Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
Data File : BG026252.D
Acq On : 16 Mar 2017 2:53
Operator : SJ/MA
Sample : I2236-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DABG5

Quant Time: Mar 16 04:25:56 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 16 04:25:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	82746	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	440244	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	257014	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	550175	20.00	ng/ul	0.00
17) Chrysene-d12	21.64	240	558695	20.00	ng/ul	0.00
22) Perylene-d12	24.82	264	537393	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.35	160	500145	23.50	ng/ul	0.00
10) Fluorene-d10	15.65	176	360053	22.03	ng/ul	0.00
14) Anthracene-d10	17.49	188	495806	19.93	ng/ul	0.00
18) Pyrene-d10	19.76	212	522215	19.39	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	482512	20.29	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.43	178	507084	17.28	ng/ul	97
15) Anthracene	17.52	178	72544	2.43	ng/ul	98
16) Fluoranthene	19.43	202	1164702	36.11	ng/ul	98
19) Pyrene	19.79	202	958047	28.34	ng/ul#	95
20) Benzo(a)anthracene	21.62	228	639240	20.34	ng/ul	96
21) Chrysene	21.68	228	575469	19.16	ng/ul	97
23) Benzo(b)fluoranthene	23.82	252	758520	24.43	ng/ul#	96
24) Benzo(k)fluoranthene	23.82	252	758520	25.29	ng/ul#	97
26) Benzo(a)pyrene	24.68	252	502939	16.74	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	28.44	276	335562	9.53	ng/ul#	89
28) Dibenzo(a,h)anthracene	28.47	278	44617	1.53	ng/ul#	82
29) Benzo(g,h,i)perylene	29.58	276	264453	9.11	ng/ul#	89

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

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Instrument :
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DABG5

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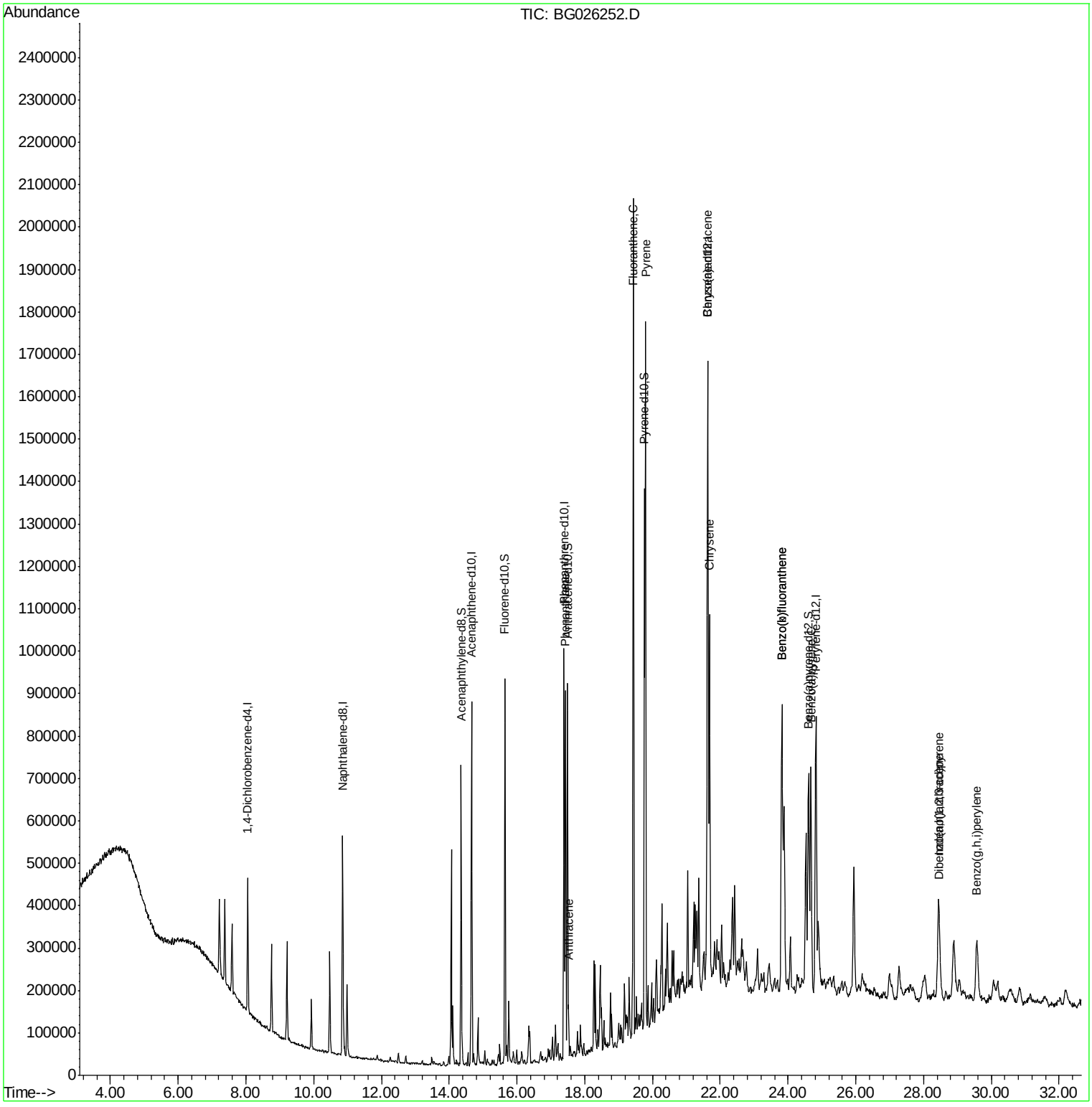
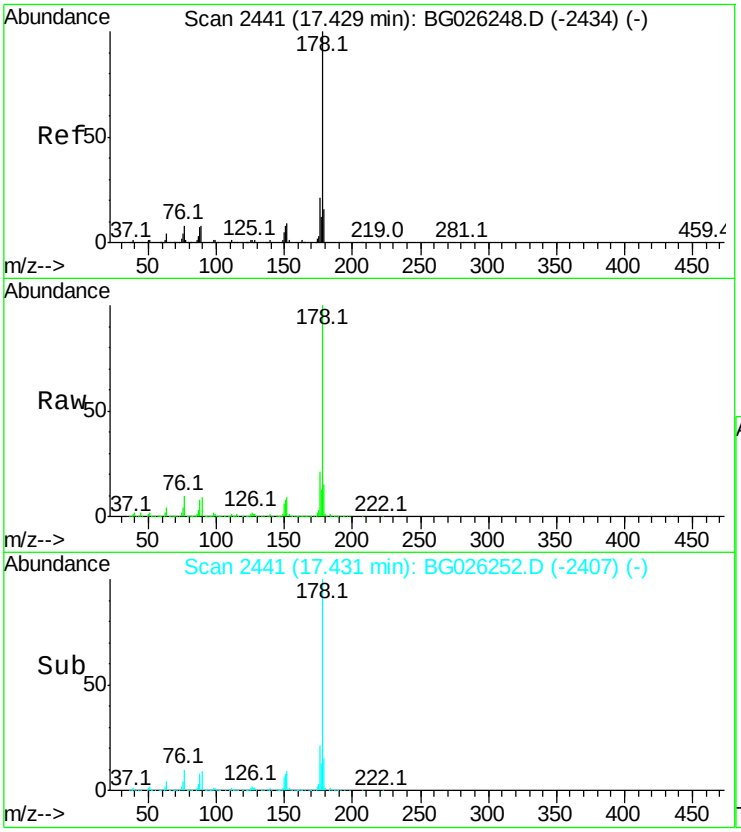


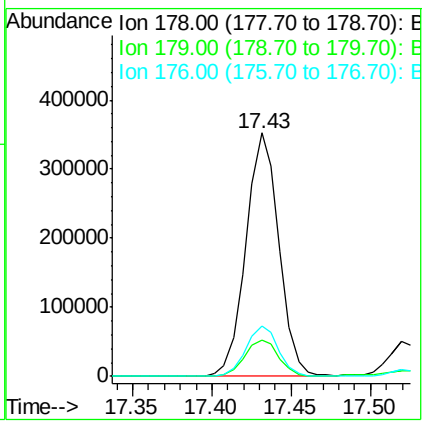


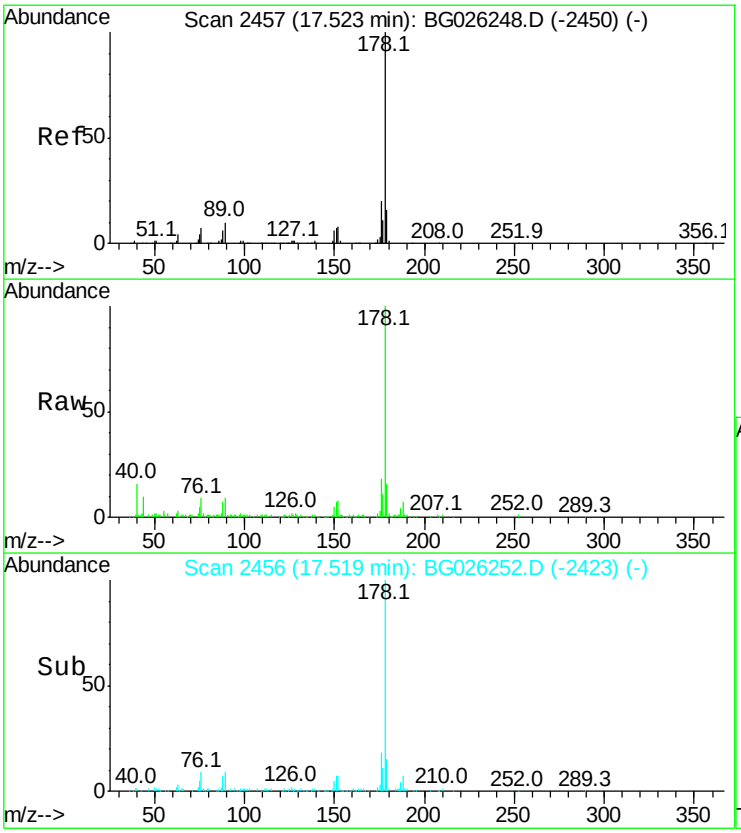
#13
Phenanthrene
Concen: 17.28 ng/ul
RT: 17.43 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG026252.D
Acq: 16 Mar 2017 2:53

Instrument :
BNA_G
ClientSampleId :
DABG5

Tgt Ion:178 Resp: 507084

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	20.8	15.1	22.7

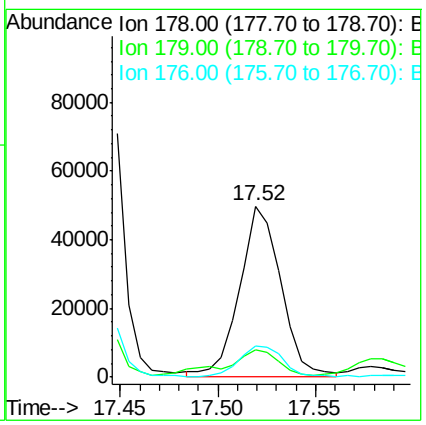


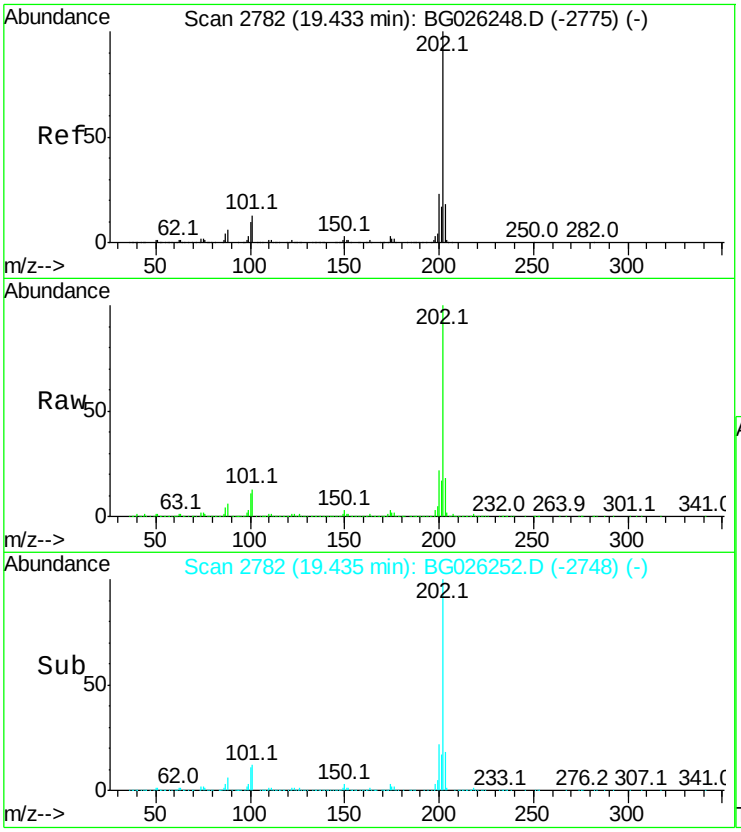


#15
Anthracene
Concen: 2.43 ng/ul
RT: 17.52 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BG026252.D
Acq: 16 Mar 2017 2:53

Tgt Ion:178 Resp: 72544

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.8	17.8
176	18.1	15.2	22.8



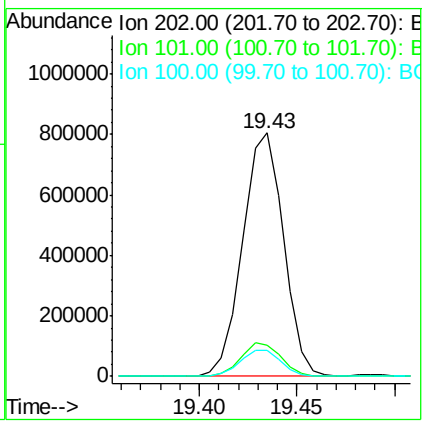


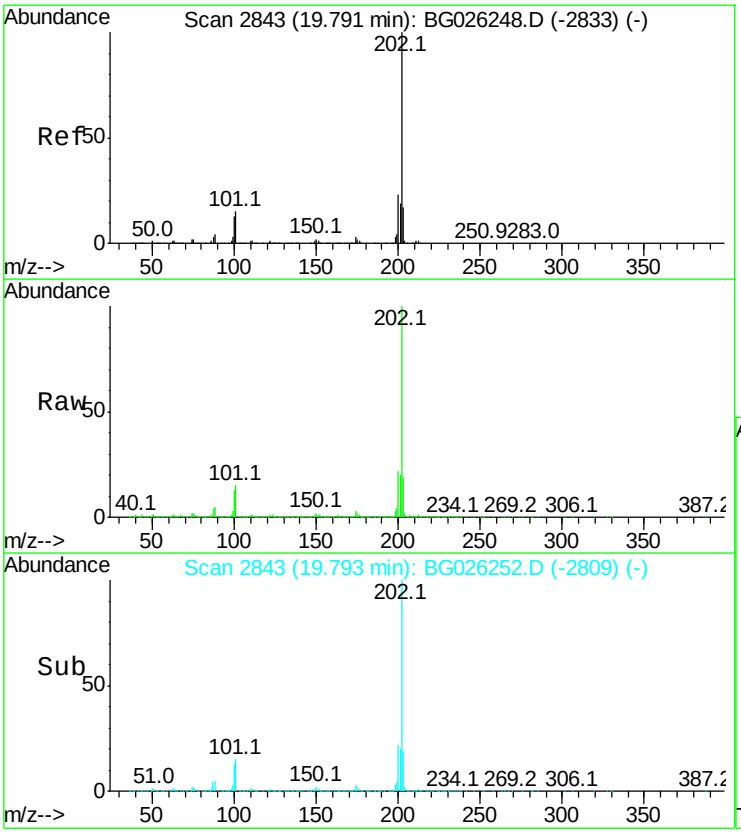
#16
Fluoranthene
Concen: 36.11 ng/ul
RT: 19.43 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BG026252.D
Acq: 16 Mar 2017 2:53

Instrument :
BNA_G
ClientSampleId :
DABG5

Tgt Ion:202 Resp: 1164702

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.9	14.9
100	10.8	7.4	11.0

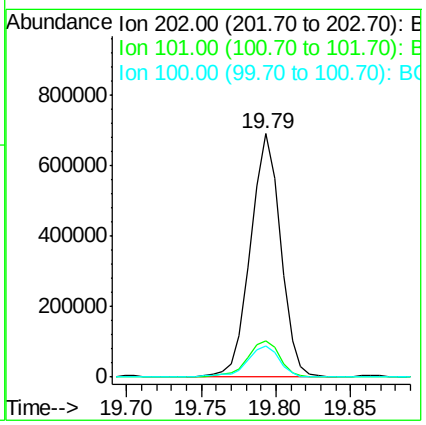


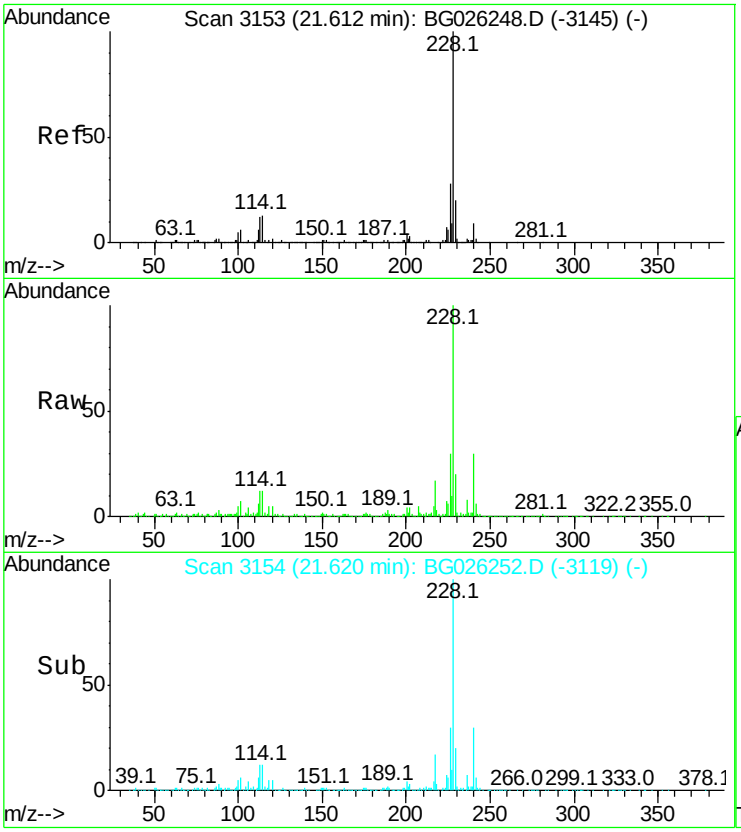


#19
Pyrene
Concen: 28.34 ng/ul
RT: 19.79 min Scan# 2843
Delta R.T. 0.00 min
Lab File: BG026252.D
Acq: 16 Mar 2017 2:53

Tgt Ion:202 Resp: 958047

Ion	Ratio	Lower	Upper
202	100		
101	15.1	11.0	16.4
100	13.0	8.1	12.1#



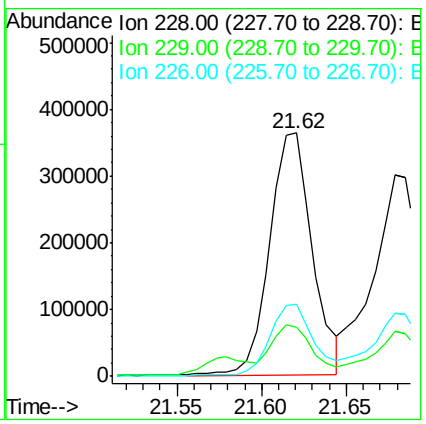


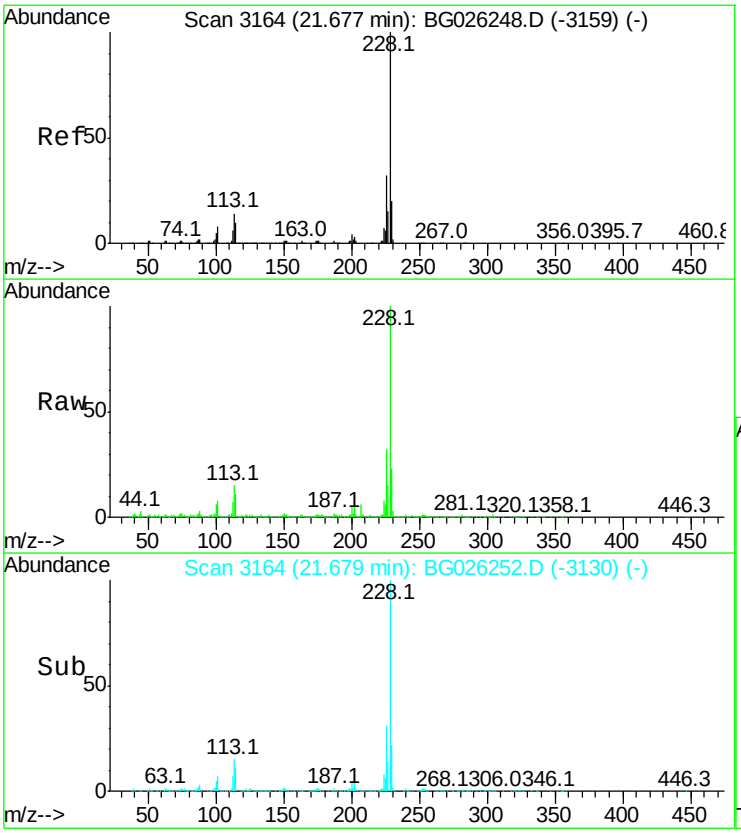
#20
Benzo(a)anthracene
Concen: 20.34 ng/ul
RT: 21.62 min Scan# 3154
Delta R.T. 0.01 min
Lab File: BG026252.D
Acq: 16 Mar 2017 2:53

Instrument :
BNA_G
ClientSampleId :
DABG5

Tgt Ion:228 Resp: 639240

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.7	23.5
226	29.7	21.1	31.7

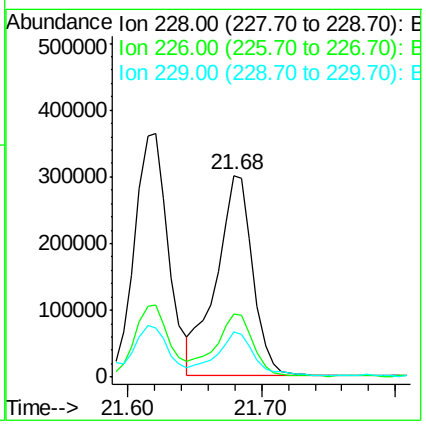


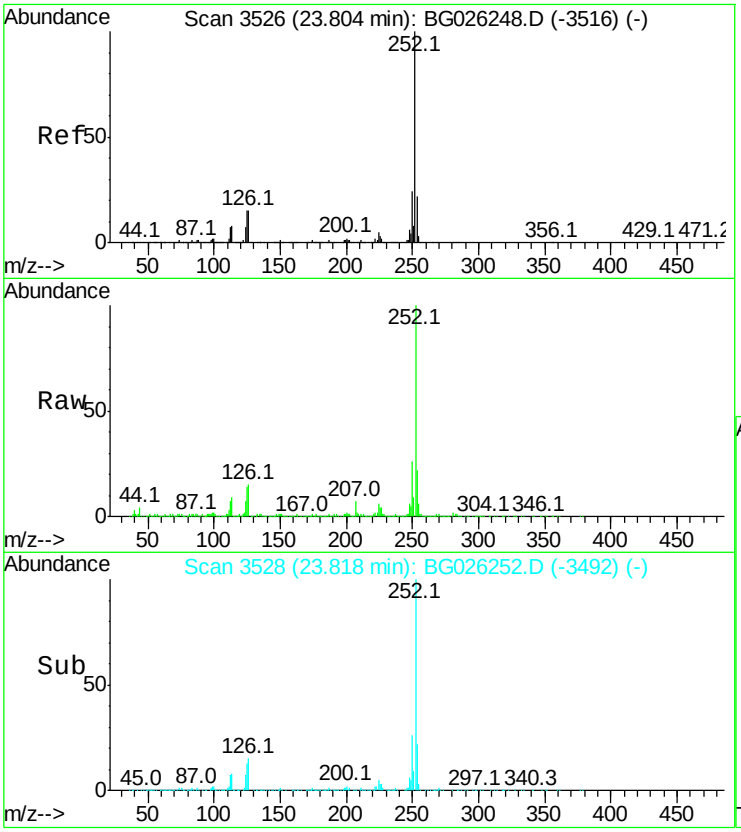


#21
Chrysene
Concen: 19.16 ng/ul
RT: 21.68 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BG026252.D
Acq: 16 Mar 2017 2:53

Tgt Ion:228 Resp: 575469

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.5	36.7
229	22.5	15.8	23.8



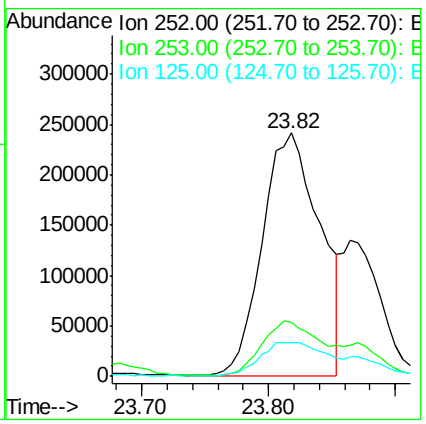


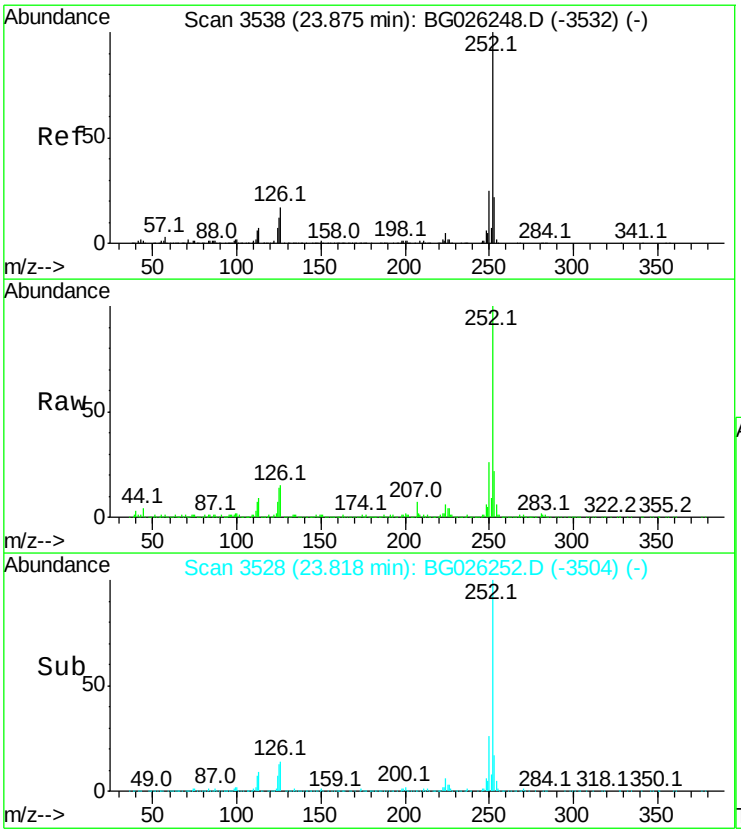
#23
Benzo(b)fluoranthene
Concen: 24.43 ng/ul
RT: 23.82 min Scan# 3528
Delta R.T. 0.01 min
Lab File: BG026252.D
Acq: 16 Mar 2017 2:53

Instrument :
BNA_G
ClientSampleId :
DABG5

Tgt Ion:252 Resp: 758520

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	13.7	8.0	12.0#

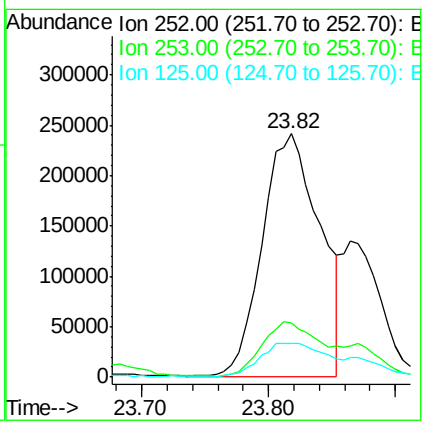


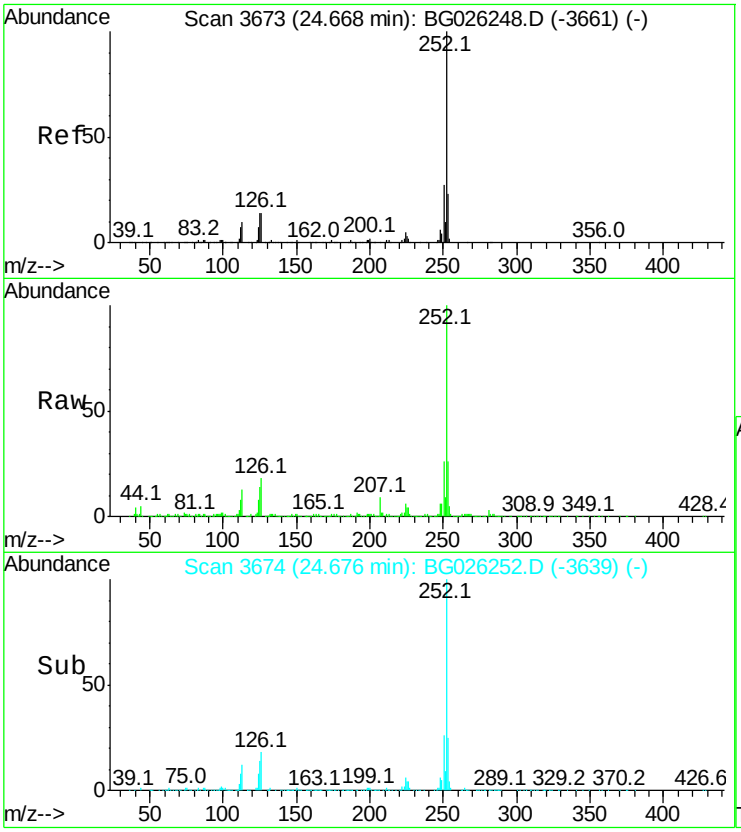


#24
Benzo(k)fluoranthene
Concen: 25.29 ng/ul
RT: 23.82 min Scan# 3528
Delta R.T. -0.06 min
Lab File: BG026252.D
Acq: 16 Mar 2017 2:53

Tgt Ion:252 Resp: 758520

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	13.7	8.1	12.1#



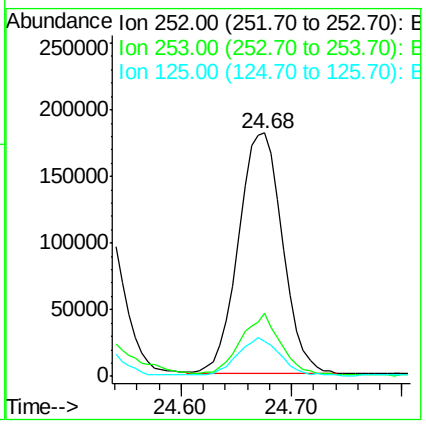


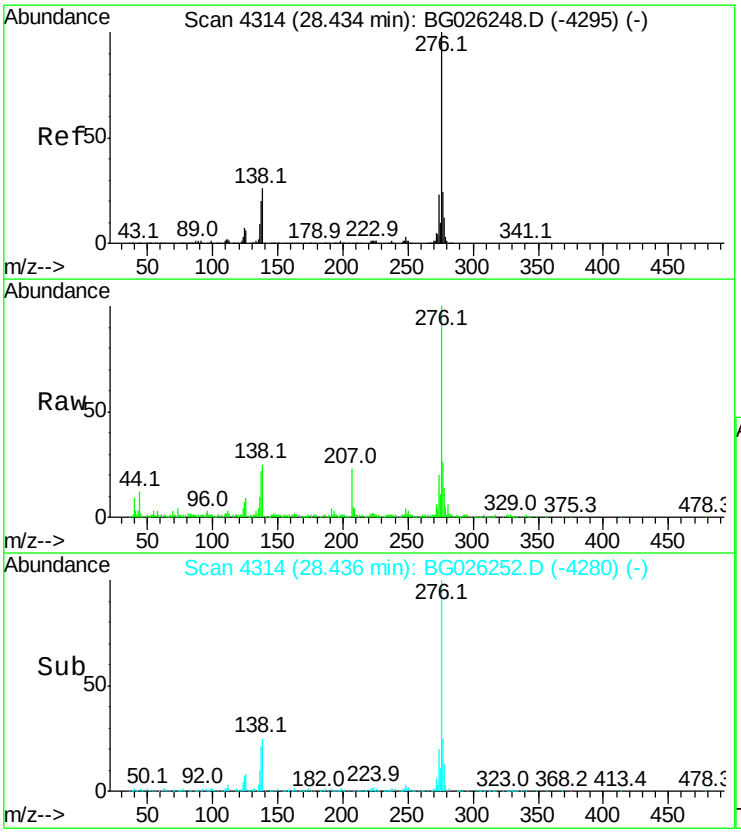
#26
Benzo(a)pyrene
Concen: 16.74 ng/ul
RT: 24.68 min Scan# 3674
Delta R.T. 0.01 min
Lab File: BG026252.D
Acq: 16 Mar 2017 2:53

Instrument :
BNA_G
ClientSampleId :
DABG5

Tgt Ion:252 Resp: 502939

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.2	25.8
125	14.3	8.2	12.4#

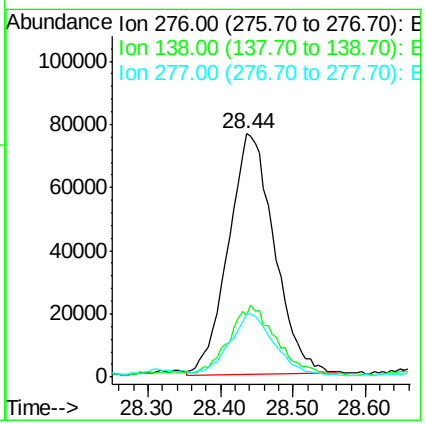


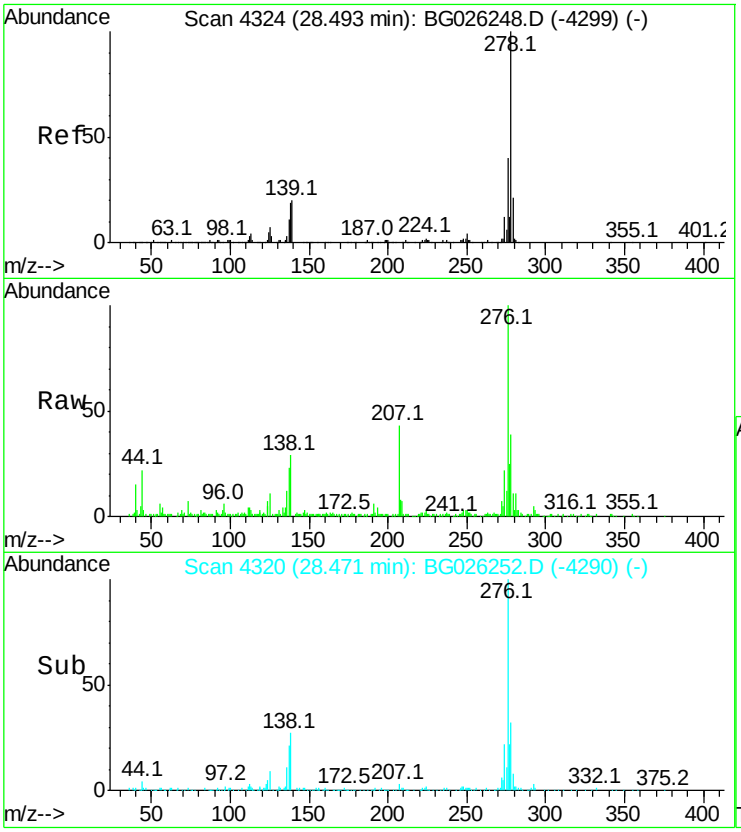


#27
Indeno(1,2,3-cd)pyrene
Concen: 9.53 ng/ul
RT: 28.44 min Scan# 4314
Delta R.T. 0.00 min
Lab File: BG026252.D
Acq: 16 Mar 2017 2:53

Tgt Ion:276 Resp: 335562

Ion	Ratio	Lower	Upper
276	100		
138	25.4	14.4	21.6#
277	26.0	18.0	27.0



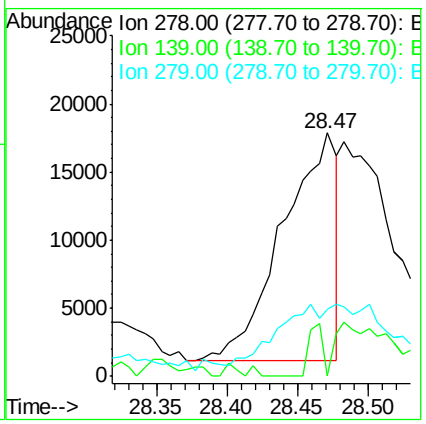


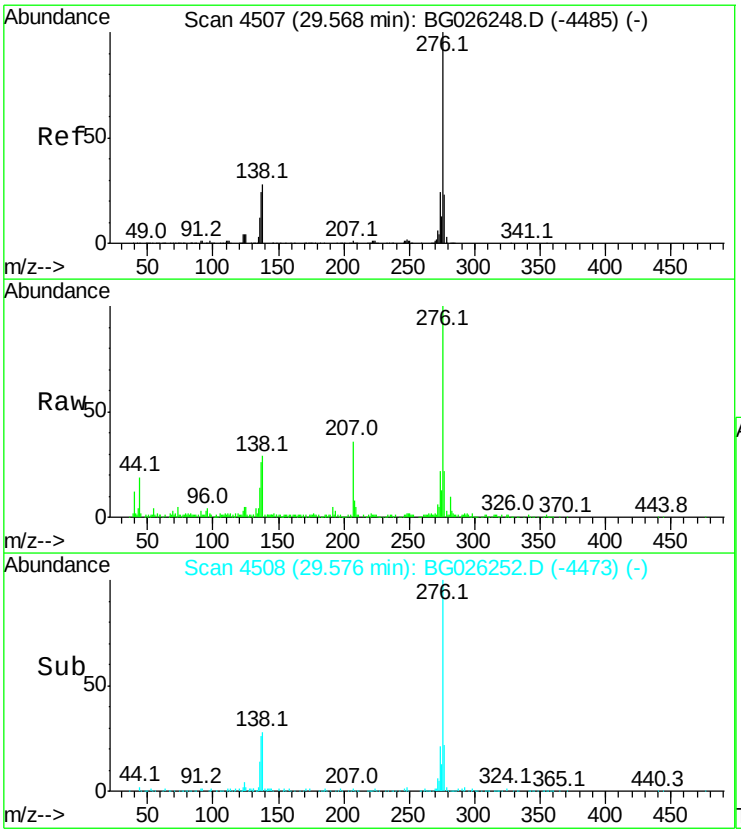
#28
Dibenzo(a,h)anthracene
Concen: 1.53 ng/ul
RT: 28.47 min Scan# 4320
Delta R.T. -0.02 min
Lab File: BG026252.D
Acq: 16 Mar 2017 2:53

Instrument :
BNA_G
ClientSampleId :
DABG5

Tgt Ion:278 Resp: 44617

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	27.4	19.2	28.8





#29
Benzo(g,h,i)perylene
Concen: 9.11 ng/ul
RT: 29.58 min Scan# 4508
Delta R.T. 0.01 min
Lab File: BG026252.D
Acq: 16 Mar 2017 2:53

Tgt Ion:276 Resp: 264453

Ion	Ratio	Lower	Upper
276	100		
138	28.9	15.3	22.9#
277	22.3	19.0	28.4