Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046255.D
Acq On : 13 Aug 2020 19:01
Operator : CG/JU
Sample : L3629-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM66

Quant Time: Aug 14 05:21:53 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	84666	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	348493	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	225200	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.32	188	500146	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	501030	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	528821	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.37	165	81650	13.61	ng/ul	0.00
7) Acenaphthylene-d8	14.27	160	314980	15.20	ng/ul	0.00
10) Fluorene-d10	15.57	176	245153	15.44	ng/ul	0.00
15) Anthracene-d10	17.41	188	354578	15.29	ng/ul	0.00
19) Pyrene-d10	19.70	212	417991	16.21	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	439044	15.21	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.36	178	209772	7.624	ng/ul	99
16) Anthracene	17.45	178	32490	1.170	ng/ul	96
17) Fluoranthene	19.37	202	453215	14.772	ng/ul	98
20) Pyrene	19.73	202	420018	12.771	ng/ul	99
21) Benzo(a)anthracene	21.54	228	249809	7.663	ng/ul	98
22) Chrysene	21.61	228	263780	8.370	ng/ul	96
24) Benzo(b)fluoranthene	23.69	252	354440	10.136	ng/ul	96
25) Benzo(k)fluoranthene	23.69	252	354440	10.217	ng/ul	98
27) Benzo(a)pyrene	24.52	252	237845	7.408	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.16	276	182630	4.543	ng/ul	99
30) Benzo(g,h,i)perylene	29.26	276	160037	4.757	ng/ul	98

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

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Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
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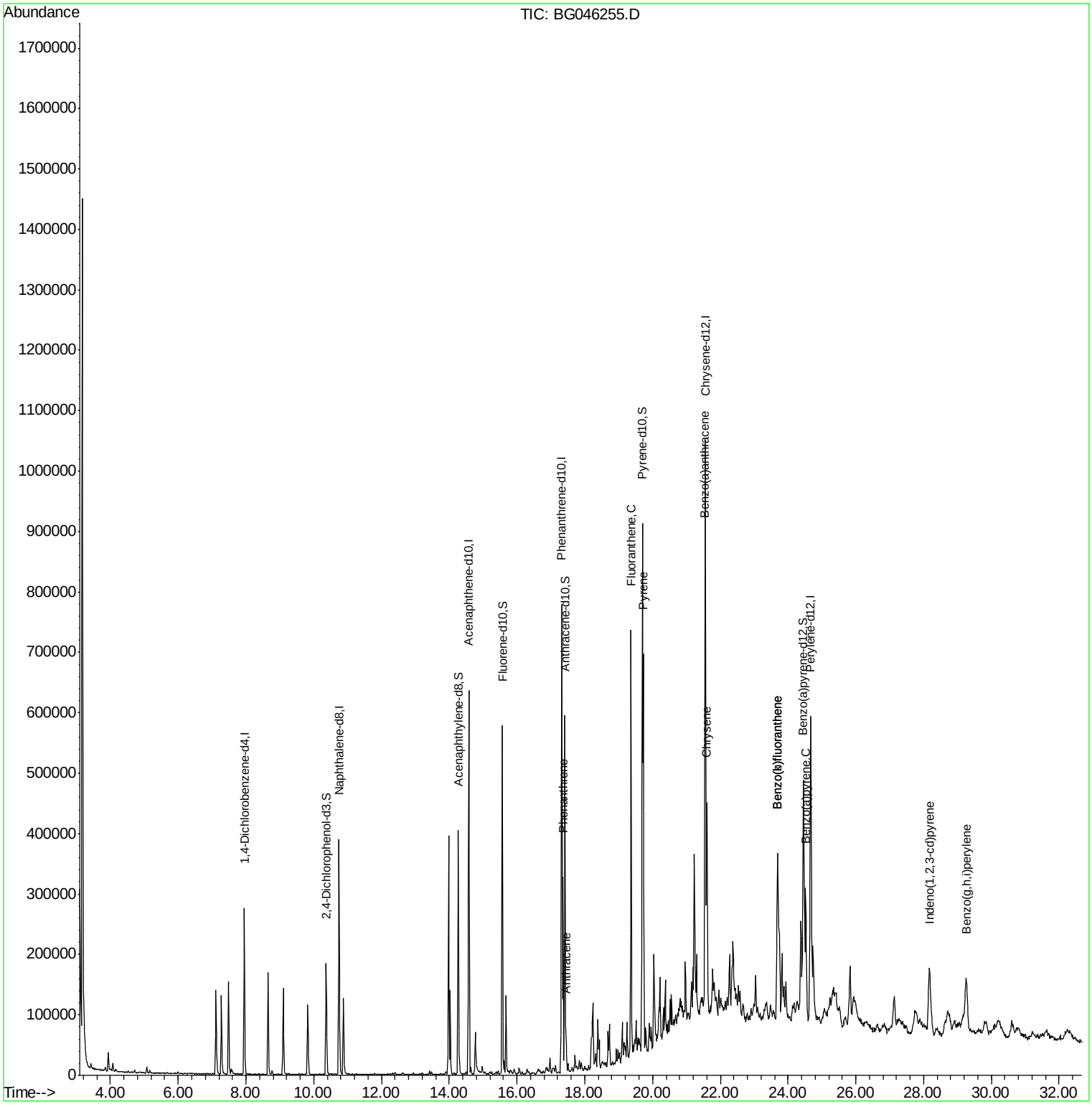
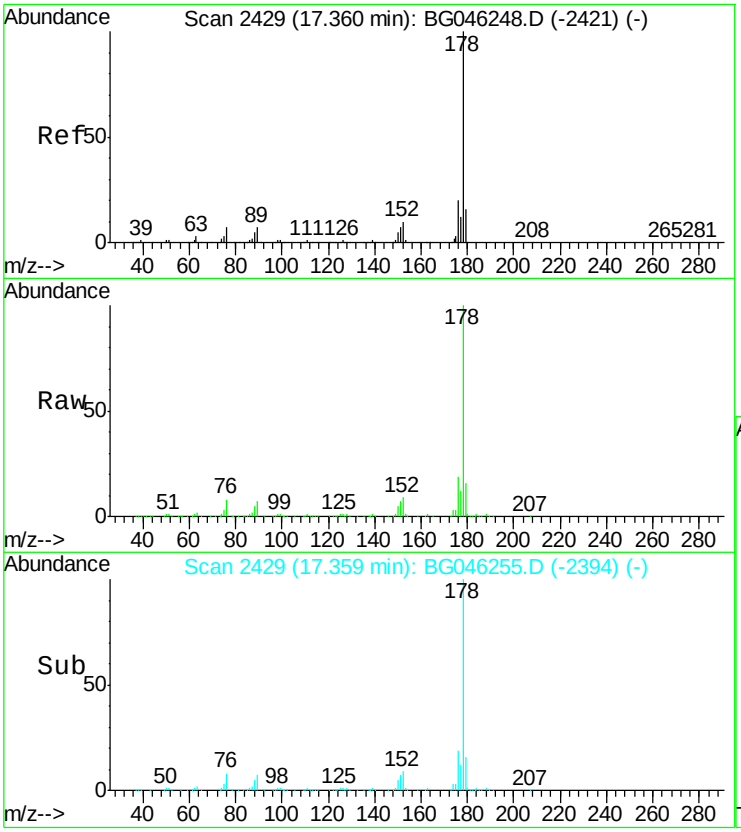
Acq On : 13 Aug 2020 19:01
Operator : CG/JU
Sample : L3629-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM66

Quant Time: Aug 14 05:21:53 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



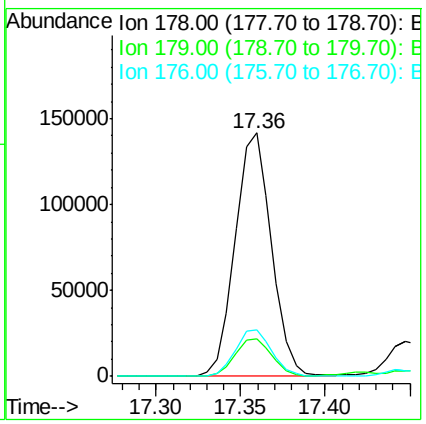


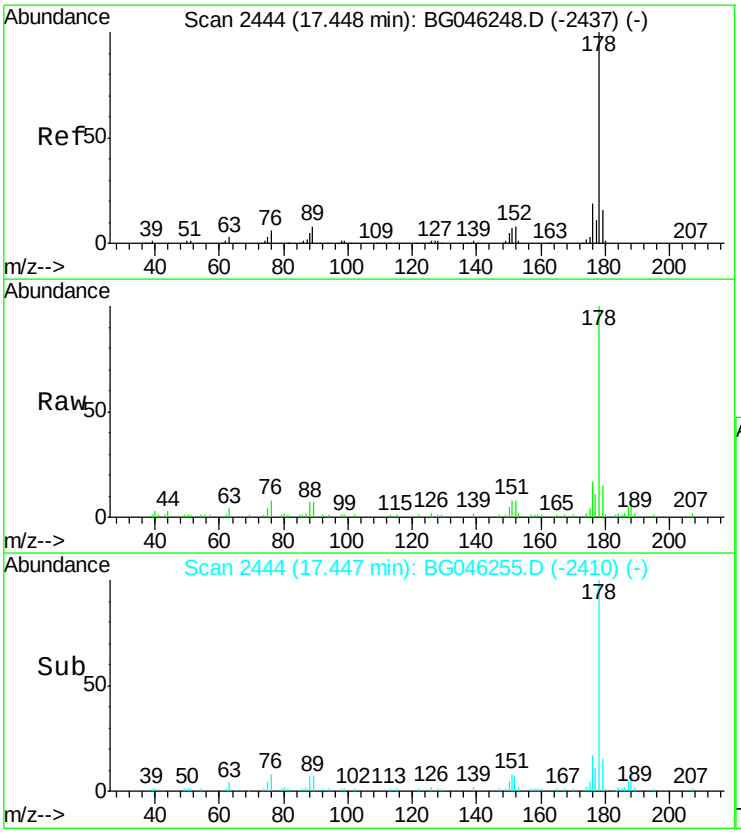
#14
Phenanthrene
Concen: 7.624 ng/ul
RT: 17.36 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG046255.D
Acq: 13 Aug 2020 19:01

Instrument :
BNA_G
ClientSampleId :
BFM66

Tgt Ion:178 Resp: 209772

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	19.0	15.8	23.8

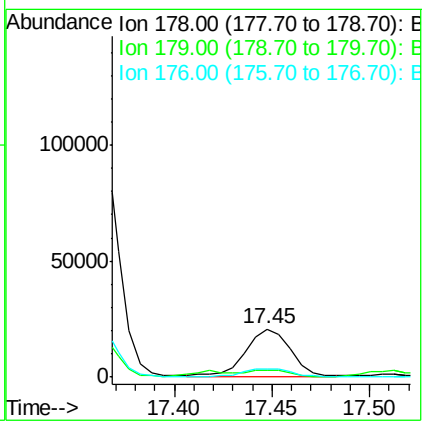


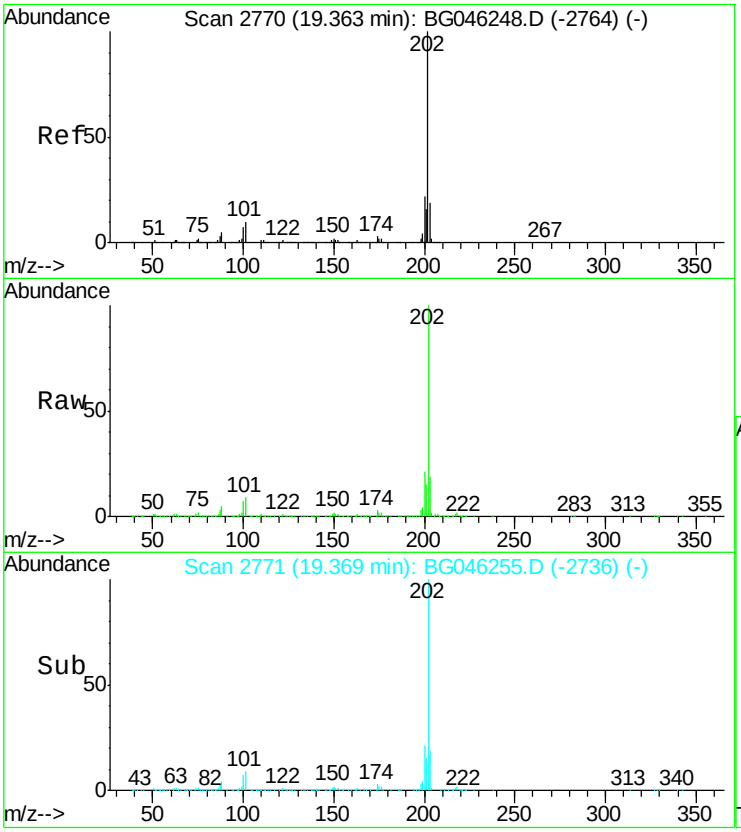


#16
Anthracene
Concen: 1.170 ng/ul
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG046255.D
Acq: 13 Aug 2020 19:01

Tgt Ion:178 Resp: 32490

Ion	Ratio	Lower	Upper
178	100		
179	15.0	13.2	19.8
176	16.6	15.2	22.8



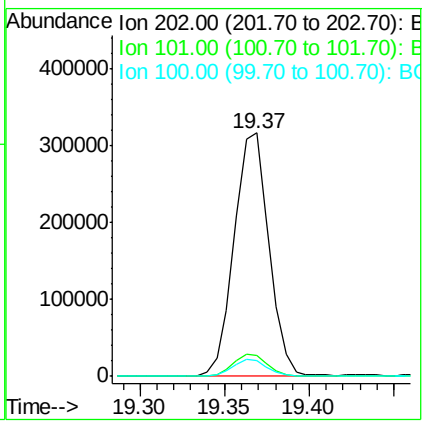


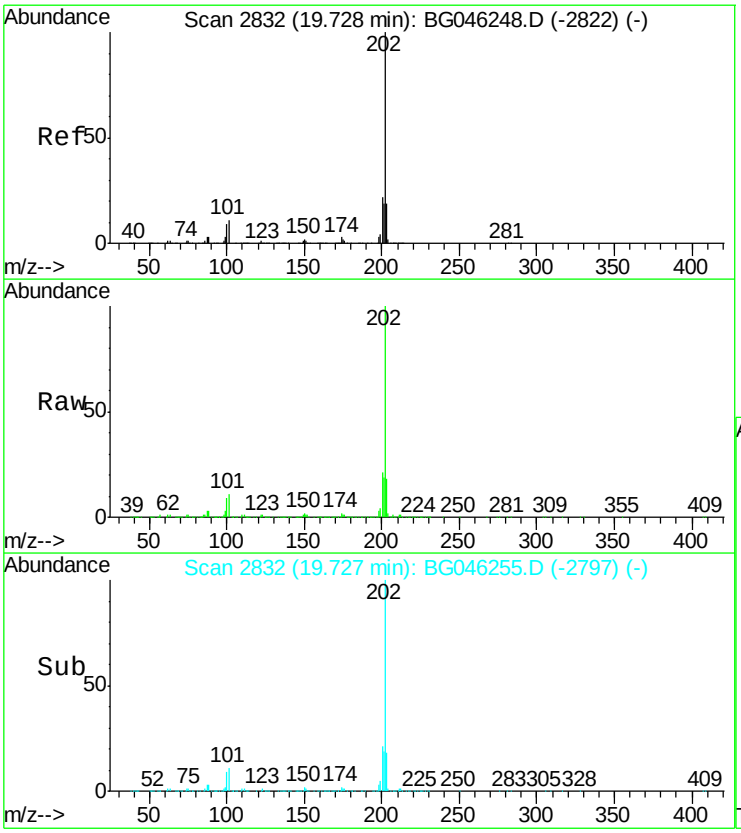
#17
Fluoranthene
Concen: 14.772 ng/ul
RT: 19.37 min Scan# 2771
Delta R.T. 0.00 min
Lab File: BG046255.D
Acq: 13 Aug 2020 19:01

Instrument :
BNA_G
ClientSampleId :
BFM66

Tgt Ion:202 Resp: 453215

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.8	11.6
100	6.6	5.9	8.9

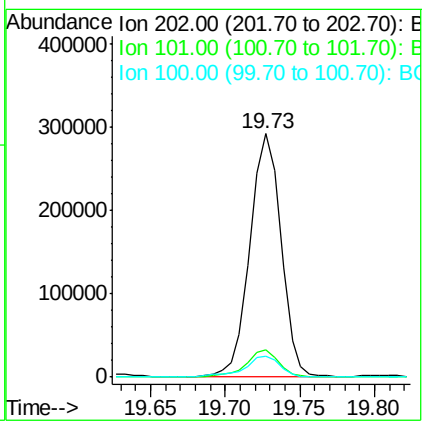


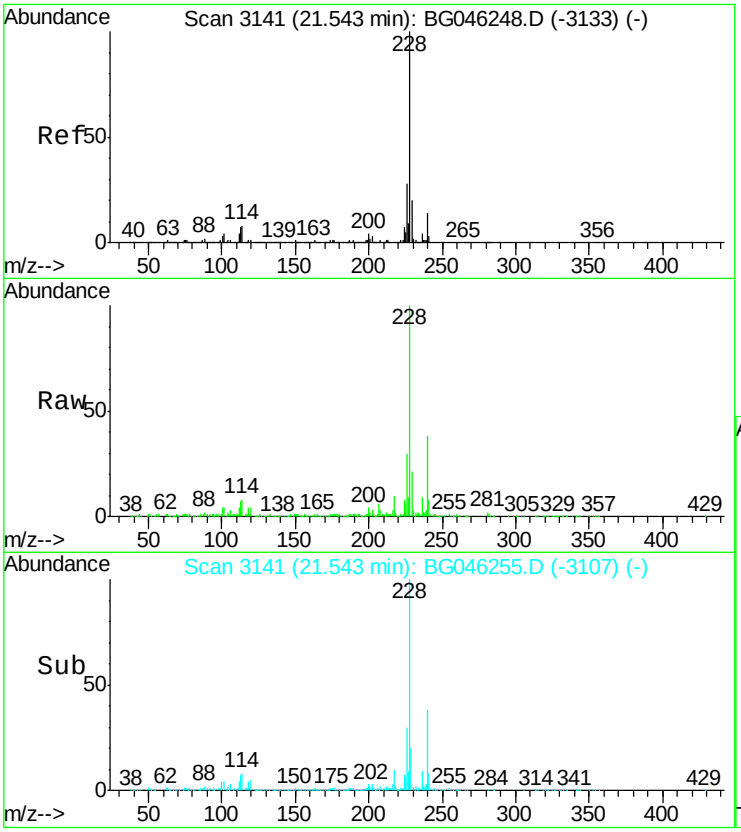


#20
Pyrene
Concen: 12.771 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BG046255.D
Acq: 13 Aug 2020 19:01

Tgt Ion:202 Resp: 420018

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.9	13.3
100	8.8	7.9	11.9



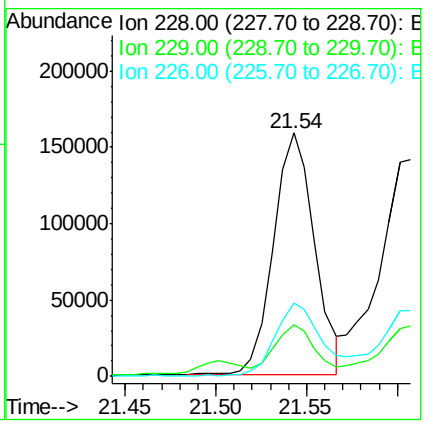


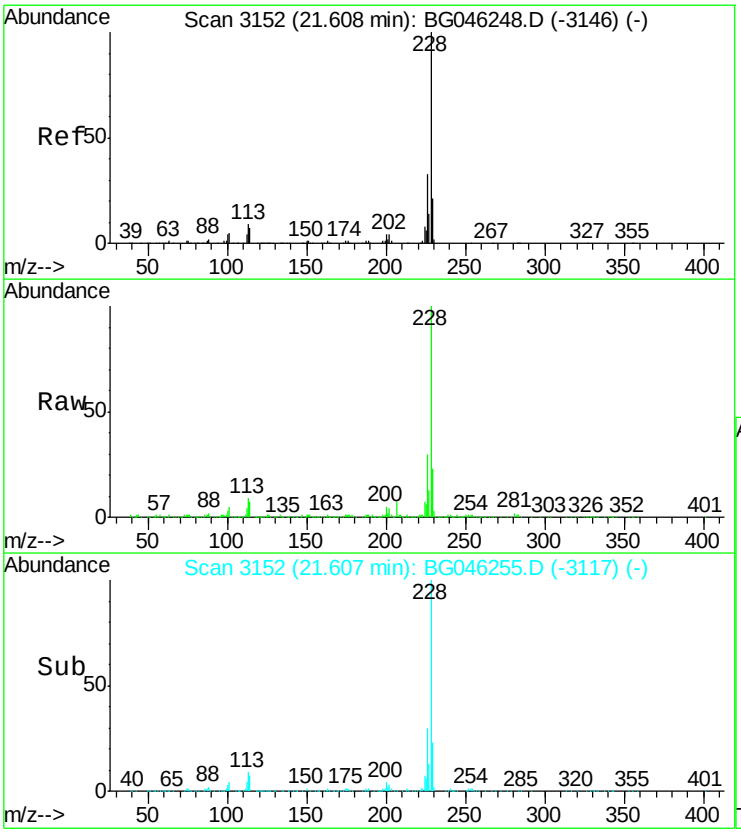
#21
Benzo(a)anthracene
Concen: 7.663 ng/ul
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG046255.D
Acq: 13 Aug 2020 19:01

Instrument :
BNA_G
ClientSampleId :
BFM66

Tgt Ion:228 Resp: 249809

Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.6	25.0
226	29.9	22.6	33.8

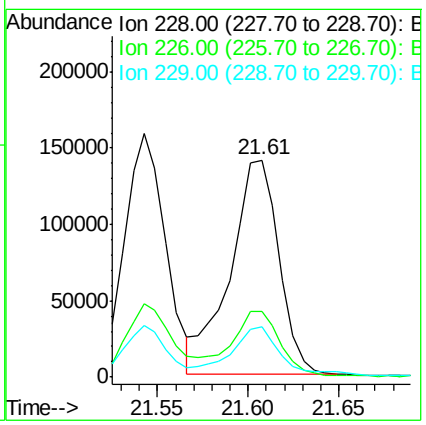


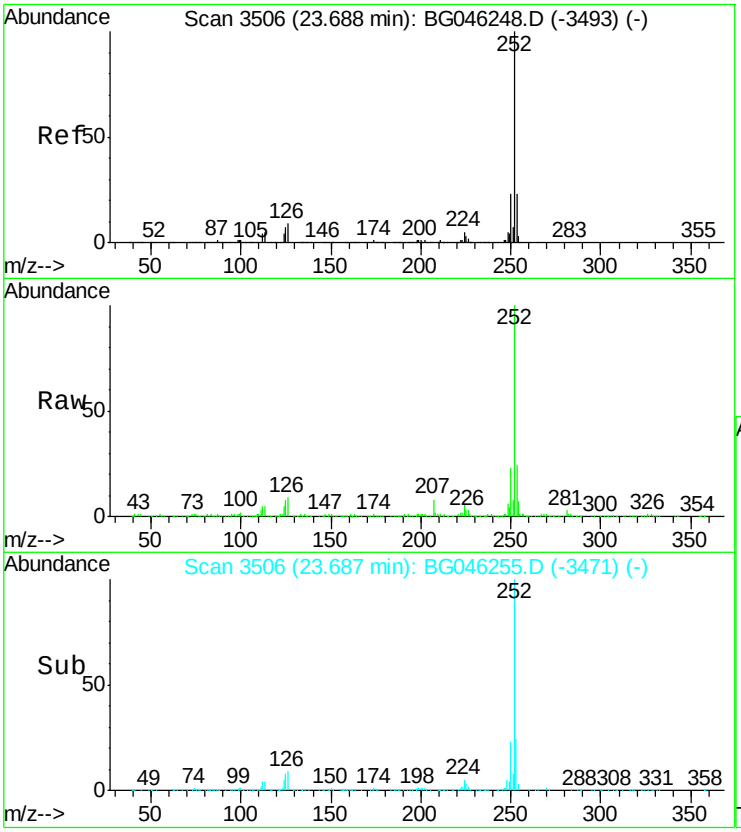


#22
Chrysene
Concen: 8.370 ng/ul
RT: 21.61 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG046255.D
Acq: 13 Aug 2020 19:01

Tgt Ion:228 Resp: 263780

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.5	38.3
229	23.4	17.0	25.4



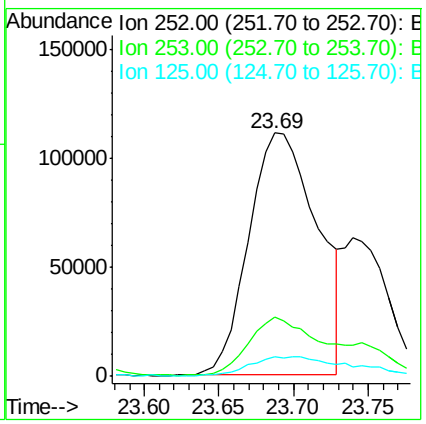


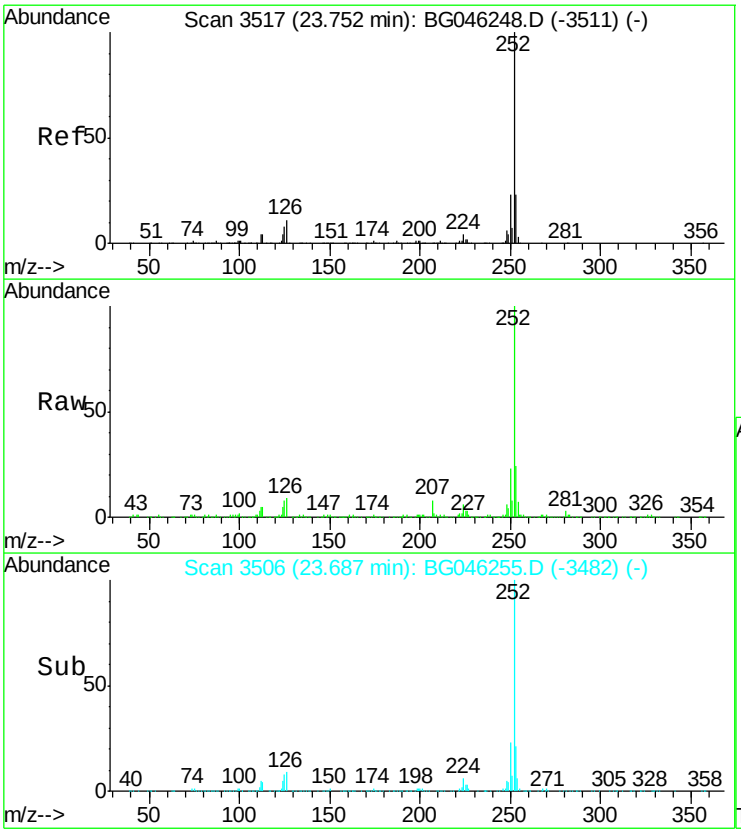
#24
Benzo(b)fluoranthene
Concen: 10.136 ng/ul
RT: 23.69 min Scan# 3506
Delta R.T. 0.00 min
Lab File: BG046255.D
Acq: 13 Aug 2020 19:01

Instrument :
BNA_G
ClientSampleId :
BFM66

Tgt Ion:252 Resp: 354440

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.6
125	8.3	6.4	9.6

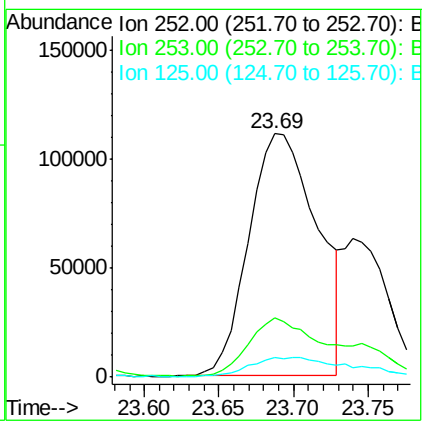


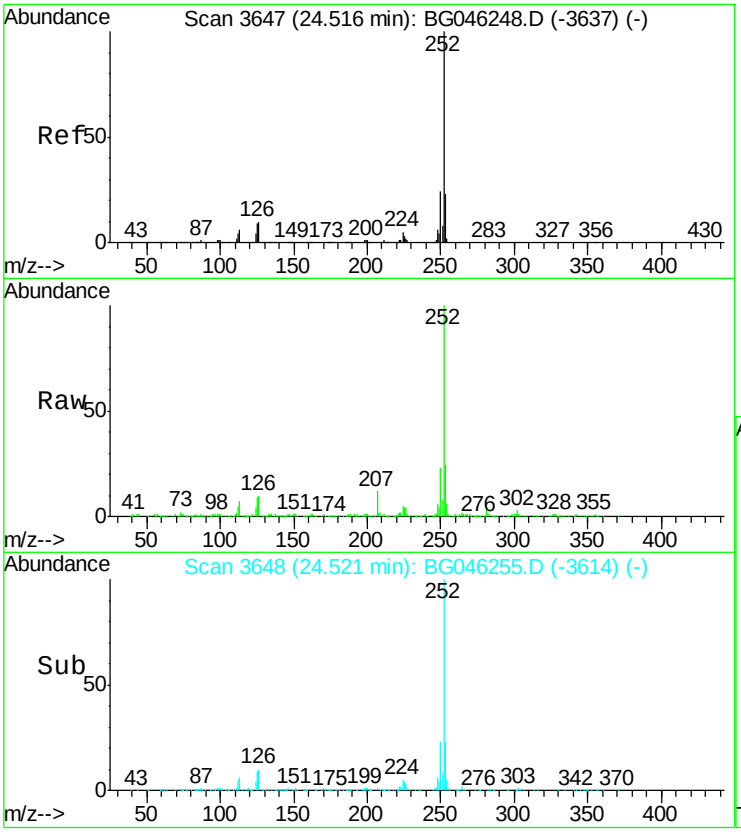


#25
Benzo(k)fluoranthene
Concen: 10.217 ng/ul
RT: 23.69 min Scan# 3506
Delta R.T. -0.06 min
Lab File: BG046255.D
Acq: 13 Aug 2020 19:01

Tgt Ion:252 Resp: 354440

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.5	27.7
125	8.3	6.2	9.2



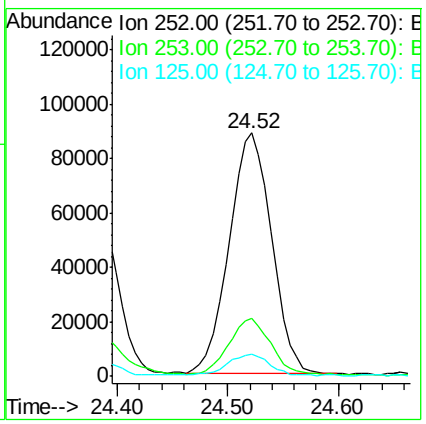


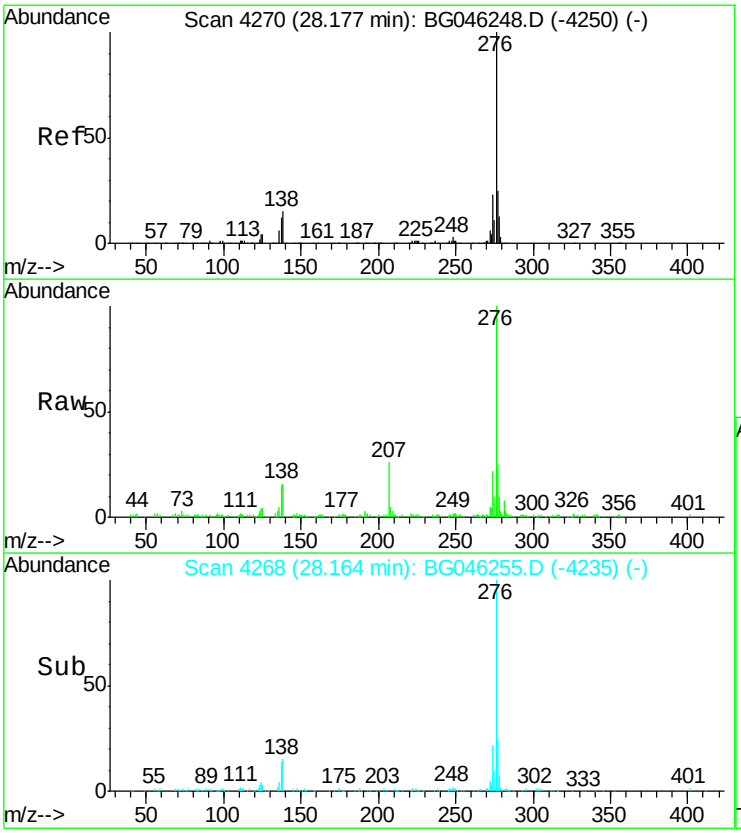
#27
Benzo(a)pyrene
Concen: 7.408 ng/ul
RT: 24.52 min Scan# 3648
Delta R.T. -0.00 min
Lab File: BG046255.D
Acq: 13 Aug 2020 19:01

Instrument :
BNA_G
ClientSampleId :
BFM66

Tgt Ion:252 Resp: 237845

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.8
125	9.0	7.1	10.7

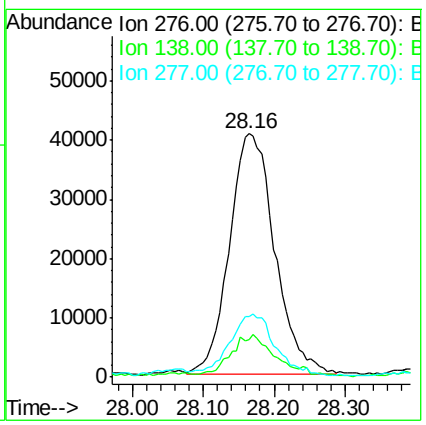


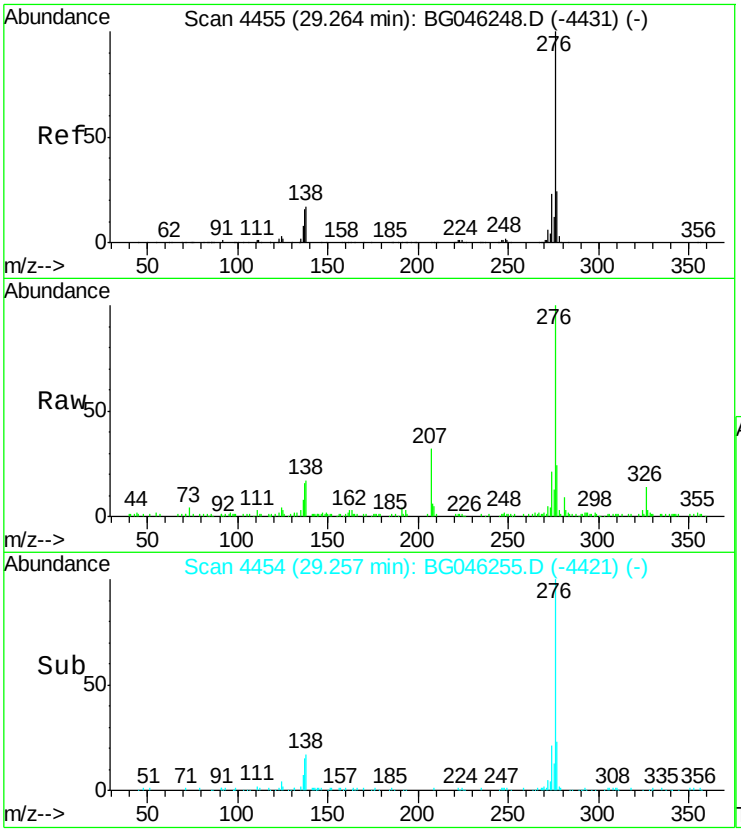


#28
Indeno(1,2,3-cd)pyrene
Concen: 4.543 ng/ul
RT: 28.16 min Scan# 4268
Delta R.T. -0.01 min
Lab File: BG046255.D
Acq: 13 Aug 2020 19:01

Tgt Ion:276 Resp: 182630

Ion	Ratio	Lower	Upper
276	100		
138	15.6	13.2	19.8
277	24.9	19.9	29.9





#30
Benzo(g,h,i)perylene
Concen: 4.757 ng/ul
RT: 29.26 min Scan# 4454
Delta R.T. -0.01 min
Lab File: BG046255.D
Acq: 13 Aug 2020 19:01

Instrument :
BNA_G
ClientSampleId :
BFM66

Tgt Ion:276 Resp: 160037

Ion	Ratio	Lower	Upper
276	100		
138	17.0	12.9	19.3
277	23.6	19.4	29.0