Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031717\
Data File : BG026312.D
Acq On : 18 Mar 2017 11:01
Operator : SJ/MA
Sample : I2283-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB312

Quant Time: Mar 20 03:24:24 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 20 03:22:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	161342	20.00	ng/ul	0.00
2) Naphthalene-d8	10.85	136	728471	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	397753	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	783571	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	785509	20.00	ng/ul	0.00
23) Perylene-d12	24.82	264	750766	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	34462	3.19	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	793975	23.41	ng/ul	0.00
10) Fluorene-d10	15.64	176	571969	23.12	ng/ul	0.00
15) Anthracene-d10	17.49	188	763807	21.93	ng/ul	0.00
19) Pyrene-d10	19.77	212	774150	19.31	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	682190	21.07	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.43	178	371617	8.95	ng/ul	98
16) Anthracene	17.52	178	71197	1.70	ng/ul	98
17) Fluoranthene	19.43	202	688844	15.98	ng/ul	99
20) Pyrene	19.79	202	598110	11.96	ng/ul	99
21) Benzo(a)anthracene	21.62	228	355733	8.14	ng/ul	99
22) Chrysene	21.68	228	343331	8.42	ng/ul	99
24) Benzo(b)fluoranthene	23.81	252	480085	11.26	ng/ul	99
25) Benzo(k)fluoranthene	23.81	252	480085	11.80	ng/ul	98
27) Benzo(a)pyrene	24.67	252	273438	6.90	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.44	276	72732	1.66	ng/ul	97
30) Benzo(g,h,i)perylene	29.59	276	60162	1.61	ng/ul	97

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

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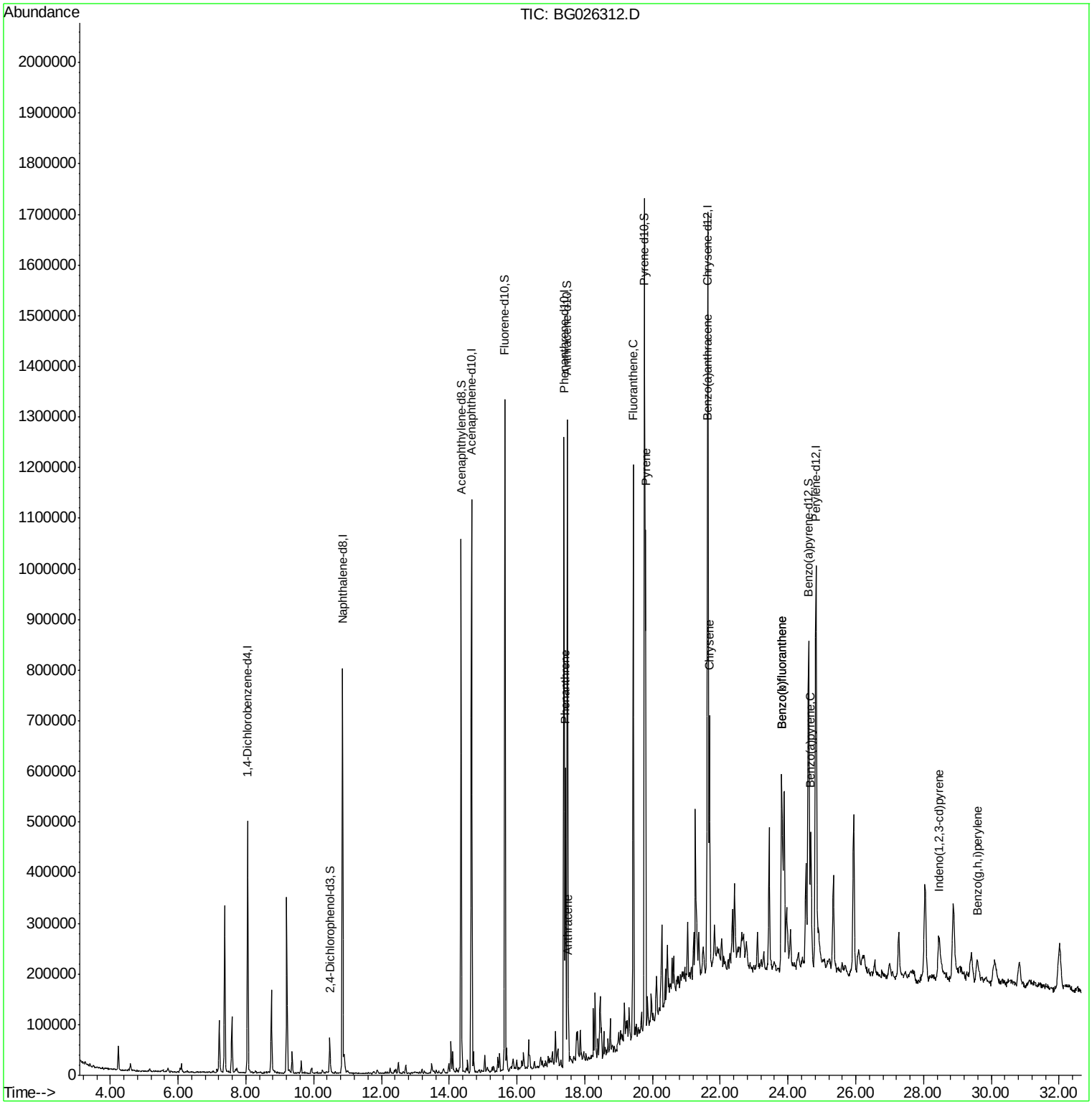
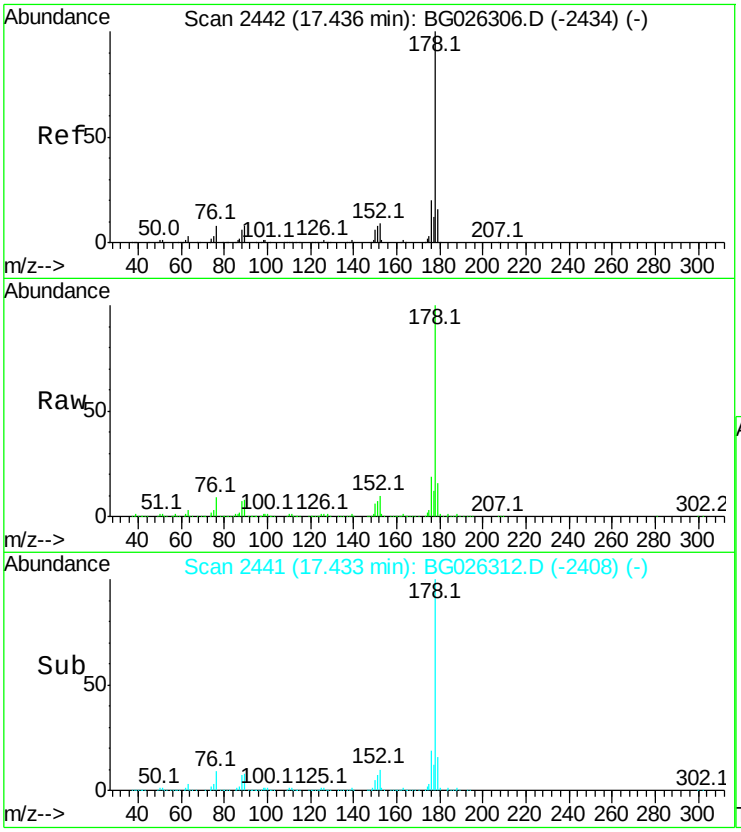


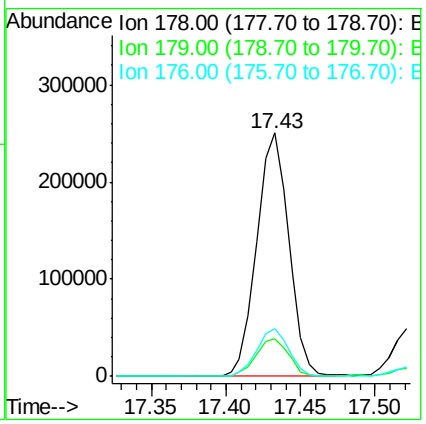


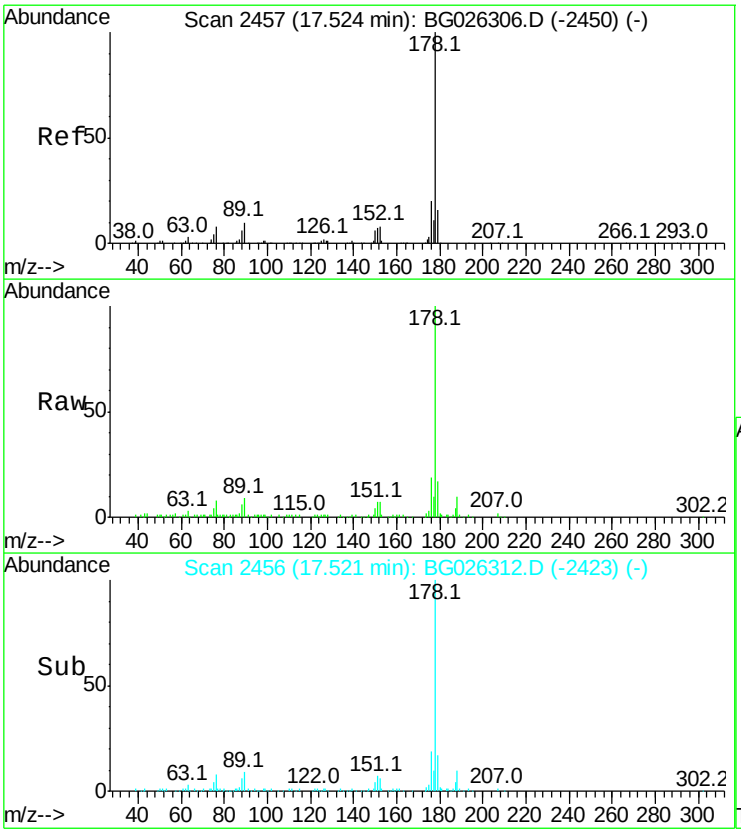
#14
Phenanthrene
Concen: 8.95 ng/ul
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG026312.D
Acq: 18 Mar 2017 11:01

Instrument :
BNA_G
ClientSampleId :
CB312

Tgt Ion:178 Resp: 371617

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.4
176	19.4	16.4	24.6

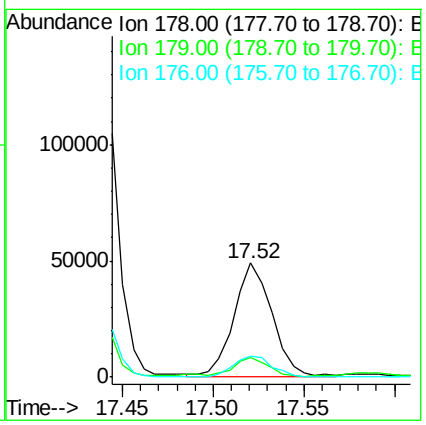


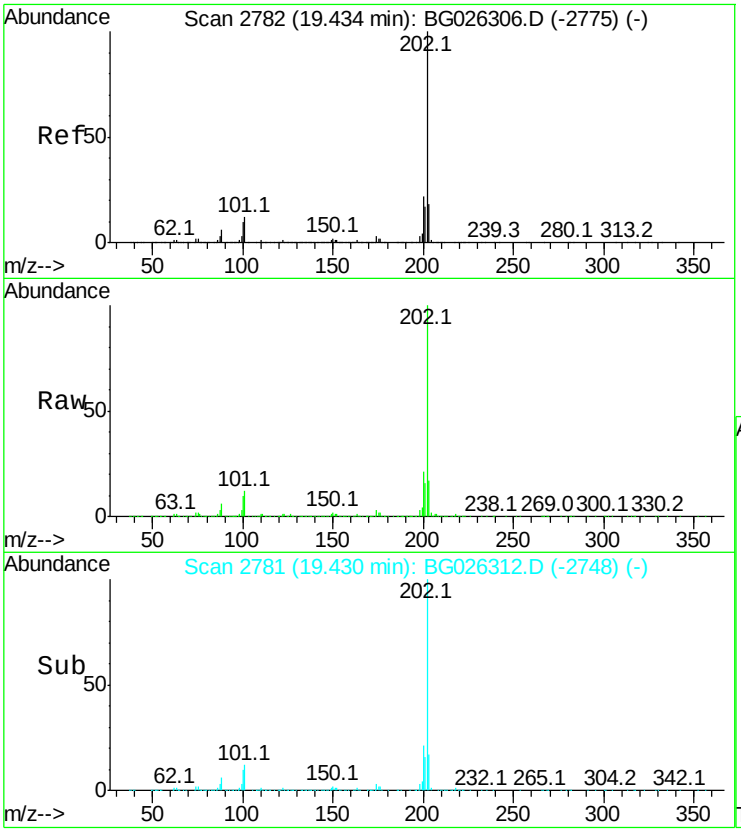


#16
Anthracene
Concen: 1.70 ng/ul
RT: 17.52 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BG026312.D
Acq: 18 Mar 2017 11:01

Tgt Ion:178 Resp: 71197

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.7	19.1
176	18.6	15.8	23.8



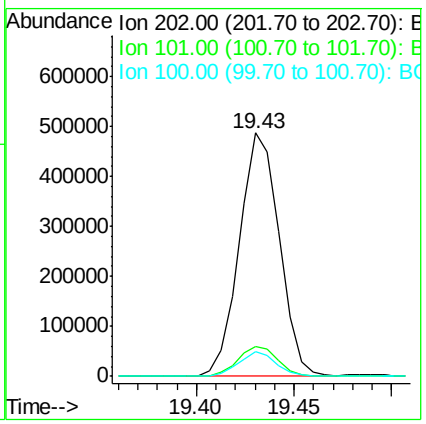


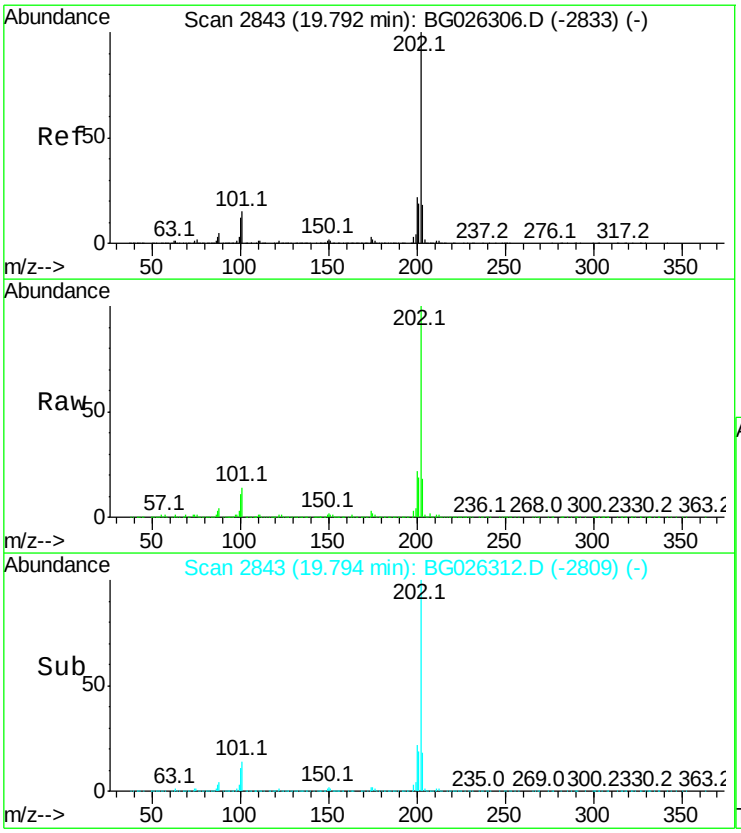
#17
Fluoranthene
Concen: 15.98 ng/ul
RT: 19.43 min Scan# 2781
Delta R.T. -0.00 min
Lab File: BG026312.D
Acq: 18 Mar 2017 11:01

Instrument :
BNA_G
ClientSampleId :
CB312

Tgt Ion:202 Resp: 688844

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.8	14.8
100	10.1	7.5	11.3

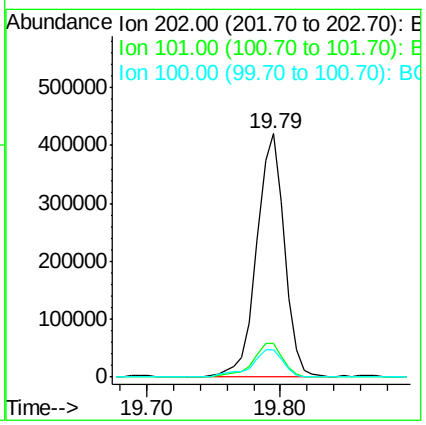


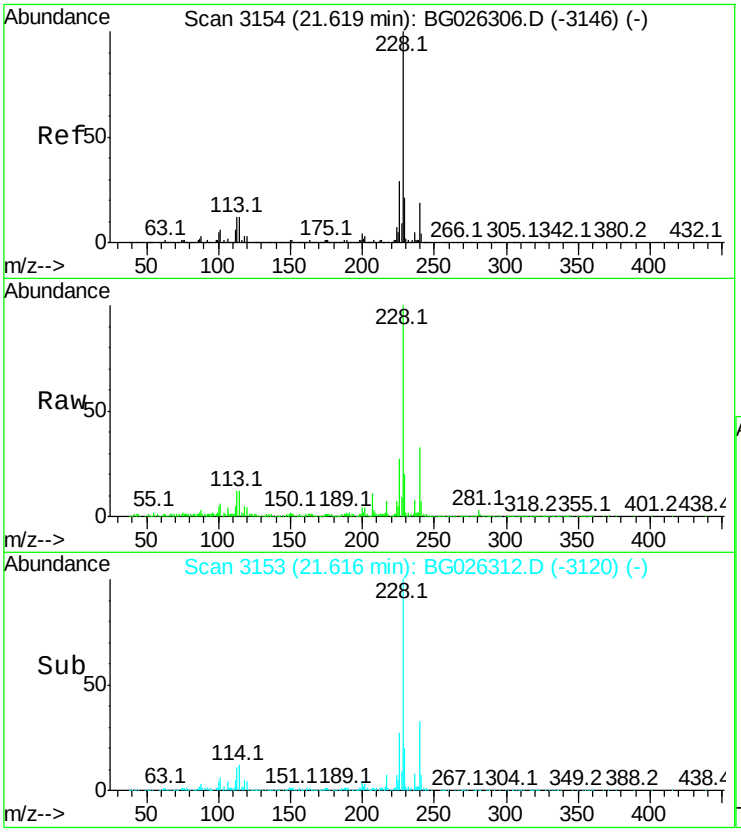


#20
Pyrene
Concen: 11.96 ng/ul
RT: 19.79 min Scan# 2843
Delta R.T. 0.00 min
Lab File: BG026312.D
Acq: 18 Mar 2017 11:01

Tgt Ion:202 Resp: 598110

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.2	16.8
100	11.4	9.8	14.6



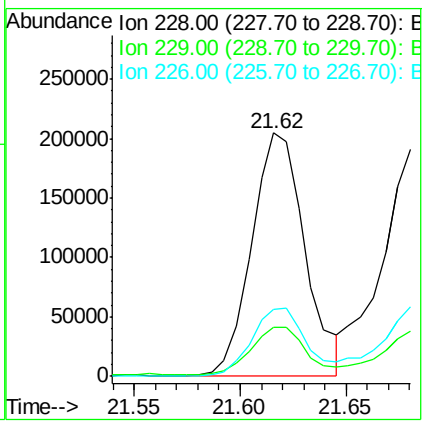


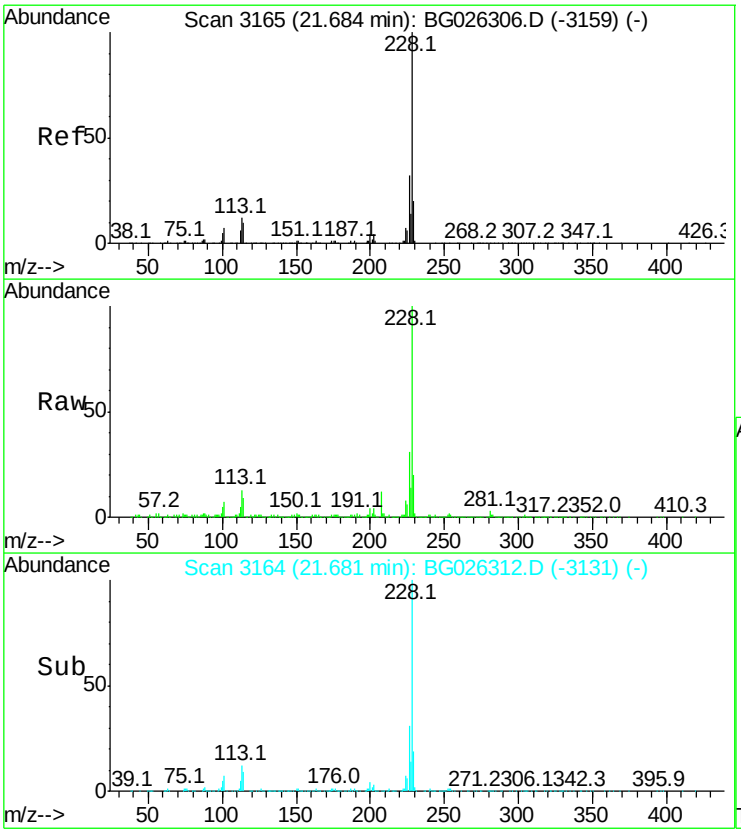
#21
Benzo(a)anthracene
Concen: 8.14 ng/ul
RT: 21.62 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG026312.D
Acq: 18 Mar 2017 11:01

Instrument :
BNA_G
ClientSampleId :
CB312

Tgt Ion:228 Resp: 355733

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.9	23.9
226	27.3	22.1	33.1

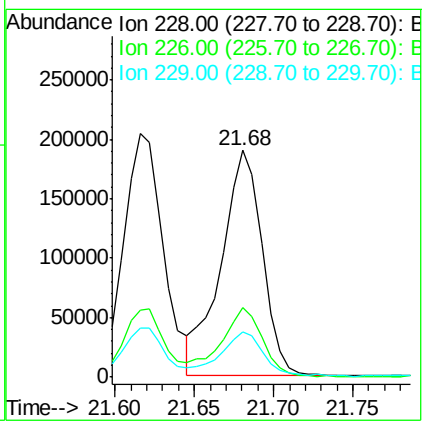


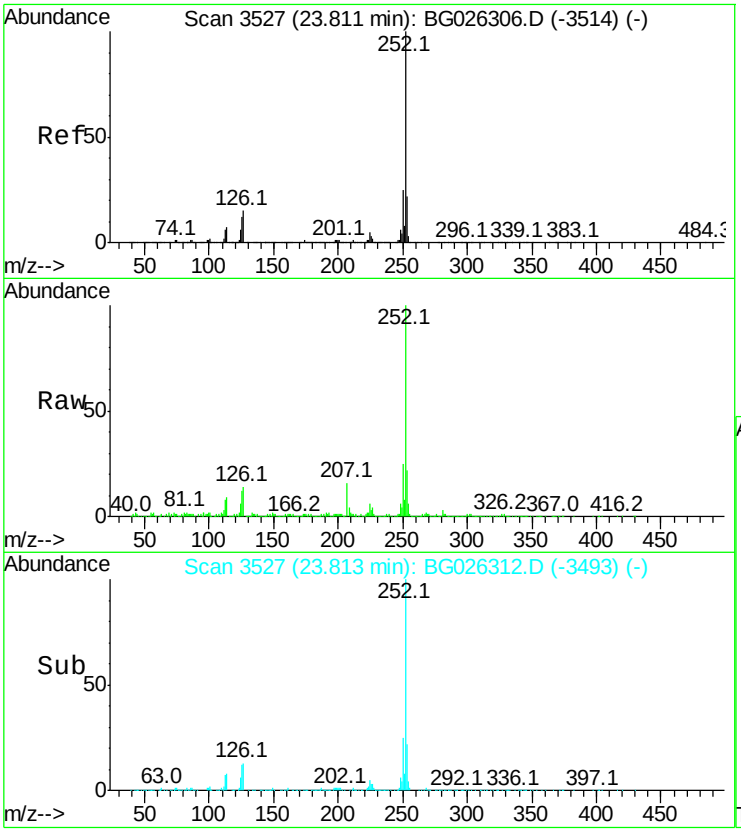


#22
Chrysene
Concen: 8.42 ng/ul
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG026312.D
Acq: 18 Mar 2017 11:01

Tgt Ion:228 Resp: 343331

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	19.8	16.6	25.0



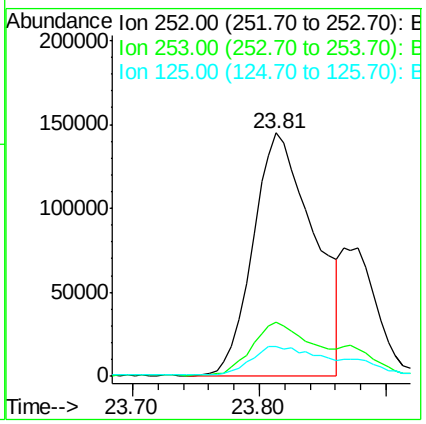


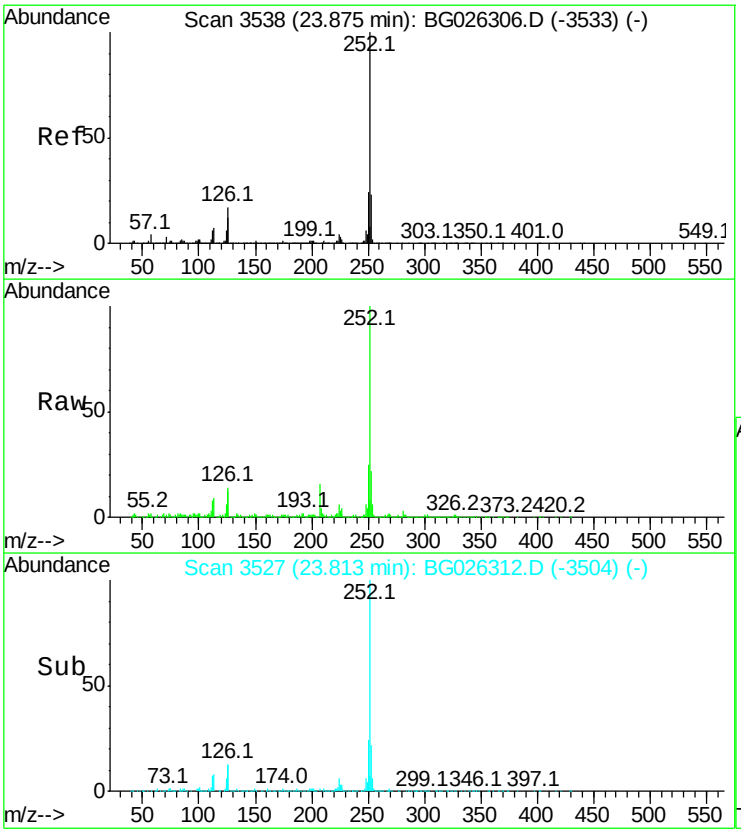
#24
Benzo(b)fluoranthene
Concen: 11.26 ng/ul
RT: 23.81 min Scan# 3527
Delta R.T. 0.00 min
Lab File: BG026312.D
Acq: 18 Mar 2017 11:01

Instrument :
BNA_G
ClientSampleId :
CB312

Tgt Ion:252 Resp: 480085

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	12.4	9.4	14.0

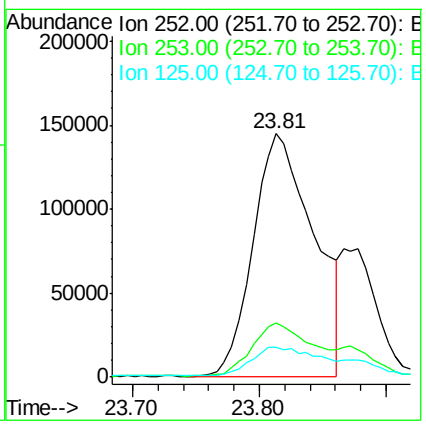


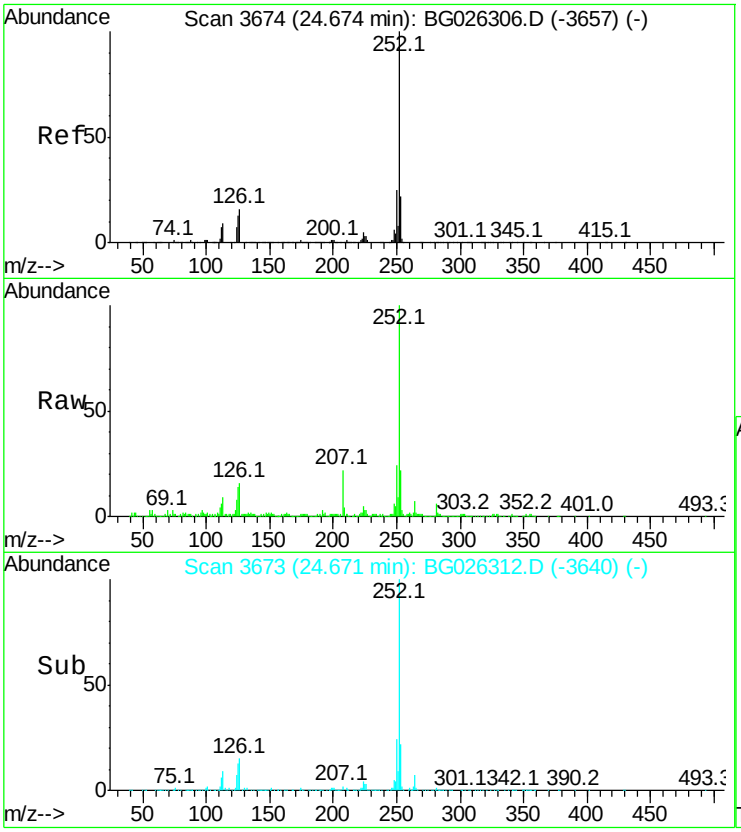


#25
Benzo(k)fluoranthene
Concen: 11.80 ng/ul
RT: 23.81 min Scan# 3527
Delta R.T. -0.06 min
Lab File: BG026312.D
Acq: 18 Mar 2017 11:01

Tgt Ion:252 Resp: 480085

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	12.4	8.8	13.2



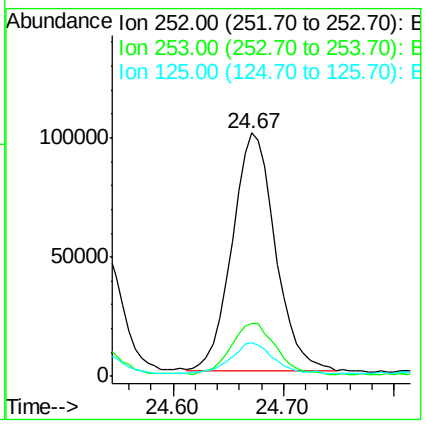


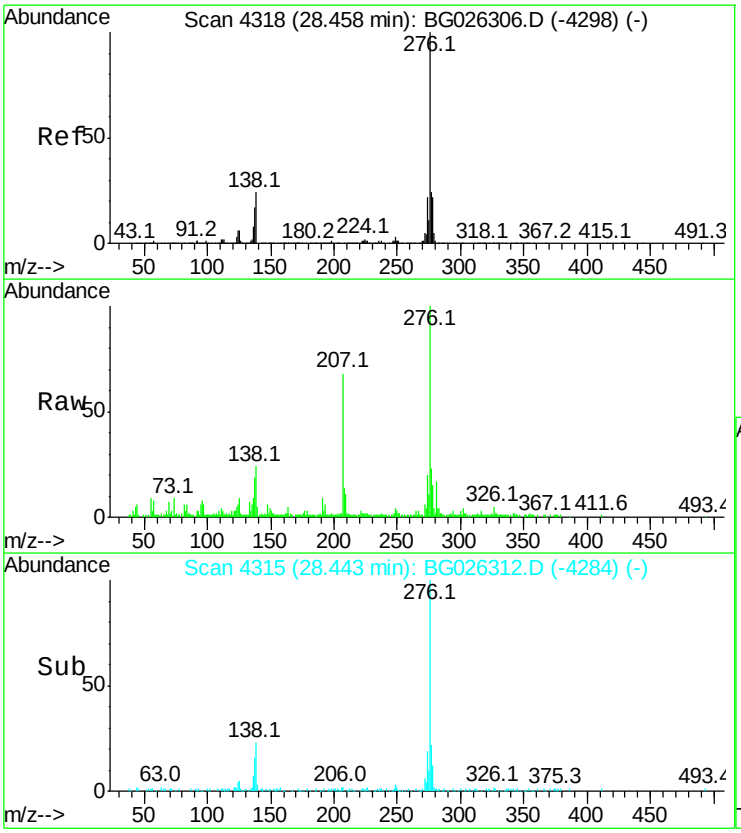
#27
Benzo(a)pyrene
Concen: 6.90 ng/ul
RT: 24.67 min Scan# 3673
Delta R.T. -0.00 min
Lab File: BG026312.D
Acq: 18 Mar 2017 11:01

Instrument :
BNA_G
ClientSampleId :
CB312

Tgt Ion:252 Resp: 273438

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	14.0	9.4	14.2

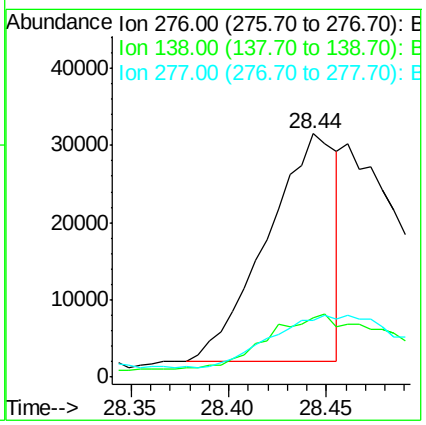


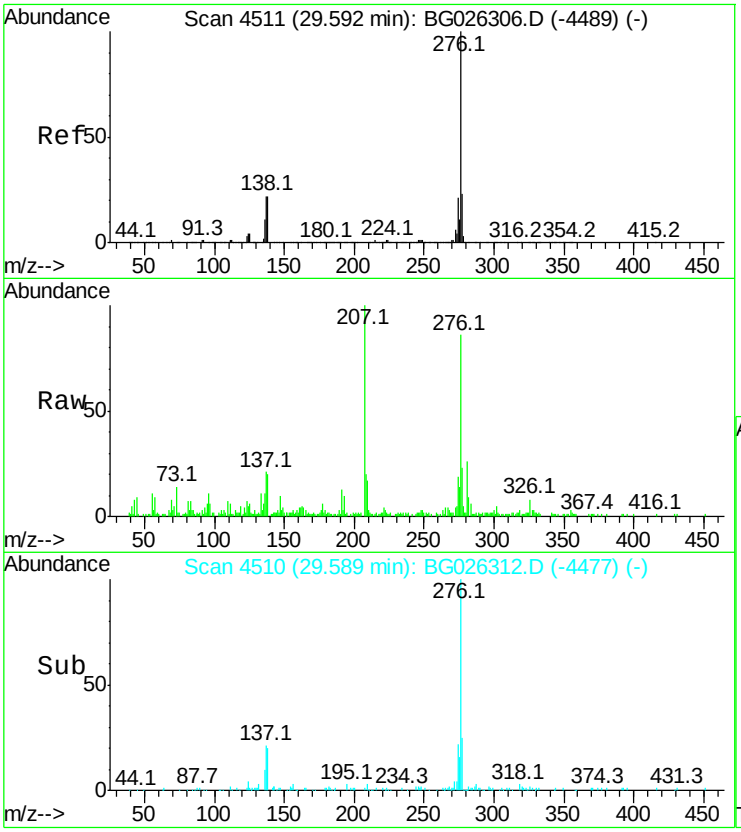


#28
Indeno(1,2,3-cd)pyrene
Concen: 1.66 ng/ul
RT: 28.44 min Scan# 4315
Delta R.T. -0.02 min
Lab File: BG026312.D
Acq: 18 Mar 2017 11:01

Tgt Ion:276 Resp: 72732

Ion	Ratio	Lower	Upper
276	100		
138	24.1	17.8	26.6
277	23.4	19.4	29.0





#30
Benzo(g,h,i)perylene
Concen: 1.61 ng/ul
RT: 29.59 min Scan# 4510
Delta R.T. -0.00 min
Lab File: BG026312.D
Acq: 18 Mar 2017 11:01

Instrument :
BNA_G
ClientSampleId :
CB312

Tgt Ion:276 Resp: 60162

Ion	Ratio	Lower	Upper
276	100		
138	22.9	19.0	28.4
277	27.1	19.7	29.5