Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
Data File : BG026295.D
Acq On : 17 Mar 2017 23:53
Operator : SJ/MA
Sample : I2218-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB382

Quant Time: Mar 18 00:30:51 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	135903	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	635322	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	342582	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	675379	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	674746	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	617797	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.47	165	179242	19.05	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	867588	29.70	ng/ul	0.00
10) Fluorene-d10	15.64	176	607876	28.53	ng/ul	0.00
15) Anthracene-d10	17.49	188	820571	27.34	ng/ul	0.00
19) Pyrene-d10	19.76	212	900013	26.14	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	820680	30.80	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.43	178	121388	3.39	ng/ul	99
17) Fluoranthene	19.43	202	260751	7.02	ng/ul	98
20) Pyrene	19.79	202	257661	6.00	ng/ul	99
21) Benzo(a)anthracene	21.62	228	152639	4.06	ng/ul	98
22) Chrysene	21.68	228	146989	4.19	ng/ul	99
24) Benzo(b)fluoranthene	23.81	252	197118	5.62	ng/ul	98
25) Benzo(k)fluoranthene	23.87	252	79653	2.38	ng/ul	97
27) Benzo(a)pyrene	24.68	252	131554	4.04	ng/ul#	96
28) Indeno(1,2,3-cd)pyrene	28.45	276	78761	2.19	ng/ul	95

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

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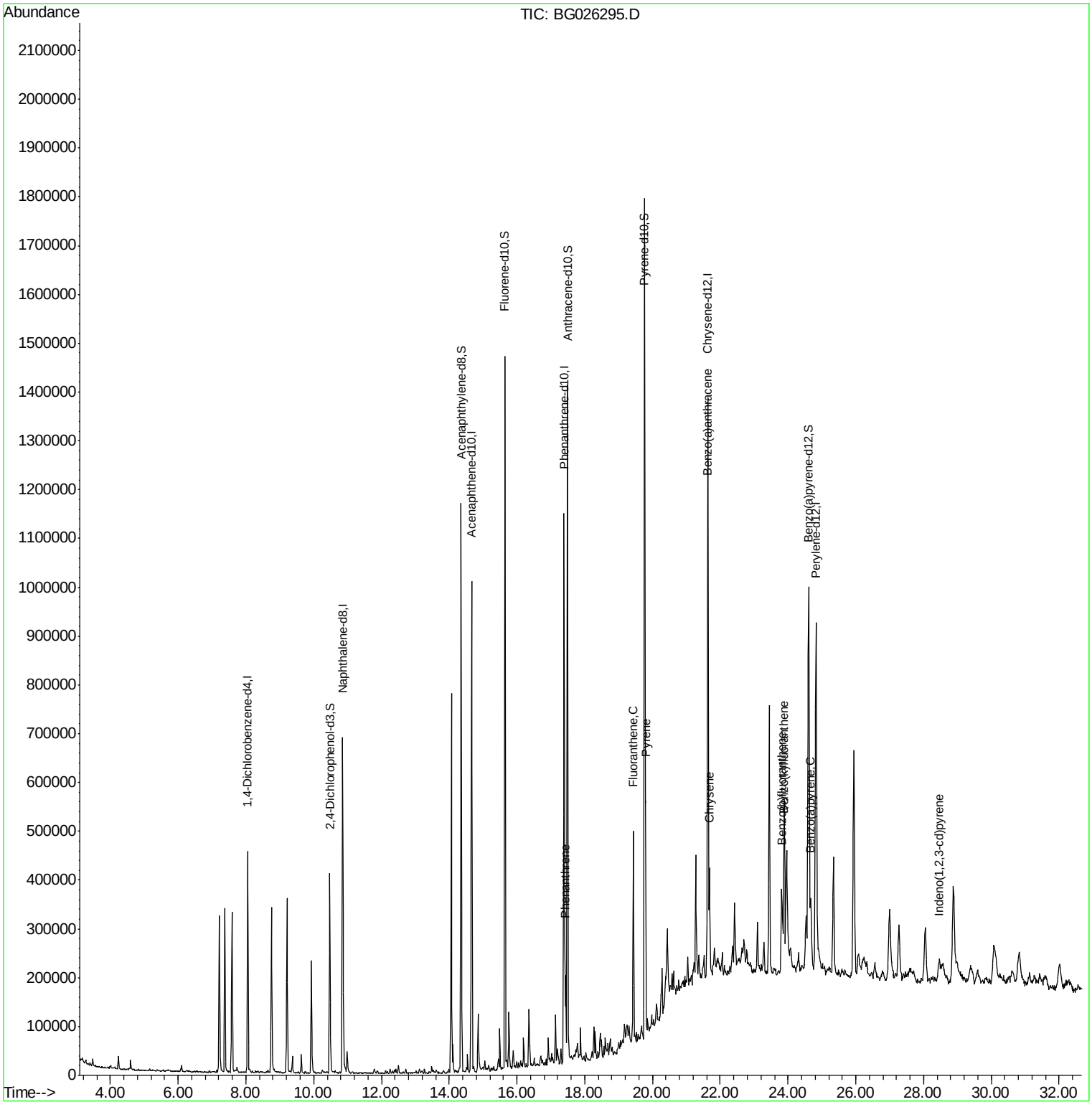
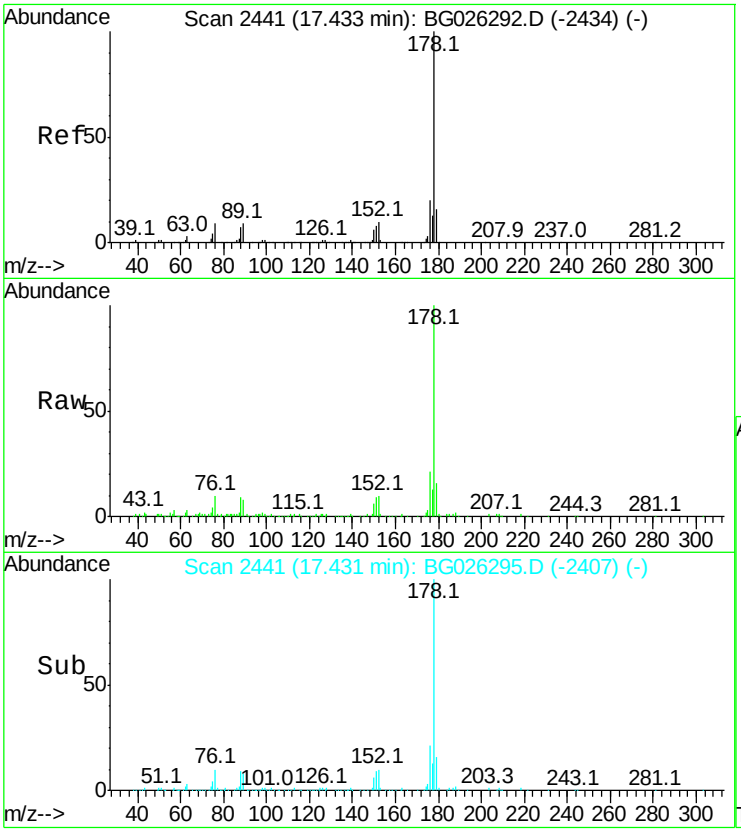


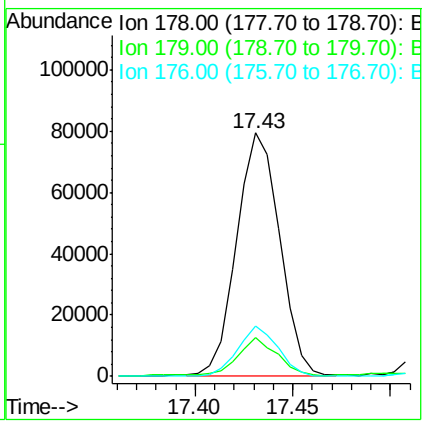


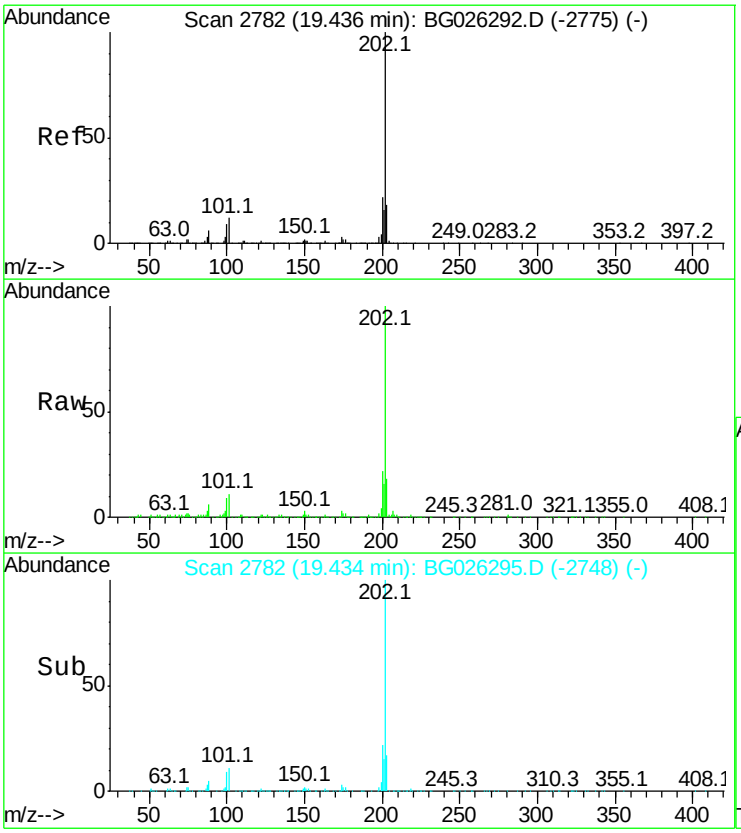
#14
Phenanthrene
Concen: 3.39 ng/ul
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG026295.D
Acq: 17 Mar 2017 23:53

Instrument :
BNA_G
ClientSampleId :
CB382

Tgt Ion:178 Resp: 121388

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.4
176	20.5	16.4	24.6

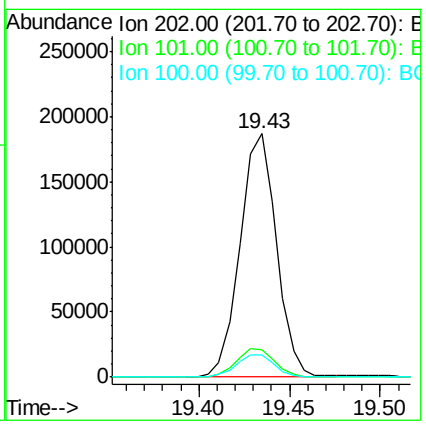


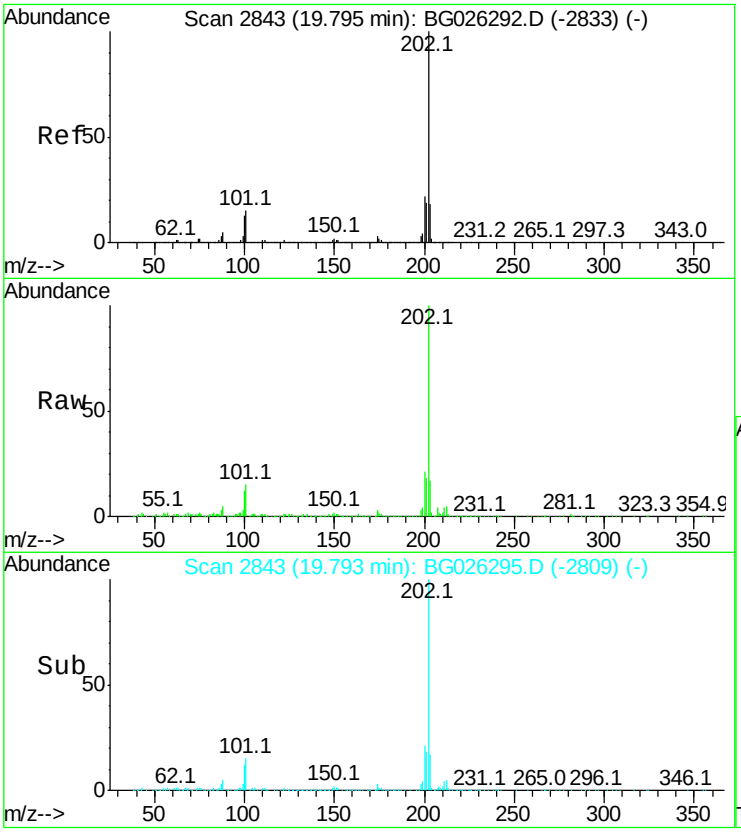


#17
Fluoranthene
Concen: 7.02 ng/ul
RT: 19.43 min Scan# 2782
Delta R.T. -0.00 min
Lab File: BG026295.D
Acq: 17 Mar 2017 23:53

Tgt Ion:202 Resp: 260751

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.8	14.8
100	9.3	7.5	11.3



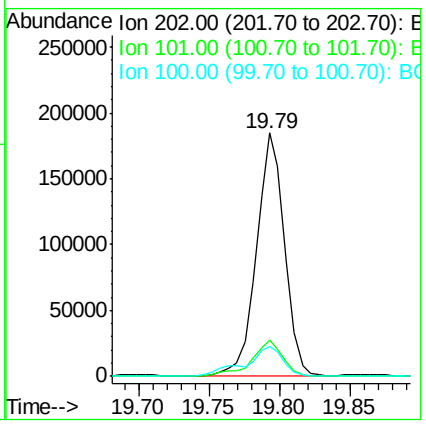


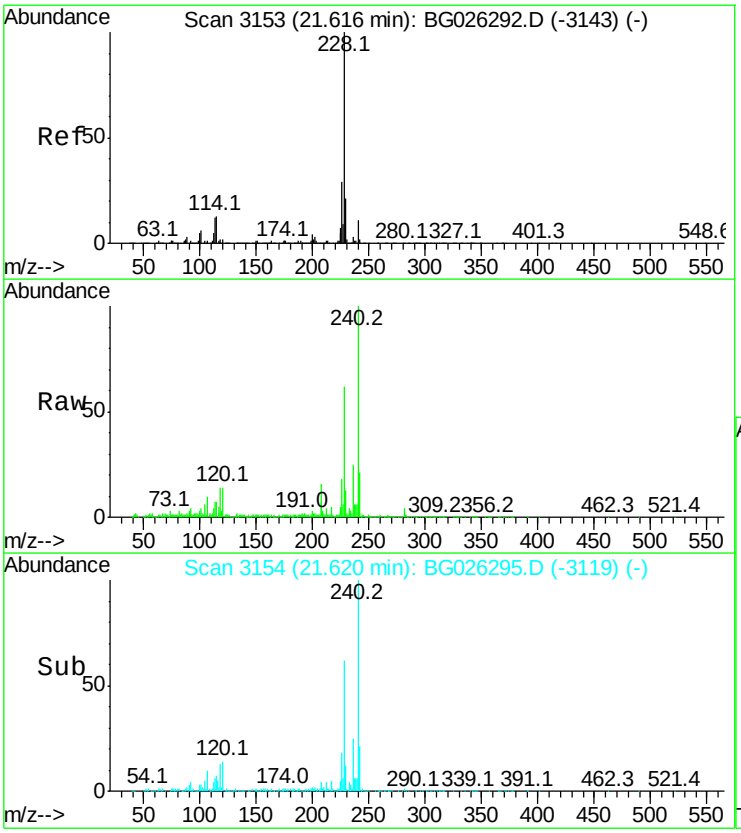
#20
Pyrene
Concen: 6.00 ng/ul
RT: 19.79 min Scan# 2843
Delta R.T. -0.00 min
Lab File: BG026295.D
Acq: 17 Mar 2017 23:53

Instrument :
BNA_G
ClientSampleId :
CB382

Tgt Ion:202 Resp: 257661

Ion	Ratio	Lower	Upper
202	100		
101	14.8	11.2	16.8
100	12.3	9.8	14.6

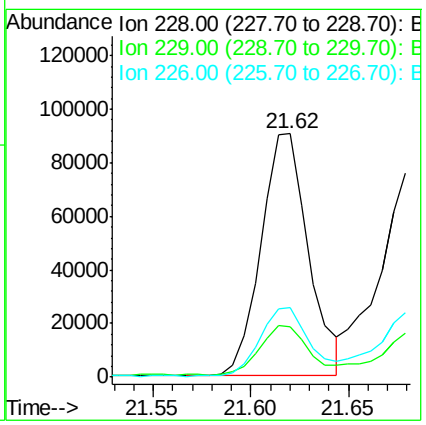


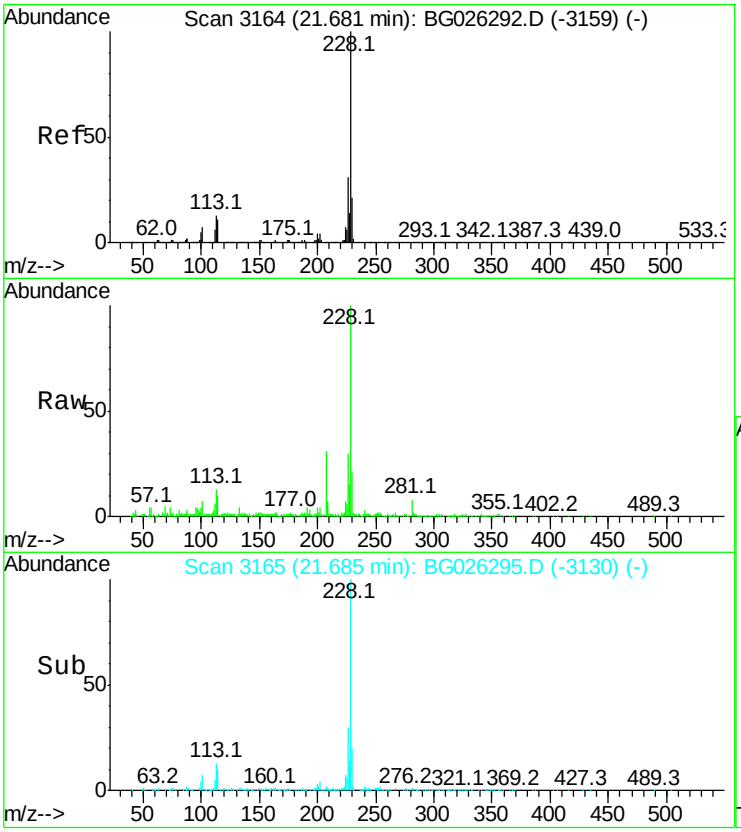


#21
Benzo(a)anthracene
Concen: 4.06 ng/ul
RT: 21.62 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BG026295.D
Acq: 17 Mar 2017 23:53

Tgt Ion:228 Resp: 152639

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.9	23.9
226	28.7	22.1	33.1



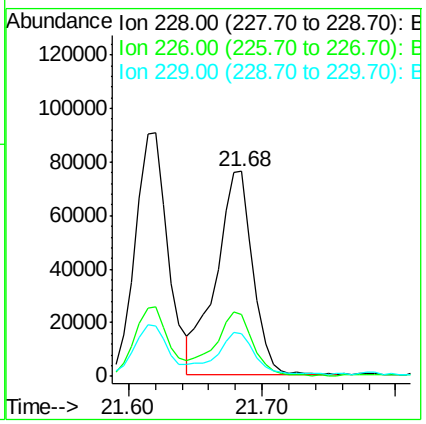


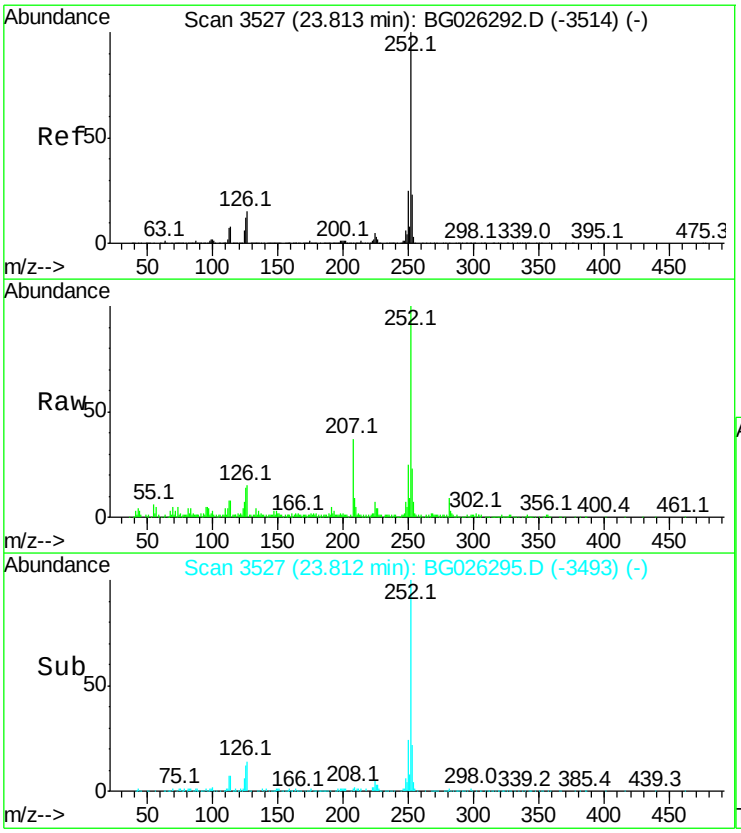
#22
Chrysene
Concen: 4.19 ng/ul
RT: 21.68 min Scan# 3165
Delta R.T. 0.00 min
Lab File: BG026295.D
Acq: 17 Mar 2017 23:53

Instrument :
BNA_G
ClientSampleId :
CB382

Tgt Ion:228 Resp: 146989

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	21.1	16.6	25.0

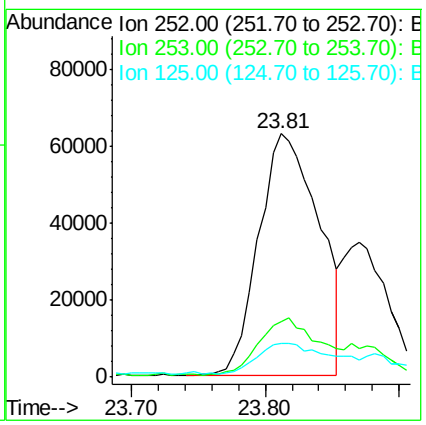


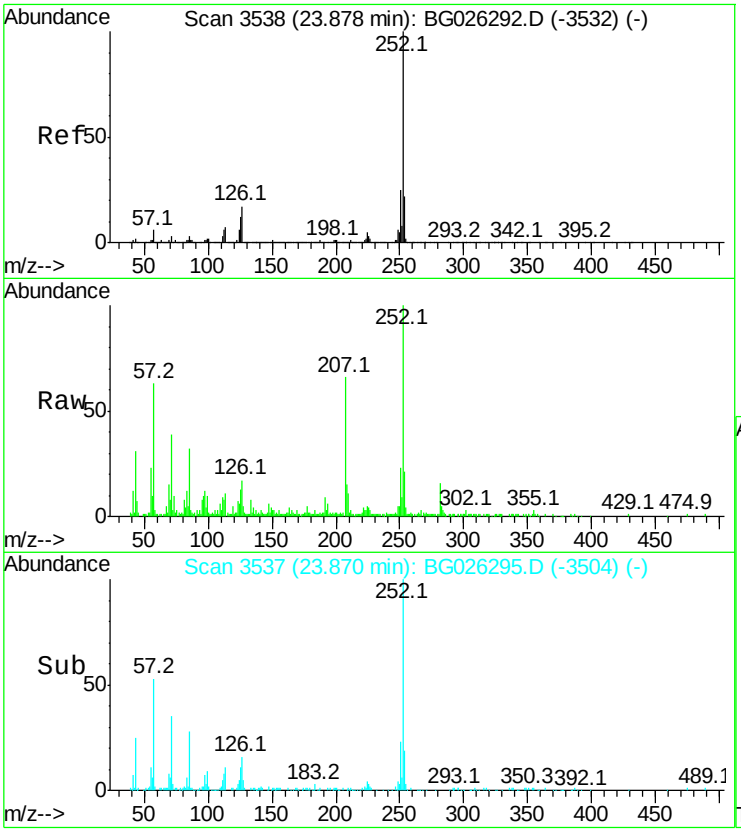


#24
Benzo(b)fluoranthene
Concen: 5.62 ng/ul
RT: 23.81 min Scan# 3527
Delta R.T. -0.00 min
Lab File: BG026295.D
Acq: 17 Mar 2017 23:53

Tgt Ion:252 Resp: 197118

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	13.6	9.4	14.0



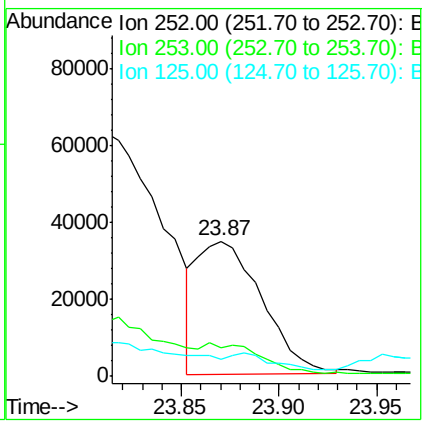


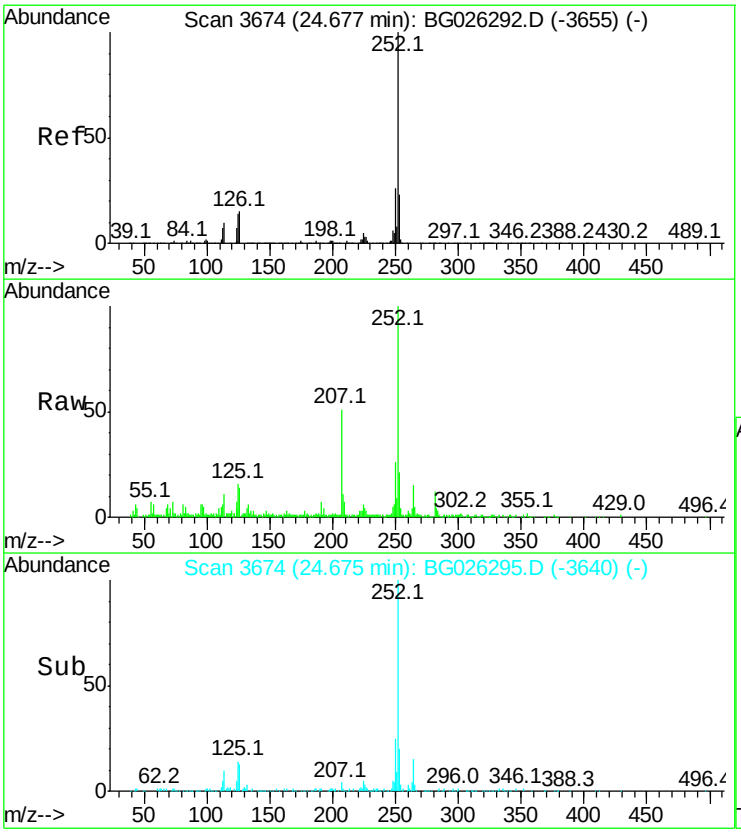
#25
Benzo(k)fluoranthene
Concen: 2.38 ng/ul
RT: 23.87 min Scan# 3537
Delta R.T. -0.01 min
Lab File: BG026295.D
Acq: 17 Mar 2017 23:53

Instrument :
BNA_G
ClientSampleId :
CB382

Tgt Ion:252 Resp: 79653

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.4	26.2
125	12.7	8.8	13.2

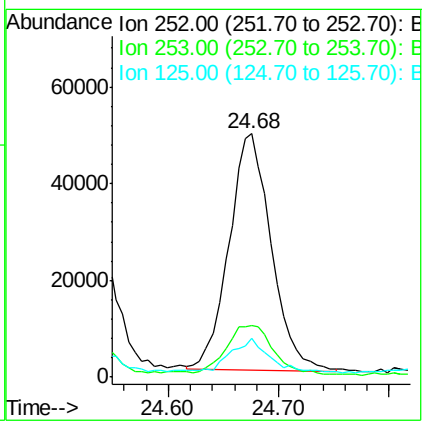


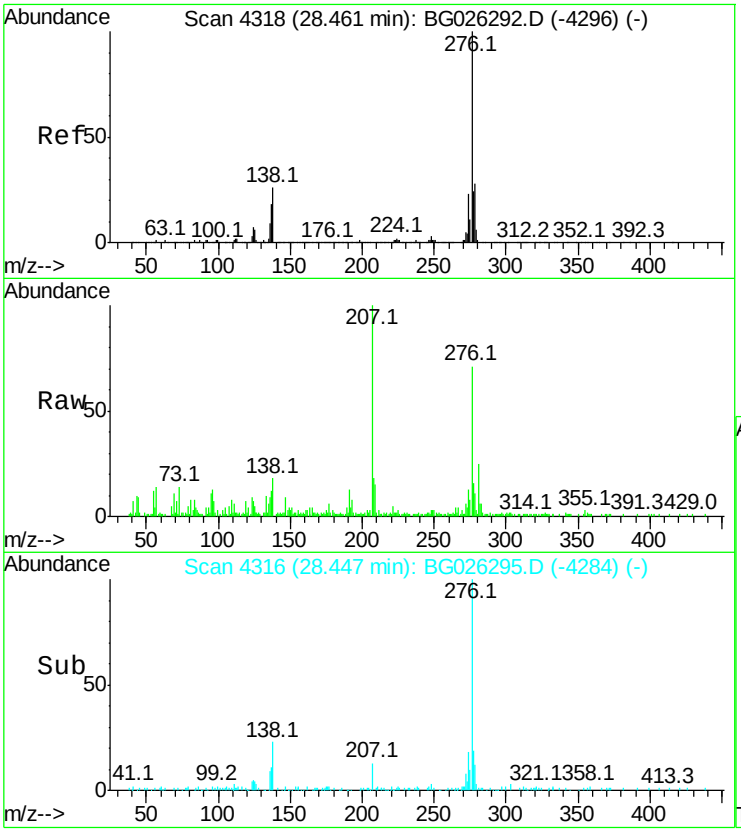


#27
Benzo(a)pyrene
Concen: 4.04 ng/ul
RT: 24.68 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG026295.D
Acq: 17 Mar 2017 23:53

Tgt Ion:252 Resp: 131554

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.1	25.7
125	15.7	9.4	14.2#





#28
Indeno(1,2,3-cd)pyrene
Concen: 2.19 ng/ul
RT: 28.45 min Scan# 4316
Delta R.T. -0.01 min
Lab File: BG026295.D
Acq: 17 Mar 2017 23:53

Instrument :
BNA_G
ClientSampleId :
CB382

Tgt Ion:276 Resp: 78761

Ion	Ratio	Lower	Upper
276	100		
138	25.0	17.8	26.6
277	22.2	19.4	29.0