Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
Data File : BG026301.D
Acq On : 18 Mar 2017 3:48
Operator : SJ/MA
Sample : I2283-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB302

Quant Time: Mar 18 05:40:21 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	152488	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	721577	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	395662	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	771517	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	765354	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	718040	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.49	165	14560	1.36	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	952670	28.24	ng/ul	0.00
10) Fluorene-d10	15.64	176	730040	29.67	ng/ul	0.00
15) Anthracene-d10	17.39	188	771517	22.50	ng/ul	-0.10
19) Pyrene-d10	19.76	212	1030957	26.40	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	622284	20.09	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.43	178	69765	1.71	ng/ul	96
16) Anthracene	17.43	178	69765	1.69	ng/ul	98
17) Fluoranthene	19.43	202	137649	3.24	ng/ul	99
20) Pyrene	19.79	202	118128	2.42	ng/ul	99
21) Benzo(a)anthracene	21.62	228	66953	1.57	ng/ul	96
22) Chrysene	21.68	228	69432	1.75	ng/ul	96
24) Benzo(b)fluoranthene	23.82	252	78322	1.92	ng/ul#	96
27) Benzo(a)pyrene	24.67	252	39591	1.05	ng/ul#	91

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

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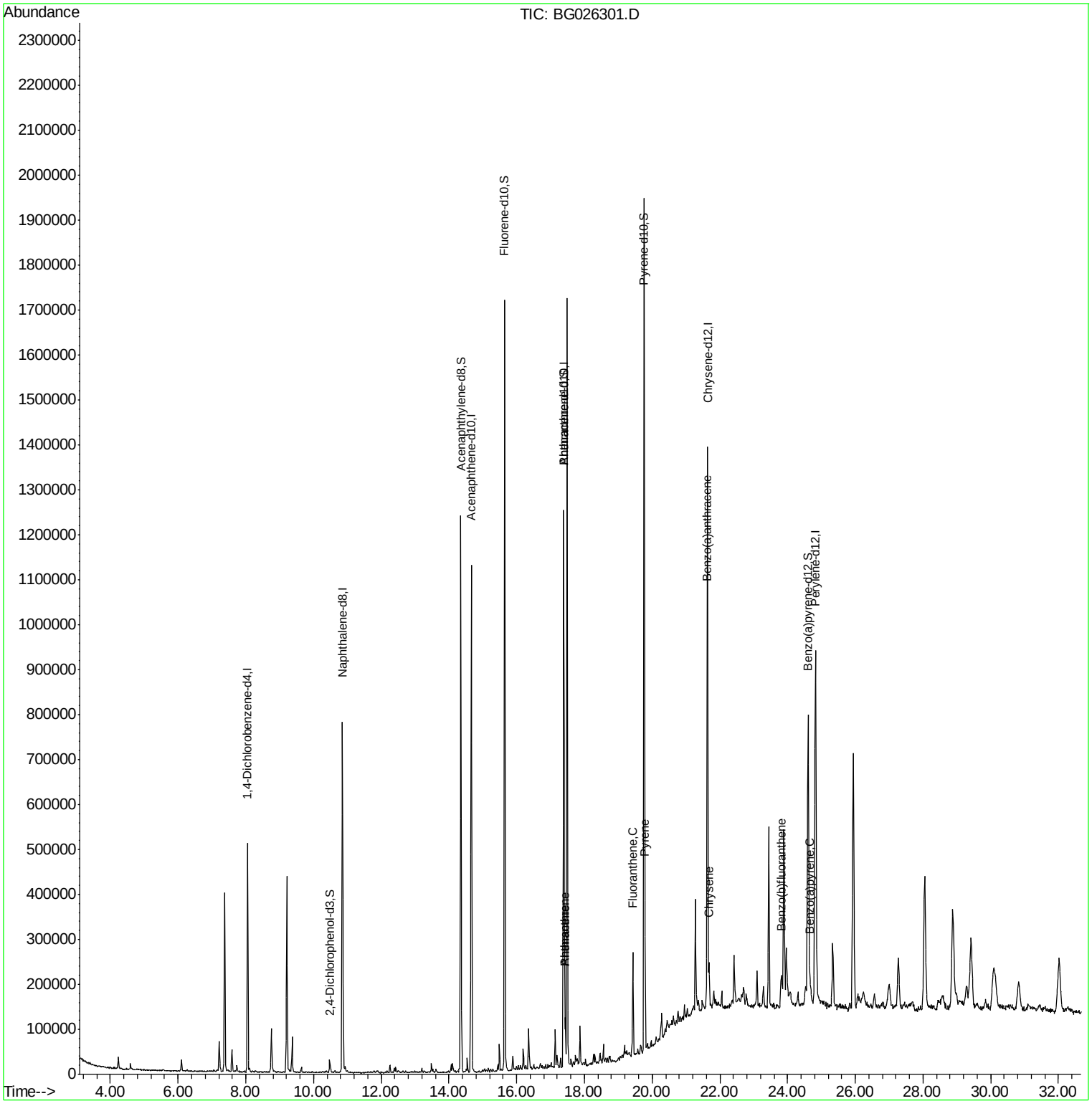
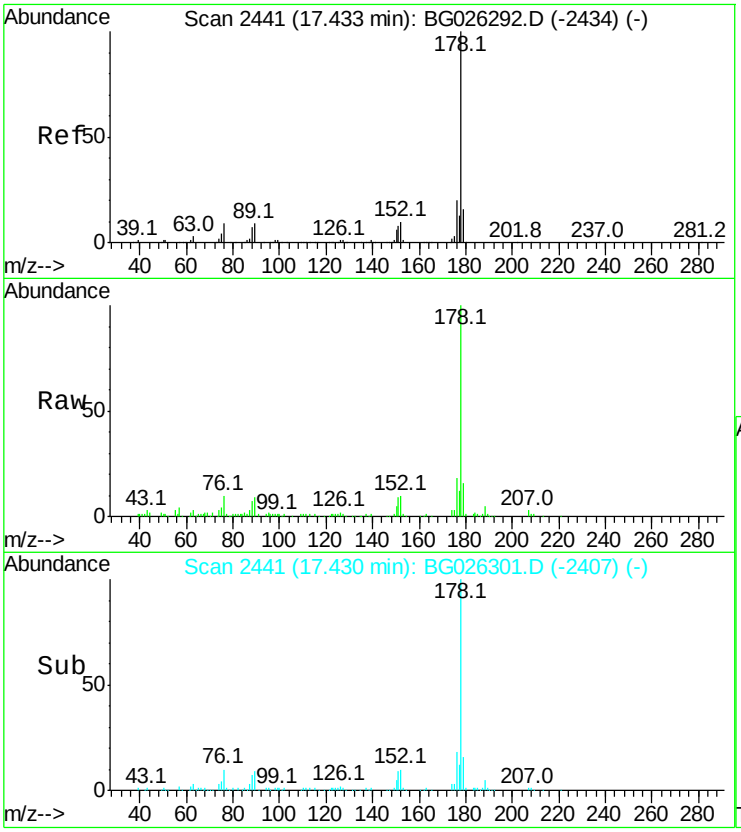


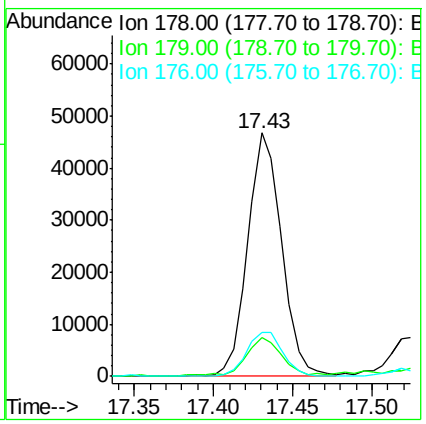


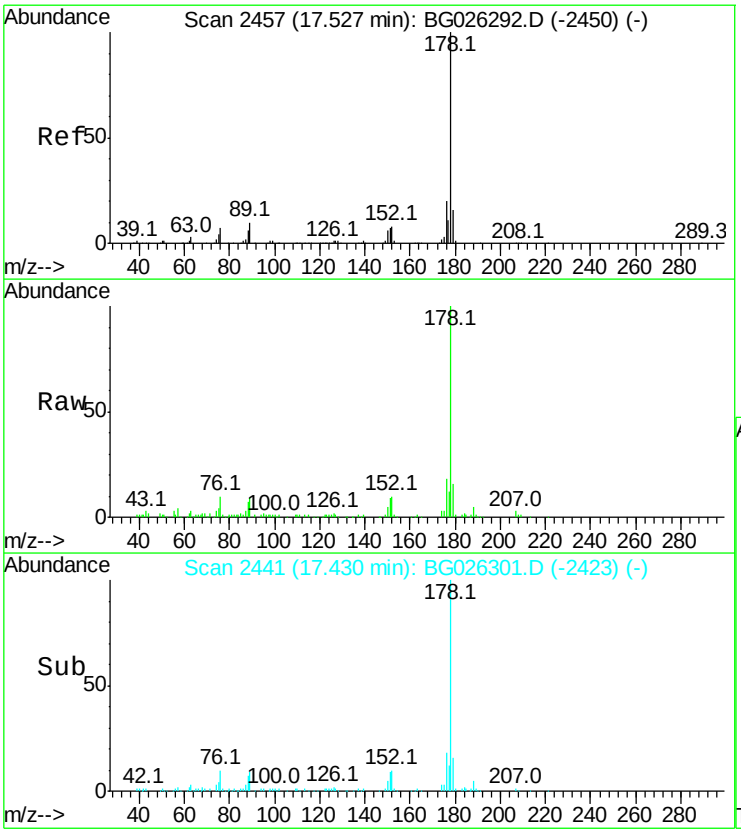
#14
Phenanthrene
Concen: 1.71 ng/ul
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG026301.D
Acq: 18 Mar 2017 3:48

Instrument :
BNA_G
ClientSampleId :
CB302

Tgt Ion:178 Resp: 69765

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.2	18.4
176	18.3	16.4	24.6

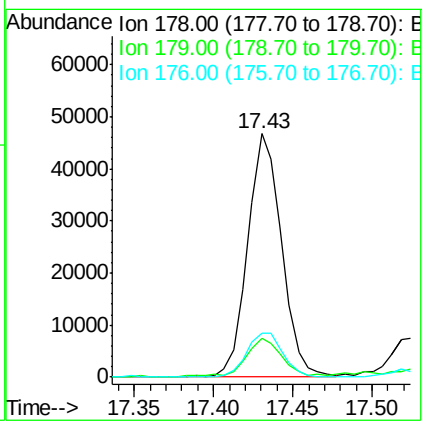


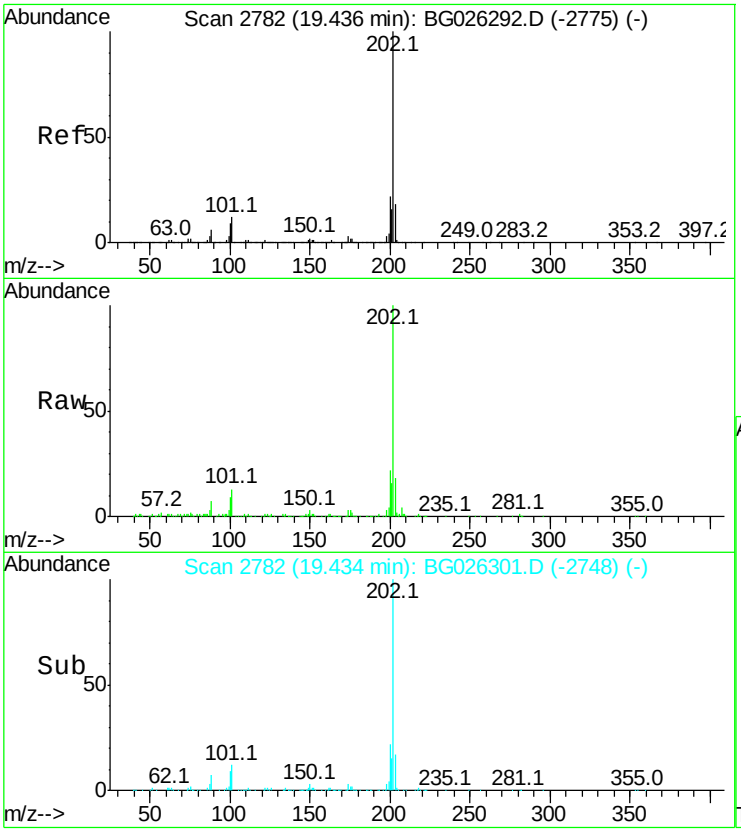


#16
Anthracene
Concen: 1.69 ng/ul
RT: 17.43 min Scan# 2441
Delta R.T. -0.10 min
Lab File: BG026301.D
Acq: 18 Mar 2017 3:48

Tgt Ion:178 Resp: 69765

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.7	19.1
176	18.3	15.8	23.8



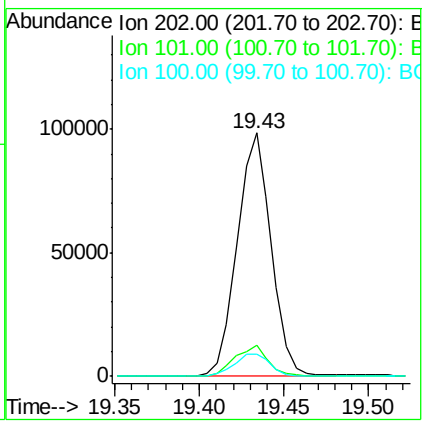


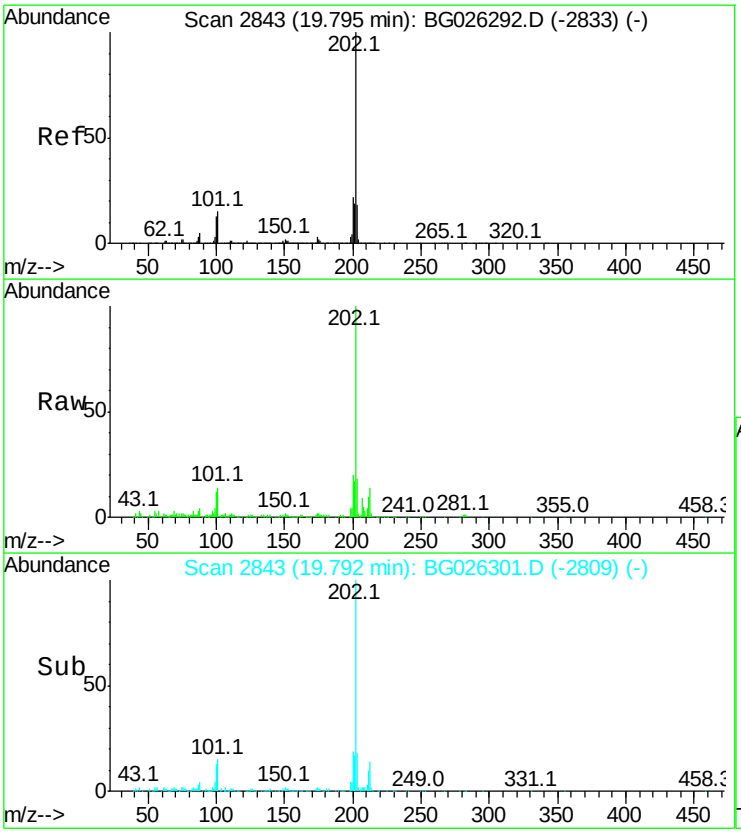
#17
Fluoranthene
Concen: 3.24 ng/ul
RT: 19.43 min Scan# 2782
Delta R.T. -0.00 min
Lab File: BG026301.D
Acq: 18 Mar 2017 3:48

Instrument :
BNA_G
ClientSampleId :
CB302

Tgt Ion:202 Resp: 137649

Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.8	14.8
100	9.0	7.5	11.3

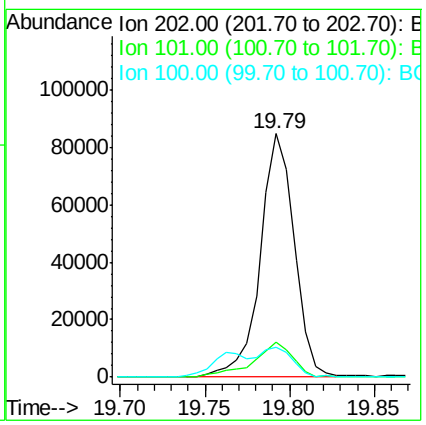


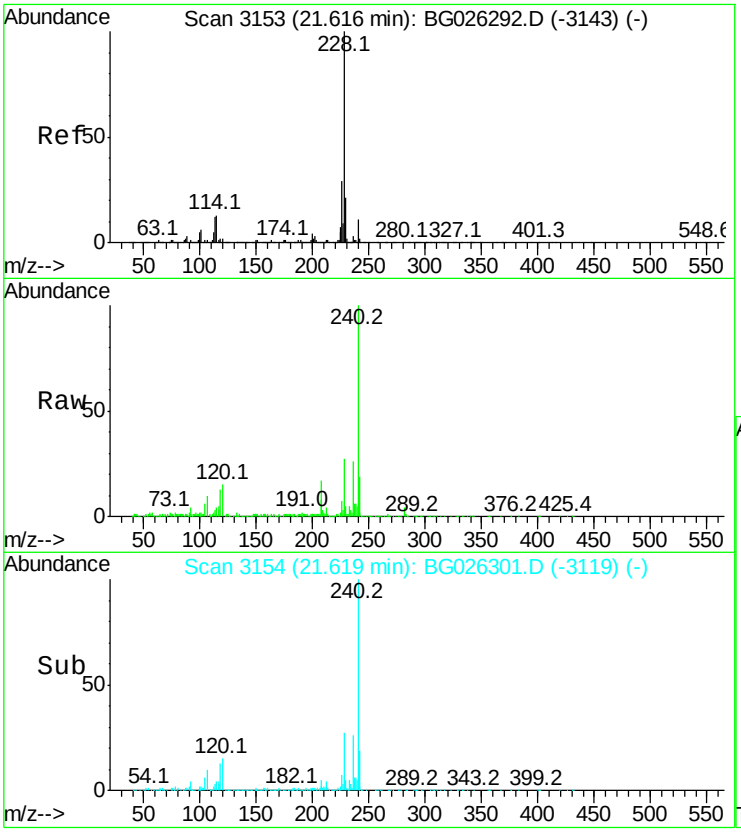


#20
Pyrene
Concen: 2.42 ng/ul
RT: 19.79 min Scan# 2843
Delta R.T. -0.00 min
Lab File: BG026301.D
Acq: 18 Mar 2017 3:48

Tgt Ion:202 Resp: 118128

Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.2	16.8
100	12.4	9.8	14.6



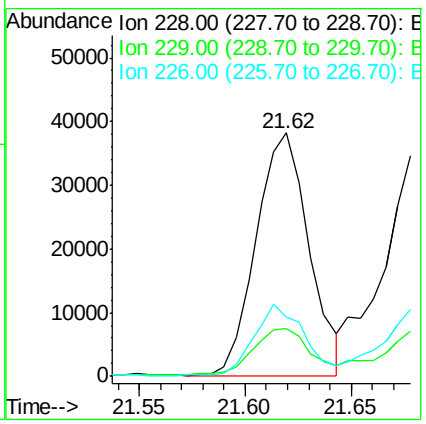


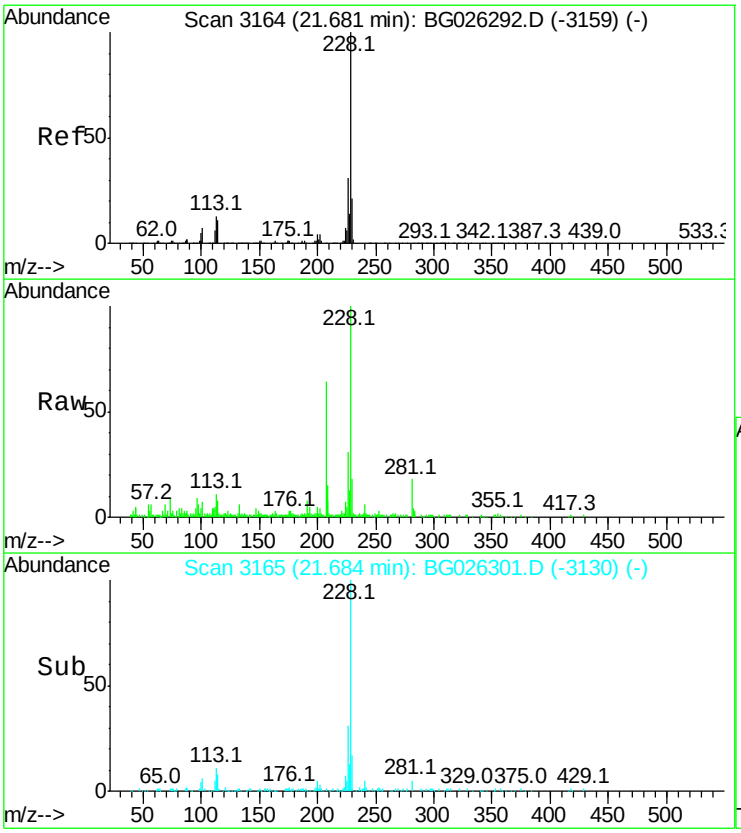
#21
Benzo(a)anthracene
Concen: 1.57 ng/ul
RT: 21.62 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BG026301.D
Acq: 18 Mar 2017 3:48

Instrument :
BNA_G
ClientSampleId :
CB302

Tgt Ion:228 Resp: 66953

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.9	23.9
226	24.5	22.1	33.1

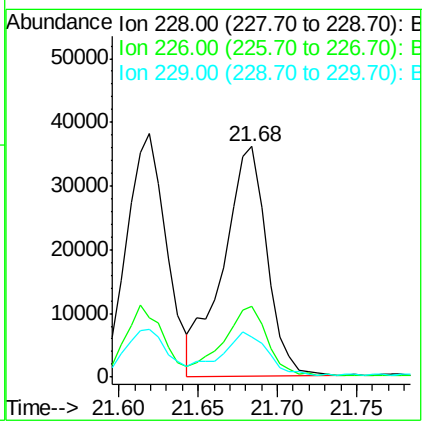


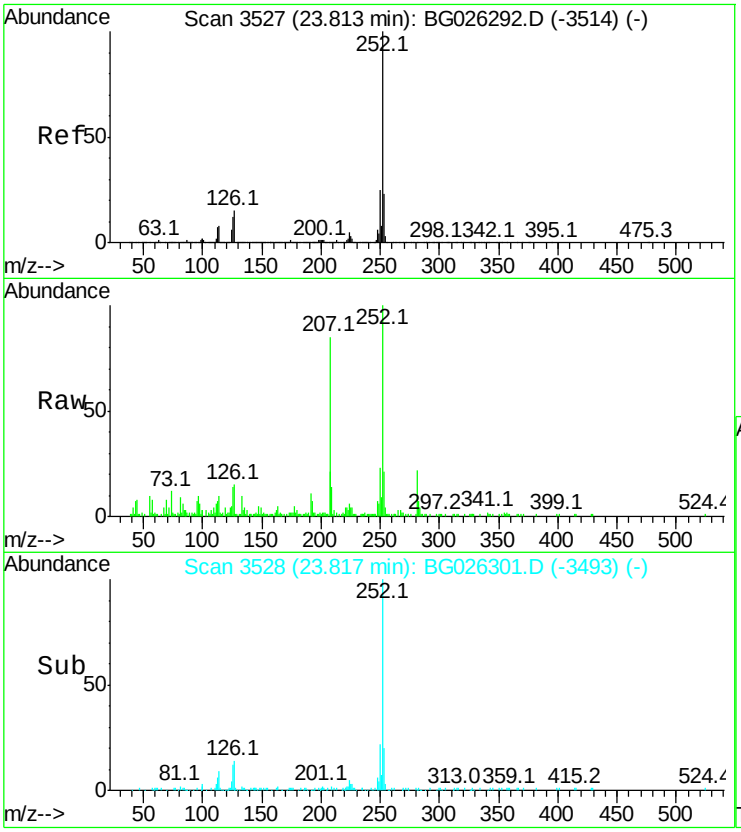


#22
Chrysene
Concen: 1.75 ng/ul
RT: 21.68 min Scan# 3165
Delta R.T. 0.00 min
Lab File: BG026301.D
Acq: 18 Mar 2017 3:48

Tgt Ion:228 Resp: 69432

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	17.6	16.6	25.0



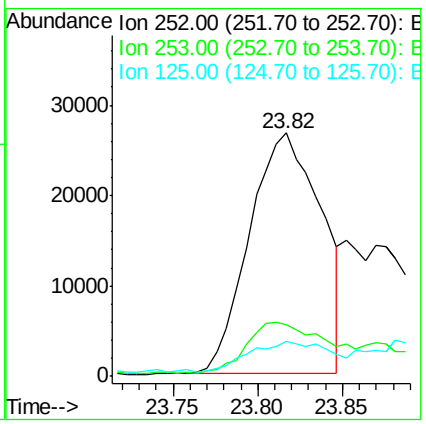


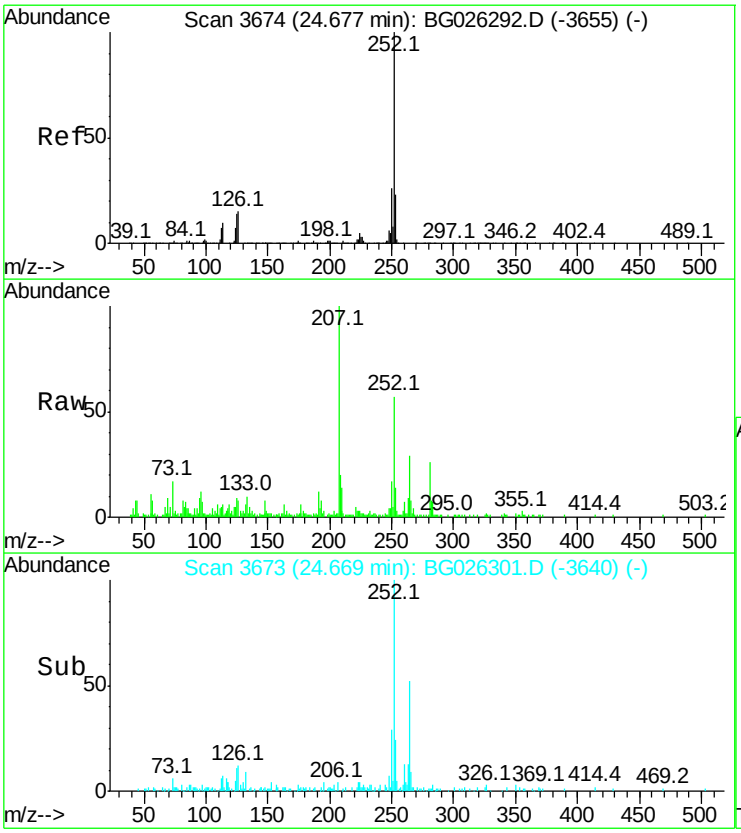
#24
Benzo(b)fluoranthene
Concen: 1.92 ng/ul
RT: 23.82 min Scan# 3528
Delta R.T. 0.00 min
Lab File: BG026301.D
Acq: 18 Mar 2017 3:48

Instrument :
BNA_G
ClientSampleId :
CB302

Tgt Ion:252 Resp: 78322

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.6
125	14.5	9.4	14.0#





#27
Benzo(a)pyrene
Concen: 1.05 ng/ul
RT: 24.67 min Scan# 3673
Delta R.T. -0.01 min
Lab File: BG026301.D
Acq: 18 Mar 2017 3:48

Tgt Ion:252 Resp: 39591

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.1	25.7
125	15.7	9.4	14.2#