Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031317\
Data File : BG026229.D
Acq On : 14 Mar 2017 2:22
Operator : SJ/MA
Sample : I2217-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB2W8

Quant Time: Mar 15 06:55:21 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	90035	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	443667	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	256156	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	564470	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	585304	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	564198	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.49	165	1207	0.18	ng/uL	0.02
7) Acenaphthylene-d8	14.36	160	304038	13.92	ng/ul	0.00
10) Fluorene-d10	15.64	176	228349	14.33	ng/ul	0.00
15) Anthracene-d10	17.49	188	311467	12.42	ng/ul	0.00
19) Pyrene-d10	19.77	212	348468	11.67	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	309012	12.70	ng/ul	0.00
Target Compounds						Qvalue
9) Acenaphthene	14.73	153	26753	1.70	ng/ul#	87
11) Fluorene	15.70	166	33704	1.89	ng/ul	95
14) Phenanthrene	17.44	178	616354	20.60	ng/ul	99
16) Anthracene	17.52	178	119852	3.97	ng/ul	99
17) Fluoranthene	19.43	202	946654	30.48	ng/ul	98
20) Pyrene	19.80	202	834310	22.39	ng/ul	98
21) Benzo(a)anthracene	21.62	228	485168	14.89	ng/ul	97
22) Chrysene	21.68	228	447392	14.72	ng/ul	98
24) Benzo(b)fluoranthene	23.82	252	569009	17.76	ng/ul	98
25) Benzo(k)fluoranthene	23.82	252	569009	18.60	ng/ul#	98
27) Benzo(a)pyrene	24.67	252	379050	12.73	ng/ul#	96
28) Indeno(1,2,3-cd)pyrene	28.45	276	238458	7.19	ng/ul	98
29) Dibenzo(a,h)anthracene	28.49	278	68311	2.62	ng/ul#	73
30) Benzo(g,h,i)perylene	29.59	276	133325	4.71	ng/ul#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031317\
Data File : BG026229.D
Acq On : 14 Mar 2017 2:22
Operator : SJ/MA
Sample : I2217-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB2W8

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 06:53:58 2017
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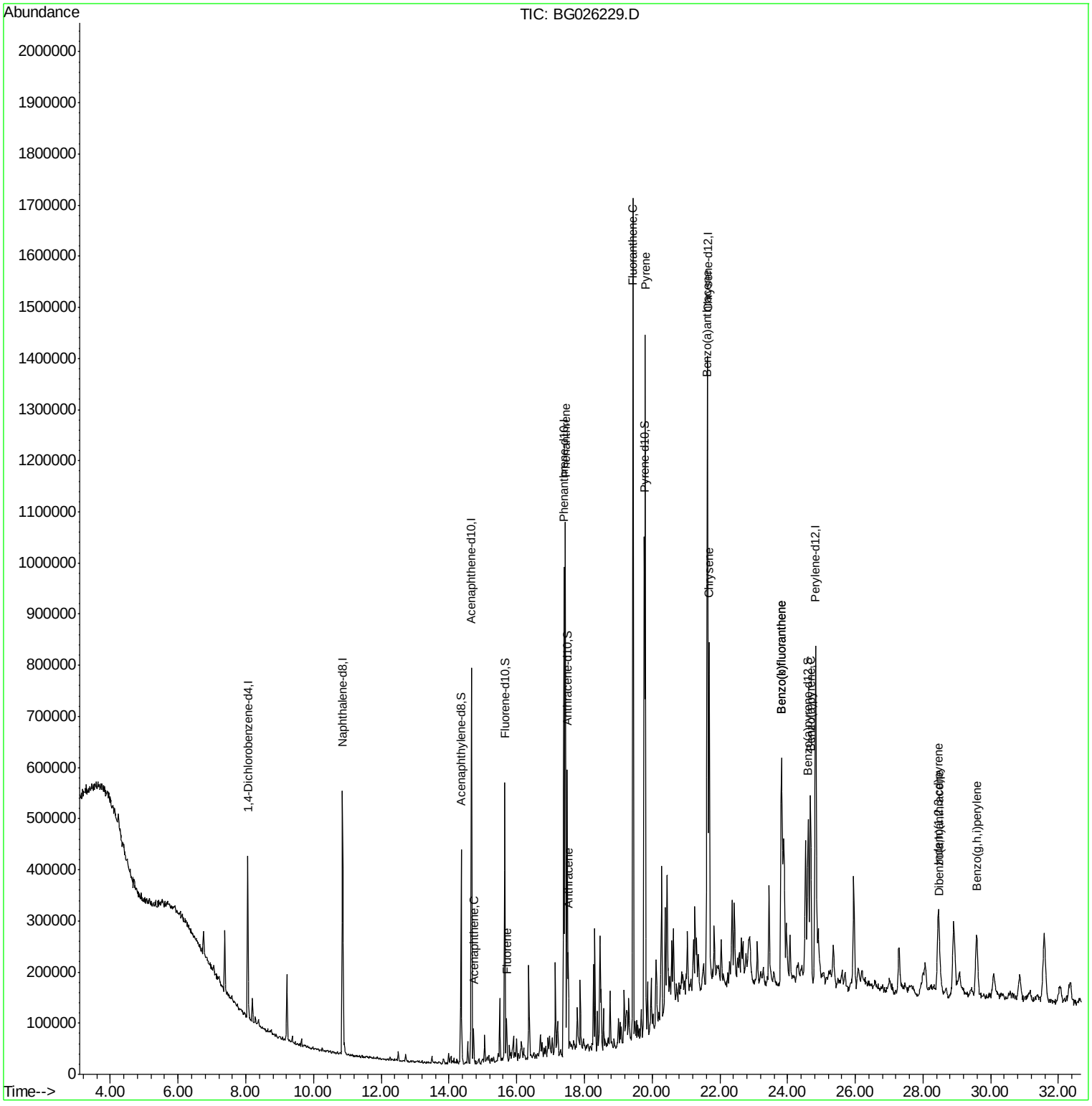
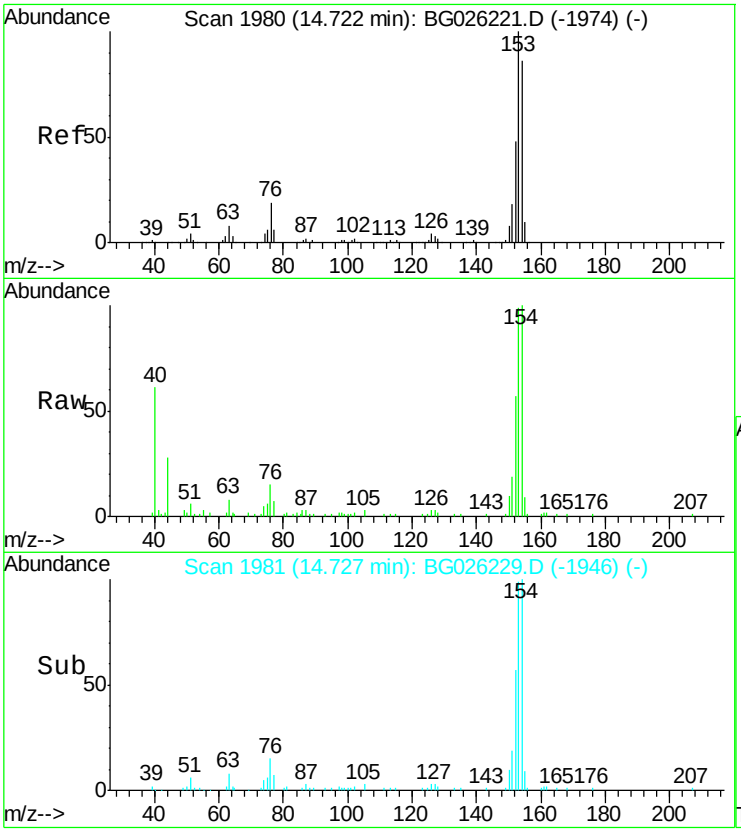


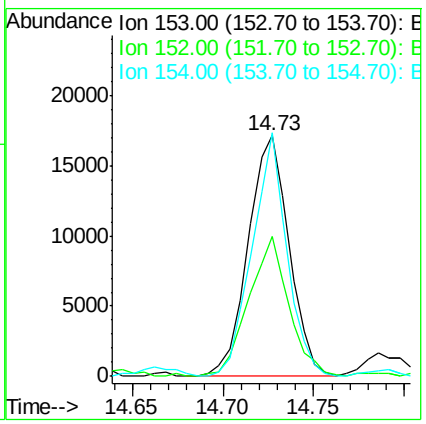


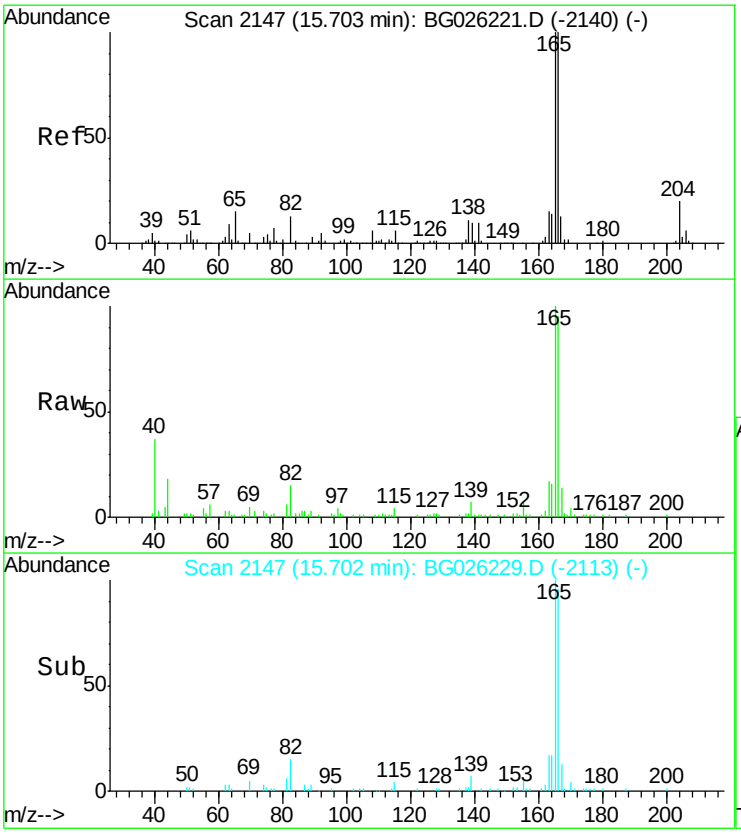
#9
Acenaphthene
Concen: 1.70 ng/ul
RT: 14.73 min Scan# 1981
Delta R.T. 0.01 min
Lab File: BG026229.D
Acq: 14 Mar 2017 2:22

Instrument :
BNA_G
ClientSampleId :
CB2W8

Tgt Ion:153 Resp: 26753

Ion	Ratio	Lower	Upper
153	100		
152	58.0	37.9	56.9#
154	101.0	71.6	107.4

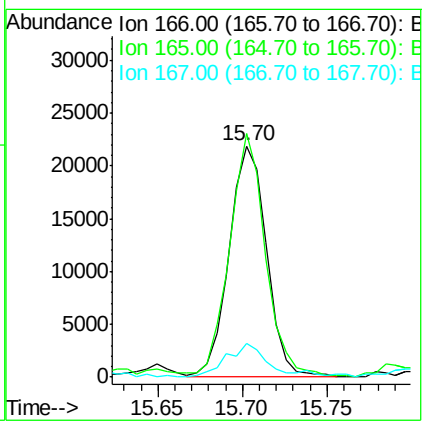


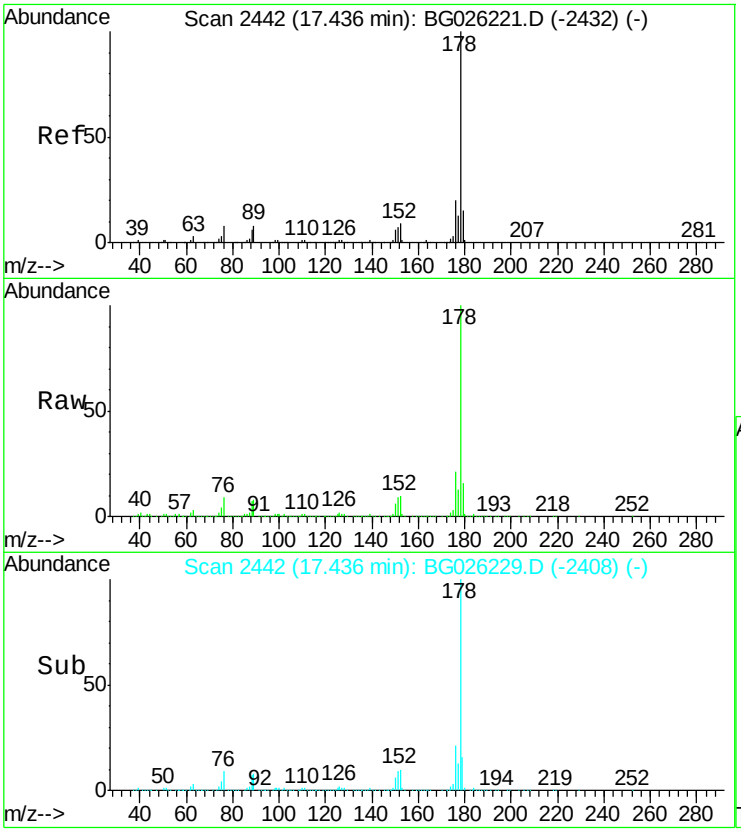


#11
Fluorene
Concen: 1.89 ng/ul
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG026229.D
Acq: 14 Mar 2017 2:22

Tgt Ion:166 Resp: 33704

Ion	Ratio	Lower	Upper
166	100		
165	105.5	80.0	120.0
167	14.3	11.6	17.4



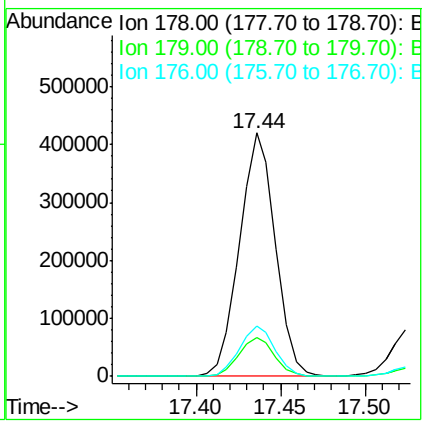


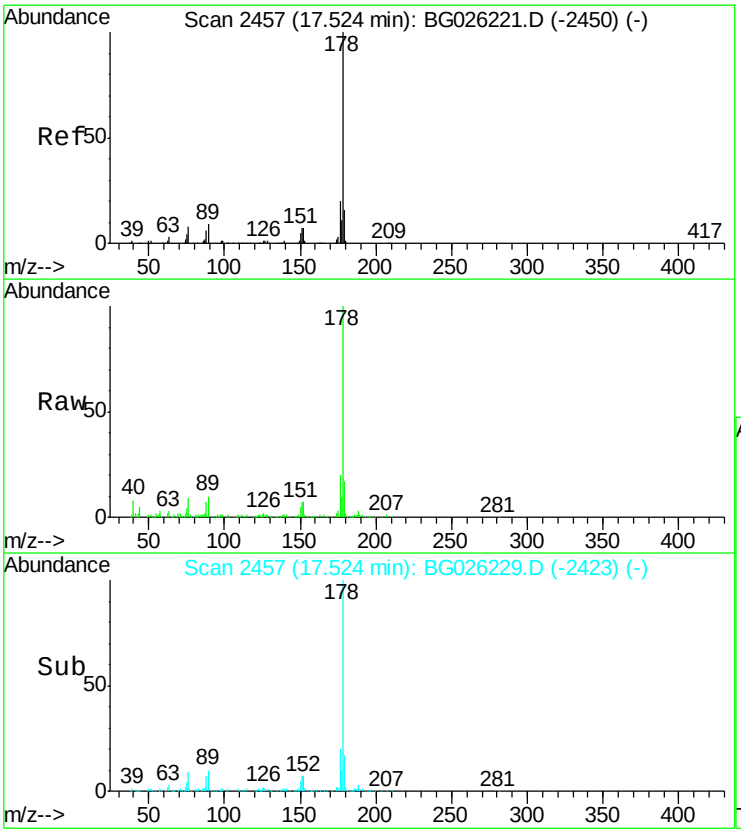
#14
Phenanthrene
Concen: 20.60 ng/ul
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG026229.D
Acq: 14 Mar 2017 2:22

Instrument :
BNA_G
ClientSampleId :
CB2W8

Tgt Ion:178 Resp: 616354

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.4
176	20.7	16.4	24.6

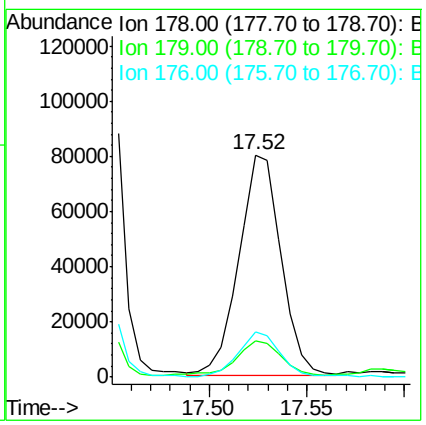


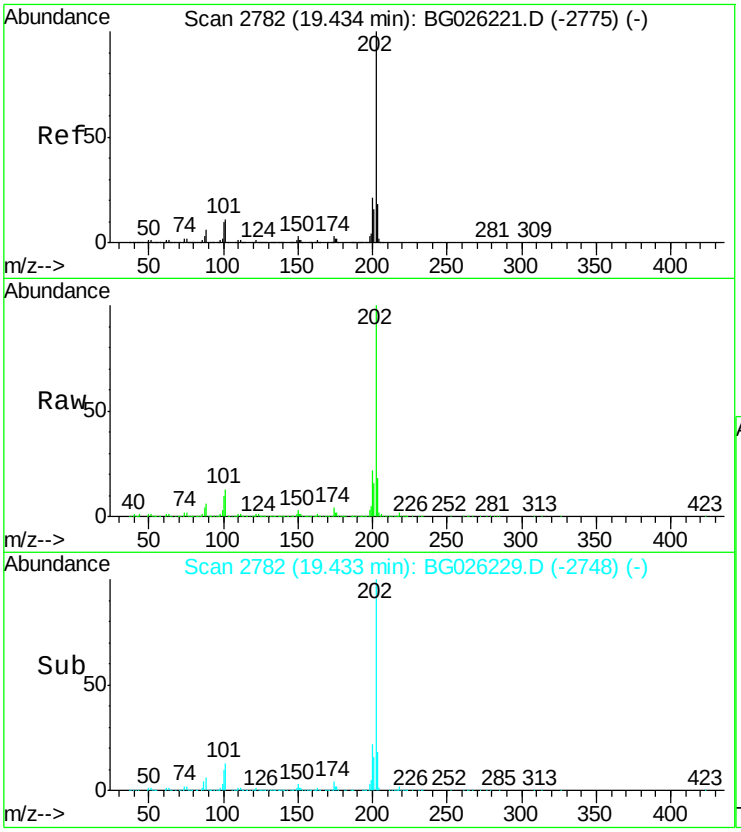


#16
Anthracene
Concen: 3.97 ng/ul
RT: 17.52 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BG026229.D
Acq: 14 Mar 2017 2:22

Tgt Ion:178 Resp: 119852

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.7	19.1
176	20.2	15.8	23.8



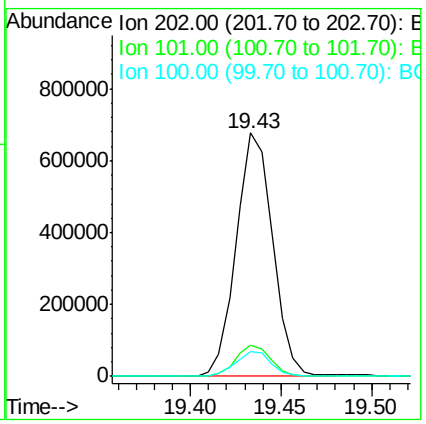


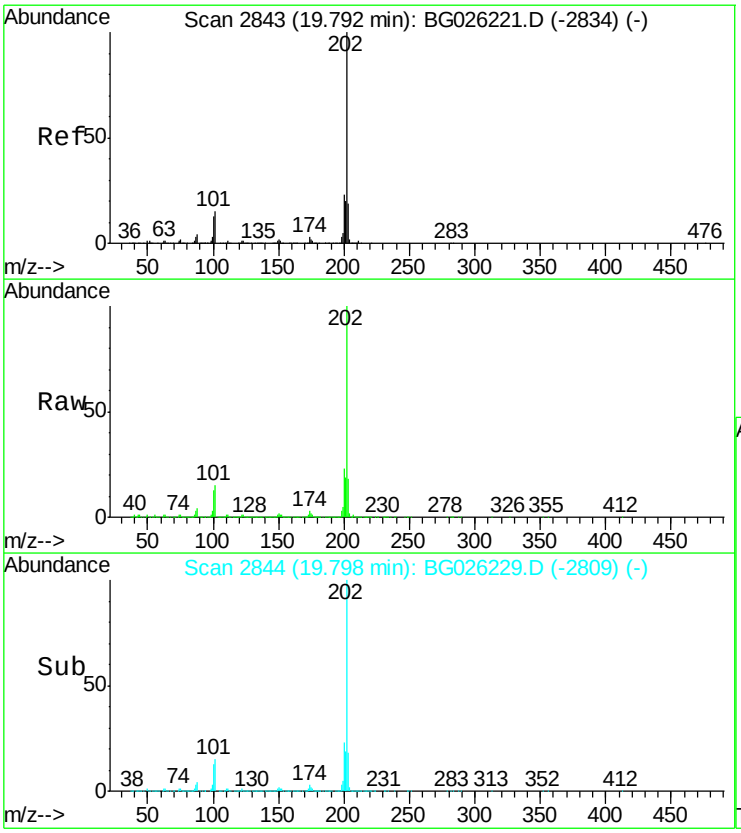
#17
Fluoranthene
Concen: 30.48 ng/ul
RT: 19.43 min Scan# 2782
Delta R.T. -0.00 min
Lab File: BG026229.D
Acq: 14 Mar 2017 2:22

Instrument :
BNA_G
ClientSampleId :
CB2W8

Tgt Ion:202 Resp: 946654

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.8	14.8
100	10.1	7.5	11.3

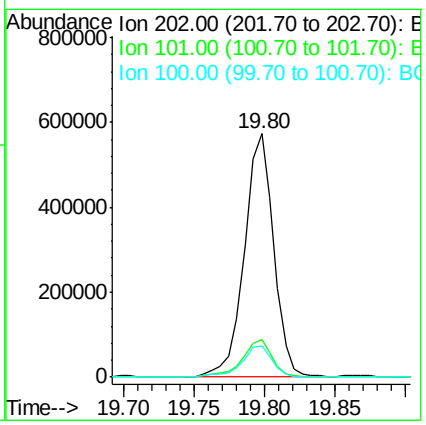


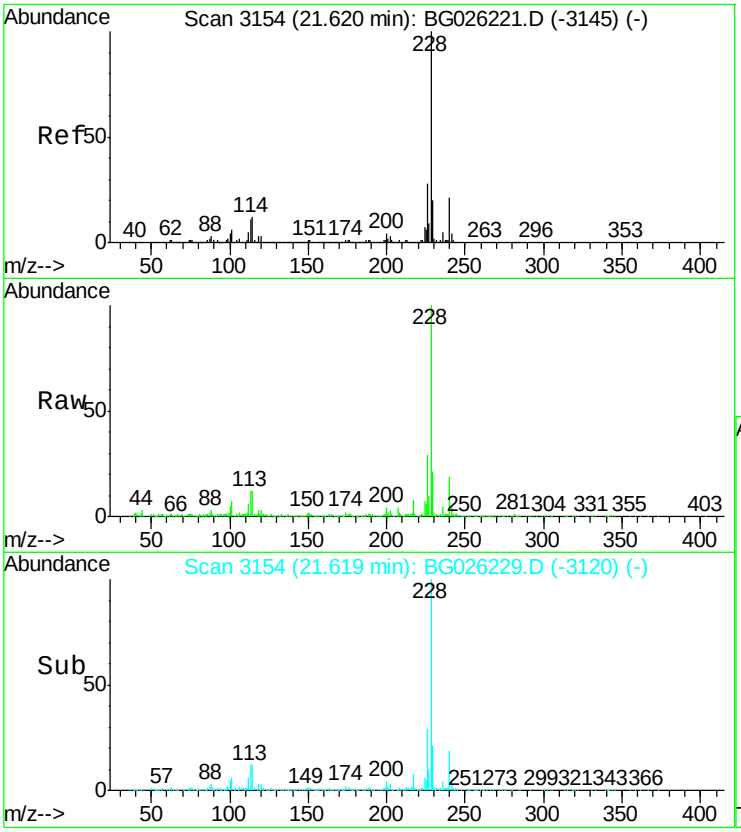


#20
Pyrene
Concen: 22.39 ng/ul
RT: 19.80 min Scan# 2844
Delta R.T. 0.01 min
Lab File: BG026229.D
Acq: 14 Mar 2017 2:22

Tgt Ion:202 Resp: 834310

Ion	Ratio	Lower	Upper
202	100		
101	15.2	11.2	16.8
100	12.6	9.8	14.6



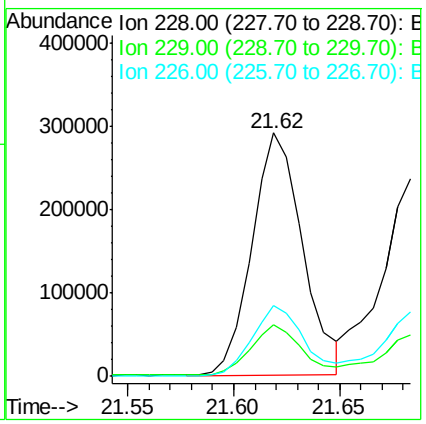


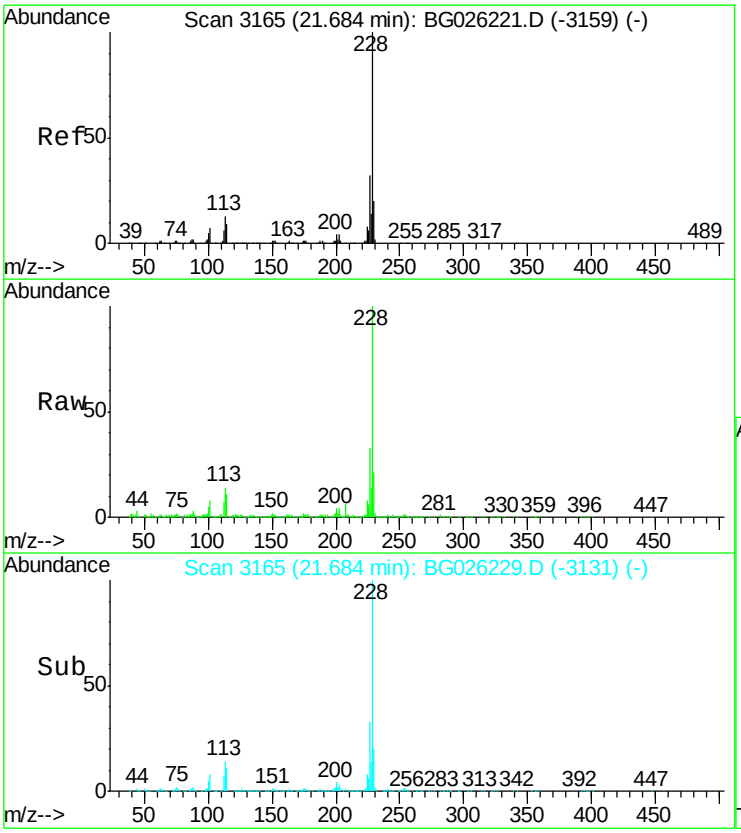
#21
Benzo(a)anthracene
Concen: 14.89 ng/ul
RT: 21.62 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG026229.D
Acq: 14 Mar 2017 2:22

Instrument :
BNA_G
ClientSampleId :
CB2W8

Tgt Ion:228 Resp: 485168

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.9	23.9
226	29.1	22.1	33.1

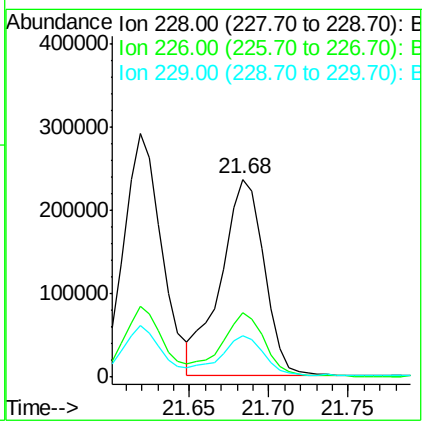


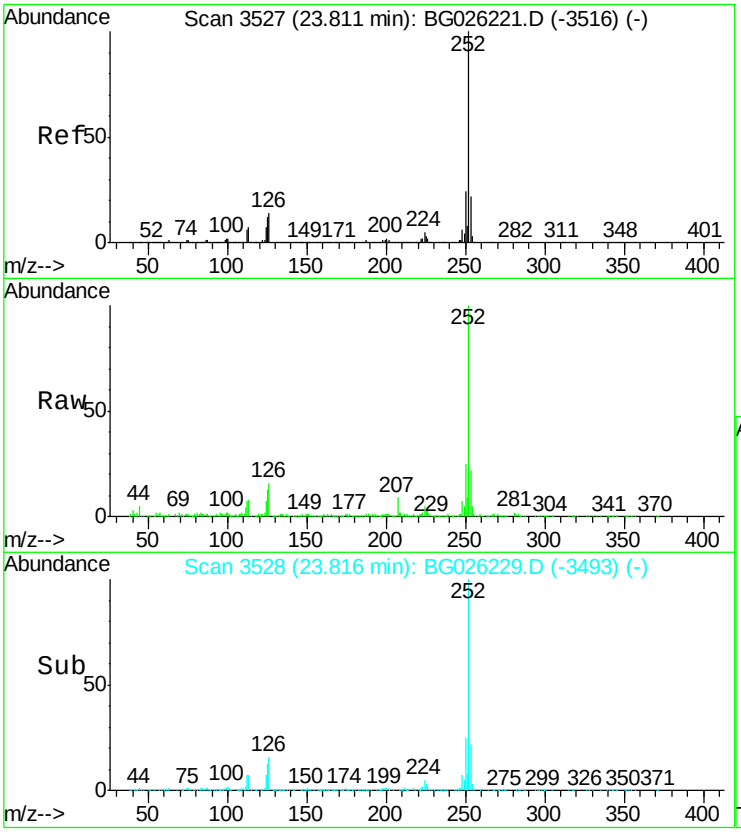


#22
Chrysene
Concen: 14.72 ng/ul
RT: 21.68 min Scan# 3165
Delta R.T. -0.00 min
Lab File: BG026229.D
Acq: 14 Mar 2017 2:22

Tgt Ion:228 Resp: 447392

Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.0	37.6
229	21.2	16.6	25.0



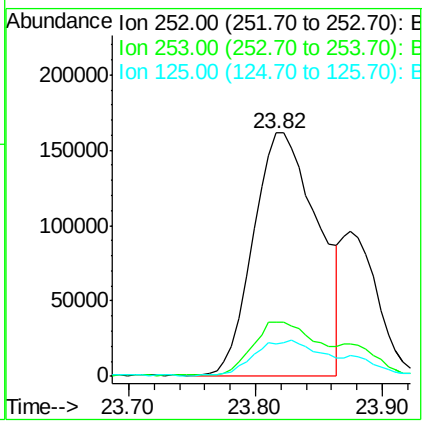


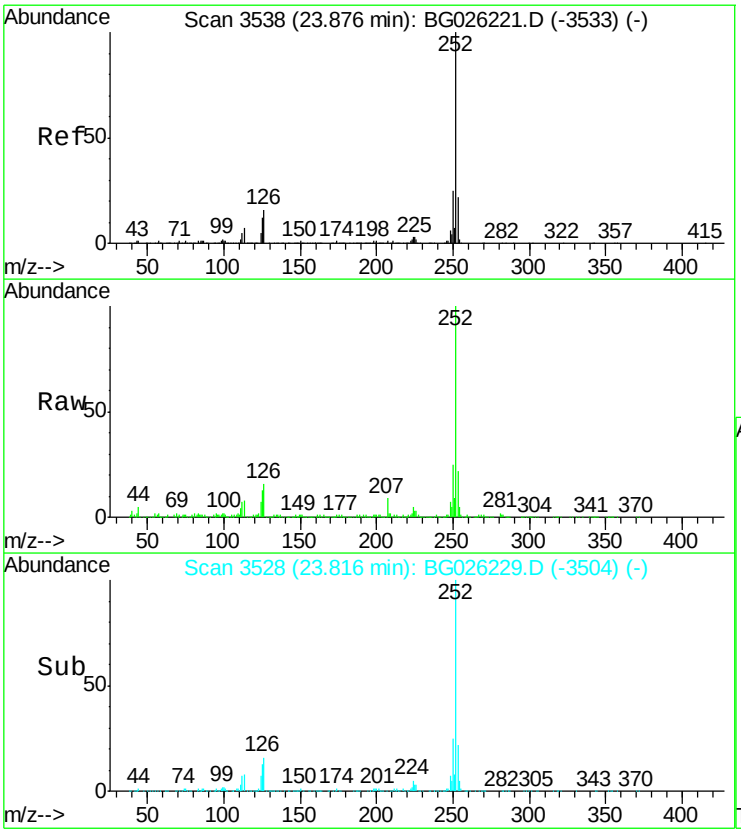
#24
Benzo(b)fluoranthene
Concen: 17.76 ng/ul
RT: 23.82 min Scan# 3528
Delta R.T. 0.01 min
Lab File: BG026229.D
Acq: 14 Mar 2017 2:22

Instrument :
BNA_G
ClientSampleId :
CB2W8

Tgt Ion:252 Resp: 569009

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	13.3	9.4	14.0

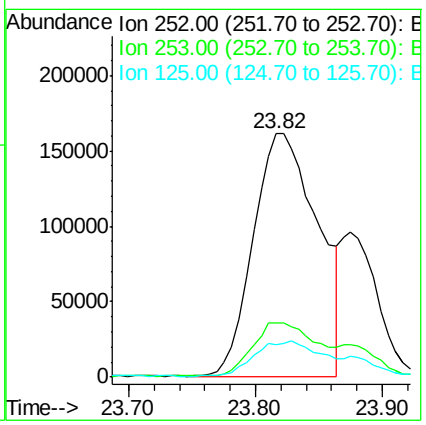


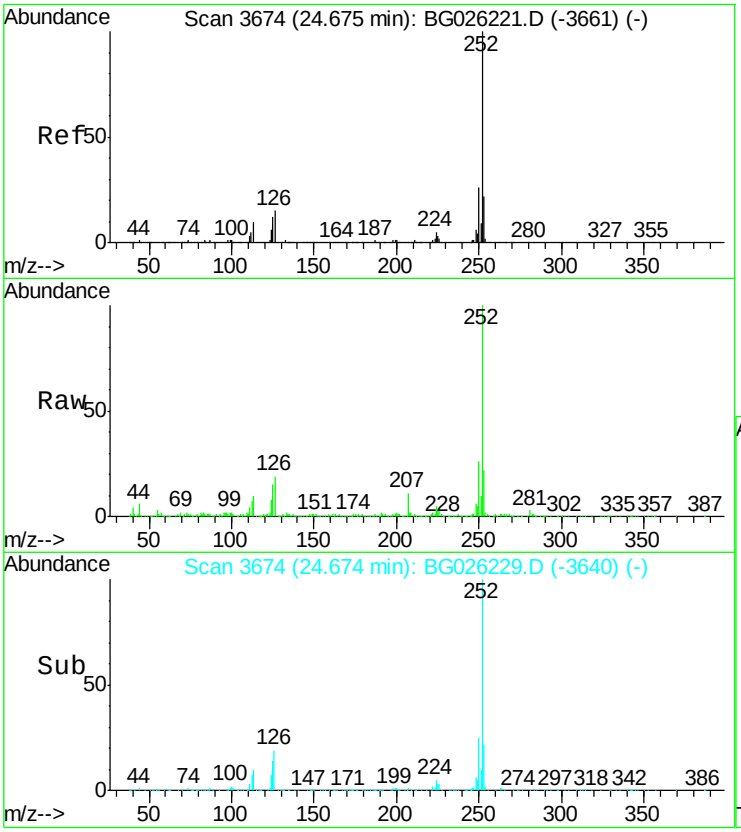


#25
Benzo(k)fluoranthene
Concen: 18.60 ng/ul
RT: 23.82 min Scan# 3528
Delta R.T. -0.06 min
Lab File: BG026229.D
Acq: 14 Mar 2017 2:22

Tgt Ion:252 Resp: 569009

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	13.3	8.8	13.2#



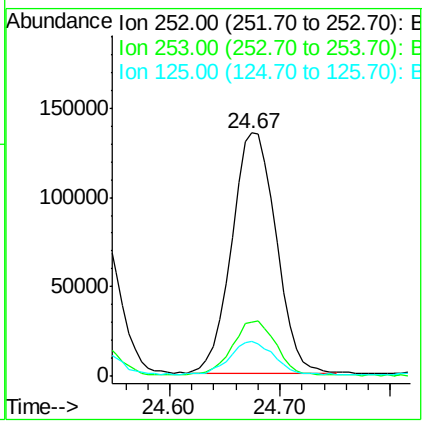


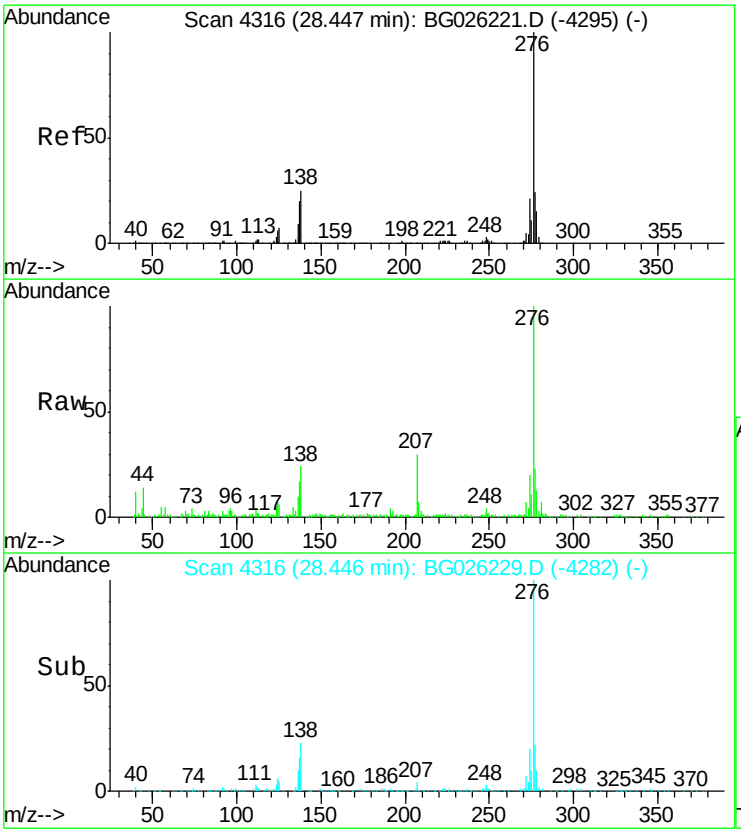
#27
Benzo(a)pyrene
Concen: 12.73 ng/ul
RT: 24.67 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG026229.D
Acq: 14 Mar 2017 2:22

Instrument :
BNA_G
ClientSampleId :
CB2W8

Tgt Ion:252 Resp: 379050

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	14.5	9.4	14.2#

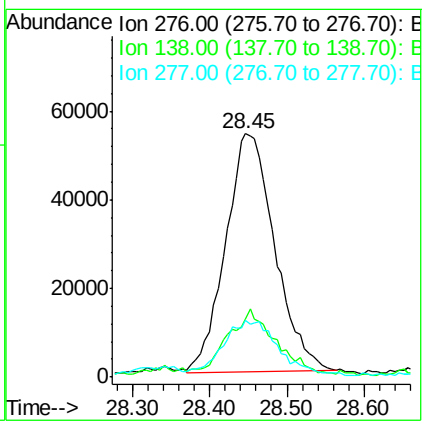


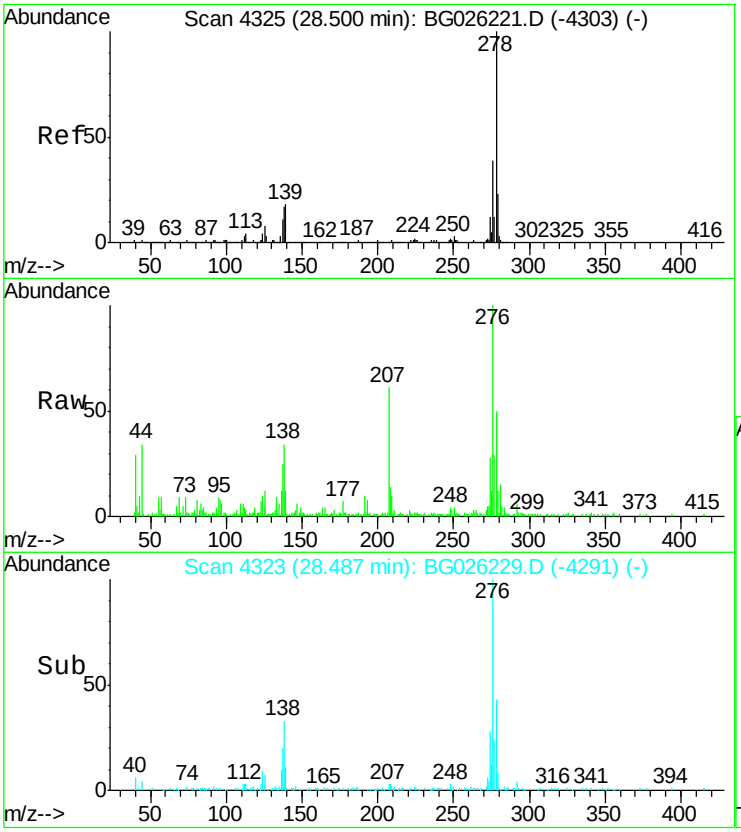


#28
Indeno(1,2,3-cd)pyrene
Concen: 7.19 ng/ul
RT: 28.45 min Scan# 4316
Delta R.T. -0.00 min
Lab File: BG026229.D
Acq: 14 Mar 2017 2:22

Tgt Ion:276 Resp: 238458

Ion	Ratio	Lower	Upper
276	100		
138	23.7	17.8	26.6
277	23.4	19.4	29.0



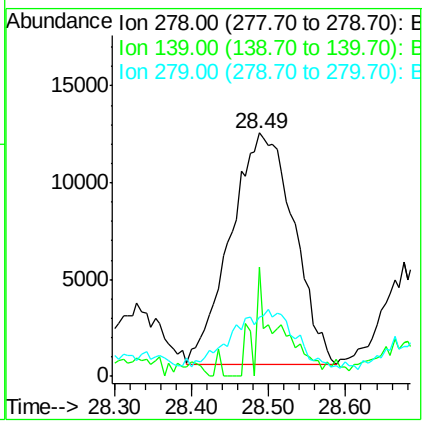


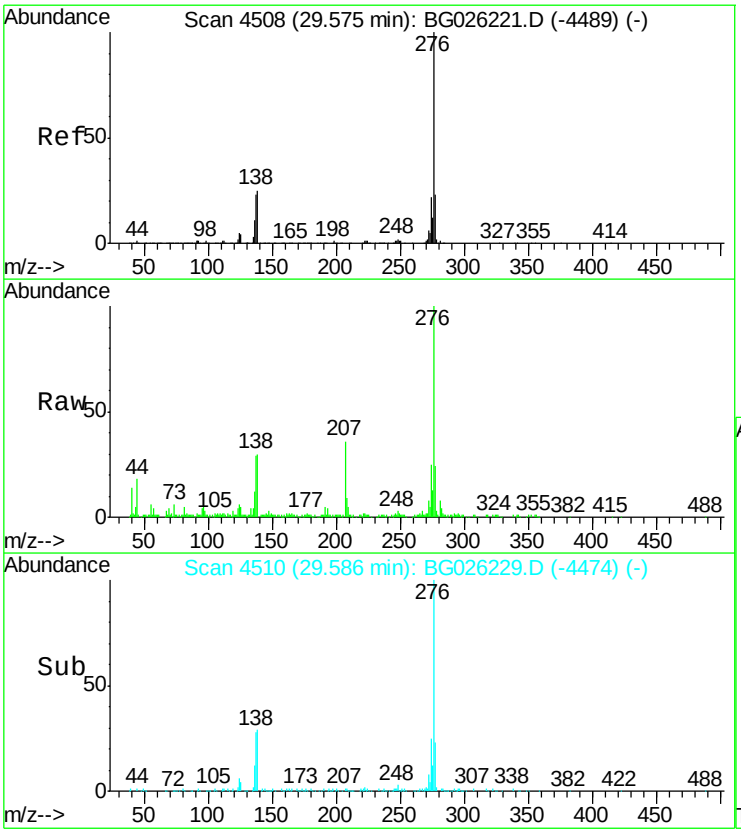
#29
Dibenzo(a,h)anthracene
Concen: 2.62 ng/ul
RT: 28.49 min Scan# 4323
Delta R.T. -0.01 min
Lab File: BG026229.D
Acq: 14 Mar 2017 2:22

Instrument :
BNA_G
ClientSampleId :
CB2W8

Tgt Ion:278 Resp: 68311

Ion	Ratio	Lower	Upper
278	100		
139	45.1	14.0	21.0#
279	24.6	20.6	31.0





#30
Benzo(g,h,i)perylene
Concen: 4.71 ng/ul
RT: 29.59 min Scan# 4510
Delta R.T. 0.01 min
Lab File: BG026229.D
Acq: 14 Mar 2017 2:22

Tgt Ion:276 Resp: 133325

Ion	Ratio	Lower	Upper
276	100		
138	29.8	19.0	28.4#
277	23.5	19.7	29.5