Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031317\
Data File : BG026217.D
Acq On : 13 Mar 2017 18:30
Operator : SJ/MA
Sample : I2217-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 15 05:54:51 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 05:51:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	71852	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	366341	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	231409	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	557527	20.00	ng/ul	0.00
18) Chrysene-d12	21.63	240	586582	20.00	ng/ul	0.00
23) Perylene-d12	24.82	264	547370	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	65104	12.00	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	412455	20.90	ng/ul	0.00
10) Fluorene-d10	15.65	176	304337	21.15	ng/ul	0.00
15) Anthracene-d10	17.49	188	467871	18.88	ng/ul	0.00
19) Pyrene-d10	19.77	212	508294	16.98	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	467088	19.79	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.91	128	65465	3.65	ng/ul	98
5) 2-Methylnaphthalene	12.50	142	24674	1.86	ng/ul	96
9) Acenaphthene	14.72	153	46036	3.23	ng/ul	96
11) Fluorene	15.70	166	76251	4.74	ng/ul	97
14) Phenanthrene	17.43	178	958646	32.45	ng/ul	98
16) Anthracene	17.52	178	207958	6.97	ng/ul	98
17) Fluoranthene	19.44	202	1063710	34.68	ng/ul	99
20) Pyrene	19.79	202	869774	23.29	ng/ul	100
21) Benzo(a)anthracene	21.62	228	471129	14.43	ng/ul	98
22) Chrysene	21.68	228	417248	13.70	ng/ul	98
24) Benzo(b)fluoranthene	23.81	252	515523	16.59	ng/ul	98
25) Benzo(k)fluoranthene	23.81	252	515523	17.37	ng/ul	97
27) Benzo(a)pyrene	24.67	252	337327	11.68	ng/ul#	96
28) Indeno(1,2,3-cd)pyrene	28.44	276	222882	6.93	ng/ul	98
29) Dibenzo(a,h)anthracene	28.48	278	59667	2.36	ng/ul	98
30) Benzo(g,h,i)perylene	29.56	276	80428	2.93	ng/ul	91

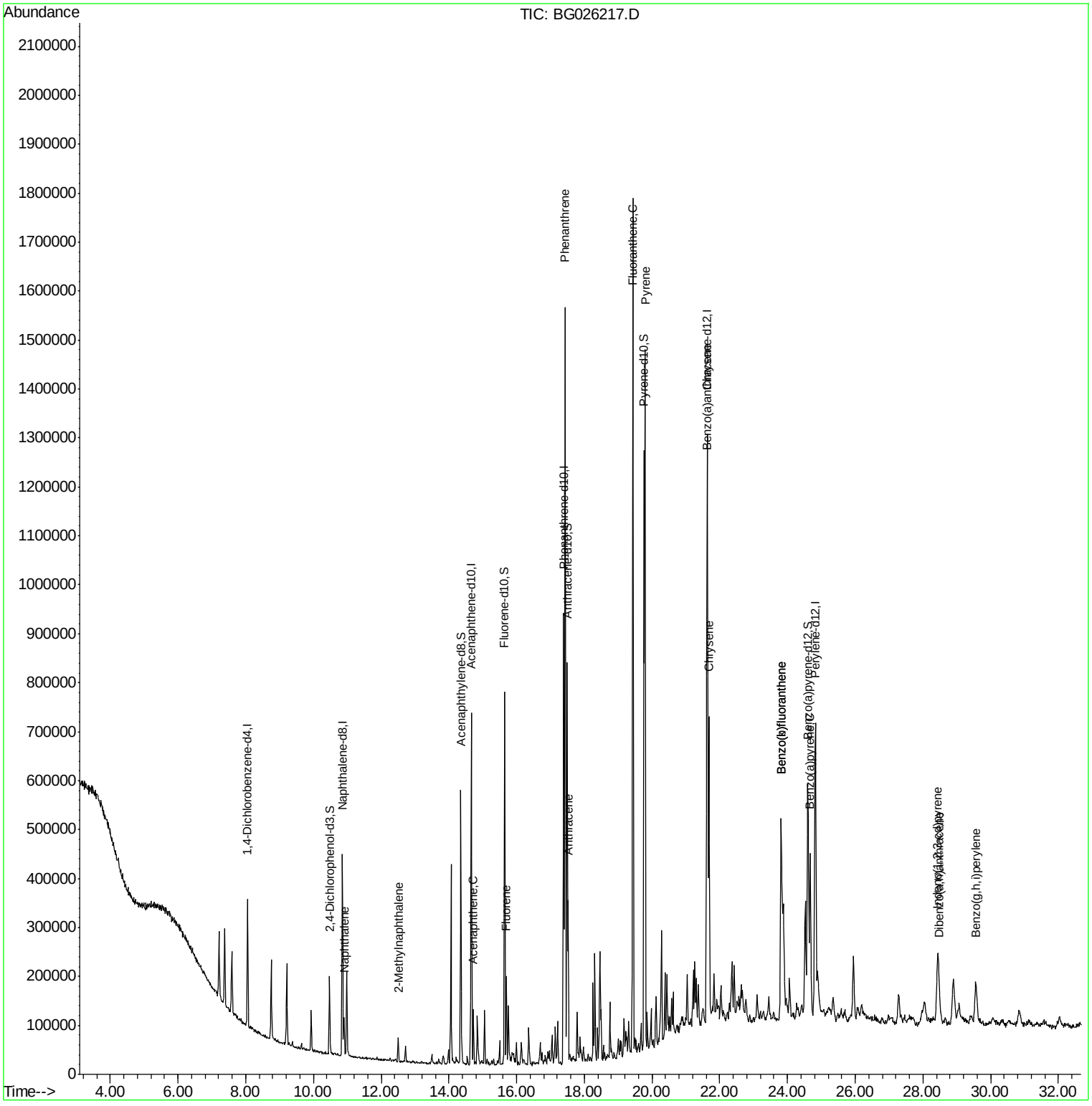
(#) = qualifier out of range (m) = manual integration (+) = signals summed

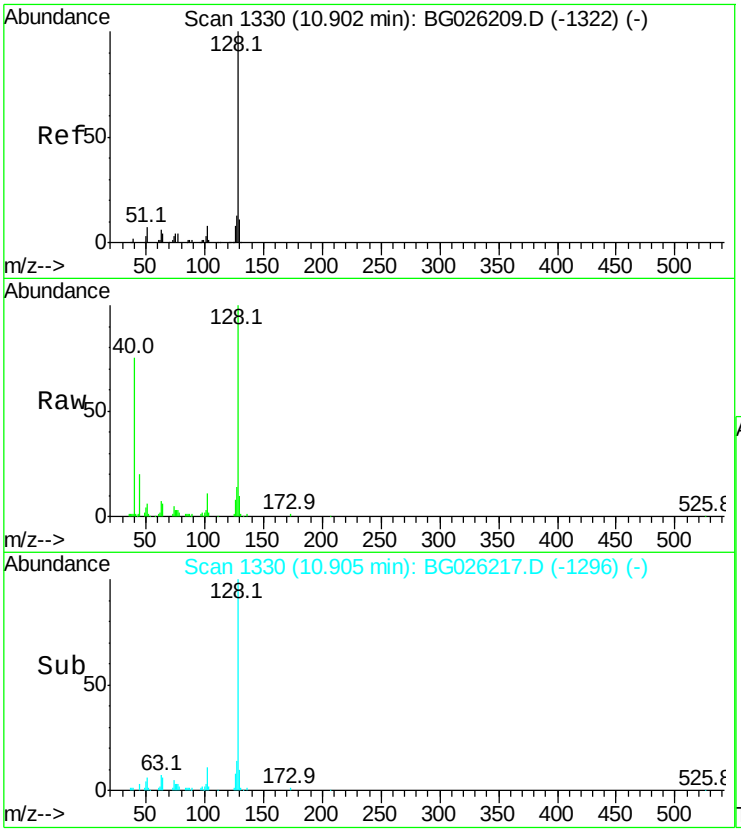
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031317\
Data File : BG026217.D
Acq On : 13 Mar 2017 18:30
Operator : SJ/MA
Sample : I2217-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 15 05:54:51 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 05:51:09 2017
Response via : Initial Calibration



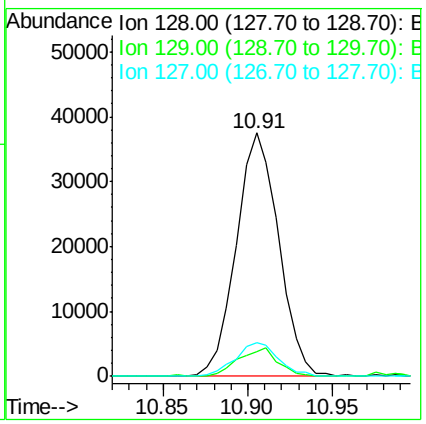


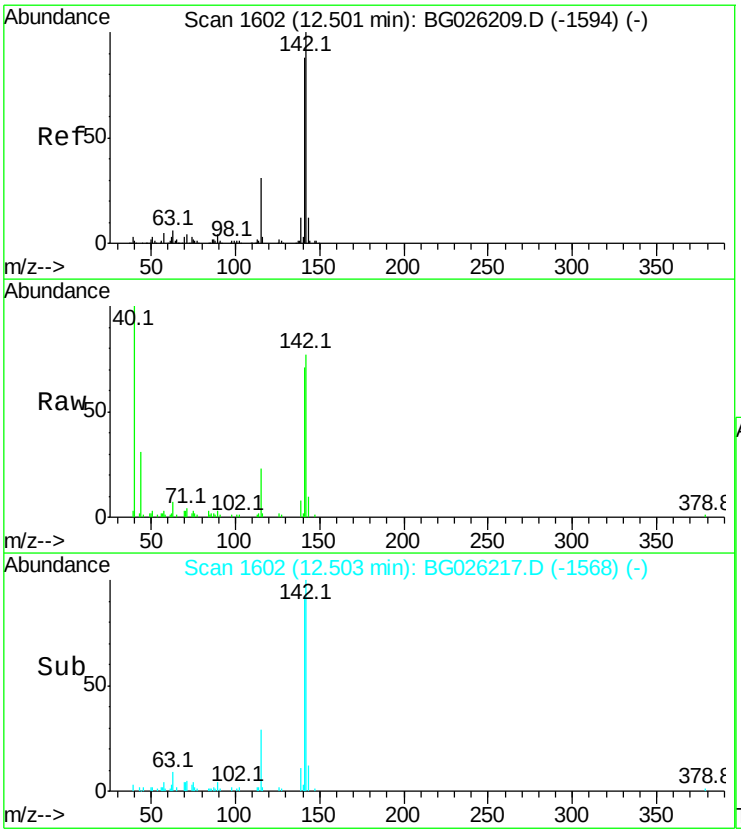
#4
Naphthalene
Concen: 3.65 ng/ul
RT: 10.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BG026217.D
Acq: 13 Mar 2017 18:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 65465

Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.1	13.7
127	14.0	10.6	15.8

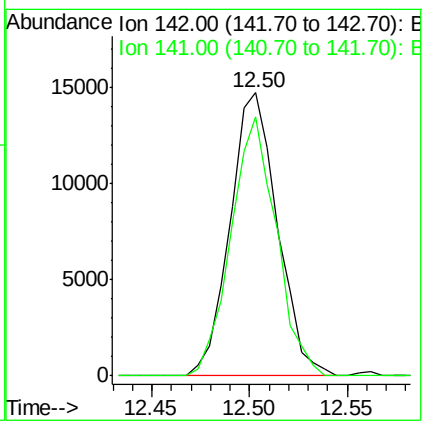


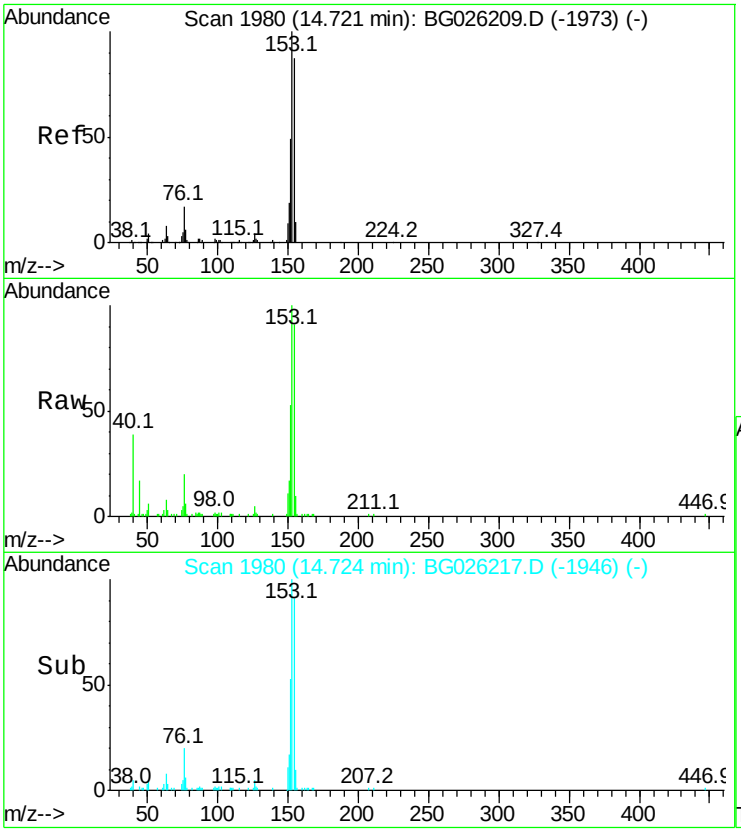


#5
2-Methylnaphthalene
Concen: 1.86 ng/ul
RT: 12.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BG026217.D
Acq: 13 Mar 2017 18:30

Tgt Ion:142 Resp: 24674

Ion	Ratio	Lower	Upper
142	100		
141	91.3	69.8	104.8



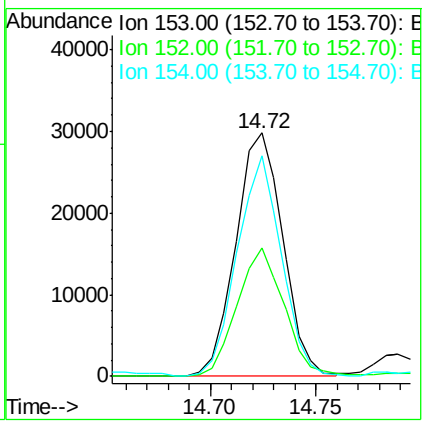


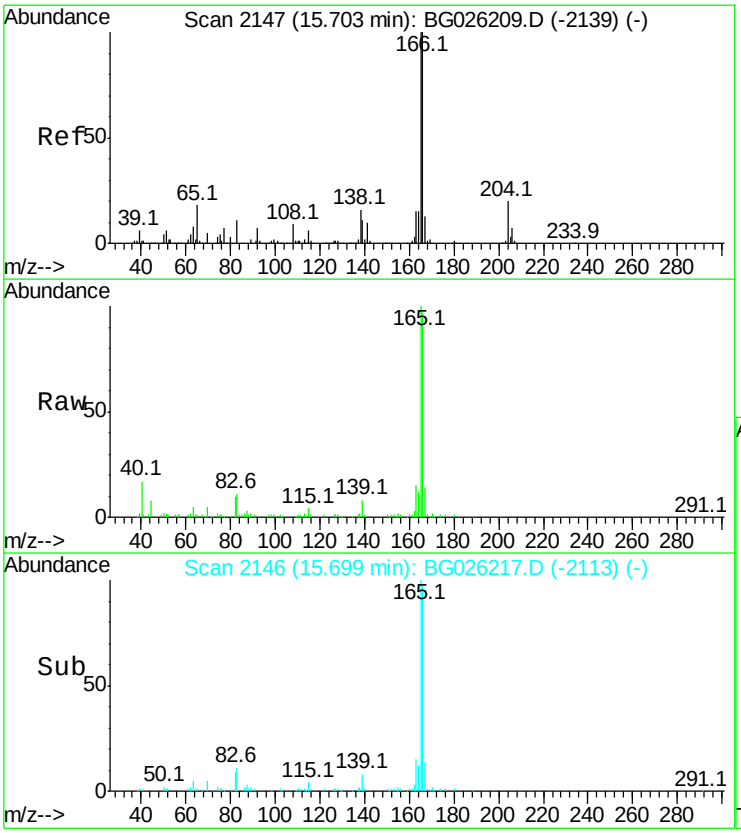
#9
Acenaphthene
Concen: 3.23 ng/ul
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG026217.D
Acq: 13 Mar 2017 18:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:153 Resp: 46036

Ion	Ratio	Lower	Upper
153	100		
152	53.0	37.9	56.9
154	90.8	71.6	107.4

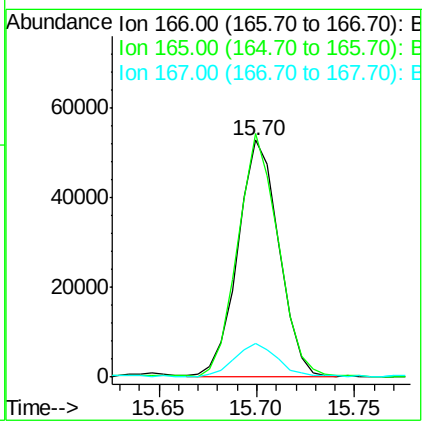


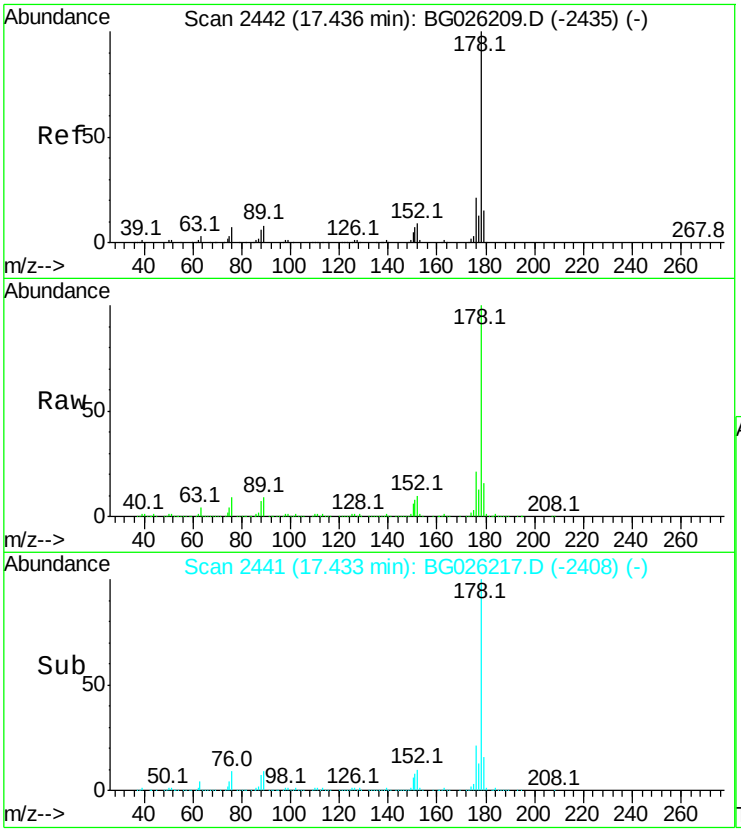


#11
Fluorene
Concen: 4.74 ng/ul
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG026217.D
Acq: 13 Mar 2017 18:30

Tgt Ion:166 Resp: 76251

Ion	Ratio	Lower	Upper
166	100		
165	102.8	80.0	120.0
167	14.3	11.6	17.4



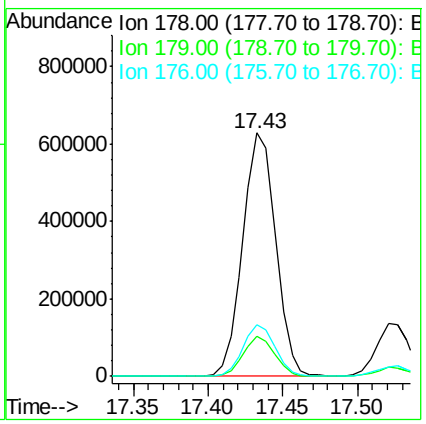


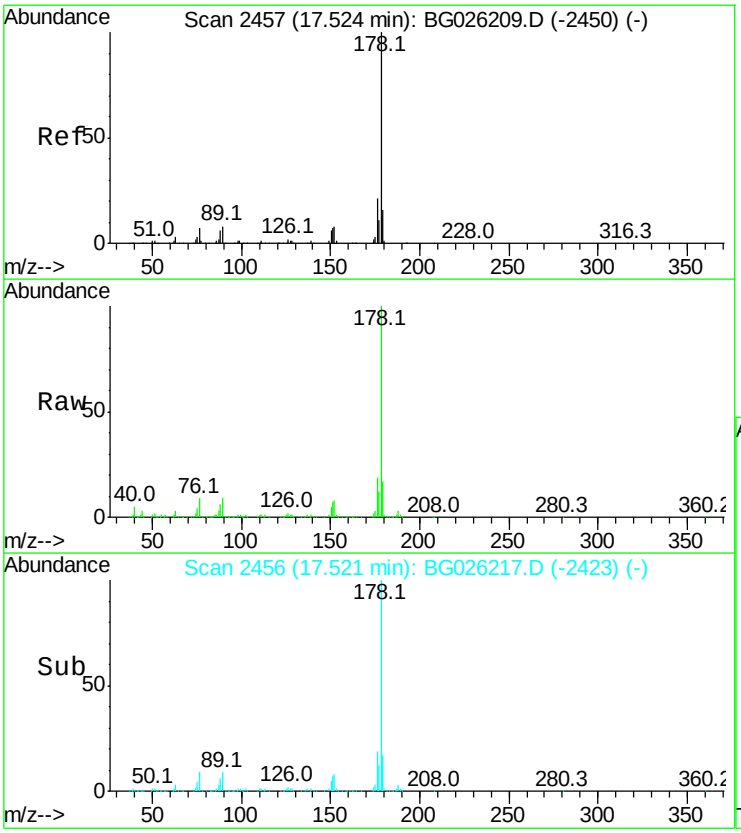
#14
Phenanthrene
Concen: 32.45 ng/ul
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG026217.D
Acq: 13 Mar 2017 18:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 958646

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.2	18.4
176	21.0	16.4	24.6

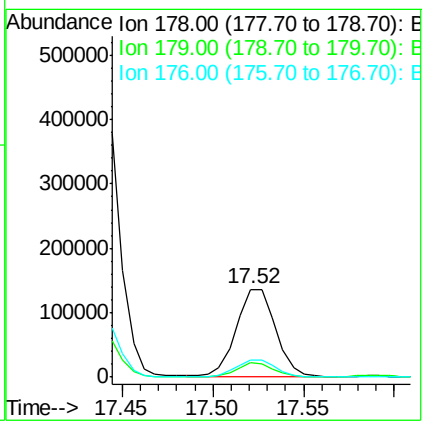


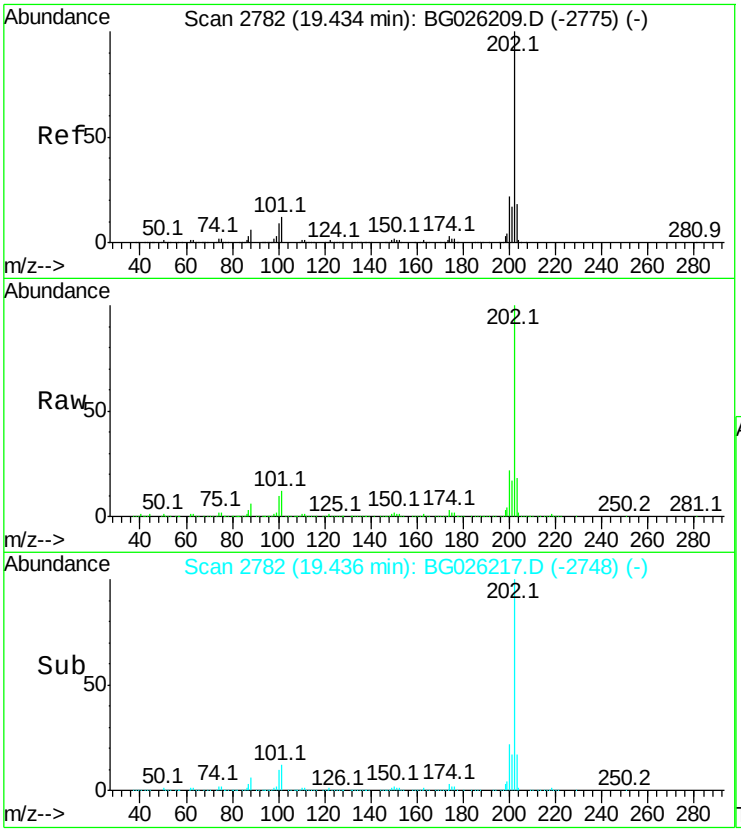


#16
Anthracene
Concen: 6.97 ng/ul
RT: 17.52 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BG026217.D
Acq: 13 Mar 2017 18:30

Tgt Ion:178 Resp: 207958

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.7	19.1
176	18.9	15.8	23.8



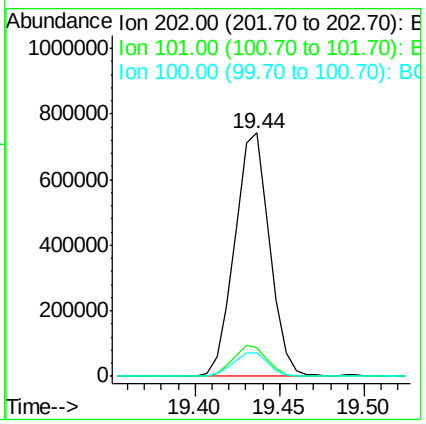


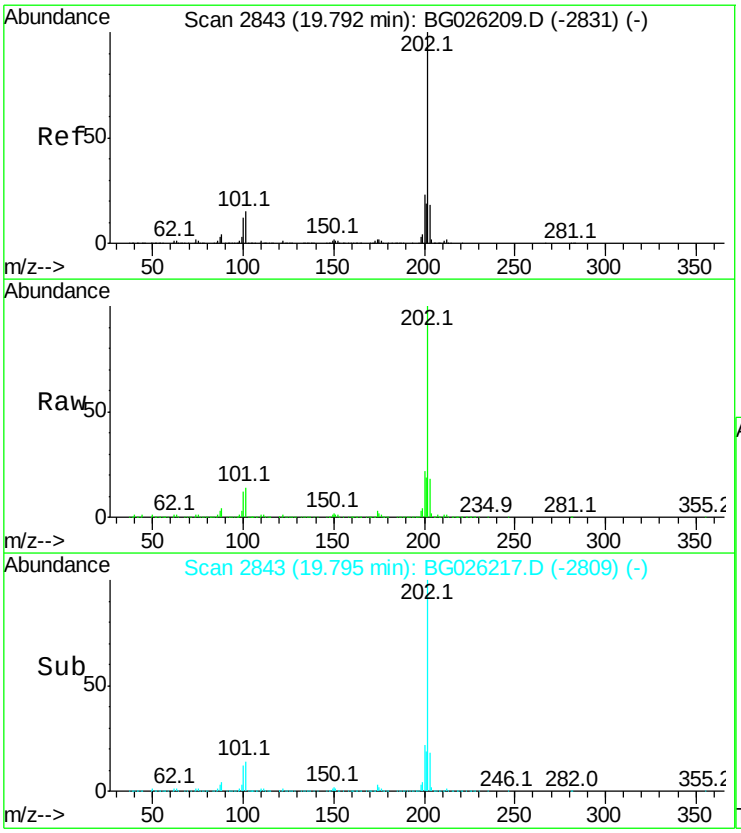
#17
Fluoranthene
Concen: 34.68 ng/ul
RT: 19.44 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BG026217.D
Acq: 13 Mar 2017 18:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 1063710

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.8	14.8
100	9.8	7.5	11.3

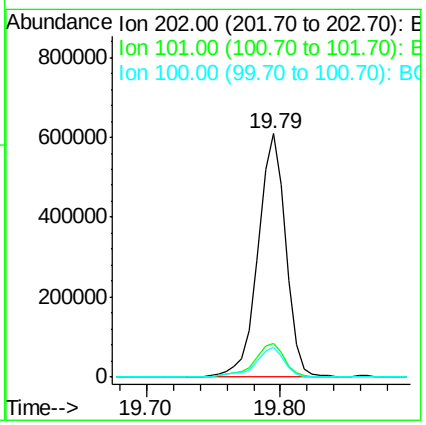


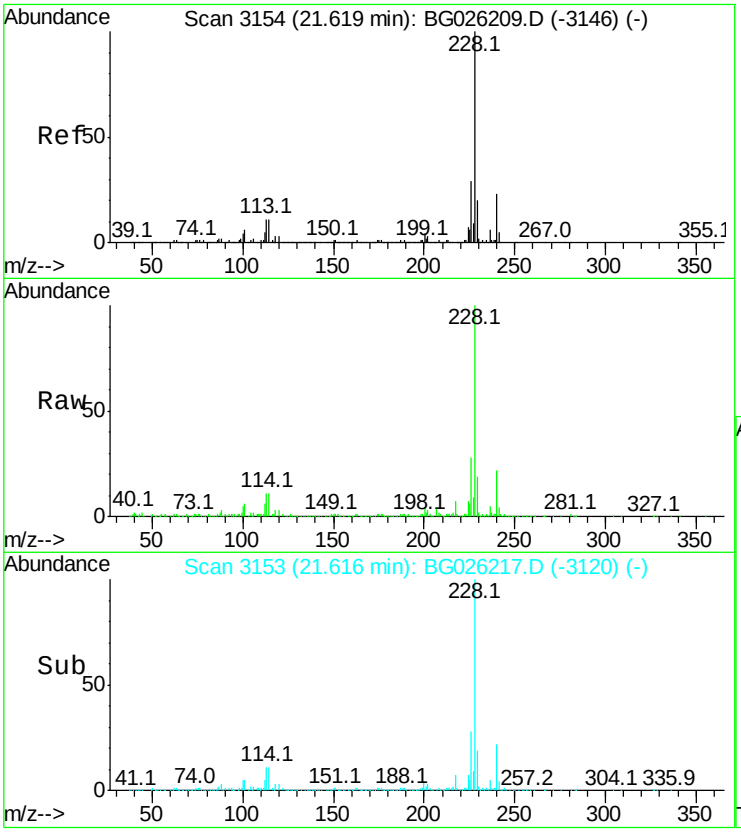


#20
Pyrene
Concen: 23.29 ng/ul
RT: 19.79 min Scan# 2843
Delta R.T. 0.00 min
Lab File: BG026217.D
Acq: 13 Mar 2017 18:30

Tgt Ion:202 Resp: 869774

Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.2	16.8
100	12.2	9.8	14.6



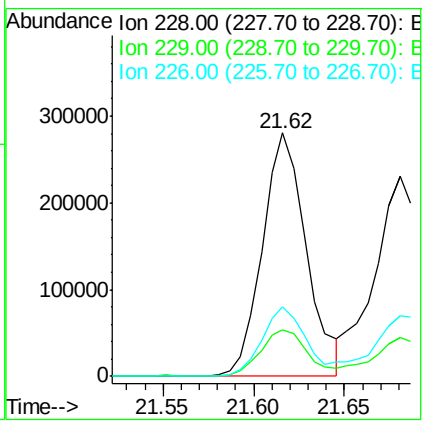


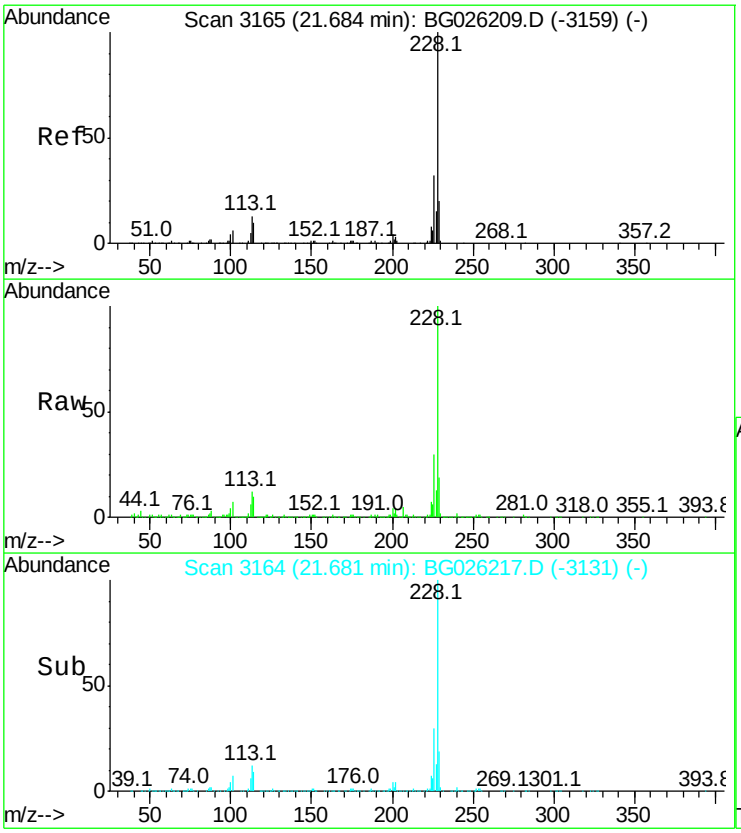
#21
Benzo(a)anthracene
Concen: 14.43 ng/ul
RT: 21.62 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG026217.D
Acq: 13 Mar 2017 18:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 471129

Ion	Ratio	Lower	Upper
228	100		
229	19.1	15.9	23.9
226	28.4	22.1	33.1

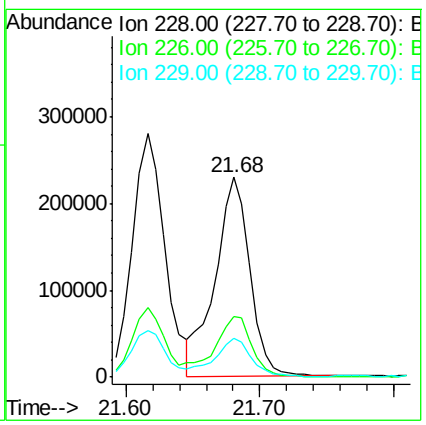


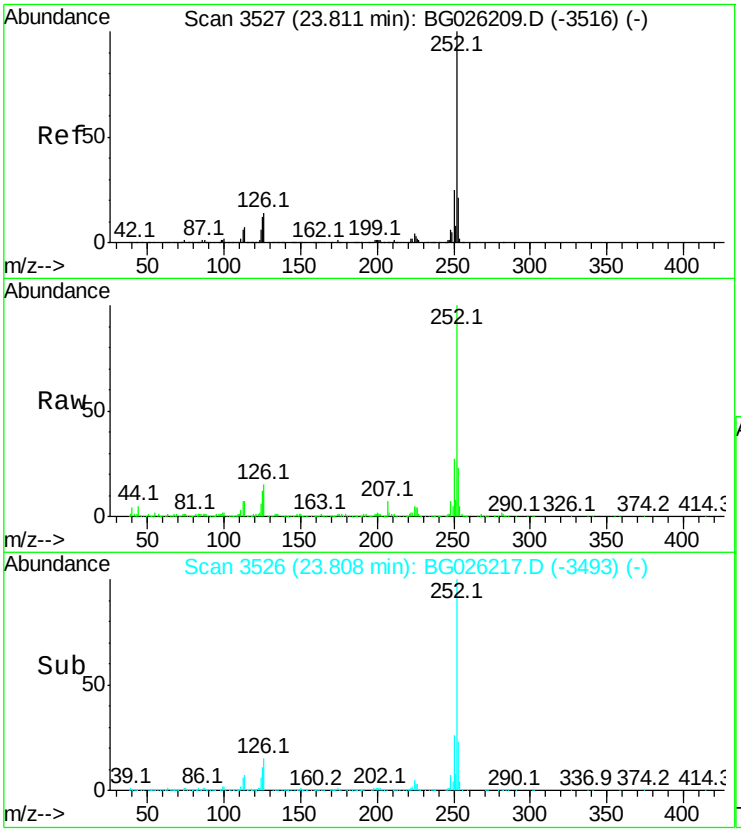


#22
Chrysene
Concen: 13.70 ng/ul
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG026217.D
Acq: 13 Mar 2017 18:30

Tgt Ion:228 Resp: 417248

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	19.4	16.6	25.0



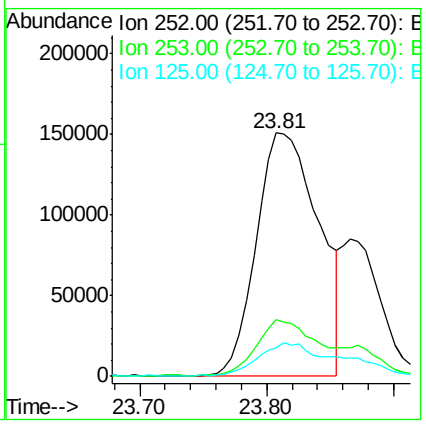


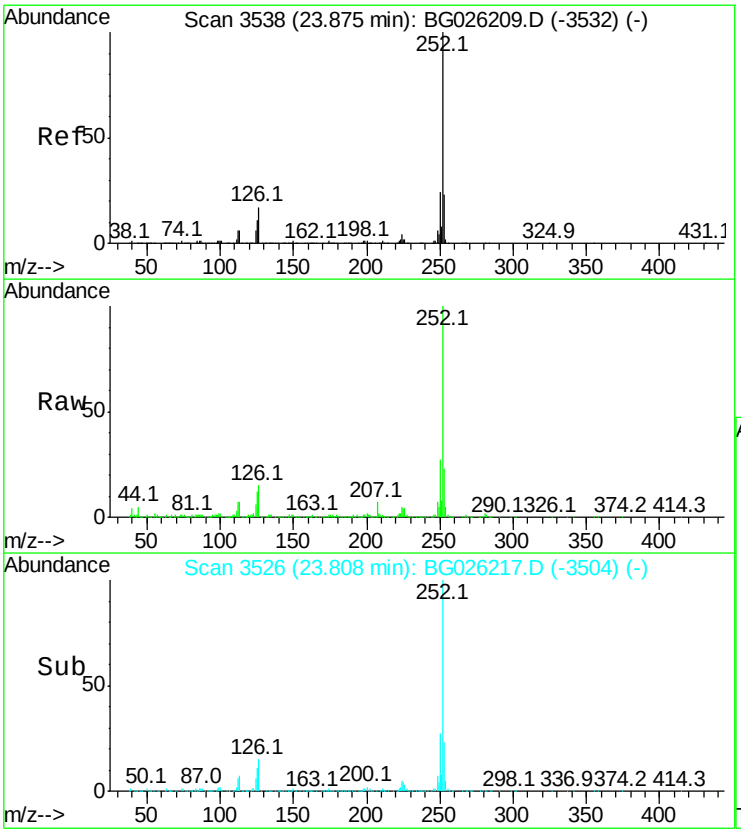
#24
Benzo(b)fluoranthene
Concen: 16.59 ng/ul
RT: 23.81 min Scan# 3526
Delta R.T. -0.00 min
Lab File: BG026217.D
Acq: 13 Mar 2017 18:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 515523

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	11.8	9.4	14.0

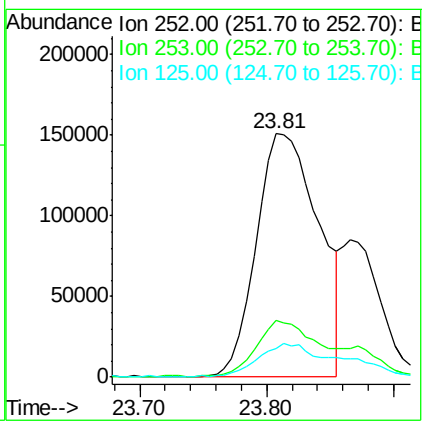


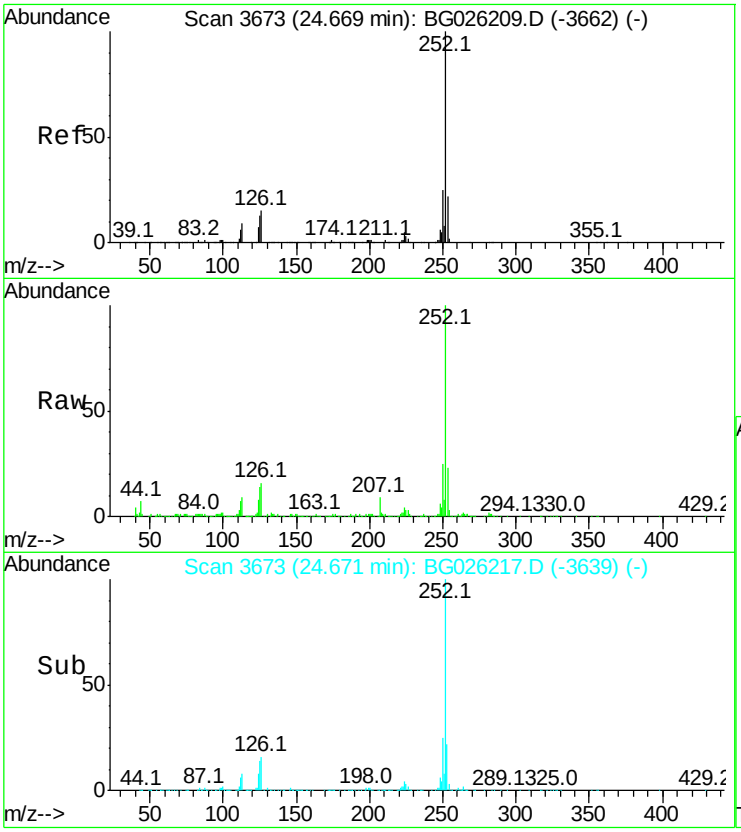


#25
Benzo(k)fluoranthene
Concen: 17.37 ng/ul
RT: 23.81 min Scan# 3526
Delta R.T. -0.07 min
Lab File: BG026217.D
Acq: 13 Mar 2017 18:30

Tgt Ion:252 Resp: 515523

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	11.8	8.8	13.2



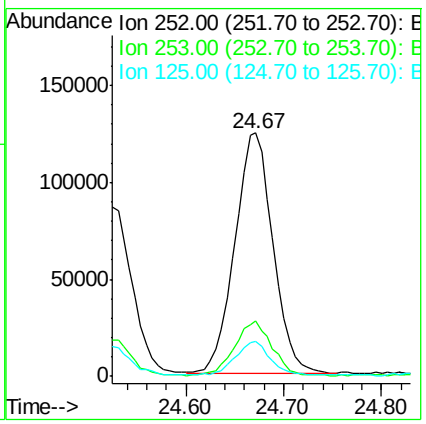


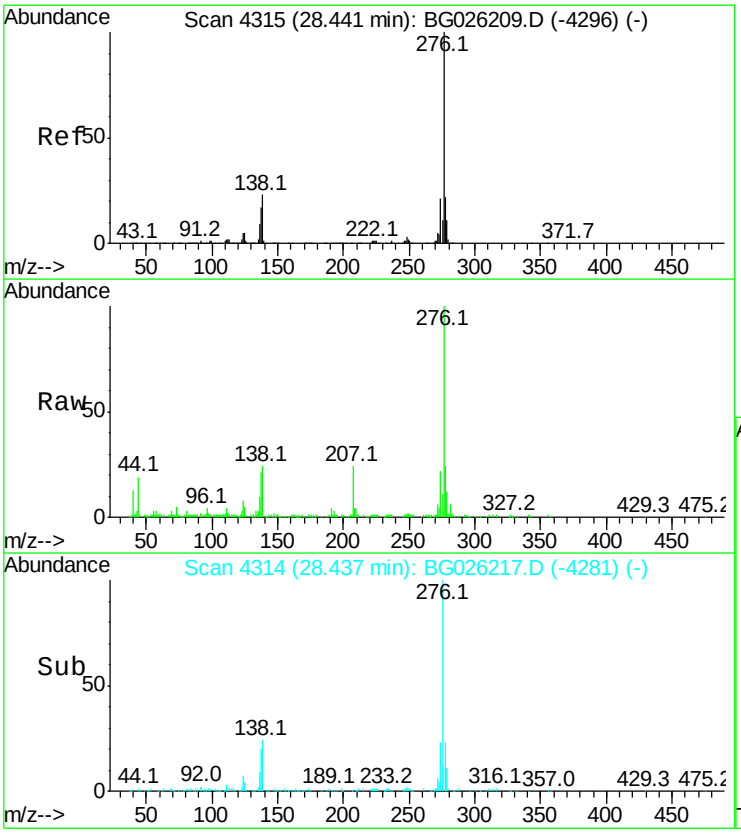
#27
Benzo(a)pyrene
Concen: 11.68 ng/ul
RT: 24.67 min Scan# 3673
Delta R.T. 0.00 min
Lab File: BG026217.D
Acq: 13 Mar 2017 18:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 337327

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	14.2	9.4	14.2#

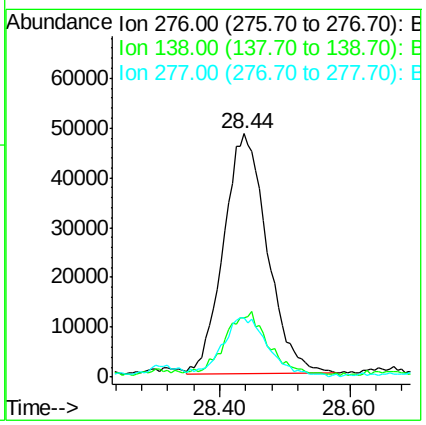


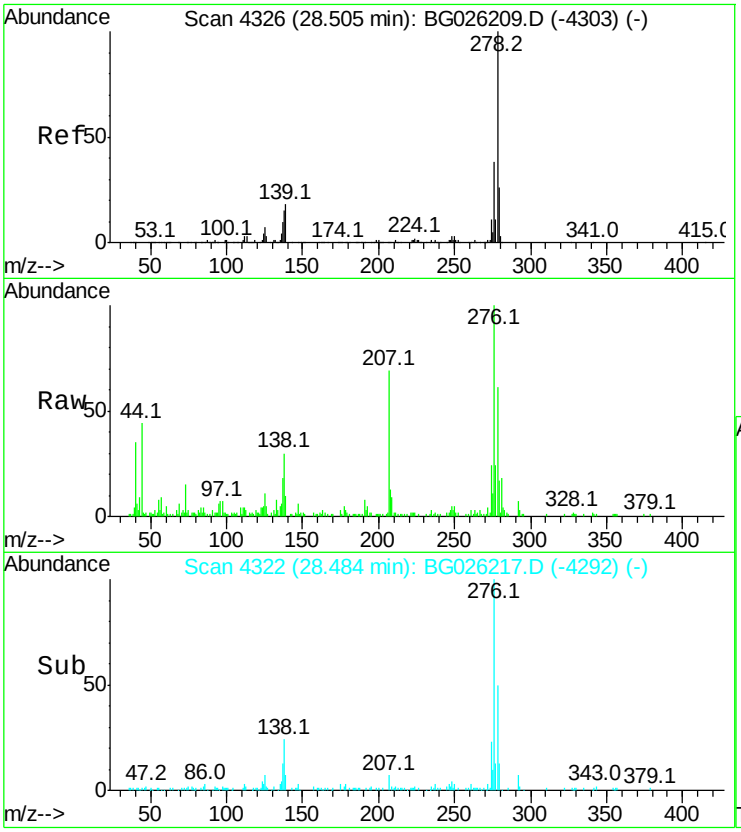


#28
Indeno(1,2,3-cd)pyrene
Concen: 6.93 ng/ul
RT: 28.44 min Scan# 4314
Delta R.T. -0.00 min
Lab File: BG026217.D
Acq: 13 Mar 2017 18:30

Tgt Ion:276 Resp: 222882

Ion	Ratio	Lower	Upper
276	100		
138	24.3	17.8	26.6
277	24.1	19.4	29.0



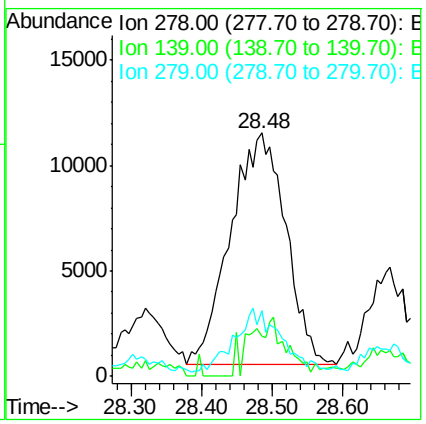


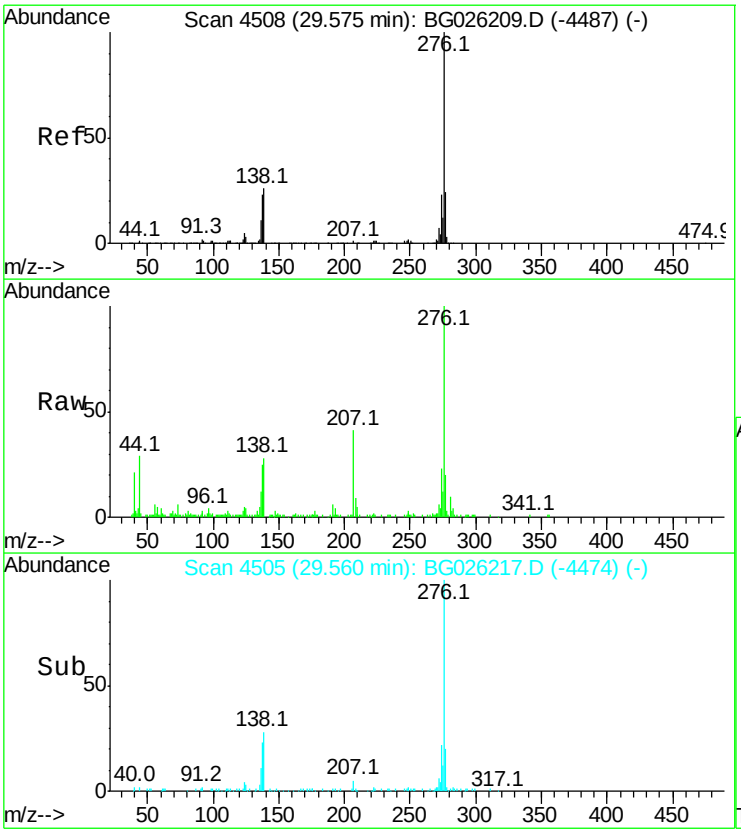
#29
Dibenzo(a,h)anthracene
Concen: 2.36 ng/ul
RT: 28.48 min Scan# 4322
Delta R.T. -0.02 min
Lab File: BG026217.D
Acq: 13 Mar 2017 18:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 59667

Ion	Ratio	Lower	Upper
278	100		
139	16.2	14.0	21.0
279	26.9	20.6	31.0





#30
Benzo(g,h,i)perylene
Concen: 2.93 ng/ul
RT: 29.56 min Scan# 4505
Delta R.T. -0.02 min
Lab File: BG026217.D
Acq: 13 Mar 2017 18:30

Tgt Ion:276 Resp: 80428

Ion	Ratio	Lower	Upper
276	100		
138	28.4	19.0	28.4
277	20.5	19.7	29.5