Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
Data File : BG026293.D
Acq On : 17 Mar 2017 22:34
Operator : SJ/MA
Sample : I2218-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB2Z5

Quant Time: Mar 18 00:30:22 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	129874	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	617179	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	336208	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	665818	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	648314	20.00	ng/ul	0.00
23) Perylene-d12	24.82	264	604835	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.47	165	111211	12.17	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	731827	25.53	ng/ul	0.00
10) Fluorene-d10	15.64	176	505200	24.16	ng/ul	0.00
15) Anthracene-d10	17.49	188	687877	23.25	ng/ul	0.00
19) Pyrene-d10	19.76	212	764985	23.12	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	695438	26.66	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.90	128	45141	1.50	ng/ul	97
5) 2-Methylnaphthalene	12.50	142	26522	1.18	ng/ul	100
9) Acenaphthene	14.72	153	39957	1.93	ng/ul	99
11) Fluorene	15.70	166	43908	1.88	ng/ul	98
14) Phenanthrene	17.43	178	662002	18.76	ng/ul	98
16) Anthracene	17.52	178	132401	3.71	ng/ul	98
17) Fluoranthene	19.43	202	958301	26.16	ng/ul	98
20) Pyrene	19.79	202	826884	20.03	ng/ul	97
21) Benzo(a)anthracene	21.61	228	451774	12.52	ng/ul	98
22) Chrysene	21.68	228	443021	13.16	ng/ul	99
24) Benzo(b)fluoranthene	23.81	252	564284	16.43	ng/ul	98
25) Benzo(k)fluoranthene	23.81	252	564284	17.21	ng/ul	98
27) Benzo(a)pyrene	24.67	252	333152	10.44	ng/ul#	95
28) Indeno(1,2,3-cd)pyrene	28.45	276	191466	5.43	ng/ul#	95
29) Dibenzo(a,h)anthracene	28.49	278	35897	1.28	ng/ul#	95
30) Benzo(g,h,i)perylene	29.58	276	68904	2.29	ng/ul	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
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Acq On : 17 Mar 2017 22:34
Operator : SJ/MA
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
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CB2Z5

Quant Time: Mar 18 00:30:22 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
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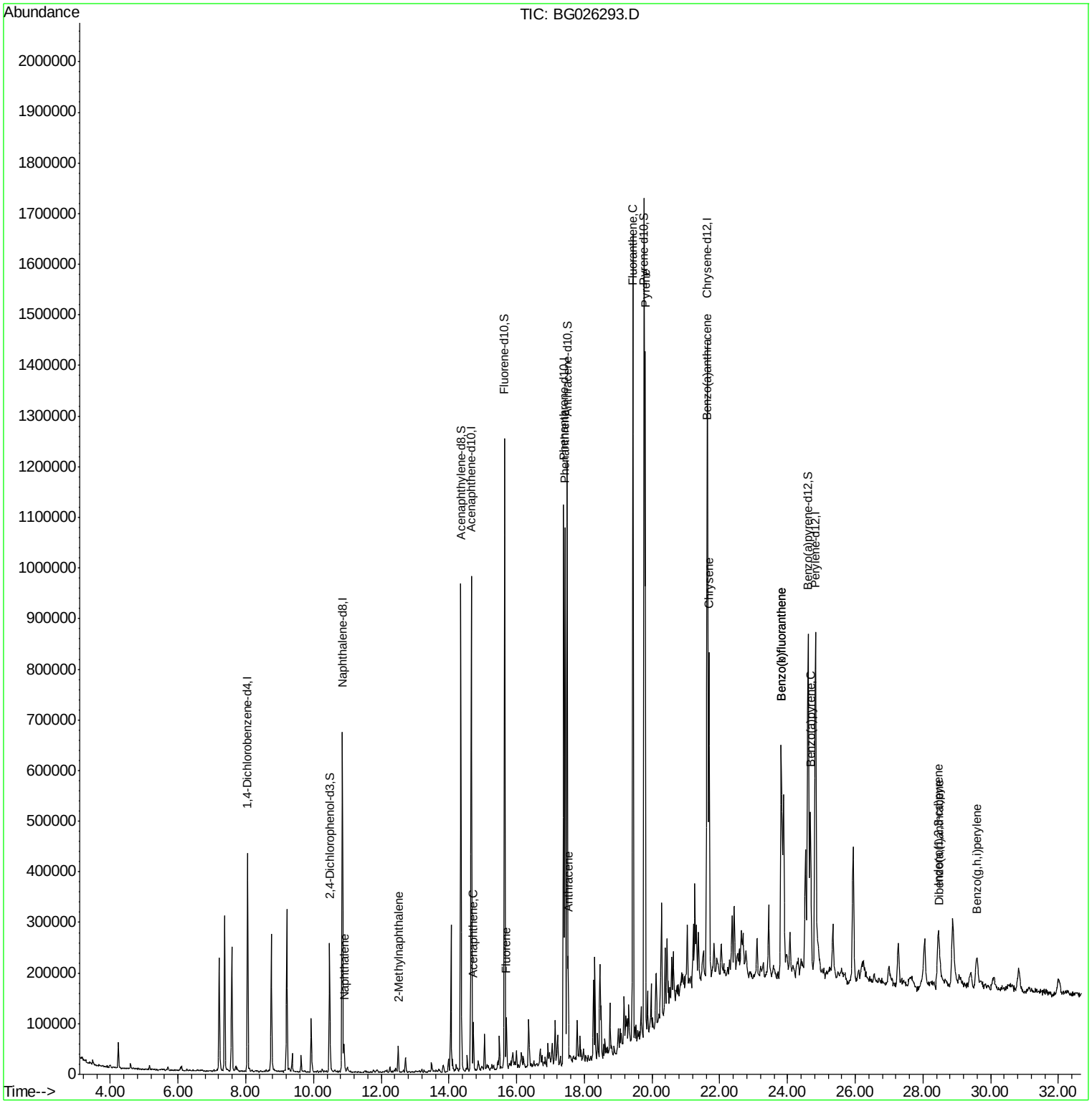
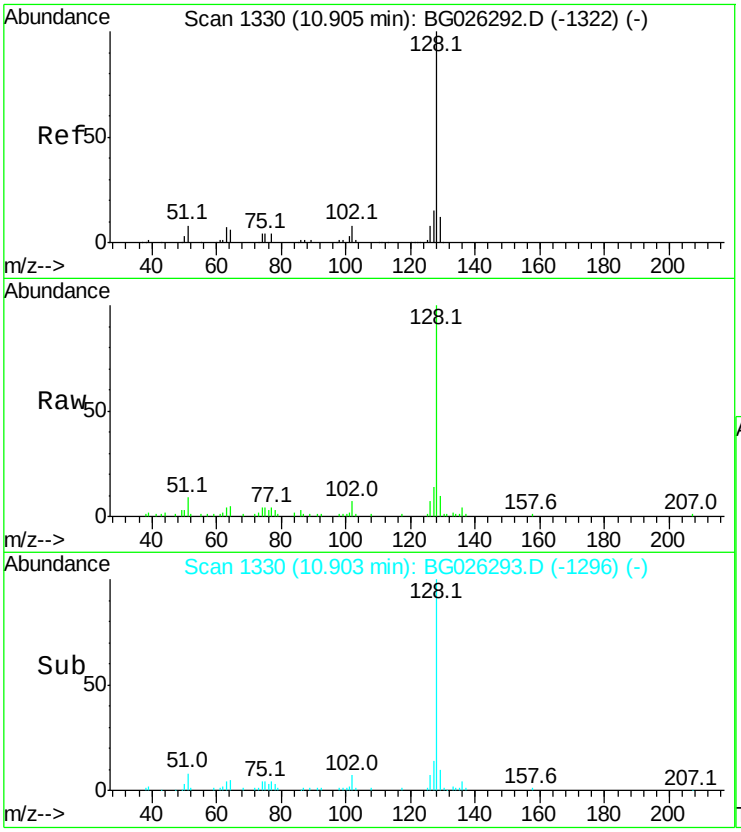
Response via : Initial Calibration



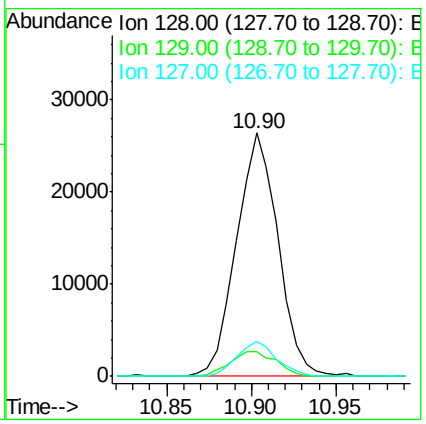


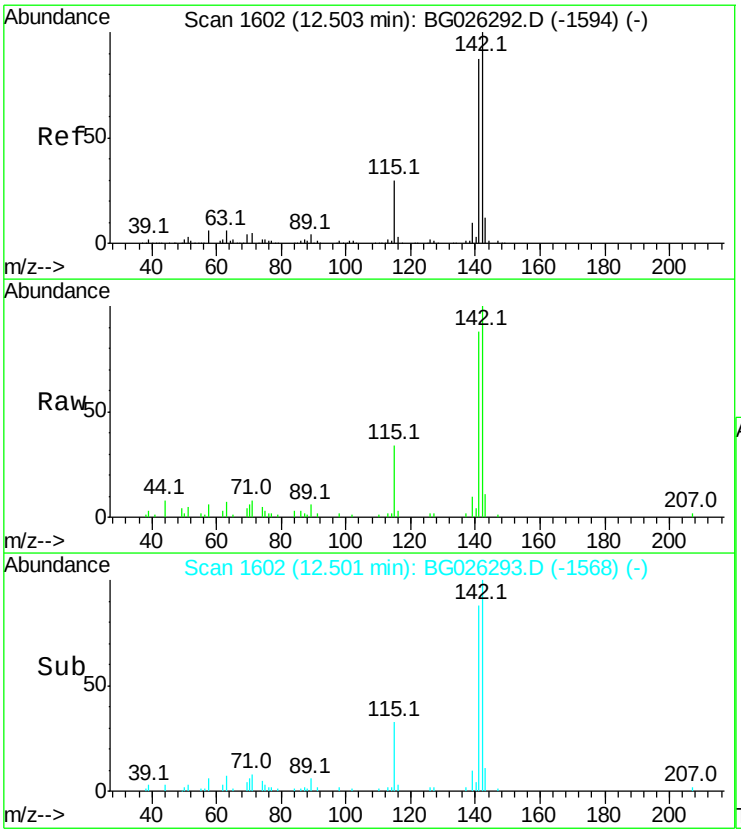
#4
Naphthalene
Concen: 1.50 ng/ul
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG026293.D
Acq: 17 Mar 2017 22:34

Instrument :
BNA_G
ClientSampleId :
CB2Z5

Tgt Ion:128 Resp: 45141

Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.1	13.7
127	14.4	10.6	15.8

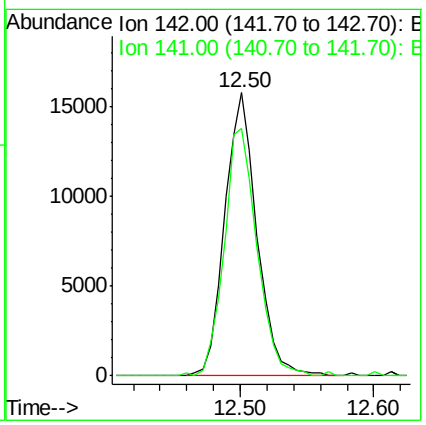


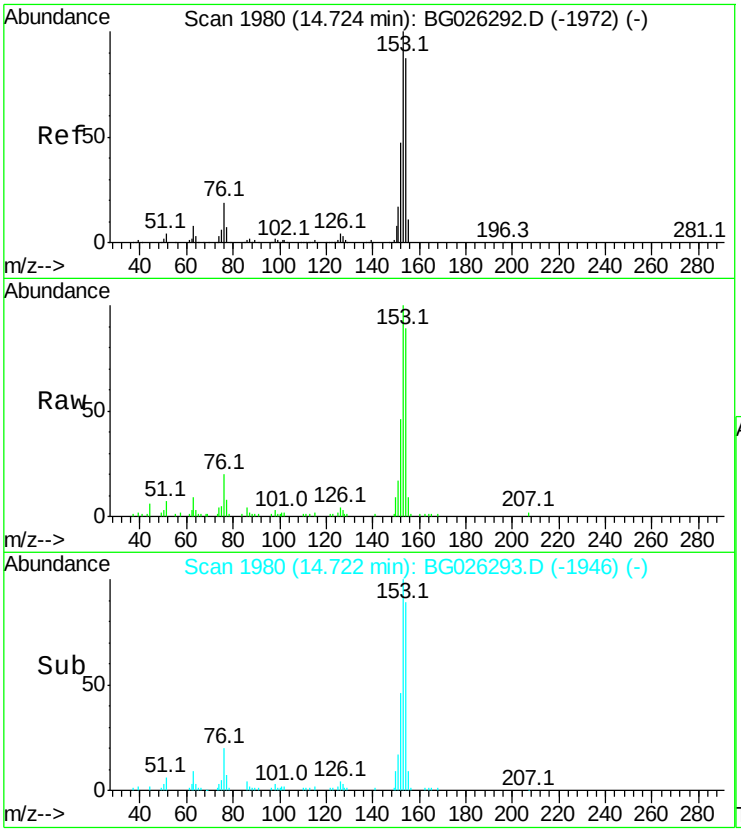


#5
2-Methylnaphthalene
Concen: 1.18 ng/ul
RT: 12.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BG026293.D
Acq: 17 Mar 2017 22:34

Tgt Ion:142 Resp: 26522

Ion	Ratio	Lower	Upper
142	100		
141	87.5	69.8	104.8



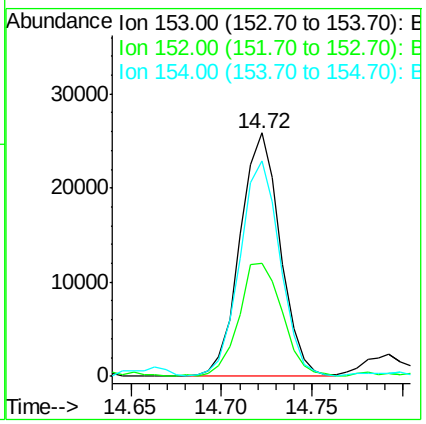


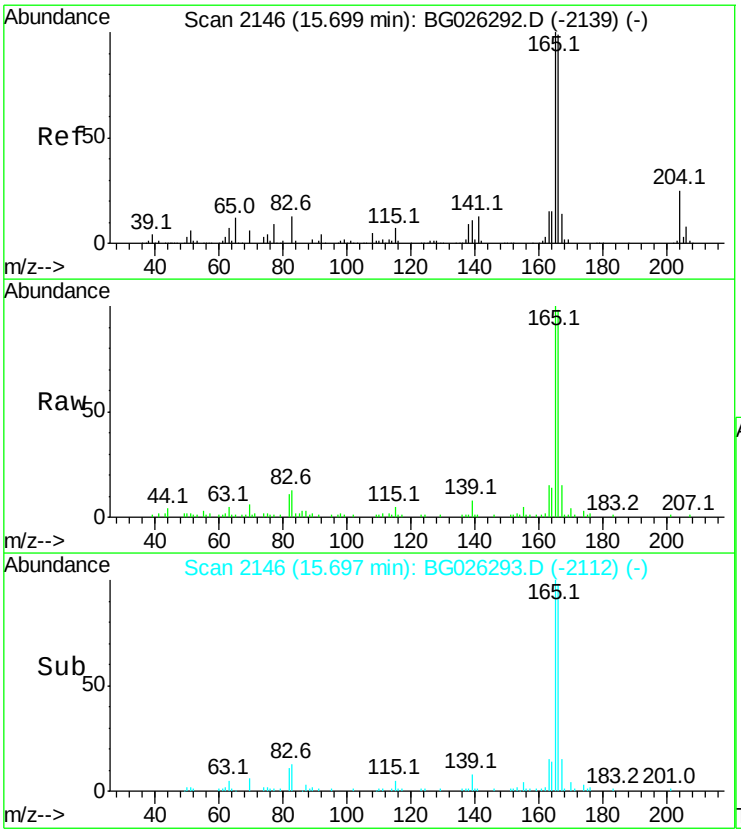
#9
Acenaphthene
Concen: 1.93 ng/ul
RT: 14.72 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG026293.D
Acq: 17 Mar 2017 22:34

Instrument :
BNA_G
ClientSampleId :
CB2Z5

Tgt Ion:153 Resp: 39957

Ion	Ratio	Lower	Upper
153	100		
152	46.3	37.9	56.9
154	88.7	71.6	107.4

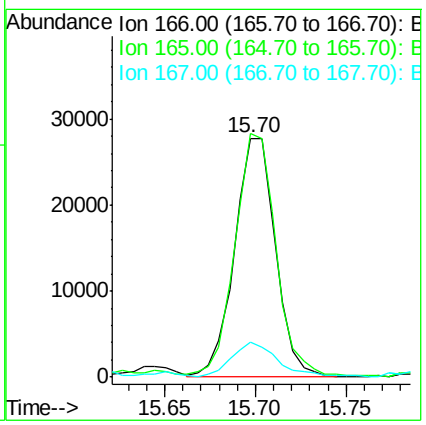


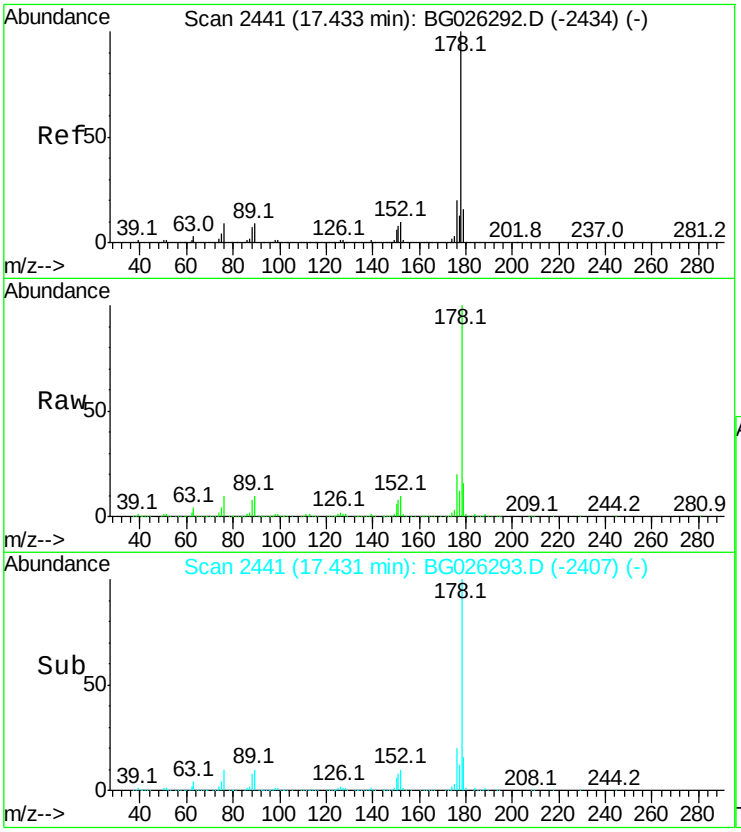


#11
Fluorene
Concen: 1.88 ng/ul
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG026293.D
Acq: 17 Mar 2017 22:34

Tgt Ion:166 Resp: 43908

Ion	Ratio	Lower	Upper
166	100		
165	102.0	80.0	120.0
167	14.9	11.6	17.4



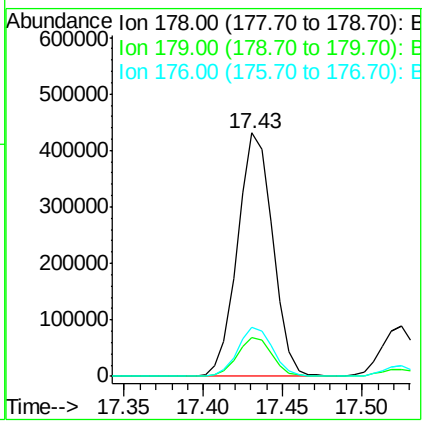


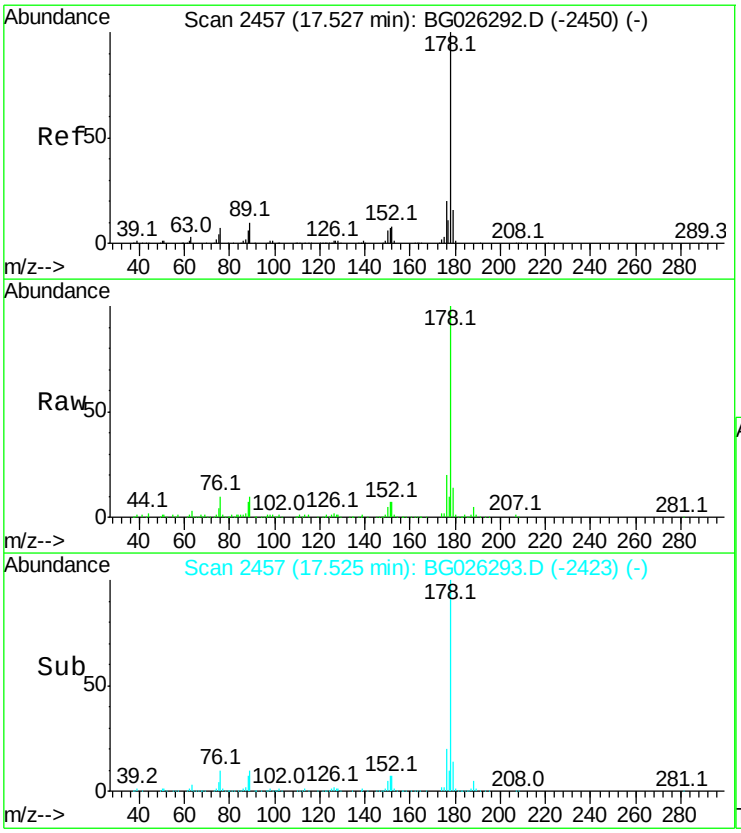
#14
Phenanthrene
Concen: 18.76 ng/ul
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG026293.D
Acq: 17 Mar 2017 22:34

Instrument :
BNA_G
ClientSampleId :
CB2Z5

Tgt Ion:178 Resp: 662002

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.2	18.4
176	19.9	16.4	24.6

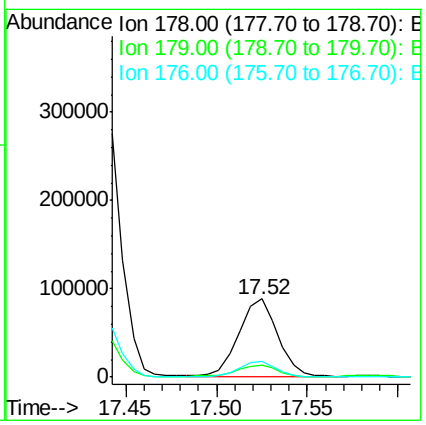


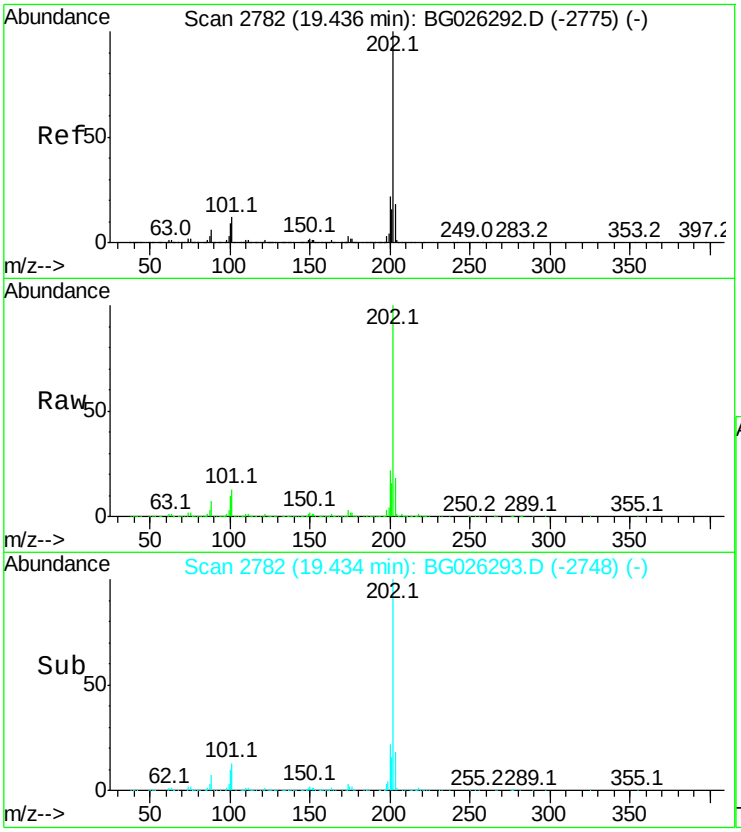


#16
Anthracene
Concen: 3.71 ng/ul
RT: 17.52 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BG026293.D
Acq: 17 Mar 2017 22:34

Tgt Ion:178 Resp: 132401

Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.7	19.1
176	20.2	15.8	23.8



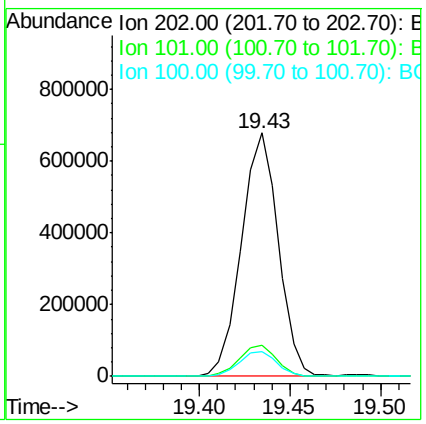


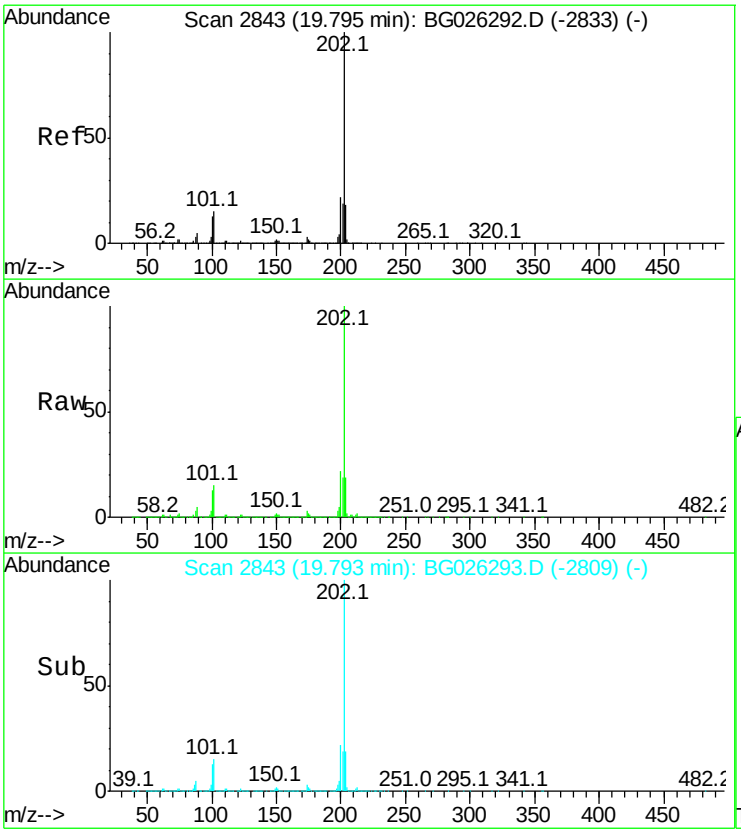
#17
Fluoranthene
Concen: 26.16 ng/ul
RT: 19.43 min Scan# 2782
Delta R.T. -0.00 min
Lab File: BG026293.D
Acq: 17 Mar 2017 22:34

Instrument :
BNA_G
ClientSampleId :
CB2Z5

Tgt Ion:202 Resp: 958301

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.8	14.8
100	10.0	7.5	11.3

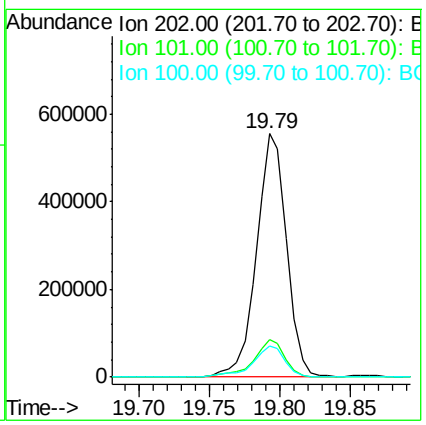


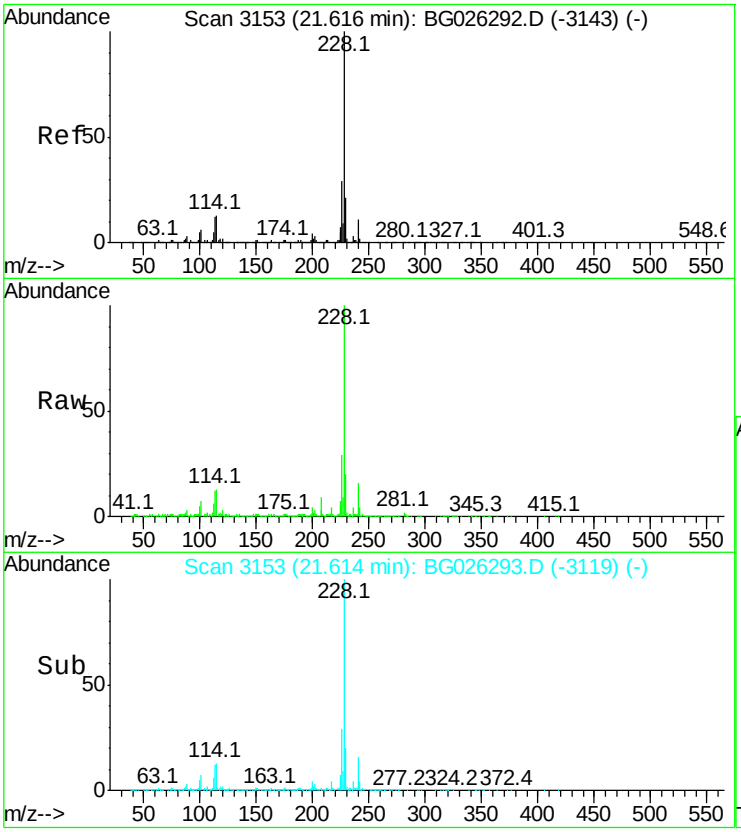


#20
Pyrene
Concen: 20.03 ng/ul
RT: 19.79 min Scan# 2843
Delta R.T. -0.00 min
Lab File: BG026293.D
Acq: 17 Mar 2017 22:34

Tgt Ion:202 Resp: 826884

Ion	Ratio	Lower	Upper
202	100		
101	15.5	11.2	16.8
100	13.0	9.8	14.6



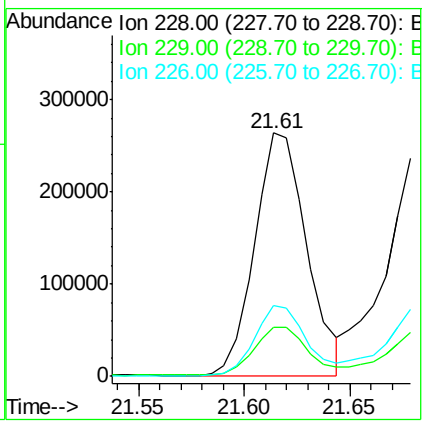


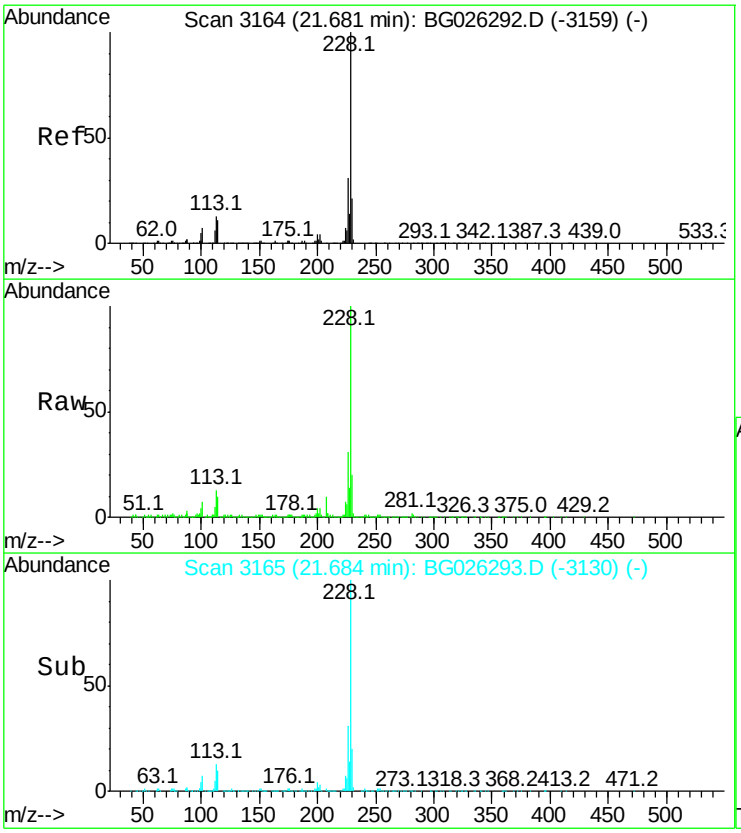
#21
Benzo(a)anthracene
Concen: 12.52 ng/ul
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG026293.D
Acq: 17 Mar 2017 22:34

Instrument :
BNA_G
ClientSampleId :
CB2Z5

Tgt Ion:228 Resp: 451774

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.9	23.9
226	28.9	22.1	33.1

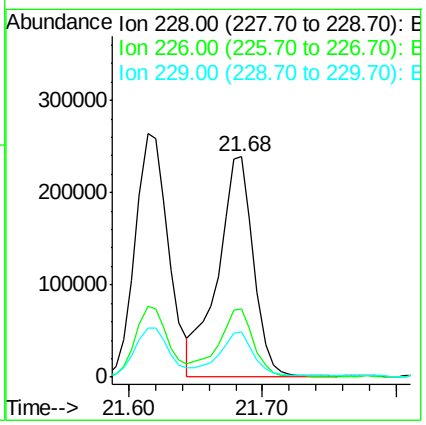


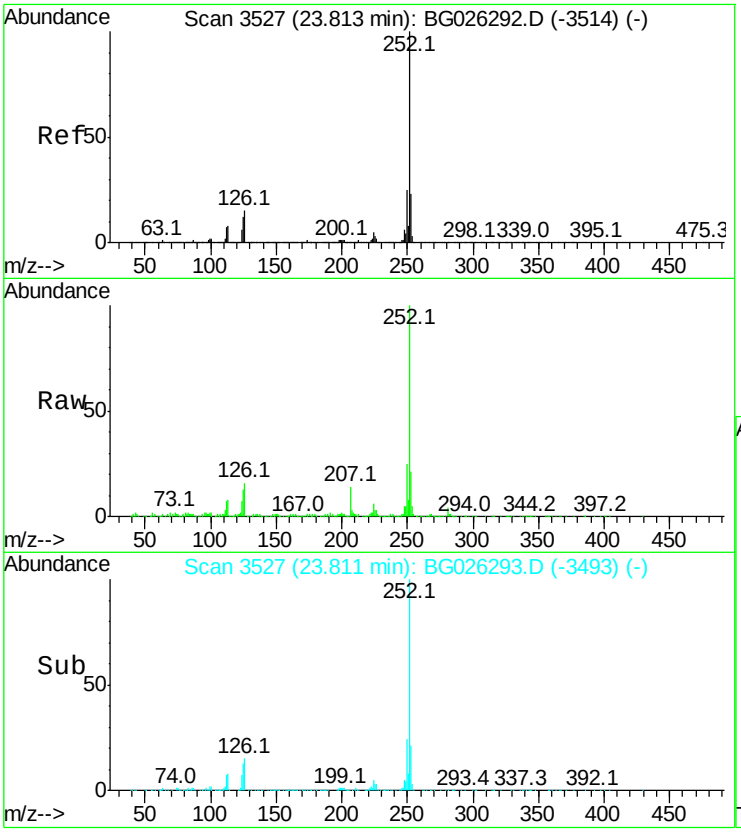


#22
Chrysene
Concen: 13.16 ng/ul
RT: 21.68 min Scan# 3165
Delta R.T. 0.00 min
Lab File: BG026293.D
Acq: 17 Mar 2017 22:34

Tgt Ion:228 Resp: 443021

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	20.4	16.6	25.0



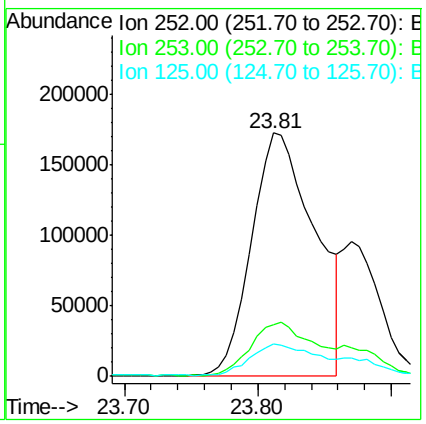


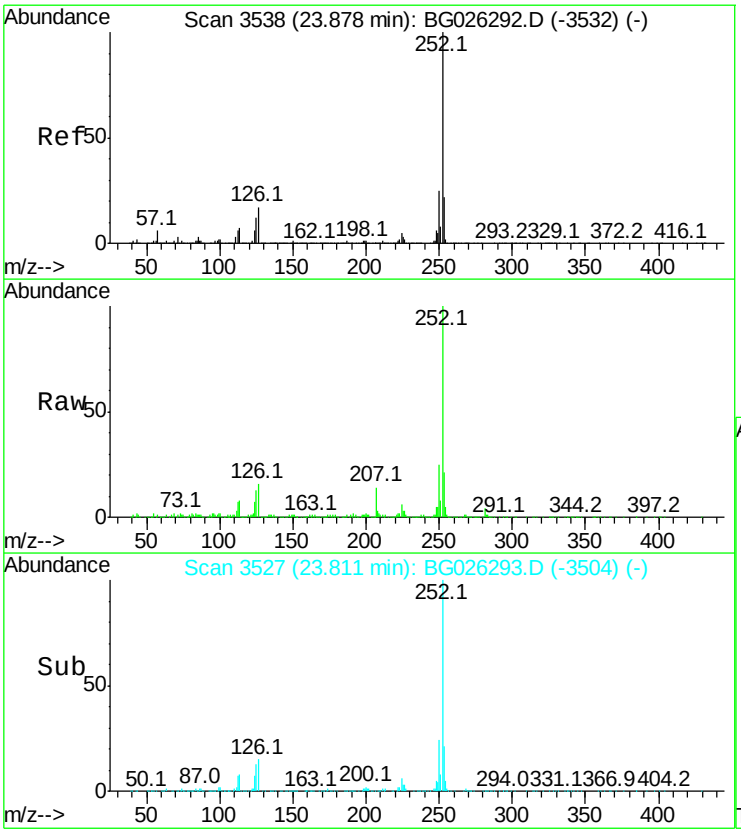
#24
Benzo(b)fluoranthene
Concen: 16.43 ng/ul
RT: 23.81 min Scan# 3527
Delta R.T. -0.00 min
Lab File: BG026293.D
Acq: 17 Mar 2017 22:34

Instrument :
BNA_G
ClientSampleId :
CB2Z5

Tgt Ion:252 Resp: 564284

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.6
125	13.1	9.4	14.0

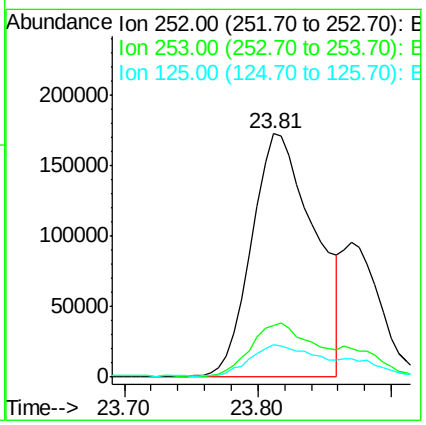


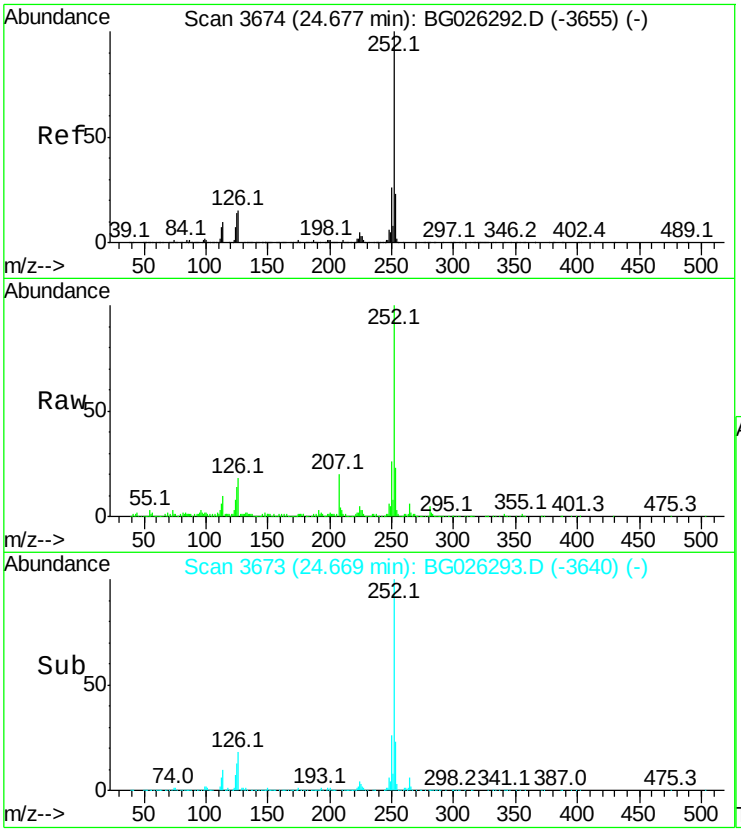


#25
Benzo(k)fluoranthene
Concen: 17.21 ng/ul
RT: 23.81 min Scan# 3527
Delta R.T. -0.07 min
Lab File: BG026293.D
Acq: 17 Mar 2017 22:34

Tgt Ion:252 Resp: 564284

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	13.1	8.8	13.2



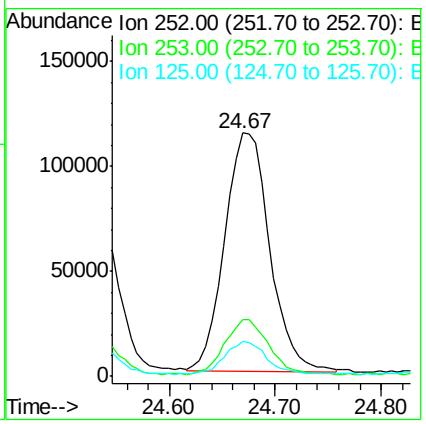


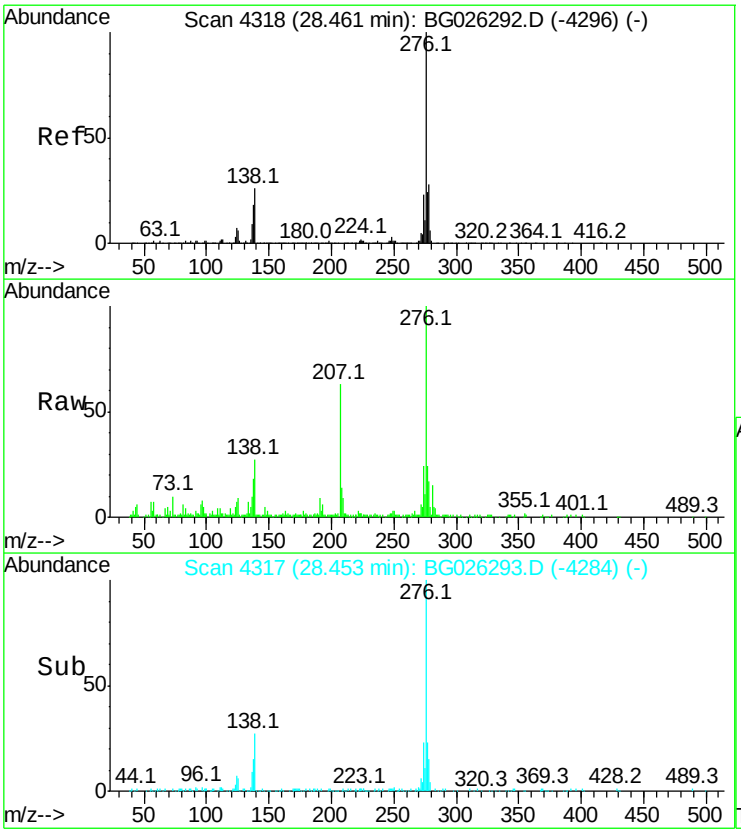
#27
Benzo(a)pyrene
Concen: 10.44 ng/ul
RT: 24.67 min Scan# 3673
Delta R.T. -0.01 min
Lab File: BG026293.D
Acq: 17 Mar 2017 22:34

Instrument :
BNA_G
ClientSampleId :
CB2Z5

Tgt Ion:252 Resp: 333152

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	14.4	9.4	14.2#

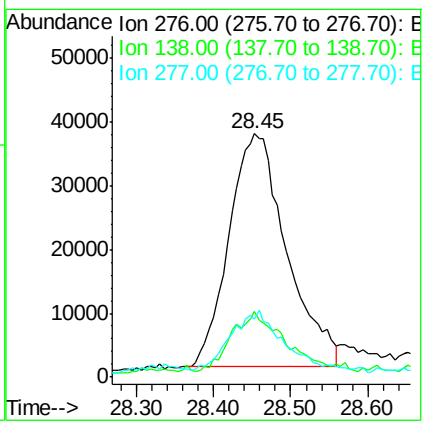


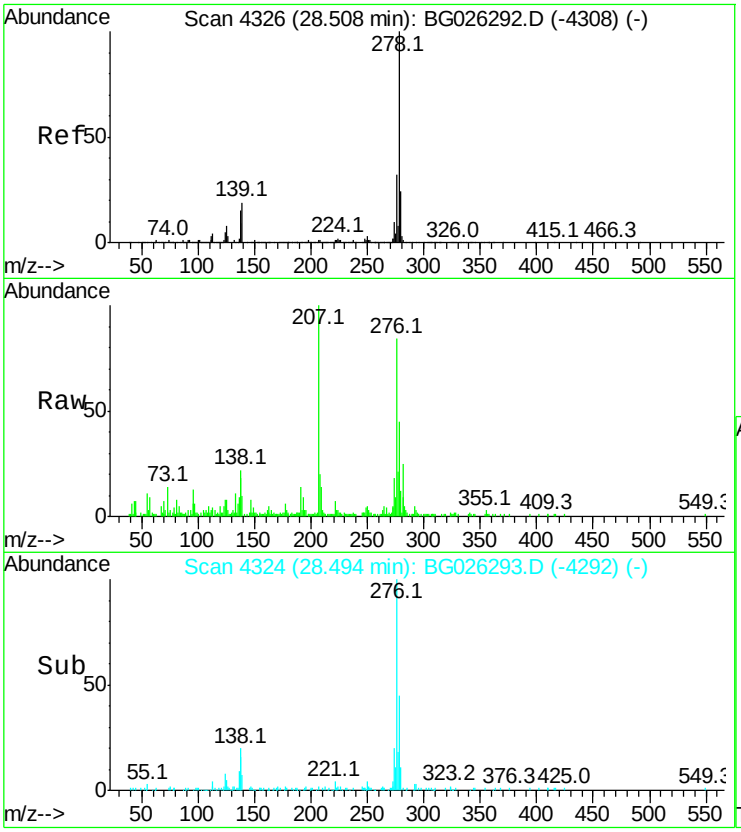


#28
Indeno(1,2,3-cd)pyrene
Concen: 5.43 ng/ul
RT: 28.45 min Scan# 4317
Delta R.T. -0.01 min
Lab File: BG026293.D
Acq: 17 Mar 2017 22:34

Tgt Ion:276 Resp: 191466

Ion	Ratio	Lower	Upper
276	100		
138	26.9	17.8	26.6#
277	23.8	19.4	29.0



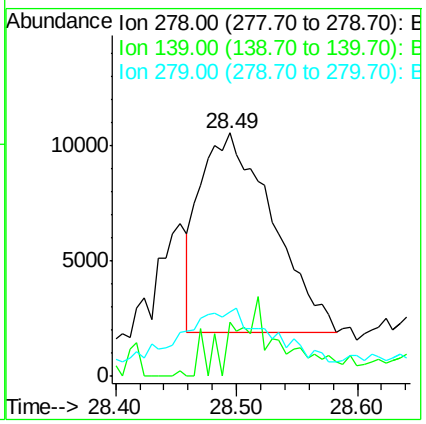


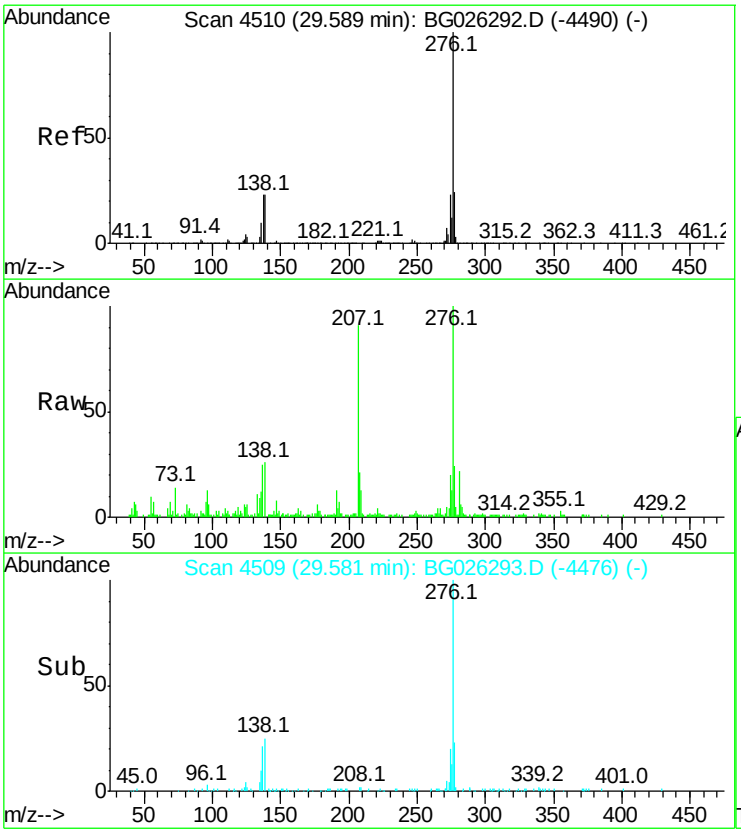
#29
Dibenzo(a,h)anthracene
Concen: 1.28 ng/ul
RT: 28.49 min Scan# 4324
Delta R.T. -0.01 min
Lab File: BG026293.D
Acq: 17 Mar 2017 22:34

Instrument :
BNA_G
ClientSampleId :
CB2Z5

Tgt Ion:278 Resp: 35897

Ion	Ratio	Lower	Upper
278	100		
139	22.1	14.0	21.0#
279	26.2	20.6	31.0





#30
Benzo(g,h,i)perylene
Concen: 2.29 ng/ul
RT: 29.58 min Scan# 4509
Delta R.T. -0.01 min
Lab File: BG026293.D
Acq: 17 Mar 2017 22:34

Tgt Ion:276 Resp: 68904

Ion	Ratio	Lower	Upper
276	100		
138	25.6	19.0	28.4
277	23.6	19.7	29.5