Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031317\
Data File : BG026226.D
Acq On : 14 Mar 2017 00:23
Operator : SJ/MA
Sample : I2217-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB2X1

Quant Time: Mar 15 06:54:56 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 06:53:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	86075	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	431417	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	253710	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	558956	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	573222	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	559304	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.47	165	101658	15.91	ng/uL	0.00
7) Acenaphthylene-d8	14.36	160	554085	25.61	ng/ul	0.00
10) Fluorene-d10	15.64	176	403135	25.55	ng/ul	0.00
15) Anthracene-d10	17.49	188	564562	22.73	ng/ul	0.00
19) Pyrene-d10	19.77	212	638726	21.84	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	586449	24.31	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.91	128	73453	3.48	ng/ul	97
5) 2-Methylnaphthalene	12.50	142	40770	2.60	ng/ul	98
9) Acenaphthene	14.73	153	59732	3.82	ng/ul	89
11) Fluorene	15.70	166	70091	3.98	ng/ul	93
14) Phenanthrene	17.44	178	1110314	37.48	ng/ul	97
16) Anthracene	17.52	178	229530	7.67	ng/ul	98
17) Fluoranthene	19.43	202	1793483	58.32	ng/ul#	95
20) Pyrene	19.80	202	1599559	43.83	ng/ul	96
21) Benzo(a)anthracene	21.62	228	900218	28.22	ng/ul	97
22) Chrysene	21.68	228	814859	27.37	ng/ul	98
24) Benzo(b)fluoranthene	23.82	252	1098517	34.59	ng/ul#	97
25) Benzo(k)fluoranthene	23.82	252	1098517	36.23	ng/ul#	96
27) Benzo(a)pyrene	24.68	252	753891	25.55	ng/ul	96
28) Indeno(1,2,3-cd)pyrene	28.46	276	506805	15.42	ng/ul	95
29) Dibenzo(a,h)anthracene	28.49	278	67072	2.60	ng/ul	95
30) Benzo(g,h,i)perylene	29.59	276	476550	17.00	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 : BG026226.D
Acq On : 14 Mar 2017 00:23
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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CB2X1

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Quant Title : SVOA CALIBRATION
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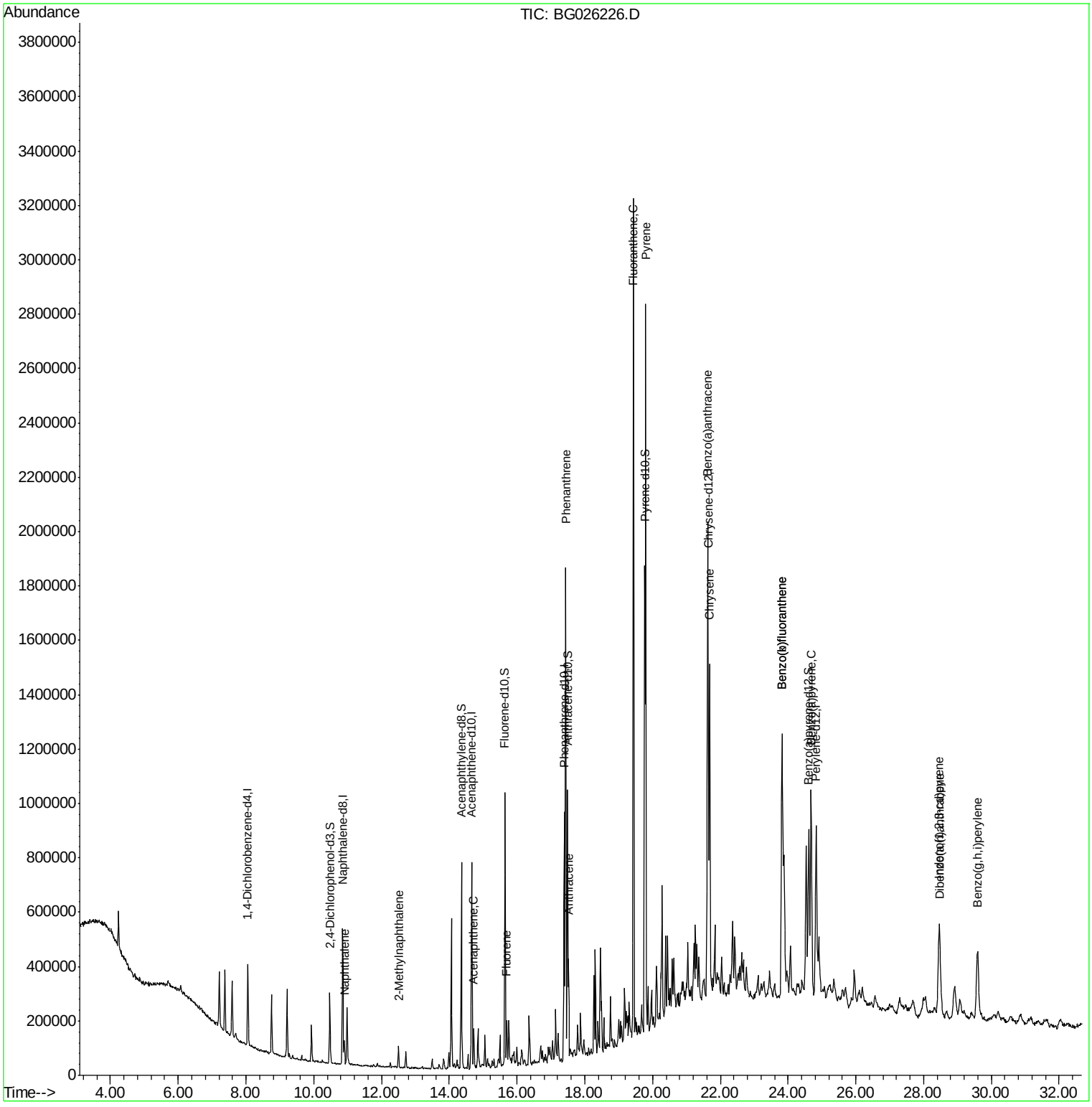
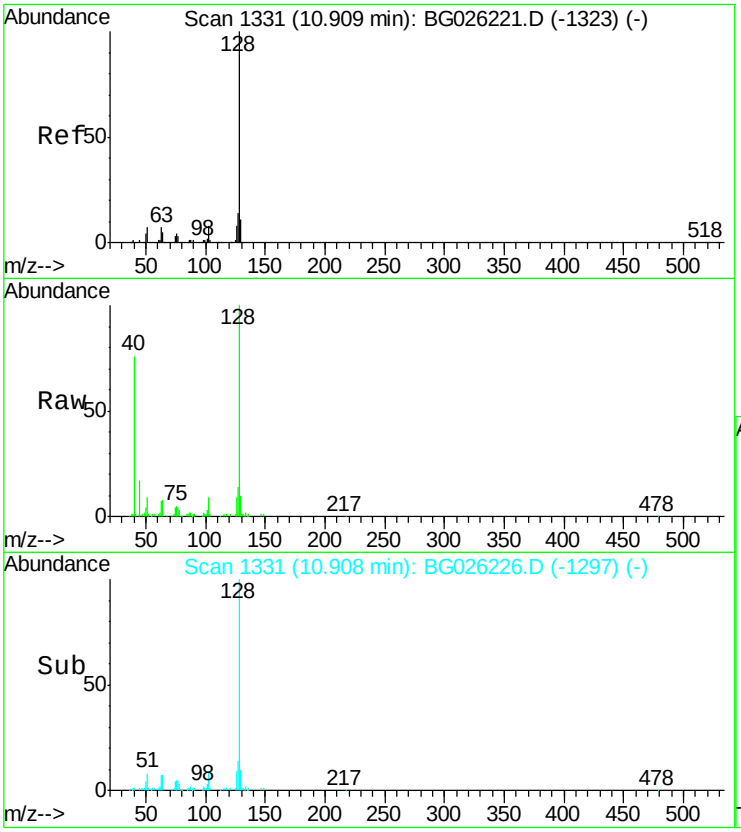
Response via : Initial Calibration



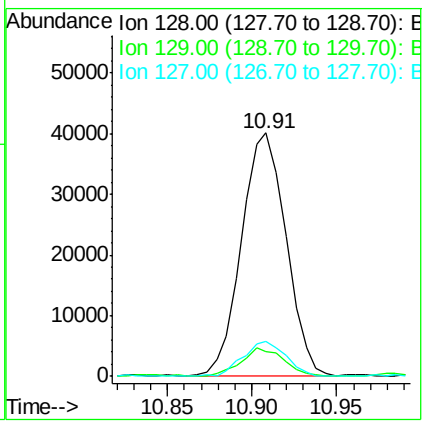


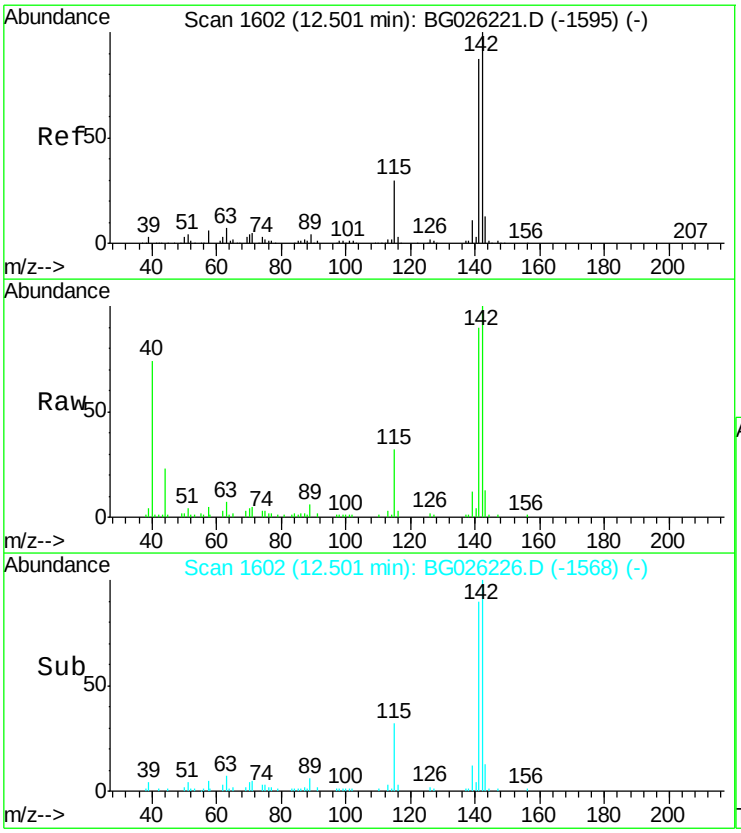
#4
Naphthalene
Concen: 3.48 ng/ul
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG026226.D
Acq: 14 Mar 2017 00:23

Instrument :
BNA_G
ClientSampleId :
CB2X1

Tgt Ion:128 Resp: 73453

Ion	Ratio	Lower	Upper
128	100		
129	10.1	9.1	13.7
127	14.3	10.6	15.8

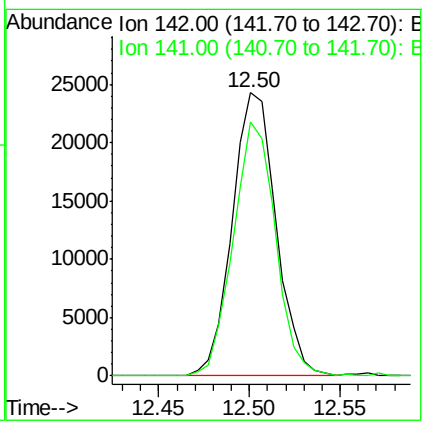


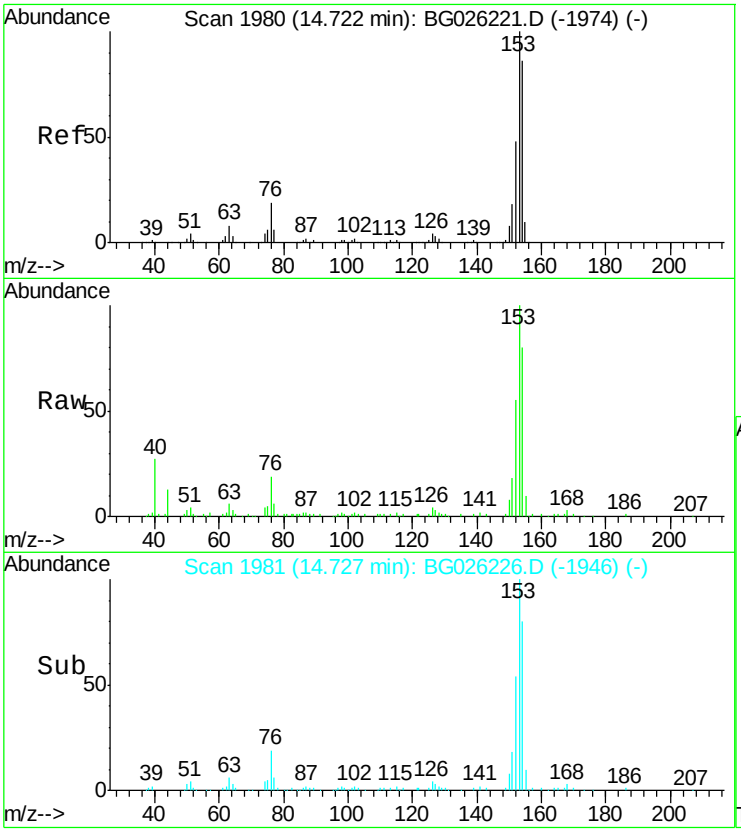


#5
2-Methylnaphthalene
Concen: 2.60 ng/ul
RT: 12.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BG026226.D
Acq: 14 Mar 2017 00:23

Tgt Ion:142 Resp: 40770

Ion	Ratio	Lower	Upper
142	100		
141	89.6	69.8	104.8



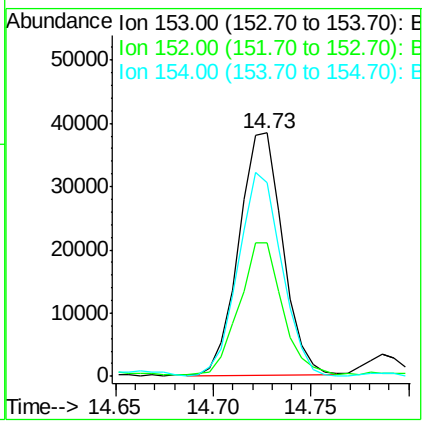


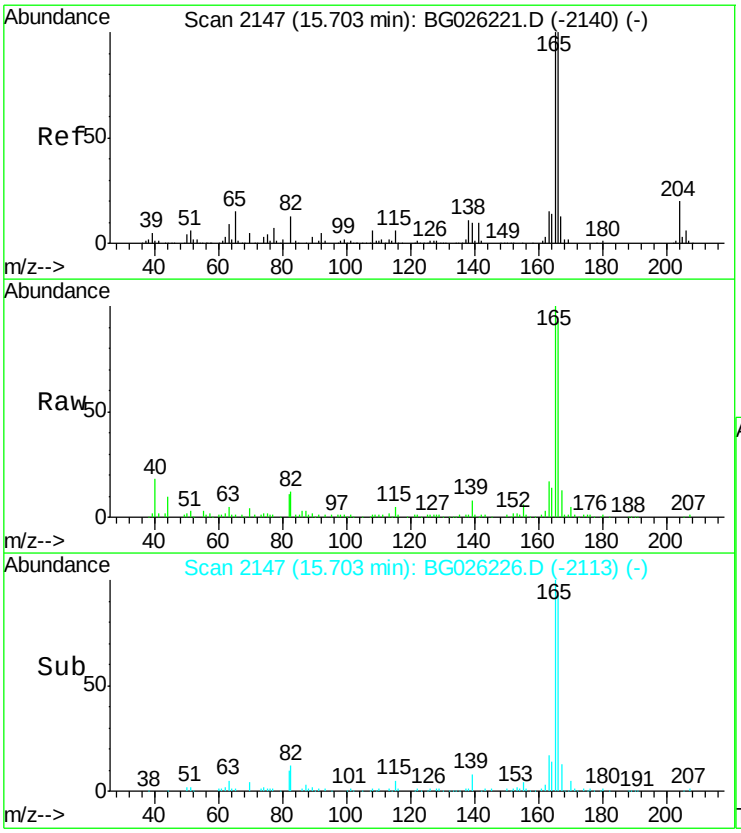
#9
Acenaphthene
Concen: 3.82 ng/ul
RT: 14.73 min Scan# 1981
Delta R.T. 0.01 min
Lab File: BG026226.D
Acq: 14 Mar 2017 00:23

Instrument :
BNA_G
ClientSampleId :
CB2X1

Tgt Ion:153 Resp: 59732

Ion	Ratio	Lower	Upper
153	100		
152	55.1	37.9	56.9
154	79.7	71.6	107.4

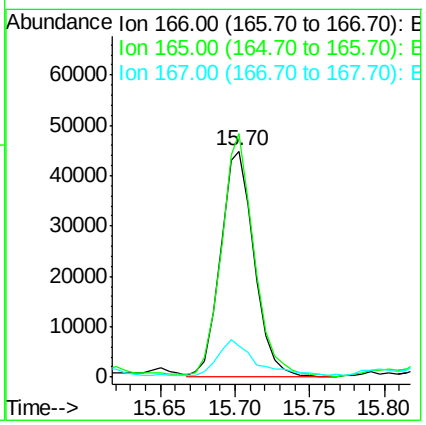


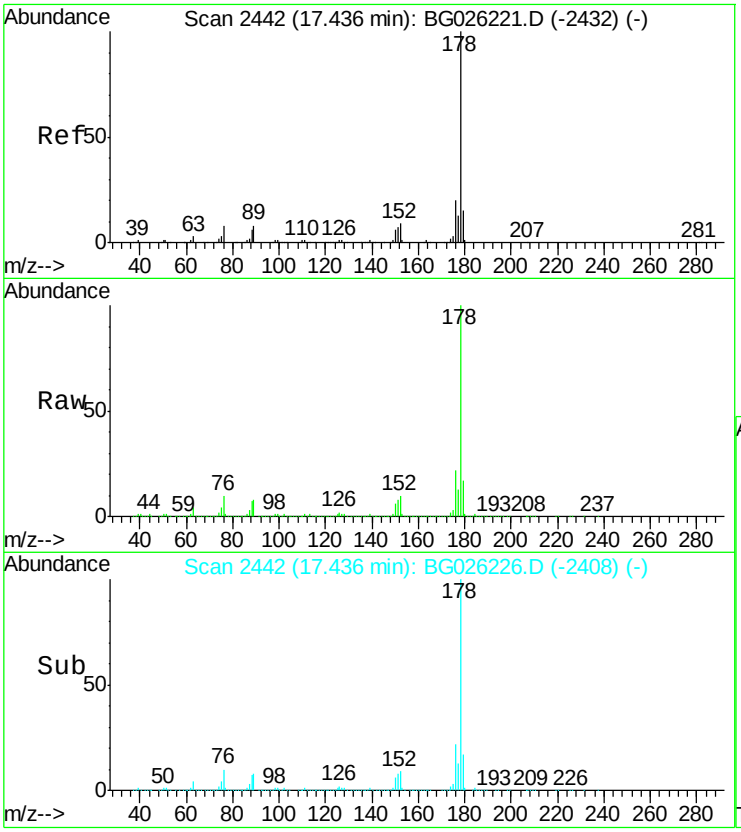


#11
Fluorene
Concen: 3.98 ng/ul
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG026226.D
Acq: 14 Mar 2017 00:23

Tgt Ion:166 Resp: 70091

Ion	Ratio	Lower	Upper
166	100		
165	107.9	80.0	120.0
167	14.0	11.6	17.4



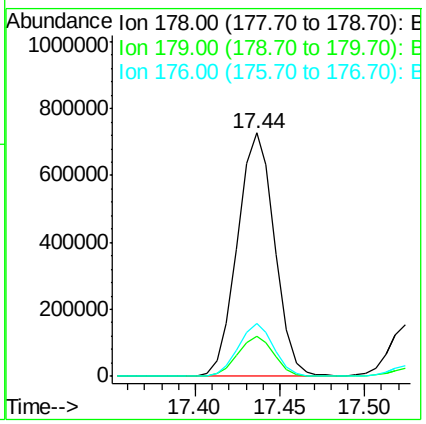


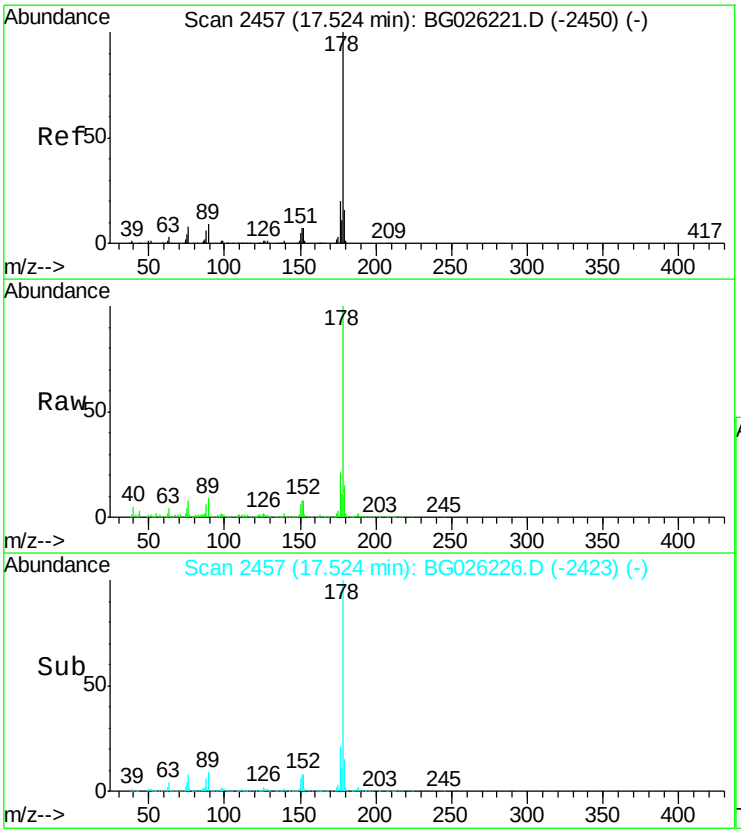
#14
Phenanthrene
Concen: 37.48 ng/ul
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG026226.D
Acq: 14 Mar 2017 00:23

Instrument :
BNA_G
ClientSampleId :
CB2X1

Tgt Ion:178 Resp: 1110314

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.2	18.4
176	21.6	16.4	24.6

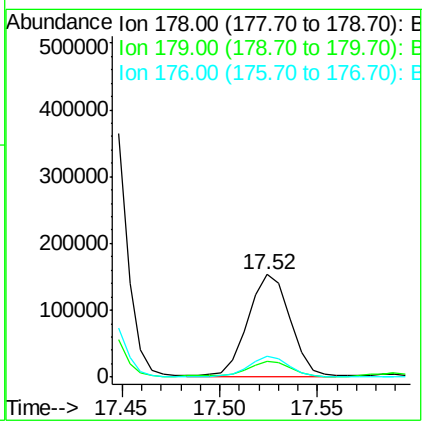


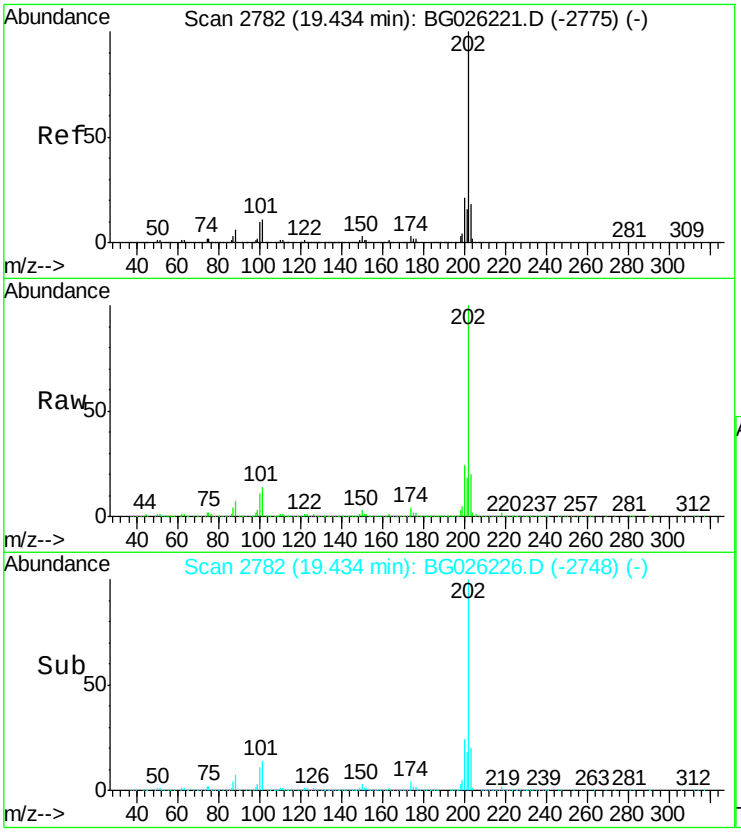


#16
Anthracene
Concen: 7.67 ng/ul
RT: 17.52 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BG026226.D
Acq: 14 Mar 2017 00:23

Tgt Ion:178 Resp: 229530

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.7	19.1
176	20.6	15.8	23.8



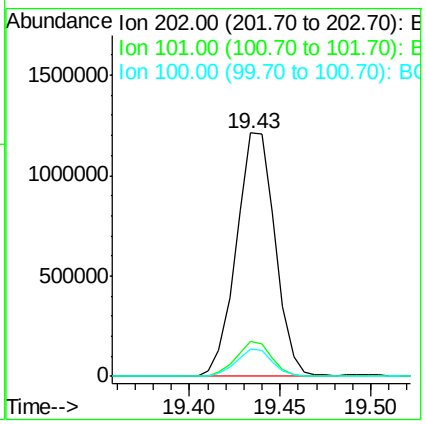


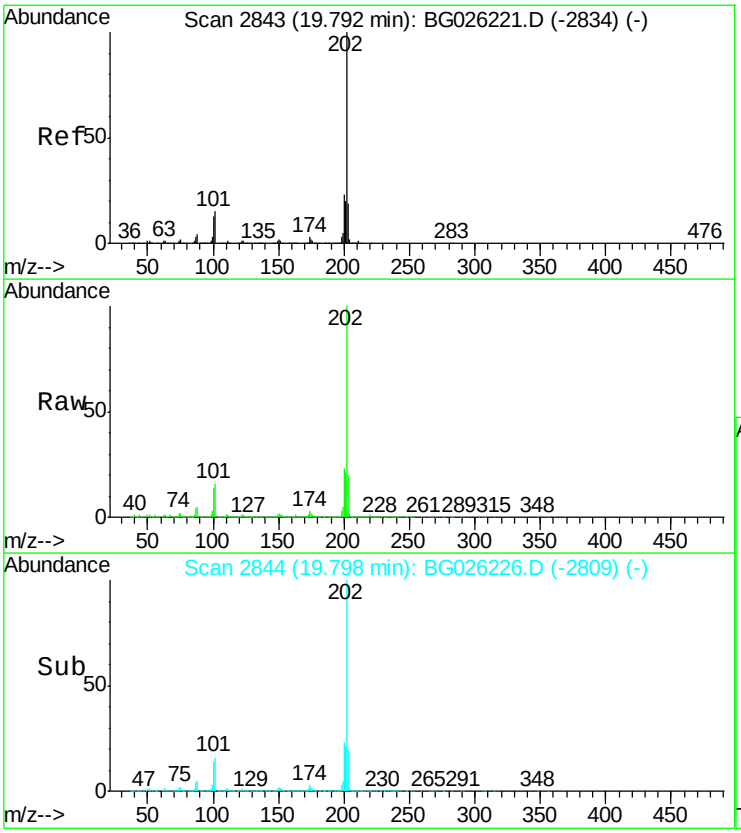
#17
Fluoranthene
Concen: 58.32 ng/ul
RT: 19.43 min Scan# 2782
Delta R.T. -0.00 min
Lab File: BG026226.D
Acq: 14 Mar 2017 00:23

Instrument :
BNA_G
ClientSampleId :
CB2X1

Tgt Ion:202 Resp: 1793483

Ion	Ratio	Lower	Upper
202	100		
101	14.3	9.8	14.8
100	11.4	7.5	11.3#

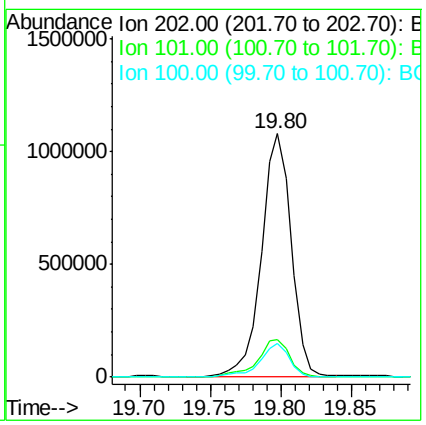


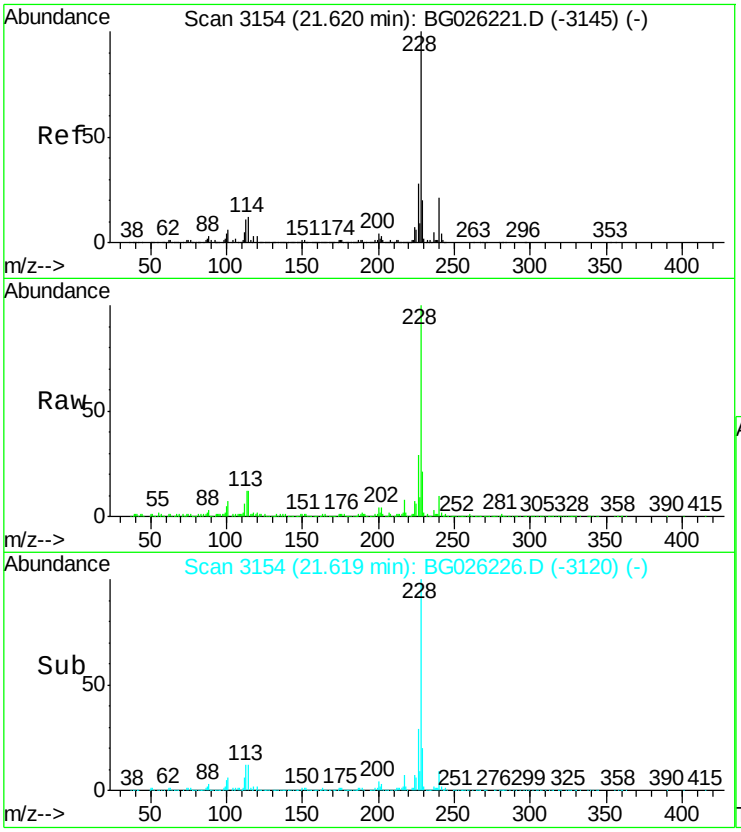


#20
Pyrene
Concen: 43.83 ng/ul
RT: 19.80 min Scan# 2844
Delta R.T. 0.01 min
Lab File: BG026226.D
Acq: 14 Mar 2017 00:23

Tgt Ion:202 Resp: 1599559

Ion	Ratio	Lower	Upper
202	100		
101	15.6	11.2	16.8
100	13.6	9.8	14.6



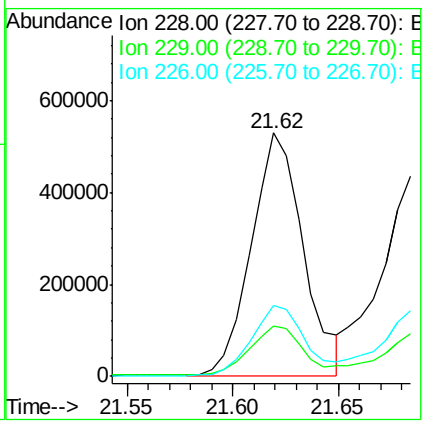


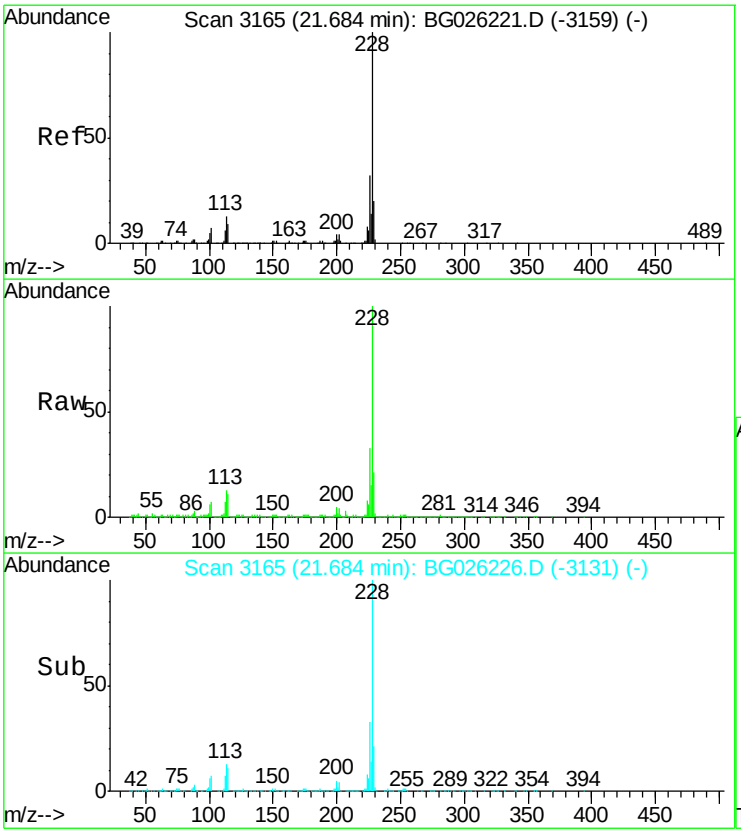
#21
Benzo(a)anthracene
Concen: 28.22 ng/ul
RT: 21.62 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG026226.D
Acq: 14 Mar 2017 00:23

Instrument :
BNA_G
ClientSampleId :
CB2X1

Tgt Ion:228 Resp: 900218

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.9	23.9
226	29.2	22.1	33.1

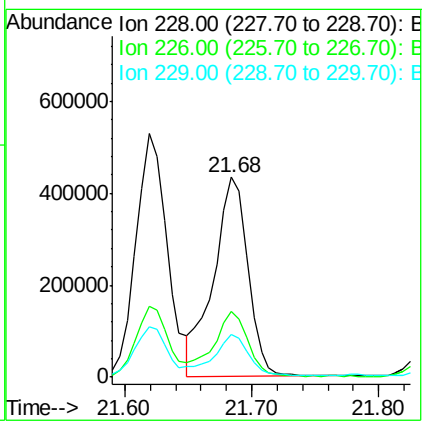


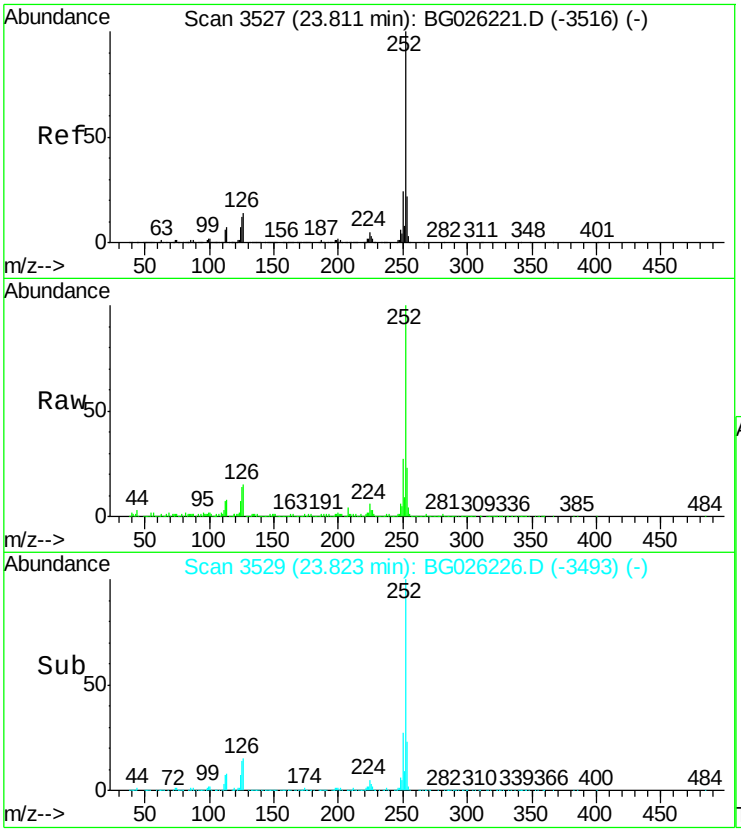


#22
Chrysene
Concen: 27.37 ng/ul
RT: 21.68 min Scan# 3165
Delta R.T. -0.00 min
Lab File: BG026226.D
Acq: 14 Mar 2017 00:23

Tgt Ion:228 Resp: 814859

Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.0	37.6
229	21.1	16.6	25.0



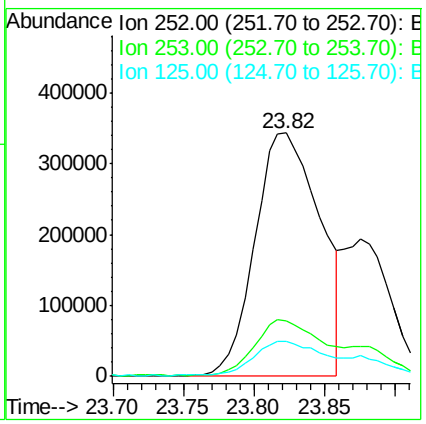


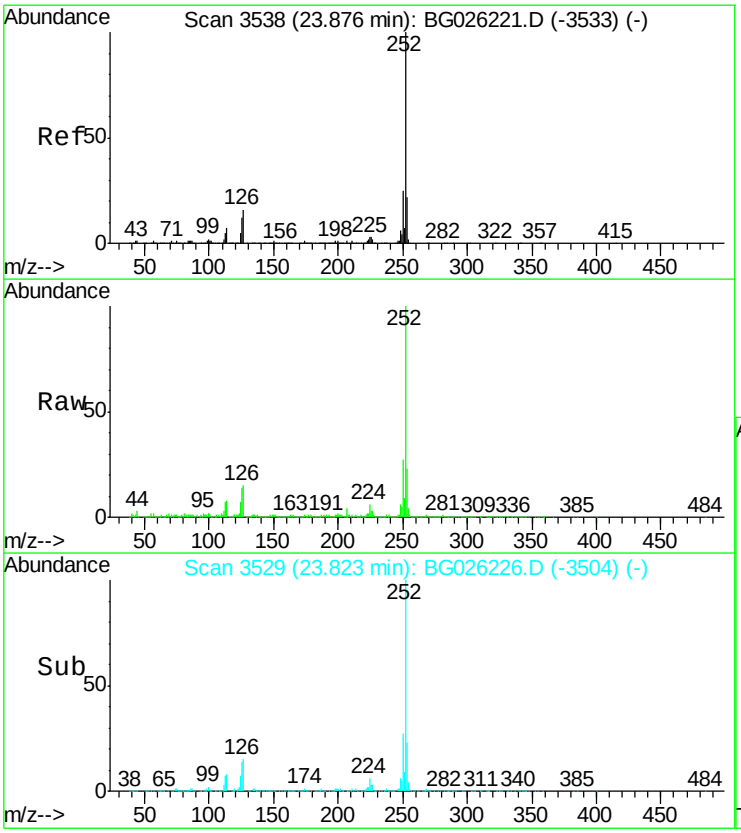
#24
Benzo(b)fluoranthene
Concen: 34.59 ng/ul
RT: 23.82 min Scan# 3529
Delta R.T. 0.01 min
Lab File: BG026226.D
Acq: 14 Mar 2017 00:23

Instrument :
BNA_G
ClientSampleId :
CB2X1

Tgt Ion:252 Resp: 1098517

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	14.1	9.4	14.0#

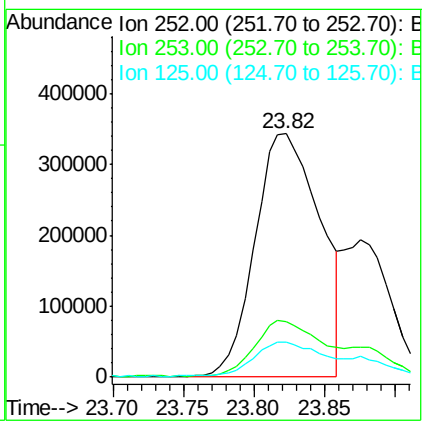


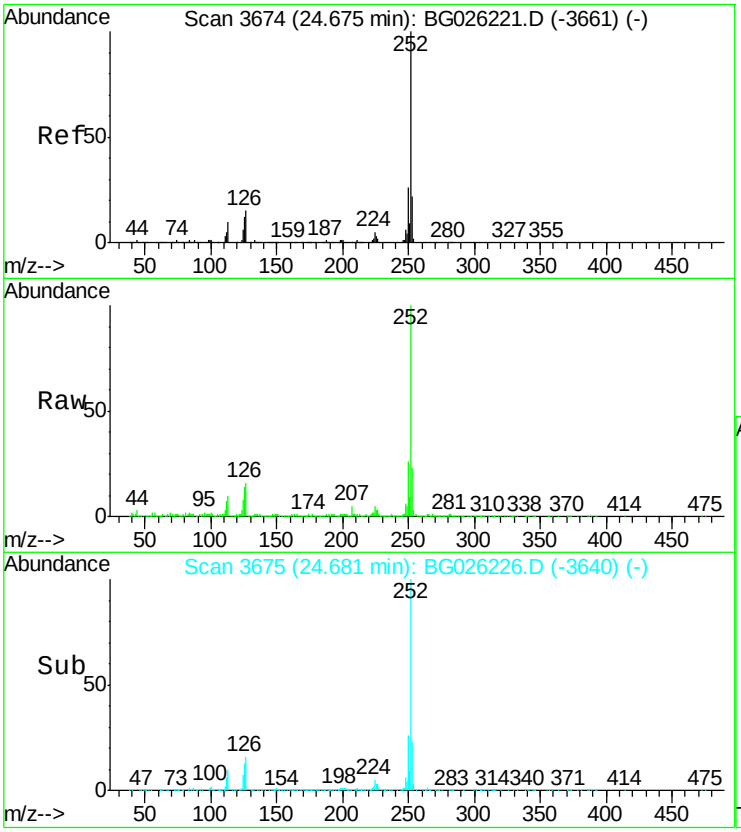


#25
Benzo(k)fluoranthene
Concen: 36.23 ng/ul
RT: 23.82 min Scan# 3529
Delta R.T. -0.05 min
Lab File: BG026226.D
Acq: 14 Mar 2017 00:23

Tgt Ion:252 Resp: 1098517

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	14.1	8.8	13.2#



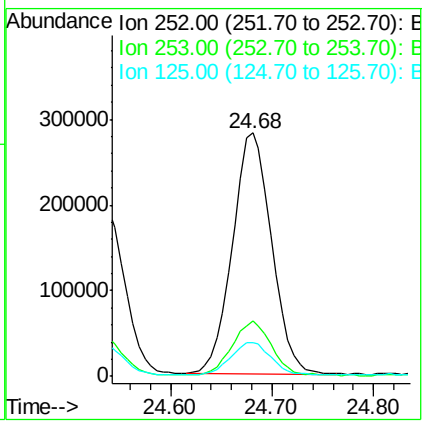


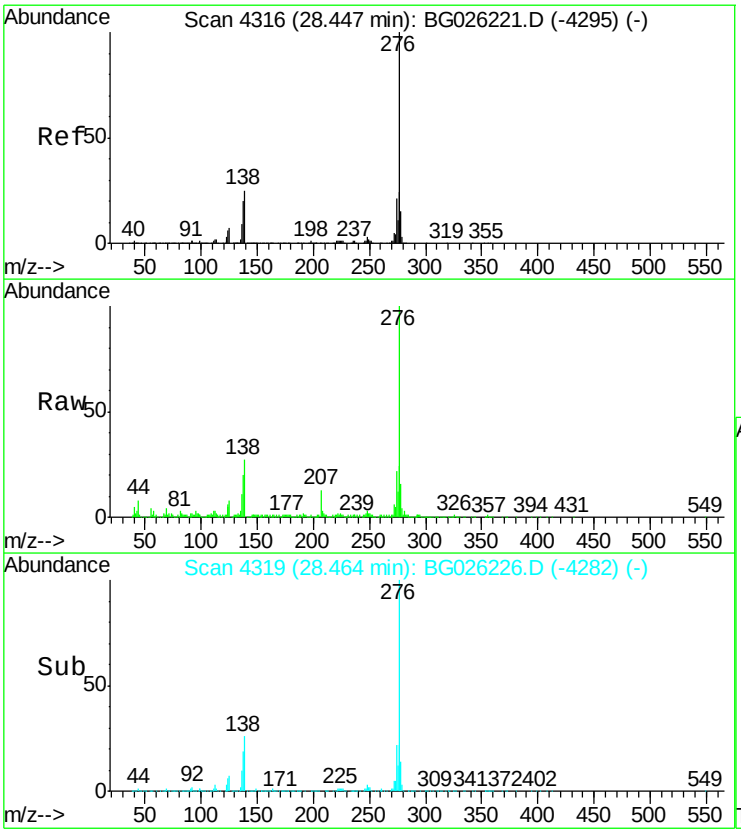
#27
Benzo(a)pyrene
Concen: 25.55 ng/ul
RT: 24.68 min Scan# 3675
Delta R.T. 0.01 min
Lab File: BG026226.D
Acq: 14 Mar 2017 00:23

Instrument :
BNA_G
ClientSampleId :
CB2X1

Tgt Ion:252 Resp: 753891

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	13.9	9.4	14.2

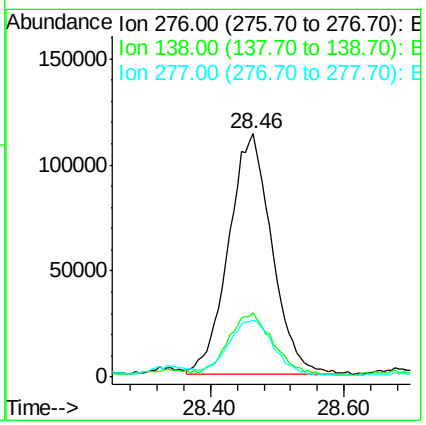


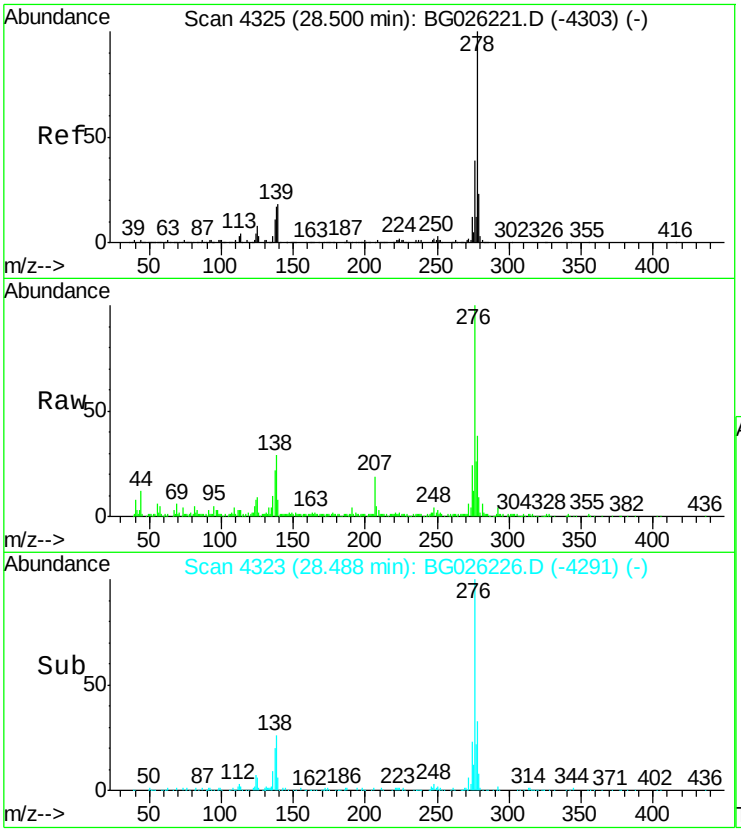


#28
Indeno(1,2,3-cd)pyrene
Concen: 15.42 ng/ul
RT: 28.46 min Scan# 4319
Delta R.T. 0.02 min
Lab File: BG026226.D
Acq: 14 Mar 2017 00:23

Tgt Ion:276 Resp: 506805

Ion	Ratio	Lower	Upper
276	100		
138	26.6	17.8	26.6
277	23.5	19.4	29.0



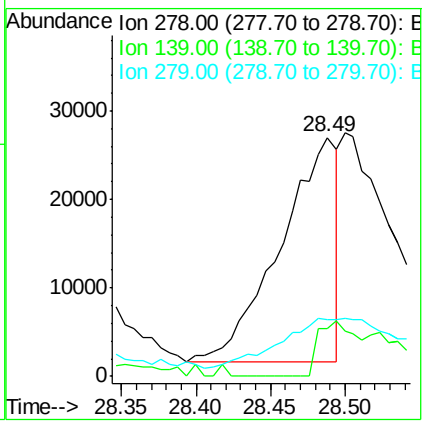


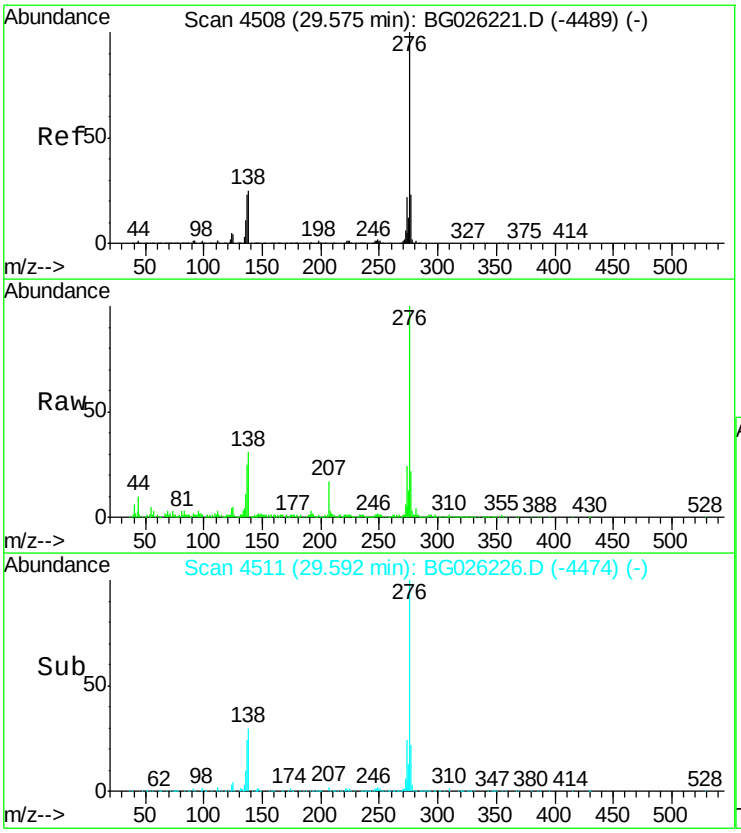
#29
Dibenzo(a,h)anthracene
Concen: 2.60 ng/ul
RT: 28.49 min Scan# 4323
Delta R.T. -0.01 min
Lab File: BG026226.D
Acq: 14 Mar 2017 00:23

Instrument :
BNA_G
ClientSampleId :
CB2X1

Tgt Ion:278 Resp: 67072

Ion	Ratio	Lower	Upper
278	100		
139	20.0	14.0	21.0
279	23.7	20.6	31.0





#30
Benzo(g,h,i)perylene
Concen: 17.00 ng/ul
RT: 29.59 min Scan# 4511
Delta R.T. 0.02 min
Lab File: BG026226.D
Acq: 14 Mar 2017 00:23

Tgt Ion:276 Resp: 476550

Ion	Ratio	Lower	Upper
276	100		
138	30.6	19.0	28.4#
277	22.3	19.7	29.5