Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
Data File : BG026294.D
Acq On : 17 Mar 2017 23:13
Operator : SJ/MA
Sample : I2218-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB2Z6

Quant Time: Mar 18 00:30:35 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 18 00:29:44 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	142760	20.00	ng/ul	0.00
2) Naphthalene-d8	10.85	136	665870	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	358235	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	707921	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	696049	20.00	ng/ul	0.00
23) Perylene-d12	24.82	264	652665	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.47	165	137799	13.97	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	783683	25.66	ng/ul	0.00
10) Fluorene-d10	15.64	176	539505	24.21	ng/ul	0.00
15) Anthracene-d10	17.49	188	692323	22.01	ng/ul	0.00
19) Pyrene-d10	19.77	212	745892	21.00	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	681458	24.21	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.90	128	43818	1.35	ng/ul#	94
5) 2-Methylnaphthalene	12.50	142	25301	1.05	ng/ul	99
9) Acenaphthene	14.72	153	66624	3.02	ng/ul	96
11) Fluorene	15.70	166	79068	3.18	ng/ul	96
14) Phenanthrene	17.44	178	975842	26.01	ng/ul	99
16) Anthracene	17.52	178	152661	4.03	ng/ul	100
17) Fluoranthene	19.43	202	1200155	30.81	ng/ul	97
20) Pyrene	19.80	202	1060075	23.92	ng/ul	99
21) Benzo(a)anthracene	21.62	228	497610	12.85	ng/ul	100
22) Chrysene	21.68	228	513818	14.21	ng/ul	99
24) Benzo(b)fluoranthene	23.82	252	610319	16.47	ng/ul	97
25) Benzo(k)fluoranthene	23.82	252	610319	17.25	ng/ul#	95
27) Benzo(a)pyrene	24.67	252	381742	11.09	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.46	276	214572	5.64	ng/ul	100
30) Benzo(g,h,i)perylene	29.59	276	158551	4.87	ng/ul	99

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

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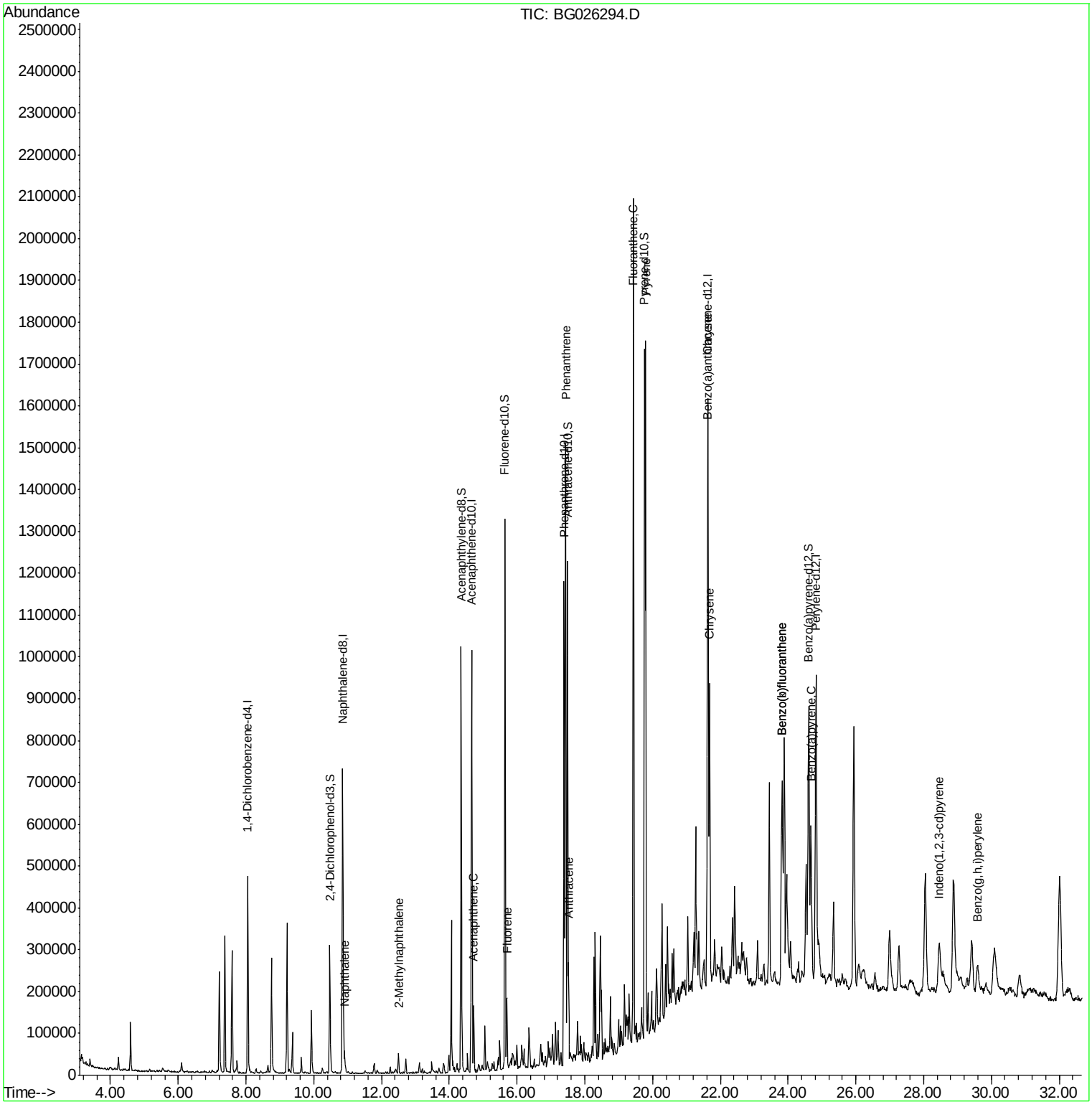
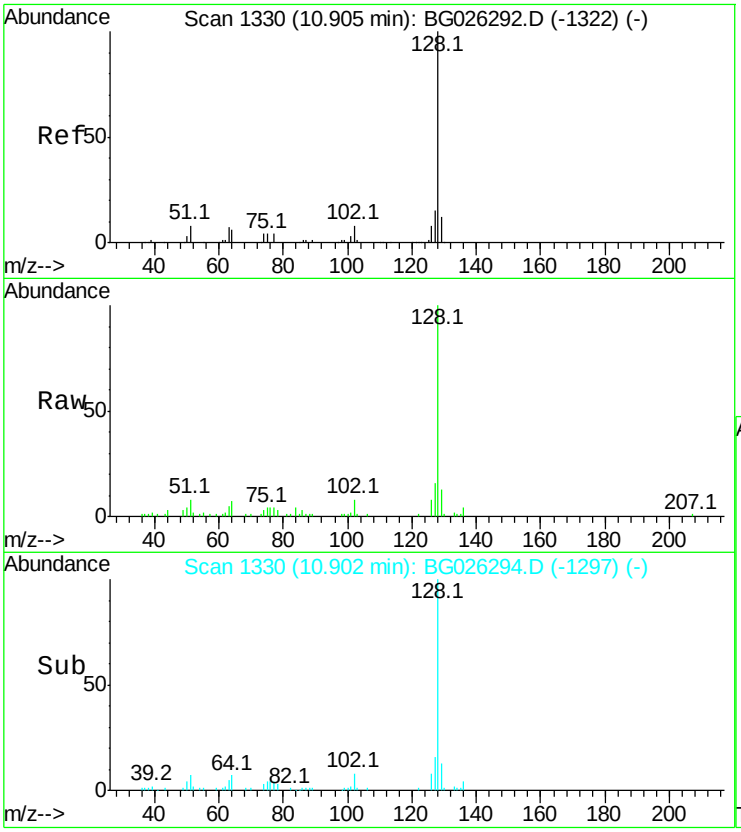


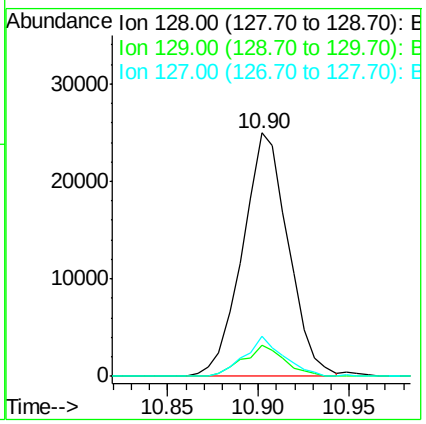


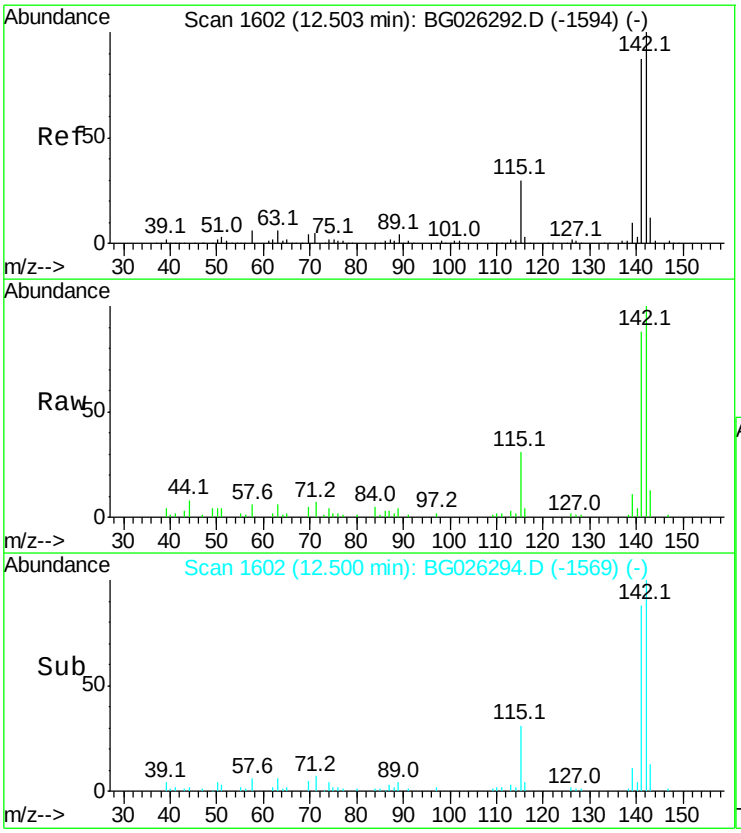
#4
Naphthalene
Concen: 1.35 ng/ul
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG026294.D
Acq: 17 Mar 2017 23:13

Instrument :
BNA_G
ClientSampleId :
CB2Z6

Tgt Ion:128 Resp: 43818

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.1	13.7
127	16.3	10.6	15.8#

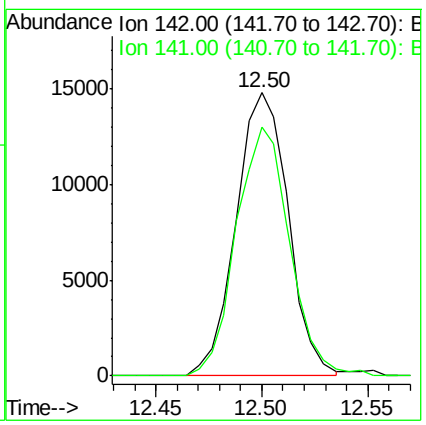


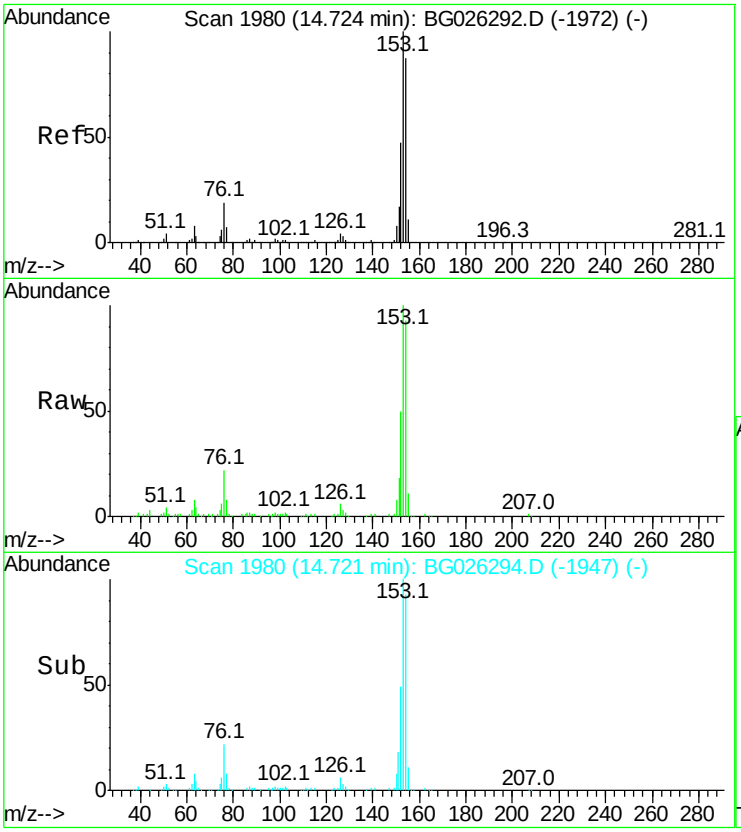


#5
2-Methylnaphthalene
Concen: 1.05 ng/ul
RT: 12.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BG026294.D
Acq: 17 Mar 2017 23:13

Tgt Ion:142 Resp: 25301

Ion	Ratio	Lower	Upper
142	100		
141	87.9	69.8	104.8



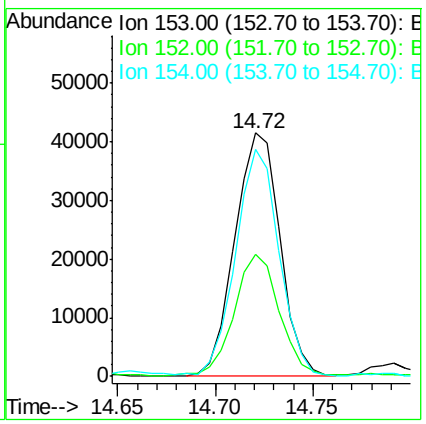


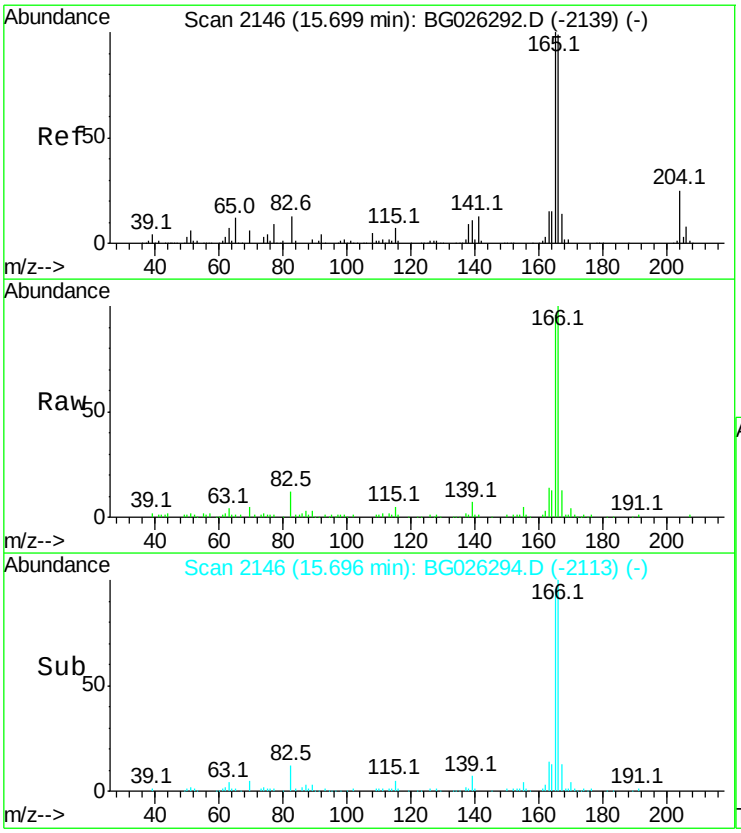
#9
Acenaphthene
Concen: 3.02 ng/ul
RT: 14.72 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG026294.D
Acq: 17 Mar 2017 23:13

Instrument :
BNA_G
ClientSampleId :
CB2Z6

Tgt Ion:153 Resp: 66624

Ion	Ratio	Lower	Upper
153	100		
152	50.1	37.9	56.9
154	93.4	71.6	107.4

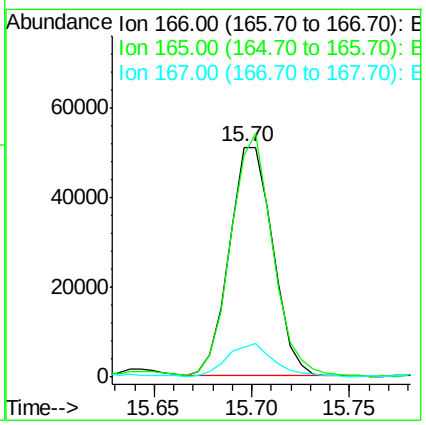


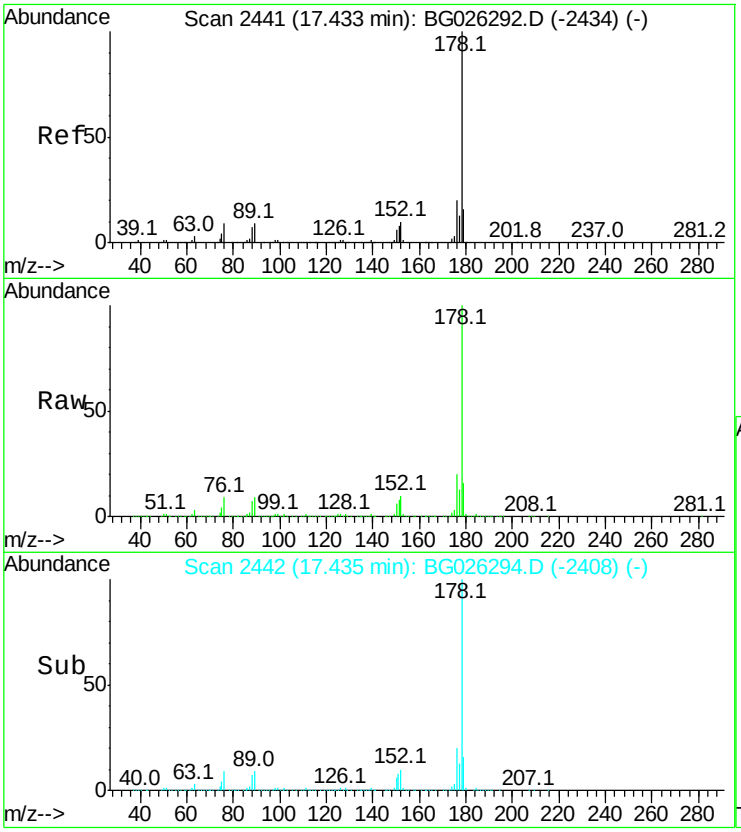


#11
Fluorene
Concen: 3.18 ng/ul
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG026294.D
Acq: 17 Mar 2017 23:13

Tgt Ion:166 Resp: 79068

Ion	Ratio	Lower	Upper
166	100		
165	96.4	80.0	120.0
167	12.9	11.6	17.4



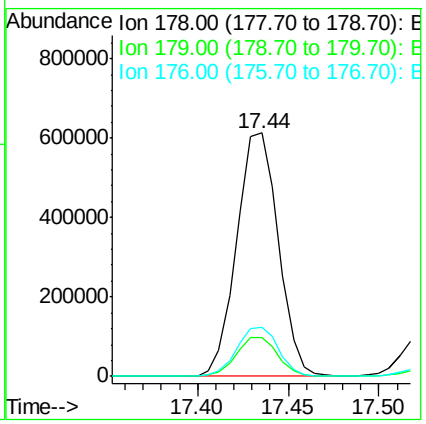


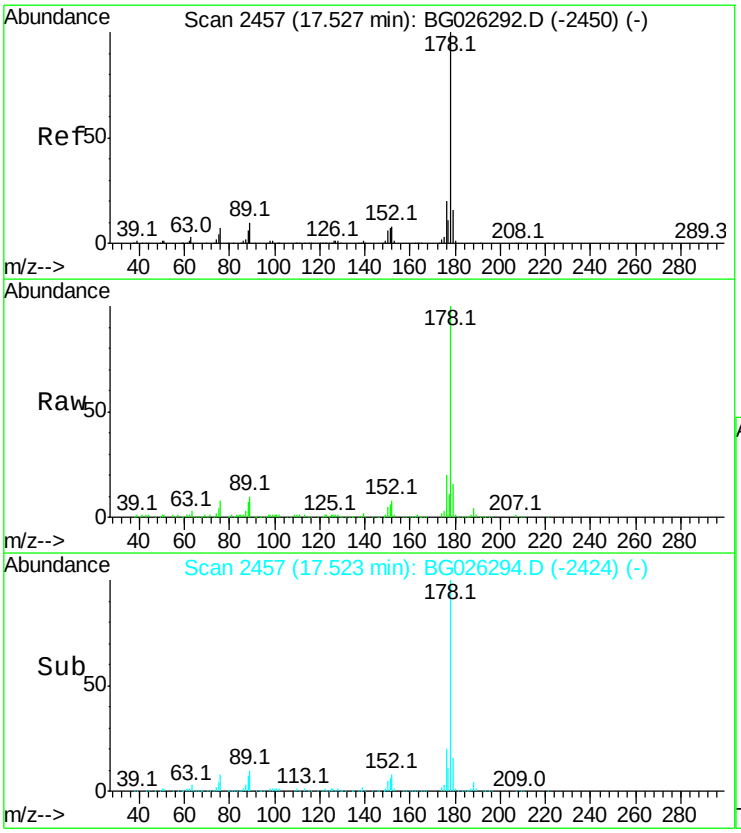
#14
Phenanthrene
Concen: 26.01 ng/ul
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG026294.D
Acq: 17 Mar 2017 23:13

Instrument :
BNA_G
ClientSampleId :
CB2Z6

Tgt Ion:178 Resp: 975842

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.2	18.4
176	20.2	16.4	24.6

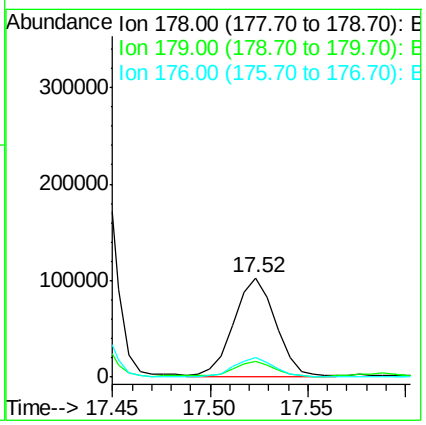


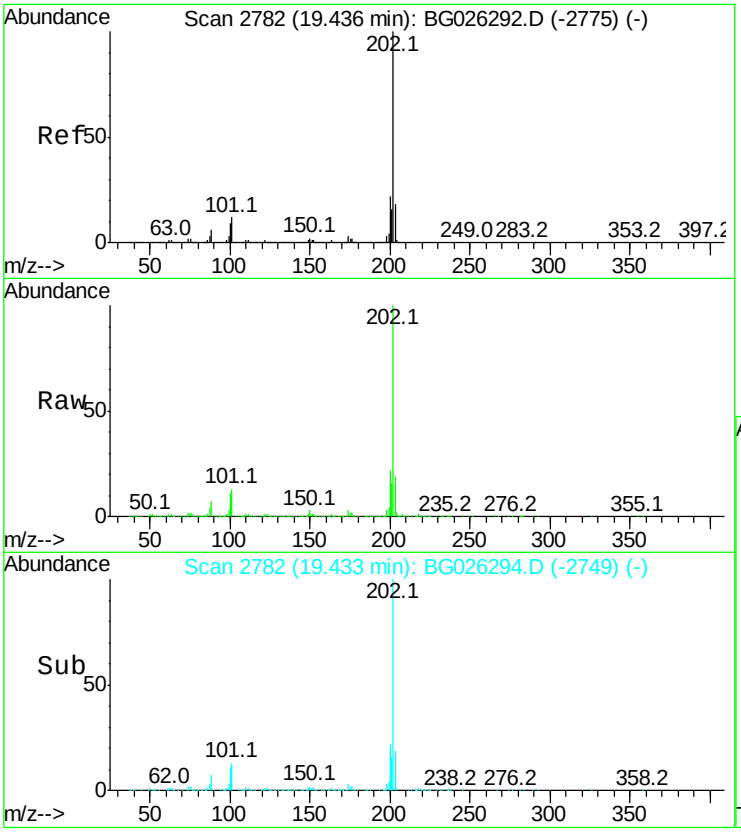


#16
Anthracene
Concen: 4.03 ng/ul
RT: 17.52 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BG026294.D
Acq: 17 Mar 2017 23:13

Tgt Ion:178 Resp: 152661

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.7	19.1
176	19.5	15.8	23.8



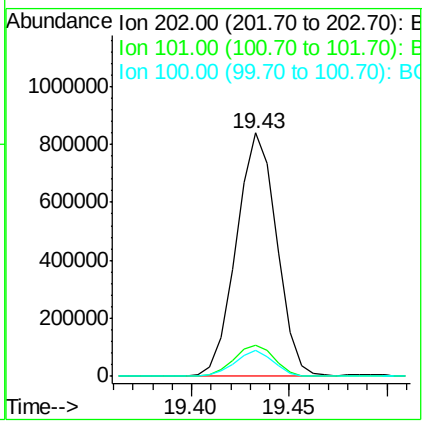


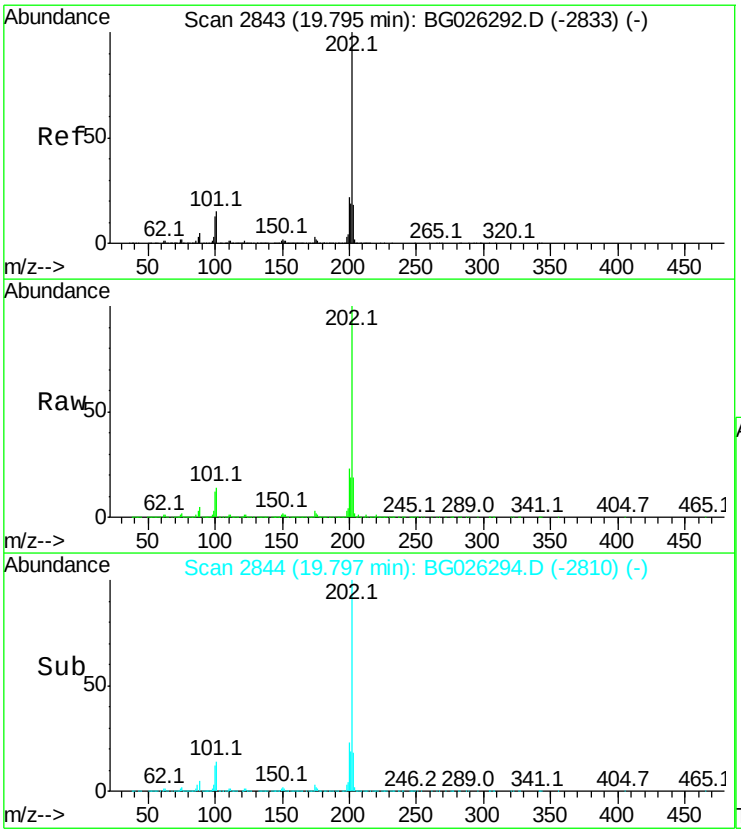
#17
Fluoranthene
Concen: 30.81 ng/ul
RT: 19.43 min Scan# 2782
Delta R.T. -0.00 min
Lab File: BG026294.D
Acq: 17 Mar 2017 23:13

Instrument :
BNA_G
ClientSampleId :
CB2Z6

Tgt Ion:202 Resp: 1200155

Ion	Ratio	Lower	Upper
202	100		
101	13.1	9.8	14.8
100	10.9	7.5	11.3

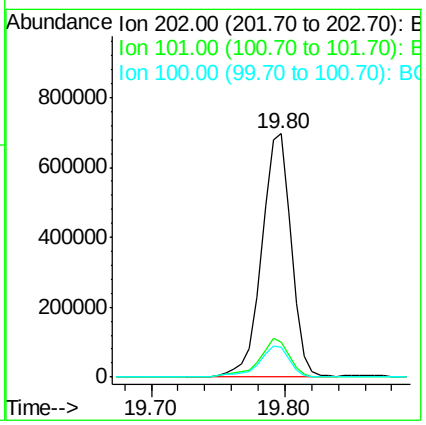


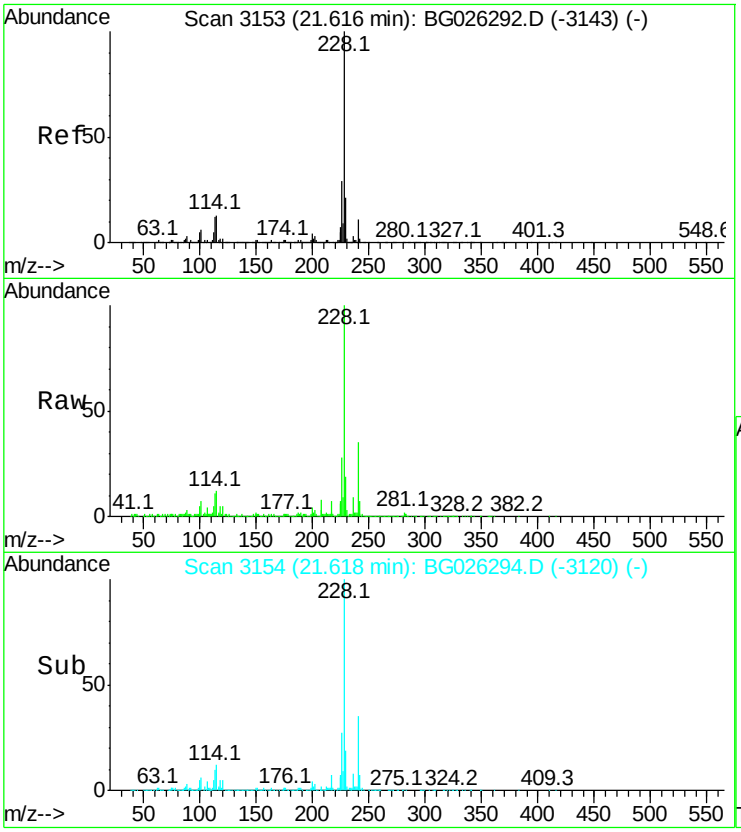


#20
Pyrene
Concen: 23.92 ng/ul
RT: 19.80 min Scan# 2844
Delta R.T. 0.00 min
Lab File: BG026294.D
Acq: 17 Mar 2017 23:13

Tgt Ion:202 Resp: 1060075

Ion	Ratio	Lower	Upper
202	100		
101	14.4	11.2	16.8
100	12.2	9.8	14.6



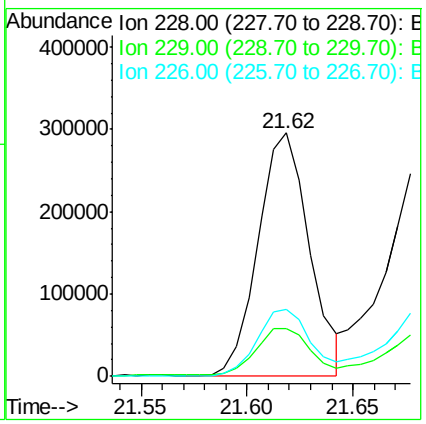


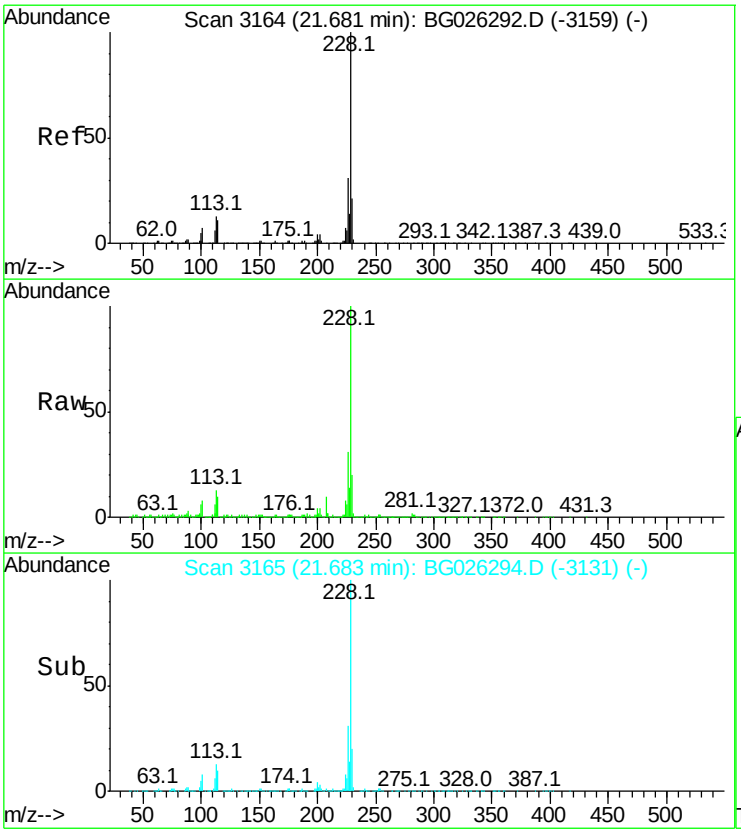
#21
Benzo(a)anthracene
Concen: 12.85 ng/ul
RT: 21.62 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BG026294.D
Acq: 17 Mar 2017 23:13

Instrument :
BNA_G
ClientSampleId :
CB2Z6

Tgt Ion:228 Resp: 497610

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.9	23.9
226	27.6	22.1	33.1

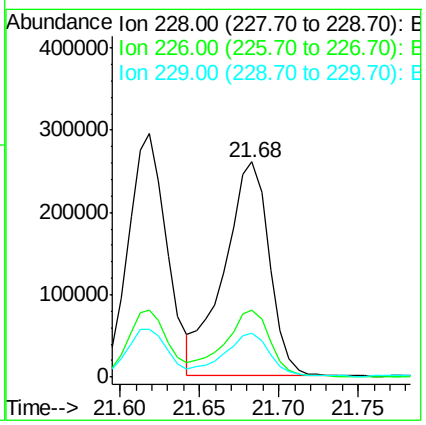


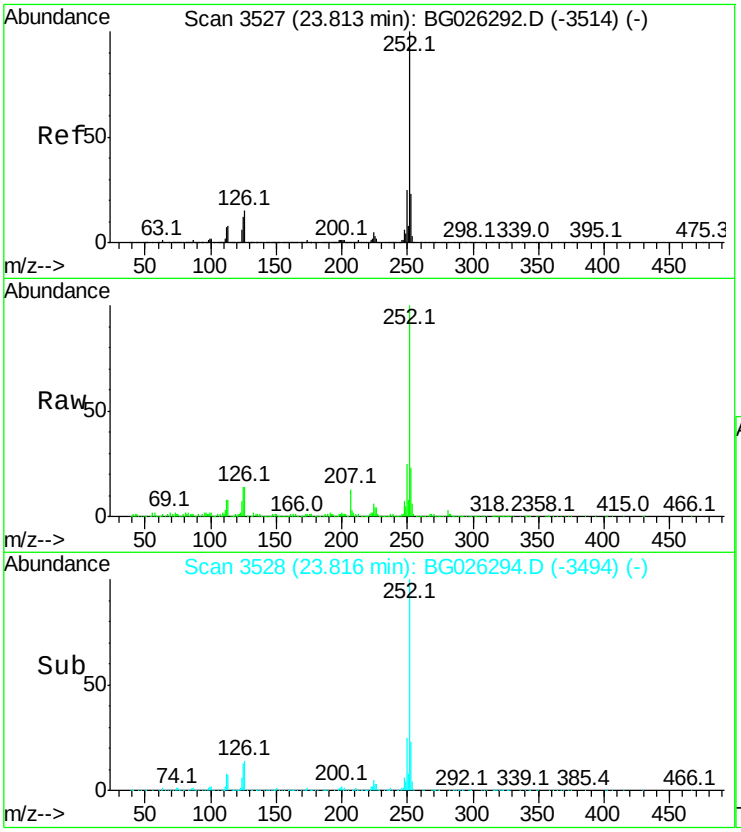


#22
Chrysene
Concen: 14.21 ng/ul
RT: 21.68 min Scan# 3165
Delta R.T. 0.00 min
Lab File: BG026294.D
Acq: 17 Mar 2017 23:13

Tgt Ion:228 Resp: 513818

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	20.3	16.6	25.0



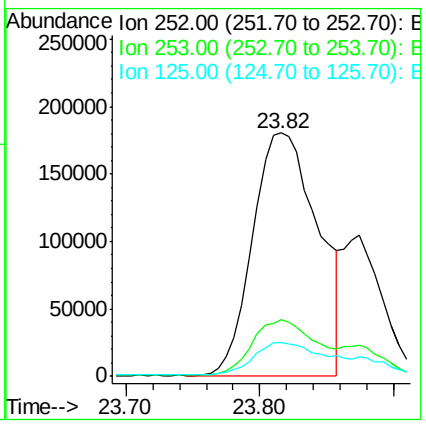


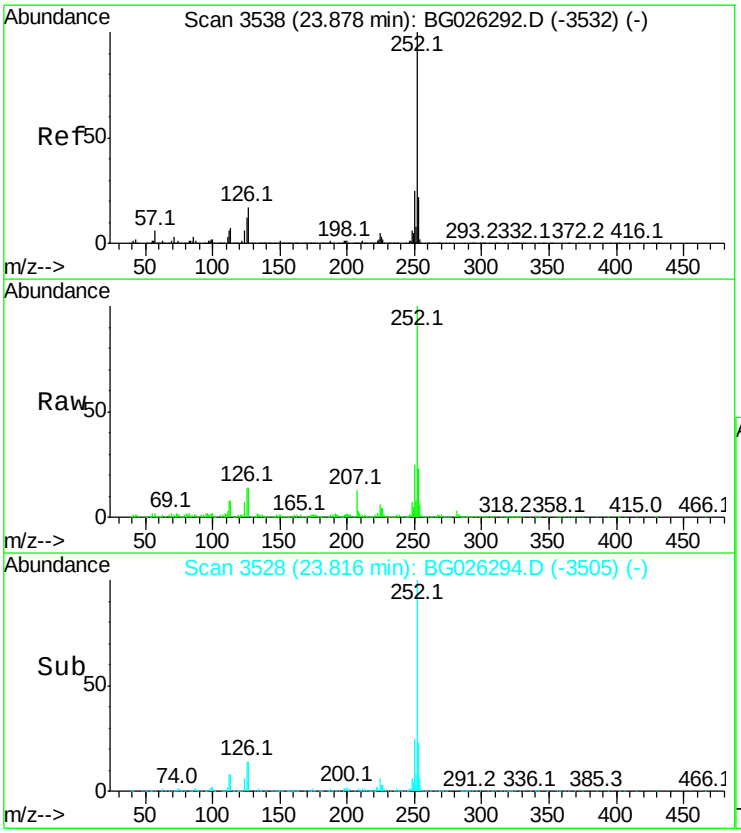
#24
Benzo(b)fluoranthene
Concen: 16.47 ng/ul
RT: 23.82 min Scan# 3528
Delta R.T. 0.00 min
Lab File: BG026294.D
Acq: 17 Mar 2017 23:13

Instrument :
BNA_G
ClientSampleId :
CB2Z6

Tgt Ion:252 Resp: 610319

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	14.0	9.4	14.0

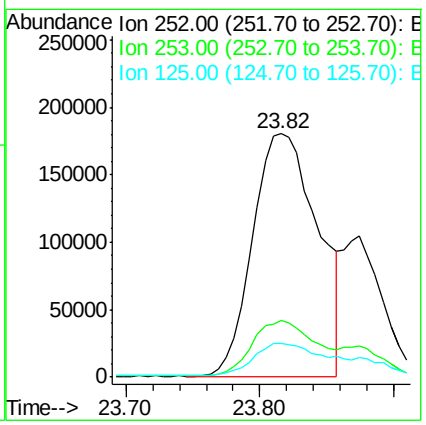


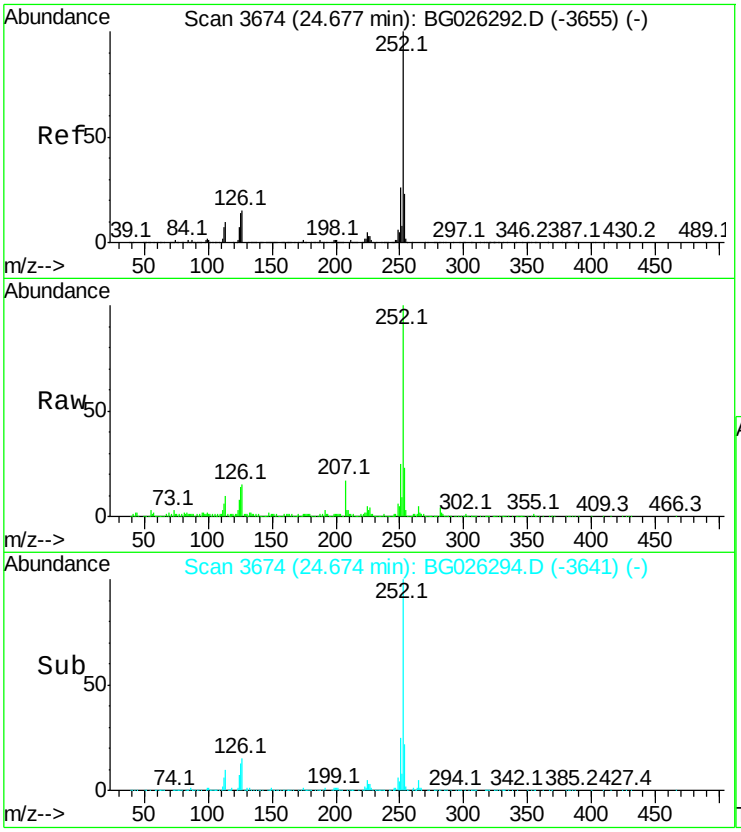


#25
Benzo(k)fluoranthene
Concen: 17.25 ng/ul
RT: 23.82 min Scan# 3528
Delta R.T. -0.06 min
Lab File: BG026294.D
Acq: 17 Mar 2017 23:13

Tgt Ion:252 Resp: 610319

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	14.0	8.8	13.2#



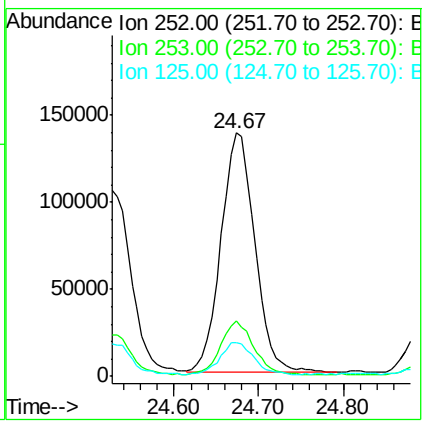


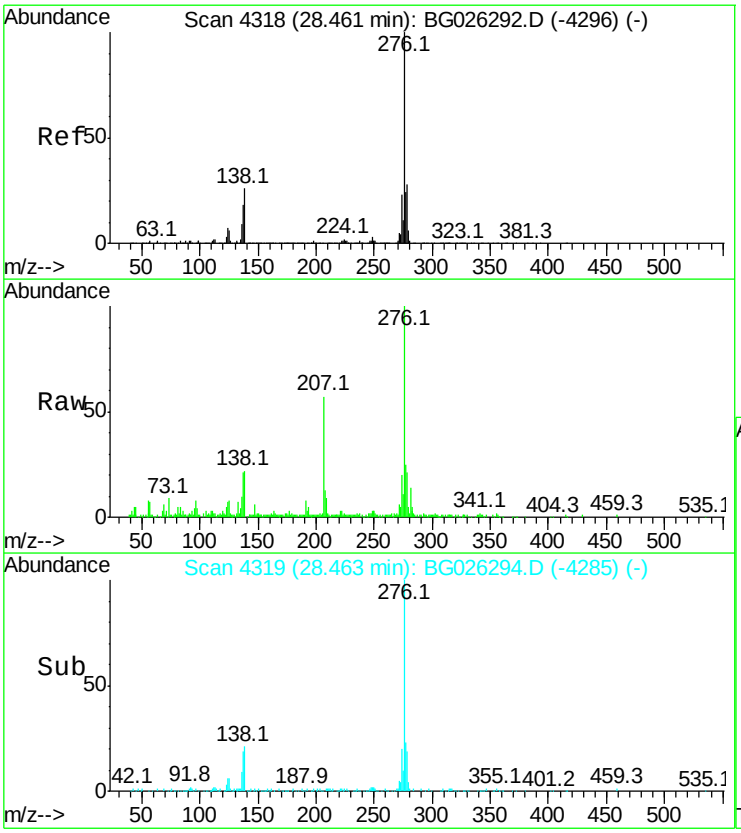
#27
Benzo(a)pyrene
Concen: 11.09 ng/ul
RT: 24.67 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG026294.D
Acq: 17 Mar 2017 23:13

Instrument :
BNA_G
ClientSampleId :
CB2Z6

Tgt Ion:252 Resp: 381742

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	13.8	9.4	14.2

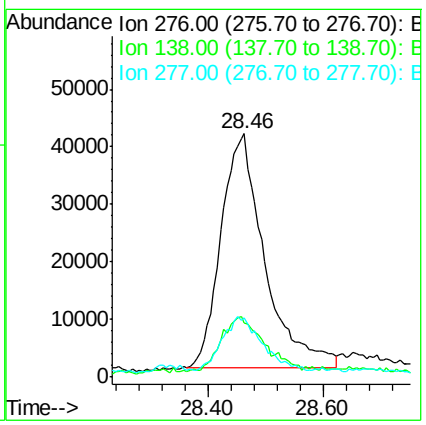


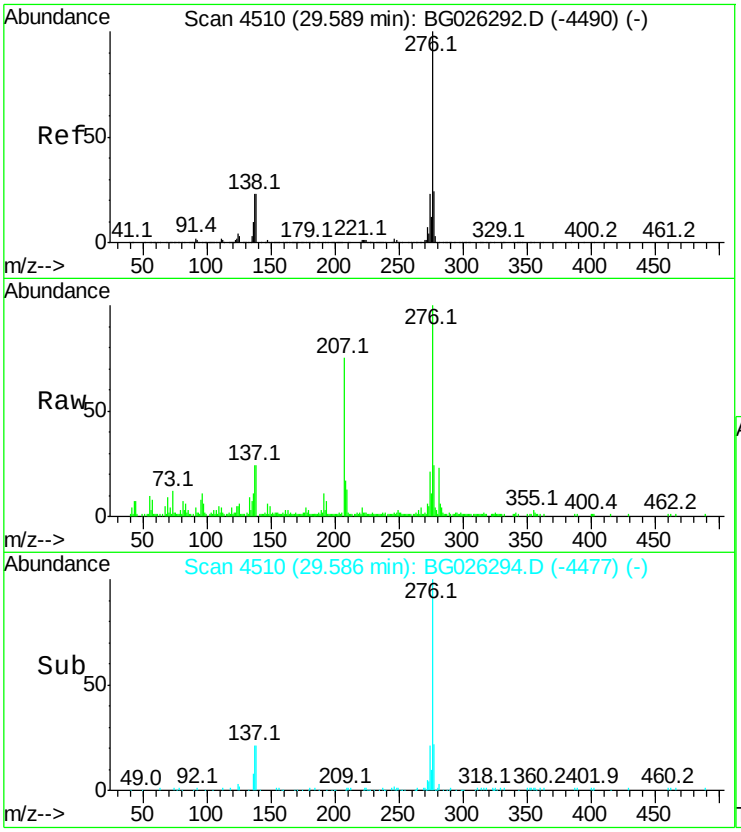


#28
Indeno(1,2,3-cd)pyrene
Concen: 5.64 ng/ul
RT: 28.46 min Scan# 4319
Delta R.T. 0.00 min
Lab File: BG026294.D
Acq: 17 Mar 2017 23:13

Tgt Ion:276 Resp: 214572

Ion	Ratio	Lower	Upper
276	100		
138	22.2	17.8	26.6
277	24.6	19.4	29.0





#30
Benzo(g,h,i)perylene
Concen: 4.87 ng/ul
RT: 29.59 min Scan# 4510
Delta R.T. -0.00 min
Lab File: BG026294.D
Acq: 17 Mar 2017 23:13

Instrument :
BNA_G
ClientSampleId :
CB2Z6

Tgt Ion:276 Resp: 158551

Ion	Ratio	Lower	Upper
276	100		
138	23.6	19.0	28.4
277	24.0	19.7	29.5