Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046368.D
Acq On : 20 Aug 2020 6:49
Operator : CG/JU
Sample : L3633-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMA1

Quant Time: Aug 20 07:29:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 04:05:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	104857	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	429903	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	287778	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	656258	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	653546	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	703934	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	164163	22.18	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	629879	23.78	ng/ul	0.00
10) Fluorene-d10	15.56	176	482731	23.79	ng/ul	0.00
15) Anthracene-d10	17.41	188	708099	23.28	ng/ul	0.00
19) Pyrene-d10	19.69	212	839824	24.97	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	944841	24.60	ng/ul	0.01
Target Compounds						Qvalue
4) Naphthalene	10.78	128	24858	1.112	ng/ul	97
8) Acenaphthylene	14.29	152	46149	1.714	ng/ul	99
9) Acenaphthene	14.63	153	22540	1.172	ng/ul	96
14) Phenanthrene	17.35	178	659138	18.257	ng/ul	99
16) Anthracene	17.44	178	81162	2.228	ng/ul	98
17) Fluoranthene	19.36	202	1222632	30.371	ng/ul	100
20) Pyrene	19.73	202	1213984	28.299	ng/ul	99
21) Benzo(a)anthracene	21.54	228	740496	17.415	ng/ul	96
22) Chrysene	21.60	228	792345	19.276	ng/ul	99
24) Benzo(b)fluoranthene	23.69	252	1112405	23.897	ng/ul	99
25) Benzo(k)fluoranthene	23.69	252	1112405	24.090	ng/ul	99
27) Benzo(a)pyrene	24.52	252	786546	18.405	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.18	276	556624	10.402	ng/ul	98
29) Dibenzo(a,h)anthracene	28.21	278	75226	1.734	ng/ul	99
30) Benzo(g,h,i)perylene	29.27	276	455527	10.172	ng/ul	100

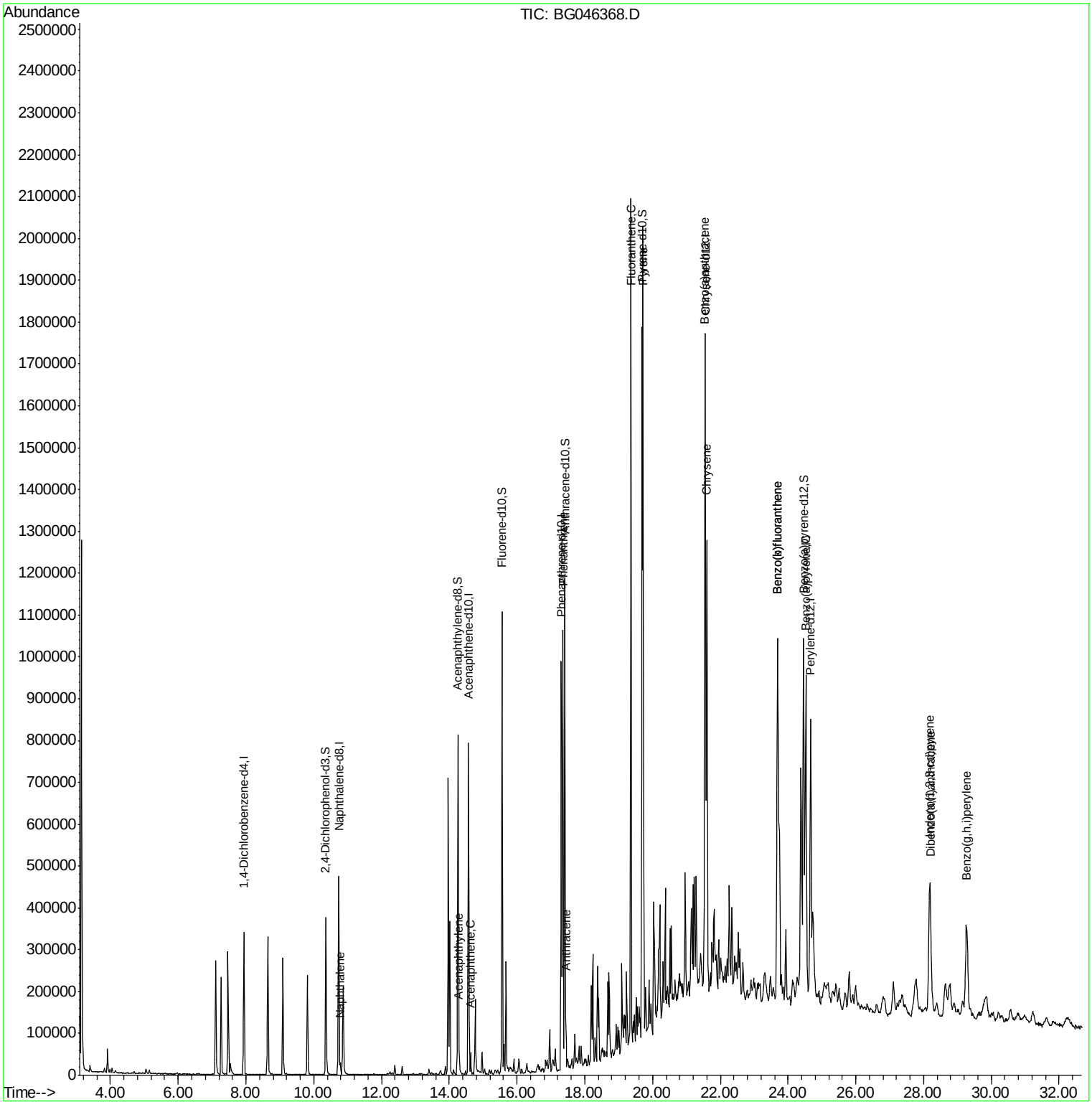
(#) = qualifier out of range (m) = manual integration (+) = signals summed

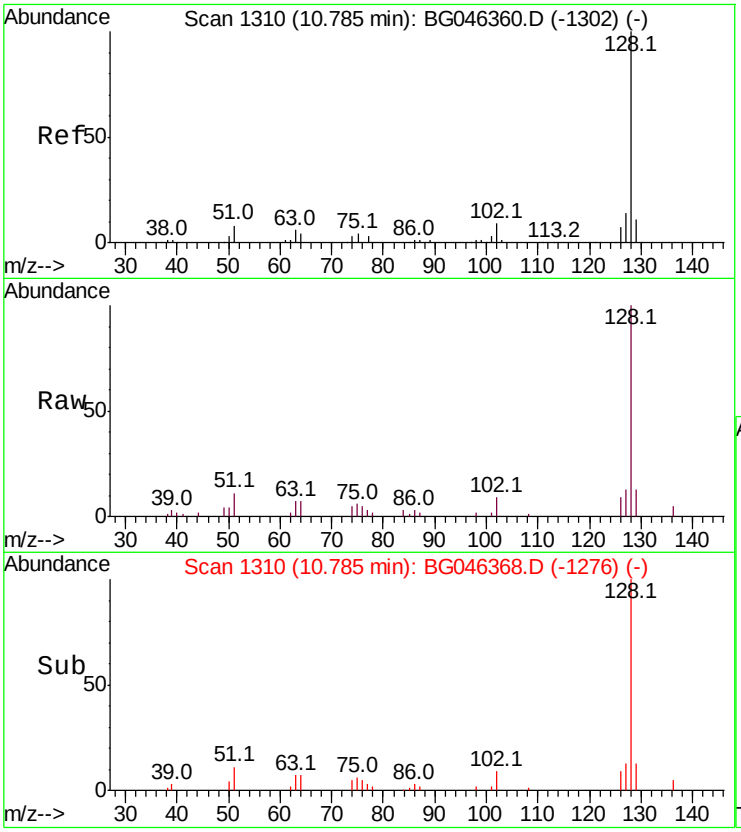
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046368.D
Acq On : 20 Aug 2020 6:49
Operator : CG/JU
Sample : L3633-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMA1

Quant Time: Aug 20 07:29:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 04:05:44 2020
Response via : Initial Calibration



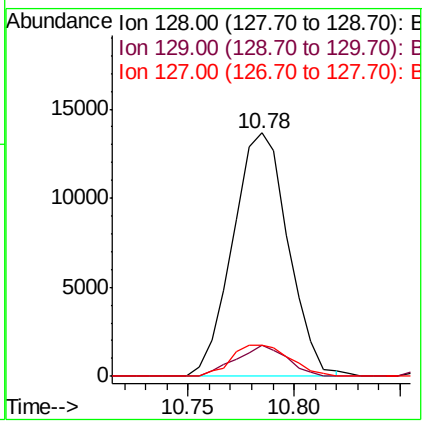


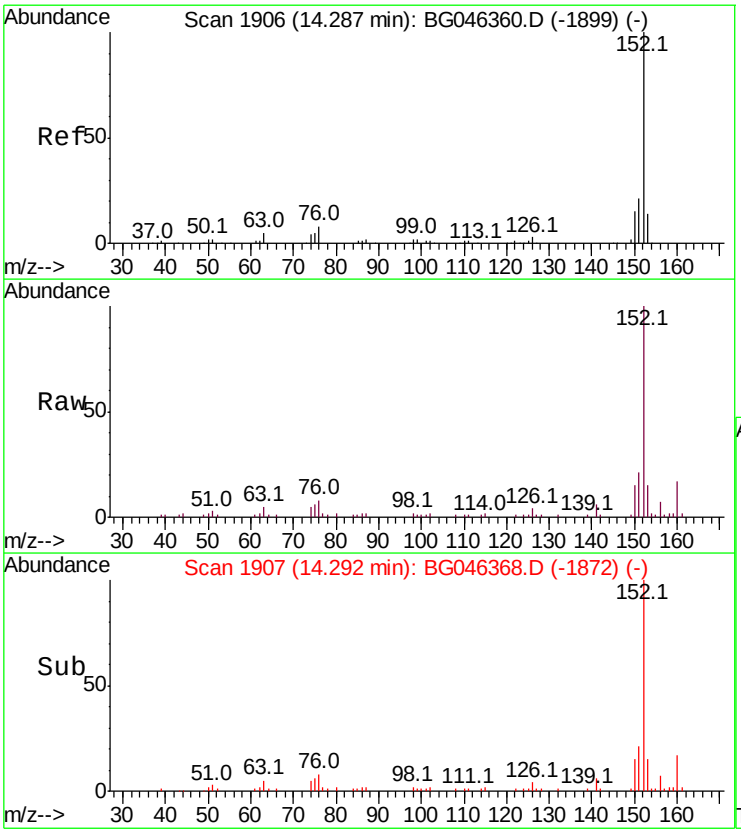
#4
Naphthalene
Concen: 1.112 ng/ul
RT: 10.78 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG046368.D
Acq: 20 Aug 2020 6:49

Instrument :
BNA_G
ClientSampleId :
BFMA1

Tgt Ion:128 Resp: 24858

Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.0	13.6
127	12.8	10.9	16.3

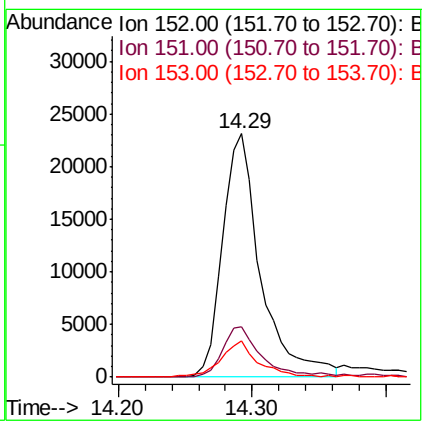


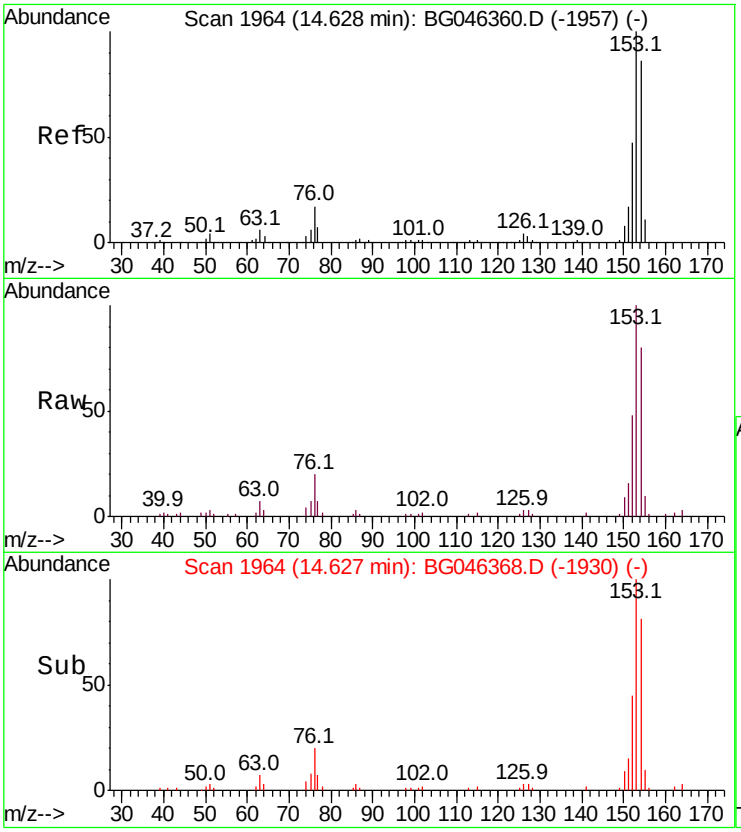


#8
Acenaphthylene
Concen: 1.714 ng/ul
RT: 14.29 min Scan# 1907
Delta R.T. 0.01 min
Lab File: BG046368.D
Acq: 20 Aug 2020 6:49

Tgt Ion:152 Resp: 46149

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.5	24.7
153	14.7	11.0	16.6



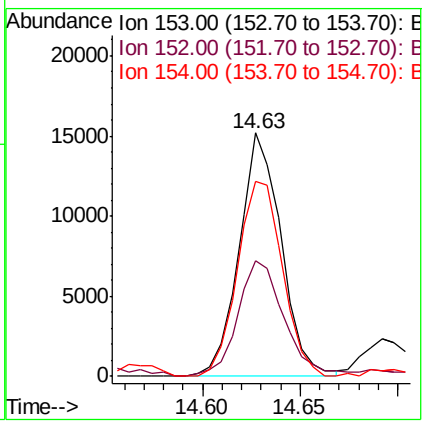


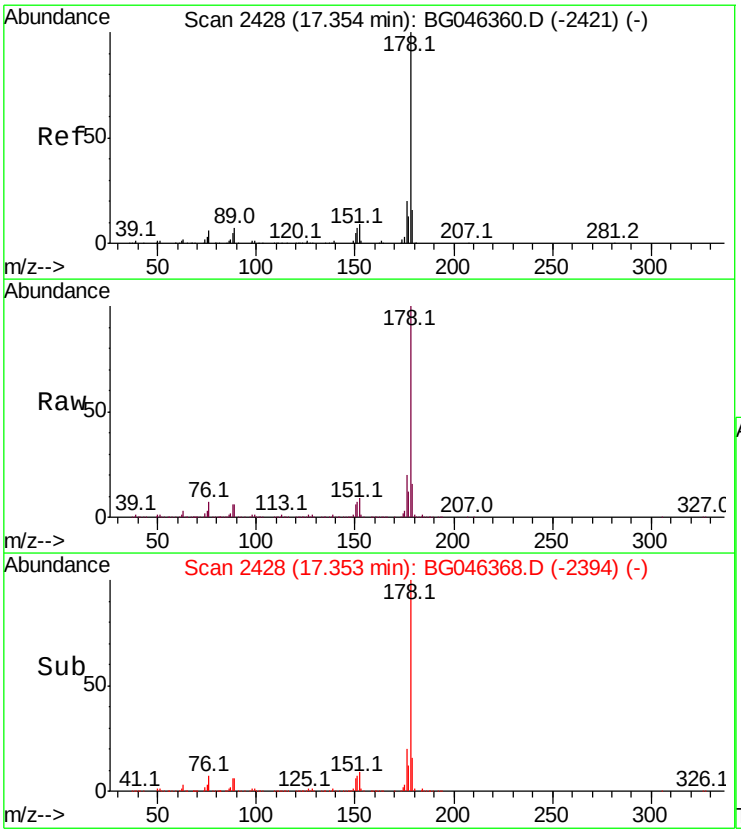
#9
Acenaphthene
Concen: 1.172 ng/ul
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG046368.D
Acq: 20 Aug 2020 6:49

Instrument :
BNA_G
ClientSampleId :
BFMA1

Tgt Ion:153 Resp: 22540

Ion	Ratio	Lower	Upper
153	100		
152	47.7	37.2	55.8
154	80.1	67.8	101.6

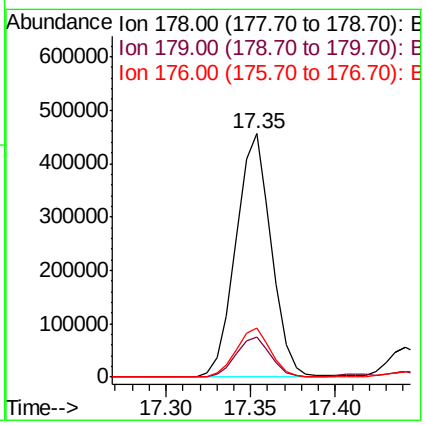


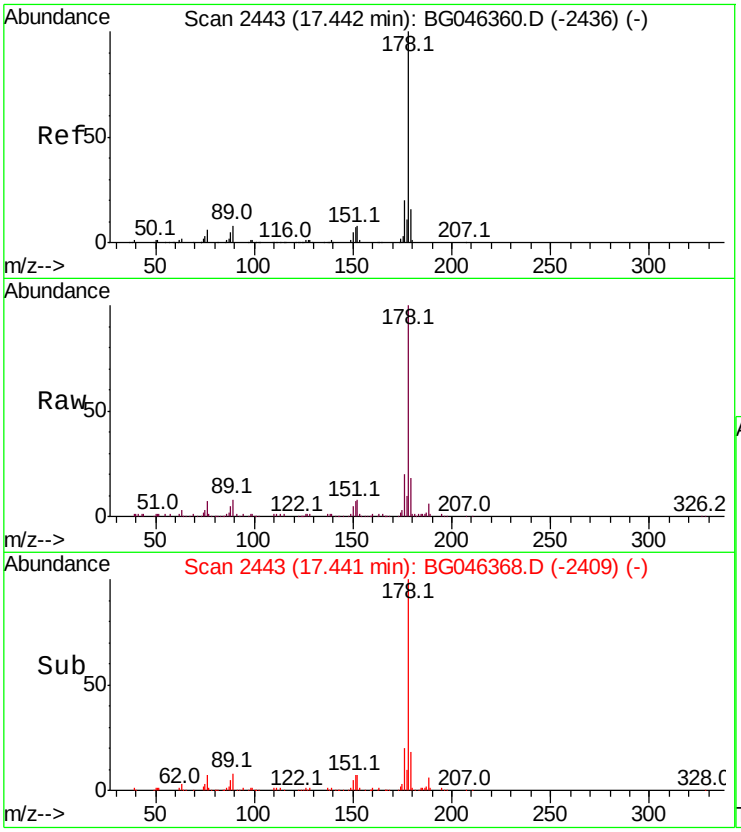


#14
Phenanthrene
Concen: 18.257 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG046368.D
Acq: 20 Aug 2020 6:49

Tgt Ion:178 Resp: 659138

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.8	19.2
176	20.2	15.8	23.8



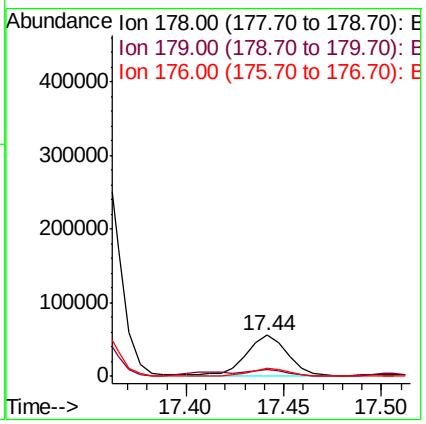


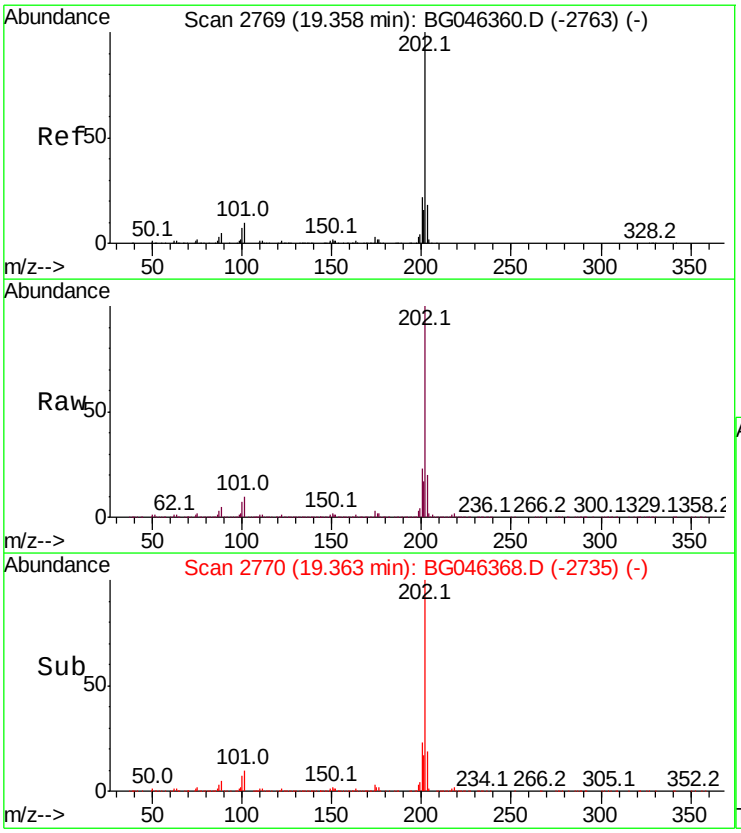
#16
Anthracene
Concen: 2.228 ng/ul
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG046368.D
Acq: 20 Aug 2020 6:49

Instrument :
BNA_G
ClientSampleId :
BFMA1

Tgt Ion:178 Resp: 81162

Ion	Ratio	Lower	Upper
178	100		
179	17.6	13.2	19.8
176	19.8	15.2	22.8

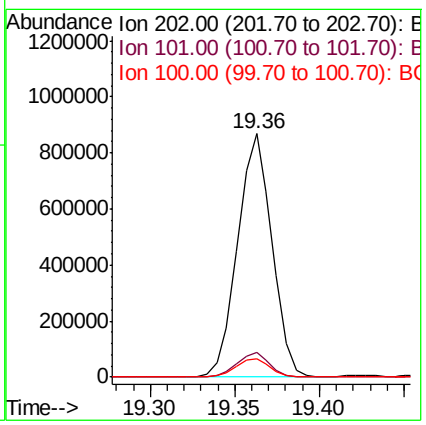


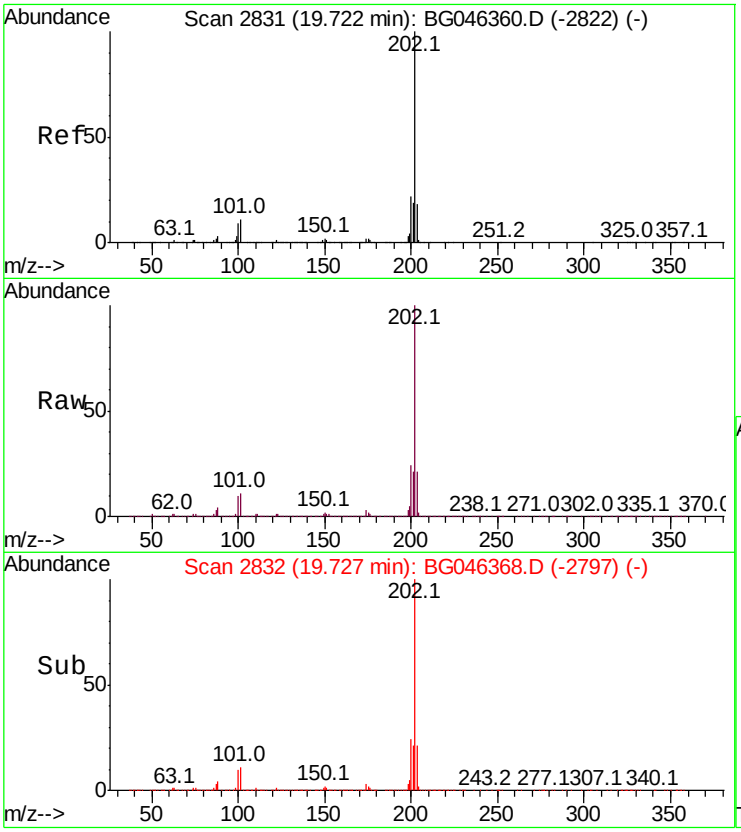


#17
Fluoranthene
Concen: 30.371 ng/ul
RT: 19.36 min Scan# 2770
Delta R.T. 0.01 min
Lab File: BG046368.D
Acq: 20 Aug 2020 6:49

Tgt Ion:202 Resp: 1222632

Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.8	11.6
100	7.5	5.9	8.9



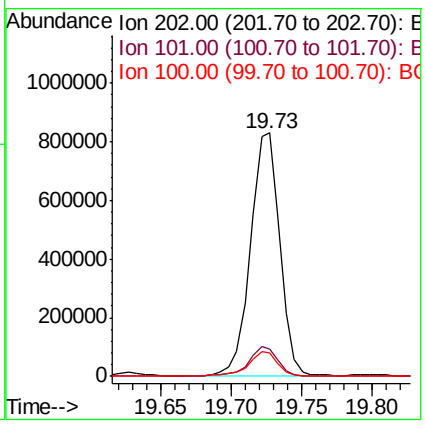


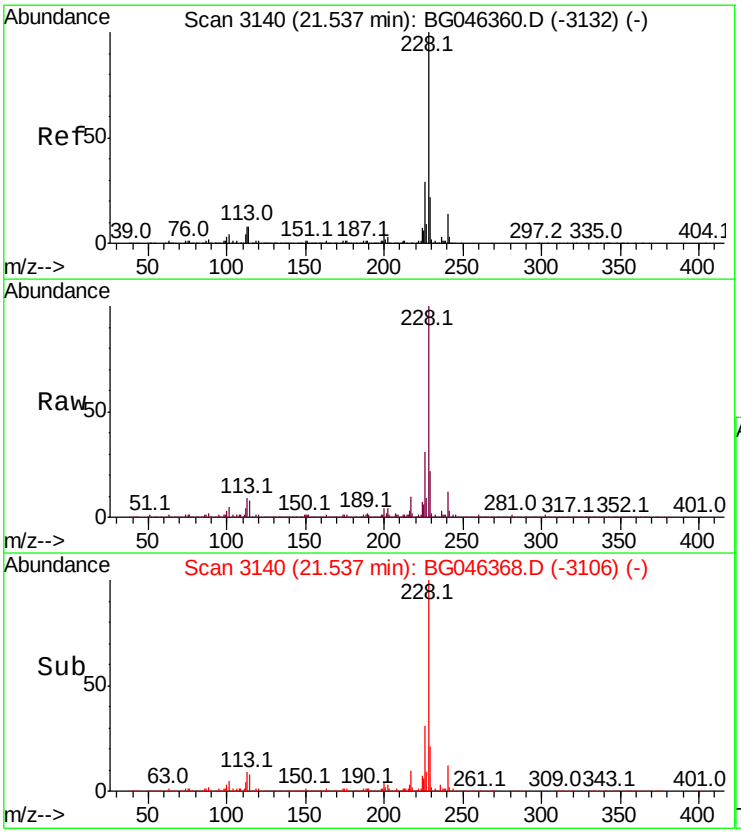
#20
Pyrene
Concen: 28.299 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. 0.01 min
Lab File: BG046368.D
Acq: 20 Aug 2020 6:49

Instrument :
BNA_G
ClientSampleId :
BFMA1

Tgt Ion:202 Resp: 1213984

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.9	13.3
100	9.7	7.9	11.9

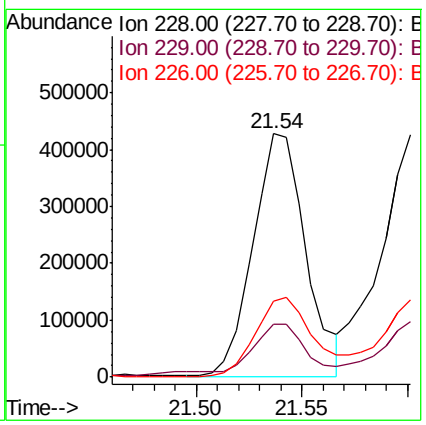


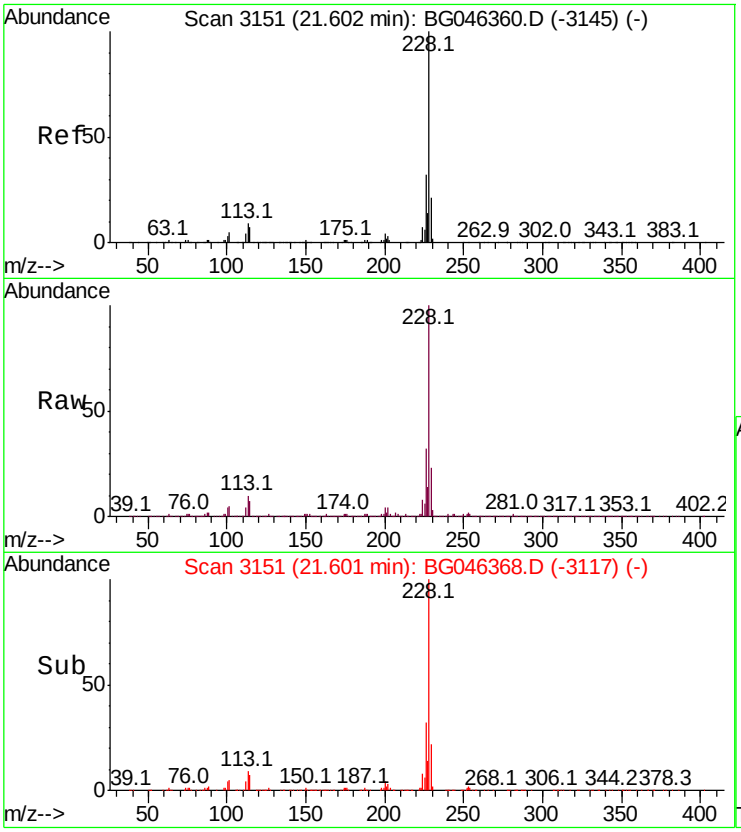


#21
Benzo(a)anthracene
Concen: 17.415 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG046368.D
Acq: 20 Aug 2020 6:49

Tgt Ion:228 Resp: 740496

Ion	Ratio	Lower	Upper
228	100		
229	21.9	16.6	25.0
226	31.0	22.6	33.8



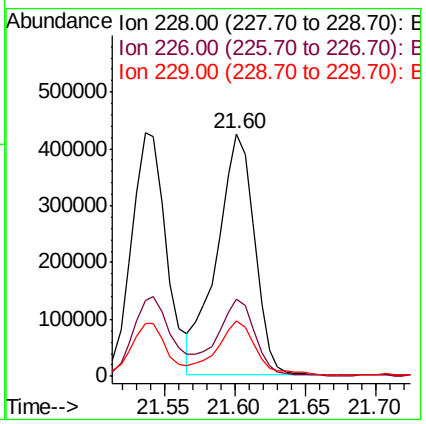


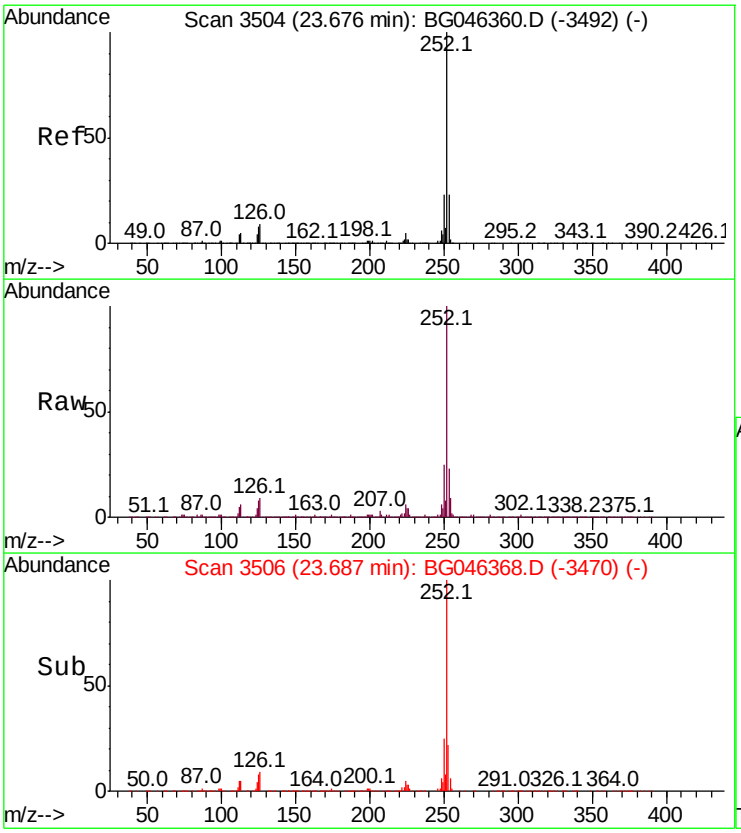
#22
Chrysene
Concen: 19.276 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG046368.D
Acq: 20 Aug 2020 6:49

Instrument :
BNA_G
ClientSampleId :
BFMA1

Tgt Ion:228 Resp: 792345

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.5	38.3
229	22.8	17.0	25.4

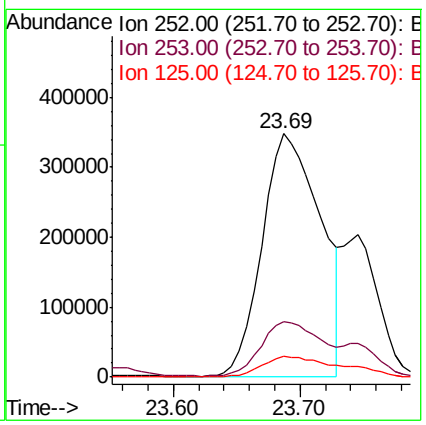


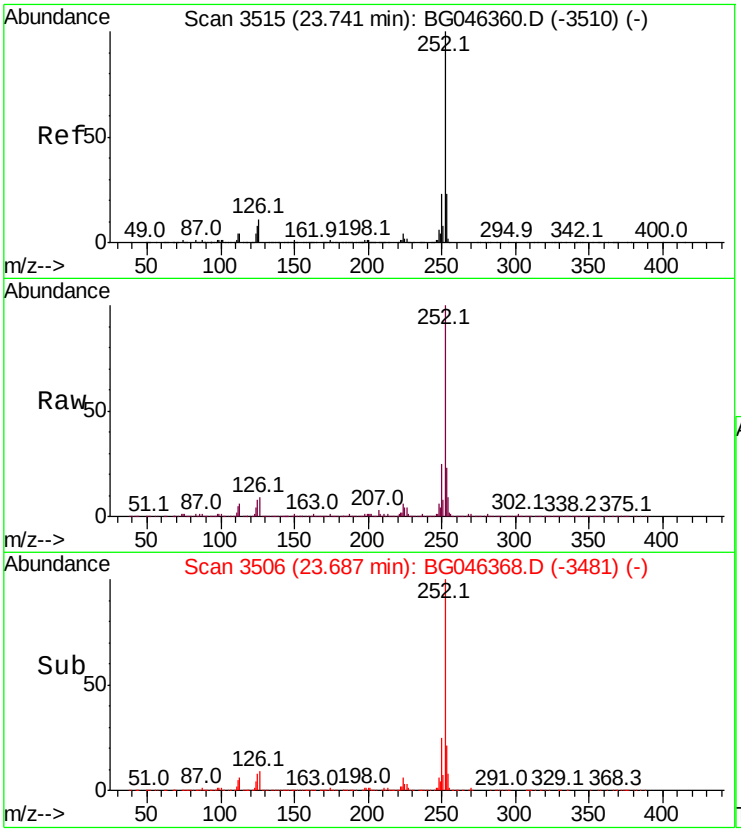


#24
Benzo(b)fluoranthene
Concen: 23.897 ng/ul
RT: 23.69 min Scan# 3506
Delta R.T. 0.01 min
Lab File: BG046368.D
Acq: 20 Aug 2020 6:49

Tgt Ion:252 Resp: 1112405

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	8.4	6.4	9.6



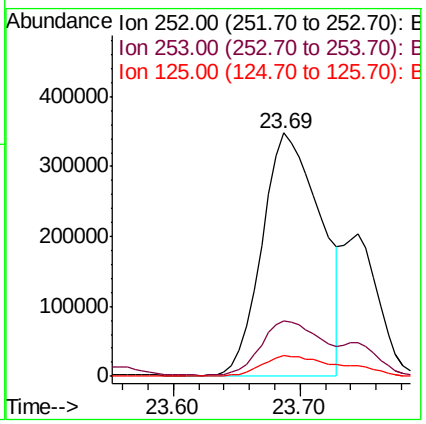


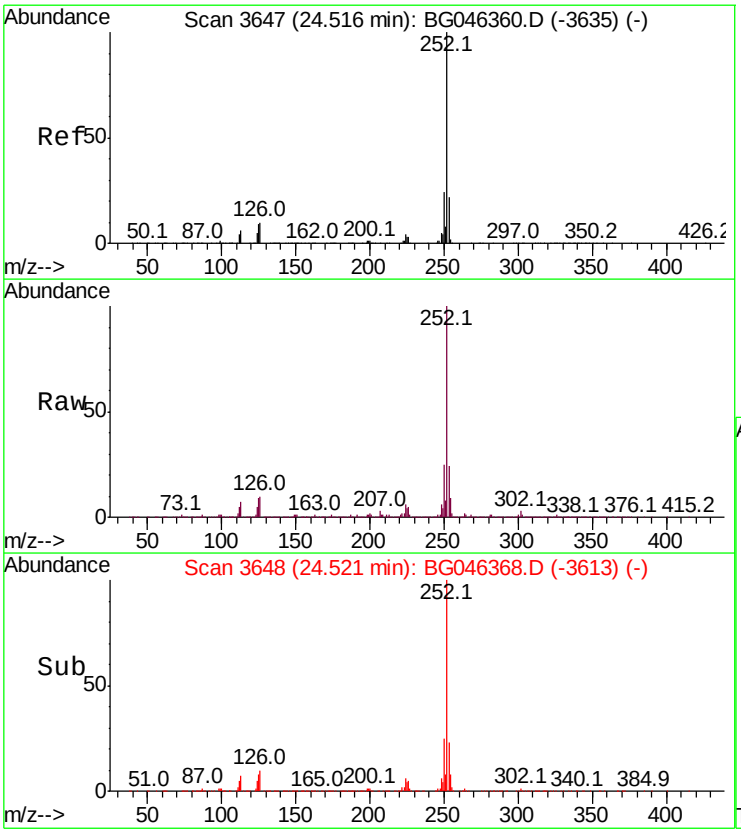
#25
Benzo(k)fluoranthene
Concen: 24.090 ng/ul
RT: 23.69 min Scan# 3506
Delta R.T. -0.05 min
Lab File: BG046368.D
Acq: 20 Aug 2020 6:49

Instrument :
BNA_G
ClientSampleId :
BFMA1

Tgt Ion:252 Resp: 1112405

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.5	27.7
125	8.4	6.2	9.2

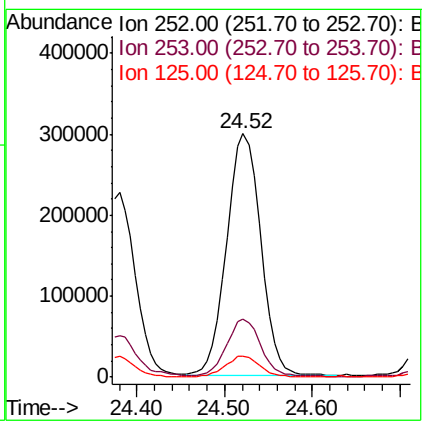


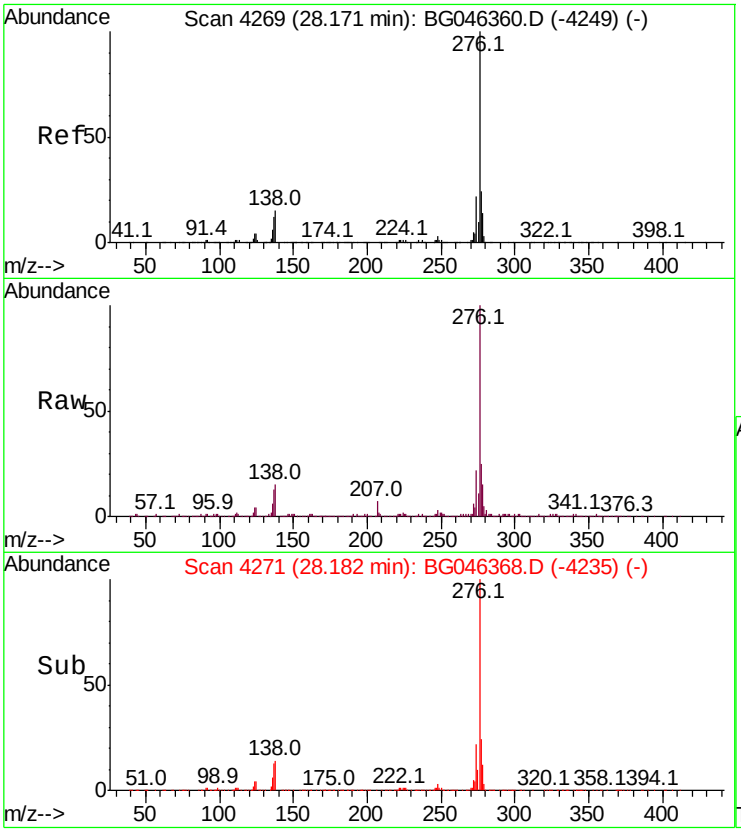


#27
Benzo(a)pyrene
Concen: 18.405 ng/ul
RT: 24.52 min Scan# 3648
Delta R.T. 0.01 min
Lab File: BG046368.D
Acq: 20 Aug 2020 6:49

Tgt Ion:252 Resp: 786546

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.8
125	8.6	7.1	10.7



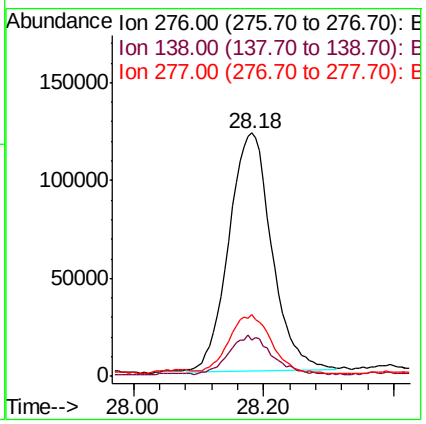


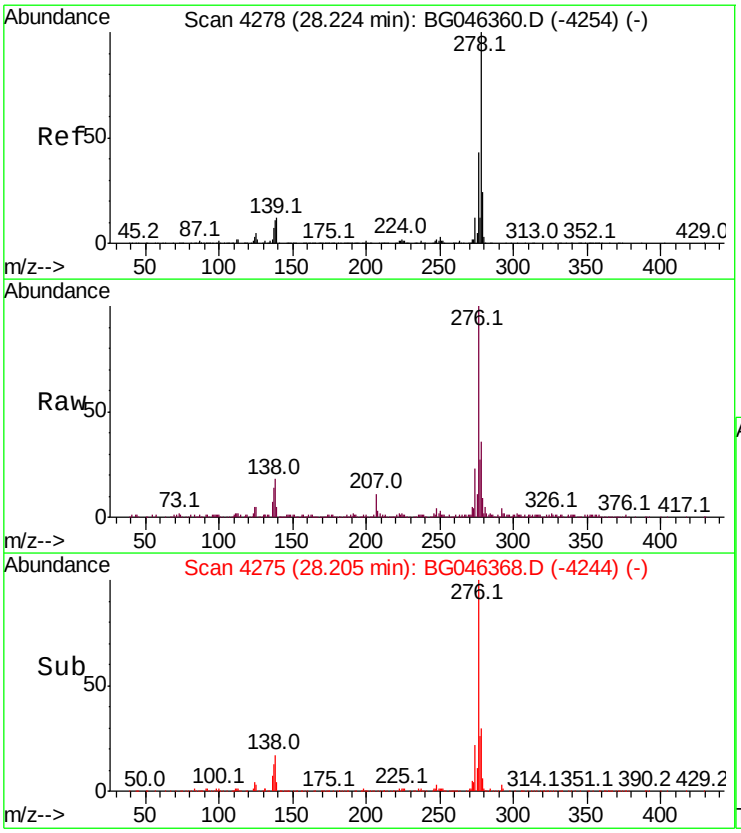
#28
Indeno(1,2,3-cd)pyrene
Concen: 10.402 ng/ul
RT: 28.18 min Scan# 4271
Delta R.T. 0.01 min
Lab File: BG046368.D
Acq: 20 Aug 2020 6:49

Instrument :
BNA_G
ClientSampleId :
BFMA1

Tgt Ion:276 Resp: 556624

Ion	Ratio	Lower	Upper
276	100		
138	14.9	13.2	19.8
277	25.4	19.9	29.9

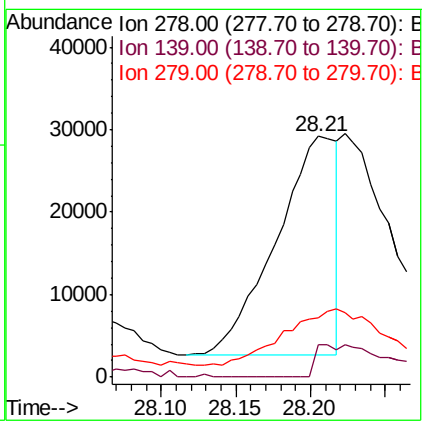


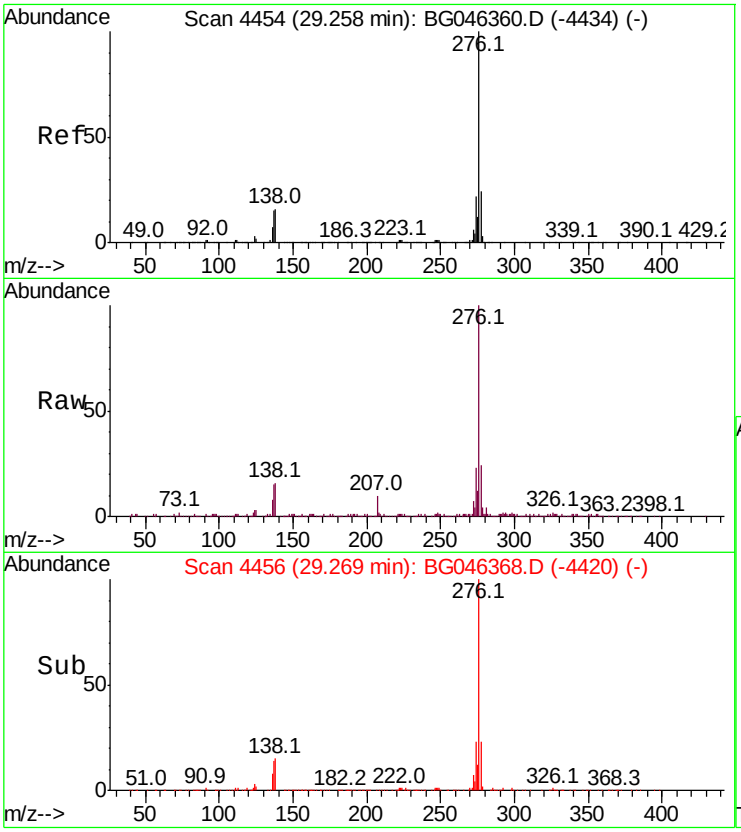


#29
Dibenzo(a,h)anthracene
Concen: 1.734 ng/ul
RT: 28.21 min Scan# 4275
Delta R.T. -0.02 min
Lab File: BG046368.D
Acq: 20 Aug 2020 6:49

Tgt Ion:278 Resp: 75226

Ion	Ratio	Lower	Upper
278	100		
139	13.3	9.8	14.8
279	24.4	19.7	29.5





#30
Benzo(g,h,i)perylene
Concen: 10.172 ng/ul
RT: 29.27 min Scan# 4456
Delta R.T. 0.01 min
Lab File: BG046368.D
Acq: 20 Aug 2020 6:49

Instrument :
BNA_G
ClientSampleId :
BFMA1

Tgt Ion:276 Resp: 455527

Ion	Ratio	Lower	Upper
276	100		
138	16.2	12.9	19.3
277	24.2	19.4	29.0