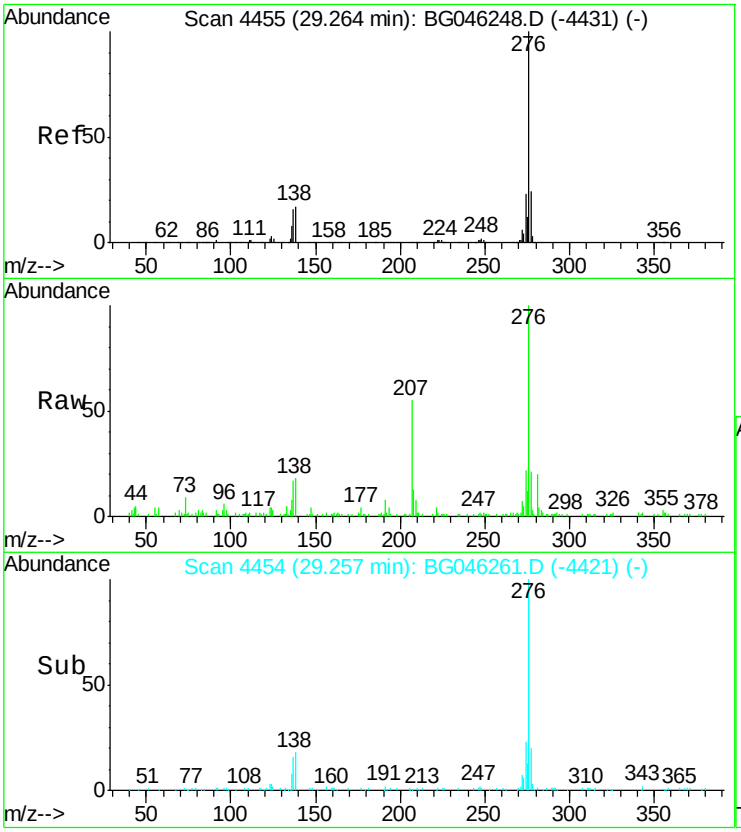


#28
Indeno(1,2,3-cd)pyrene
Concen: 1.514 ng/ul
RT: 28.17 min Scan# 4269
Delta R.T. -0.00 min
Lab File: BG046261.D
Acq: 13 Aug 2020 23:04

Tgt Ion:276 Resp: 84474

Ion	Ratio	Lower	Upper
276	100		
138	18.4	13.2	19.8
277	27.8	19.9	29.9





#30
Benzo(g,h,i)perylene
Concen: 1.741 ng/ul
RT: 29.26 min Scan# 4454
Delta R.T. -0.01 min
Lab File: BG046261.D
Acq: 13 Aug 2020 23:04

Instrument :
BNA_G
ClientSampleId :
BFM55

Tgt Ion:276 Resp: 81297

Ion	Ratio	Lower	Upper
276	100		
138	17.8	12.9	19.3
277	21.0	19.4	29.0