Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046430.D
Acq On : 22 Aug 2020 2:48
Operator : CG/JU
Sample : L3649-08
Misc :
ALS Vial : 94 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 22 04:32:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 22 00:58:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	93788	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	391700	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	261923	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	573792	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	542068	20.00	ng/ul	0.00
23) Perylene-d12	24.68	264	570761	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	136978	20.31	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	518558	21.51	ng/ul	0.00
10) Fluorene-d10	15.56	176	406330	22.00	ng/ul	0.00
15) Anthracene-d10	17.41	188	575694	21.64	ng/ul	0.00
19) Pyrene-d10	19.70	212	613102	21.97	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.47	264	668403	21.46	ng/ul	0.00
Target Compounds						Qvalue
9) Acenaphthene	14.63	153	33183	1.896	ng/ul	96
14) Phenanthrene	17.36	178	268802	8.515	ng/ul	100
16) Anthracene	17.44	178	139225	4.371	ng/ul	100
17) Fluoranthene	19.36	202	554199	15.745	ng/ul	99
20) Pyrene	19.73	202	637382	17.913	ng/ul	98
21) Benzo(a)anthracene	21.54	228	789078	22.373	ng/ul	95
22) Chrysene	21.54	228	784363	23.006	ng/ul	94
24) Benzo(b)fluoranthene	23.70	252	1014612	26.882	ng/ul	97
25) Benzo(k)fluoranthene	23.70	252	1014612	27.099	ng/ul	98
27) Benzo(a)pyrene	24.54	252	885009	25.541	ng/ul	95
28) Indeno(1,2,3-cd)pyrene	28.21	276	566519	13.057	ng/ul	97
29) Dibenzo(a,h)anthracene	28.25	278	181581	5.162	ng/ul#	88
30) Benzo(g,h,i)perylene	29.31	276	417154	11.488	ng/ul	98

(#) = 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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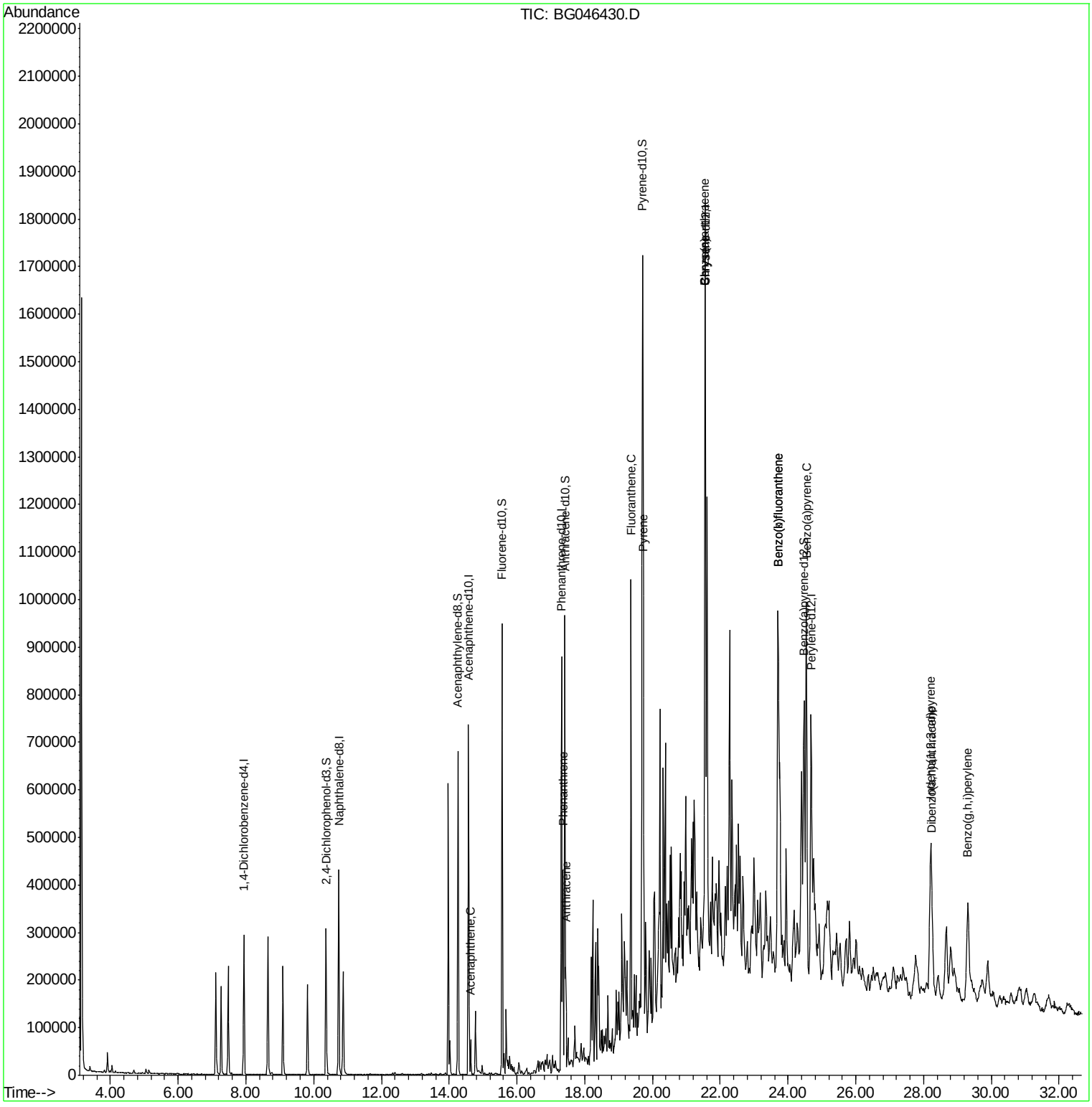
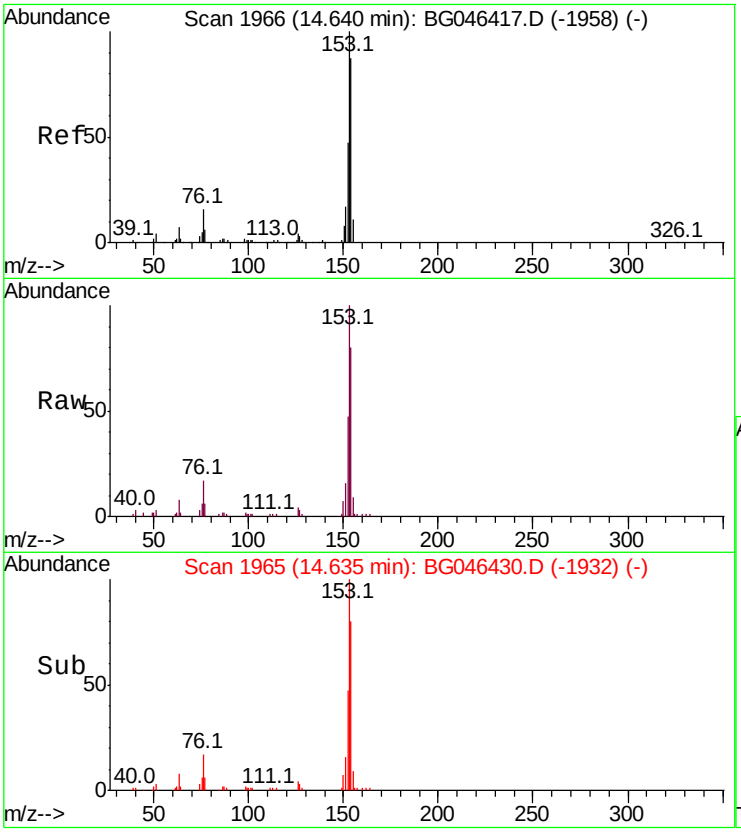
Acq On : 22 Aug 2020 2:48
Operator : CG/JU
Sample : L3649-08
Misc :
ALS Vial : 94 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 22 04:32:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 22 00:58:34 2020
Response via : Initial Calibration



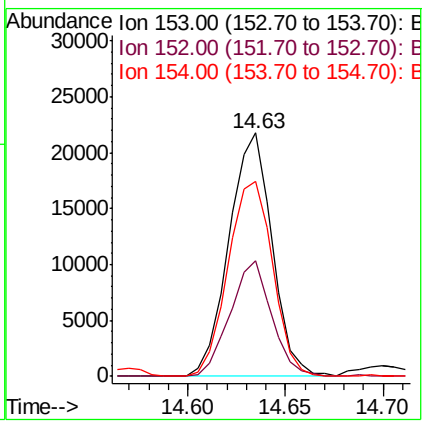


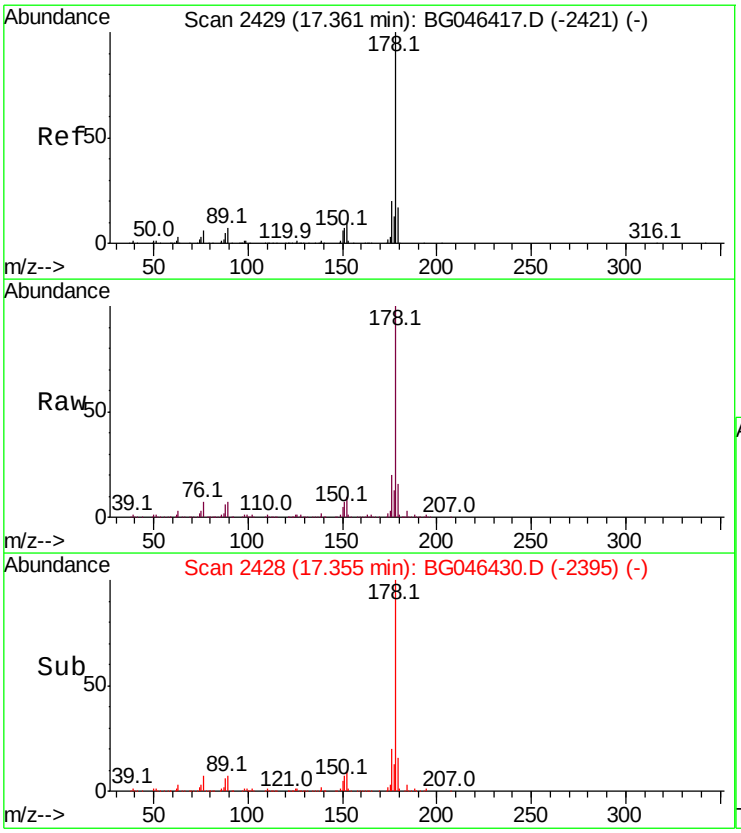
#9
Acenaphthene
Concen: 1.896 ng/ul
RT: 14.63 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG046430.D
Acq: 22 Aug 2020 2:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:153 Resp: 33183

Ion	Ratio	Lower	Upper
153	100		
152	47.5	37.2	55.8
154	80.3	67.8	101.6

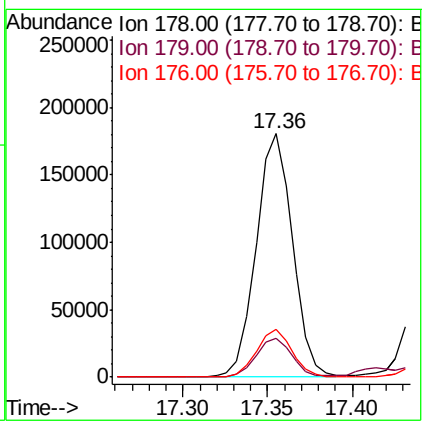


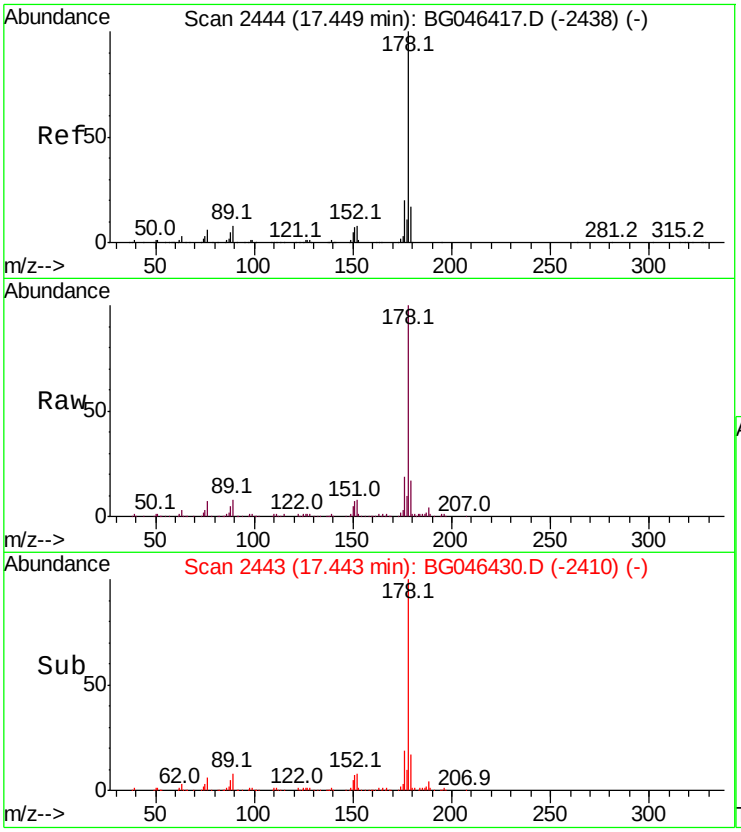


#14
Phenanthrene
Concen: 8.515 ng/ul
RT: 17.36 min Scan# 2428
Delta R.T. -0.01 min
Lab File: BG046430.D
Acq: 22 Aug 2020 2:48

Tgt Ion:178 Resp: 268802

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.8	19.2
176	19.6	15.8	23.8



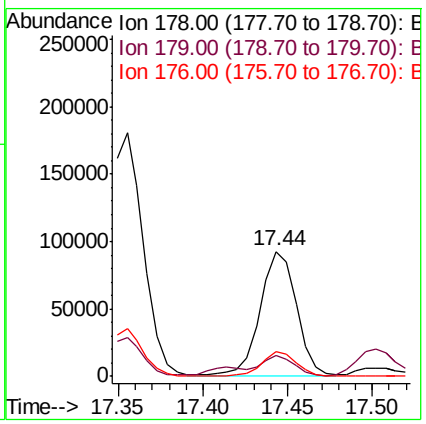


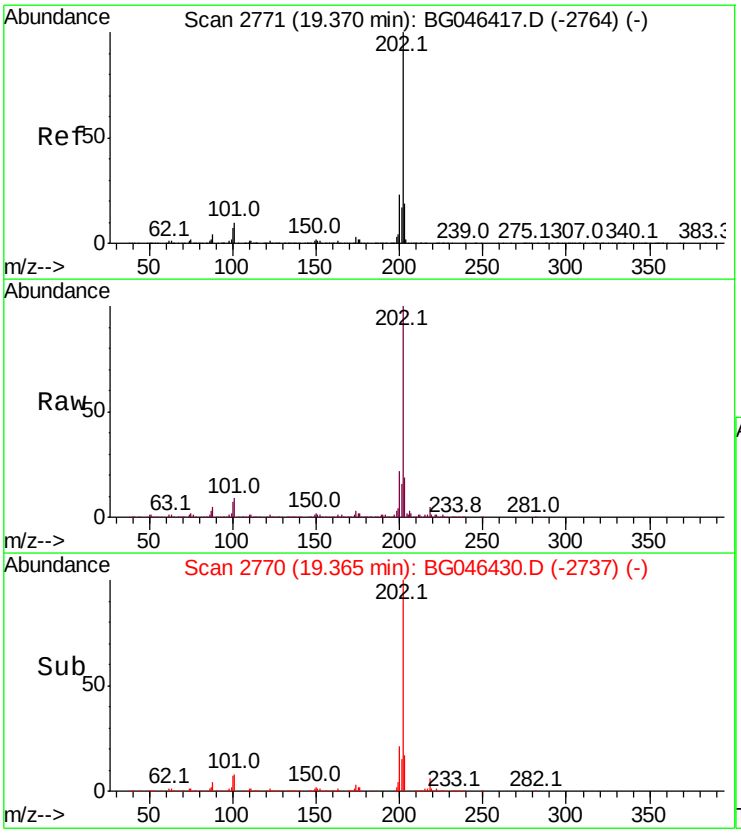
#16
Anthracene
Concen: 4.371 ng/ul
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG046430.D
Acq: 22 Aug 2020 2:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 139225

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.2	19.8
176	19.3	15.2	22.8

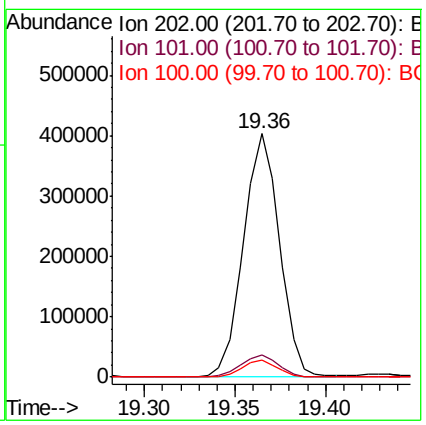


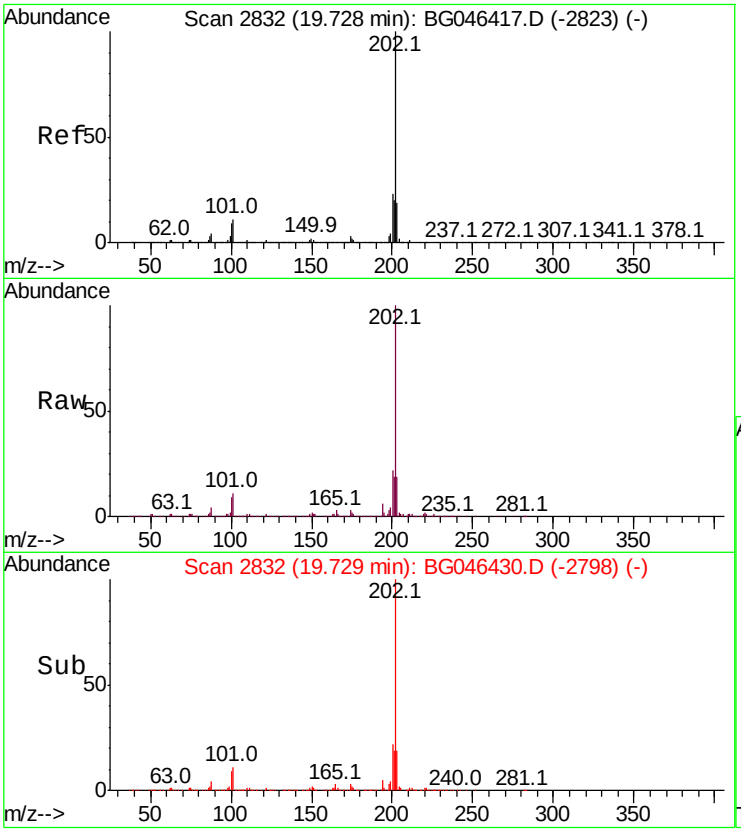


#17
Fluoranthene
Concen: 15.745 ng/ul
RT: 19.36 min Scan# 2770
Delta R.T. -0.01 min
Lab File: BG046430.D
Acq: 22 Aug 2020 2:48

Tgt Ion:202 Resp: 554199

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.8	11.6
100	7.2	5.9	8.9



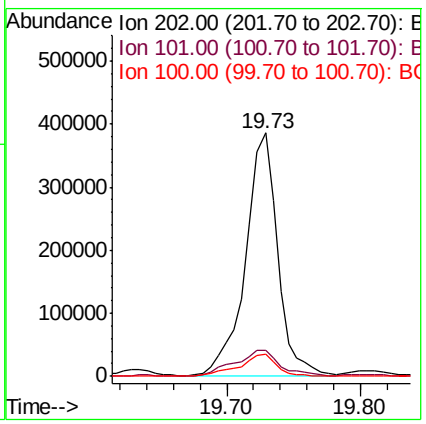


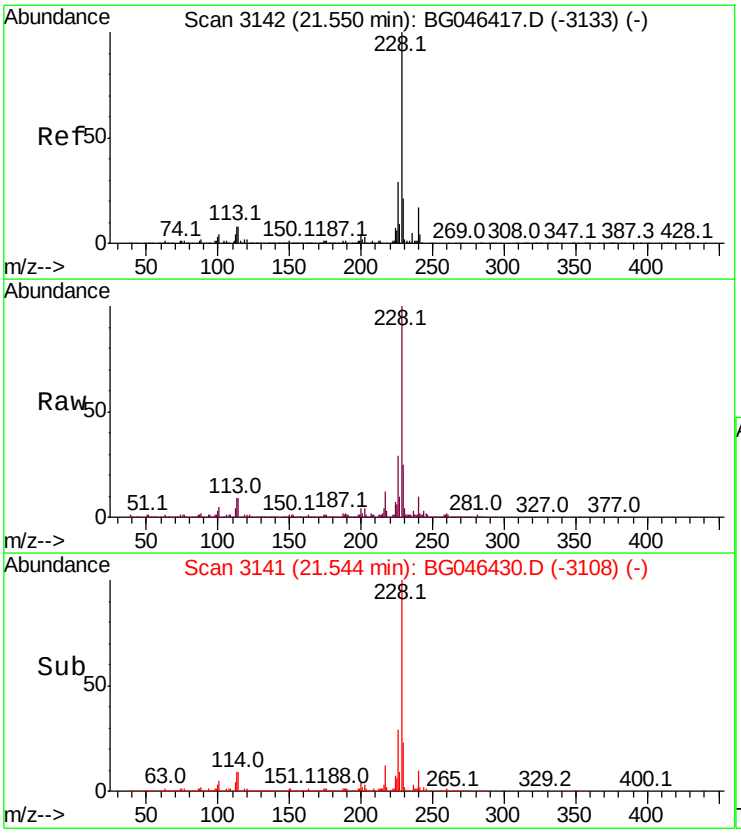
#20
Pyrene
Concen: 17.913 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BG046430.D
Acq: 22 Aug 2020 2:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 637382

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.9	13.3
100	9.1	7.9	11.9

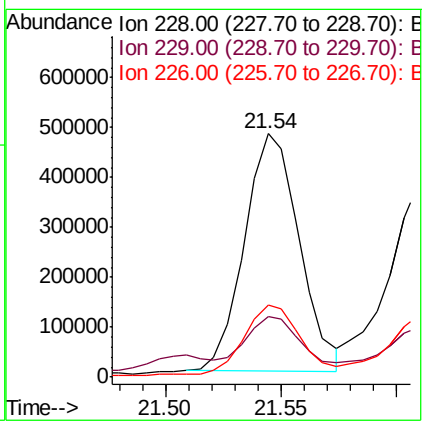


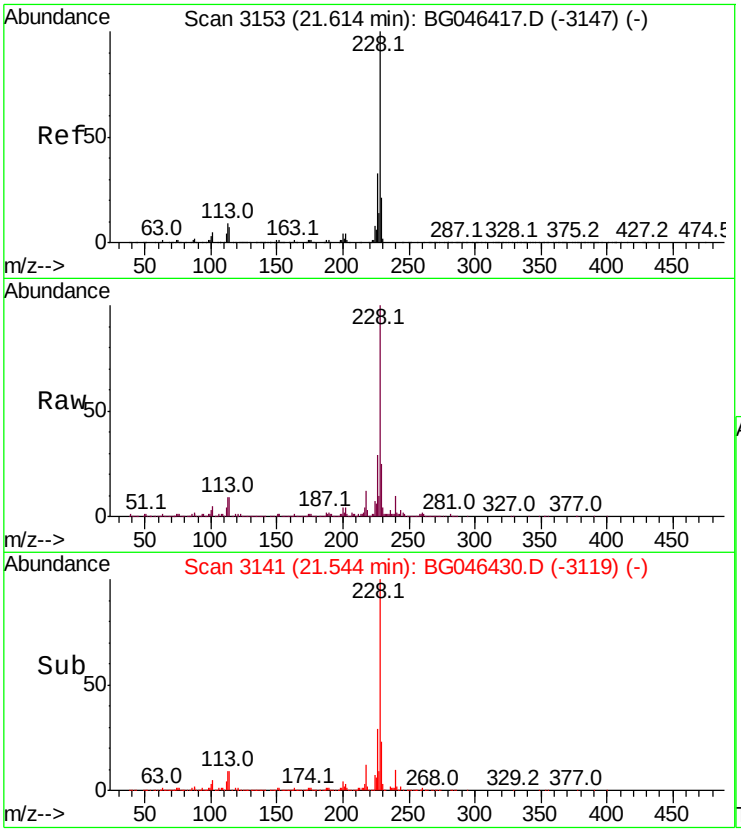


#21
Benzo(a)anthracene
Concen: 22.373 ng/ul
RT: 21.54 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG046430.D
Acq: 22 Aug 2020 2:48

Tgt Ion:228 Resp: 789078

Ion	Ratio	Lower	Upper
228	100		
229	24.7	16.6	25.0
226	29.4	22.6	33.8



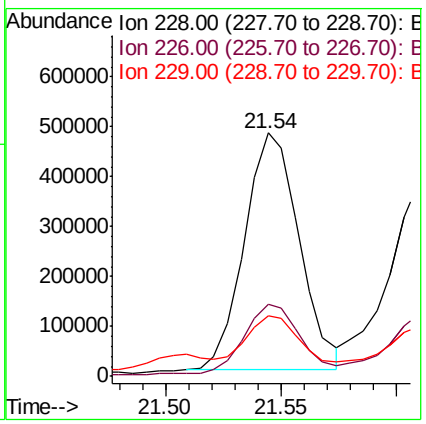


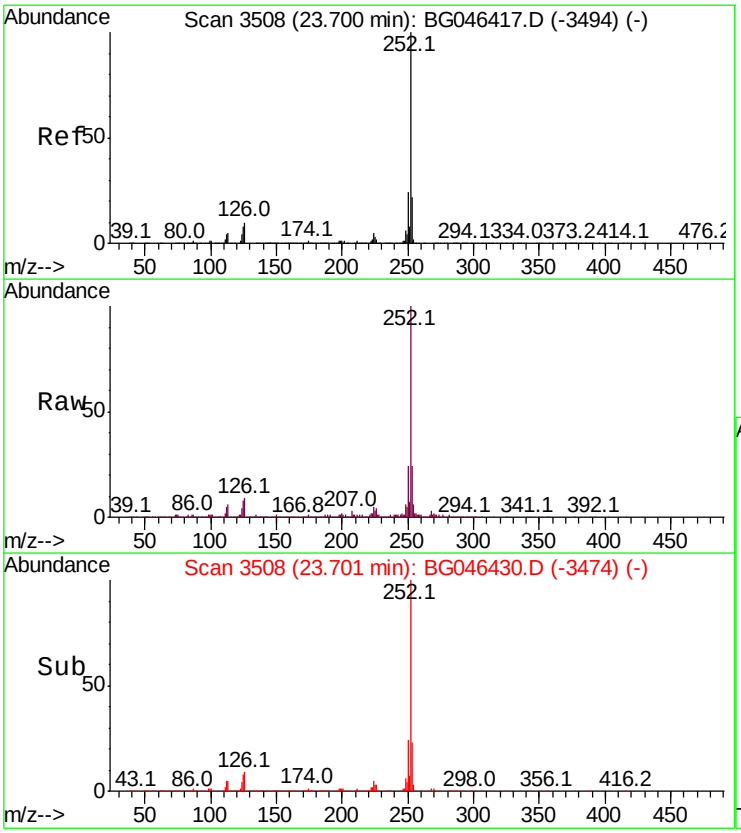
#22
Chrysene
Concen: 23.006 ng/ul
RT: 21.54 min Scan# 3141
Delta R.T. -0.07 min
Lab File: BG046430.D
Acq: 22 Aug 2020 2:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 784363

Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.5	38.3
229	24.7	17.0	25.4

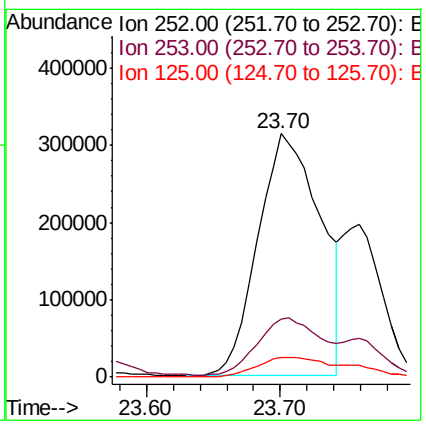


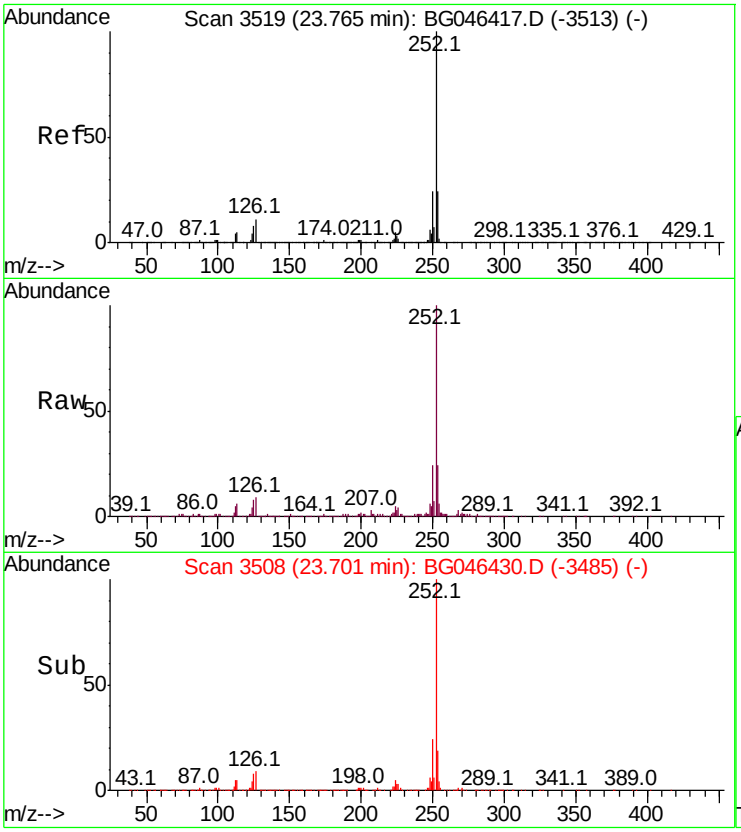


#24
Benzo(b)fluoranthene
Concen: 26.882 ng/ul
RT: 23.70 min Scan# 3508
Delta R.T. 0.00 min
Lab File: BG046430.D
Acq: 22 Aug 2020 2:48

Tgt Ion:252 Resp: 1014612

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	8.2	6.4	9.6



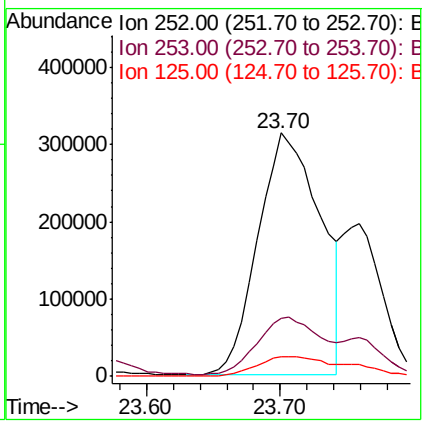


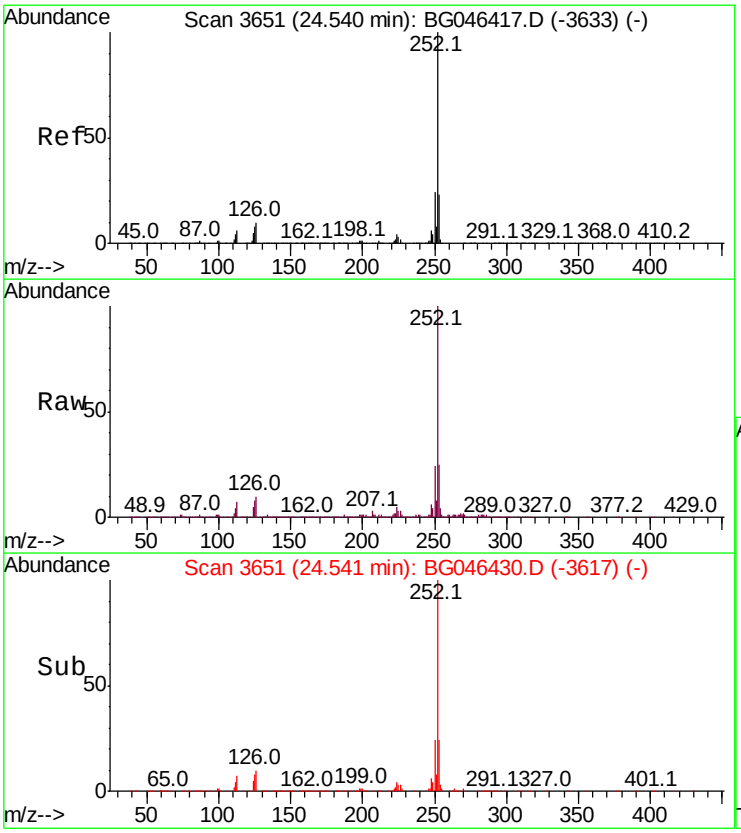
#25
Benzo(k)fluoranthene
Concen: 27.099 ng/ul
RT: 23.70 min Scan# 3508
Delta R.T. -0.06 min
Lab File: BG046430.D
Acq: 22 Aug 2020 2:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 1014612

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.5	27.7
125	8.2	6.2	9.2

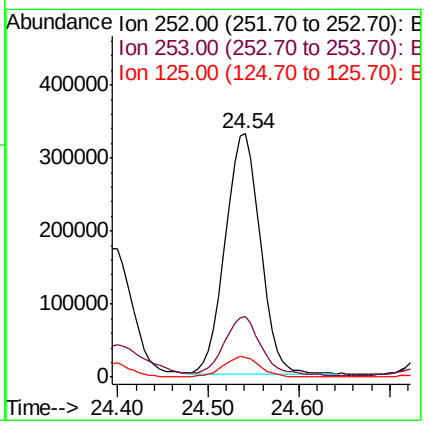


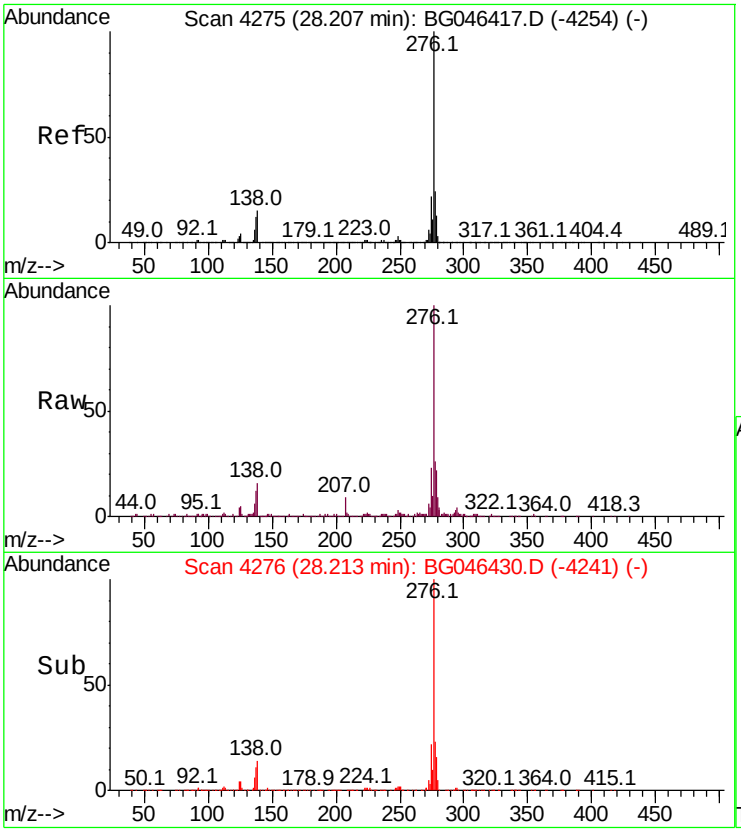


#27
Benzo(a)pyrene
Concen: 25.541 ng/ul
RT: 24.54 min Scan# 3651
Delta R.T. 0.00 min
Lab File: BG046430.D
Acq: 22 Aug 2020 2:48

Tgt Ion:252 Resp: 885009

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.8
125	8.3	7.1	10.7



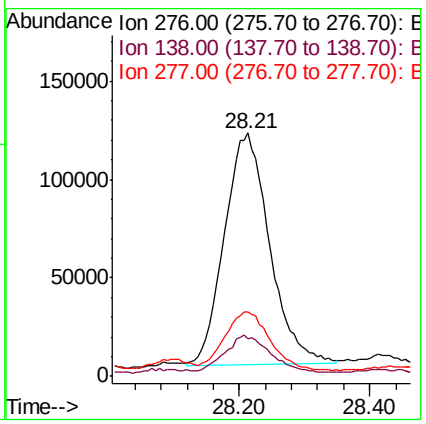


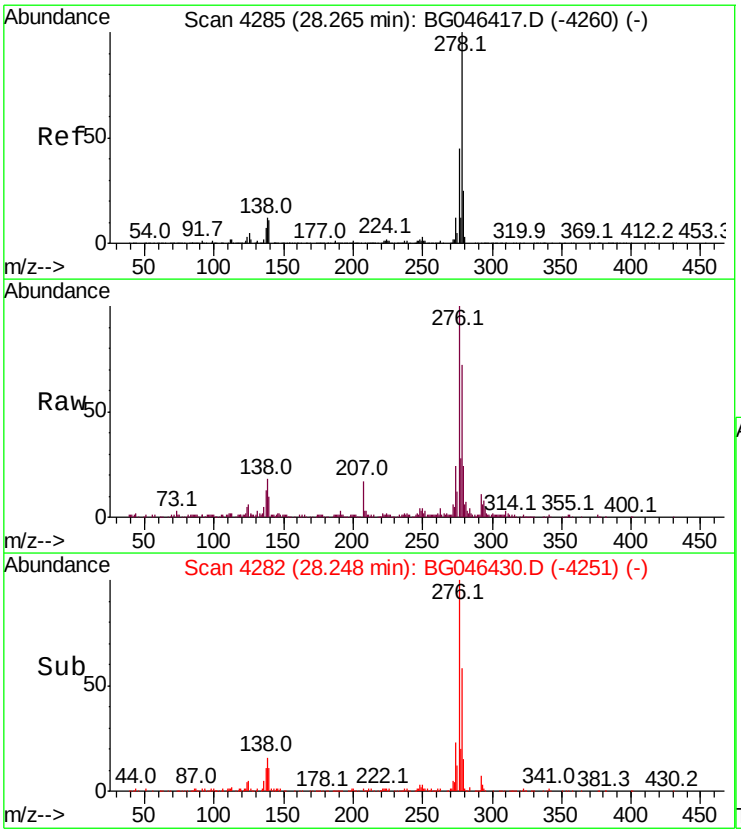
#28
Indeno(1,2,3-cd)pyrene
Concen: 13.057 ng/ul
RT: 28.21 min Scan# 4276
Delta R.T. 0.01 min
Lab File: BG046430.D
Acq: 22 Aug 2020 2:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 566519

Ion	Ratio	Lower	Upper
276	100		
138	15.6	13.2	19.8
277	26.4	19.9	29.9

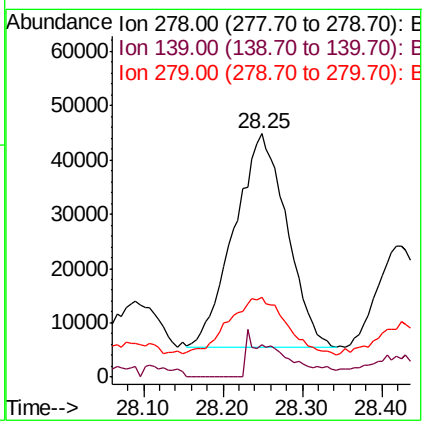


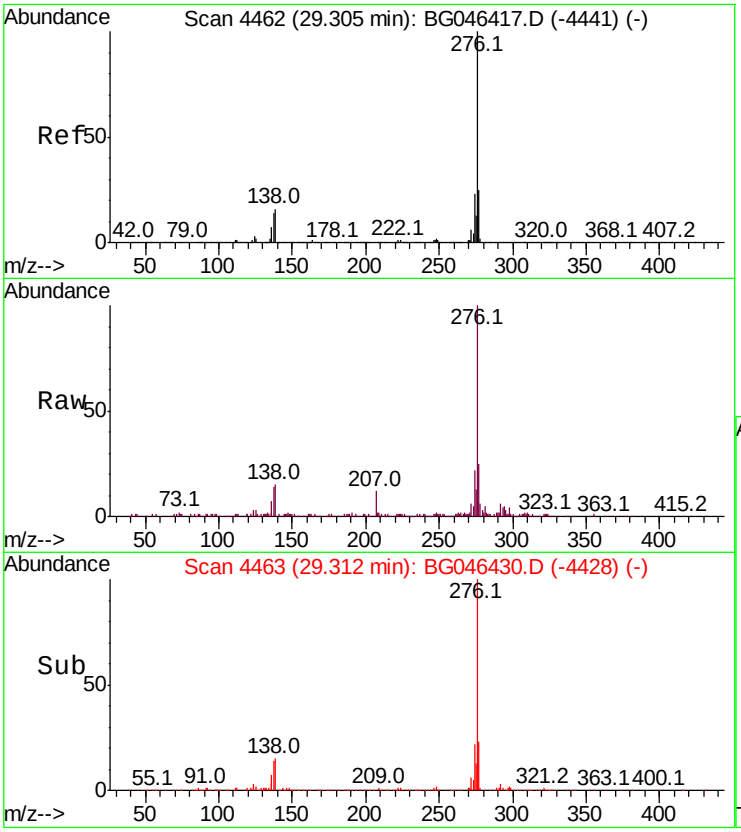


#29
Dibenzo(a,h)anthracene
Concen: 5.162 ng/ul
RT: 28.25 min Scan# 4282
Delta R.T. -0.02 min
Lab File: BG046430.D
Acq: 22 Aug 2020 2:48

Tgt Ion:278 Resp: 181581

Ion	Ratio	Lower	Upper
278	100		
139	13.5	9.8	14.8
279	32.9	19.7	29.5#





#30
Benzo(g,h,i)perylene
Concen: 11.488 ng/ul
RT: 29.31 min Scan# 4463
Delta R.T. 0.01 min
Lab File: BG046430.D
Acq: 22 Aug 2020 2:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 417154

Ion	Ratio	Lower	Upper
276	100		
138	15.5	12.9	19.3
277	25.3	19.4	29.0