Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
Data File : BG026296.D
Acq On : 18 Mar 2017 00:32
Operator : SJ/MA
Sample : I2218-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB383

Quant Time: Mar 18 01:30:21 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	8.06	152	123505	20.00	ng/ul	0.00
2) Naphthalene-d8	10.85	136	581954	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	317207	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	626023	20.00	ng/ul	0.00
18) Chrysene-d12	21.63	240	624930	20.00	ng/ul	0.00
23) Perylene-d12	24.82	264	582790	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	3029	0.35	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	545739	20.18	ng/ul	0.00
10) Fluorene-d10	15.65	176	439822	22.29	ng/ul	0.00
15) Anthracene-d10	17.49	188	585397	21.04	ng/ul	0.00
19) Pyrene-d10	19.77	212	637619	20.00	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	505500	20.11	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.43	178	83678	2.52	ng/ul	97
17) Fluoranthene	19.43	202	178953	5.20	ng/ul	97
20) Pyrene	19.79	202	174418	4.38	ng/ul	98
21) Benzo(a)anthracene	21.62	228	104509	3.00	ng/ul	98
22) Chrysene	21.68	228	100102	3.08	ng/ul	99
24) Benzo(b)fluoranthene	23.82	252	132045	3.99	ng/ul#	97
25) Benzo(k)fluoranthene	23.82	252	132045	4.18	ng/ul#	97
27) Benzo(a)pyrene	24.67	252	78291	2.55	ng/ul#	90

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

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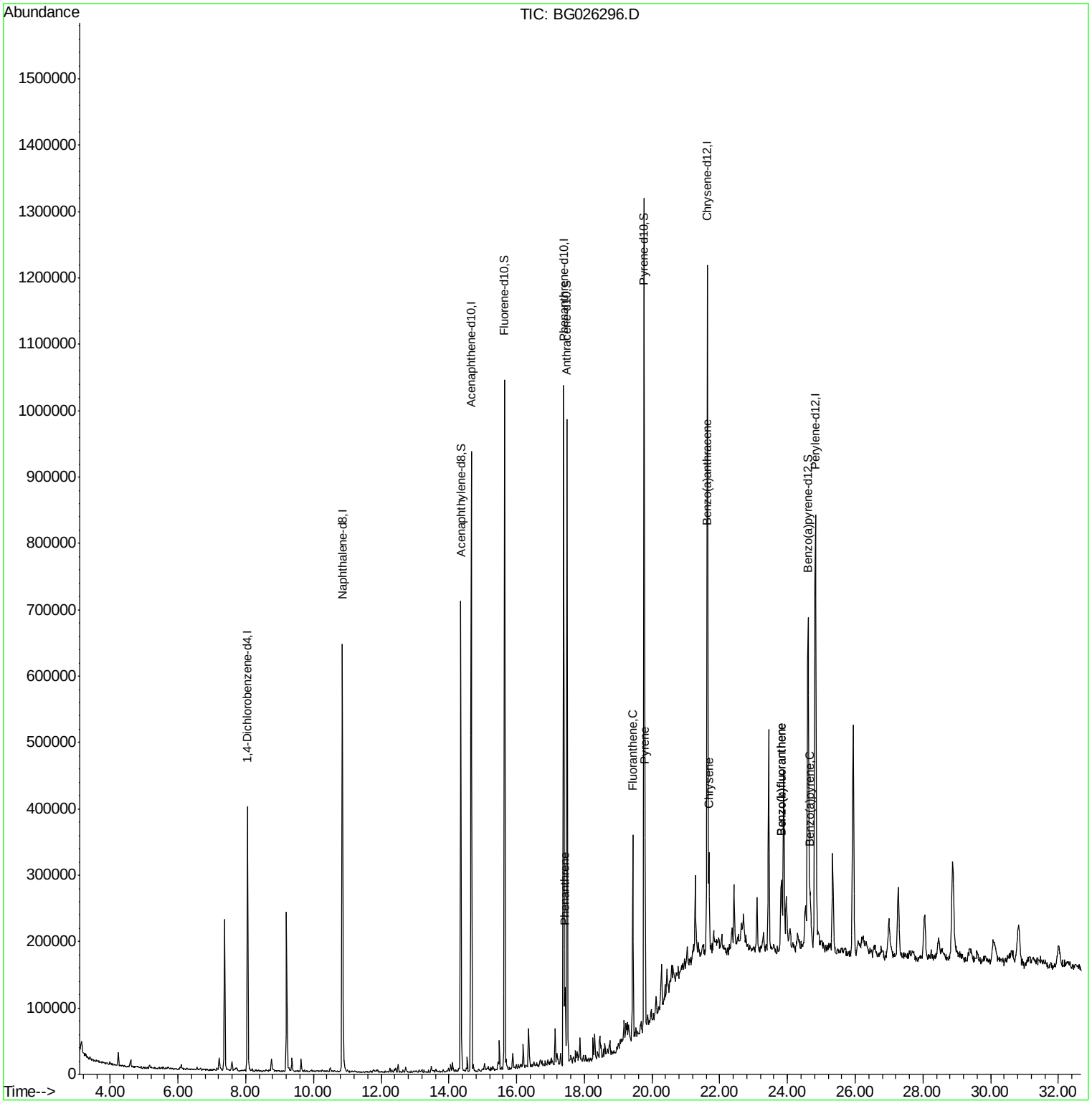
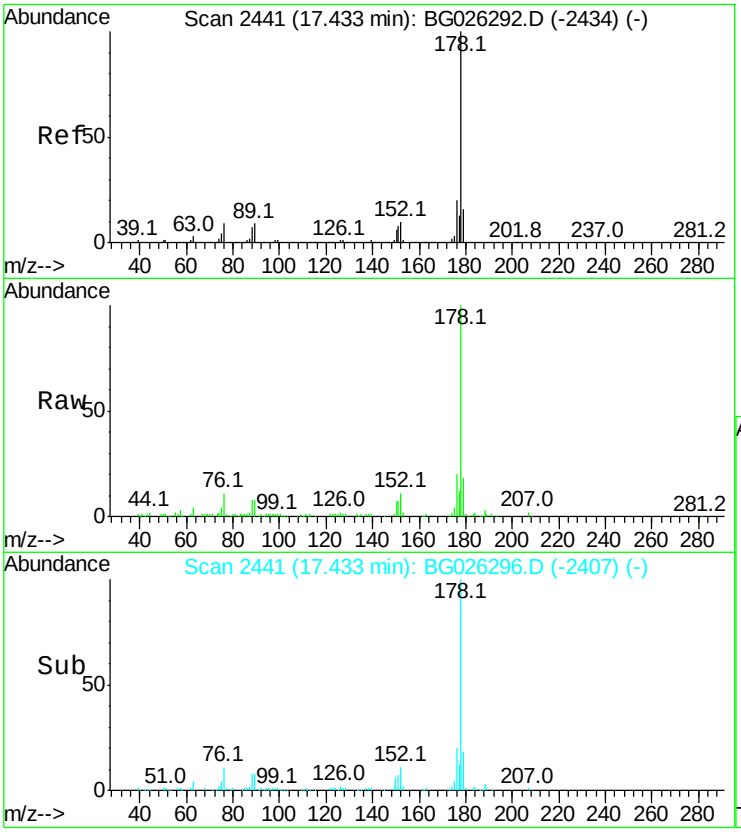


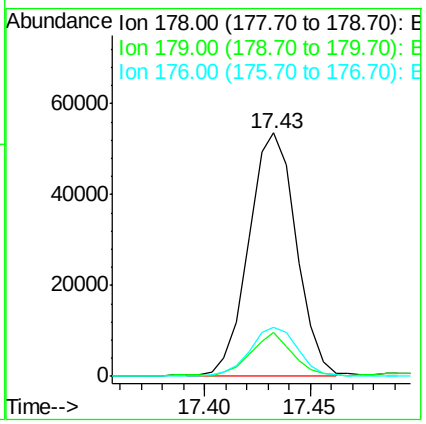


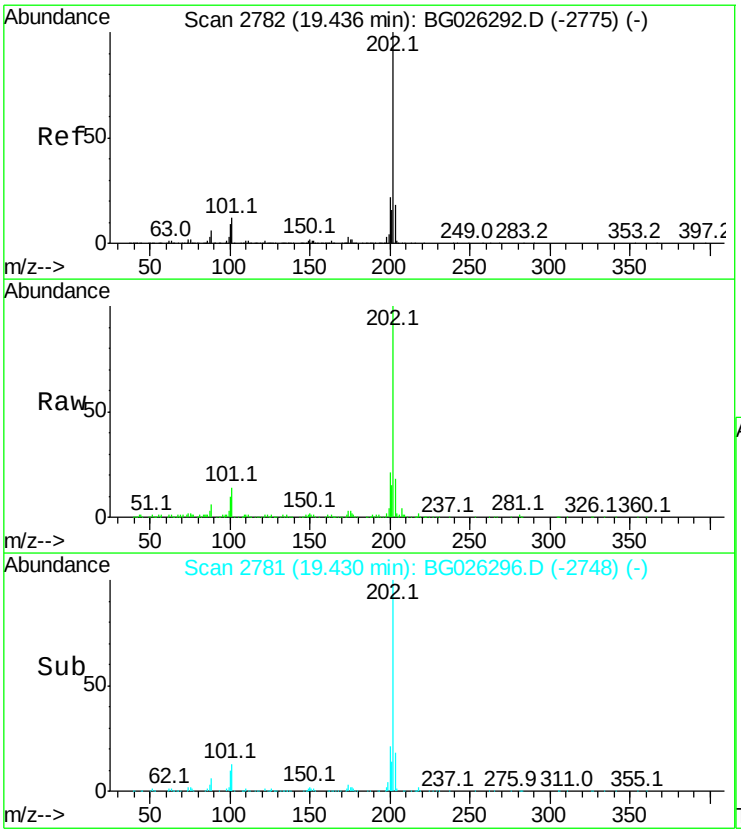
#14
Phenanthrene
Concen: 2.52 ng/ul
RT: 17.43 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG026296.D
Acq: 18 Mar 2017 00:32

Instrument :
BNA_G
ClientSampleId :
CB383

Tgt Ion:178 Resp: 83678

Ion	Ratio	Lower	Upper
178	100		
179	18.0	12.2	18.4
176	20.4	16.4	24.6

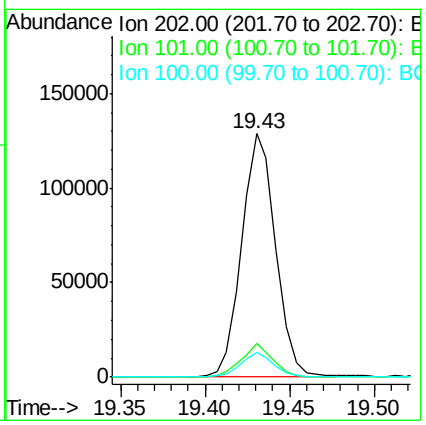


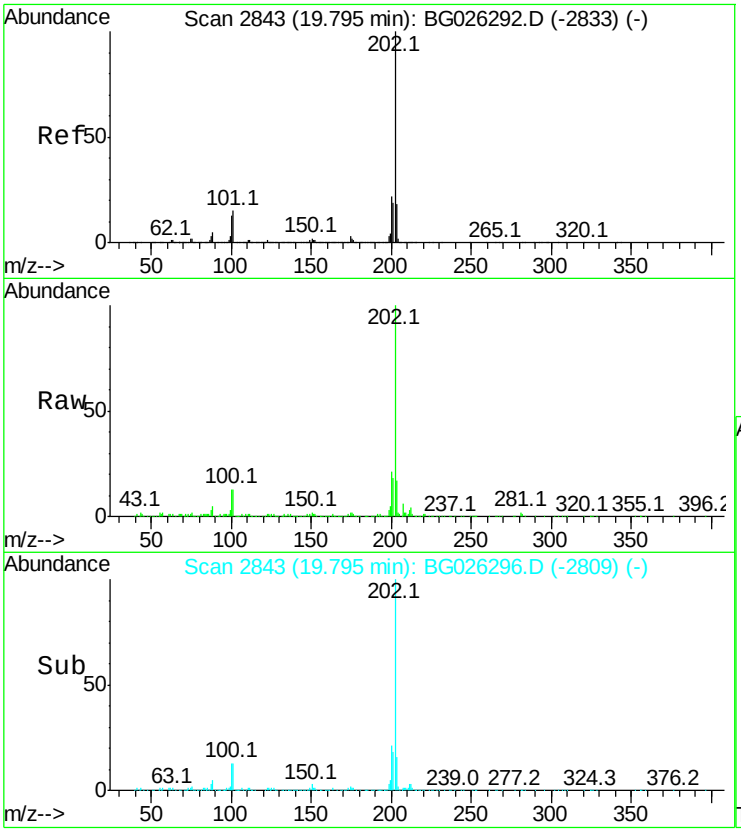


#17
Fluoranthene
Concen: 5.20 ng/ul
RT: 19.43 min Scan# 2781
Delta R.T. -0.01 min
Lab File: BG026296.D
Acq: 18 Mar 2017 00:32

Tgt Ion:202 Resp: 178953

Ion	Ratio	Lower	Upper
202	100		
101	13.7	9.8	14.8
100	10.4	7.5	11.3



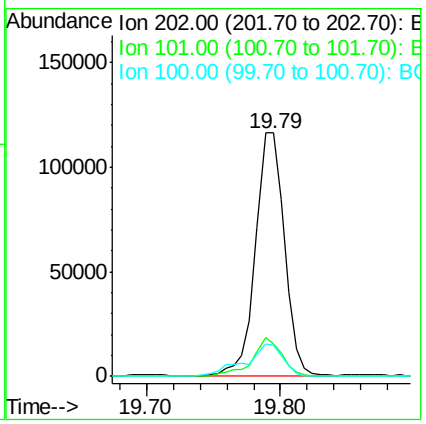


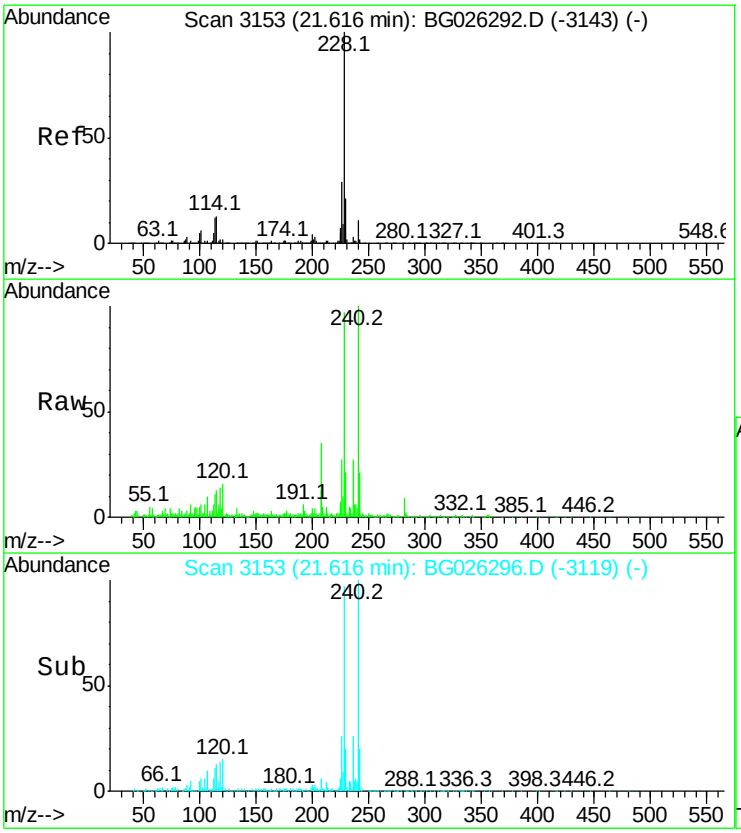
#20
Pyrene
Concen: 4.38 ng/ul
RT: 19.79 min Scan# 2843
Delta R.T. 0.00 min
Lab File: BG026296.D
Acq: 18 Mar 2017 00:32

Instrument :
BNA_G
ClientSampleId :
CB383

Tgt Ion:202 Resp: 174418

Ion	Ratio	Lower	Upper
202	100		
101	13.2	11.2	16.8
100	12.6	9.8	14.6

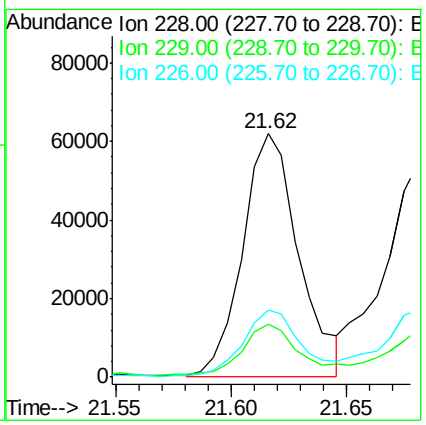


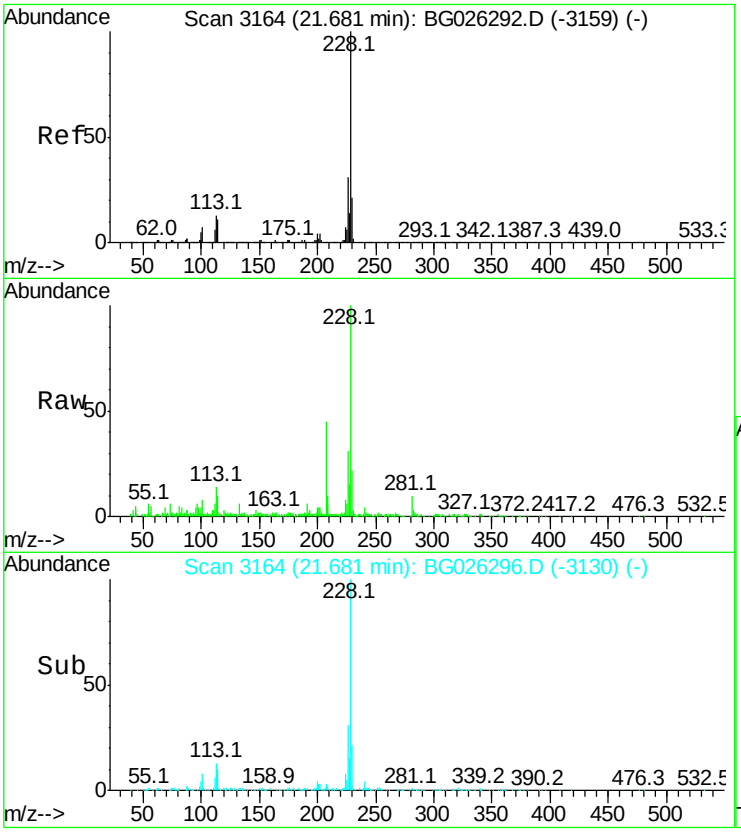


#21
Benzo(a)anthracene
Concen: 3.00 ng/ul
RT: 21.62 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG026296.D
Acq: 18 Mar 2017 00:32

Tgt Ion:228 Resp: 104509

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.9	23.9
226	27.7	22.1	33.1



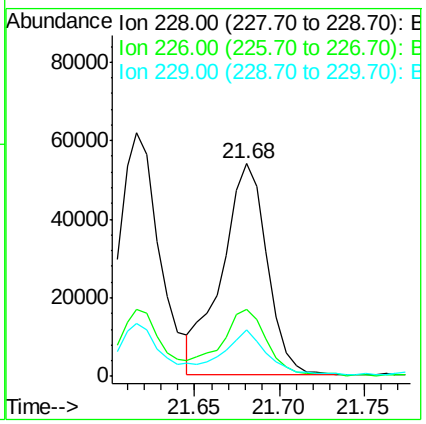


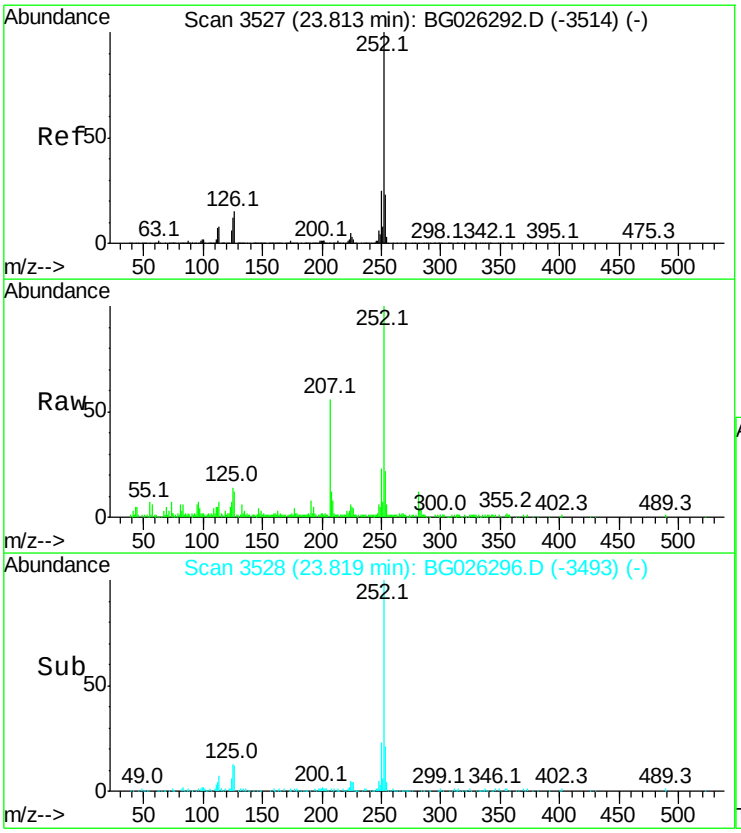
#22
Chrysene
Concen: 3.08 ng/ul
RT: 21.68 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BG026296.D
Acq: 18 Mar 2017 00:32

Instrument :
BNA_G
ClientSampleId :
CB383

Tgt Ion:228 Resp: 100102

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	21.9	16.6	25.0

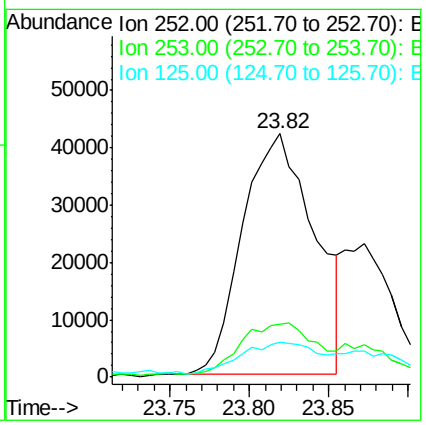


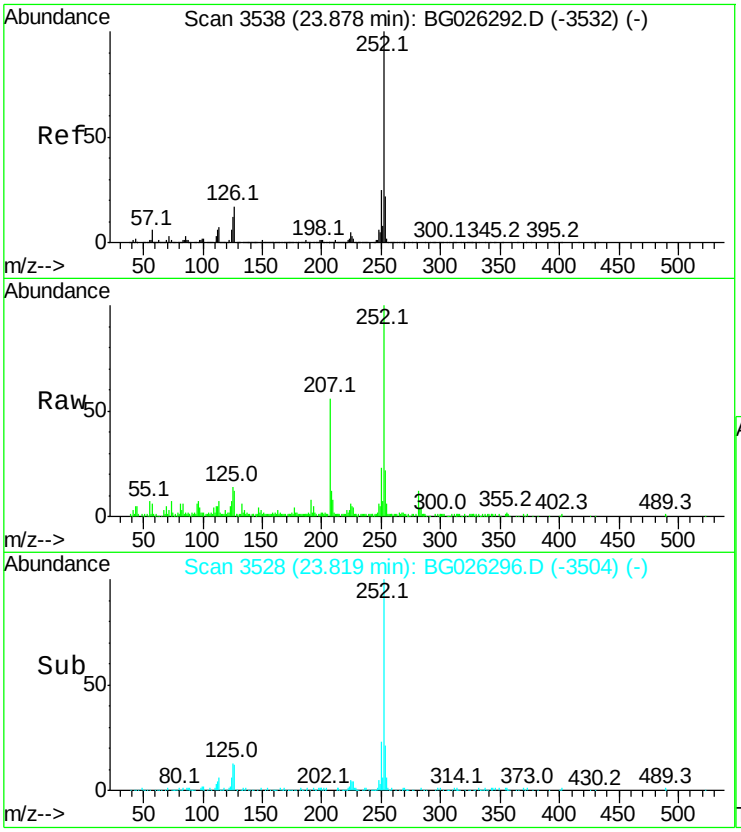


#24
Benzo(b)fluoranthene
Concen: 3.99 ng/ul
RT: 23.82 min Scan# 3528
Delta R.T. 0.01 min
Lab File: BG026296.D
Acq: 18 Mar 2017 00:32

Tgt Ion:252 Resp: 132045

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	14.4	9.4	14.0#



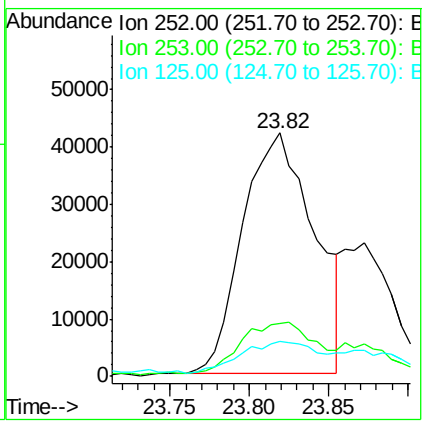


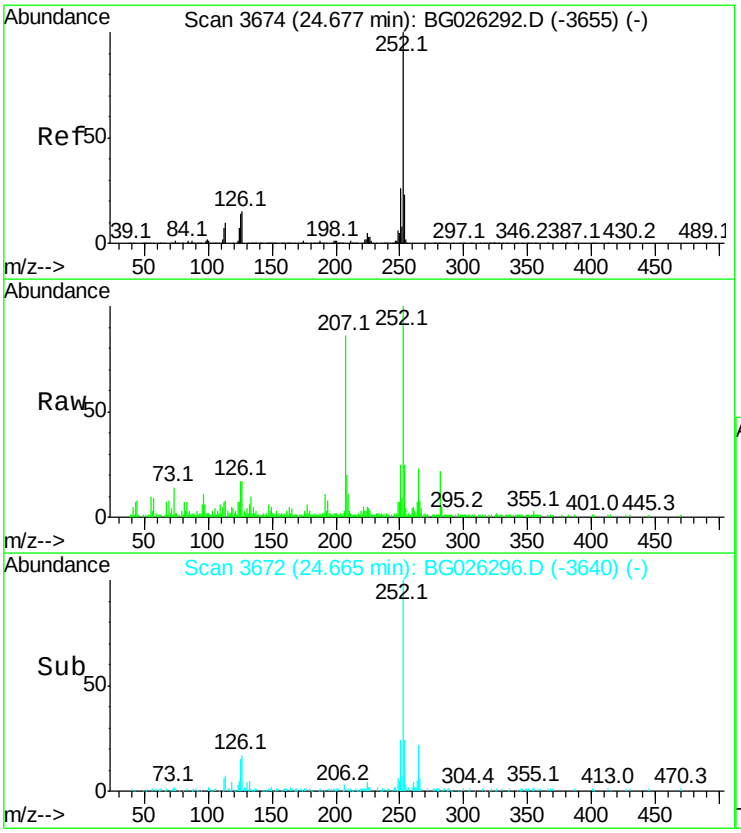
#25
Benzo(k)fluoranthene
Concen: 4.18 ng/ul
RT: 23.82 min Scan# 3528
Delta R.T. -0.06 min
Lab File: BG026296.D
Acq: 18 Mar 2017 00:32

Instrument :
BNA_G
ClientSampleId :
CB383

Tgt Ion:252 Resp: 132045

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	14.4	8.8	13.2#





#27
Benzo(a)pyrene
Concen: 2.55 ng/ul
RT: 24.67 min Scan# 3672
Delta R.T. -0.01 min
Lab File: BG026296.D
Acq: 18 Mar 2017 00:32

Tgt Ion:252 Resp: 78291

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.1	25.7
125	16.9	9.4	14.2#