Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030917\
Data File : BG026159.D
Acq On : 9 Mar 2017 21:15
Operator : SJ/MA
Sample : I2069-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AJ2

Quant Time: Mar 15 07:24:26 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 07:23:43 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	101178	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	451034	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.67	164	274648	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.40	188	681128	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	724324	20.00	ng/ul	0.00
23) Perylene-d12	24.84	264	695780	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	143974	21.55	ng/uL	0.00
7) Acenaphthylene-d8	14.36	160	652898	27.88	ng/ul	0.00
10) Fluorene-d10	15.65	176	502450	29.41	ng/ul	0.00
15) Anthracene-d10	17.49	188	747915	24.71	ng/ul	0.00
19) Pyrene-d10	19.77	212	898803	24.32	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	788144	26.26	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.44	178	116819	3.24	ng/ul	99
16) Anthracene	17.44	178	116819	3.20	ng/ul	97
17) Fluoranthene	19.44	202	166493	4.44	ng/ul	97
20) Pyrene	19.80	202	229709	4.98	ng/ul	96
21) Benzo(a)anthracene	21.62	228	90818	2.25	ng/ul	99
22) Chrysene	21.69	228	84486	2.25	ng/ul	97
24) Benzo(b)fluoranthene	23.82	252	93839	2.38	ng/ul	99
27) Benzo(a)pyrene	24.68	252	56427	1.54	ng/ul	97

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

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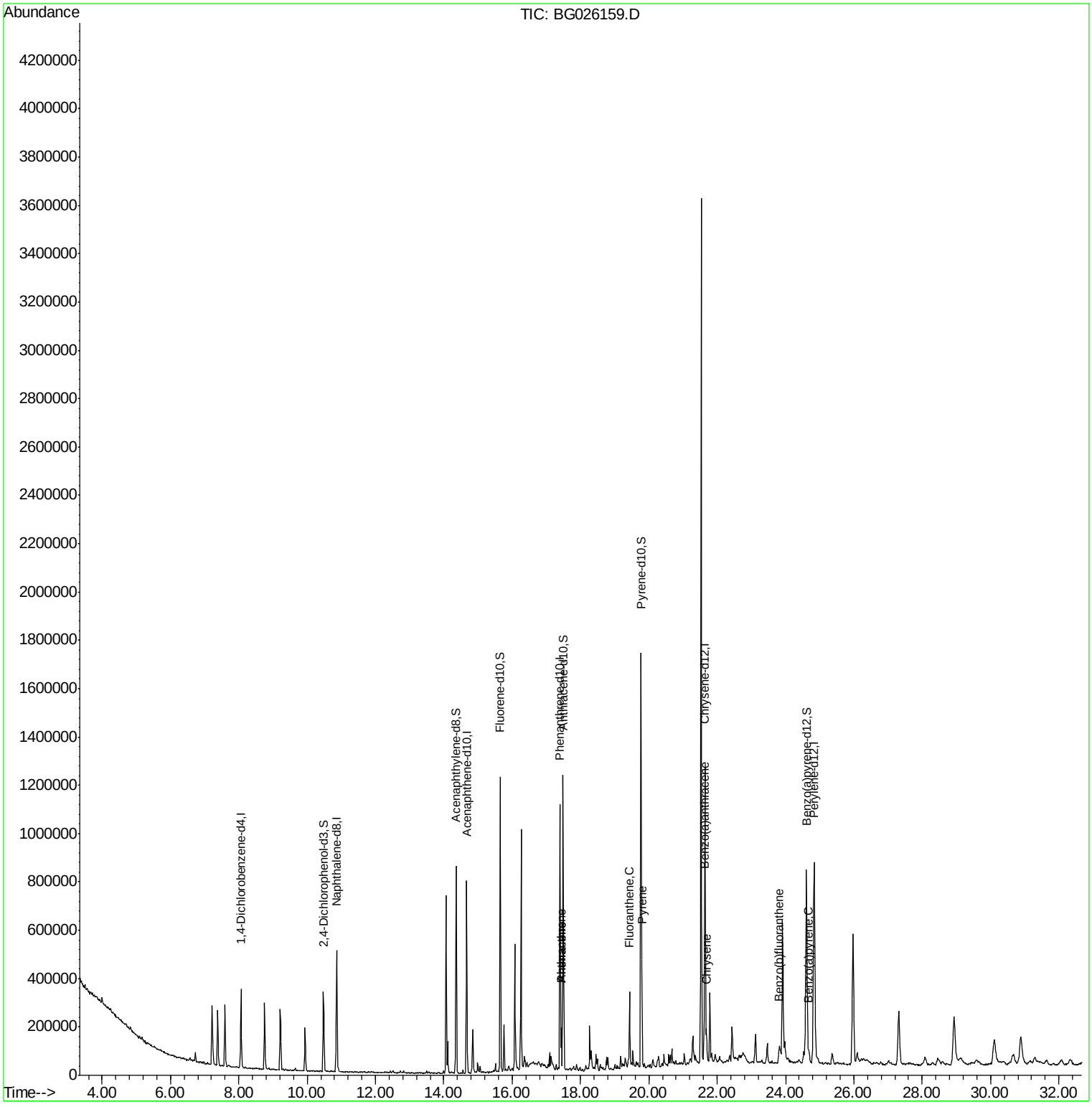
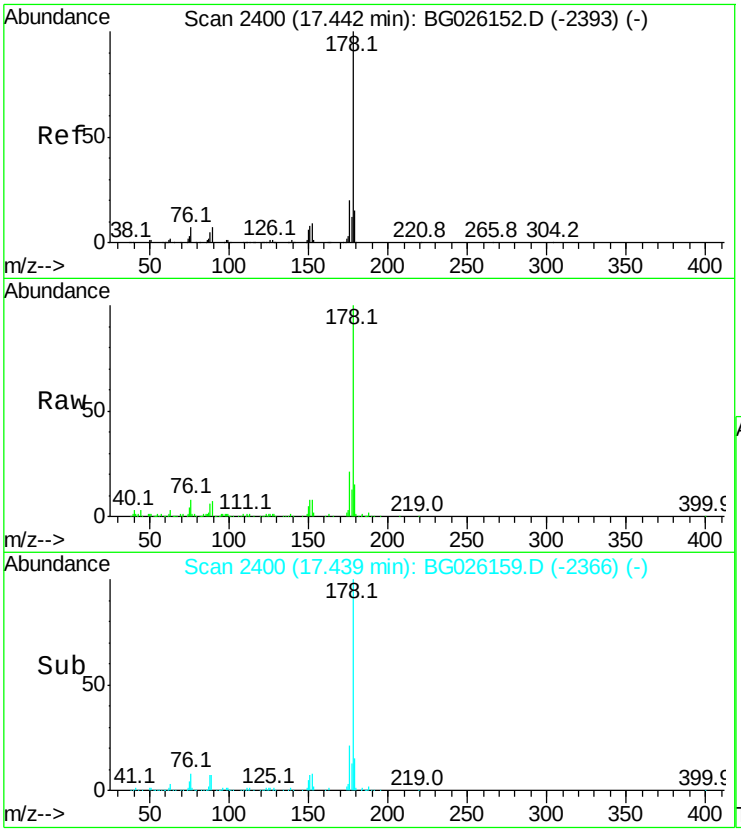


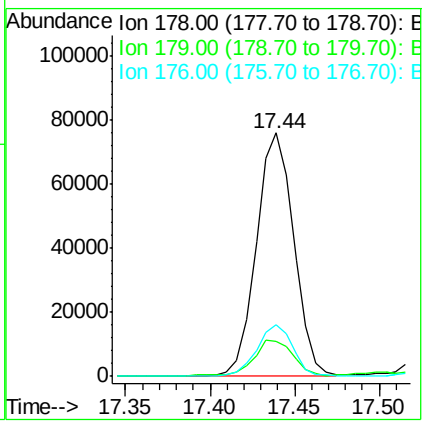


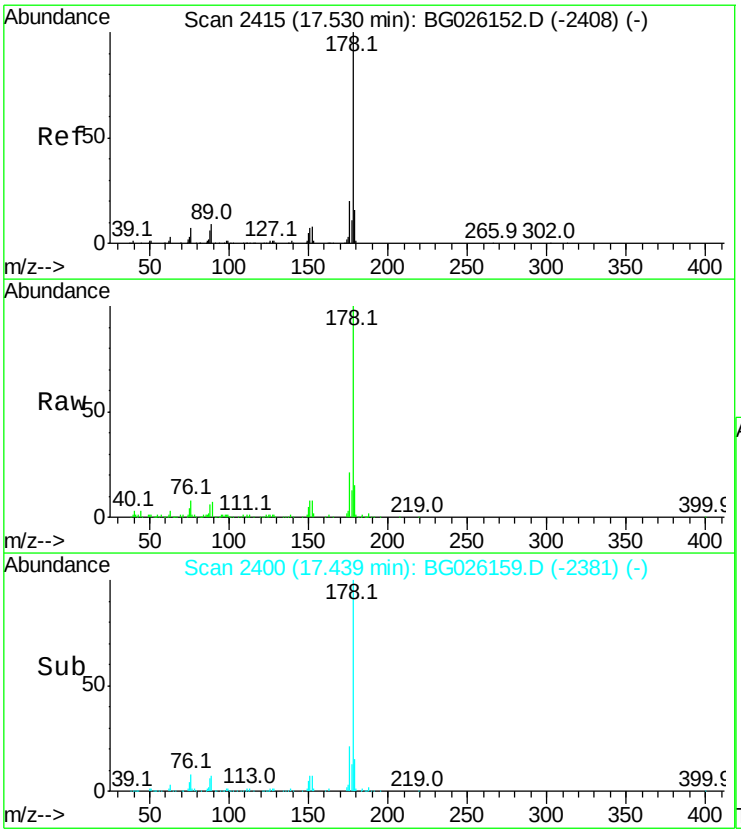
#14
Phenanthrene
Concen: 3.24 ng/ul
RT: 17.44 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BG026159.D
Acq: 9 Mar 2017 21:15

Instrument :
BNA_G
ClientSampleId :
C0AJ2

Tgt Ion:178 Resp: 116819

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.2	18.4
176	21.0	16.4	24.6

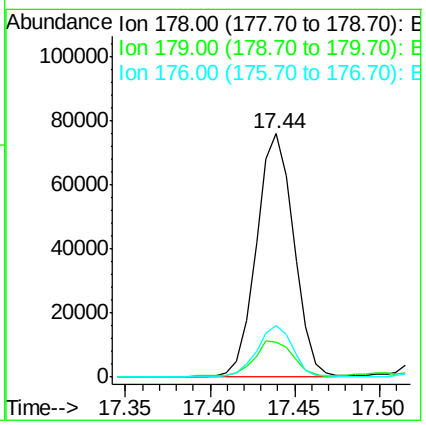


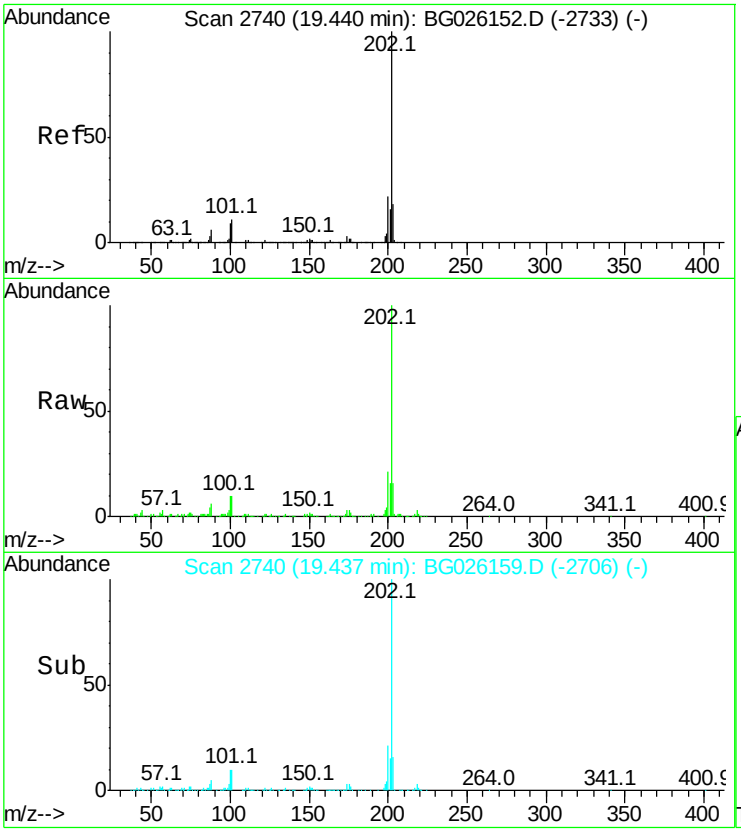


#16
Anthracene
Concen: 3.20 ng/ul
RT: 17.44 min Scan# 2400
Delta R.T. -0.09 min
Lab File: BG026159.D
Acq: 9 Mar 2017 21:15

Tgt Ion:178 Resp: 116819

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.7	19.1
176	21.0	15.8	23.8



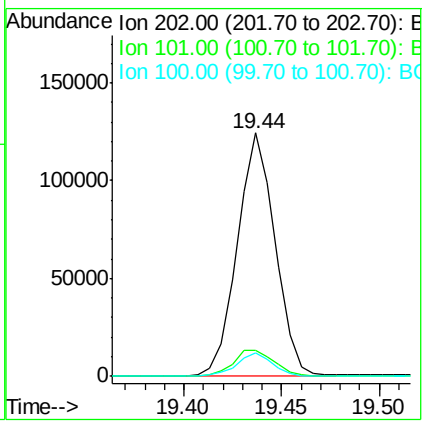


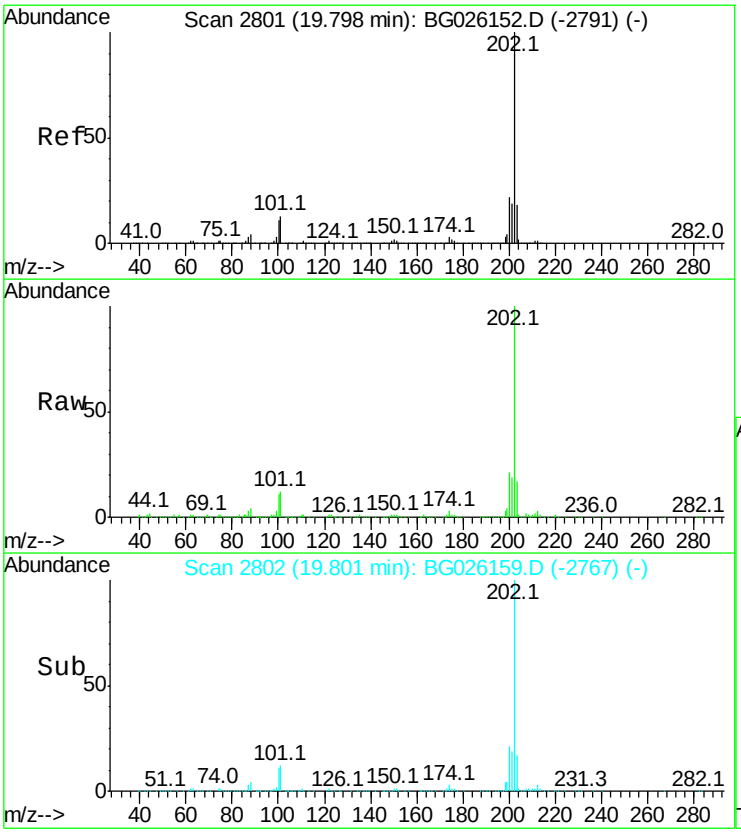
#17
Fluoranthene
Concen: 4.44 ng/ul
RT: 19.44 min Scan# 2740
Delta R.T. -0.00 min
Lab File: BG026159.D
Acq: 9 Mar 2017 21:15

Instrument :
BNA_G
ClientSampleId :
C0AJ2

Tgt Ion:202 Resp: 166493

Ion	Ratio	Lower	Upper
202	100		
101	10.4	9.8	14.8
100	9.8	7.5	11.3

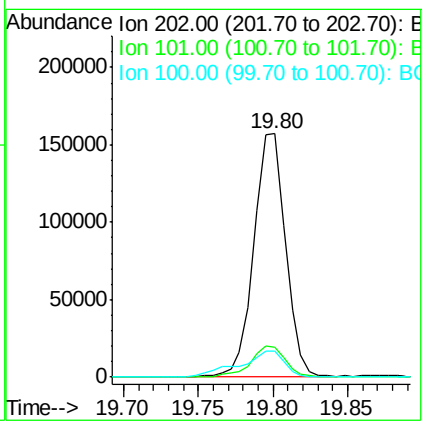


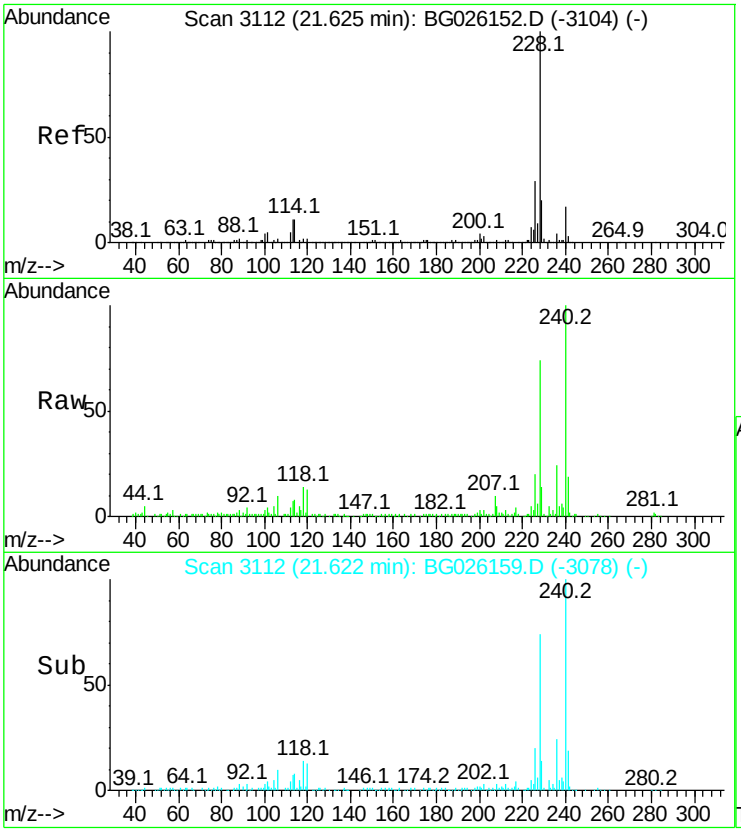


#20
Pyrene
Concen: 4.98 ng/ul
RT: 19.80 min Scan# 2802
Delta R.T. 0.00 min
Lab File: BG026159.D
Acq: 9 Mar 2017 21:15

Tgt Ion:202 Resp: 229709

Ion	Ratio	Lower	Upper
202	100		
101	12.4	11.2	16.8
100	10.8	9.8	14.6



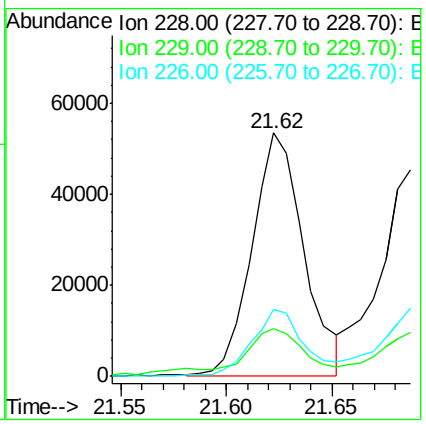


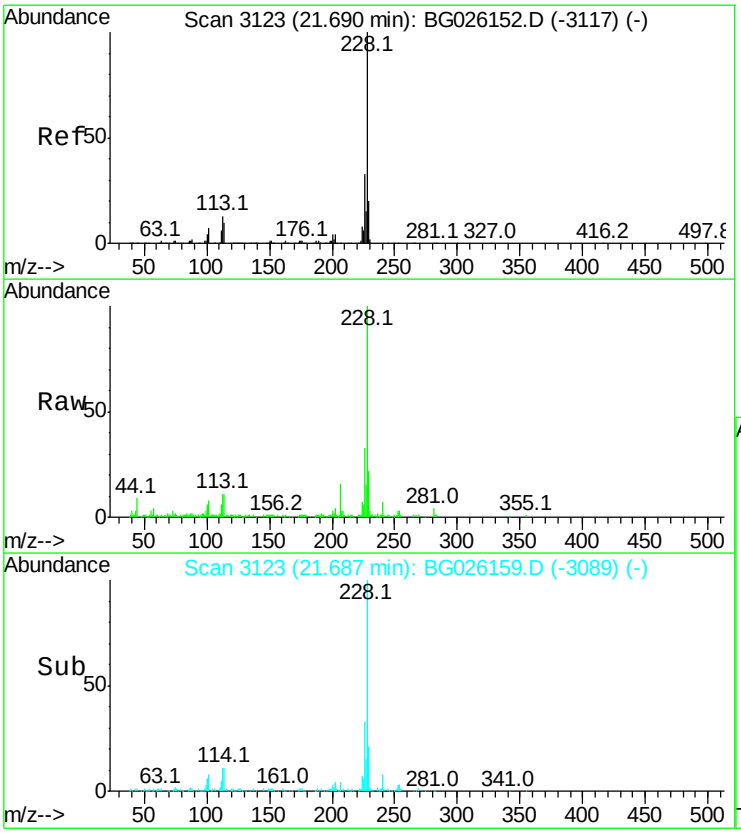
#21
Benzo(a)anthracene
Concen: 2.25 ng/ul
RT: 21.62 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BG026159.D
Acq: 9 Mar 2017 21:15

Instrument :
BNA_G
ClientSampleId :
C0AJ2

Tgt Ion:228 Resp: 90818

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.9	23.9
226	27.8	22.1	33.1

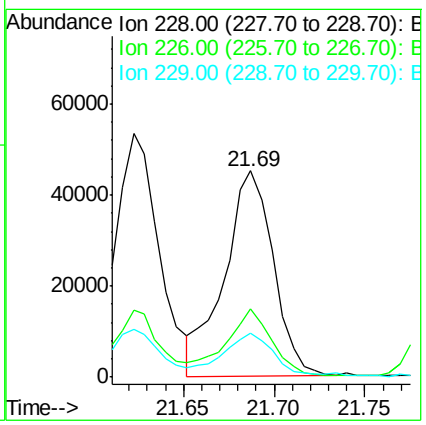


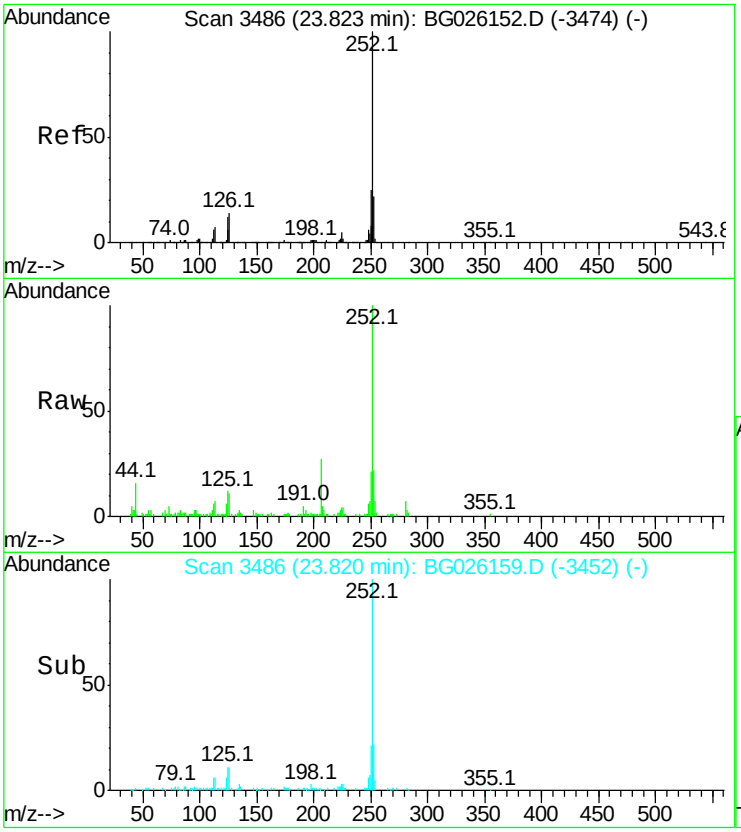


#22
Chrysene
Concen: 2.25 ng/ul
RT: 21.69 min Scan# 3123
Delta R.T. -0.00 min
Lab File: BG026159.D
Acq: 9 Mar 2017 21:15

Tgt Ion:228 Resp: 84486

Ion	Ratio	Lower	Upper
228	100		
226	33.3	25.0	37.6
229	21.6	16.6	25.0



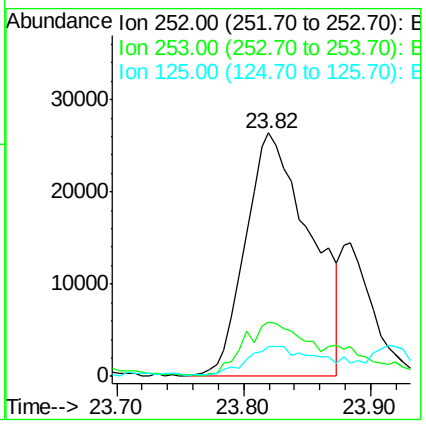


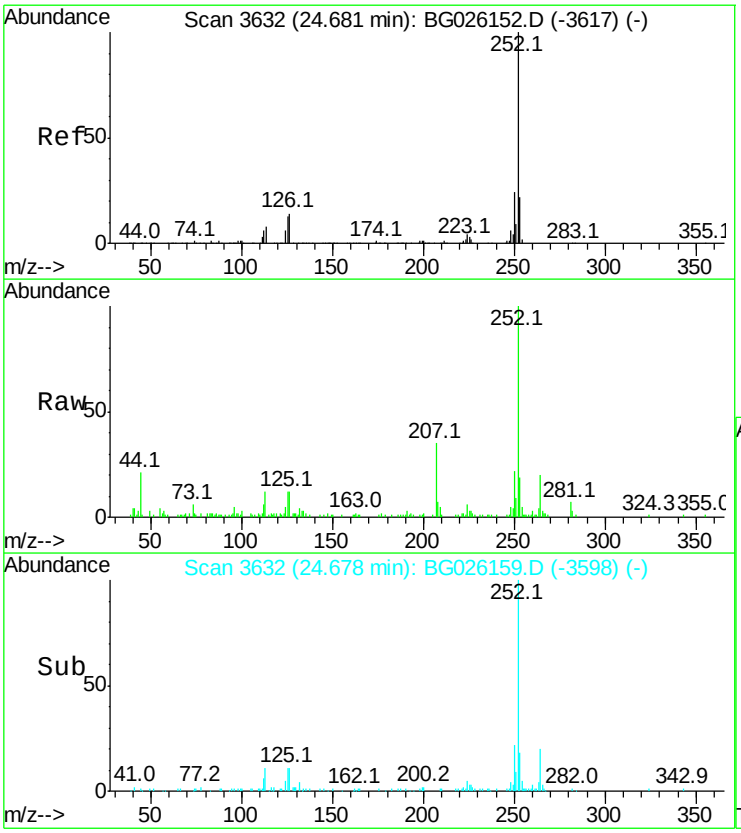
#24
Benzo(b)fluoranthene
Concen: 2.38 ng/ul
RT: 23.82 min Scan# 3486
Delta R.T. -0.00 min
Lab File: BG026159.D
Acq: 9 Mar 2017 21:15

Instrument :
BNA_G
ClientSampleId :
C0AJ2

Tgt Ion:252 Resp: 93839

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	12.4	9.4	14.0





#27
Benzo(a)pyrene
Concen: 1.54 ng/ul
RT: 24.68 min Scan# 3632
Delta R.T. -0.00 min
Lab File: BG026159.D
Acq: 9 Mar 2017 21:15

Tgt Ion:252 Resp: 56427

Ion	Ratio	Lower	Upper
252	100		
253	19.1	17.1	25.7
125	12.0	9.4	14.2