Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
Data File : BG026254.D
Acq On : 16 Mar 2017 4:12
Operator : SJ/MA
Sample : I2236-09MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DABG5MSD

Quant Time: Mar 16 06:49:01 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	93078	20.00	ng/ul	0.00
2) Naphthalene-d8	10.85	136	499855	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	281339	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	590200	20.00	ng/ul	0.00
17) Chrysene-d12	21.63	240	618955	20.00	ng/ul	0.00
22) Perylene-d12	24.82	264	585741	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.35	160	672756	28.88	ng/ul	0.00
10) Fluorene-d10	15.65	176	466609	26.08	ng/ul	0.00
14) Anthracene-d10	17.49	188	643062	24.10	ng/ul	0.00
18) Pyrene-d10	19.76	212	688216	23.07	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.60	264	632823	24.41	ng/ul	0.00
Target Compounds						Qvalue
9) Acenaphthene	14.72	153	499331	29.28	ng/ul	98
13) Phenanthrene	17.43	178	244126	7.76	ng/ul	98
16) Fluoranthene	19.43	202	469638	13.57	ng/ul#	95
19) Pyrene	19.79	202	1277155	34.10	ng/ul#	92
20) Benzo(a)anthracene	21.62	228	211809	6.08	ng/ul	93
21) Chrysene	21.68	228	236131	7.10	ng/ul	98
23) Benzo(b)fluoranthene	23.81	252	322583	9.53	ng/ul#	95
24) Benzo(k)fluoranthene	23.81	252	322583	9.87	ng/ul#	95
26) Benzo(a)pyrene	24.67	252	208281	6.36	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	28.45	276	148490	3.87	ng/ul#	85
29) Benzo(g,h,i)perylene	29.57	276	128114	4.05	ng/ul#	90

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

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Instrument :
BNA_G
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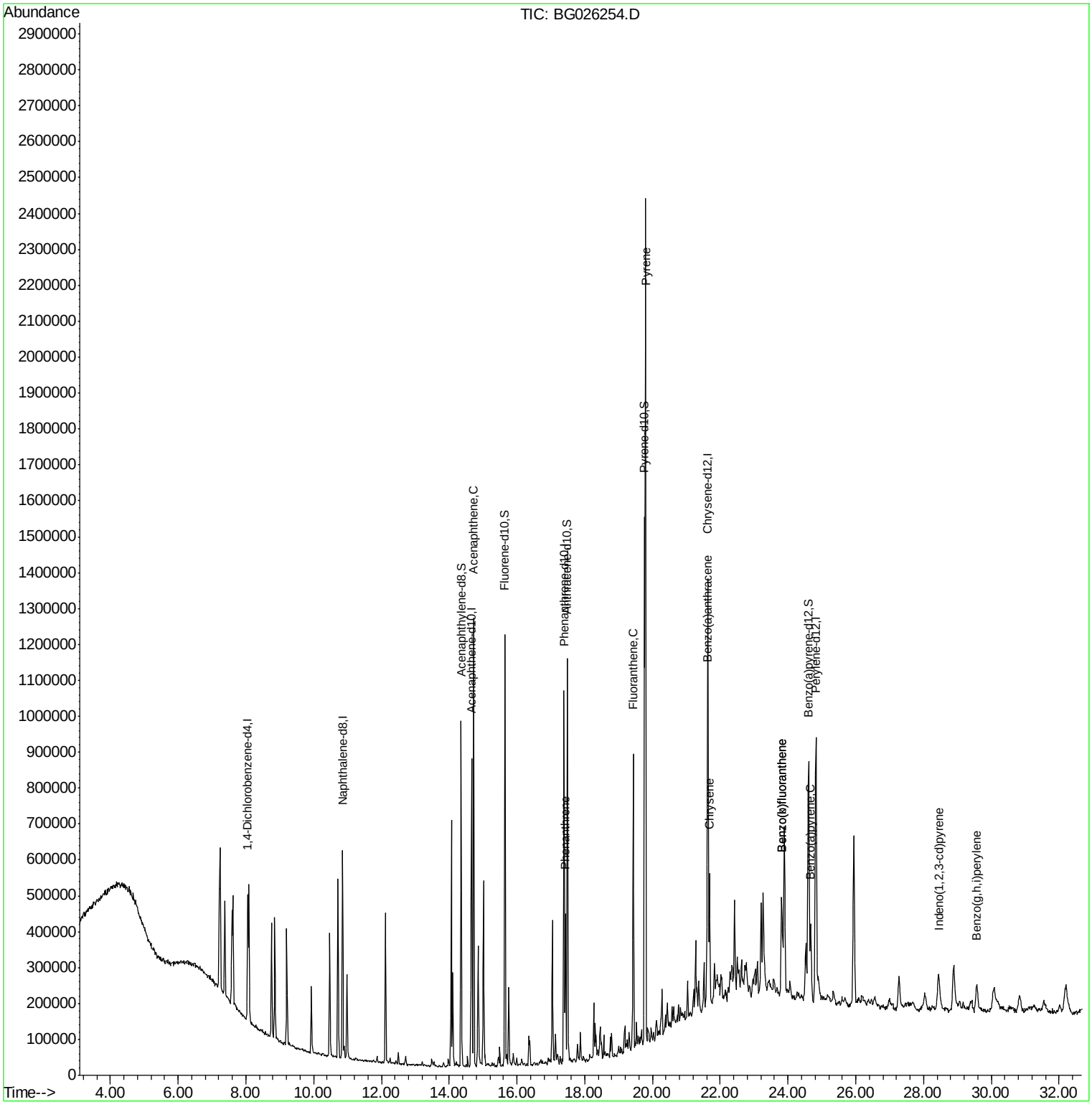
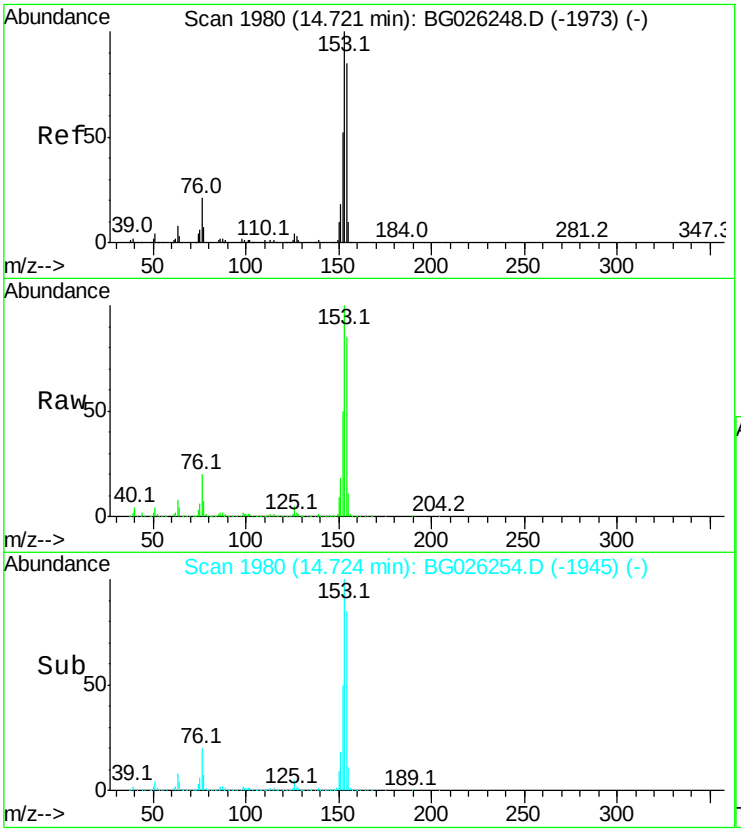


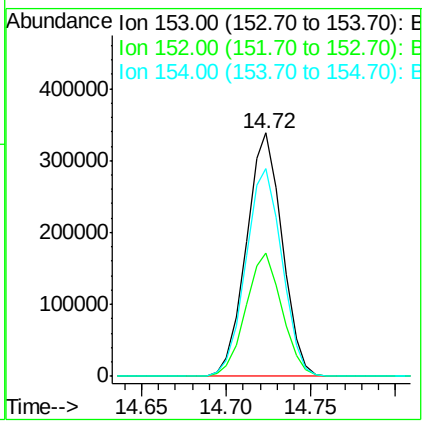


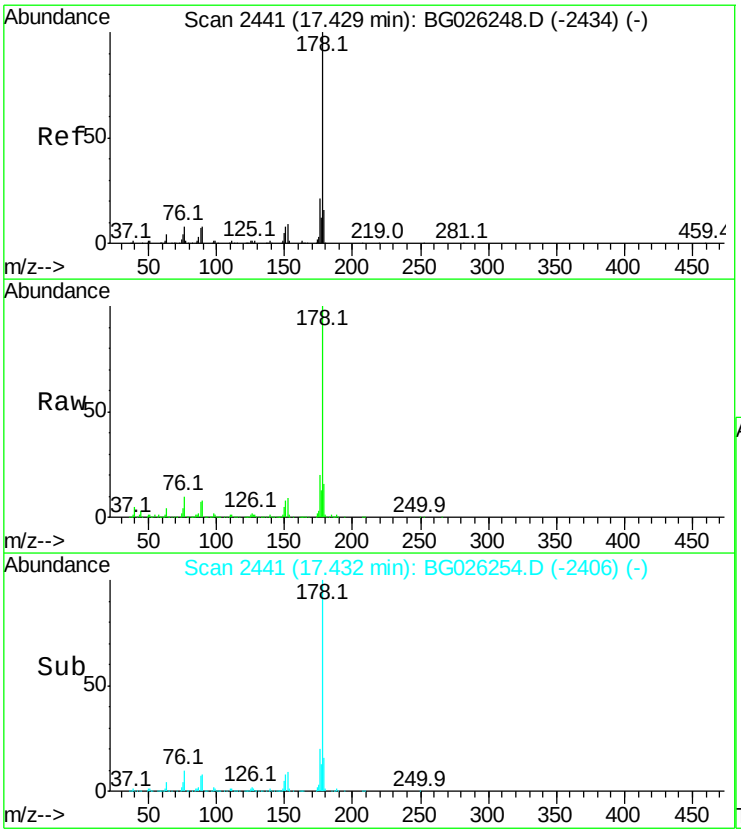
#9
Acenaphthene
Concen: 29.28 ng/ul
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG026254.D
Acq: 16 Mar 2017 4:12

Instrument :
BNA_G
ClientSampleId :
DABG5MSD

Tgt Ion:153 Resp: 499331

Ion	Ratio	Lower	Upper
153	100		
152	50.5	39.0	58.6
154	85.4	66.8	100.2

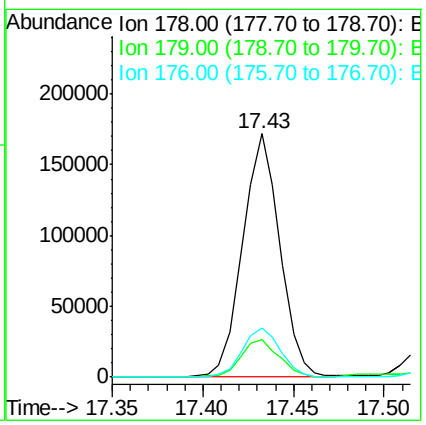


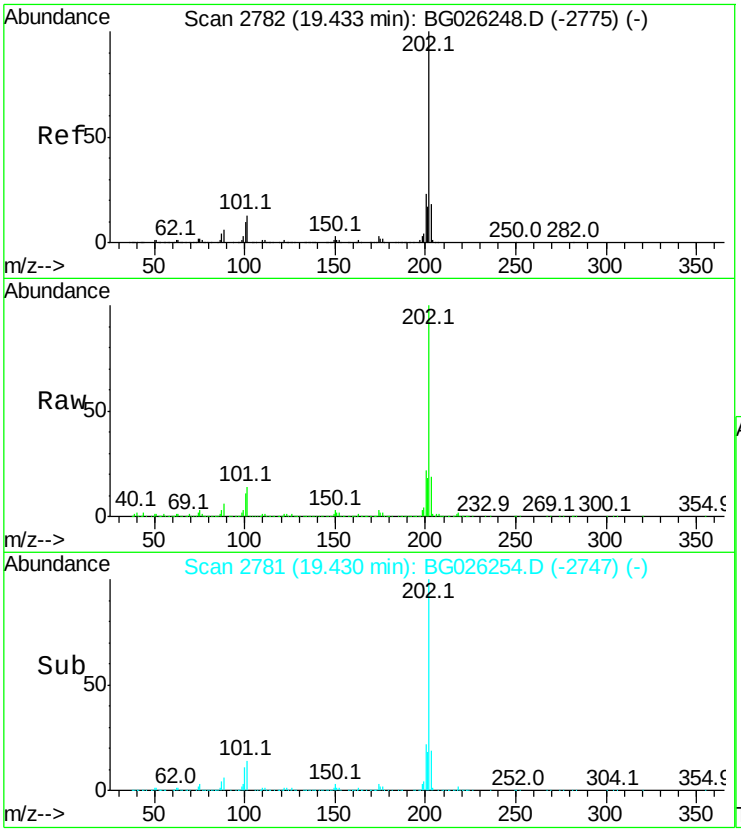


#13
Phenanthrene
Concen: 7.76 ng/ul
RT: 17.43 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG026254.D
Acq: 16 Mar 2017 4:12

Tgt Ion:178 Resp: 244126

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	20.1	15.1	22.7



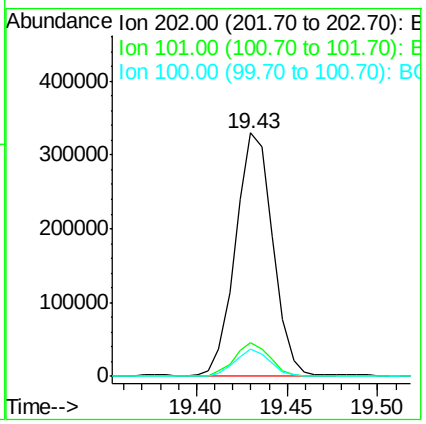


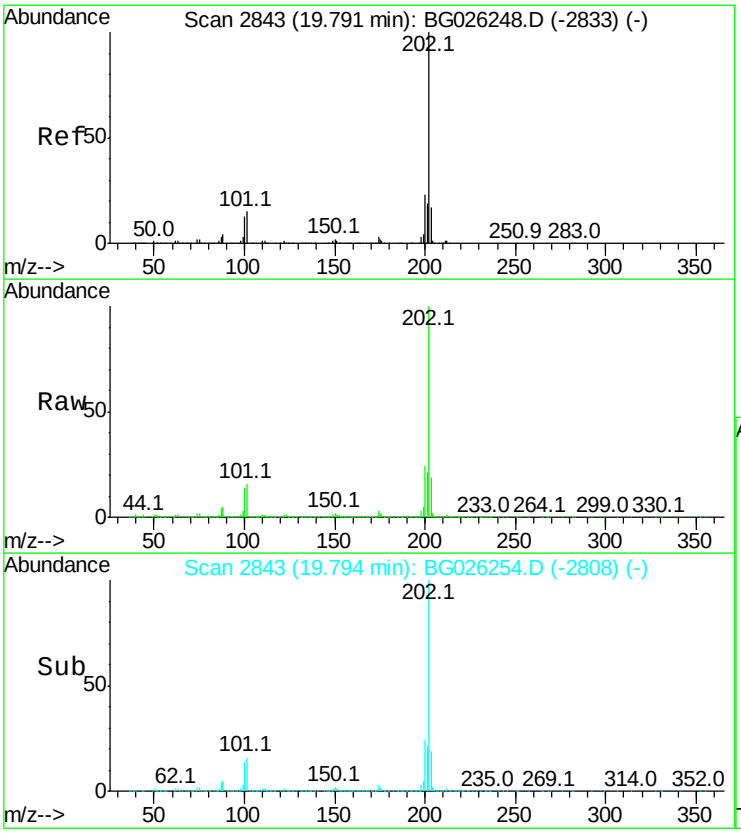
#16
Fluoranthene
Concen: 13.57 ng/ul
RT: 19.43 min Scan# 2781
Delta R.T. -0.00 min
Lab File: BG026254.D
Acq: 16 Mar 2017 4:12

Instrument :
BNA_G
ClientSampleId :
DABG5MSD

Tgt Ion:202 Resp: 469638

Ion	Ratio	Lower	Upper
202	100		
101	14.0	9.9	14.9
100	11.1	7.4	11.0#

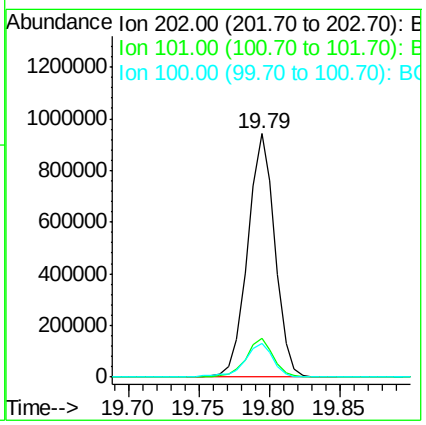


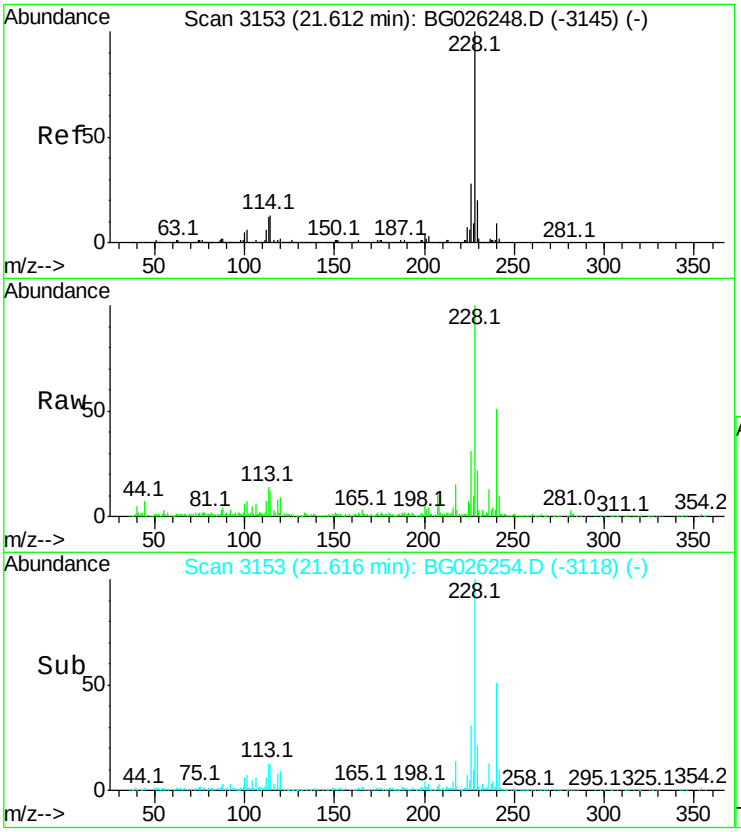


#19
Pyrene
Concen: 34.10 ng/ul
RT: 19.79 min Scan# 2843
Delta R.T. 0.00 min
Lab File: BG026254.D
Acq: 16 Mar 2017 4:12

Tgt Ion:202 Resp: 1277155

Ion	Ratio	Lower	Upper
202	100		
101	16.2	11.0	16.4
100	13.8	8.1	12.1#



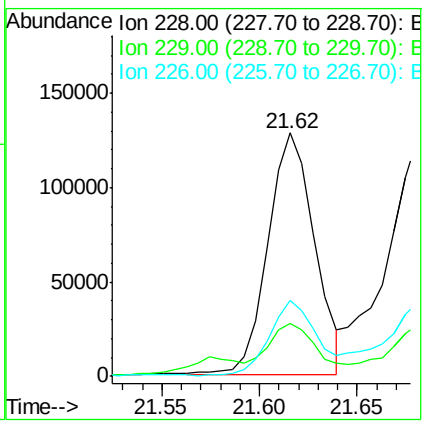


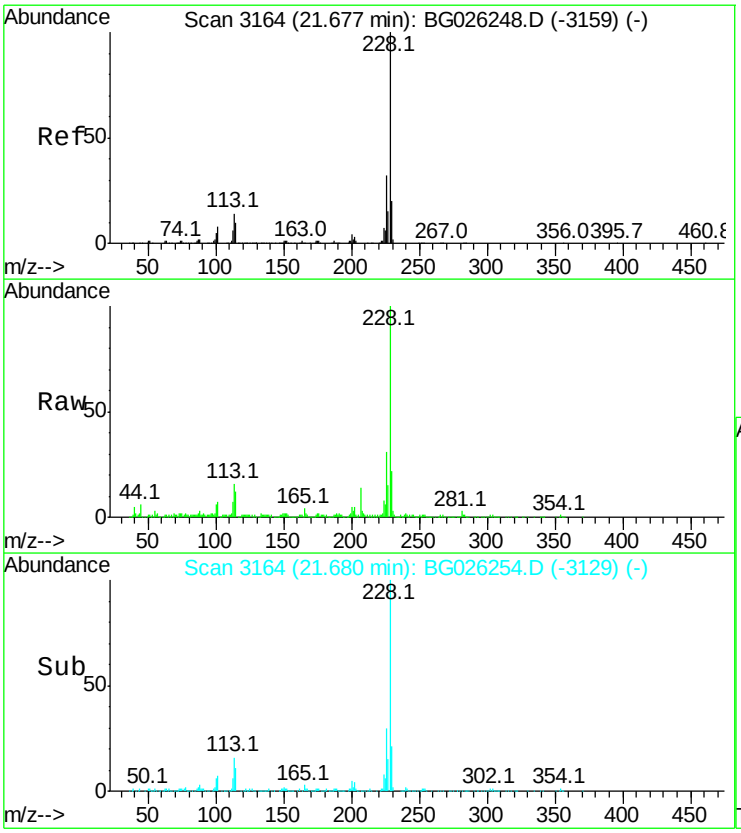
#20
Benzo(a)anthracene
Concen: 6.08 ng/ul
RT: 21.62 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG026254.D
Acq: 16 Mar 2017 4:12

Instrument :
BNA_G
ClientSampleId :
DABG5MSD

Tgt Ion:228 Resp: 211809

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.7	23.5
226	31.1	21.1	31.7

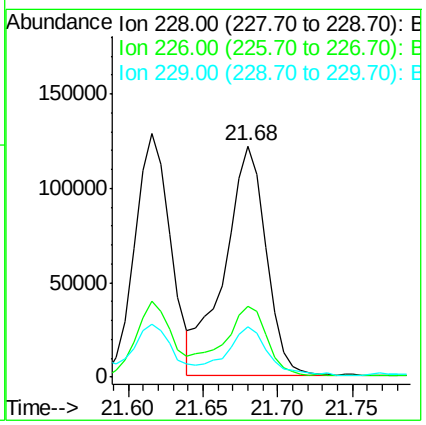


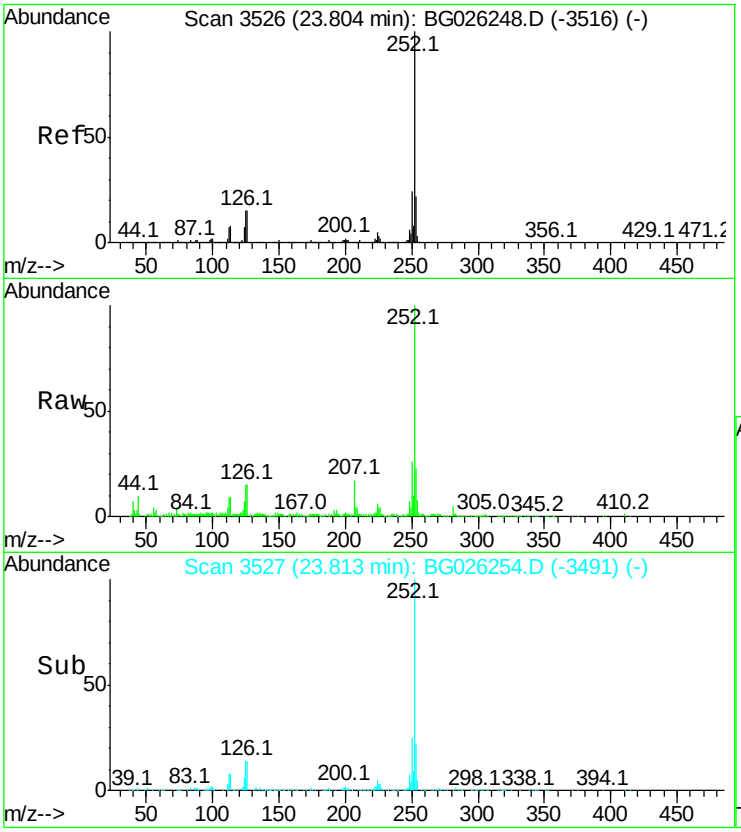


#21
Chrysene
Concen: 7.10 ng/ul
RT: 21.68 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BG026254.D
Acq: 16 Mar 2017 4:12

Tgt Ion:228 Resp: 236131

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.5	36.7
229	21.7	15.8	23.8



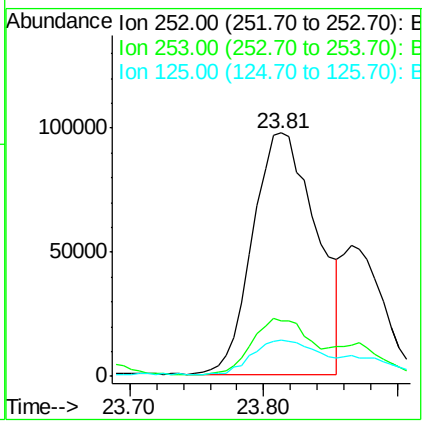


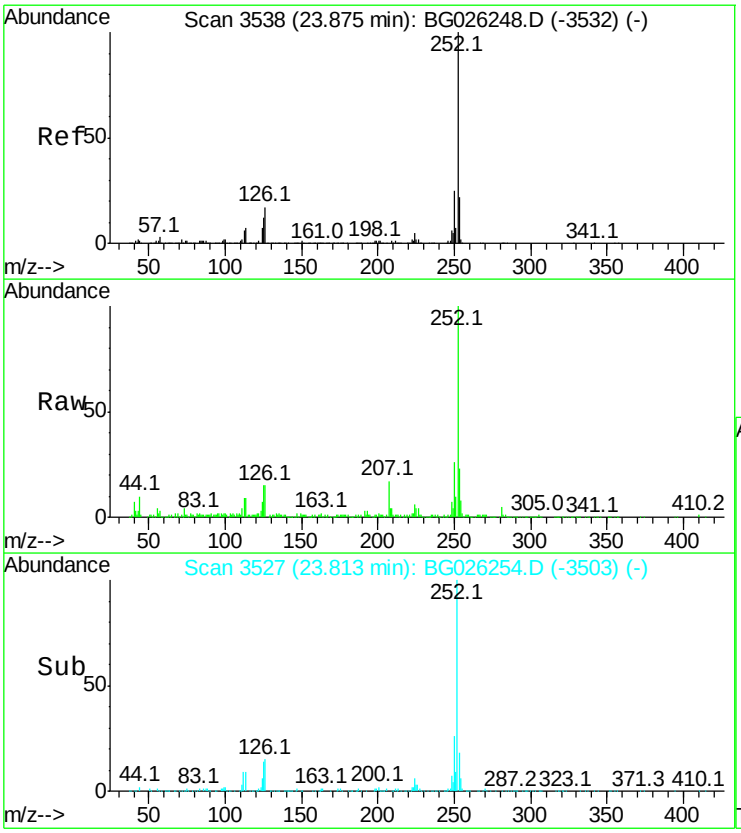
#23
Benzo(b)fluoranthene
Concen: 9.53 ng/ul
RT: 23.81 min Scan# 3527
Delta R.T. 0.01 min
Lab File: BG026254.D
Acq: 16 Mar 2017 4:12

Instrument :
BNA_G
ClientSampleId :
DABG5MSD

Tgt Ion:252 Resp: 322583

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	14.9	8.0	12.0#

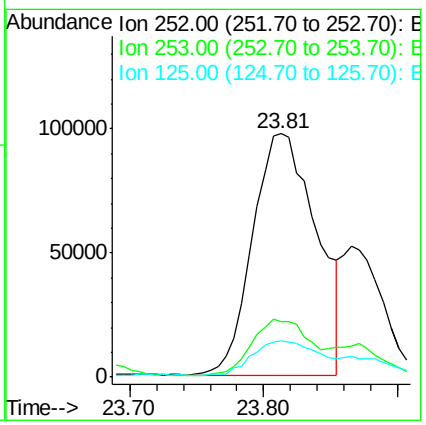


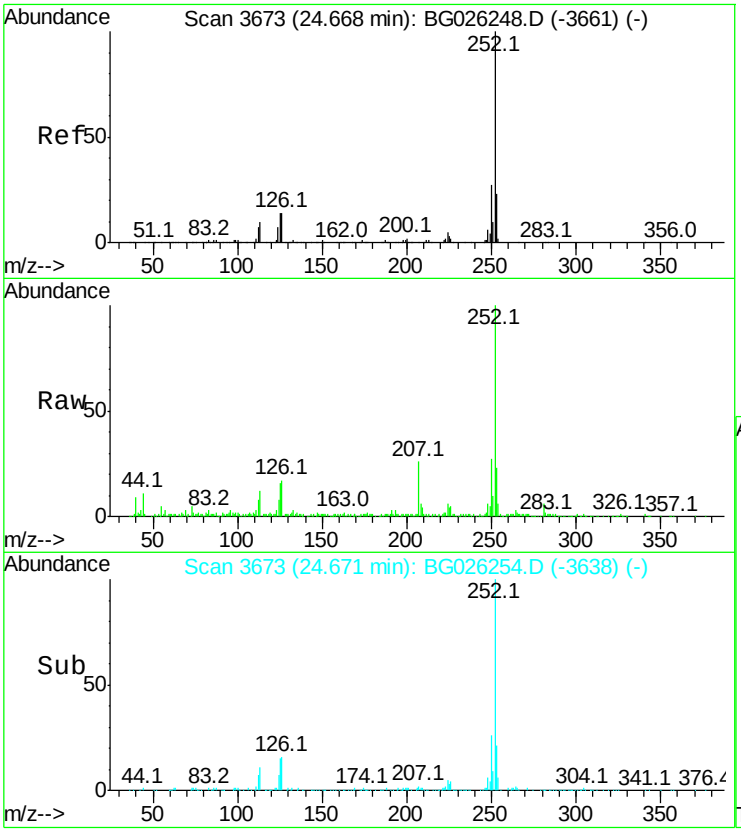


#24
Benzo(k)fluoranthene
Concen: 9.87 ng/ul
RT: 23.81 min Scan# 3527
Delta R.T. -0.06 min
Lab File: BG026254.D
Acq: 16 Mar 2017 4:12

Tgt Ion:252 Resp: 322583

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	14.9	8.1	12.1#



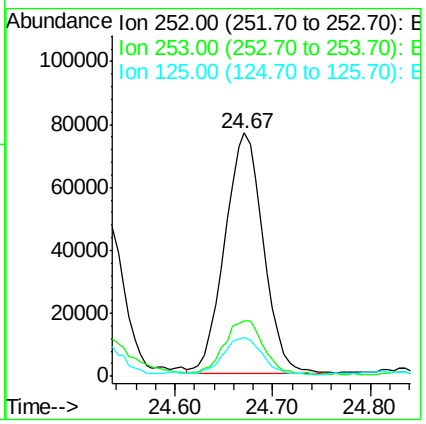


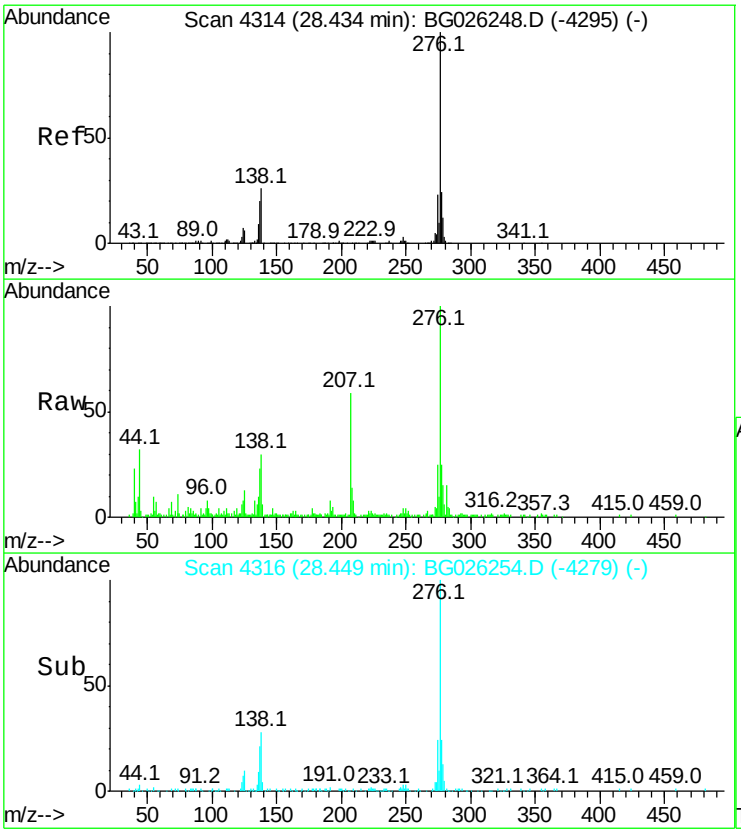
#26
Benzo(a)pyrene
Concen: 6.36 ng/ul
RT: 24.67 min Scan# 3673
Delta R.T. 0.00 min
Lab File: BG026254.D
Acq: 16 Mar 2017 4:12

Instrument :
BNA_G
ClientSampleId :
DABG5MSD

Tgt Ion:252 Resp: 208281

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	16.0	8.2	12.4#

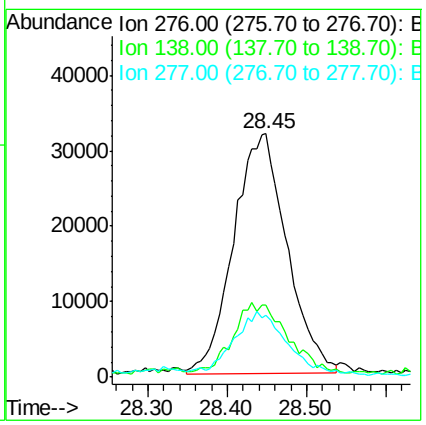


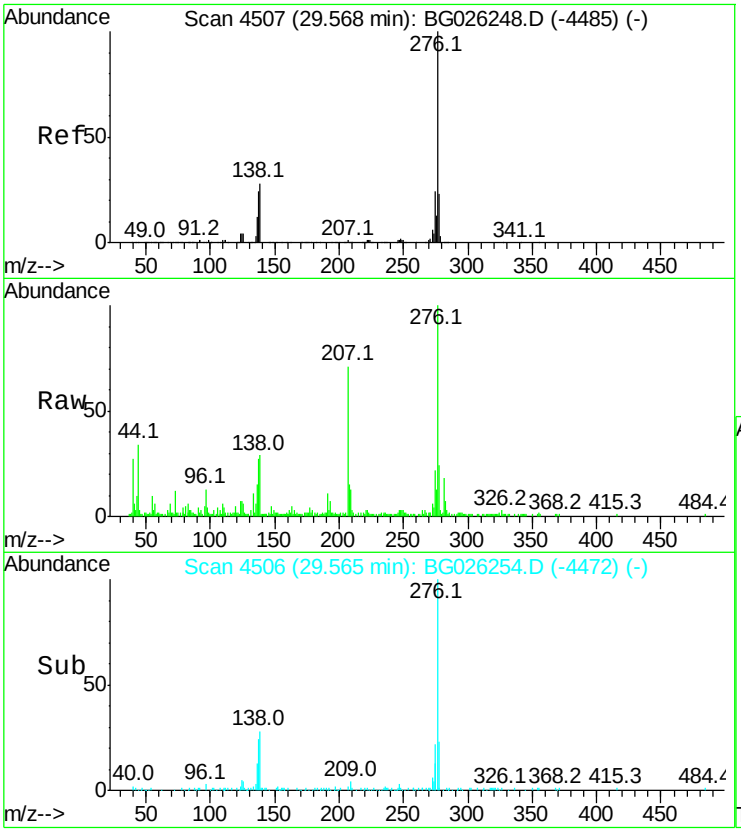


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.87 ng/ul
RT: 28.45 min Scan# 4316
Delta R.T. 0.01 min
Lab File: BG026254.D
Acq: 16 Mar 2017 4:12

Tgt Ion:276 Resp: 148490

Ion	Ratio	Lower	Upper
276	100		
138	29.7	14.4	21.6#
277	25.2	18.0	27.0





#29
Benzo(g,h,i)perylene
Concen: 4.05 ng/ul
RT: 29.57 min Scan# 4506
Delta R.T. -0.00 min
Lab File: BG026254.D
Acq: 16 Mar 2017 4:12

Instrument :
BNA_G
ClientSampleId :
DABG5MSD

Tgt Ion:276 Resp: 128114

Ion	Ratio	Lower	Upper
276	100		
138	28.7	15.3	22.9#
277	23.9	19.0	28.4