Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG031717\
Data File : BG026285.D
Acq On : 17 Mar 2017 16:40
Operator : SJ/MA
Sample : I2218-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB2Y4

Quant Time: Mar 17 17:47:46 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 17 14:43:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	127584	20.00	ng/ul	0.00
2) Naphthalene-d8	10.85	136	607129	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	329645	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	650374	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	635135	20.00	ng/ul	0.00
23) Perylene-d12	24.82	264	575425	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	53074	5.90	ng/uL	0.00
7) Acenaphthylene-d8	14.36	160	408791	14.54	ng/ul	0.00
10) Fluorene-d10	15.64	176	279596	13.64	ng/ul	0.00
15) Anthracene-d10	17.49	188	378017	13.08	ng/ul	0.00
19) Pyrene-d10	19.77	212	402537	12.42	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	342827	13.81	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.43	178	290518	8.43	ng/ul	99
16) Anthracene	17.52	178	47419	1.36	ng/ul	99
17) Fluoranthene	19.43	202	414871	11.59	ng/ul	98
20) Pyrene	19.80	202	363959	9.00	ng/ul	100
21) Benzo(a)anthracene	21.62	228	188895	5.34	ng/ul	99
22) Chrysene	21.68	228	184516	5.59	ng/ul	99
24) Benzo(b)fluoranthene	23.82	252	234410	7.18	ng/ul	97
25) Benzo(k)fluoranthene	23.82	252	234410	7.51	ng/ul	97
27) Benzo(a)pyrene	24.67	252	124450	4.10	ng/ul	94
28) Indeno(1,2,3-cd)pyrene	28.46	276	67078	2.00	ng/ul	93
30) Benzo(g,h,i)perylene	29.59	276	30335	1.06	ng/ul	95

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

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Sample : I2218-05
Misc :
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Instrument : BNA_G
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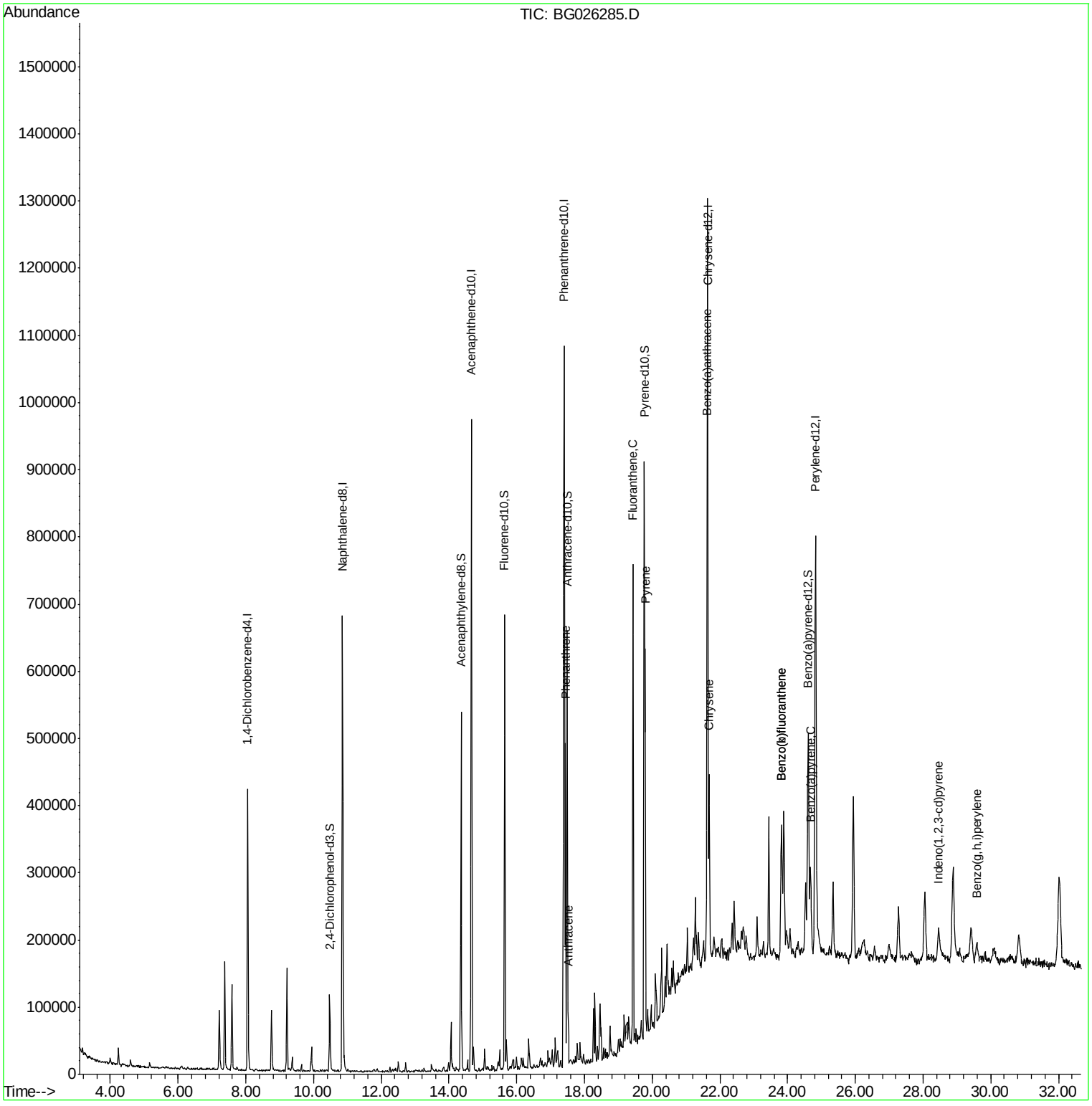
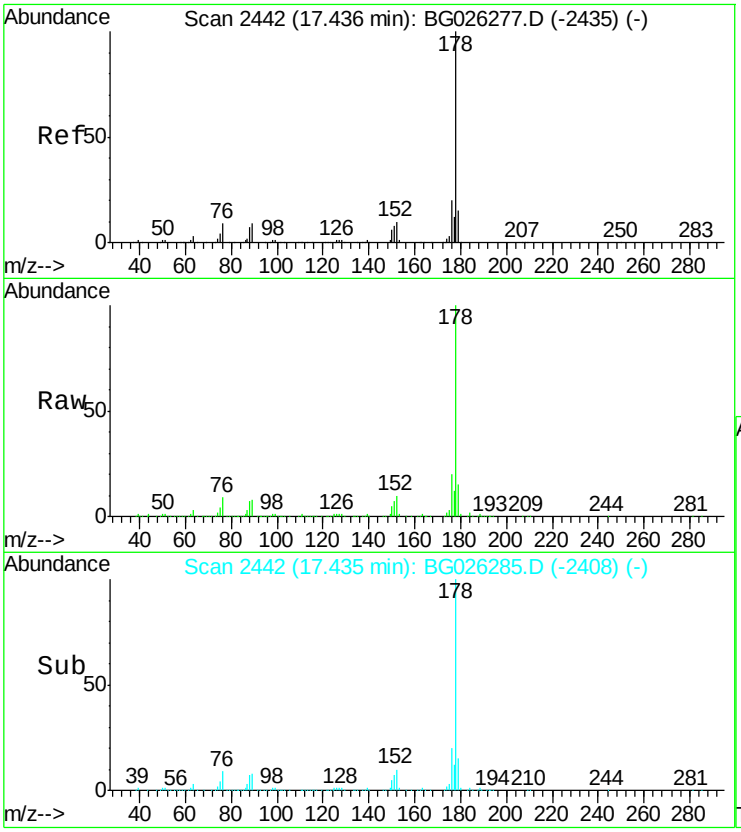


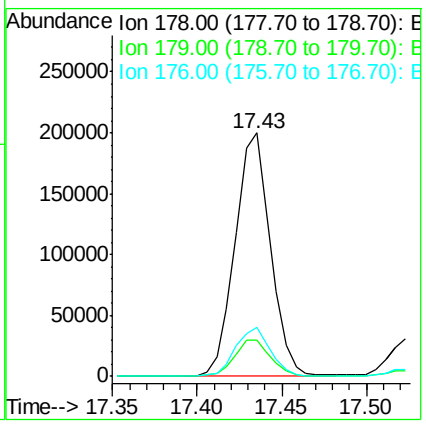


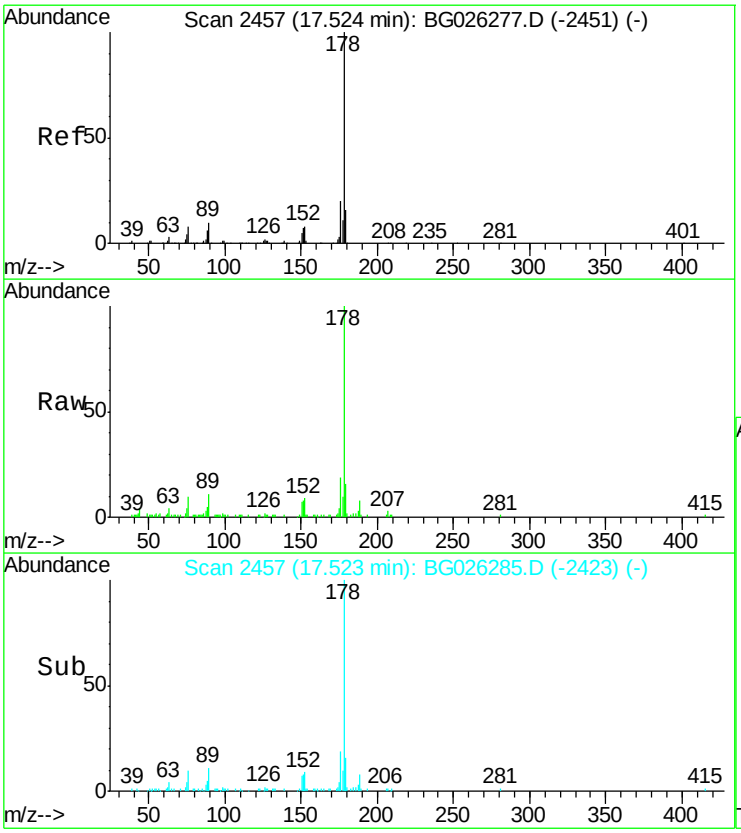
#14
Phenanthrene
Concen: 8.43 ng/ul
RT: 17.43 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG026285.D
Acq: 17 Mar 2017 16:40

Instrument :
BNA_G
ClientSampleId :
CB2Y4

Tgt Ion:178 Resp: 290518

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.2	18.4
176	20.2	16.4	24.6

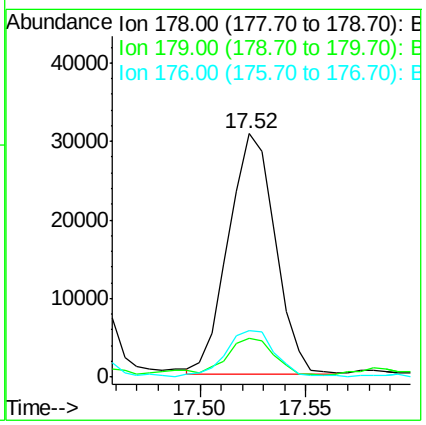


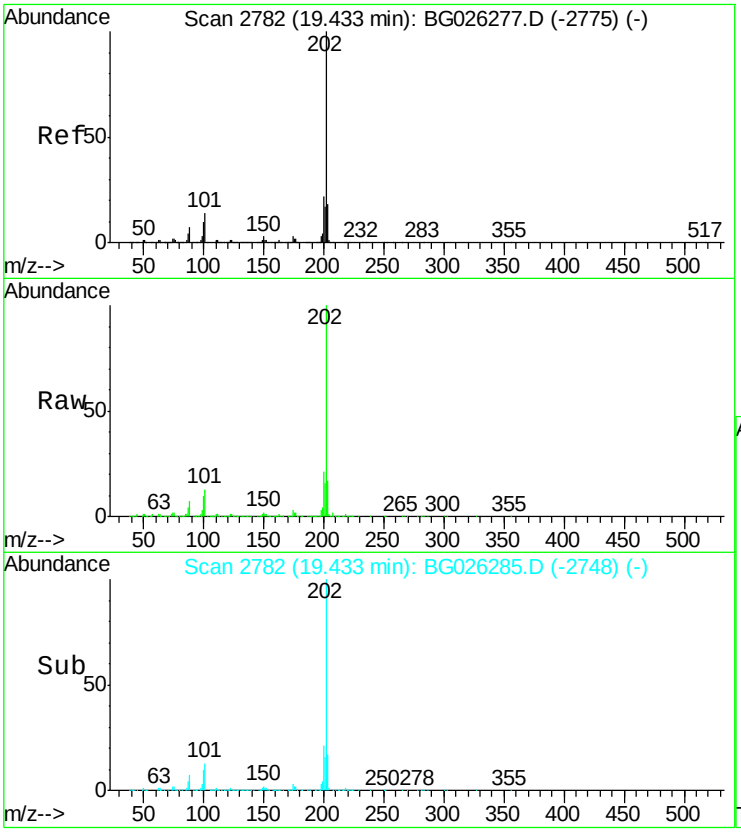


#16
Anthracene
Concen: 1.36 ng/ul
RT: 17.52 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BG026285.D
Acq: 17 Mar 2017 16:40

Tgt Ion:178 Resp: 47419

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.7	19.1
176	19.2	15.8	23.8



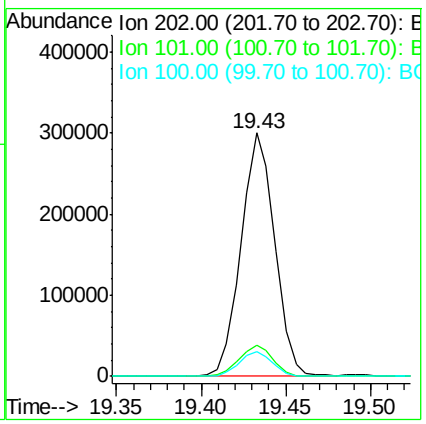


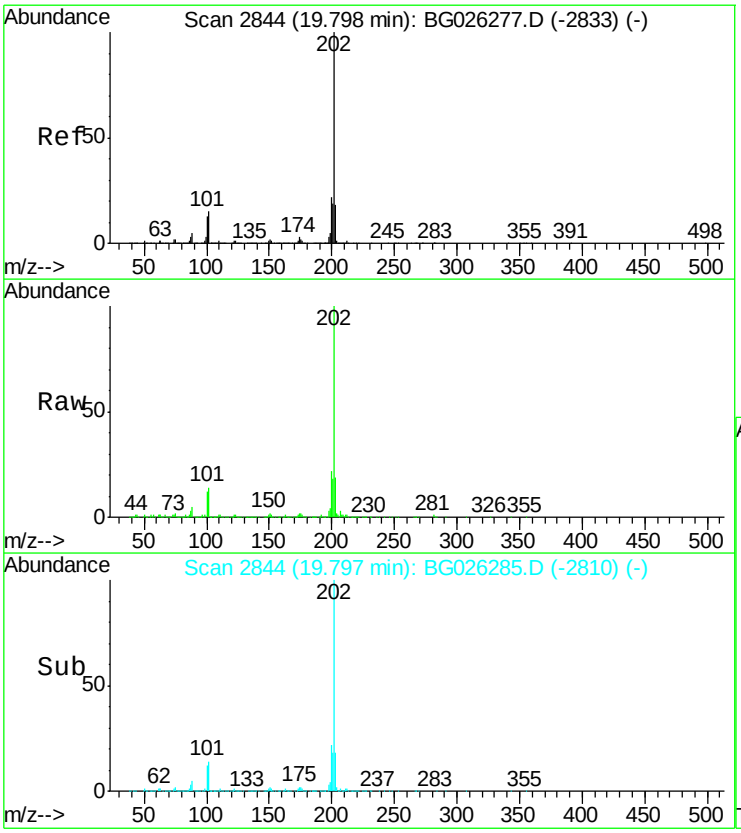
#17
Fluoranthene
Concen: 11.59 ng/ul
RT: 19.43 min Scan# 2782
Delta R.T. -0.00 min
Lab File: BG026285.D
Acq: 17 Mar 2017 16:40

Instrument :
BNA_G
ClientSampleId :
CB2Y4

Tgt Ion:202 Resp: 414871

Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.8	14.8
100	10.1	7.5	11.3

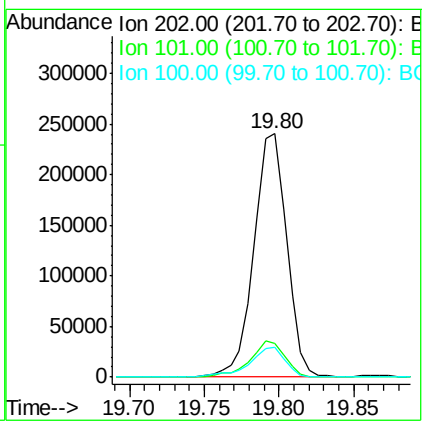


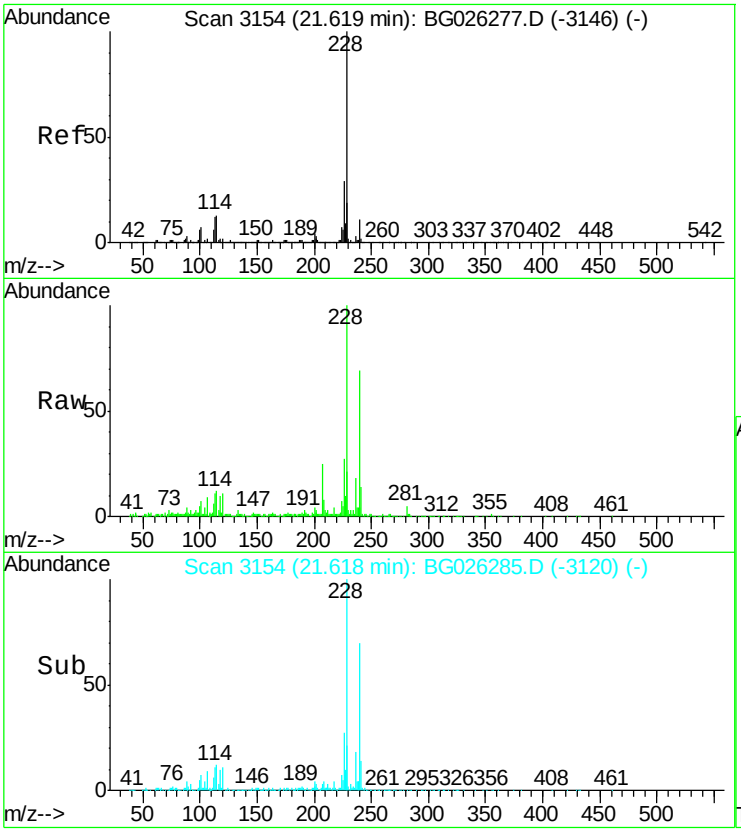


#20
Pyrene
Concen: 9.00 ng/ul
RT: 19.80 min Scan# 2844
Delta R.T. -0.00 min
Lab File: BG026285.D
Acq: 17 Mar 2017 16:40

Tgt Ion:202 Resp: 363959

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.2	16.8
100	12.3	9.8	14.6



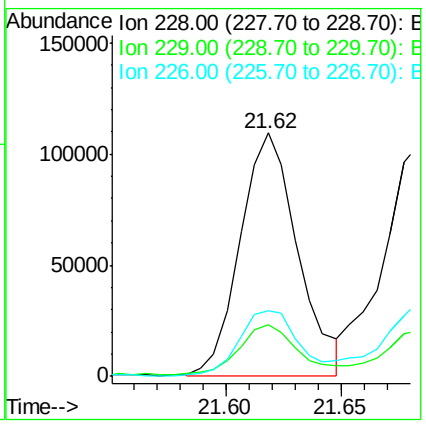


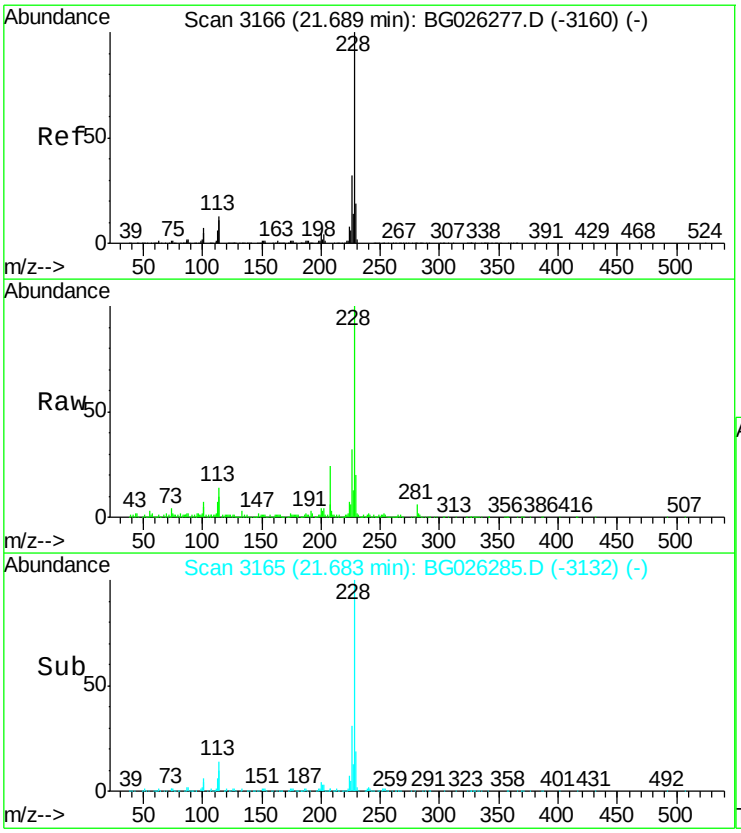
#21
Benzo(a)anthracene
Concen: 5.34 ng/ul
RT: 21.62 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG026285.D
Acq: 17 Mar 2017 16:40

Instrument :
BNA_G
ClientSampleId :
CB2Y4

Tgt Ion:228 Resp: 188895

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.9	23.9
226	27.2	22.1	33.1

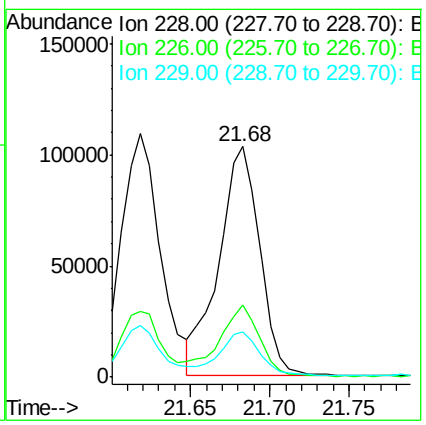


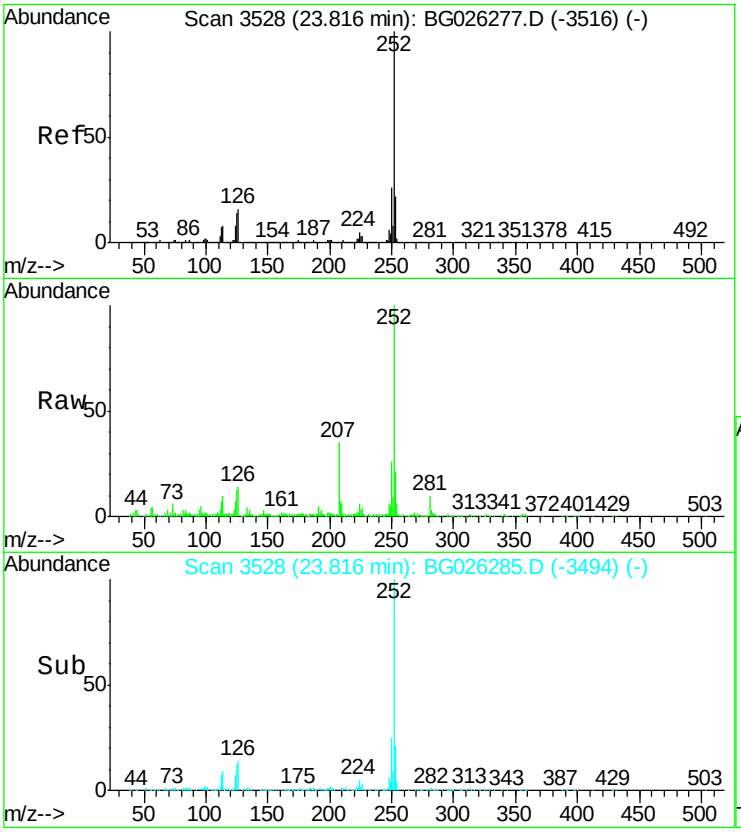


#22
Chrysene
Concen: 5.59 ng/ul
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG026285.D
Acq: 17 Mar 2017 16:40

Tgt Ion:228 Resp: 184516

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	19.5	16.6	25.0



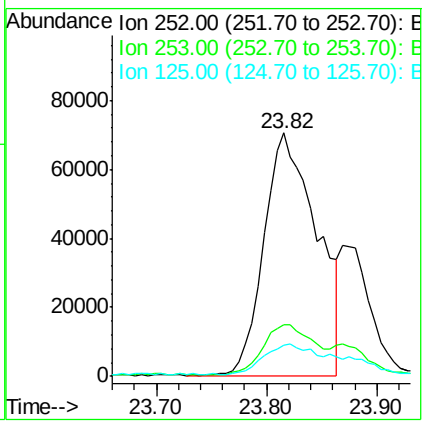


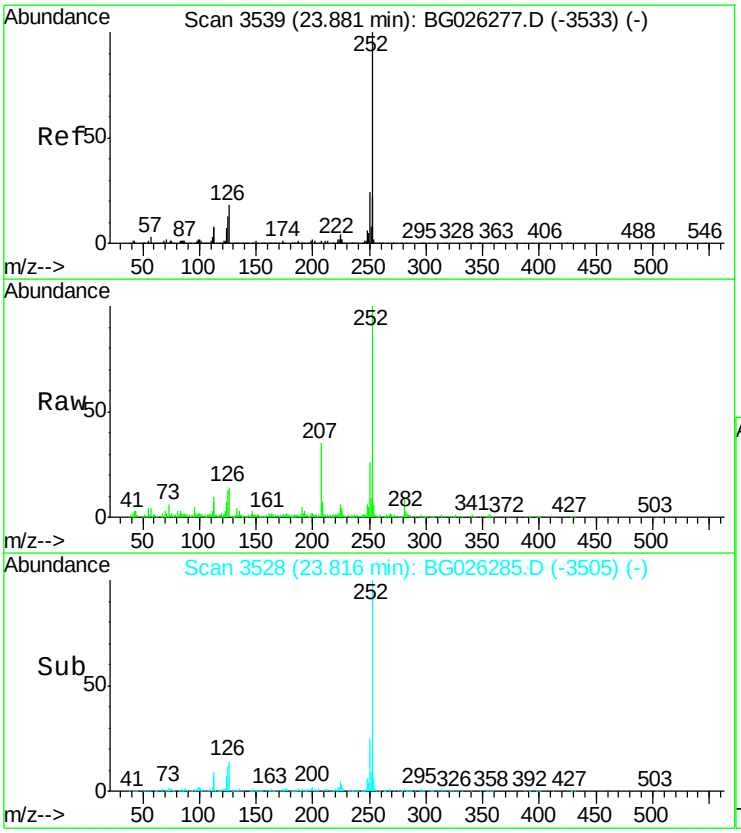
#24
Benzo(b)fluoranthene
Concen: 7.18 ng/ul
RT: 23.82 min Scan# 3528
Delta R.T. -0.00 min
Lab File: BG026285.D
Acq: 17 Mar 2017 16:40

Instrument :
BNA_G
ClientSampleId :
CB2Y4

Tgt Ion:252 Resp: 234410

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.8	26.6
125	12.7	9.4	14.0

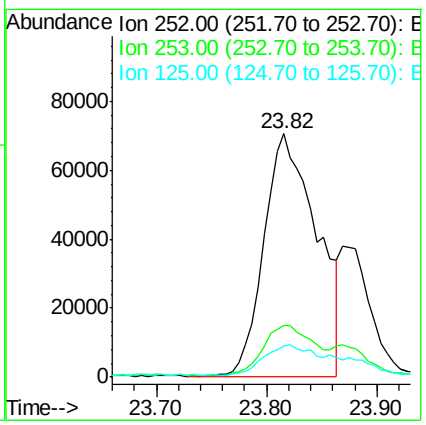


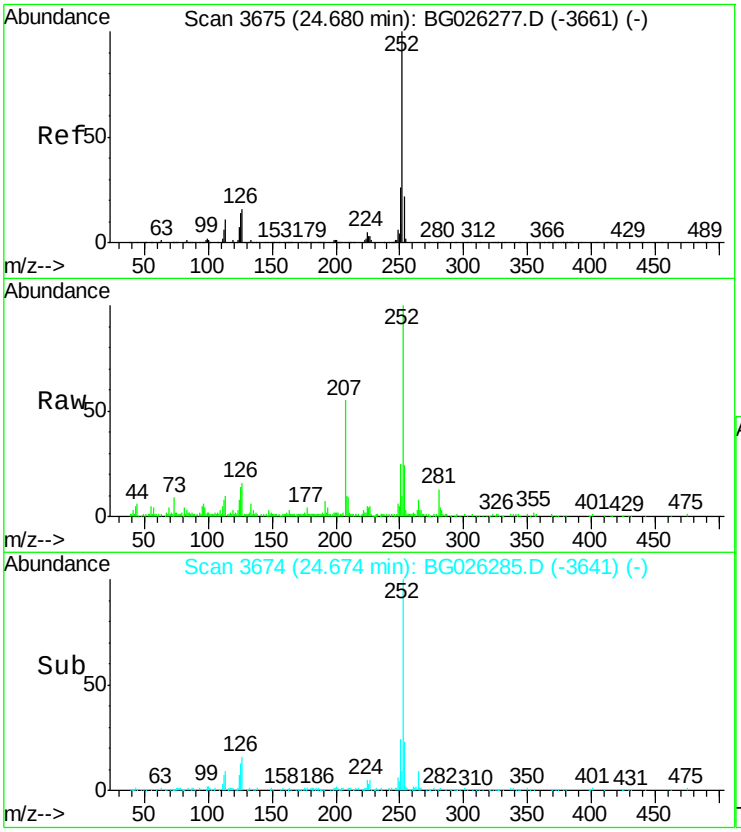


#25
Benzo(k)fluoranthene
Concen: 7.51 ng/ul
RT: 23.82 min Scan# 3528
Delta R.T. -0.07 min
Lab File: BG026285.D
Acq: 17 Mar 2017 16:40

Tgt Ion:252 Resp: 234410

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.4	26.2
125	12.7	8.8	13.2



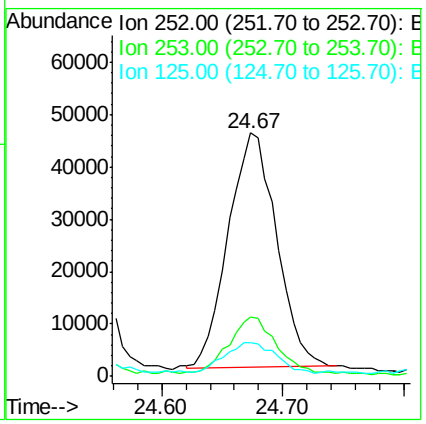


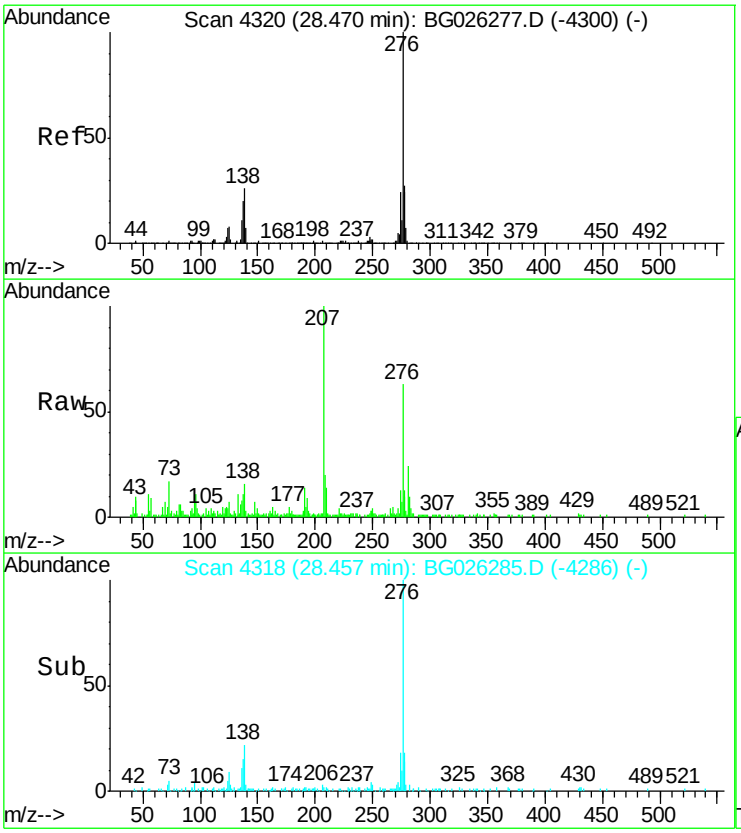
#27
Benzo(a)pyrene
Concen: 4.10 ng/ul
RT: 24.67 min Scan# 3674
Delta R.T. -0.01 min
Lab File: BG026285.D
Acq: 17 Mar 2017 16:40

Instrument :
BNA_G
ClientSampleId :
CB2Y4

Tgt Ion:252 Resp: 124450

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	13.7	9.4	14.2

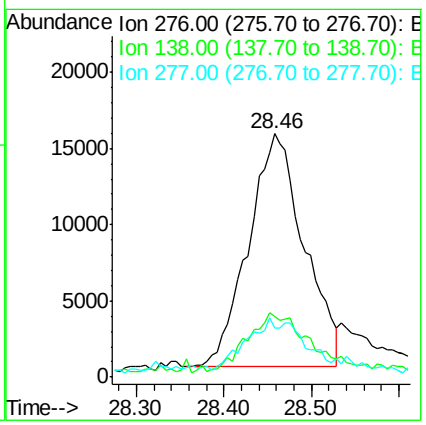


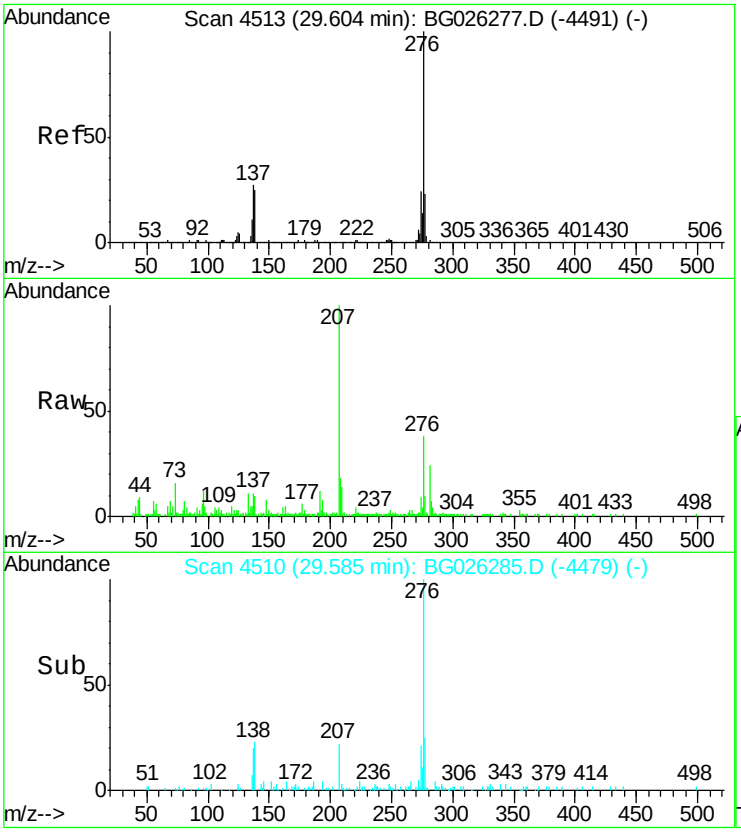


#28
Indeno(1,2,3-cd)pyrene
Concen: 2.00 ng/ul
RT: 28.46 min Scan# 4318
Delta R.T. -0.01 min
Lab File: BG026285.D
Acq: 17 Mar 2017 16:40

Tgt Ion:276 Resp: 67078

Ion	Ratio	Lower	Upper
276	100		
138	24.8	17.8	26.6
277	20.0	19.4	29.0





#30
Benzo(g,h,i)perylene
Concen: 1.06 ng/ul
RT: 29.59 min Scan# 4510
Delta R.T. -0.02 min
Lab File: BG026285.D
Acq: 17 Mar 2017 16:40

Instrument :
BNA_G
ClientSampleId :
CB2Y4

Tgt Ion:276 Resp: 30335

Ion	Ratio	Lower	Upper
276	100		
138	26.7	19.0	28.4
277	26.4	19.7	29.5