Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046365.D
Acq On : 20 Aug 2020 4:49
Operator : CG/JU
Sample : L3633-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMA2

Quant Time: Aug 20 05:41:35 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	110026	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	452647	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	301414	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	665552	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	656422	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	727181	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	196109	25.16	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	733321	26.44	ng/ul	0.00
10) Fluorene-d10	15.56	176	562675	26.47	ng/ul	0.00
15) Anthracene-d10	17.41	188	806528	26.14	ng/ul	0.00
19) Pyrene-d10	19.70	212	918459	27.18	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	1078821	27.19	ng/ul	0.02
Target Compounds						Qvalue
4) Naphthalene	10.79	128	207629	8.818	ng/ul	99
5) 2-Methylnaphthalene	12.39	142	97901	5.455	ng/ul	98
8) Acenaphthylene	14.29	152	31620	1.121	ng/ul#	93
9) Acenaphthene	14.63	153	353648	17.560	ng/ul	97
11) Fluorene	15.61	166	452722	19.226	ng/ul	99
14) Phenanthrene	17.45	178	1196943	32.690	ng/ul	97
16) Anthracene	17.45	178	1196943	32.399	ng/ul	97
20) Pyrene	19.73	202	3051212	70.814	ng/ul#	90
21) Benzo(a)anthracene	21.54	228	2102715	49.234	ng/ul#	90
22) Chrysene	21.61	228	1887287	45.712	ng/ul#	91
24) Benzo(b)fluoranthene	23.70	252	2483635	51.648	ng/ul	93
25) Benzo(k)fluoranthene	23.75	252	844011	17.694	ng/ul	96
27) Benzo(a)pyrene	24.53	252	1953172	44.242	ng/ul	96
28) Indeno(1,2,3-cd)pyrene	28.19	276	1212287	21.931	ng/ul	99
29) Dibenzo(a,h)anthracene	28.22	278	333000	7.430	ng/ul	94
30) Benzo(g,h,i)perylene	29.29	276	884040	19.109	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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ALS Vial : 29 Sample Multiplier: 1

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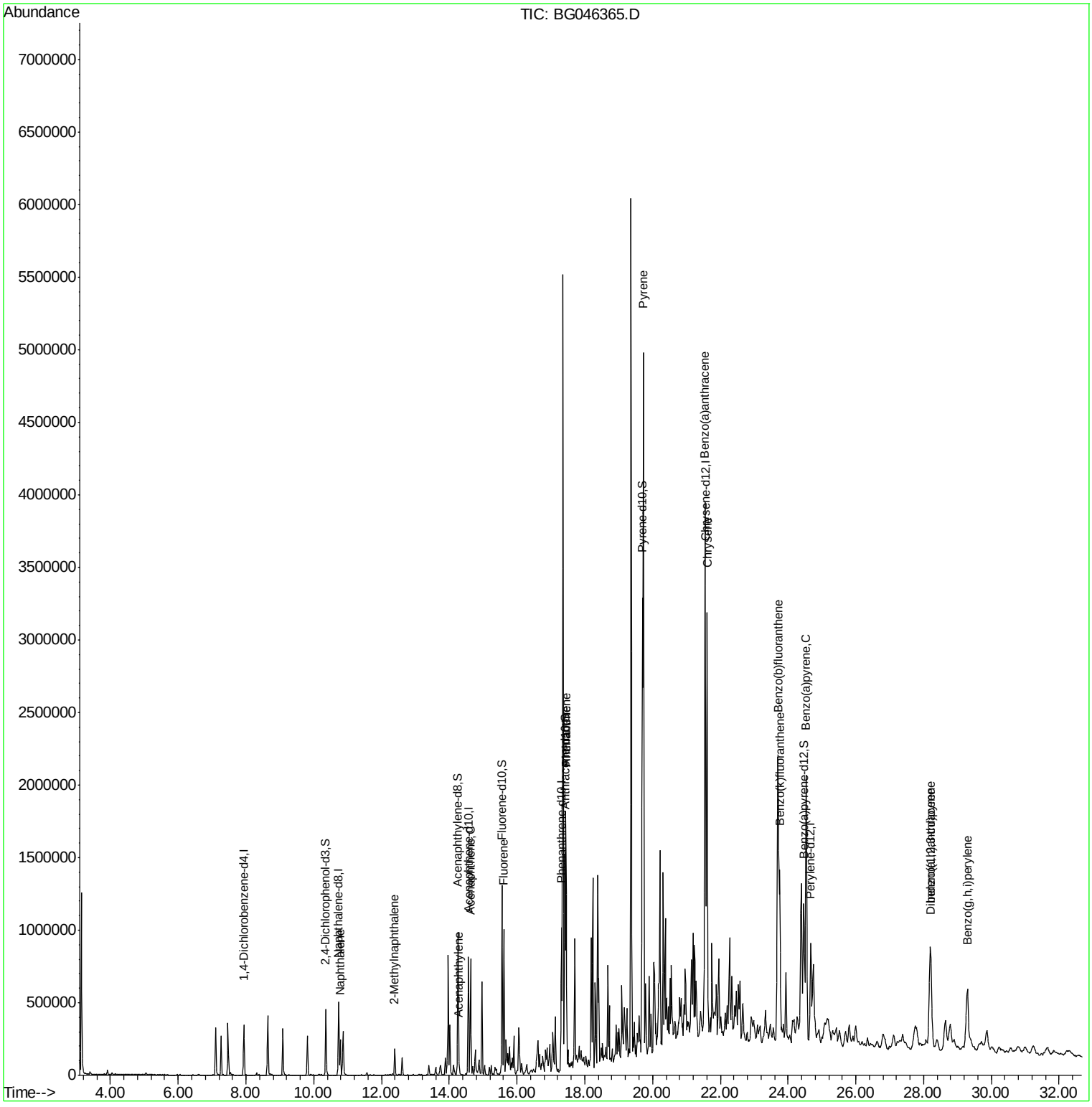
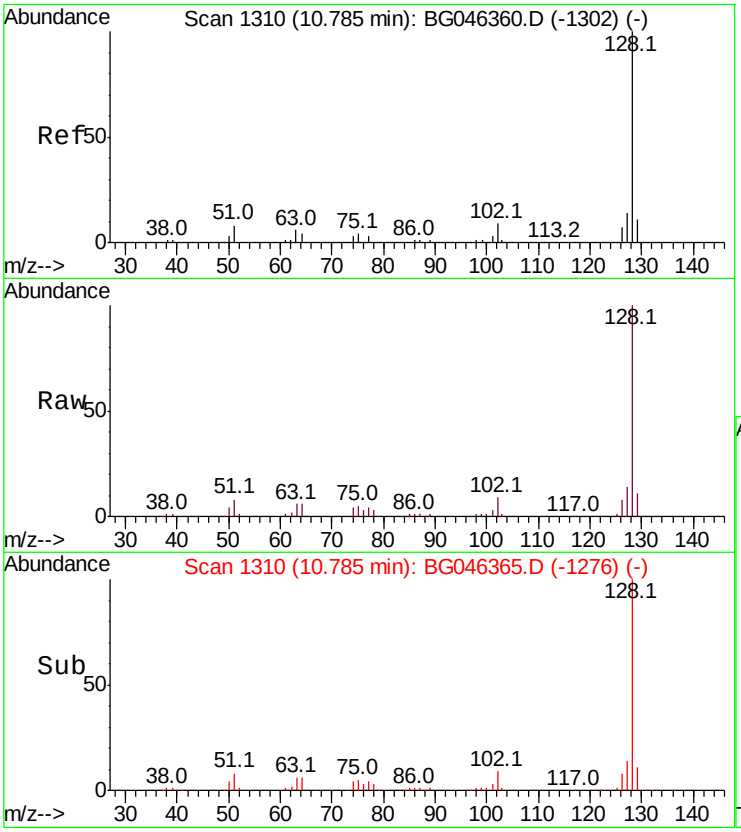
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 04:05:44 2020
Response via : Initial Calibration



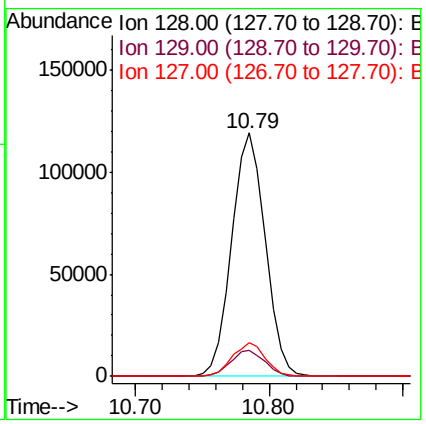


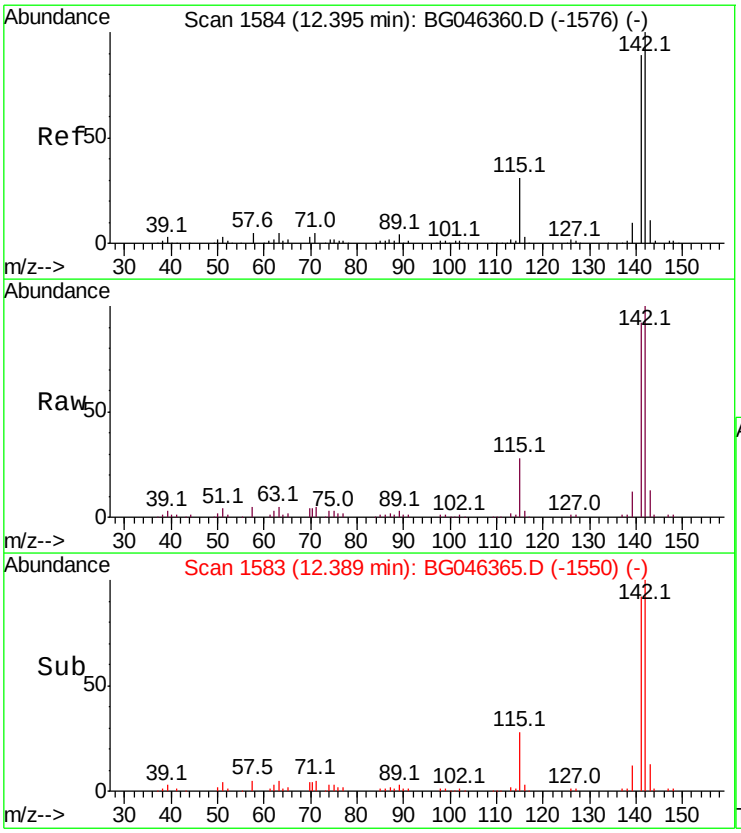
#4
Naphthalene
Concen: 8.818 ng/ul
RT: 10.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BG046365.D
Acq: 20 Aug 2020 4:49

Instrument :
BNA_G
ClientSampleId :
BFMA2

Tgt Ion:128 Resp: 207629

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.6
127	14.0	10.9	16.3

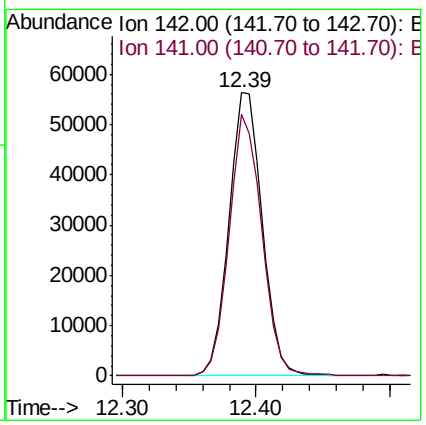


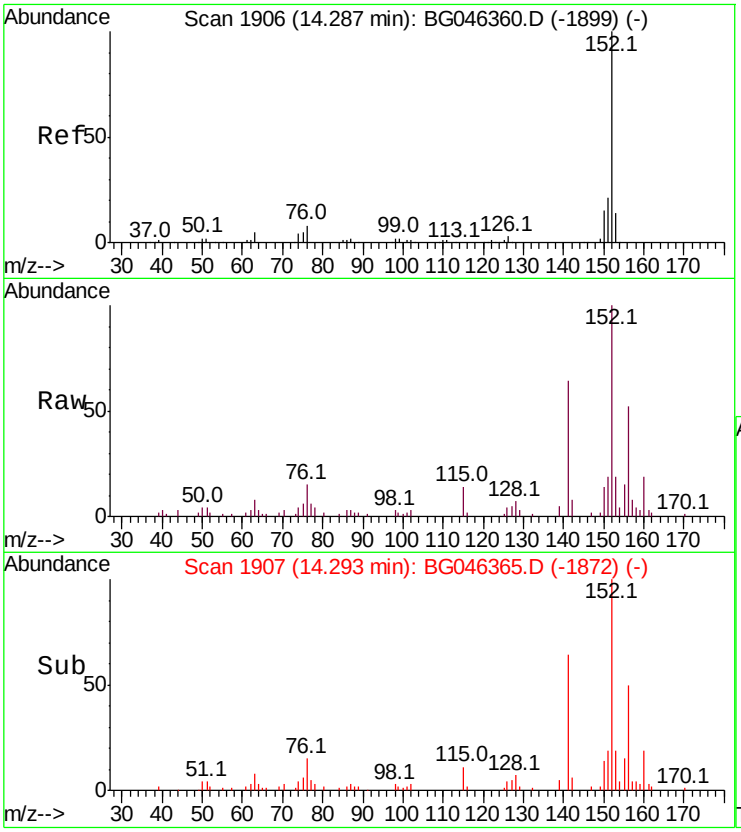


#5
2-Methylnaphthalene
Concen: 5.455 ng/ul
RT: 12.39 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BG046365.D
Acq: 20 Aug 2020 4:49

Tgt Ion:142 Resp: 97901

Ion	Ratio	Lower	Upper
142	100		
141	92.3	72.5	108.7



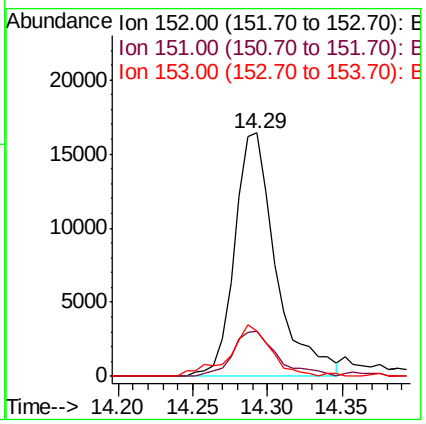


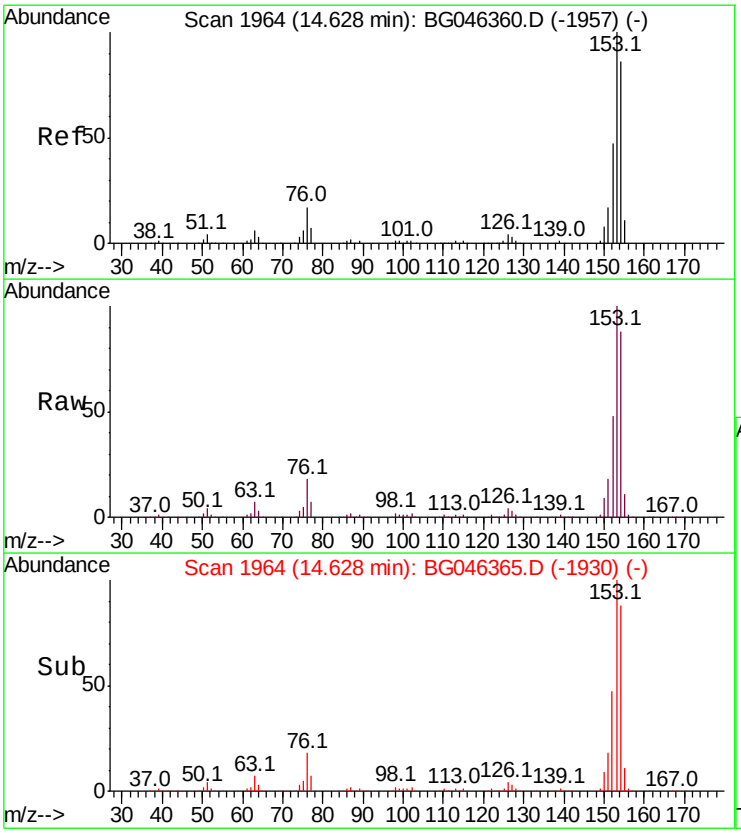
#8
Acenaphthylene
Concen: 1.121 ng/ul
RT: 14.29 min Scan# 1907
Delta R.T. 0.01 min
Lab File: BG046365.D
Acq: 20 Aug 2020 4:49

Instrument :
BNA_G
ClientSampleId :
BFMA2

Tgt Ion:152 Resp: 31620

Ion	Ratio	Lower	Upper
152	100		
151	18.5	16.5	24.7
153	18.6	11.0	16.6#

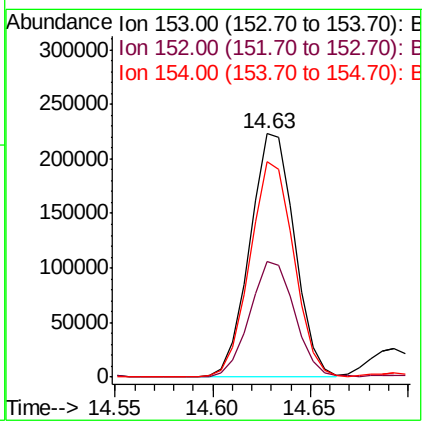


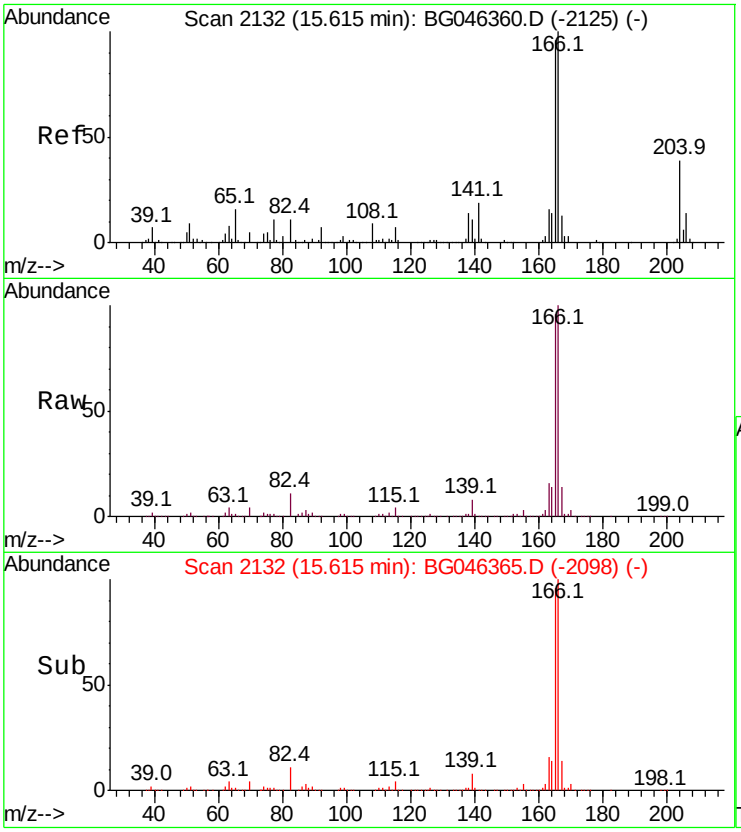


#9
Acenaphthene
Concen: 17.560 ng/ul
RT: 14.63 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG046365.D
Acq: 20 Aug 2020 4:49

Tgt Ion:153 Resp: 353648

Ion	Ratio	Lower	Upper
153	100		
152	47.7	37.2	55.8
154	88.4	67.8	101.6



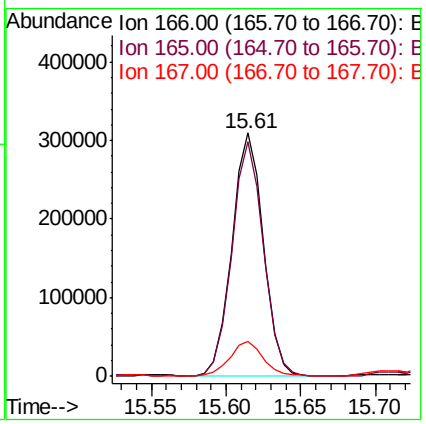


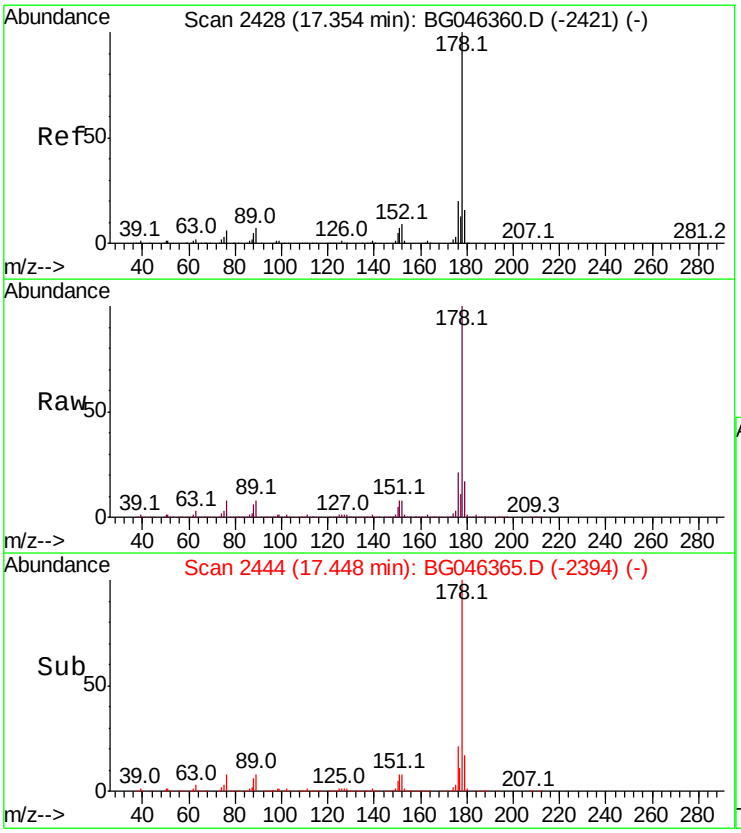
#11
Fluorene
Concen: 19.226 ng/ul
RT: 15.61 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG046365.D
Acq: 20 Aug 2020 4:49

Instrument :
BNA_G
ClientSampleId :
BFMA2

Tgt Ion:166 Resp: 452722

Ion	Ratio	Lower	Upper
166	100		
165	96.2	75.9	113.9
167	14.3	10.7	16.1

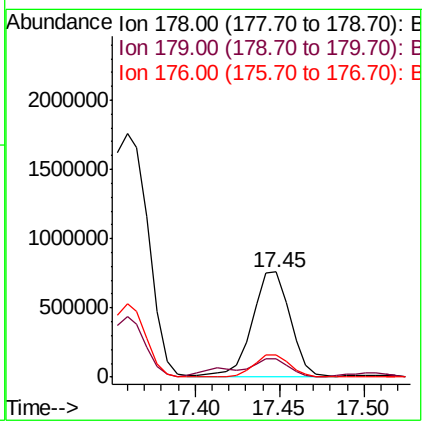


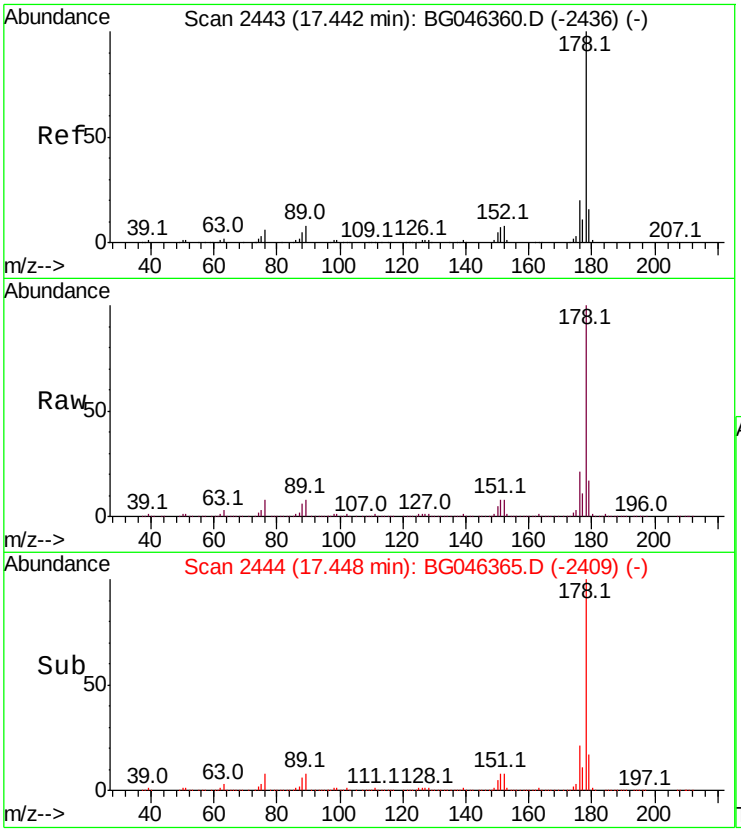


#14
Phenanthrene
Concen: 32.690 ng/ul
RT: 17.45 min Scan# 2444
Delta R.T. 0.09 min
Lab File: BG046365.D
Acq: 20 Aug 2020 4:49

Tgt Ion:178 Resp: 1196943

Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.8	19.2
176	20.9	15.8	23.8



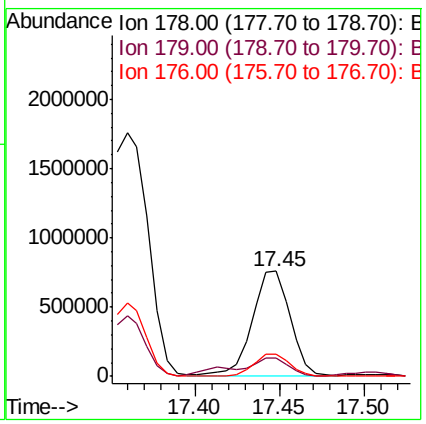


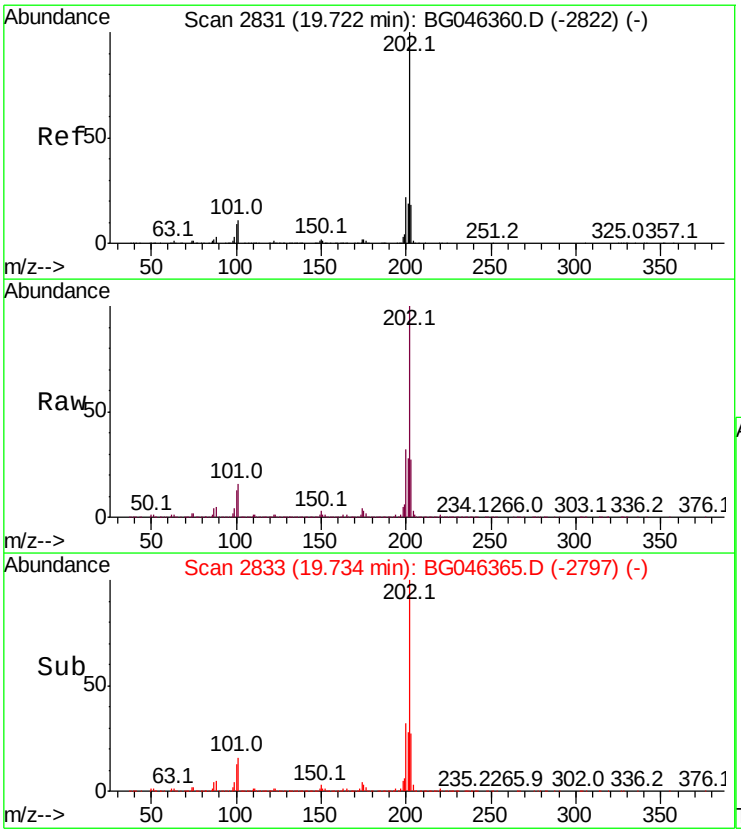
#16
Anthracene
Concen: 32.399 ng/ul
RT: 17.45 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BG046365.D
Acq: 20 Aug 2020 4:49

Instrument :
BNA_G
ClientSampleId :
BFMA2

Tgt Ion:178 Resp: 1196943

Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.2	19.8
176	20.9	15.2	22.8

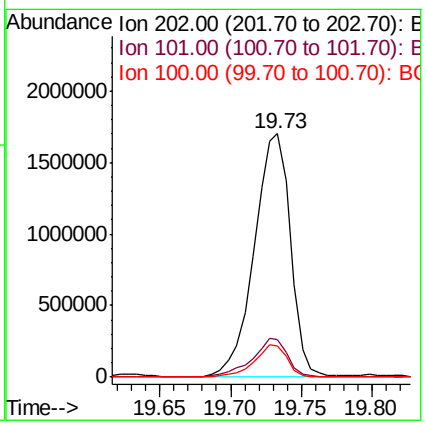


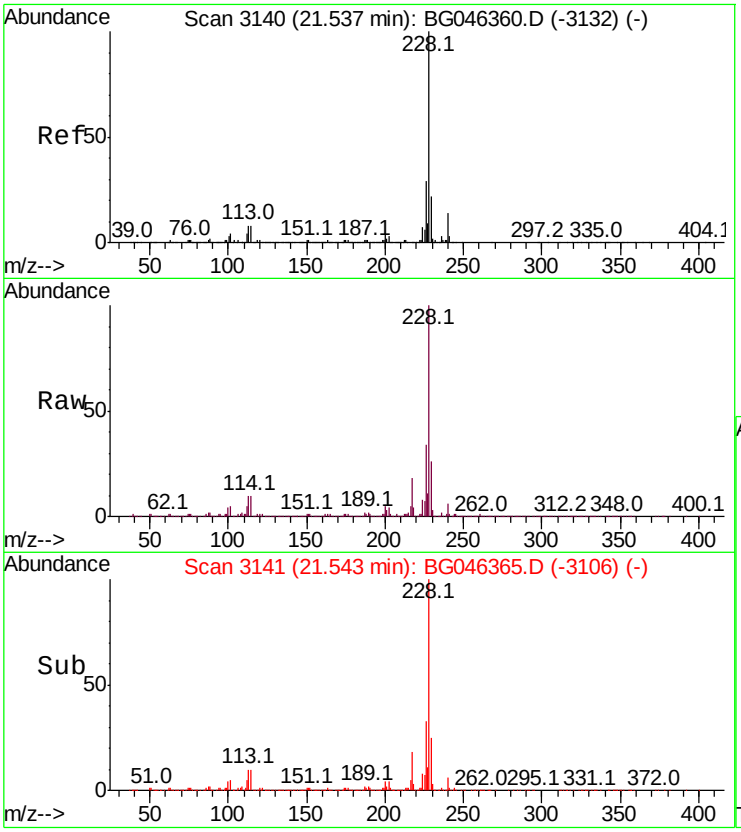


#20
Pyrene
Concen: 70.814 ng/ul
RT: 19.73 min Scan# 2833
Delta R.T. 0.01 min
Lab File: BG046365.D
Acq: 20 Aug 2020 4:49

Tgt Ion:202 Resp: 3051212

Ion	Ratio	Lower	Upper
202	100		
101	15.6	8.9	13.3#
100	12.8	7.9	11.9#



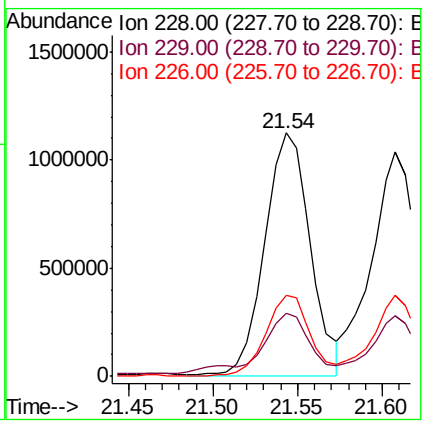


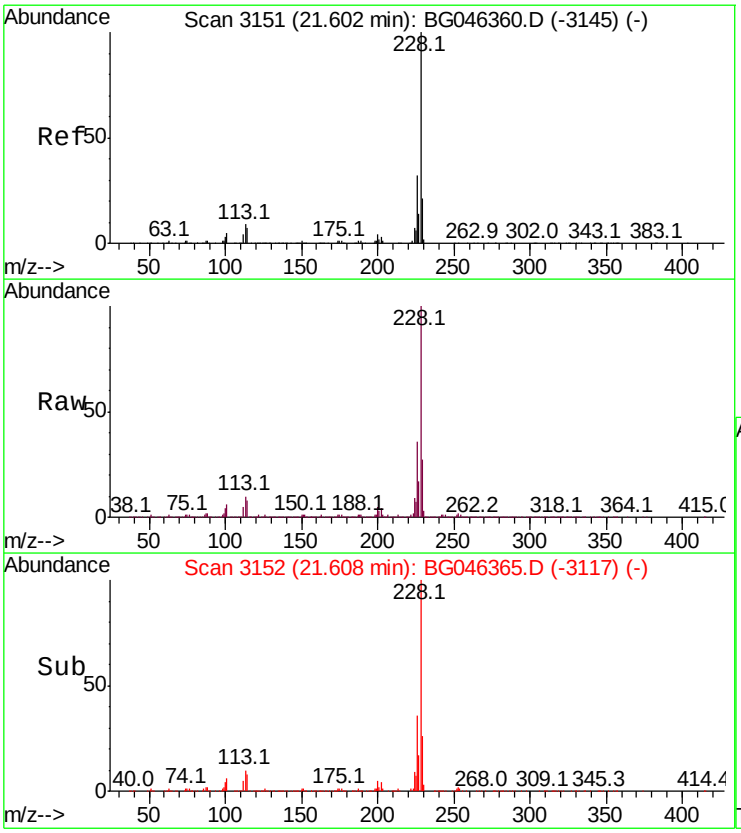
#21
Benzo(a)anthracene
Concen: 49.234 ng/ul
RT: 21.54 min Scan# 3141
Delta R.T. 0.01 min
Lab File: BG046365.D
Acq: 20 Aug 2020 4:49

Instrument :
BNA_G
ClientSampleId :
BFMA2

Tgt Ion:228 Resp: 2102715

Ion	Ratio	Lower	Upper
228	100		
229	25.8	16.6	25.0#
226	33.5	22.6	33.8

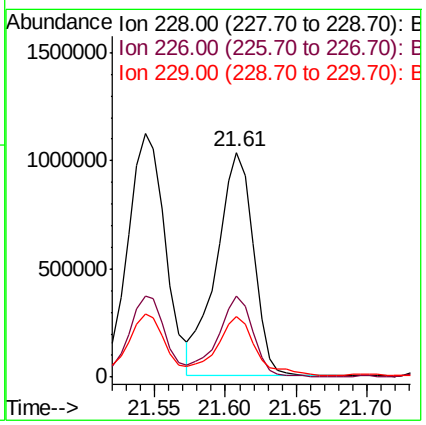


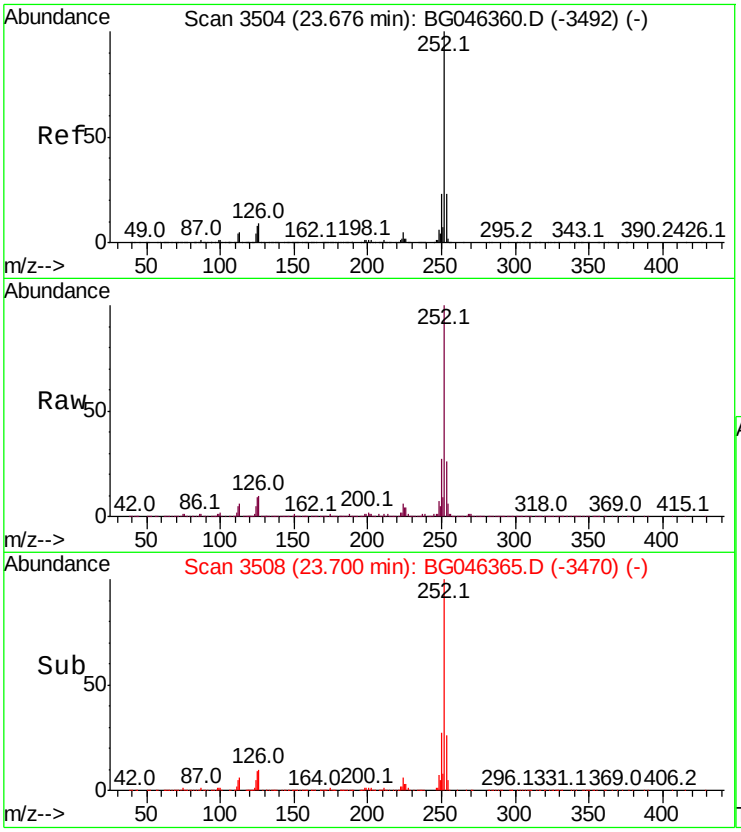


#22
Chrysene
Concen: 45.712 ng/ul
RT: 21.61 min Scan# 3152
Delta R.T. 0.01 min
Lab File: BG046365.D
Acq: 20 Aug 2020 4:49

Tgt Ion:228 Resp: 1887287

Ion	Ratio	Lower	Upper
228	100		
226	36.0	25.5	38.3
229	27.1	17.0	25.4#



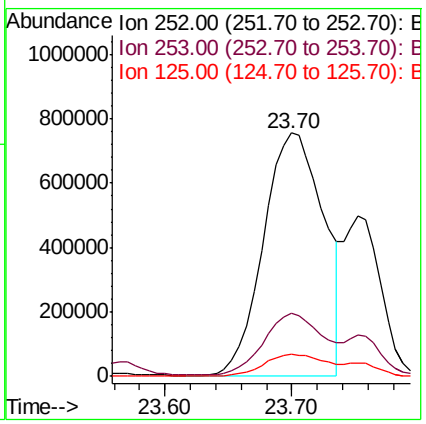


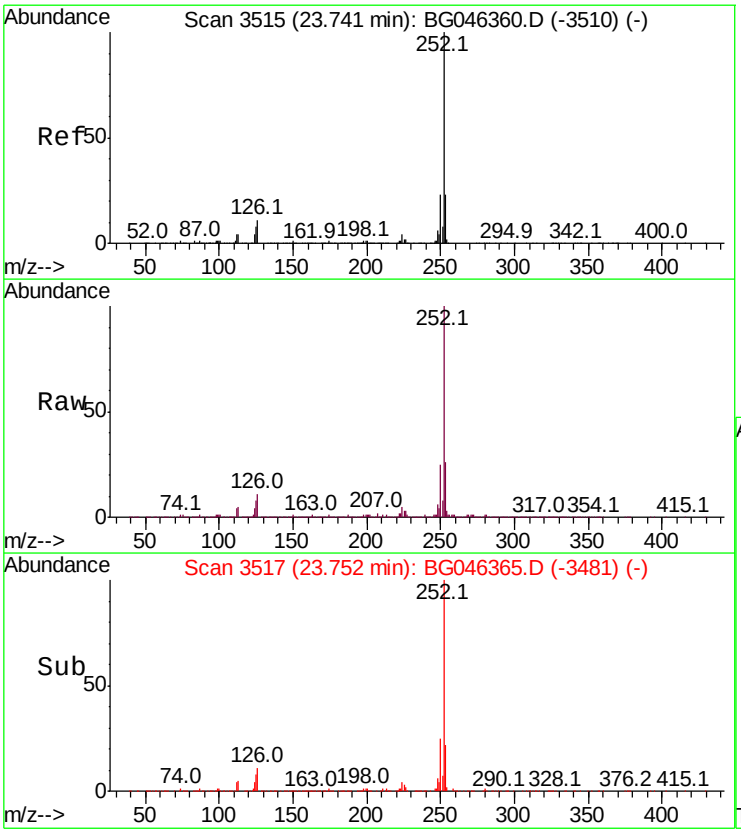
#24
Benzo(b)fluoranthene
Concen: 51.648 ng/ul
RT: 23.70 min Scan# 3508
Delta R.T. 0.02 min
Lab File: BG046365.D
Acq: 20 Aug 2020 4:49

Instrument :
BNA_G
ClientSampleId :
BFMA2

Tgt Ion:252 Resp: 2483635

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.8	26.6
125	8.9	6.4	9.6

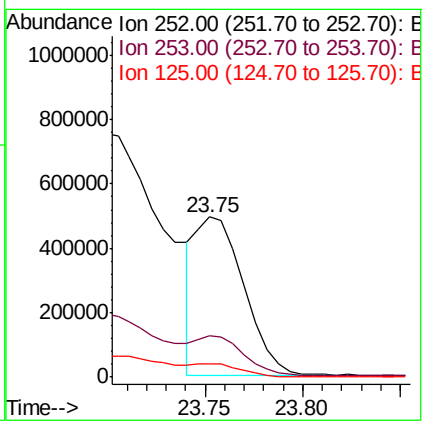


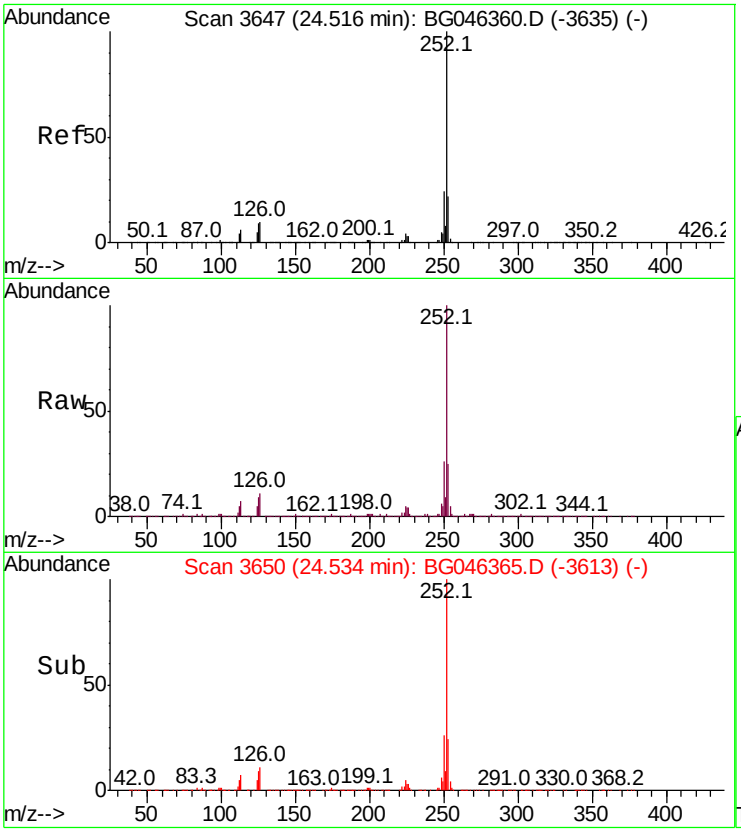


#25
Benzo(k)fluoranthene
Concen: 17.694 ng/ul
RT: 23.75 min Scan# 3517
Delta R.T. 0.01 min
Lab File: BG046365.D
Acq: 20 Aug 2020 4:49

Tgt Ion:252 Resp: 844011

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.5	27.7
125	8.2	6.2	9.2



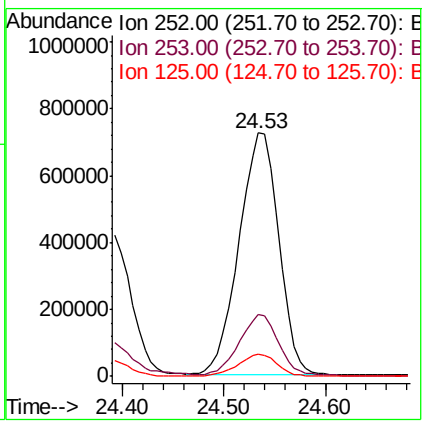


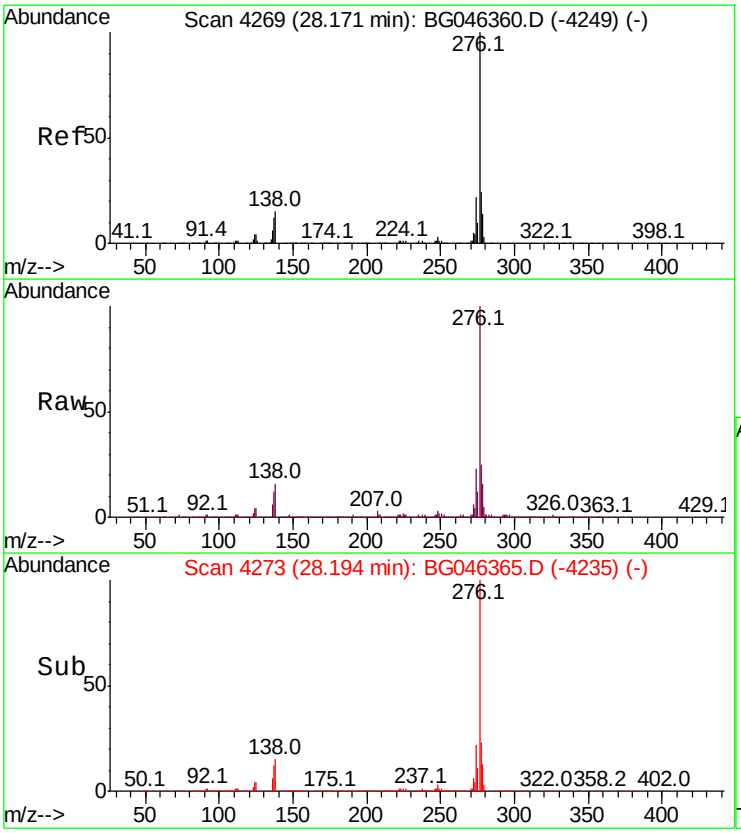
#27
Benzo(a)pyrene
Concen: 44.242 ng/ul
RT: 24.53 min Scan# 3650
Delta R.T. 0.02 min
Lab File: BG046365.D
Acq: 20 Aug 2020 4:49

Instrument :
BNA_G
ClientSampleId :
BFMA2

Tgt Ion:252 Resp: 1953172

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.8	26.8
125	9.2	7.1	10.7

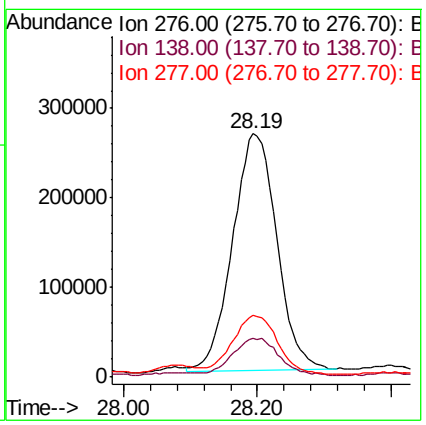


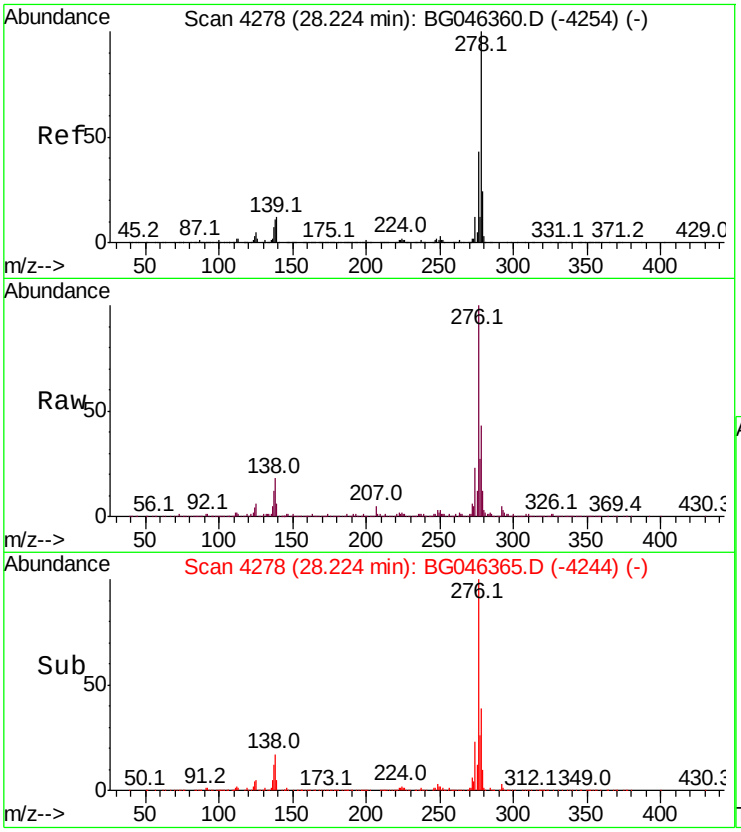


#28
Indeno(1,2,3-cd)pyrene
Concen: 21.931 ng/ul
RT: 28.19 min Scan# 4273
Delta R.T. 0.02 min
Lab File: BG046365.D
Acq: 20 Aug 2020 4:49

Tgt Ion:276 Resp: 1212287

Ion	Ratio	Lower	Upper
276	100		
138	15.9	13.2	19.8
277	25.2	19.9	29.9



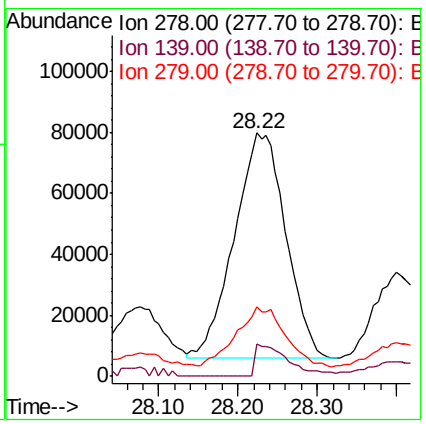


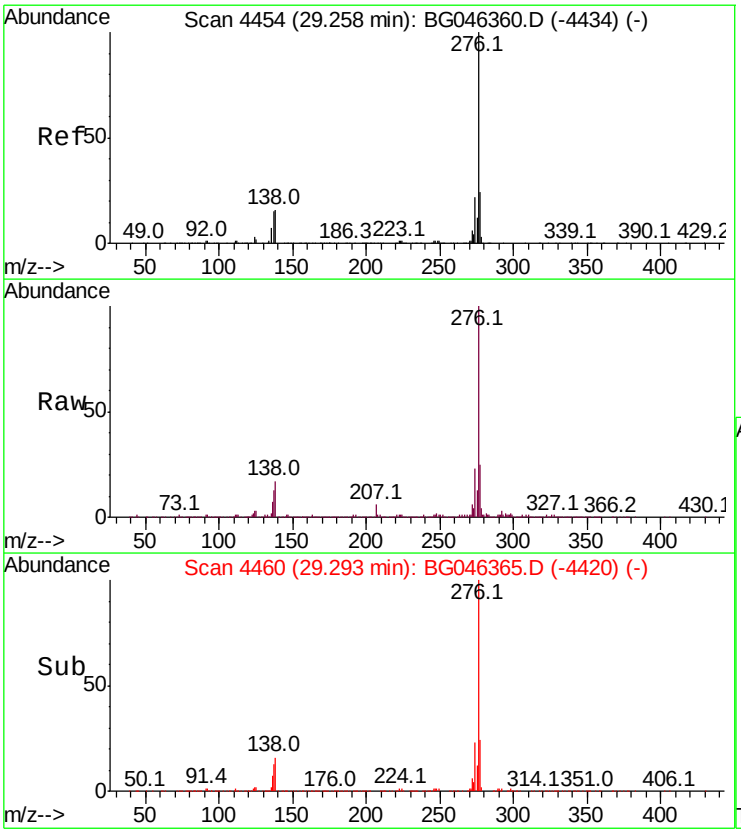
#29
Dibenzo(a,h)anthracene
Concen: 7.430 ng/ul
RT: 28.22 min Scan# 4278
Delta R.T. 0.00 min
Lab File: BG046365.D
Acq: 20 Aug 2020 4:49

Instrument :
BNA_G
ClientSampleId :
BFMA2

Tgt Ion:278 Resp: 333000

Ion	Ratio	Lower	Upper
278	100		
139	13.4	9.8	14.8
279	28.3	19.7	29.5





#30
Benzo(g,h,i)perylene
Concen: 19.109 ng/ul
RT: 29.29 min Scan# 4460
Delta R.T. 0.04 min
Lab File: BG046365.D
Acq: 20 Aug 2020 4:49

Tgt Ion:276 Resp: 884040

Ion	Ratio	Lower	Upper
276	100		
138	16.6	12.9	19.3
277	24.6	19.4	29.0