Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031317\
Data File : BG026230.D
Acq On : 14 Mar 2017 3:02
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02025

Quant Time: Mar 15 06:55:29 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	88323	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	446809	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.67	164	267856	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.40	188	602672	20.00	ng/ul	0.00
18) Chrysene-d12	21.65	240	635517	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	604814	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	118660	17.93	ng/uL	0.00
7) Acenaphthylene-d8	14.36	160	527644	23.10	ng/ul	0.00
10) Fluorene-d10	15.65	176	379103	22.76	ng/ul	0.00
15) Anthracene-d10	17.49	188	549222	20.51	ng/ul	0.00
19) Pyrene-d10	19.77	212	585394	18.05	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	555035	21.28	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.91	128	439806	20.12	ng/ul	99
5) 2-Methylnaphthalene	12.50	142	346470	21.37	ng/ul	98
8) Acenaphthylene	14.39	152	538642	23.09	ng/ul	99
9) Acenaphthene	14.73	153	388518	23.56	ng/ul	98
11) Fluorene	15.70	166	438829	23.58	ng/ul	99
13) Pentachlorophenol	17.04	265	3149	14.00	ng/uL	93
14) Phenanthrene	17.44	178	672144	21.05	ng/ul	100
16) Anthracene	17.53	178	666766	20.67	ng/ul	98
17) Fluoranthene	19.44	202	733588	22.12	ng/ul	99
20) Pyrene	19.80	202	745786	18.43	ng/ul	99
21) Benzo(a)anthracene	21.62	228	729819	20.63	ng/ul	99
22) Chrysene	21.69	228	687641	20.84	ng/ul	98
24) Benzo(b)fluoranthene	23.82	252	724483	21.10	ng/ul	99
25) Benzo(k)fluoranthene	23.82	252	724483	22.10	ng/ul	98
27) Benzo(a)pyrene	24.68	252	699669	21.93	ng/ul#	95
28) Indeno(1,2,3-cd)pyrene	28.47	276	822464	23.14	ng/ul	96
29) Dibenzo(a,h)anthracene	28.52	278	656082	23.48	ng/ul	95
30) Benzo(g,h,i)perylene	29.59	276	674763	22.26	ng/ul	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031317\
Data File : BG026230.D
Acq On : 14 Mar 2017 3:02
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02025

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Quant Title : SVOA CALIBRATION
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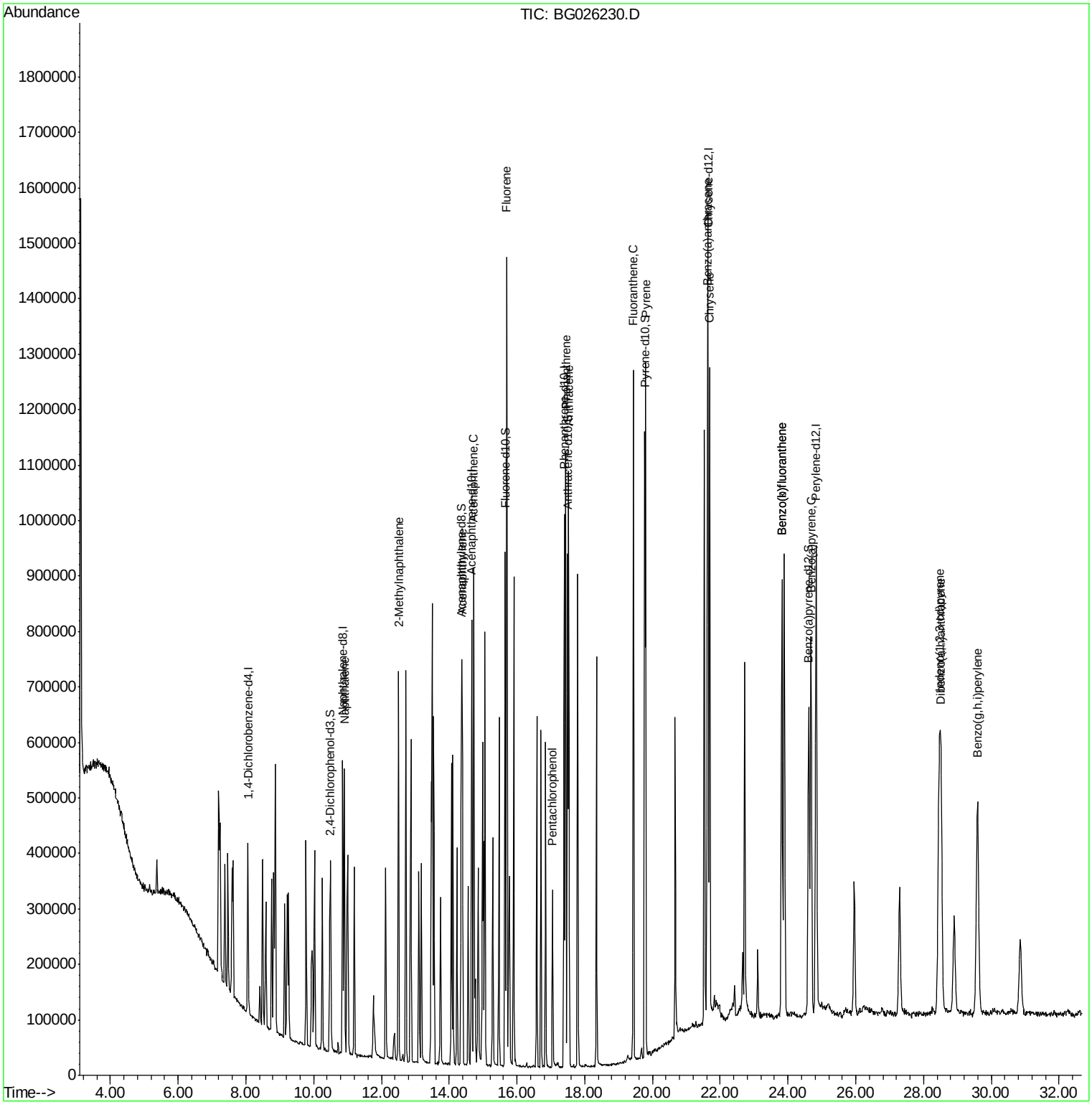
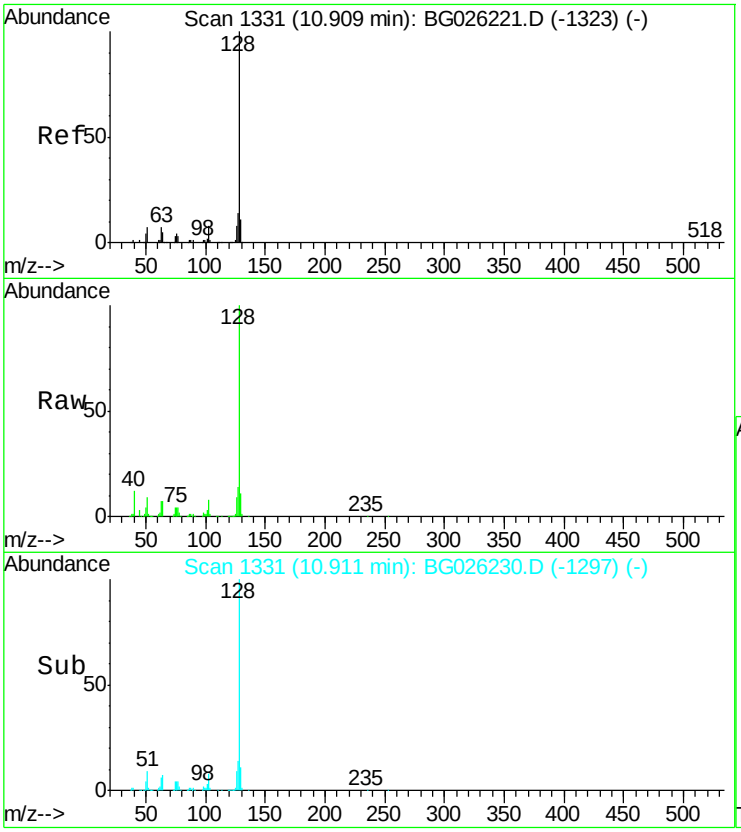


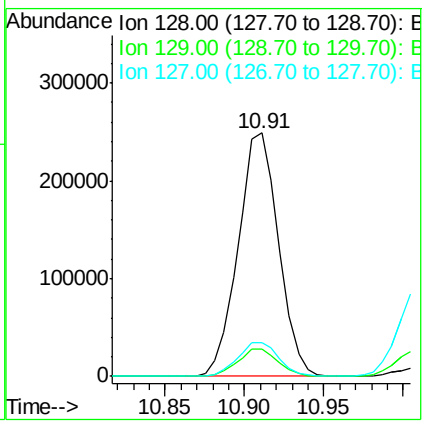


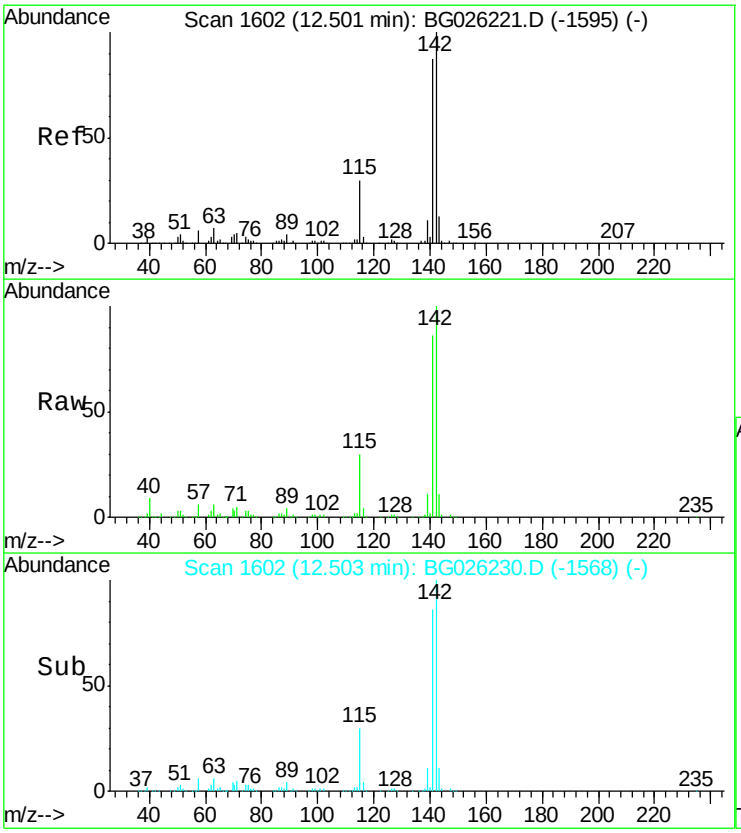
#4
Naphthalene
Concen: 20.12 ng/ul
RT: 10.91 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BG026230.D
Acq: 14 Mar 2017 3:02

Instrument :
BNA_G
ClientSampleId :
SSTD02025

Tgt Ion:128 Resp: 439806

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.9	10.6	15.8

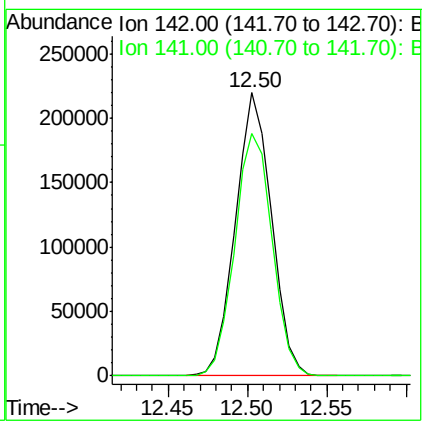


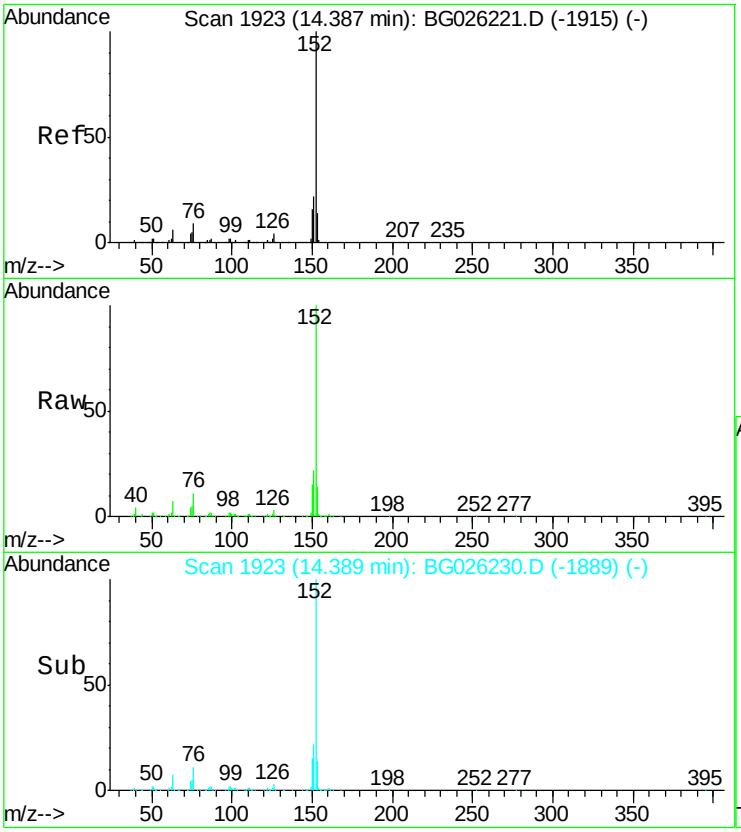


#5
2-Methylnaphthalene
Concen: 21.37 ng/ul
RT: 12.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BG026230.D
Acq: 14 Mar 2017 3:02

Tgt Ion:142 Resp: 346470

Ion	Ratio	Lower	Upper
142	100		
141	85.9	69.8	104.8



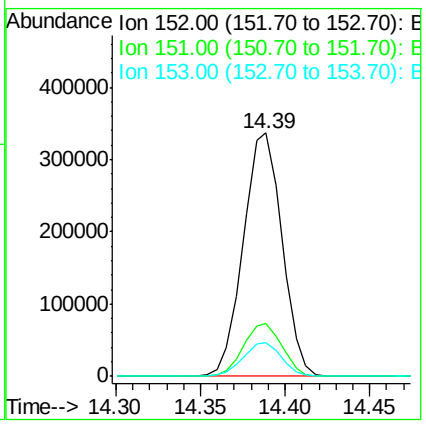


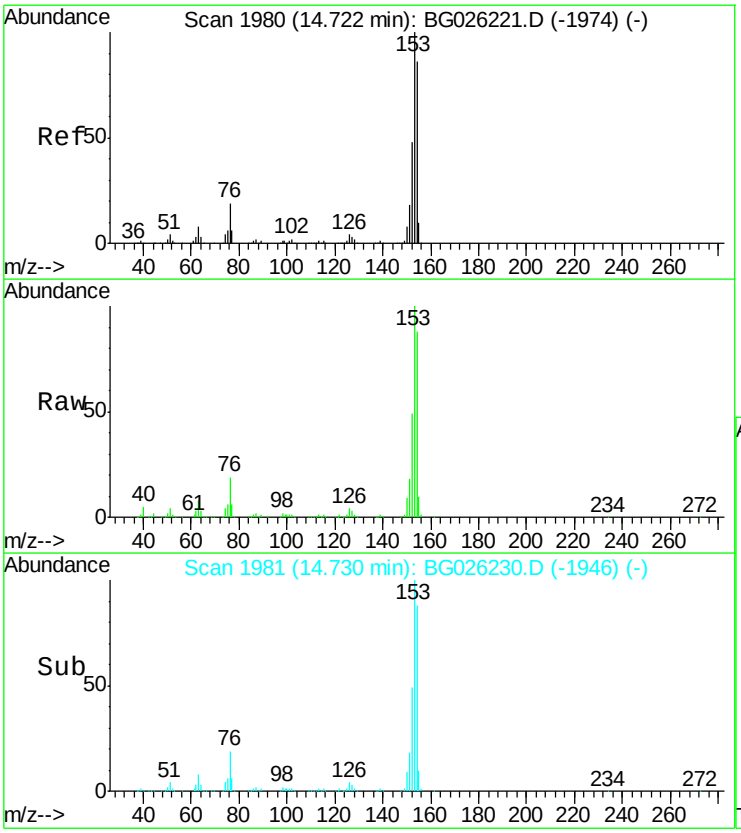
#8
Acenaphthylene
Concen: 23.09 ng/ul
RT: 14.39 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BG026230.D
Acq: 14 Mar 2017 3:02

Instrument :
BNA_G
ClientSampleId :
SSTD02025

Tgt Ion:152 Resp: 538642

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.5	26.3
153	13.7	10.6	16.0

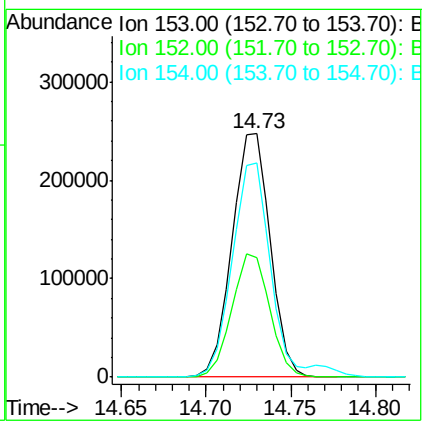


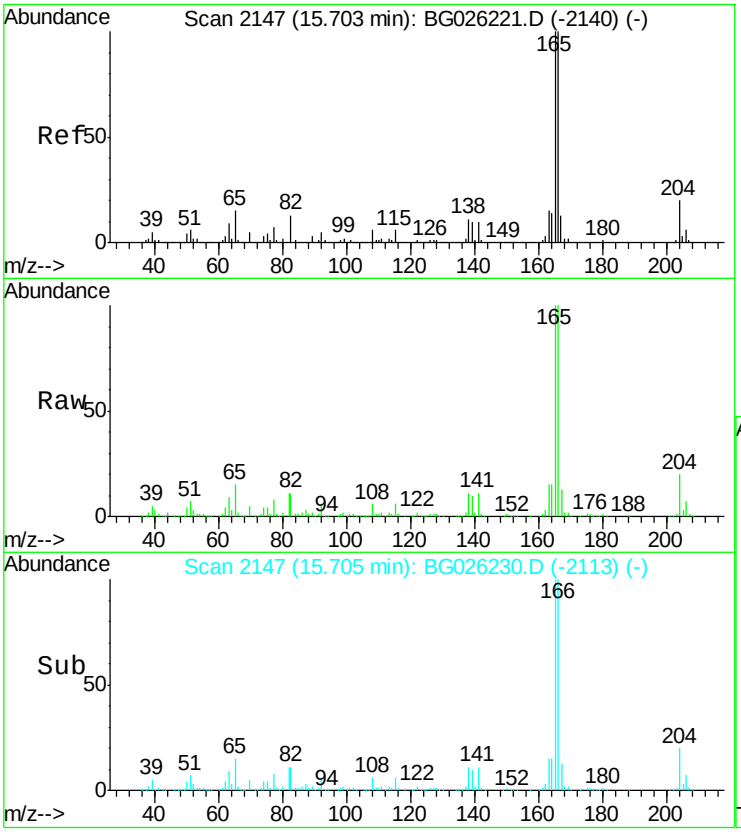


#9
Acenaphthene
Concen: 23.56 ng/ul
RT: 14.73 min Scan# 1981
Delta R.T. 0.01 min
Lab File: BG026230.D
Acq: 14 Mar 2017 3:02

Tgt Ion:153 Resp: 388518

Ion	Ratio	Lower	Upper
153	100		
152	48.8	37.9	56.9
154	87.9	71.6	107.4



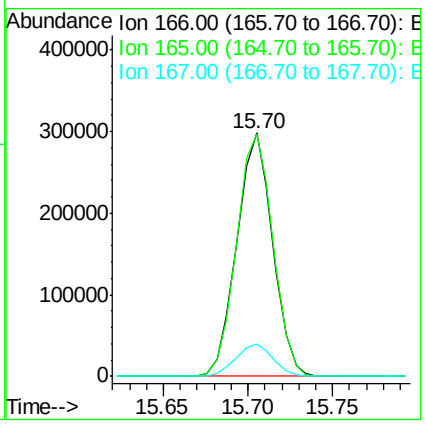


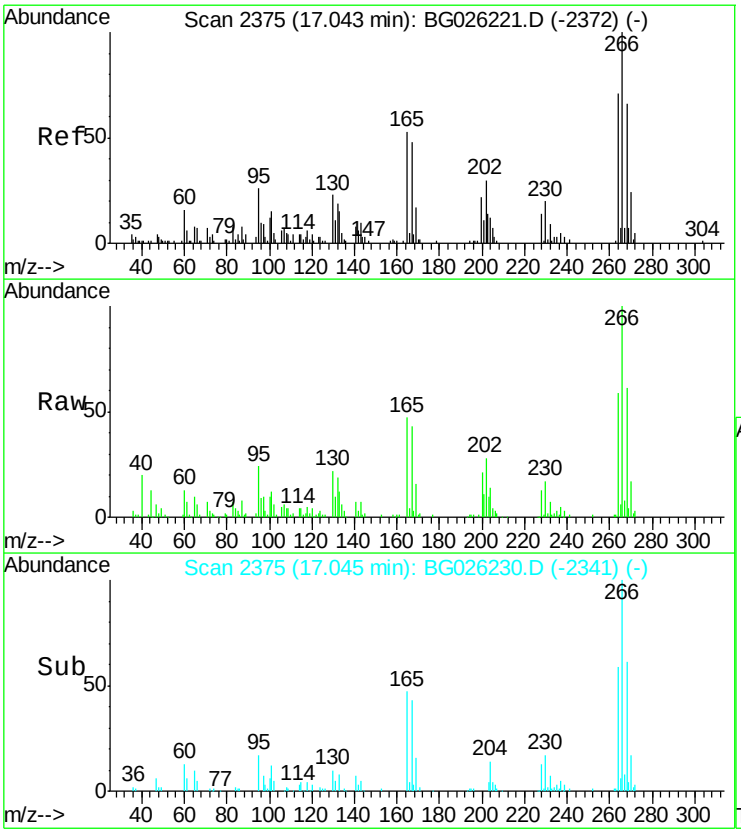
#11
Fluorene
Concen: 23.58 ng/ul
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG026230.D
Acq: 14 Mar 2017 3:02

Instrument :
BNA_G
ClientSampleId :
SSTD02025

Tgt Ion:166 Resp: 438829

Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.0	120.0
167	13.4	11.6	17.4

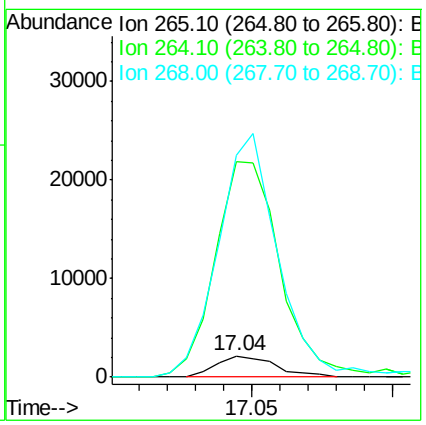


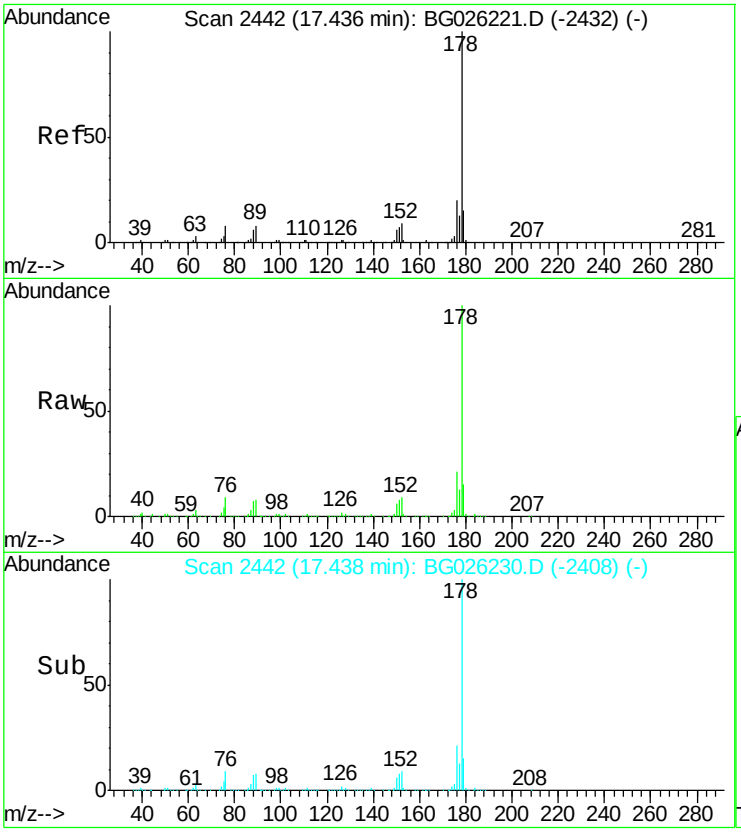


#13
Pentachlorophenol
Concen: 14.00 ng/uL
RT: 17.04 min Scan# 2375
Delta R.T. 0.00 min
Lab File: BG026230.D
Acq: 14 Mar 2017 3:02

Tgt Ion:265 Resp: 3149

Ion	Ratio	Lower	Upper
265	100		
264	1002.8	768.4	1152.6
268	1031.8	806.4	1209.6



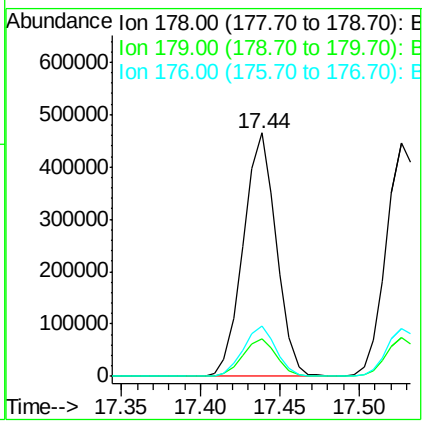


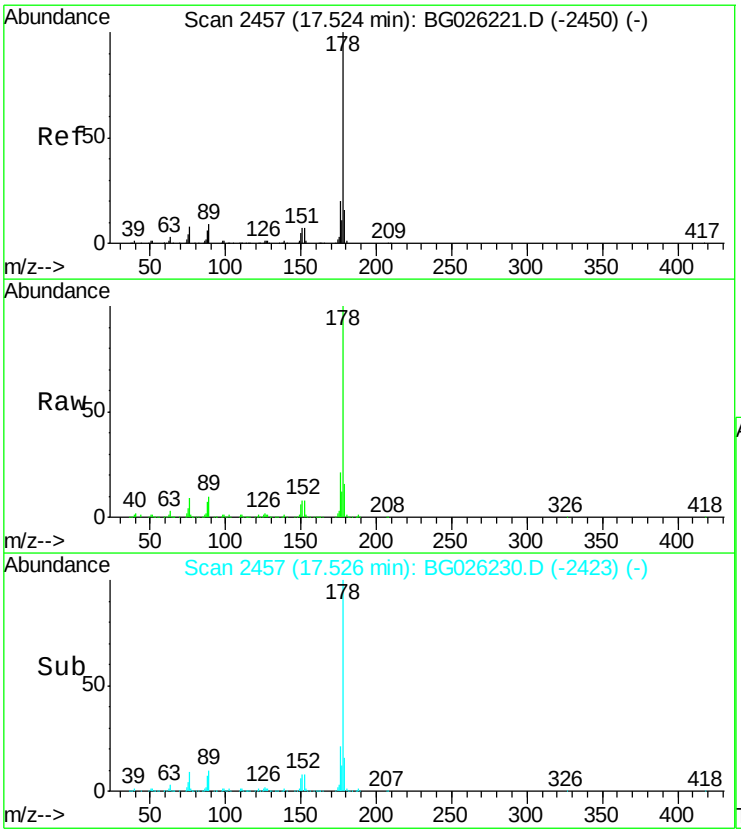
#14
Phenanthrene
Concen: 21.05 ng/ul
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG026230.D
Acq: 14 Mar 2017 3:02

Instrument :
BNA_G
ClientSampleId :
SSTD02025

Tgt Ion:178 Resp: 672144

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	20.8	16.4	24.6

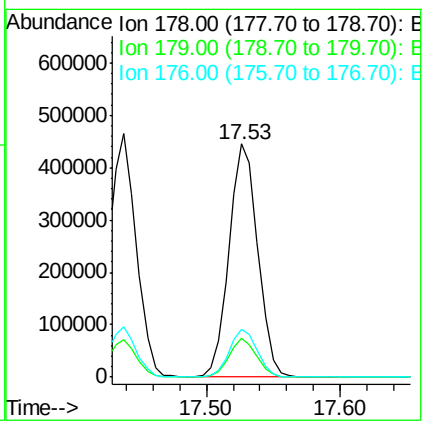


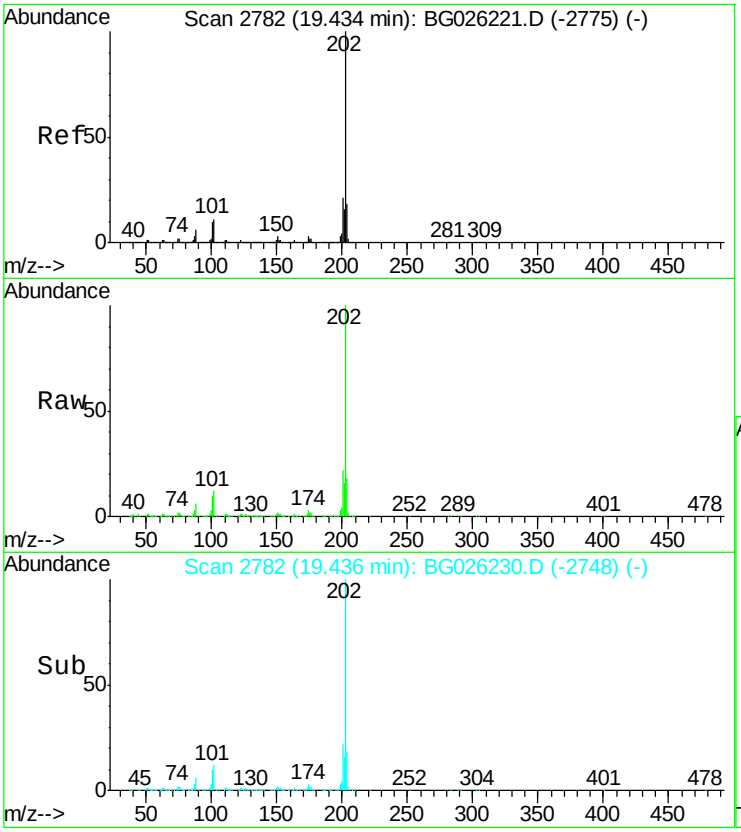


#16
Anthracene
Concen: 20.67 ng/ul
RT: 17.53 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG026230.D
Acq: 14 Mar 2017 3:02

Tgt Ion:178 Resp: 666766

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.7	19.1
176	20.7	15.8	23.8



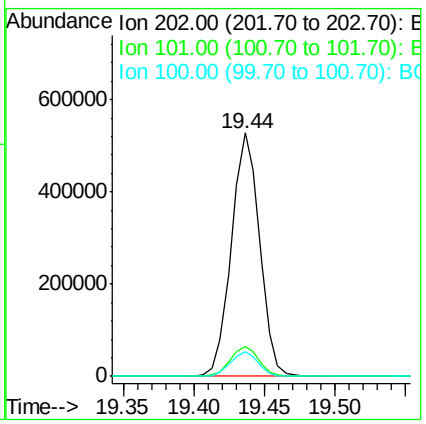


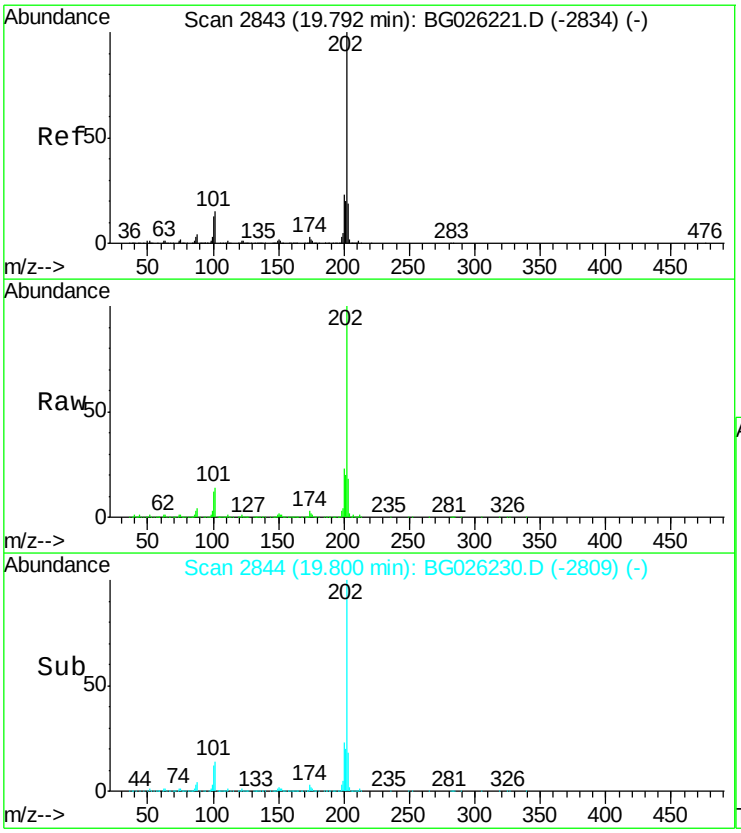
#17
Fluoranthene
Concen: 22.12 ng/ul
RT: 19.44 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BG026230.D
Acq: 14 Mar 2017 3:02

Instrument :
BNA_G
ClientSampleId :
SSTD02025

Tgt Ion:202 Resp: 733588

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.8	14.8
100	10.0	7.5	11.3

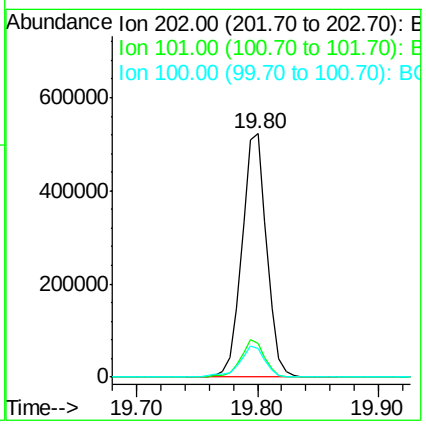


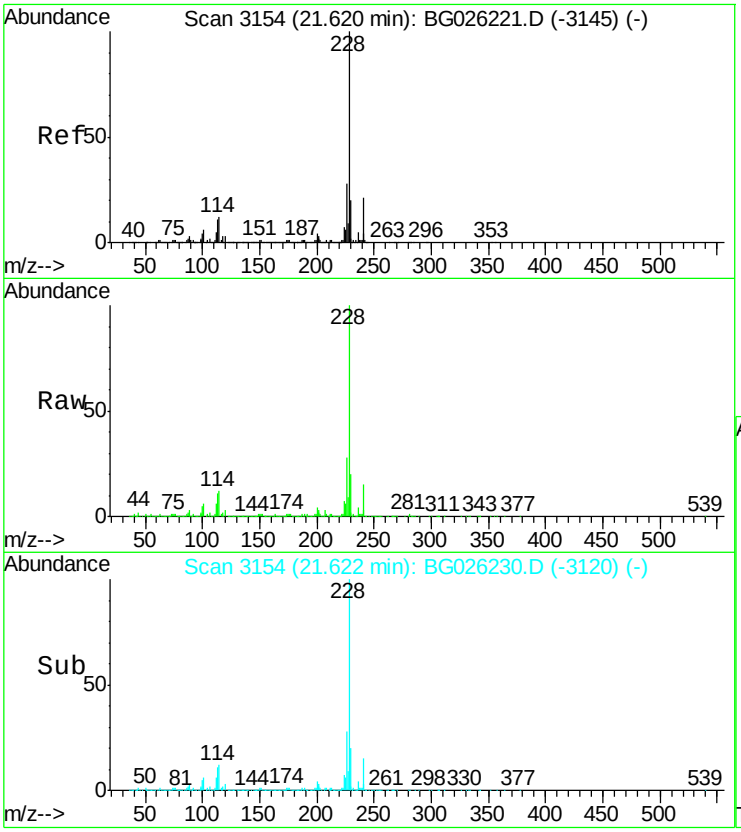


#20
Pyrene
Concen: 18.43 ng/ul
RT: 19.80 min Scan# 2844
Delta R.T. 0.01 min
Lab File: BG026230.D
Acq: 14 Mar 2017 3:02

Tgt Ion:202 Resp: 745786

Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.2	16.8
100	11.8	9.8	14.6



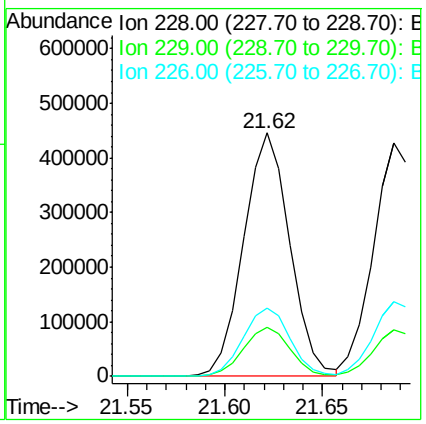


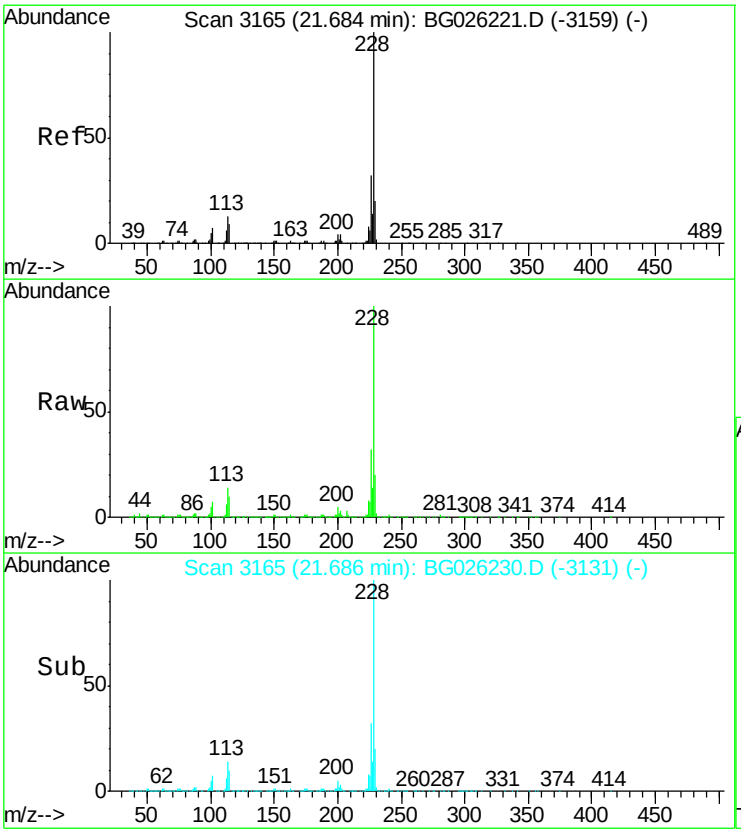
#21
Benzo(a)anthracene
Concen: 20.63 ng/ul
RT: 21.62 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BG026230.D
Acq: 14 Mar 2017 3:02

Instrument :
BNA_G
ClientSampleId :
SSTD02025

Tgt Ion:228 Resp: 729819

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.9	23.9
226	28.2	22.1	33.1

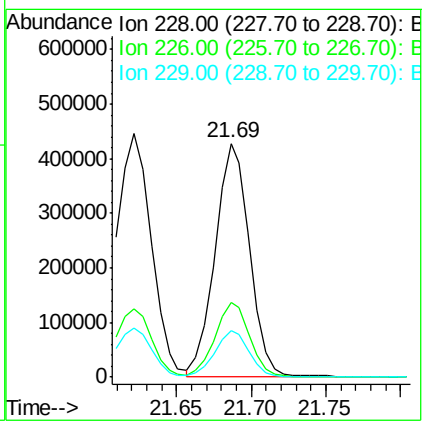


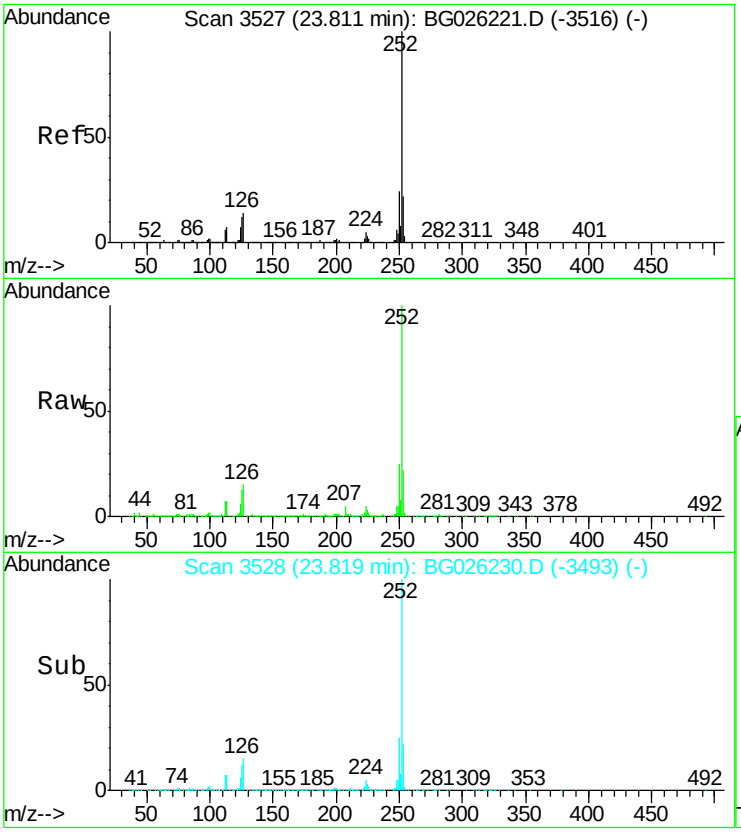


#22
Chrysene
Concen: 20.84 ng/ul
RT: 21.69 min Scan# 3165
Delta R.T. 0.00 min
Lab File: BG026230.D
Acq: 14 Mar 2017 3:02

Tgt Ion:228 Resp: 687641

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.6
229	19.9	16.6	25.0



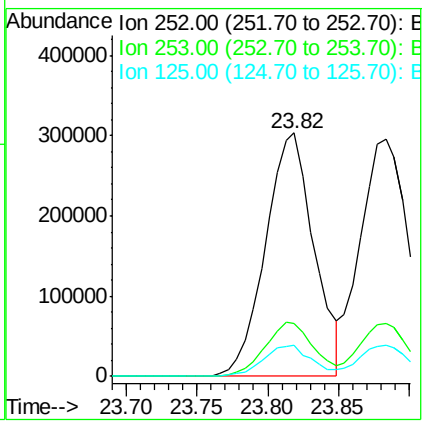


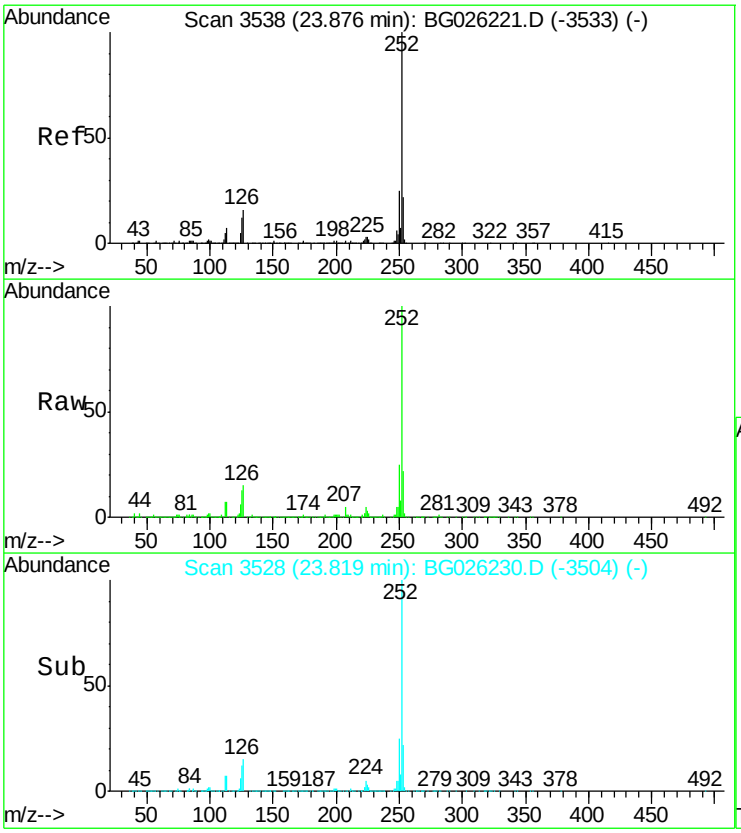
#24
Benzo(b)fluoranthene
Concen: 21.10 ng/ul
RT: 23.82 min Scan# 3528
Delta R.T. 0.01 min
Lab File: BG026230.D
Acq: 14 Mar 2017 3:02

Instrument :
BNA_G
ClientSampleId :
SSTD02025

Tgt Ion:252 Resp: 724483

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	12.6	9.4	14.0

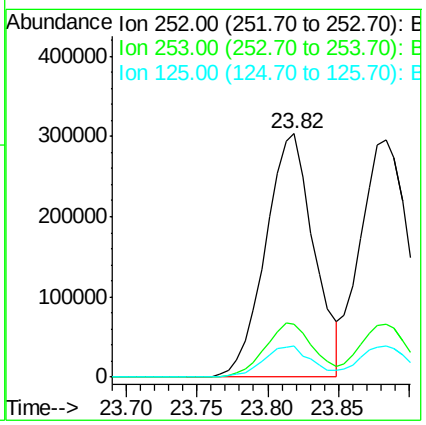


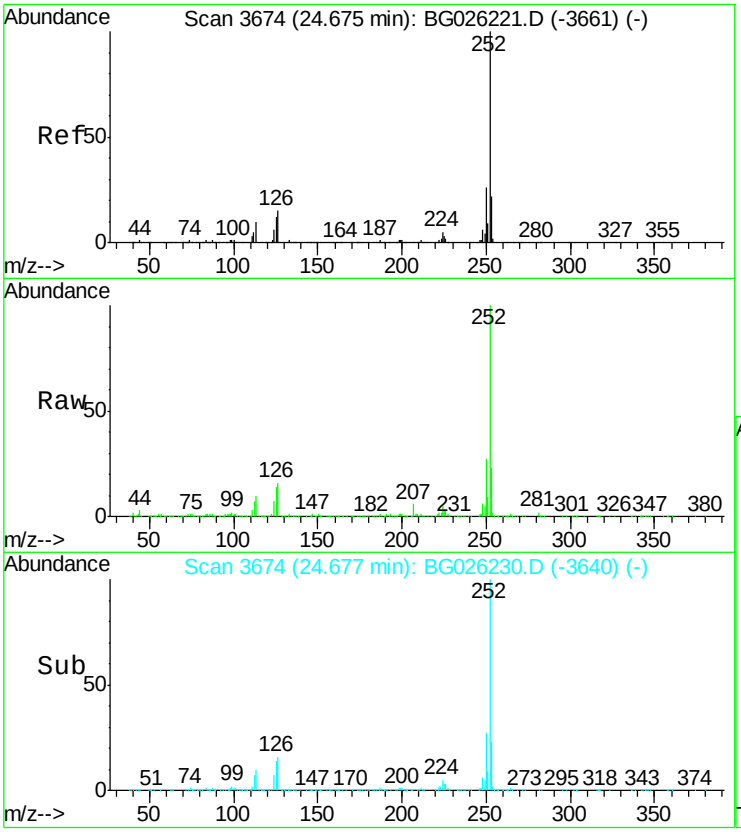


#25
Benzo(k)fluoranthene
Concen: 22.10 ng/ul
RT: 23.82 min Scan# 3528
Delta R.T. -0.06 min
Lab File: BG026230.D
Acq: 14 Mar 2017 3:02

Tgt Ion:252 Resp: 724483

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	12.6	8.8	13.2



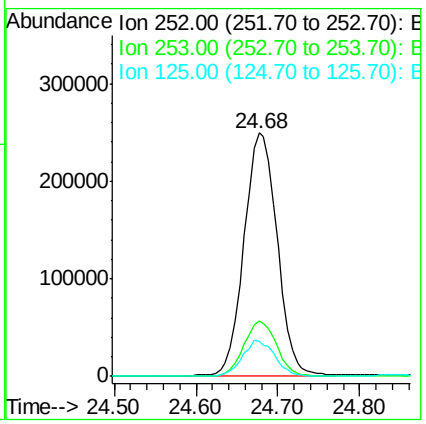


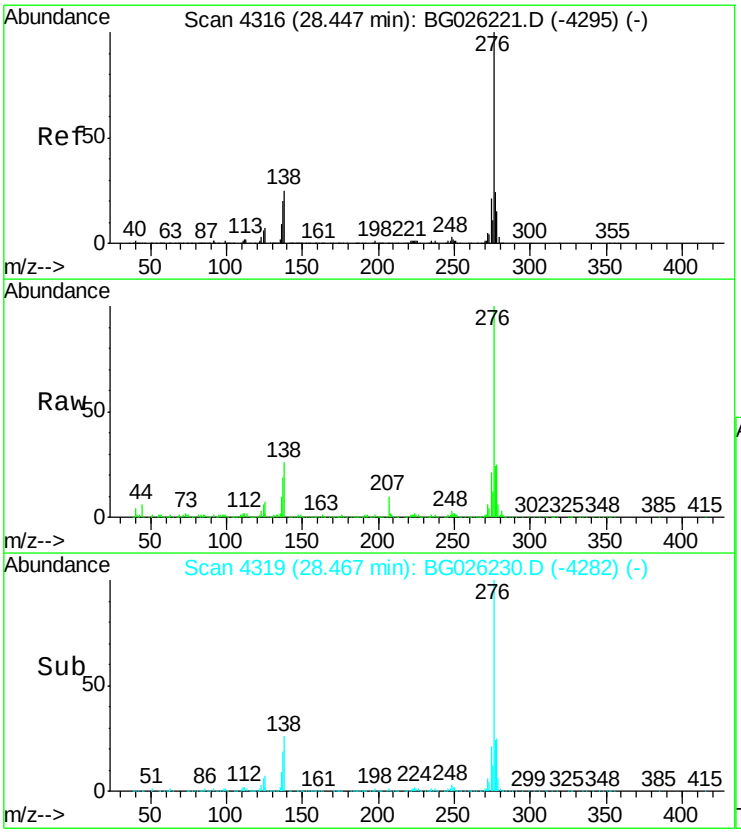
#27
Benzo(a)pyrene
Concen: 21.93 ng/ul
RT: 24.68 min Scan# 3674
Delta R.T. 0.00 min
Lab File: BG026230.D
Acq: 14 Mar 2017 3:02

Instrument :
BNA_G
ClientSampleId :
SSTD02025

Tgt Ion:252 Resp: 699669

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	14.3	9.4	14.2#

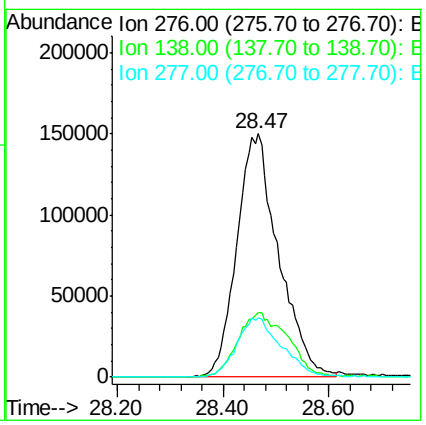


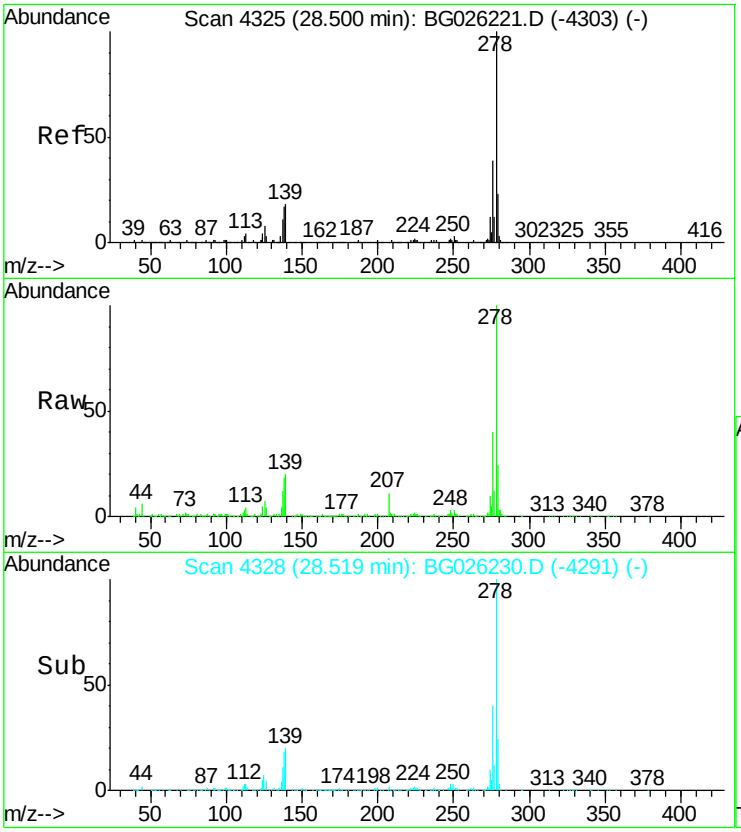


#28
Indeno(1,2,3-cd)pyrene
Concen: 23.14 ng/ul
RT: 28.47 min Scan# 4319
Delta R.T. 0.02 min
Lab File: BG026230.D
Acq: 14 Mar 2017 3:02

Tgt Ion:276 Resp: 822464

Ion	Ratio	Lower	Upper
276	100		
138	26.3	17.8	26.6
277	24.3	19.4	29.0



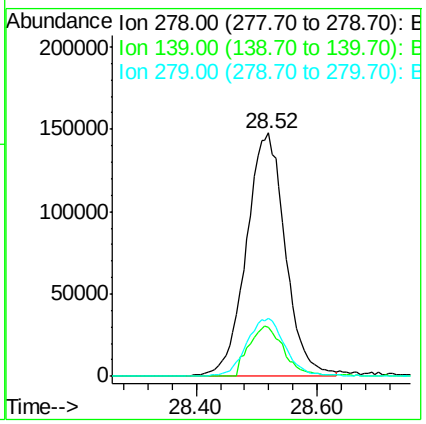


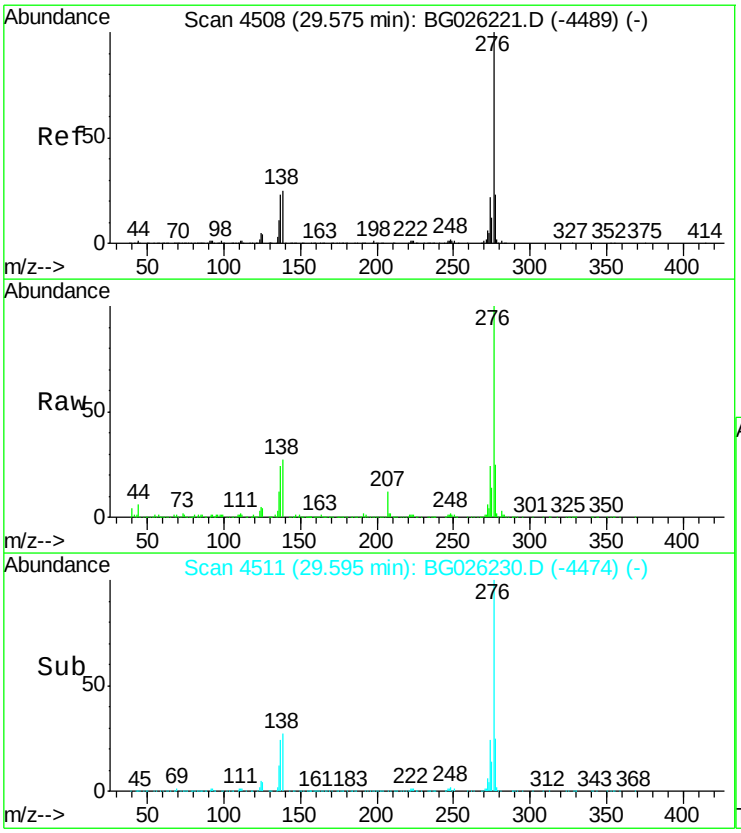
#29
Dibenzo(a,h)anthracene
Concen: 23.48 ng/ul
RT: 28.52 min Scan# 4328
Delta R.T. 0.02 min
Lab File: BG026230.D
Acq: 14 Mar 2017 3:02

Instrument :
BNA_G
ClientSampleId :
SSTD02025

Tgt Ion:278 Resp: 656082

Ion	Ratio	Lower	Upper
278	100		
139	20.4	14.0	21.0
279	23.7	20.6	31.0





#30
Benzo(g,h,i)perylene
Concen: 22.26 ng/ul
RT: 29.59 min Scan# 4511
Delta R.T. 0.02 min
Lab File: BG026230.D
Acq: 14 Mar 2017 3:02

Tgt Ion:276 Resp: 674763

Ion	Ratio	Lower	Upper
276	100		
138	27.2	19.0	28.4
277	24.6	19.7	29.5