Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046296.D
Acq On : 17 Aug 2020 13:50
Operator : CG/JU
Sample : L3632-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM79

Quant Time: Aug 17 16:02:54 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	7.94	152	76204	20.00	ng/ul	-0.01
2) Naphthalene-d8	10.73	136	311896	20.00	ng/ul	-0.01
6) Acenaphthene-d10	14.56	164	216746	20.00	ng/ul	-0.01
12) Phenanthrene-d10	17.31	188	528374	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	564983	20.00	ng/ul	0.00
23) Perylene-d12	24.65	264	605940	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	134371	25.02	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	547944	27.47	ng/ul	0.00
10) Fluorene-d10	15.56	176	415896	27.21	ng/ul	0.00
15) Anthracene-d10	17.41	188	667872	27.27	ng/ul	0.00
19) Pyrene-d10	19.69	212	831118	28.58	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.44	264	928910	28.09	ng/ul	-0.01
Target Compounds						Qvalue
14) Phenanthrene	17.35	178	421251	14.492	ng/ul	99
16) Anthracene	17.44	178	64342	2.194	ng/ul	98
17) Fluoranthene	19.36	202	830000	25.608	ng/ul	99
20) Pyrene	19.72	202	784084	21.142	ng/ul	98
21) Benzo(a)anthracene	21.53	228	457427	12.444	ng/ul	96
22) Chrysene	21.60	228	478818	13.474	ng/ul	98
24) Benzo(b)fluoranthene	23.68	252	687802	17.165	ng/ul	98
25) Benzo(k)fluoranthene	23.68	252	687802	17.304	ng/ul	100
27) Benzo(a)pyrene	24.51	252	491080	13.349	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.15	276	361115	7.840	ng/ul	99
29) Dibenzo(a,h)anthracene	28.18	278	41925	1.123	ng/ul#	93
30) Benzo(g,h,i)perylene	29.25	276	323979	8.404	ng/ul	98

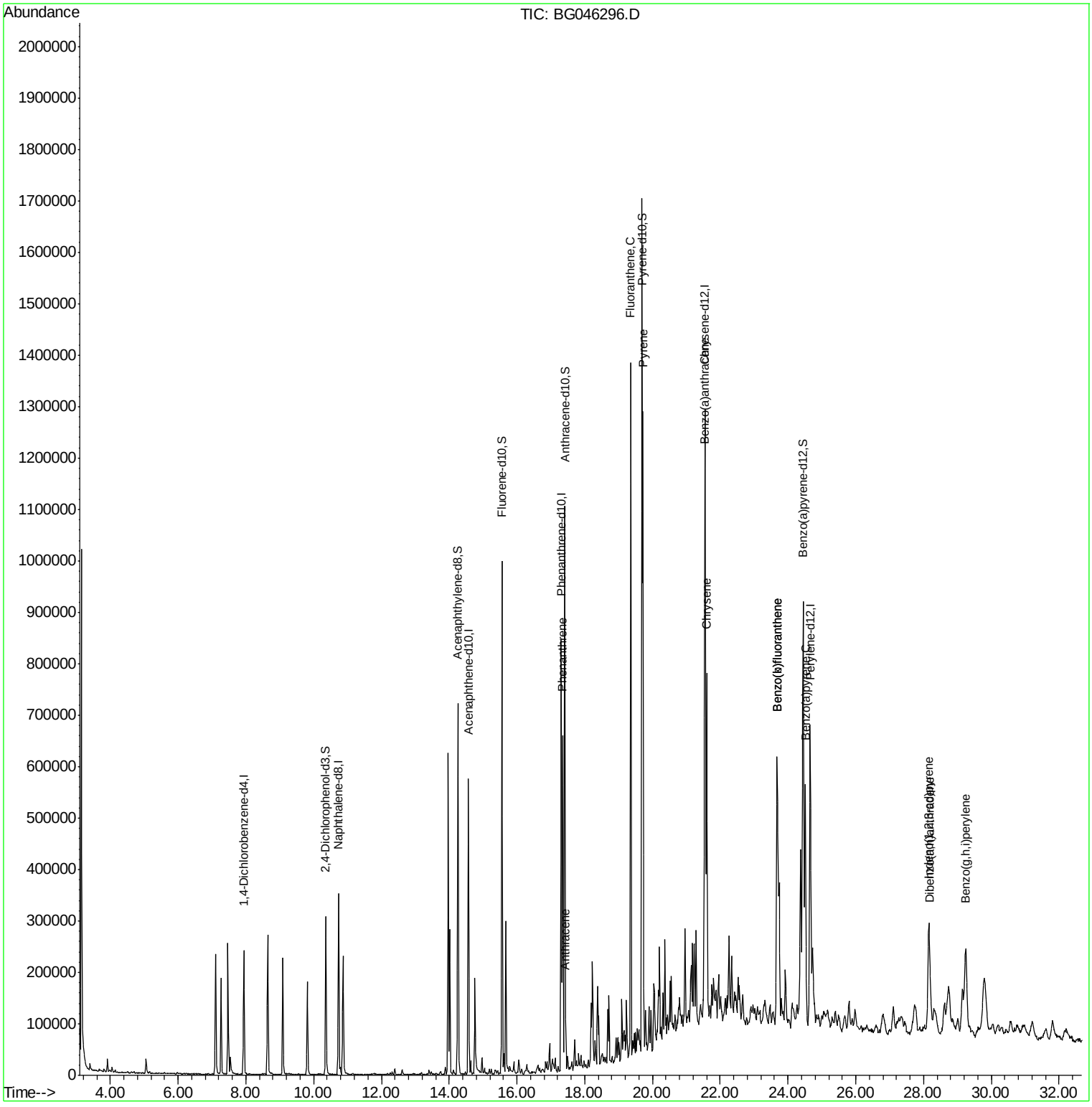
(#) = qualifier out of range (m) = manual integration (+) = signals summed

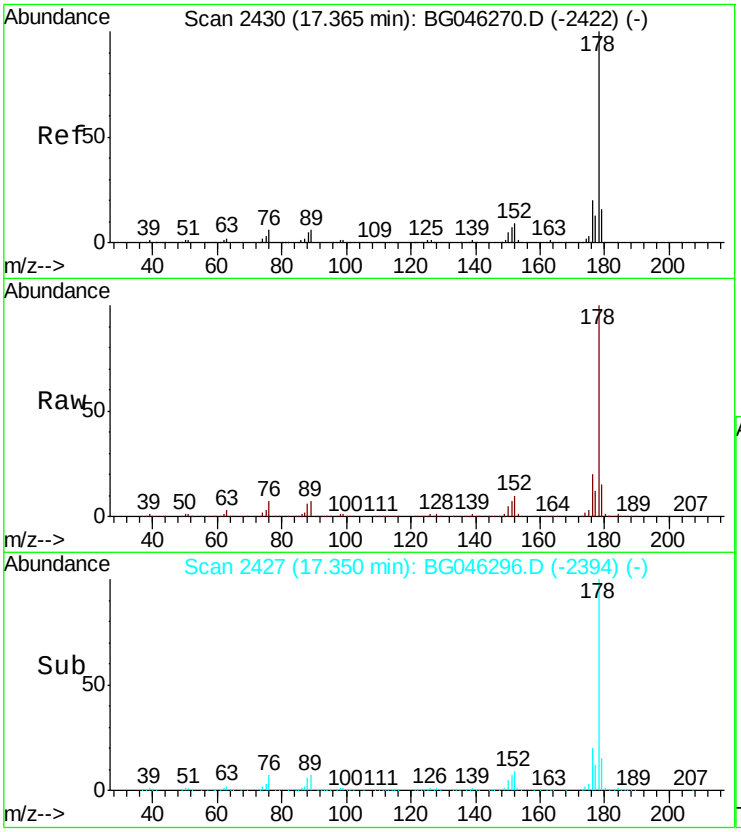
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046296.D
Acq On : 17 Aug 2020 13:50
Operator : CG/JU
Sample : L3632-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM79

Quant Time: Aug 17 16:02:54 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



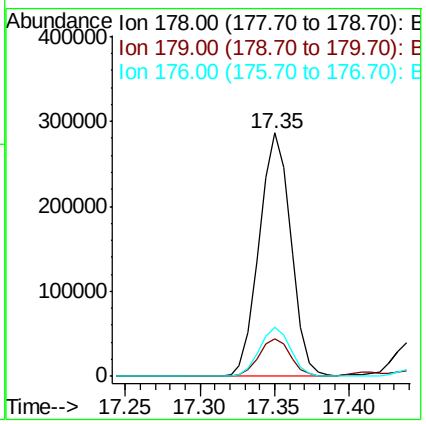


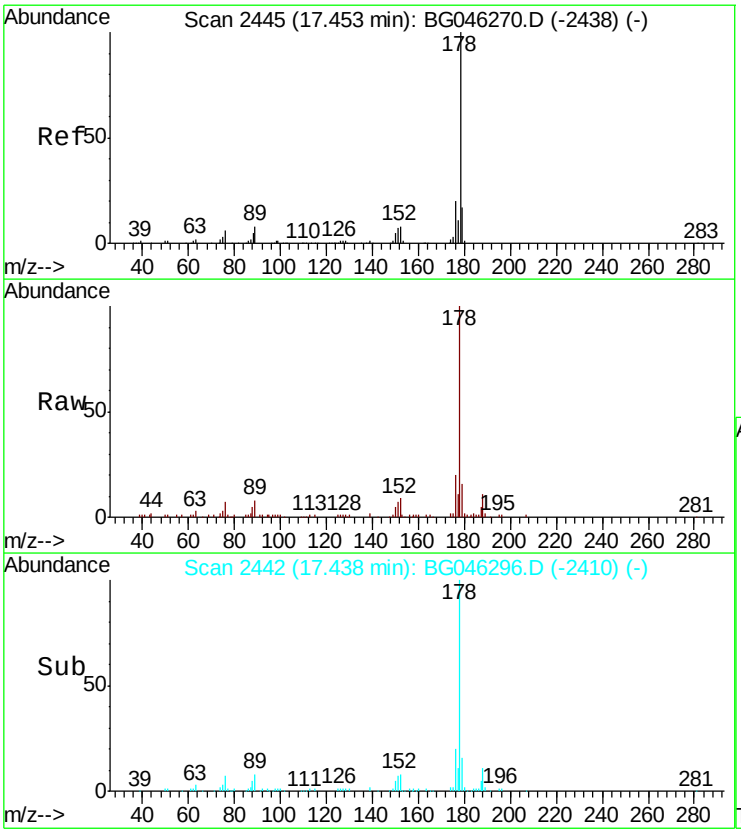
#14
Phenanthrene
Concen: 14.492 ng/ul
RT: 17.35 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BG046296.D
Acq: 17 Aug 2020 13:50

Instrument :
BNA_G
ClientSampleId :
BFM79

Tgt Ion:178 Resp: 421251

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.8	19.2
176	20.0	15.8	23.8

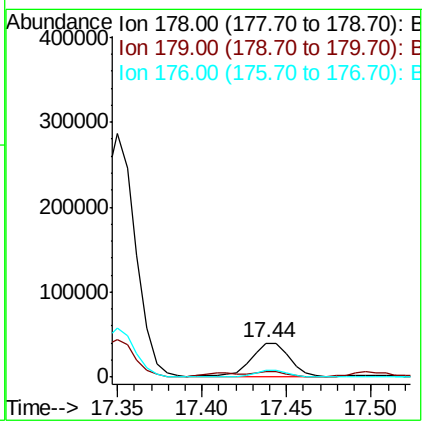


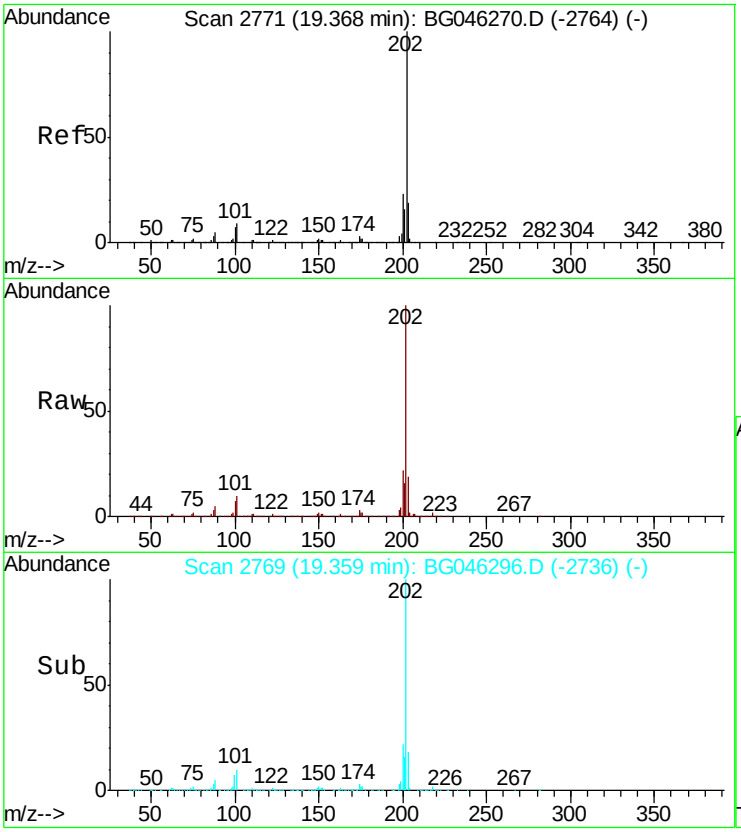


#16
Anthracene
Concen: 2.194 ng/ul
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG046296.D
Acq: 17 Aug 2020 13:50

Tgt Ion:178 Resp: 64342

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.2	19.8
176	20.4	15.2	22.8



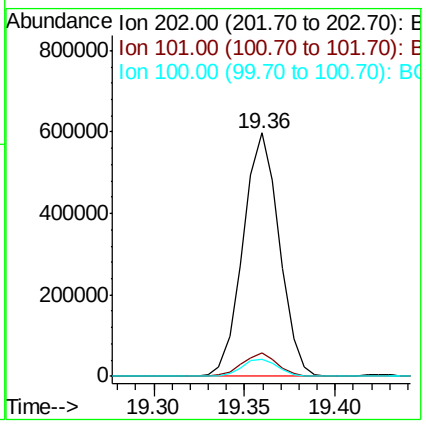


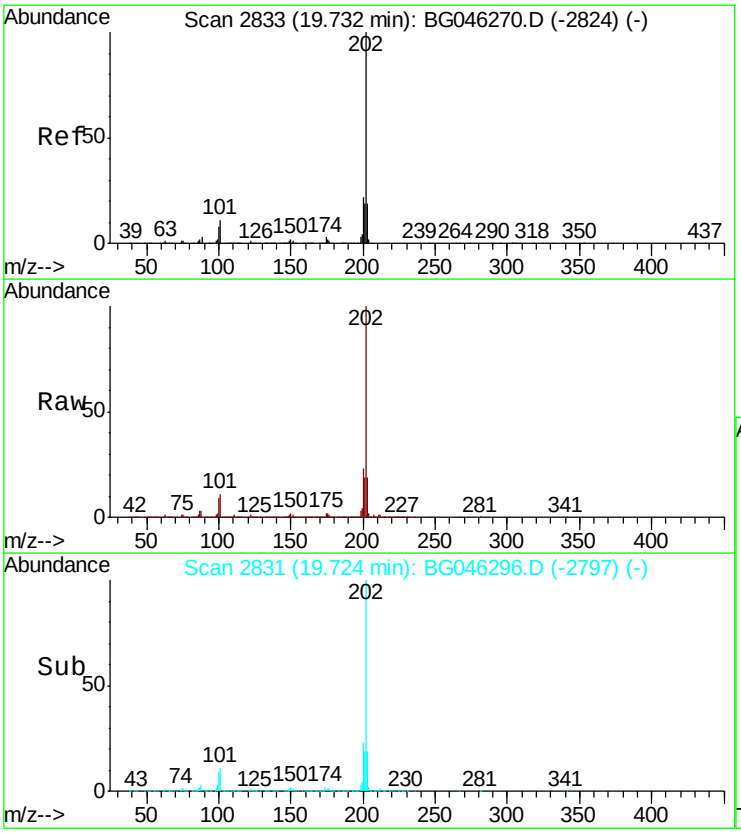
#17
Fluoranthene
Concen: 25.608 ng/ul
RT: 19.36 min Scan# 2769
Delta R.T. -0.01 min
Lab File: BG046296.D
Acq: 17 Aug 2020 13:50

Instrument :
BNA_G
ClientSampleId :
BFM79

Tgt Ion:202 Resp: 830000

Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.8	11.6
100	7.0	5.9	8.9

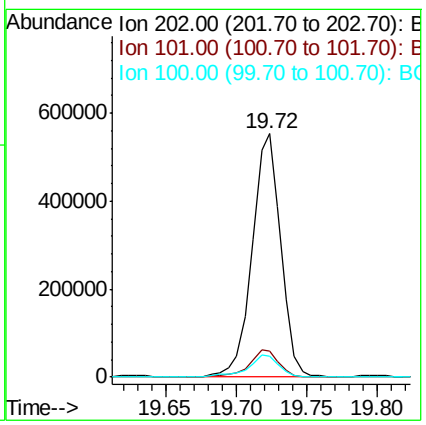


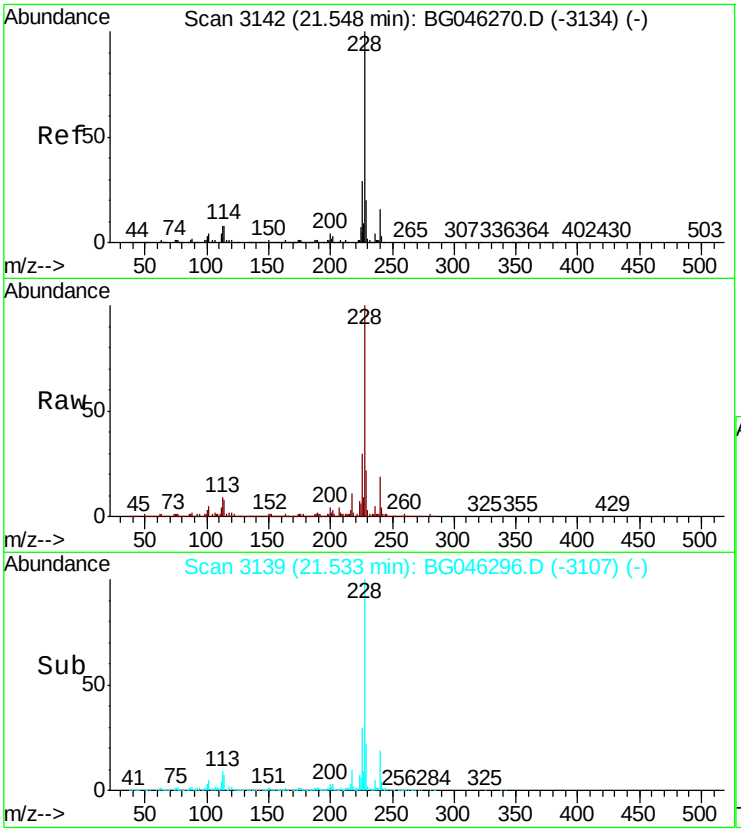


#20
Pyrene
Concen: 21.142 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BG046296.D
Acq: 17 Aug 2020 13:50

Tgt Ion:202 Resp: 784084

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.9	13.3
100	8.8	7.9	11.9



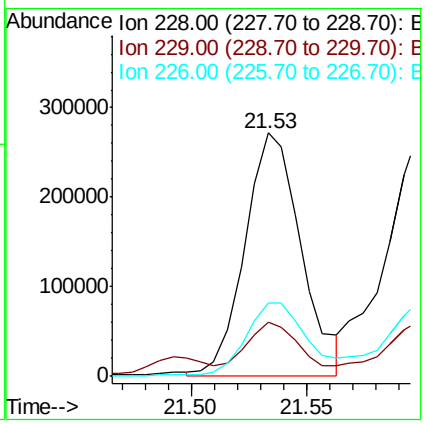


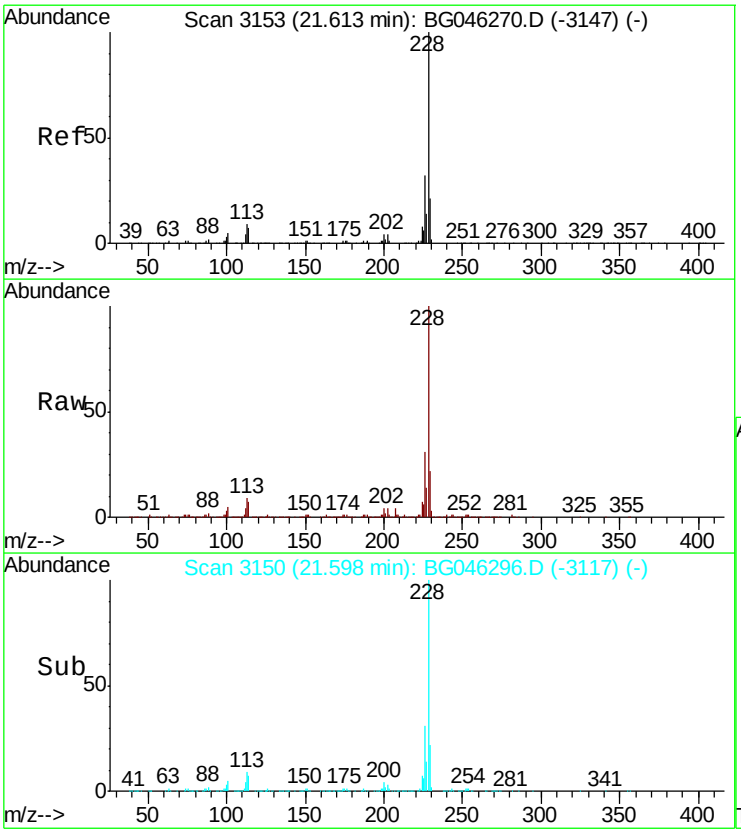
#21
Benzo(a)anthracene
Concen: 12.444 ng/ul
RT: 21.53 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG046296.D
Acq: 17 Aug 2020 13:50

Instrument :
BNA_G
ClientSampleId :
BFM79

Tgt Ion:228 Resp: 457427

Ion	Ratio	Lower	Upper
228	100		
229	22.4	16.6	25.0
226	30.3	22.6	33.8

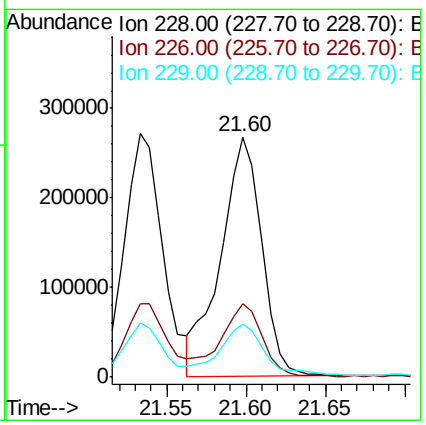


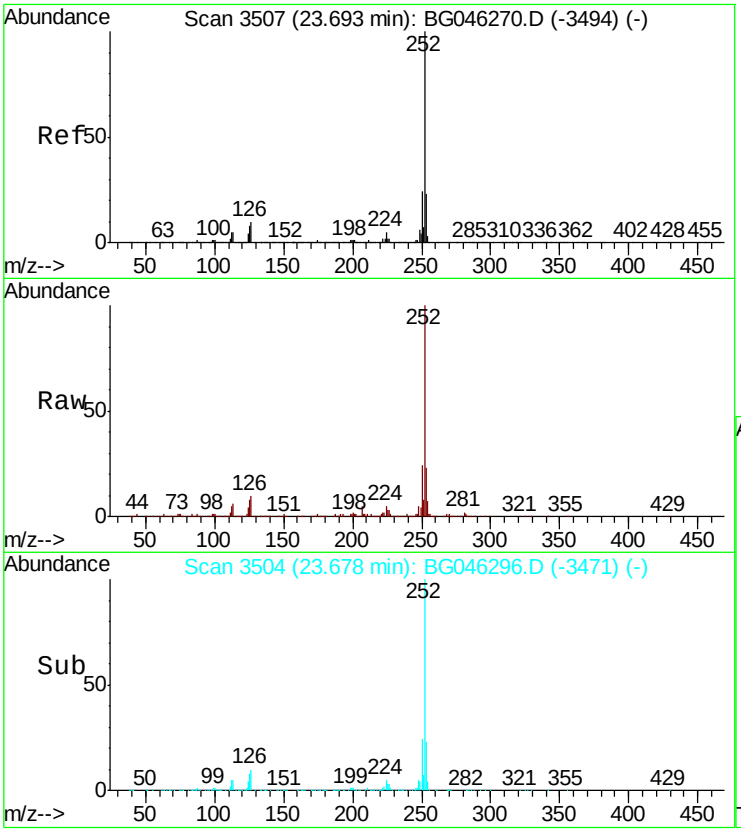


#22
Chrysene
Concen: 13.474 ng/ul
RT: 21.60 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG046296.D
Acq: 17 Aug 2020 13:50

Tgt Ion:228 Resp: 478818

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.5	38.3
229	22.2	17.0	25.4



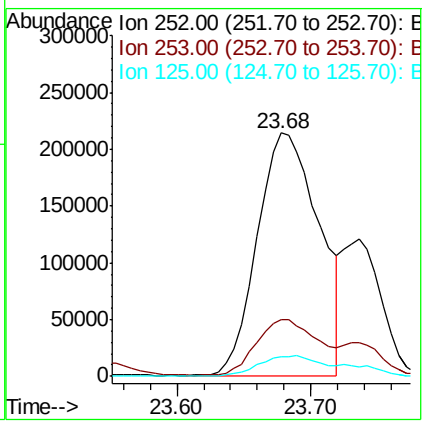


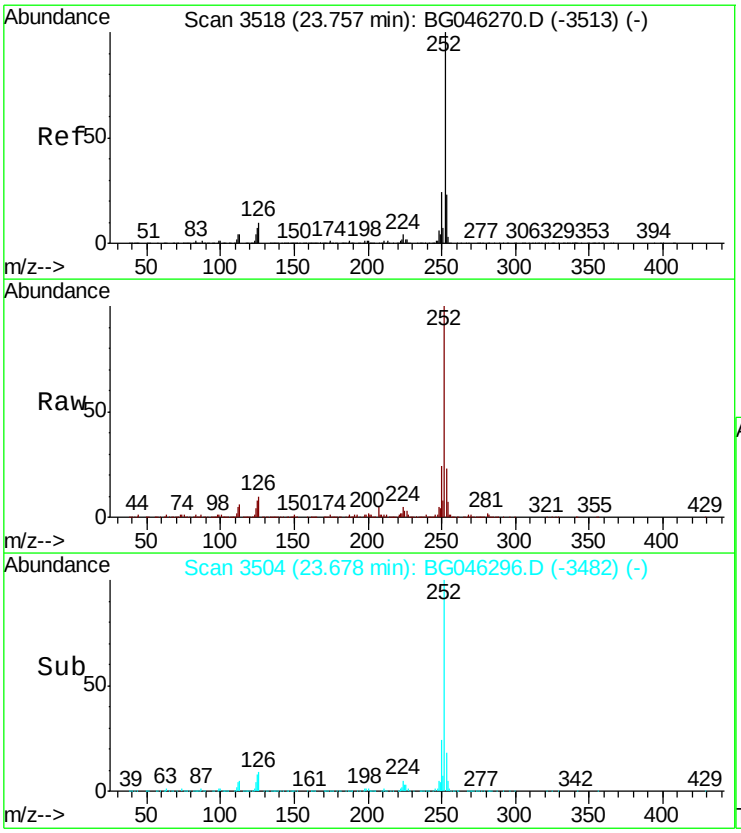
#24
Benzo(b)fluoranthene
Concen: 17.165 ng/ul
RT: 23.68 min Scan# 3504
Delta R.T. -0.01 min
Lab File: BG046296.D
Acq: 17 Aug 2020 13:50

Instrument :
BNA_G
ClientSampleId :
BFM79

Tgt Ion:252 Resp: 687802

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	8.1	6.4	9.6

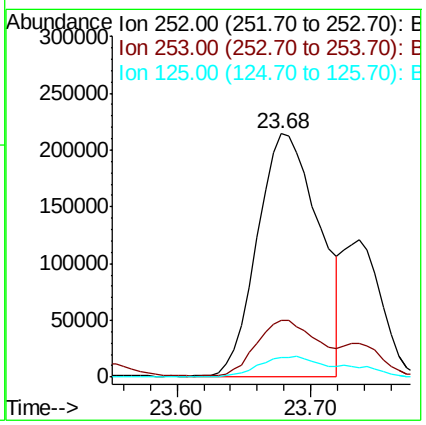


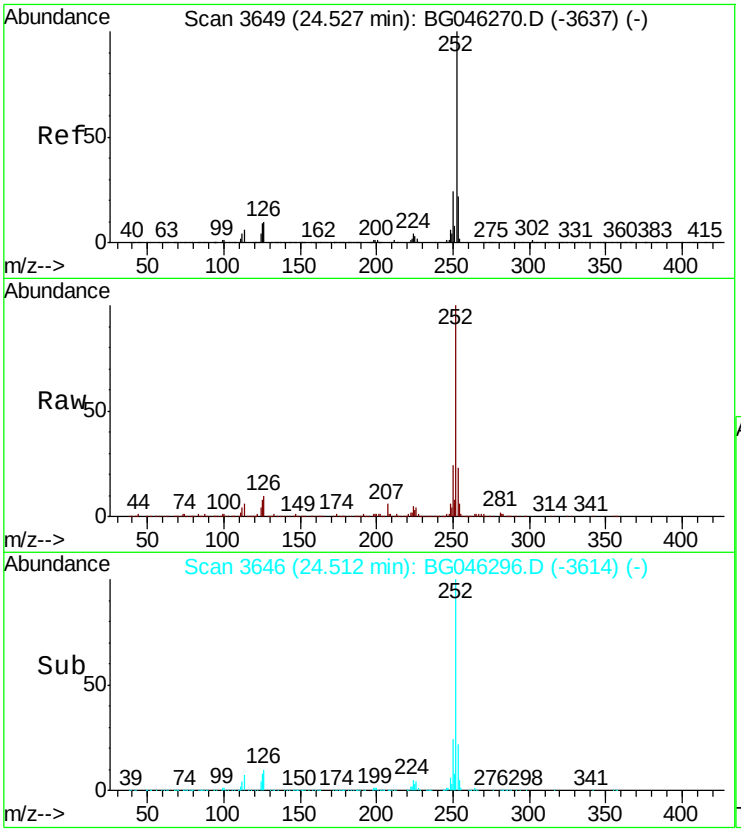


#25
Benzo(k)fluoranthene
Concen: 17.304 ng/ul
RT: 23.68 min Scan# 3504
Delta R.T. -0.07 min
Lab File: BG046296.D
Acq: 17 Aug 2020 13:50

Tgt Ion:252 Resp: 687802

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.5	27.7
125	8.1	6.2	9.2



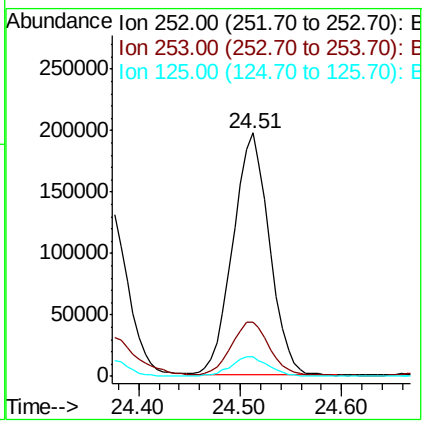


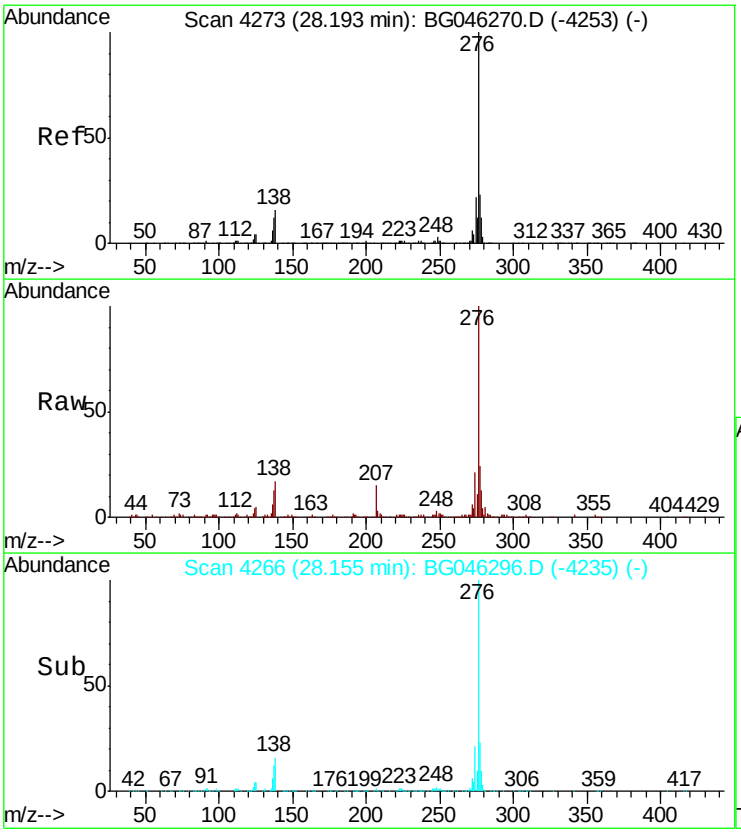
#27
Benzo(a)pyrene
Concen: 13.349 ng/ul
RT: 24.51 min Scan# 3646
Delta R.T. -0.01 min
Lab File: BG046296.D
Acq: 17 Aug 2020 13:50

Instrument :
BNA_G
ClientSampleId :
BFM79

Tgt Ion:252 Resp: 491080

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	8.1	7.1	10.7

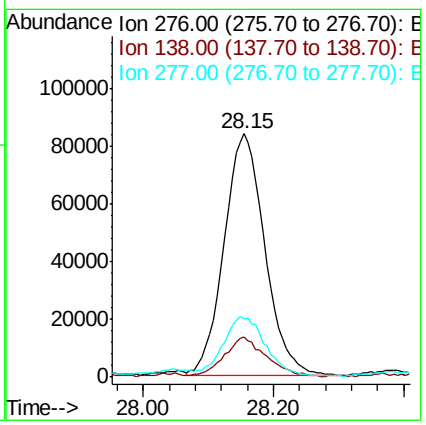


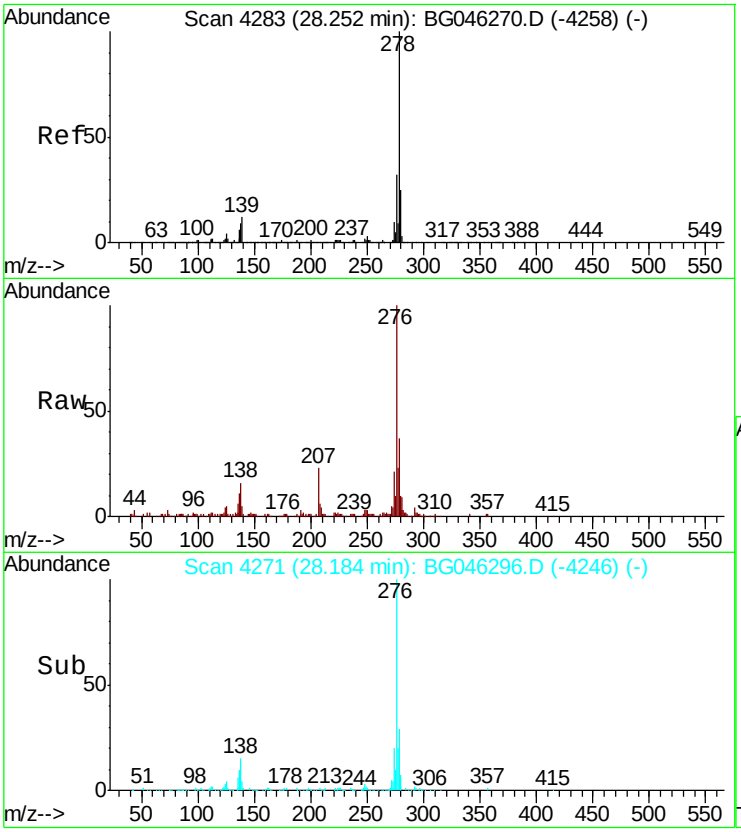


#28
Indeno(1,2,3-cd)pyrene
Concen: 7.840 ng/ul
RT: 28.15 min Scan# 4266
Delta R.T. -0.02 min
Lab File: BG046296.D
Acq: 17 Aug 2020 13:50

Tgt Ion:276 Resp: 361115

Ion	Ratio	Lower	Upper
276	100		
138	16.5	13.2	19.8
277	23.8	19.9	29.9



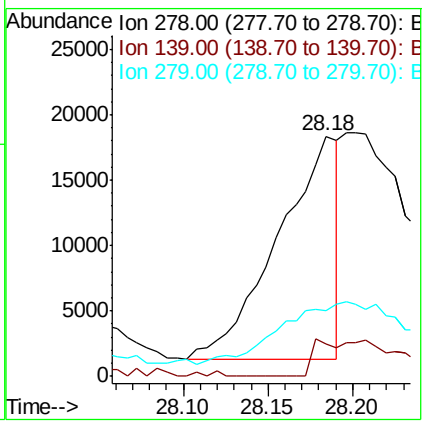


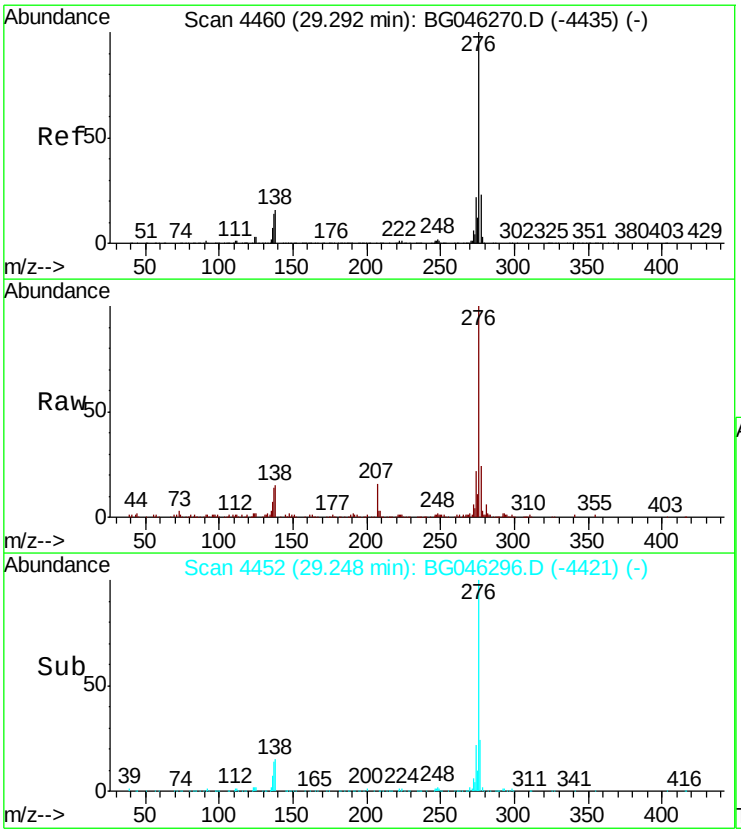
#29
Dibenzo(a,h)anthracene
Concen: 1.123 ng/ul
RT: 28.18 min Scan# 4271
Delta R.T. -0.05 min
Lab File: BG046296.D
Acq: 17 Aug 2020 13:50

Instrument :
BNA_G
ClientSampleId :
BFM79

Tgt Ion:278 Resp: 41925

Ion	Ratio	Lower	Upper
278	100		
139	16.5	9.8	14.8#
279	27.1	19.7	29.5





#30
Benzo(g,h,i)perylene
Concen: 8.404 ng/ul
RT: 29.25 min Scan# 4452
Delta R.T. -0.02 min
Lab File: BG046296.D
Acq: 17 Aug 2020 13:50

Tgt Ion:276 Resp: 323979

Ion	Ratio	Lower	Upper
276	100		
138	14.9	12.9	19.3
277	23.8	19.4	29.0