Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG033115\
Data File : BG016211.D
Acq On : 31 Mar 2015 21:47
Operator : TP/IZ
Sample : G1647-08 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 01 08:50:16 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 01 04:39:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	68853	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	303161	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	173910	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	353160	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	356165	20.00	ng/ul	0.00
83) Perylene-d12	23.59	264	351099	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.94	99	38181	6.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	23291	6.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	29055	5.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	29553	6.01	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	16215	6.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	16061	5.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	25646	5.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	30887	4.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	71130	6.19	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	97242	6.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	13797	4.76	ng/ul	0.00
57) Fluorene-d10	15.38	176	66583	5.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	7495	3.11	ng/ul	0.00
70) Anthracene-d10	17.24	188	96048	5.92	ng/ul	0.00
76) Pyrene-d10	19.53	212	98184	6.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.45	264	85013	5.37	ng/ul	0.00
Target Compounds						Qvalue
58) Fluorene	15.44	166	16296	1.18	ng/ul	96
69) Phenanthrene	17.18	178	221468	11.05	ng/ul	98
71) Anthracene	17.27	178	76376	3.73	ng/ul	98
74) Fluoranthene	19.20	202	1057415	47.45	ng/ul	99
77) Pyrene	19.56	202	892469	40.37	ng/ul	99
80) Benzo(a)anthracene	21.30	228	474203	23.00	ng/ul	99
82) Chrysene	21.35	228	361961	18.90	ng/ul	97
85) Benzo(b)fluoranthene	22.91	252	512006	24.42	ng/ul	98
86) Benzo(k)fluoranthene	22.91	252	262457	12.99	ng/ul	100
88) Benzo(a)pyrene	23.49	252	393919	19.70	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.92	276	229192	9.81	ng/ul	92
91) Benzo(g,h,i)perylene	26.64	276	161798	8.47	ng/ul	98

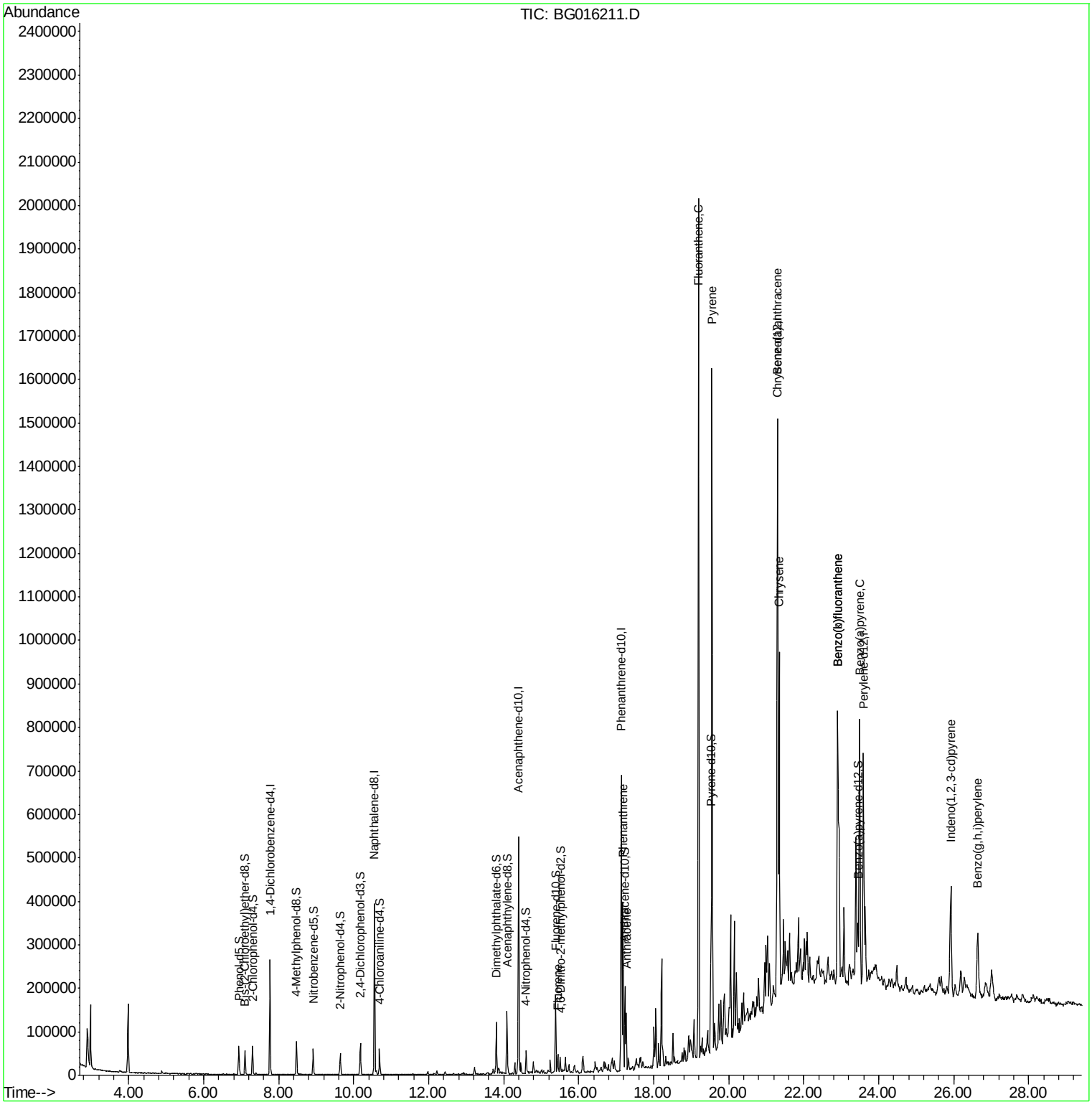
(#) = qualifier out of range (m) = manual integration (+) = signals summed

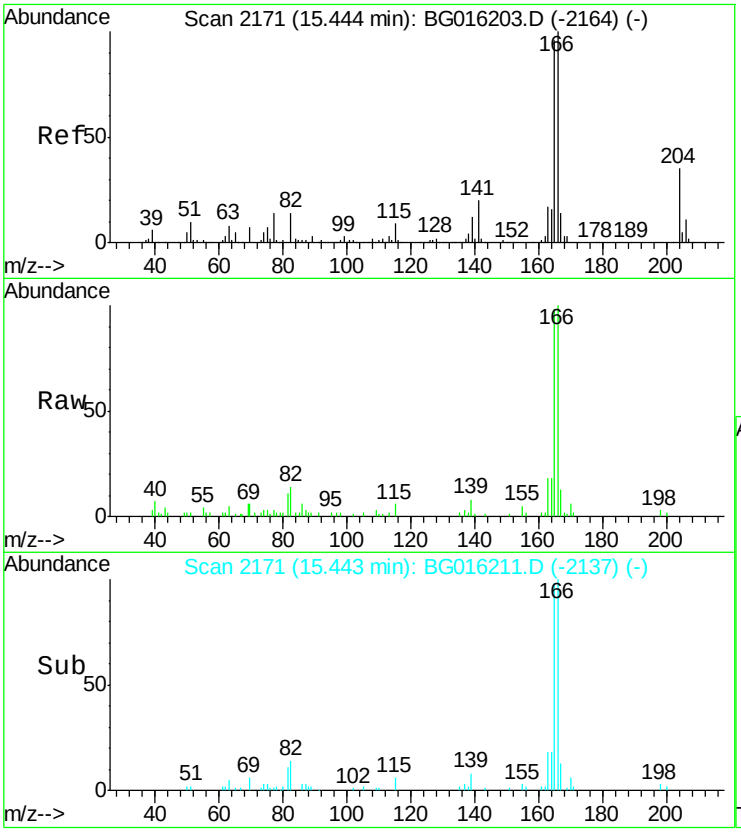
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG033115\
Data File : BG016211.D
Acq On : 31 Mar 2015 21:47
Operator : TP/IZ
Sample : G1647-08 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 01 08:50:16 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 01 04:39:57 2015
Response via : Initial Calibration



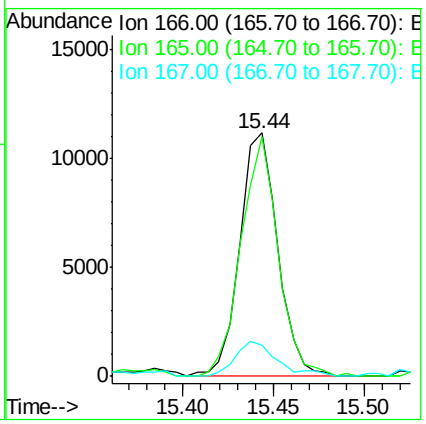


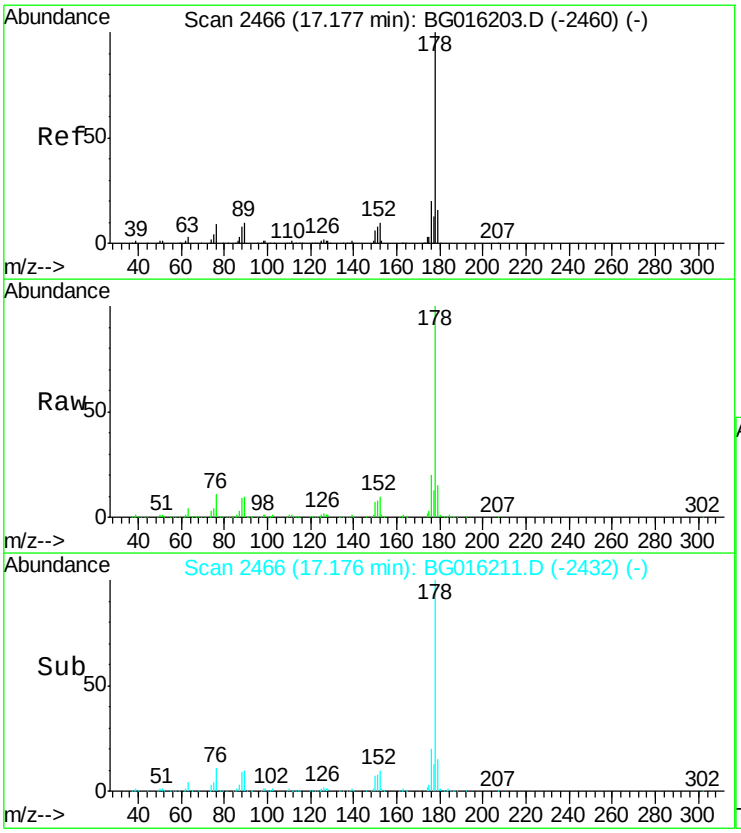
#58
Fluorene
Concen: 1.18 ng/ul
RT: 15.44 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BG016211.D
Acq: 31 Mar 2015 21:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 16296

Ion	Ratio	Lower	Upper
166	100		
165	98.3	75.6	113.4
167	12.6	10.7	16.1

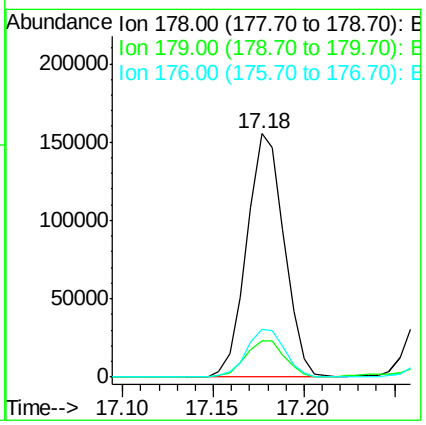


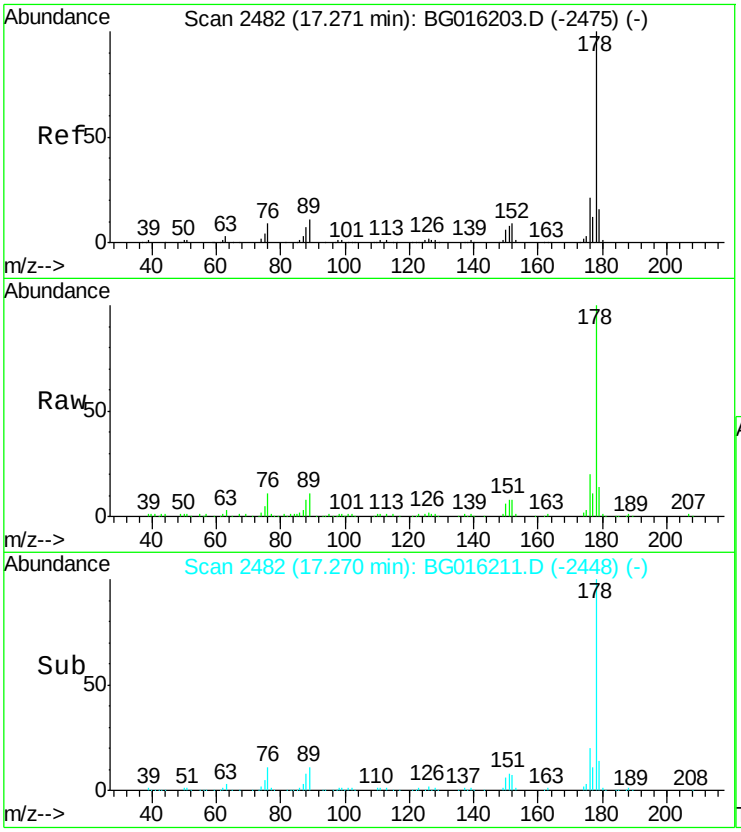


#69
Phenanthrene
Concen: 11.05 ng/ul
RT: 17.18 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG016211.D
Acq: 31 Mar 2015 21:47

Tgt Ion:178 Resp: 221468

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.6	19.0
176	19.7	16.6	24.8



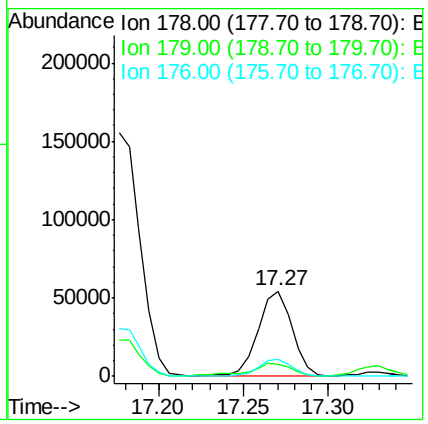


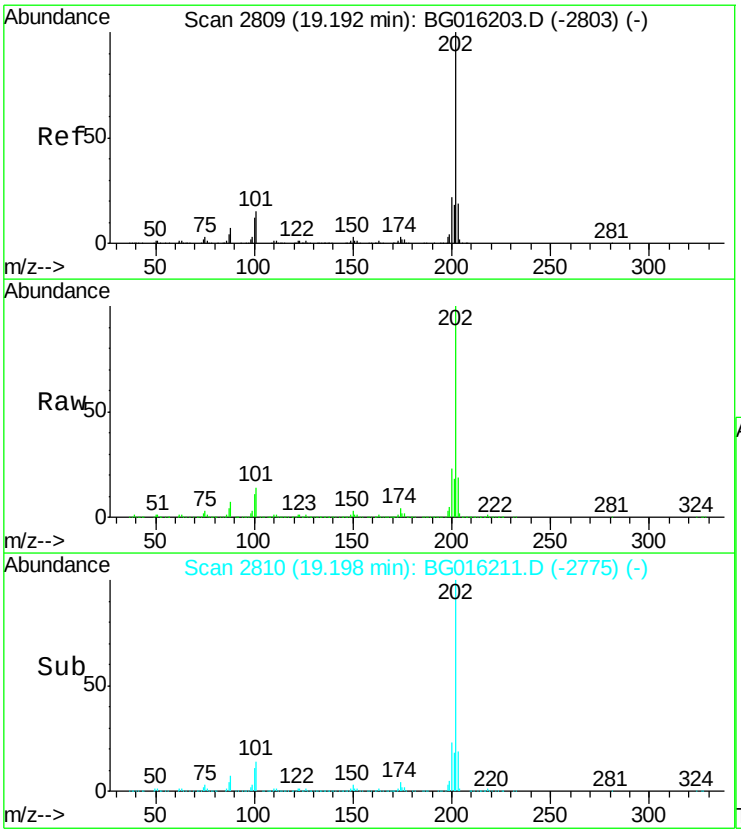
#71
Anthracene
Concen: 3.73 ng/ul
RT: 17.27 min Scan# 2482
Delta R.T. -0.00 min
Lab File: BG016211.D
Acq: 31 Mar 2015 21:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 76376

Ion	Ratio	Lower	Upper
178	100		
179	14.2	13.0	19.4
176	19.7	15.9	23.9

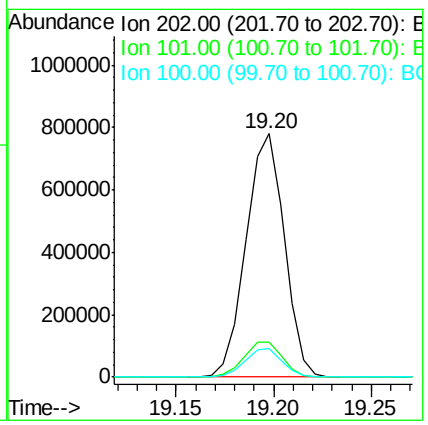


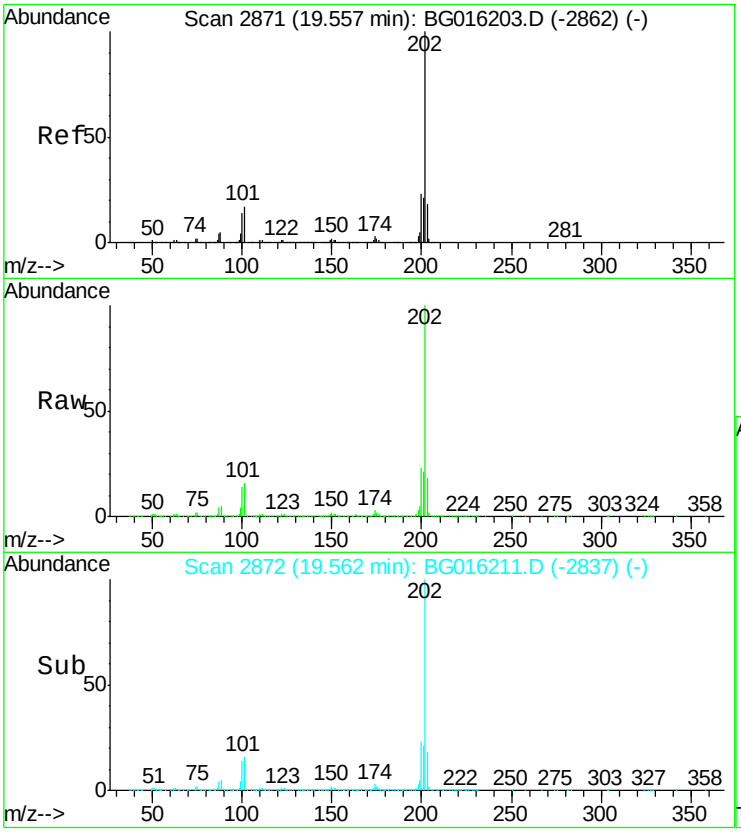


#74
Fluoranthene
Concen: 47.45 ng/ul
RT: 19.20 min Scan# 2810
Delta R.T. 0.01 min
Lab File: BG016211.D
Acq: 31 Mar 2015 21:47

Tgt Ion:202 Resp: 1057415

Ion	Ratio	Lower	Upper
202	100		
101	14.4	11.8	17.8
100	11.5	9.4	14.0



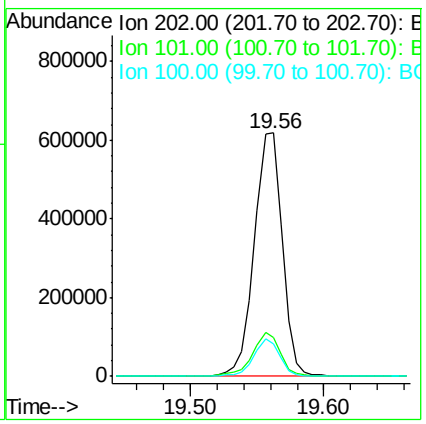


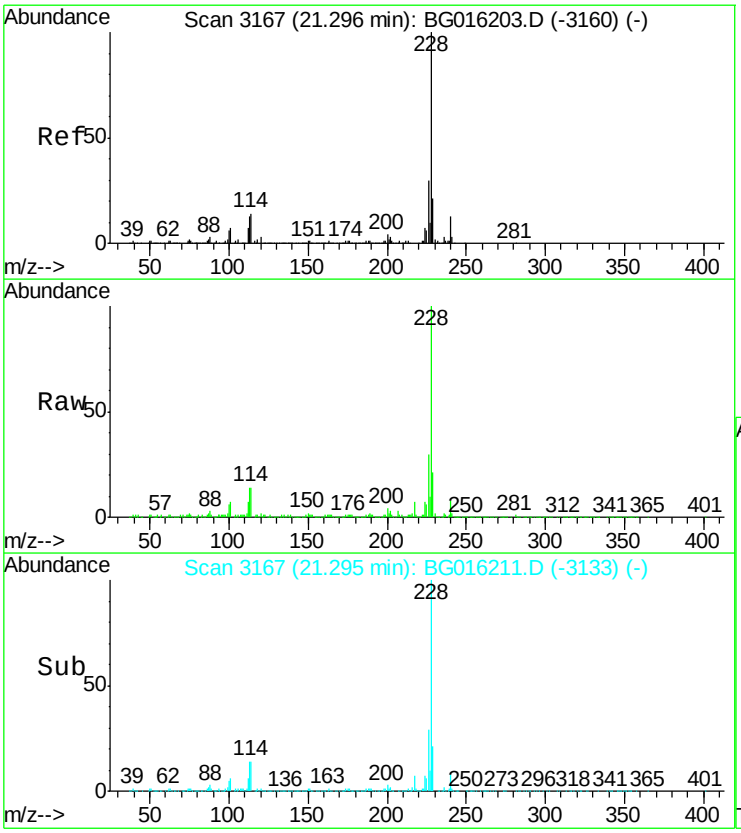
#77
Pyrene
Concen: 40.37 ng/ul
RT: 19.56 min Scan# 2872
Delta R.T. 0.01 min
Lab File: BG016211.D
Acq: 31 Mar 2015 21:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 892469

Ion	Ratio	Lower	Upper
202	100		
101	16.0	13.4	20.0
100	13.6	11.1	16.7

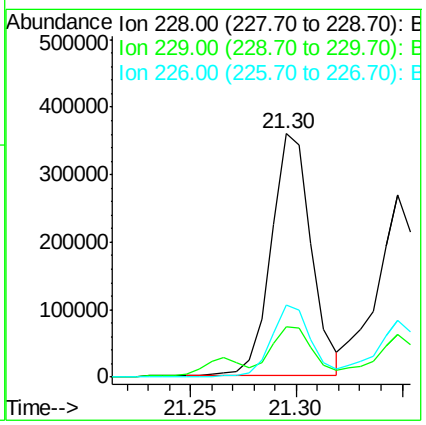


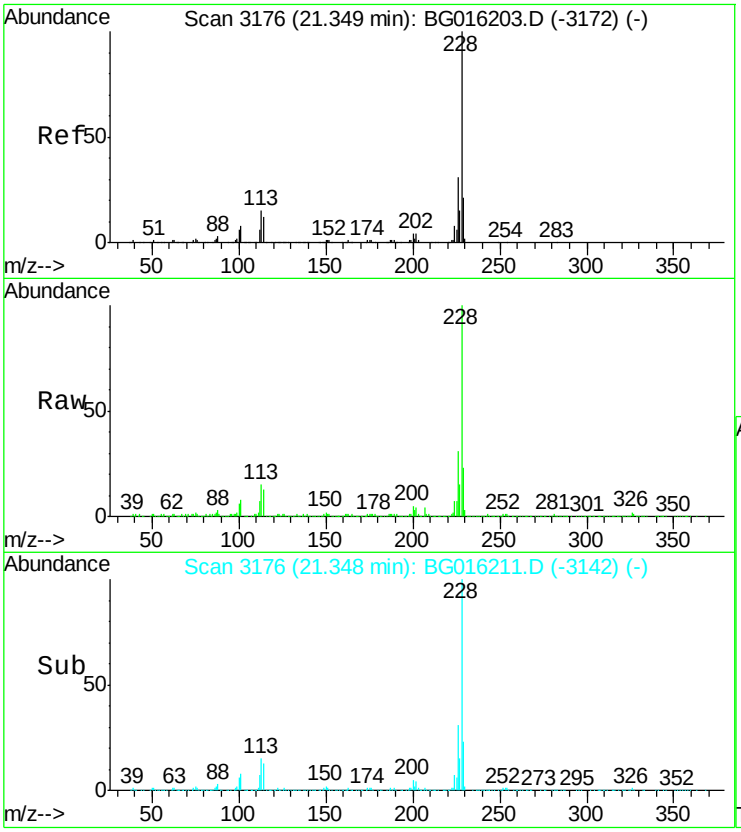


#80
Benzo(a)anthracene
Concen: 23.00 ng/ul
RT: 21.30 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG016211.D
Acq: 31 Mar 2015 21:47

Tgt Ion:228 Resp: 474203

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.5	24.7
226	29.7	23.0	34.4



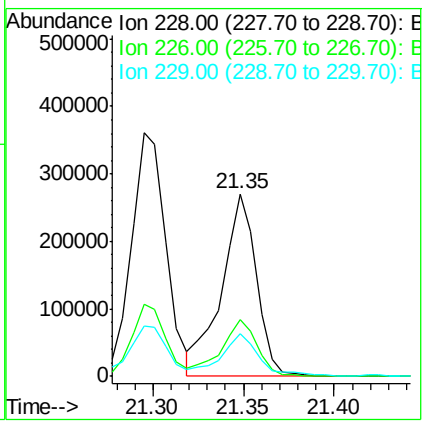


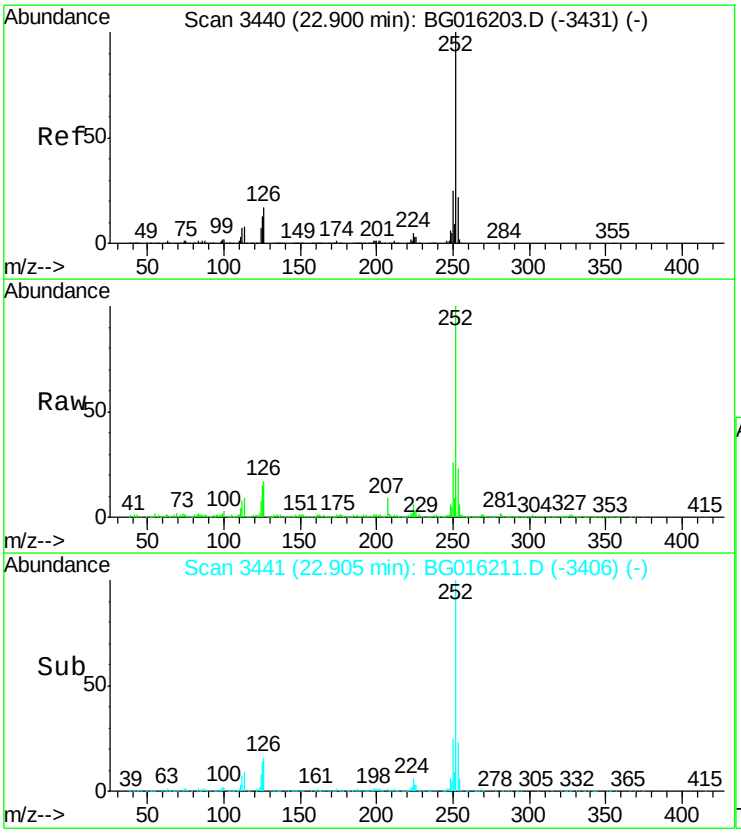
#82
Chrysene
Concen: 18.90 ng/ul
RT: 21.35 min Scan# 3176
Delta R.T. -0.00 min
Lab File: BG016211.D
Acq: 31 Mar 2015 21:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 361961

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.0
229	23.3	16.5	24.7

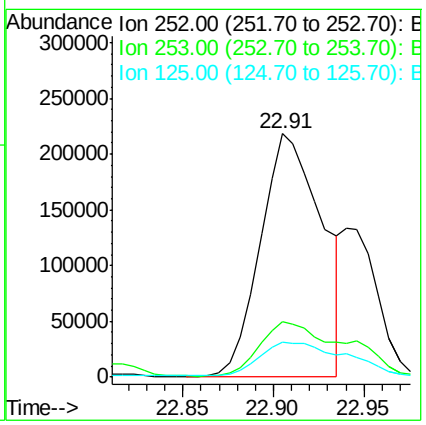


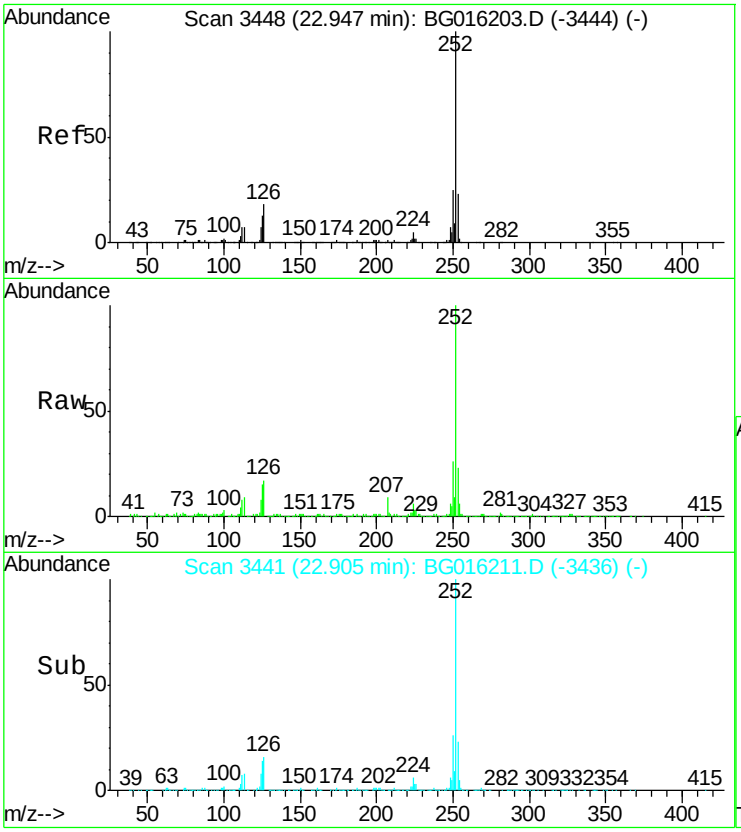


#85
Benzo(b)fluoranthene
Concen: 24.42 ng/ul
RT: 22.91 min Scan# 3441
Delta R.T. 0.01 min
Lab File: BG016211.D
Acq: 31 Mar 2015 21:47

Tgt Ion:252 Resp: 512006

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	14.5	10.6	15.8



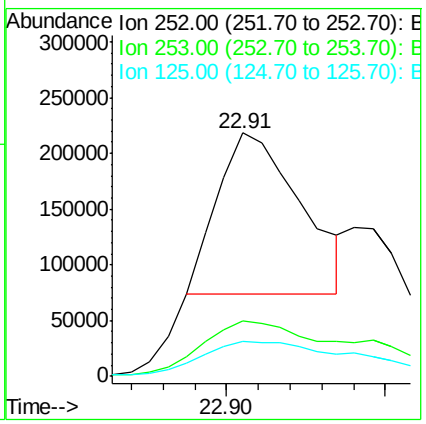


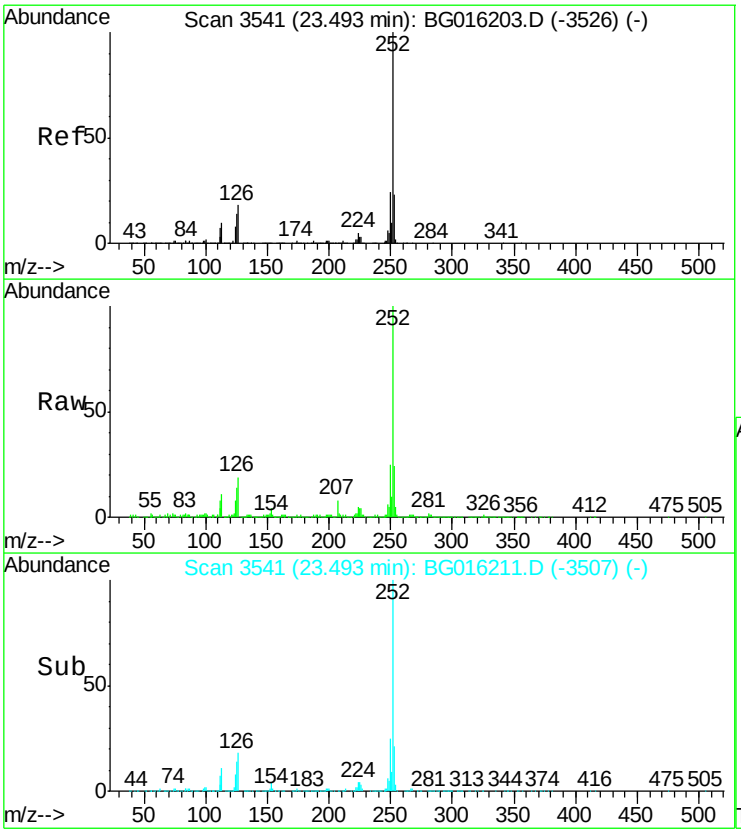
#86
Benzo(k)fluoranthene
Concen: 12.99 ng/ul
RT: 22.91 min Scan# 3441
Delta R.T. -0.04 min
Lab File: BG016211.D
Acq: 31 Mar 2015 21:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 262457

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.6	28.0
125	14.5	11.8	17.6

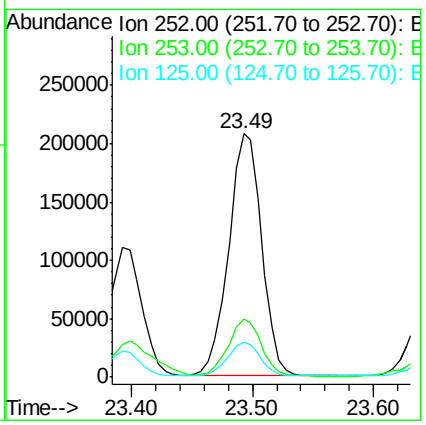


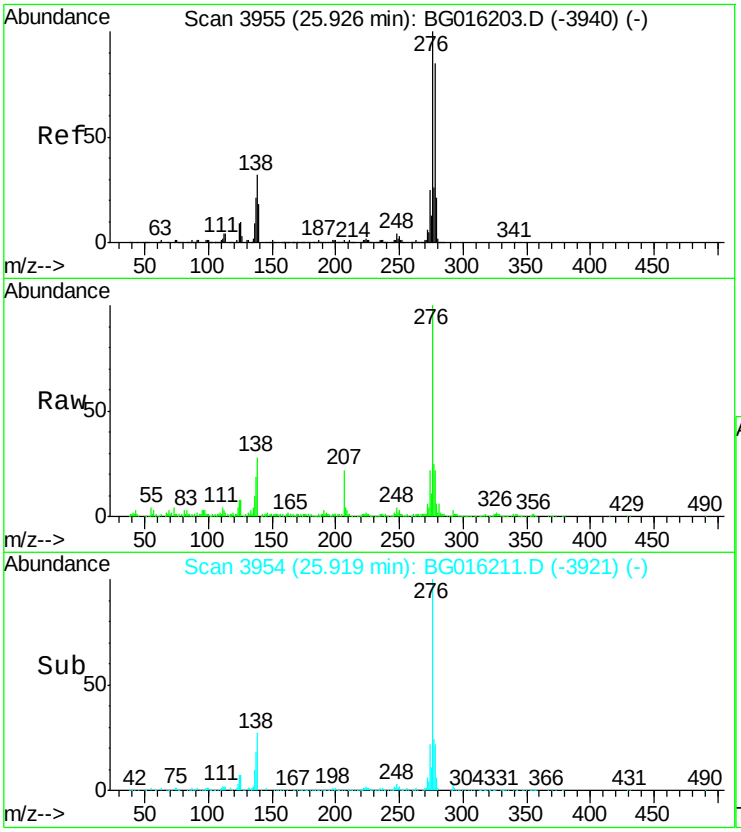


#88
Benzo(a)pyrene
Concen: 19.70 ng/ul
RT: 23.49 min Scan# 3541
Delta R.T. -0.00 min
Lab File: BG016211.D
Acq: 31 Mar 2015 21:47

Tgt Ion:252 Resp: 393919

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.7	26.5
125	14.3	12.1	18.1



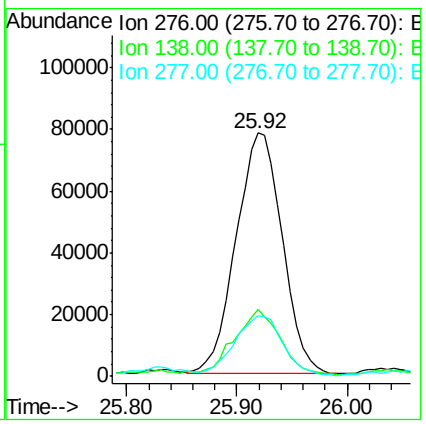


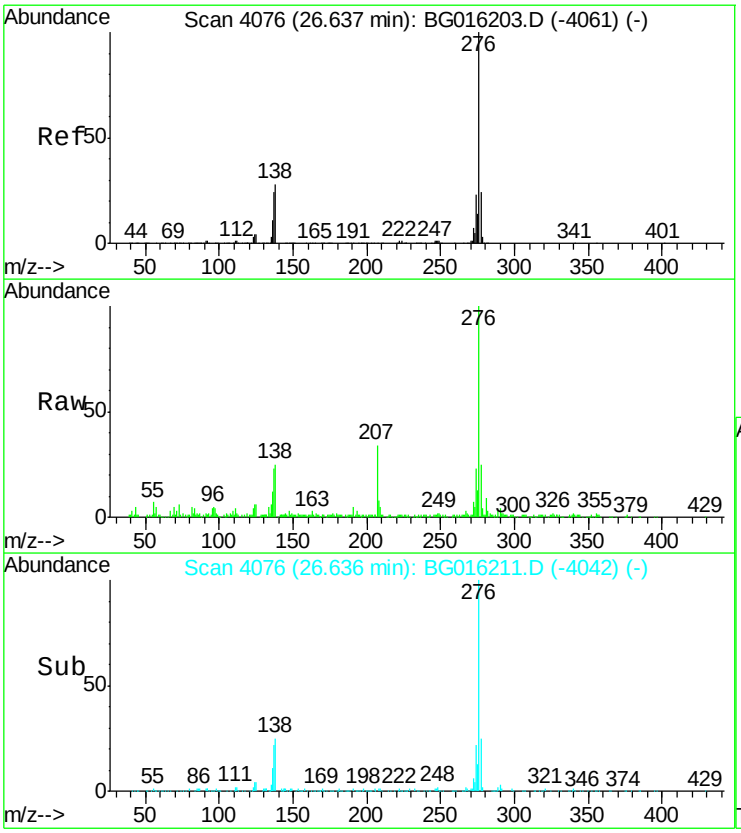
#89
Indeno(1,2,3-cd)pyrene
Concen: 9.81 ng/ul
RT: 25.92 min Scan# 3954
Delta R.T. -0.01 min
Lab File: BG016211.D
Acq: 31 Mar 2015 21:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 229192

Ion	Ratio	Lower	Upper
276	100		
138	27.7	27.0	40.6
277	24.7	21.8	32.6





#91
Benzo(g,h,i)perylene
Concen: 8.47 ng/ul
RT: 26.64 min Scan# 4076
Delta R.T. -0.00 min
Lab File: BG016211.D
Acq: 31 Mar 2015 21:47

Tgt Ion:276 Resp: 161798

Ion	Ratio	Lower	Upper
276	100		
138	25.1	21.0	31.6
277	25.2	19.2	28.8