Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072315\
Data File : BG018078.D
Acq On : 23 Jul 2015 23:13
Operator : TP/UM
Sample : G3035-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 24 01:34:38 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 01:33:04 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	51424	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	261081	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	176735	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	379474	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	377860	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	377875	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	1583	1.92	ng/uL	0.00
5) Phenol-d5	6.69	99	47938	12.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	25104	12.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	44757	12.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	25033	7.12	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	24822	12.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	27052	12.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	45460	11.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.44	131	36564	8.29	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	152623	12.30	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	196012	12.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	25558	9.79	ng/ul	0.00
58) Fluorene-d10	15.18	176	145394	12.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	20410	8.41	ng/ul	0.00
71) Anthracene-d10	17.03	188	204730	12.46	ng/ul	0.00
79) Pyrene-d10	19.34	212	208545	12.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.18	264	188382	10.45	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.33	105	12508	2.52	ng/ul	97
45) Dimethylphthalate	13.65	163	57483	4.60	ng/ul	99
70) Phenanthrene	16.98	178	191780	10.06	ng/ul	97
72) Anthracene	16.98	178	191780	9.91	ng/ul	98
77) Fluoranthene	19.00	202	351581	17.31	ng/ul	99
80) Pyrene	19.37	202	317055	14.65	ng/ul	99
83) Benzo(a)anthracene	21.12	228	146243	7.32	ng/ul	99
85) Chrysene	21.17	228	151099	8.03	ng/ul	97
88) Benzo(b)fluoranthene	22.67	252	191557	9.25	ng/ul	99
89) Benzo(k)fluoranthene	22.67	252	191557	9.56	ng/ul	99
91) Benzo(a)pyrene	23.22	252	136331	6.80	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.52	276	95915	4.15	ng/ul	95
94) Benzo(g,h,i)perylene	26.20	276	57583	3.01	ng/ul	95

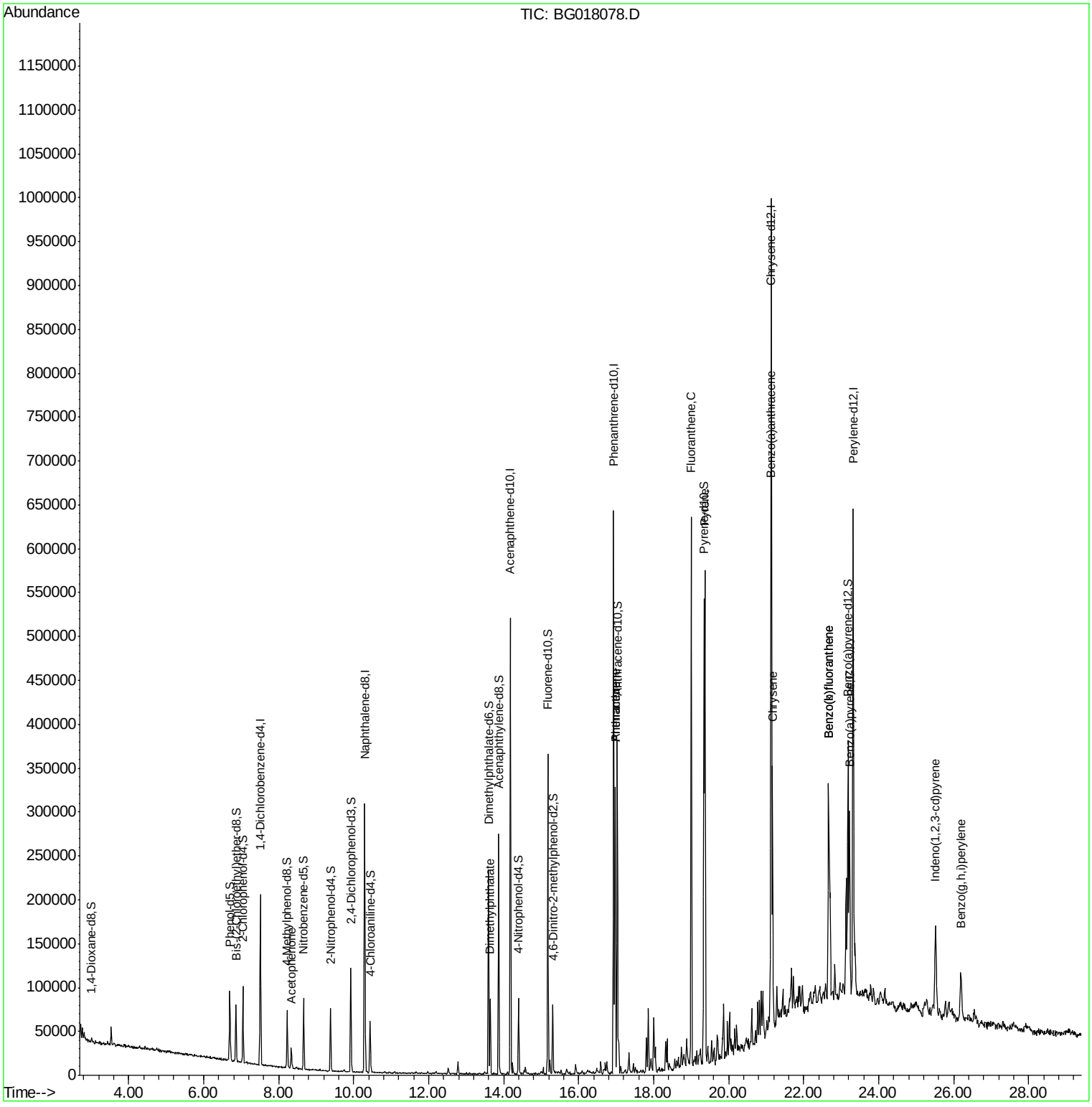
(#) = qualifier out of range (m) = manual integration (+) = signals summed

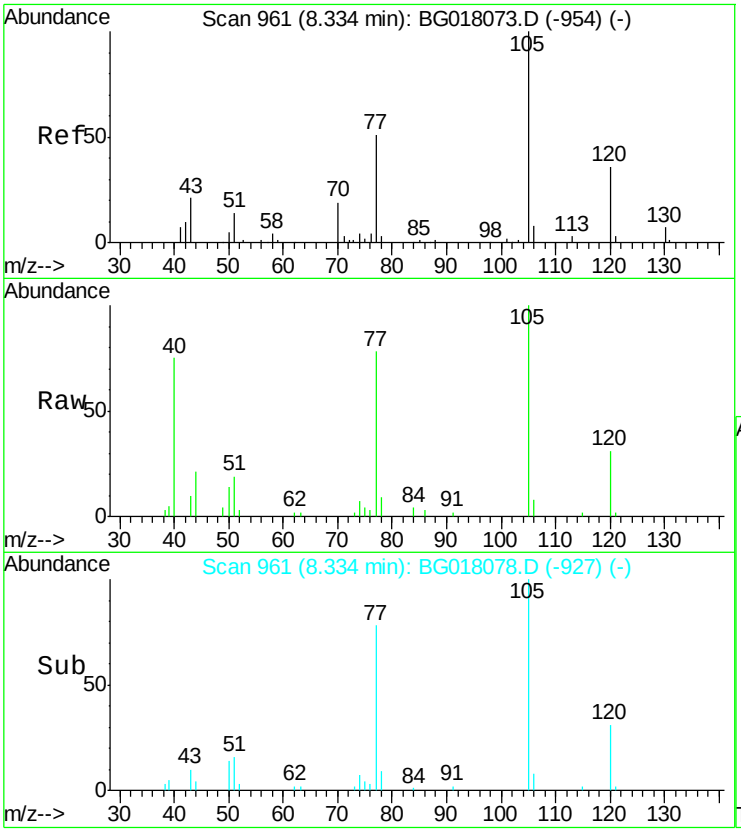
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072315\
Data File : BG018078.D
Acq On : 23 Jul 2015 23:13
Operator : TP/UM
Sample : G3035-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 24 01:34:38 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 01:33:04 2015
Response via : Initial Calibration



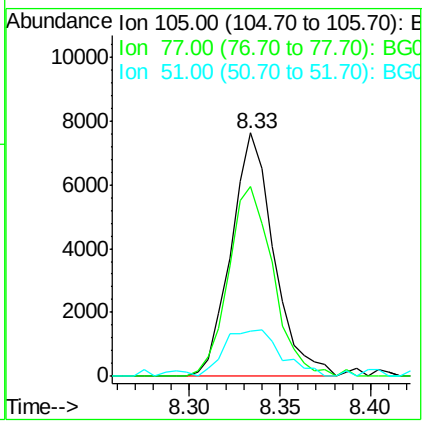


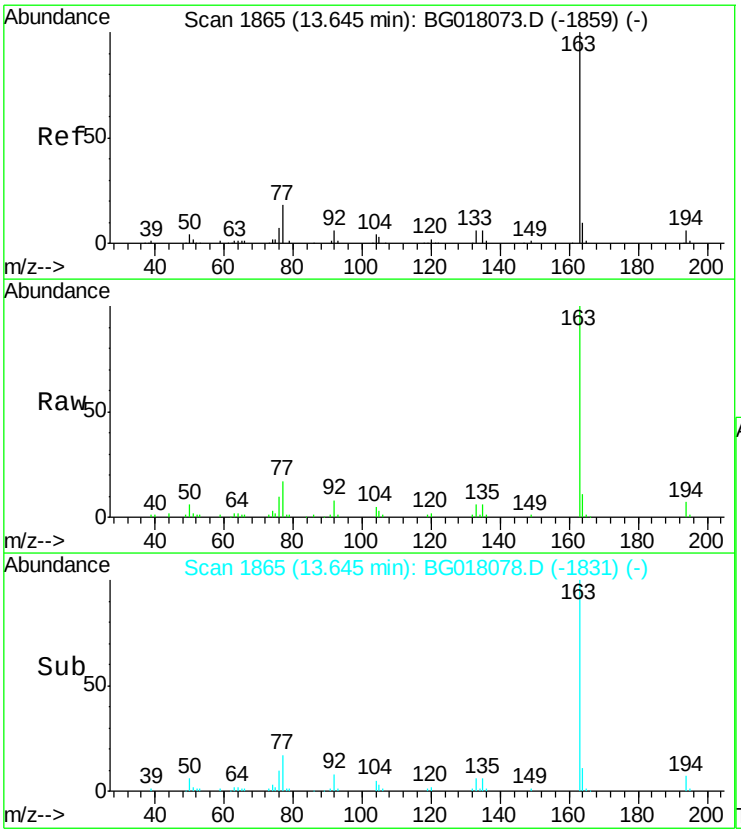
#14
Acetophenone
Concen: 2.52 ng/ul
RT: 8.33 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG018078.D
Acq: 23 Jul 2015 23:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:105 Resp: 12508

Ion	Ratio	Lower	Upper
105	100		
77	78.2	61.7	92.5
51	18.6	18.1	27.1

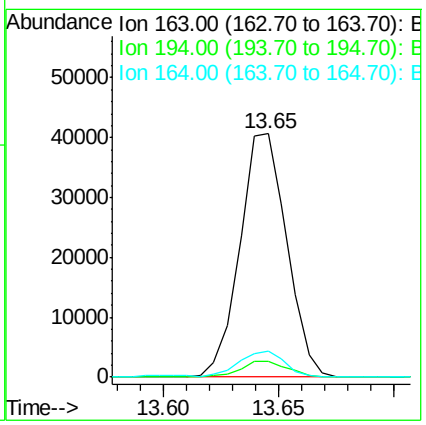


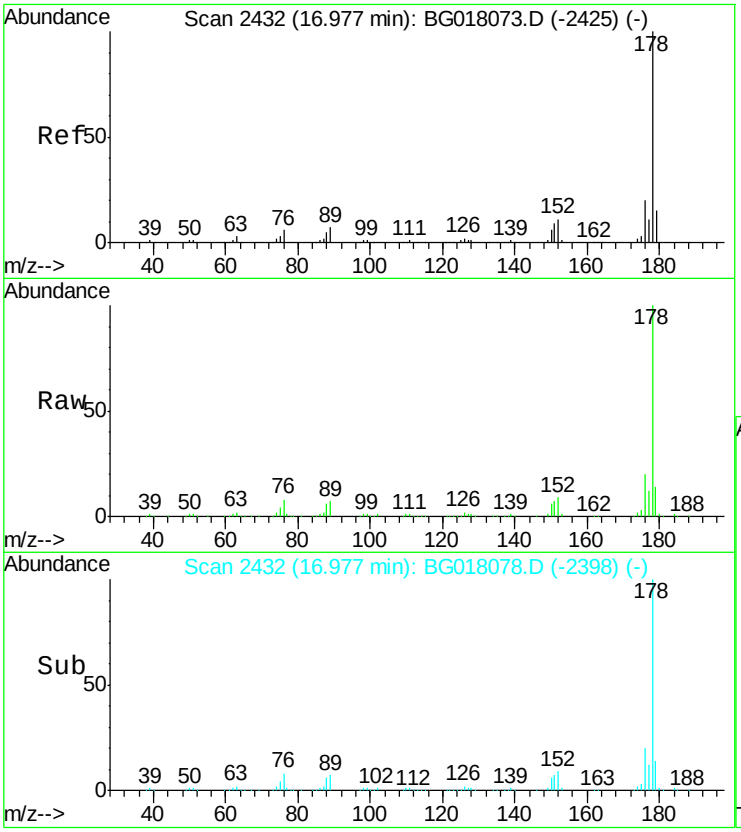


#45
Dimethylphthalate
Concen: 4.60 ng/ul
RT: 13.65 min Scan# 1865
Delta R.T. 0.00 min
Lab File: BG018078.D
Acq: 23 Jul 2015 23:13

Tgt Ion:163 Resp: 57483

Ion	Ratio	Lower	Upper
163	100		
194	6.6	5.4	8.2
164	10.5	8.7	13.1



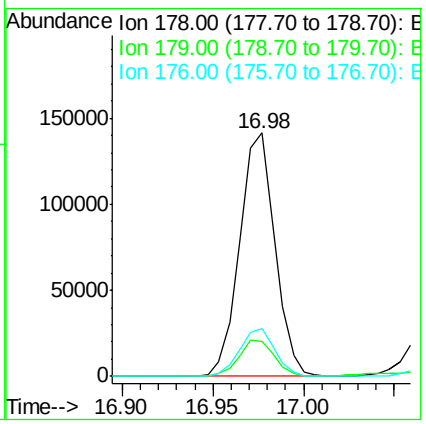


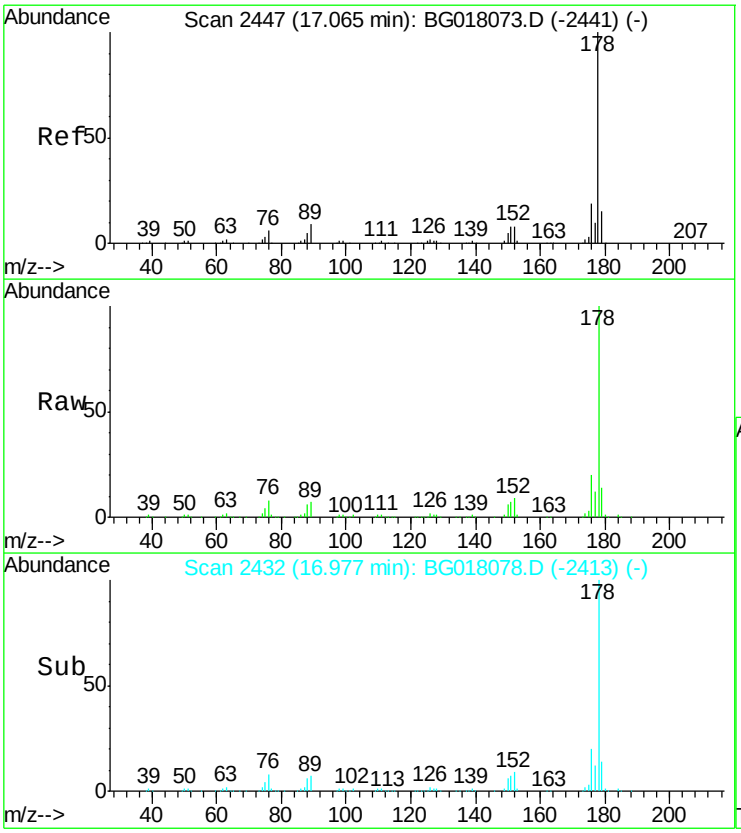
#70
Phenanthrene
Concen: 10.06 ng/ul
RT: 16.98 min Scan# 2432
Delta R.T. 0.00 min
Lab File: BG018078.D
Acq: 23 Jul 2015 23:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 191780

Ion	Ratio	Lower	Upper
178	100		
179	14.1	13.0	19.6
176	19.6	15.8	23.8

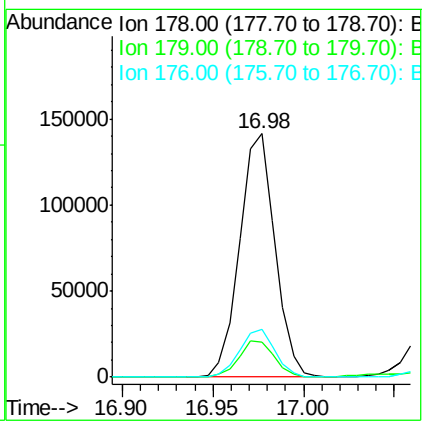


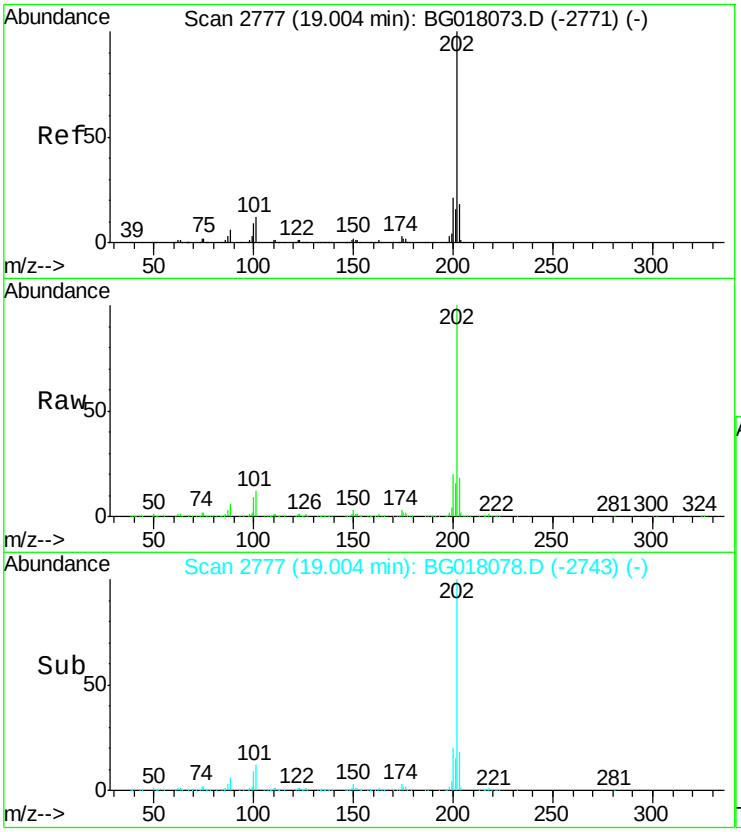


#72
Anthracene
Concen: 9.91 ng/ul
RT: 16.98 min Scan# 2432
Delta R.T. -0.09 min
Lab File: BG018078.D
Acq: 23 Jul 2015 23:13

Tgt Ion:178 Resp: 191780

Ion	Ratio	Lower	Upper
178	100		
179	14.1	12.4	18.6
176	19.6	15.8	23.8



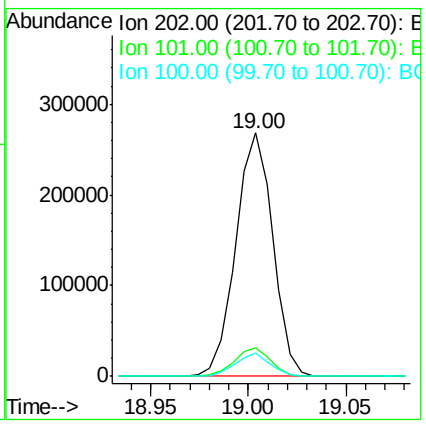


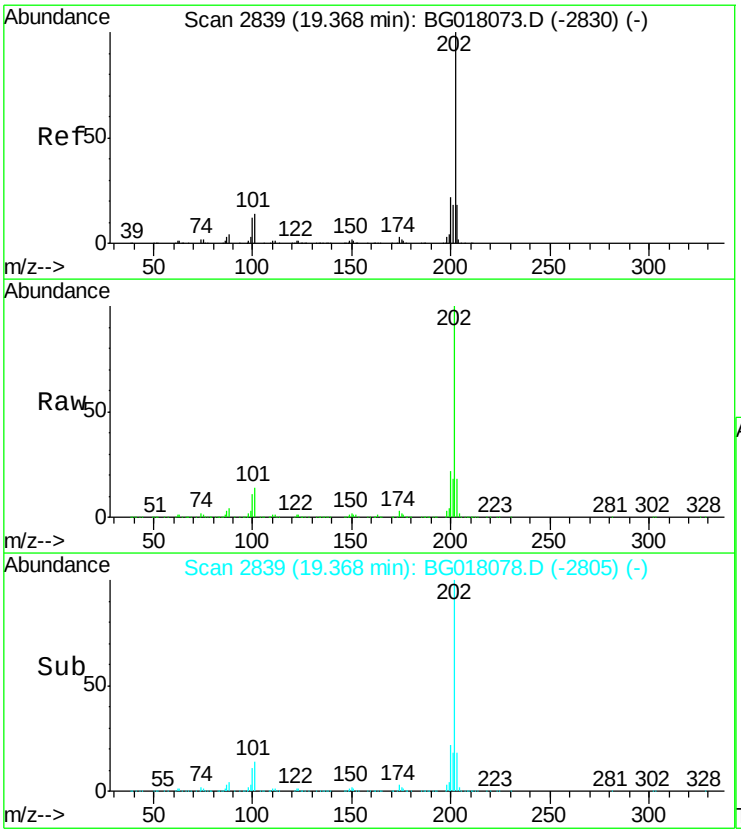
#77
Fluoranthene
Concen: 17.31 ng/ul
RT: 19.00 min Scan# 2777
Delta R.T. 0.00 min
Lab File: BG018078.D
Acq: 23 Jul 2015 23:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 351581

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.1	13.7
100	9.4	7.5	11.3

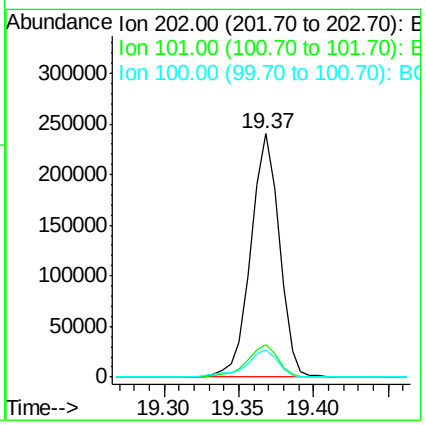


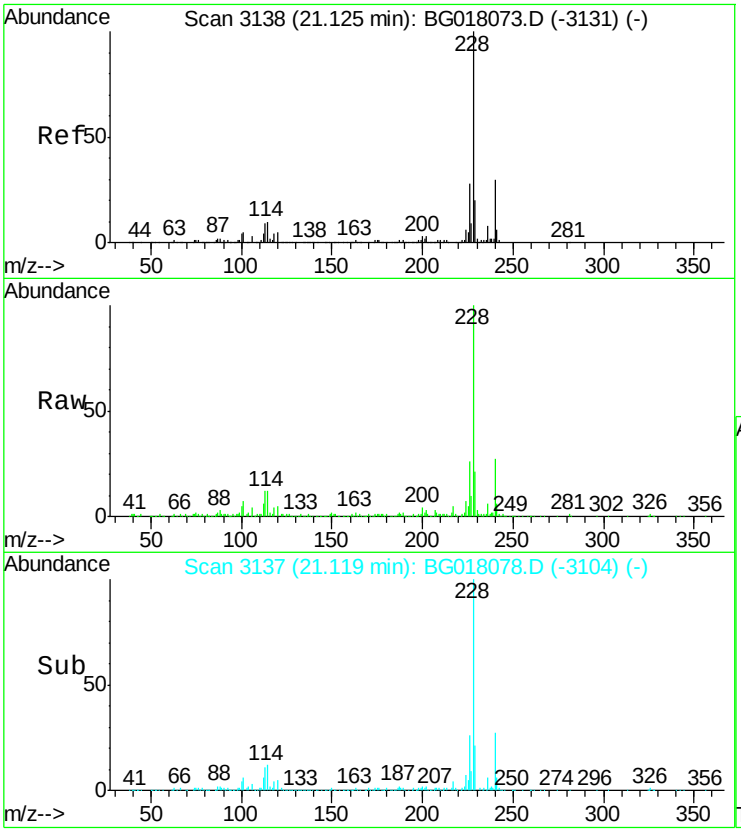


#80
Pyrene
Concen: 14.65 ng/ul
RT: 19.37 min Scan# 2839
Delta R.T. 0.00 min
Lab File: BG018078.D
Acq: 23 Jul 2015 23:13

Tgt Ion:202 Resp: 317055

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.9	16.3
100	11.4	8.5	12.7



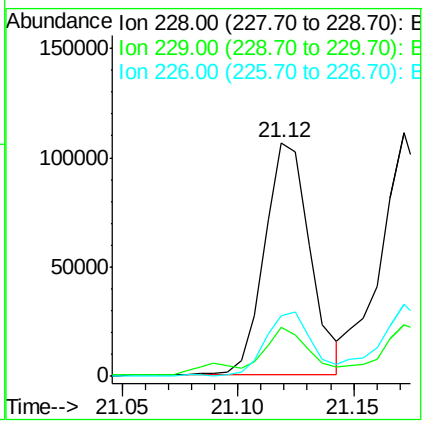


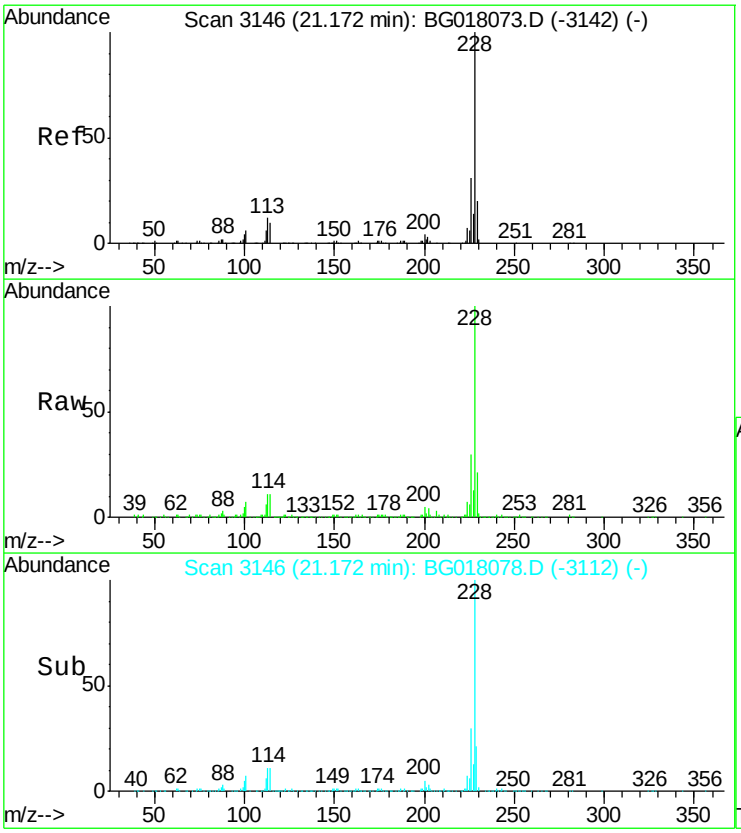
#83
Benzo(a)anthracene
Concen: 7.32 ng/ul
RT: 21.12 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG018078.D
Acq: 23 Jul 2015 23:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 146243

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.6	24.8
226	25.9	21.1	31.7

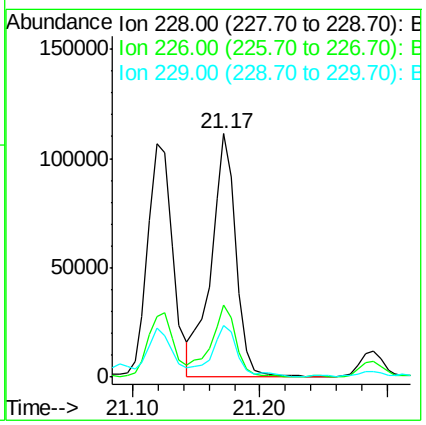


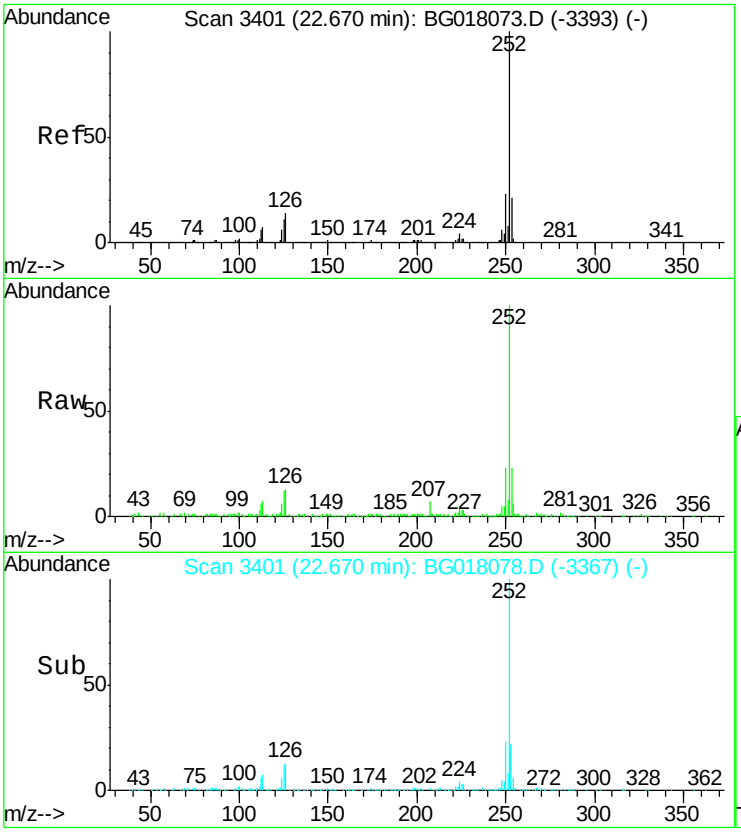


#85
Chrysene
Concen: 8.03 ng/ul
RT: 21.17 min Scan# 3146
Delta R.T. 0.00 min
Lab File: BG018078.D
Acq: 23 Jul 2015 23:13

Tgt Ion:228 Resp: 151099

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.9	34.3
229	21.4	15.6	23.4



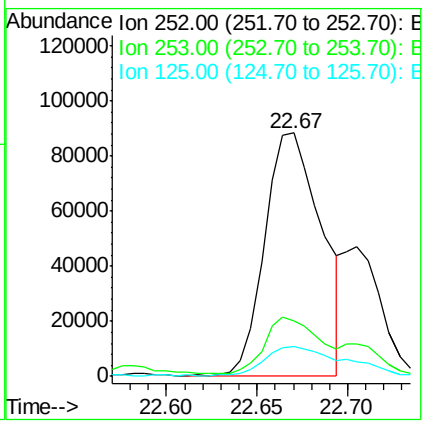


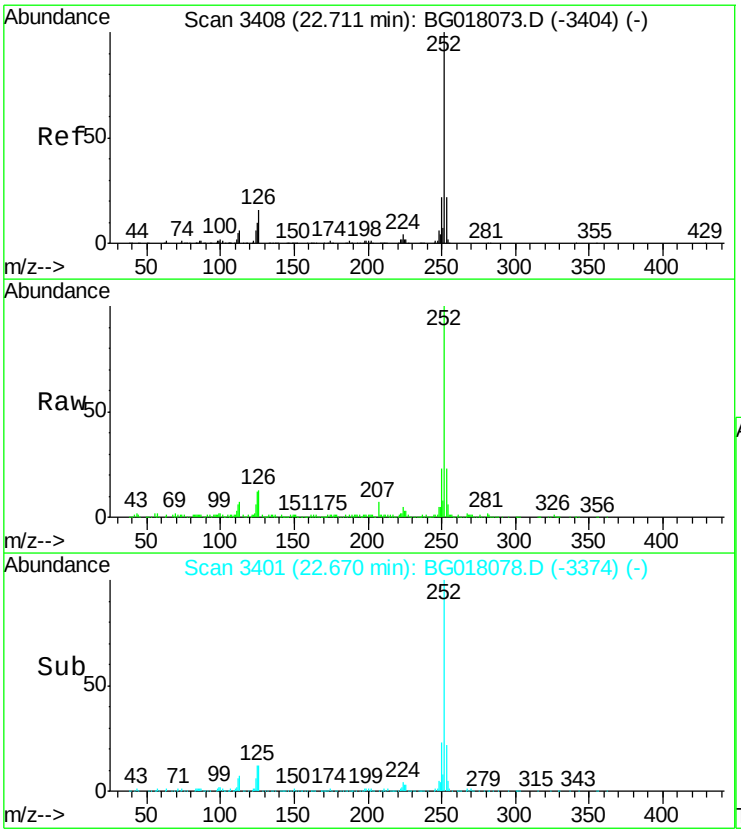
#88
Benzo(b)fluoranthene
Concen: 9.25 ng/ul
RT: 22.67 min Scan# 3401
Delta R.T. 0.00 min
Lab File: BG018078.D
Acq: 23 Jul 2015 23:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 191557

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.5	27.7
125	12.3	9.1	13.7

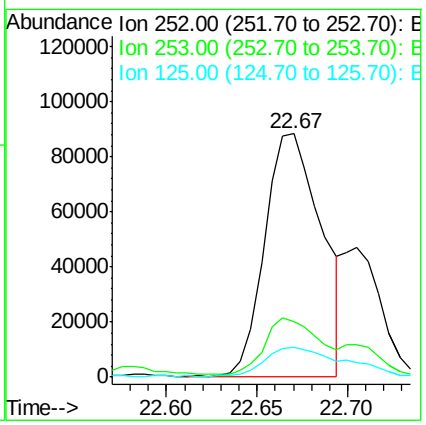


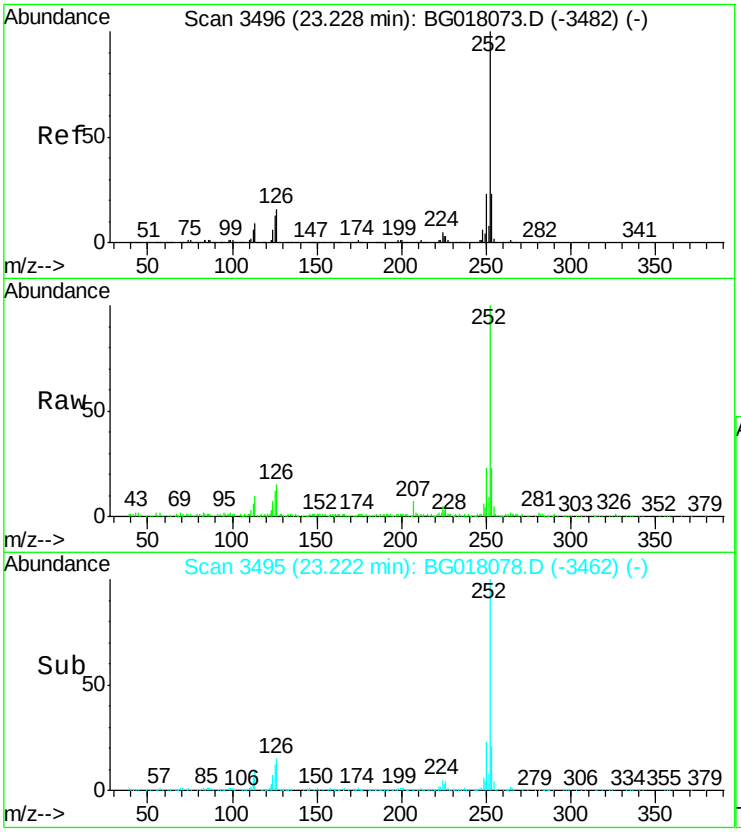


#89
Benzo(k)fluoranthene
Concen: 9.56 ng/ul
RT: 22.67 min Scan# 3401
Delta R.T. -0.04 min
Lab File: BG018078.D
Acq: 23 Jul 2015 23:13

Tgt Ion:252 Resp: 191557

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	12.3	9.3	13.9



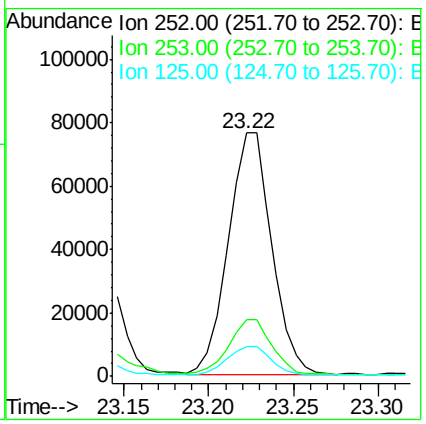


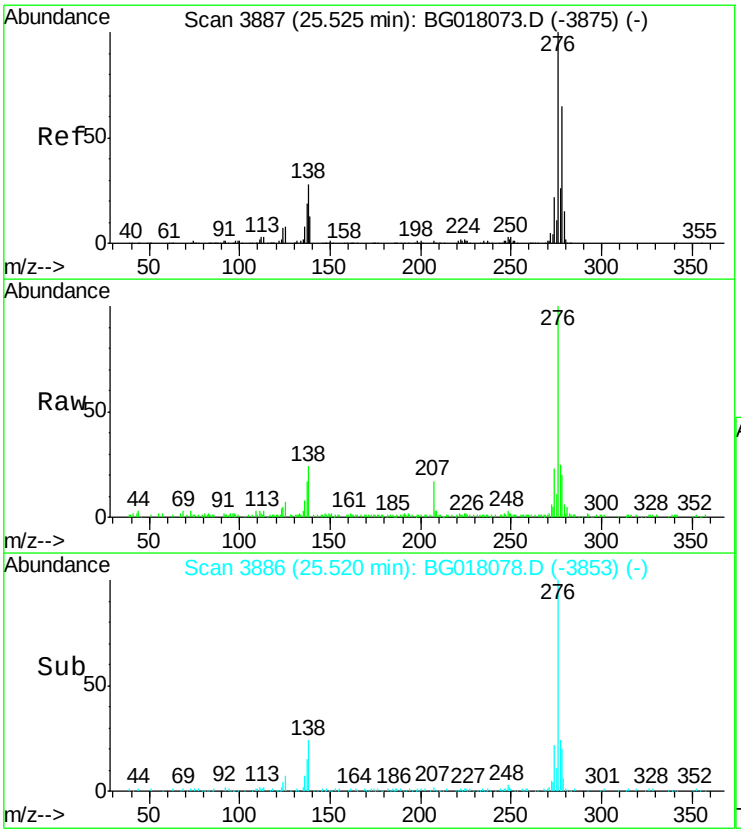
#91
Benzo(a)pyrene
Concen: 6.80 ng/ul
RT: 23.22 min Scan# 3495
Delta R.T. -0.01 min
Lab File: BG018078.D
Acq: 23 Jul 2015 23:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 136331

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	12.1	10.2	15.2

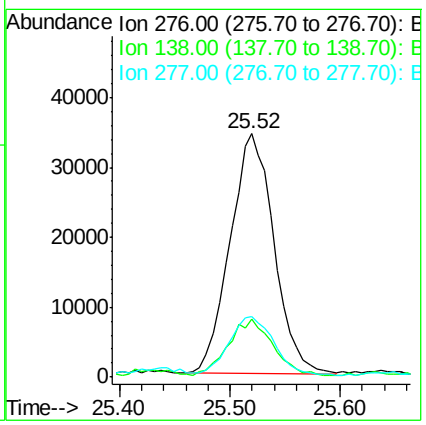


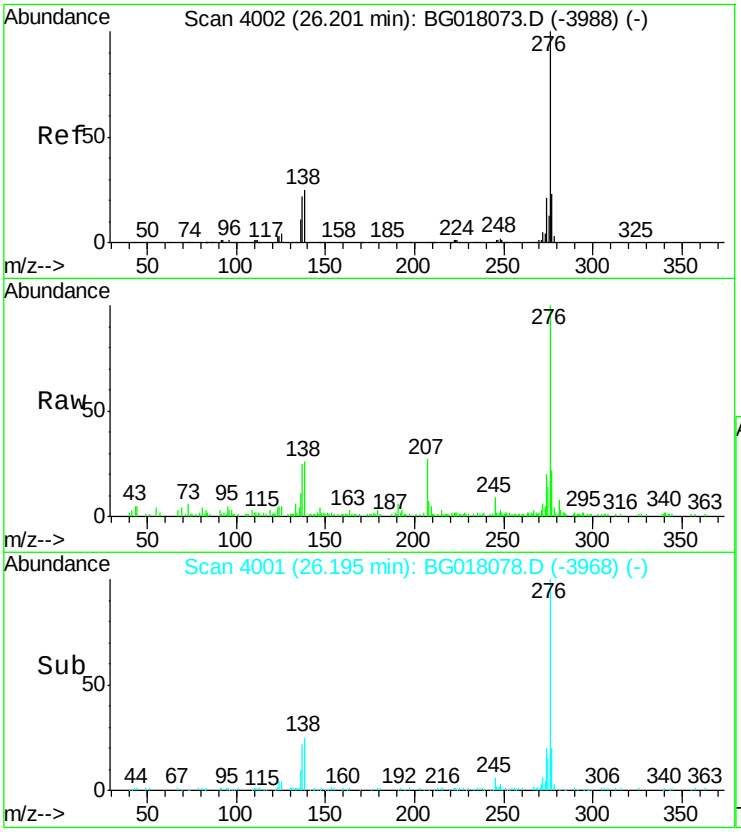


#92
Indeno(1,2,3-cd)pyrene
Concen: 4.15 ng/ul
RT: 25.52 min Scan# 3886
Delta R.T. -0.01 min
Lab File: BG018078.D
Acq: 23 Jul 2015 23:13

Tgt Ion:276 Resp: 95915

Ion	Ratio	Lower	Upper
276	100		
138	23.8	22.6	33.8
277	24.9	19.8	29.8





#94
Benzo(g,h,i)perylene
Concen: 3.01 ng/ul
RT: 26.20 min Scan# 4001
Delta R.T. -0.01 min
Lab File: BG018078.D
Acq: 23 Jul 2015 23:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 57583

Ion	Ratio	Lower	Upper
276	100		
138	26.1	18.8	28.2
277	22.2	19.3	28.9