Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
Data File : BG026305.D
Acq On : 18 Mar 2017 6:26
Operator : SJ/MA
Sample : I2283-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB306

Quant Time: Mar 18 07:01:05 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	167515	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	791243	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	428129	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	847119	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	845766	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	799433	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	48598	4.15	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	825751	22.62	ng/ul	0.00
10) Fluorene-d10	15.64	176	570028	21.41	ng/ul	0.00
15) Anthracene-d10	17.49	188	774635	20.58	ng/ul	0.00
19) Pyrene-d10	19.76	212	817301	18.94	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	731565	21.22	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.43	178	430940	9.60	ng/ul	100
16) Anthracene	17.52	178	85023	1.87	ng/ul	98
17) Fluoranthene	19.43	202	816967	17.53	ng/ul	99
20) Pyrene	19.79	202	709840	13.18	ng/ul	98
21) Benzo(a)anthracene	21.62	228	434703	9.24	ng/ul	97
22) Chrysene	21.68	228	444401	10.12	ng/ul	99
24) Benzo(b)fluoranthene	23.82	252	633174	13.95	ng/ul	98
25) Benzo(k)fluoranthene	23.82	252	633174	14.61	ng/ul#	97
27) Benzo(a)pyrene	24.67	252	410277	9.73	ng/ul	96
28) Indeno(1,2,3-cd)pyrene	28.45	276	221999	4.77	ng/ul	98
30) Benzo(g,h,i)perylene	29.58	276	89764	2.25	ng/ul	99

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

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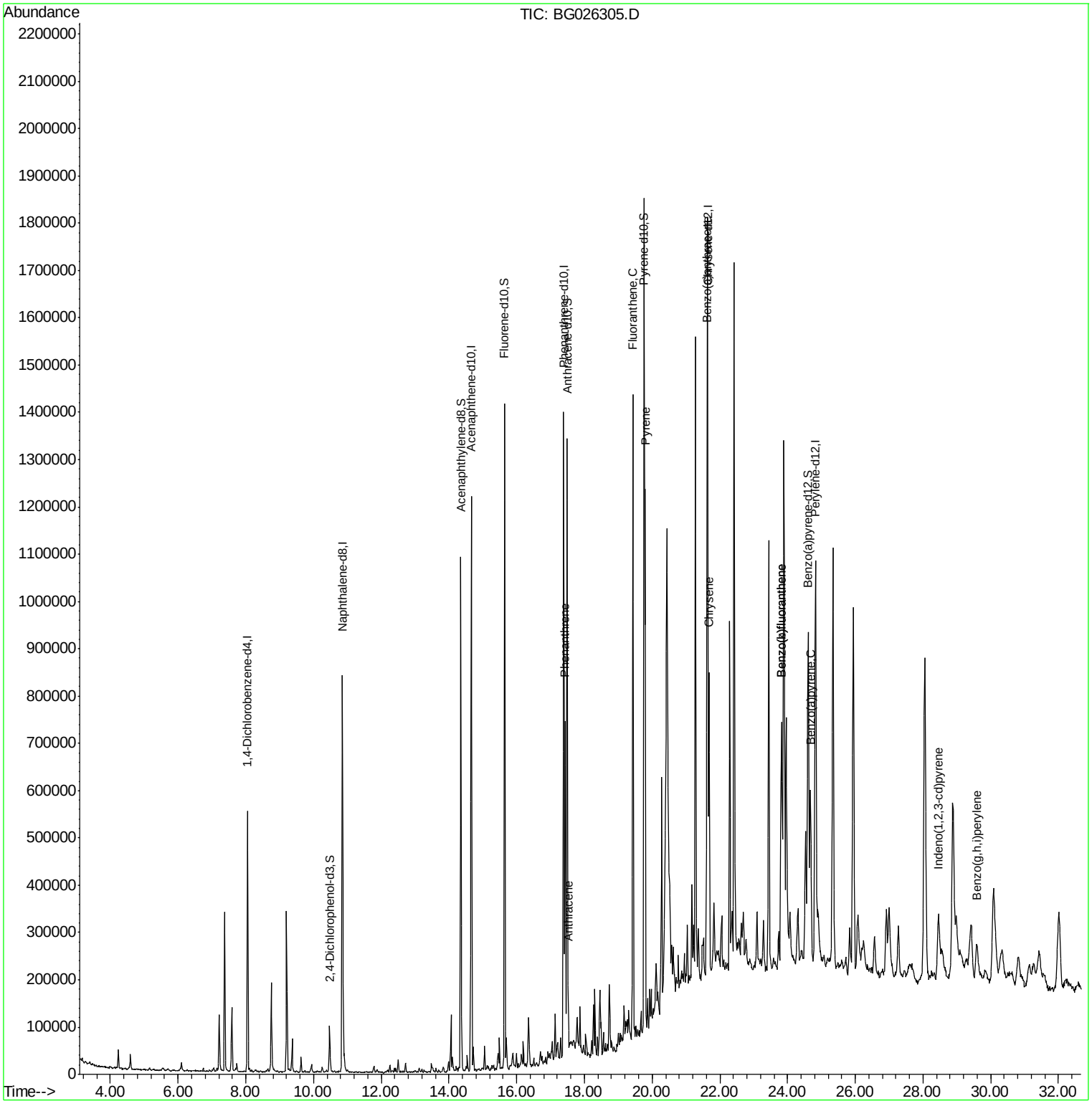
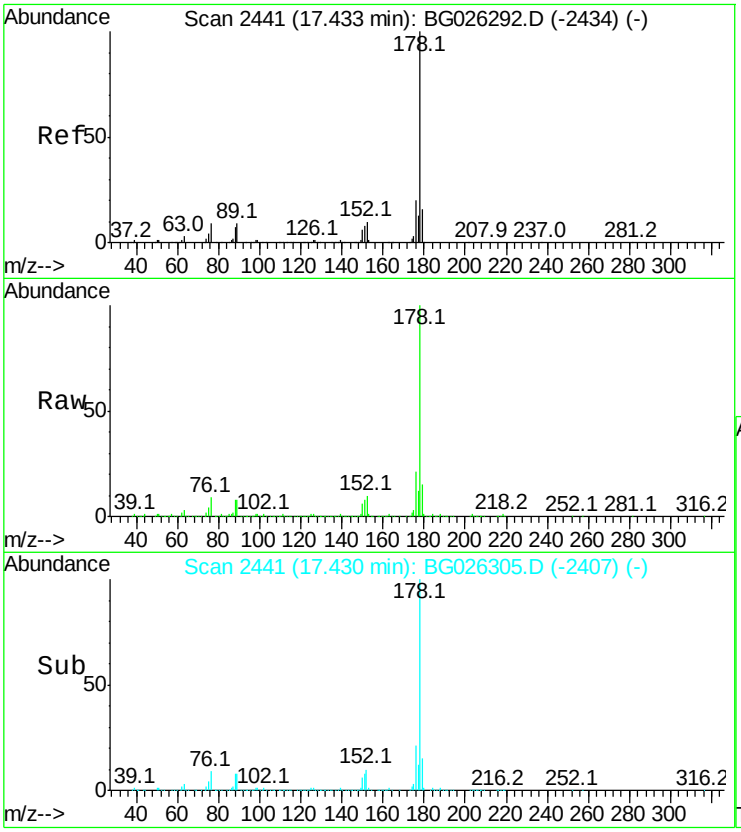


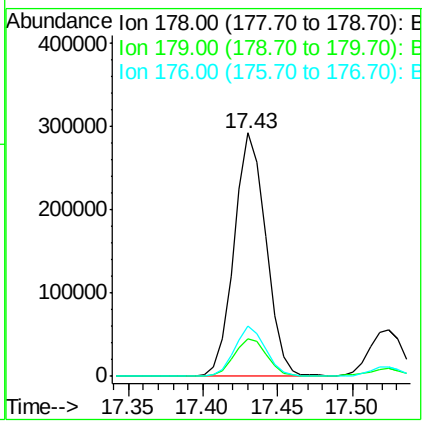


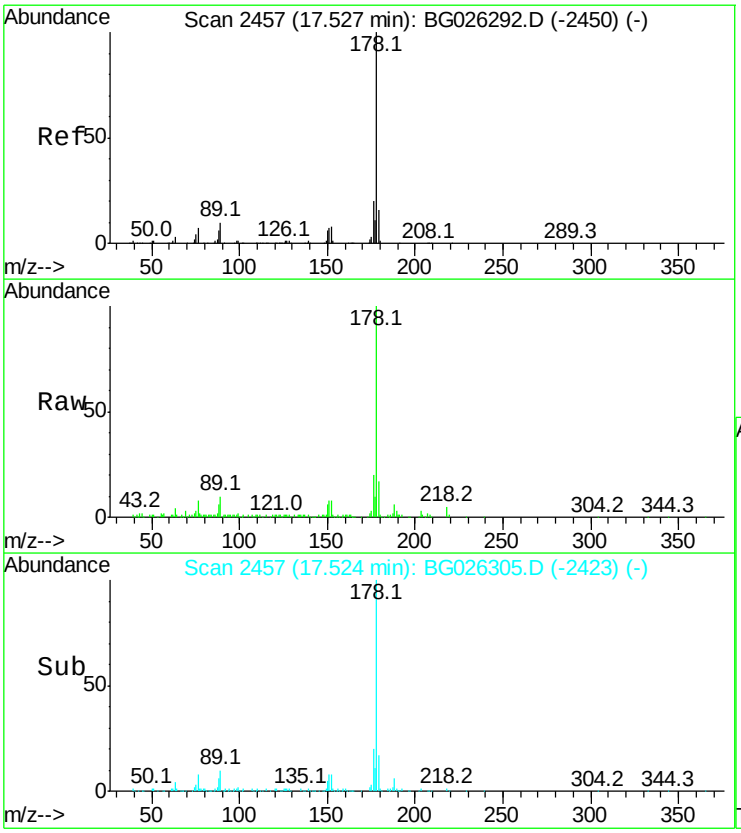
#14
Phenanthrene
Concen: 9.60 ng/ul
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG026305.D
Acq: 18 Mar 2017 6:26

Instrument :
BNA_G
ClientSampleId :
CB306

Tgt Ion:178 Resp: 430940

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.4
176	20.7	16.4	24.6

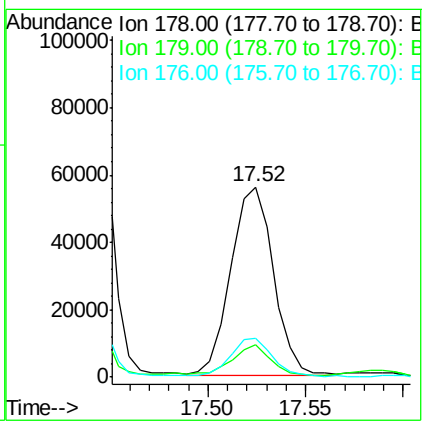


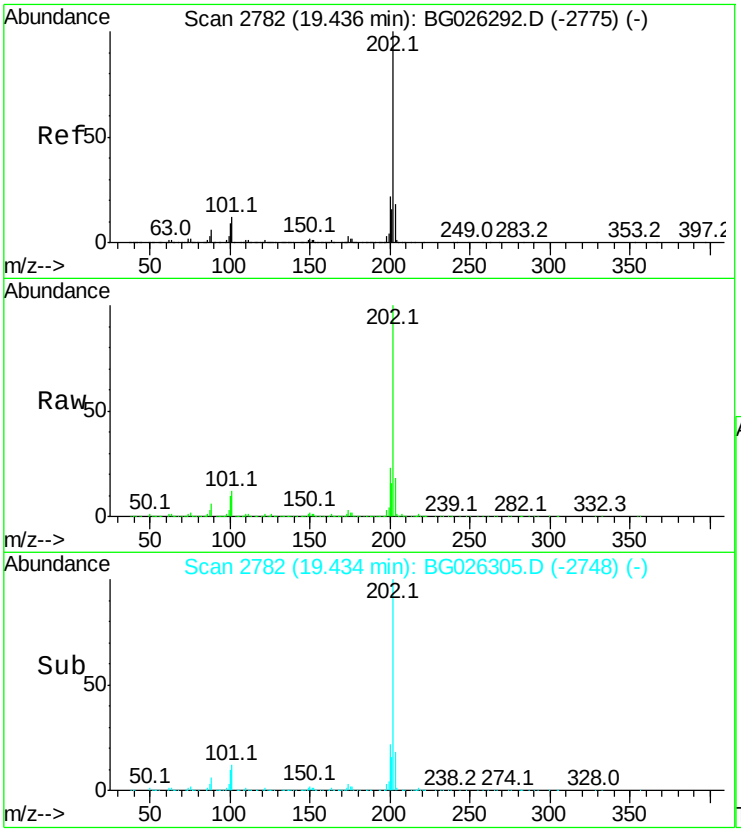


#16
Anthracene
Concen: 1.87 ng/ul
RT: 17.52 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BG026305.D
Acq: 18 Mar 2017 6:26

Tgt Ion:178 Resp: 85023

Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.7	19.1
176	20.4	15.8	23.8



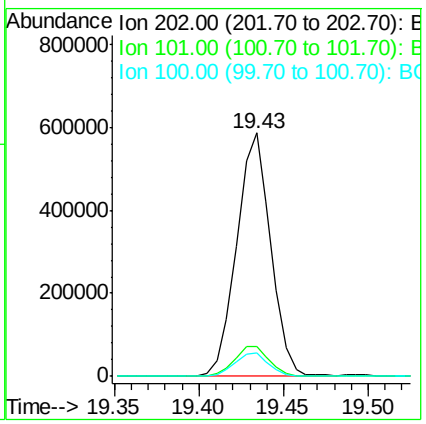


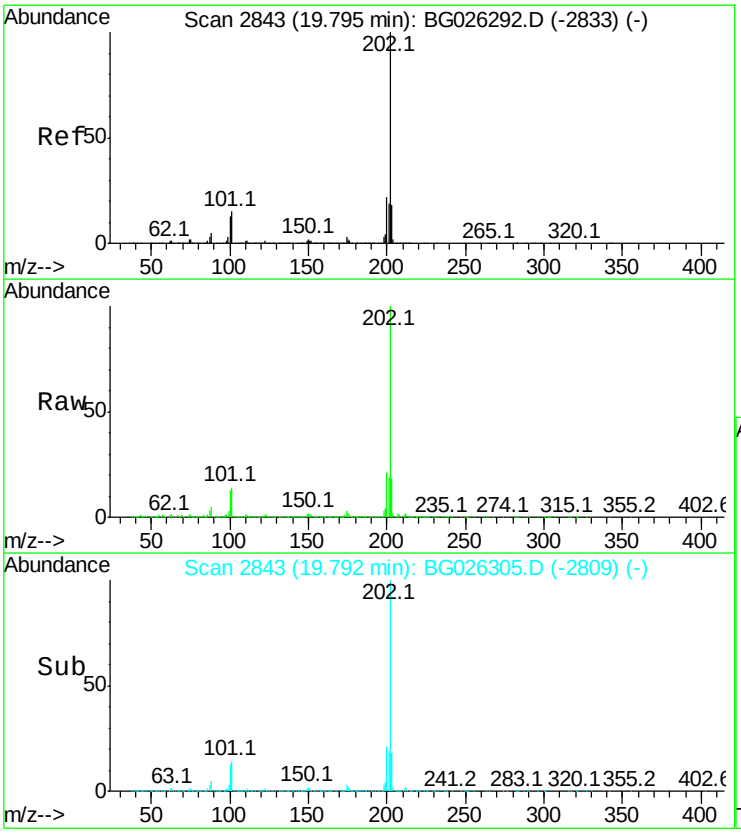
#17
Fluoranthene
Concen: 17.53 ng/ul
RT: 19.43 min Scan# 2782
Delta R.T. -0.00 min
Lab File: BG026305.D
Acq: 18 Mar 2017 6:26

Instrument :
BNA_G
ClientSampleId :
CB306

Tgt Ion:202 Resp: 816967

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.8
100	9.8	7.5	11.3

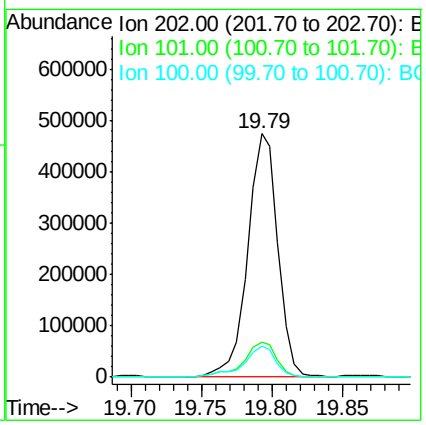


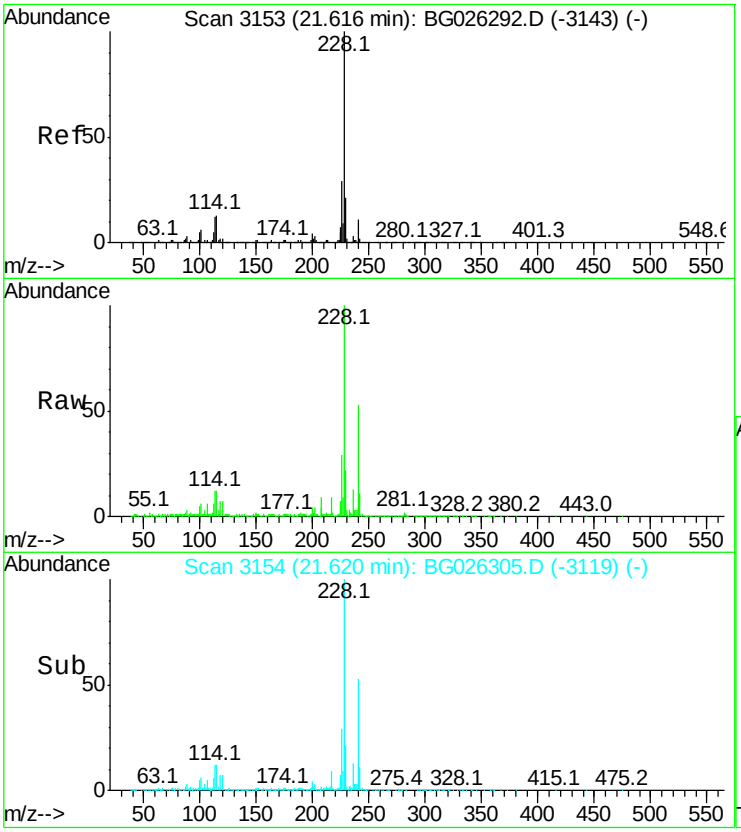


#20
Pyrene
Concen: 13.18 ng/ul
RT: 19.79 min Scan# 2843
Delta R.T. -0.00 min
Lab File: BG026305.D
Acq: 18 Mar 2017 6:26

Tgt Ion:202 Resp: 709840

Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.2	16.8
100	13.0	9.8	14.6



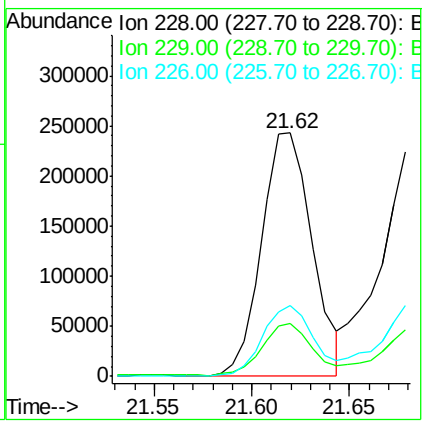


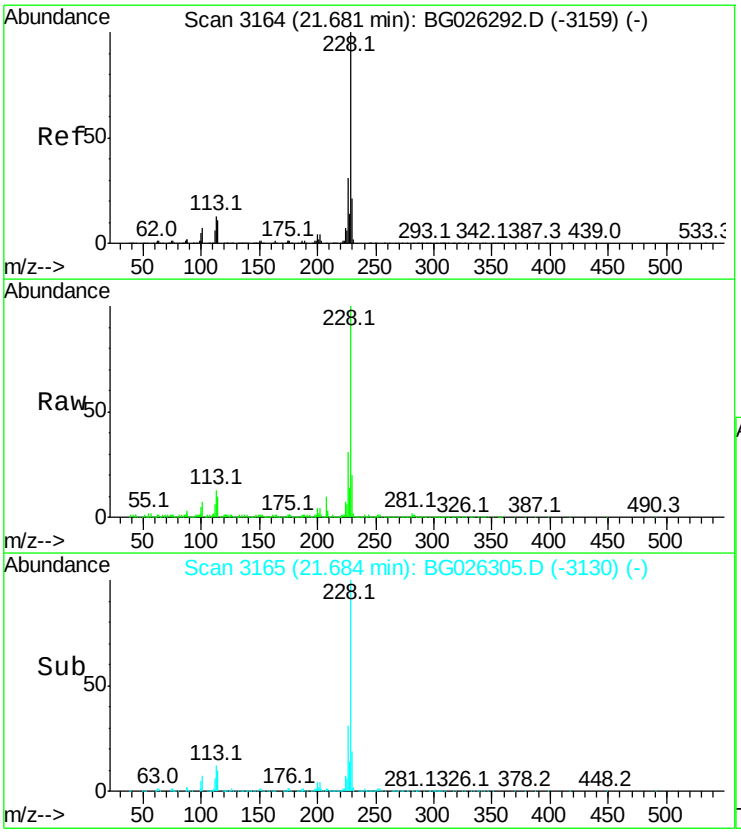
#21
Benzo(a)anthracene
Concen: 9.24 ng/ul
RT: 21.62 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BG026305.D
Acq: 18 Mar 2017 6:26

Instrument :
BNA_G
ClientSampleId :
CB306

Tgt Ion:228 Resp: 434703

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.9	23.9
226	29.0	22.1	33.1

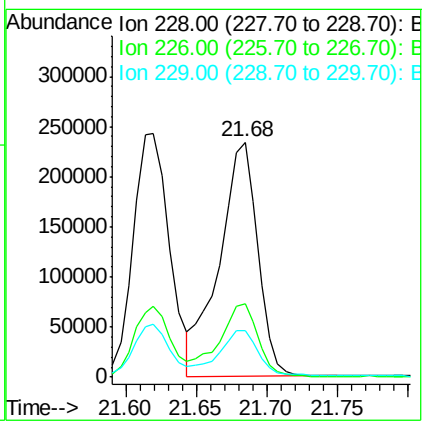


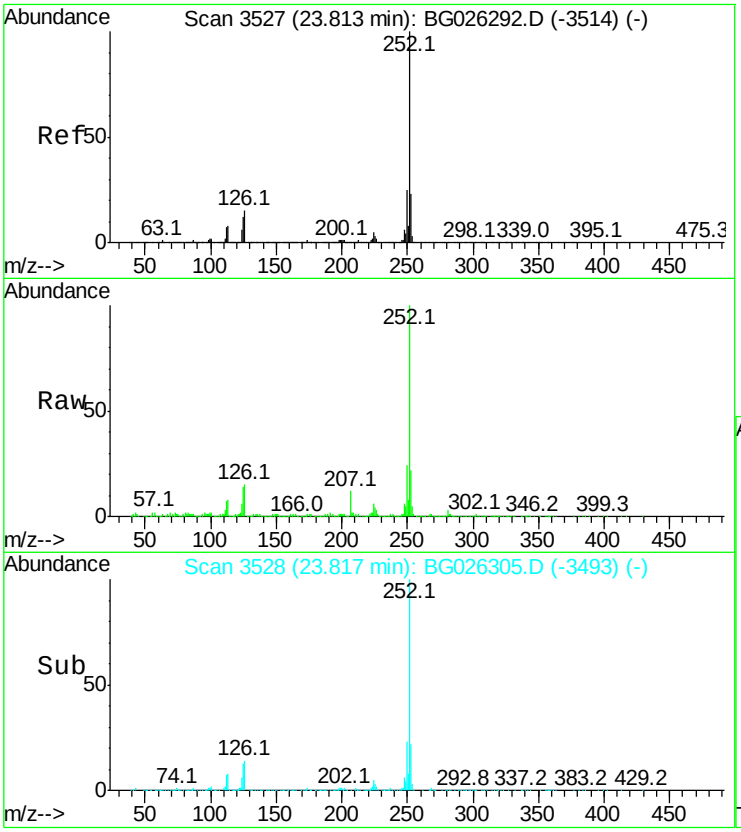


#22
Chrysene
Concen: 10.12 ng/ul
RT: 21.68 min Scan# 3165
Delta R.T. 0.00 min
Lab File: BG026305.D
Acq: 18 Mar 2017 6:26

Tgt Ion:228 Resp: 444401

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	19.8	16.6	25.0



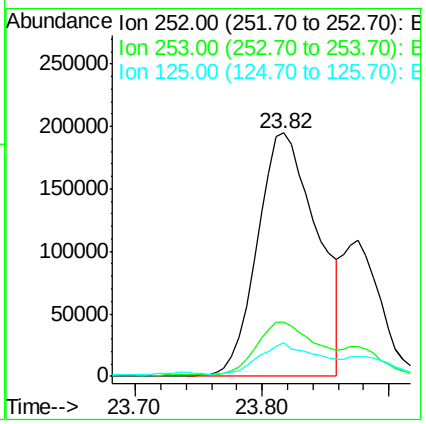


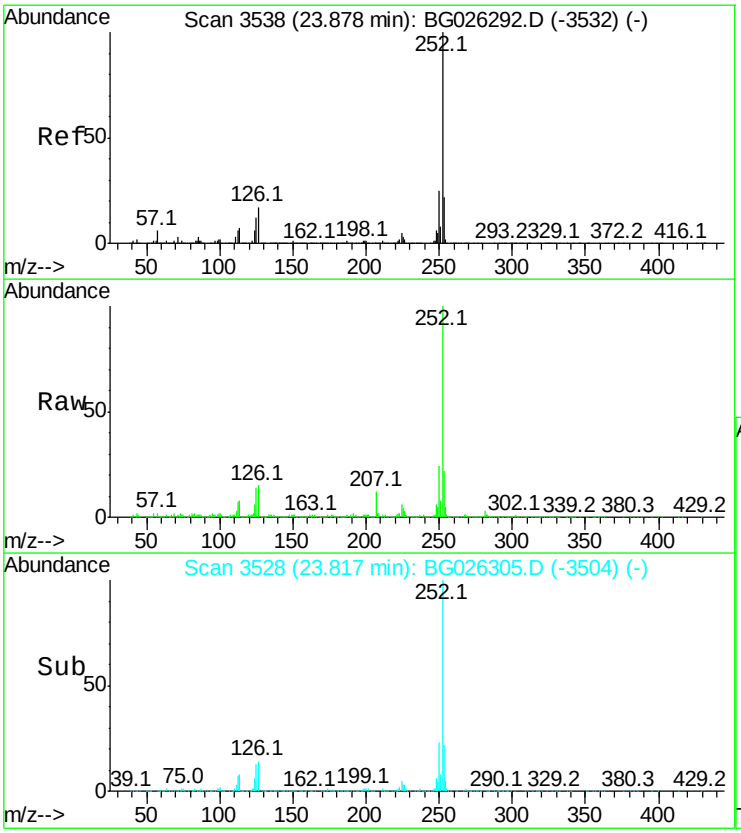
#24
Benzo(b)fluoranthene
Concen: 13.95 ng/ul
RT: 23.82 min Scan# 3528
Delta R.T. 0.00 min
Lab File: BG026305.D
Acq: 18 Mar 2017 6:26

Instrument :
BNA_G
ClientSampleId :
CB306

Tgt Ion:252 Resp: 633174

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	13.7	9.4	14.0

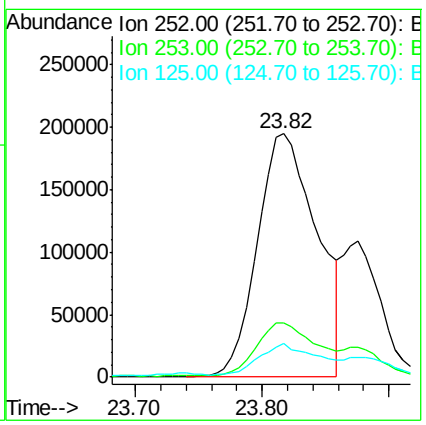


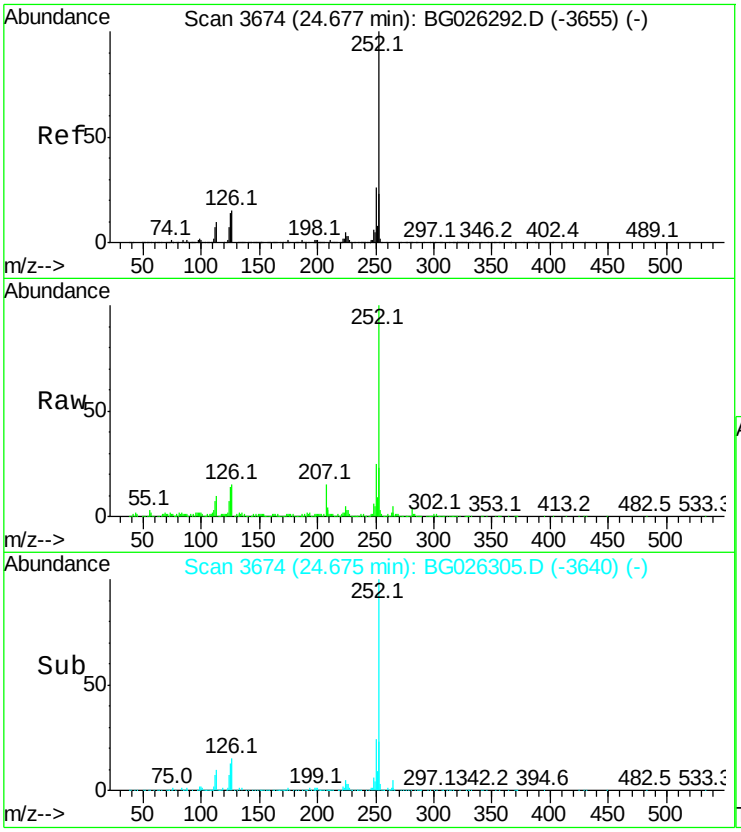


#25
Benzo(k)fluoranthene
Concen: 14.61 ng/ul
RT: 23.82 min Scan# 3528
Delta R.T. -0.06 min
Lab File: BG026305.D
Acq: 18 Mar 2017 6:26

Tgt Ion:252 Resp: 633174

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	13.7	8.8	13.2#



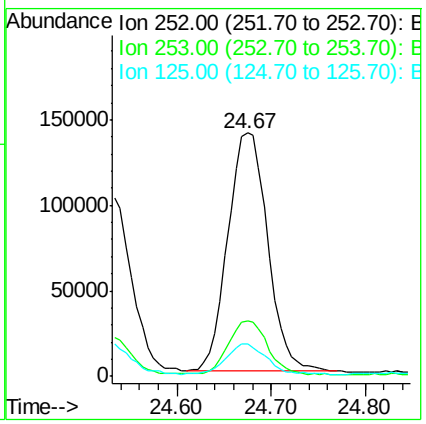


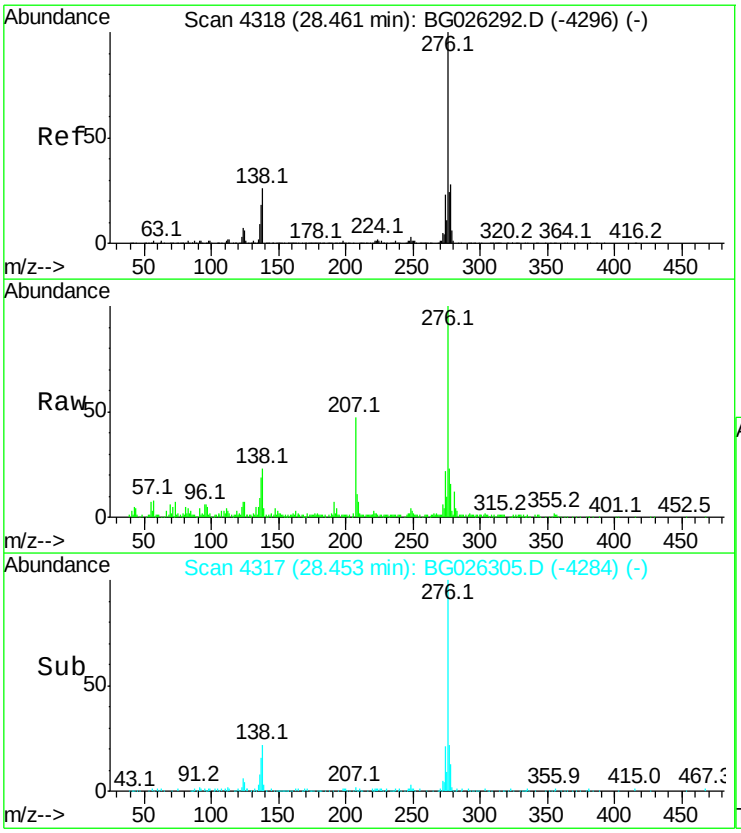
#27
Benzo(a)pyrene
Concen: 9.73 ng/ul
RT: 24.67 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG026305.D
Acq: 18 Mar 2017 6:26

Instrument :
BNA_G
ClientSampleId :
CB306

Tgt Ion:252 Resp: 410277

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	13.6	9.4	14.2

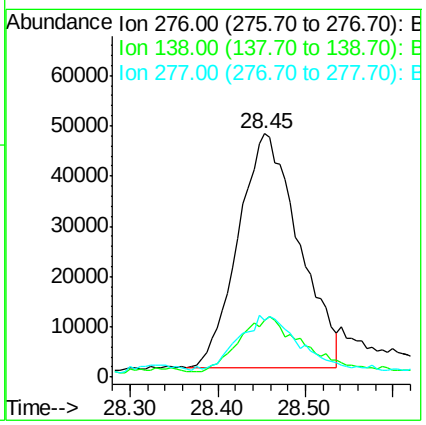


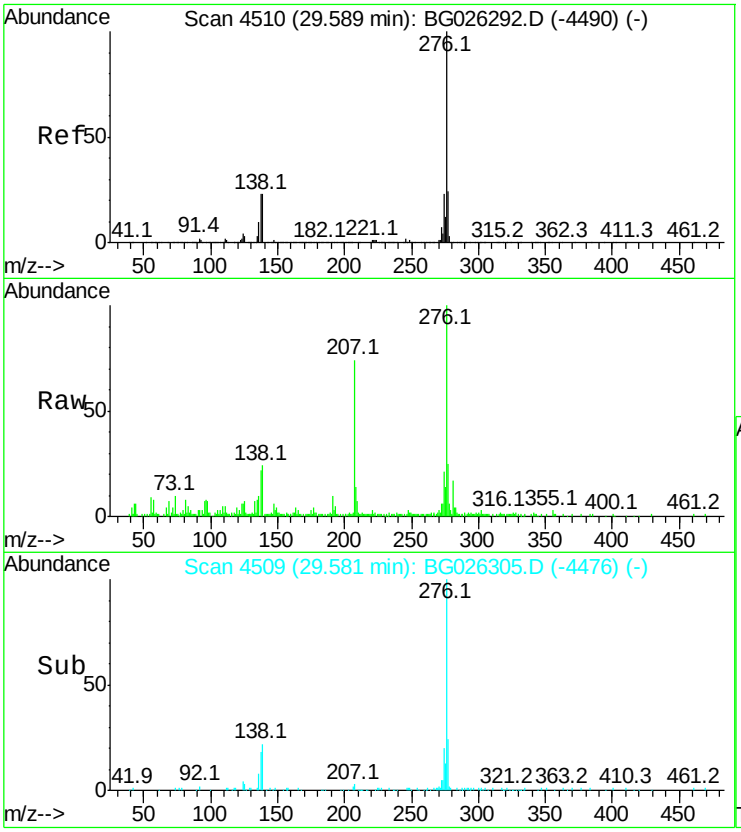


#28
Indeno(1,2,3-cd)pyrene
Concen: 4.77 ng/ul
RT: 28.45 min Scan# 4317
Delta R.T. -0.01 min
Lab File: BG026305.D
Acq: 18 Mar 2017 6:26

Tgt Ion:276 Resp: 221999

Ion	Ratio	Lower	Upper
276	100		
138	23.3	17.8	26.6
277	23.1	19.4	29.0





#30
Benzo(g,h,i)perylene
Concen: 2.25 ng/ul
RT: 29.58 min Scan# 4509
Delta R.T. -0.01 min
Lab File: BG026305.D
Acq: 18 Mar 2017 6:26

Instrument :
BNA_G
ClientSampleId :
CB306

Tgt Ion:276 Resp: 89764

Ion	Ratio	Lower	Upper
276	100		
138	23.5	19.0	28.4
277	25.4	19.7	29.5