Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018236.D
Acq On : 2 Aug 2015 21:05
Operator : TP
Sample : G3073-12RE
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0RE

Quant Time: Aug 03 06:04:52 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 05:58:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	105310	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	449674	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.16	164	278629	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.02	188	393367	20.00	ng/ul	0.11
78) Chrysene-d12	21.29	240	558	20.00	ng/ul	0.17
86) Perylene-d12	23.33	264	343813	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.96	96	3687	2.64	ng/uL	0.00
5) Phenol-d5	6.69	99	154830	16.35	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.82	67	76213	15.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	136236	19.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	127062	16.48	ng/ul	0.01
19) Nitrobenzene-d5	8.64	128	74030	20.90	ng/ul	0.01
22) 2-Nitrophenol-d4	9.36	143	75313	18.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	151567	21.10	ng/ul	0.02
29) 4-Chloroaniline-d4	10.47	131	996	0.11	ng/ul	0.07
44) Dimethylphthalate-d6	13.58	166	426913	19.83	ng/ul	0.01
47) Acenaphthylene-d8	13.85	160	479200	19.19	ng/ul	0.01
52) 4-Nitrophenol-d4	14.42	143	51075	12.82	ng/ul	0.03
58) Fluorene-d10	15.16	176	334055	17.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	125	0.05	ng/ul	0.11
71) Anthracene-d10	17.02	188	393500	23.01	ng/ul	0.01
79) Pyrene-d10	19.46	212	482	17.85	ng/ul	0.14
90) Benzo(a)pyrene-d12	23.19	264	280149	16.11	ng/ul	0.04
Target Compounds						Qvalue
28) Naphthalene	10.31	128	31754	1.47	ng/ul	98
45) Dimethylphthalate	13.62	163	225902	10.55	ng/ul	99
70) Phenanthrene	17.05	178	49149	2.46	ng/ul	96
72) Anthracene	17.05	178	48143	2.42	ng/ul	98
80) Pyrene	19.50	202	831	24.55	ng/ul#	78
81) Butylbenzylphthalate	20.43	149	1488	108.23	ng/ul#	1
82) 3,3'-Dichlorobenzidine	21.21	252	452	38.41	ng/ul#	28
83) Benzo(a)anthracene	21.17	228	201522	6706.25	ng/ul	93
84) Bis(2-ethylhexyl)phthalate	21.22	149	638	34.40	ng/ul#	74
85) Chrysene	21.17	228	201522	7321.23	ng/ul	94
88) Benzo(b)fluoranthene	22.67	252	296197	14.34	ng/ul	96
89) Benzo(k)fluoranthene	22.67	252	296197	15.60	ng/ul	95
91) Benzo(a)pyrene	23.23	252	189707	10.27	ng/ul	93
92) Indeno(1,2,3-cd)pyrene	25.53	276	94939	4.44	ng/ul#	84
93) Dibenzo(a,h)anthracene	25.54	278	25982	1.42	ng/ul#	90
94) Benzo(g,h,i)perylene	26.22	276	70761	4.05	ng/ul#	90

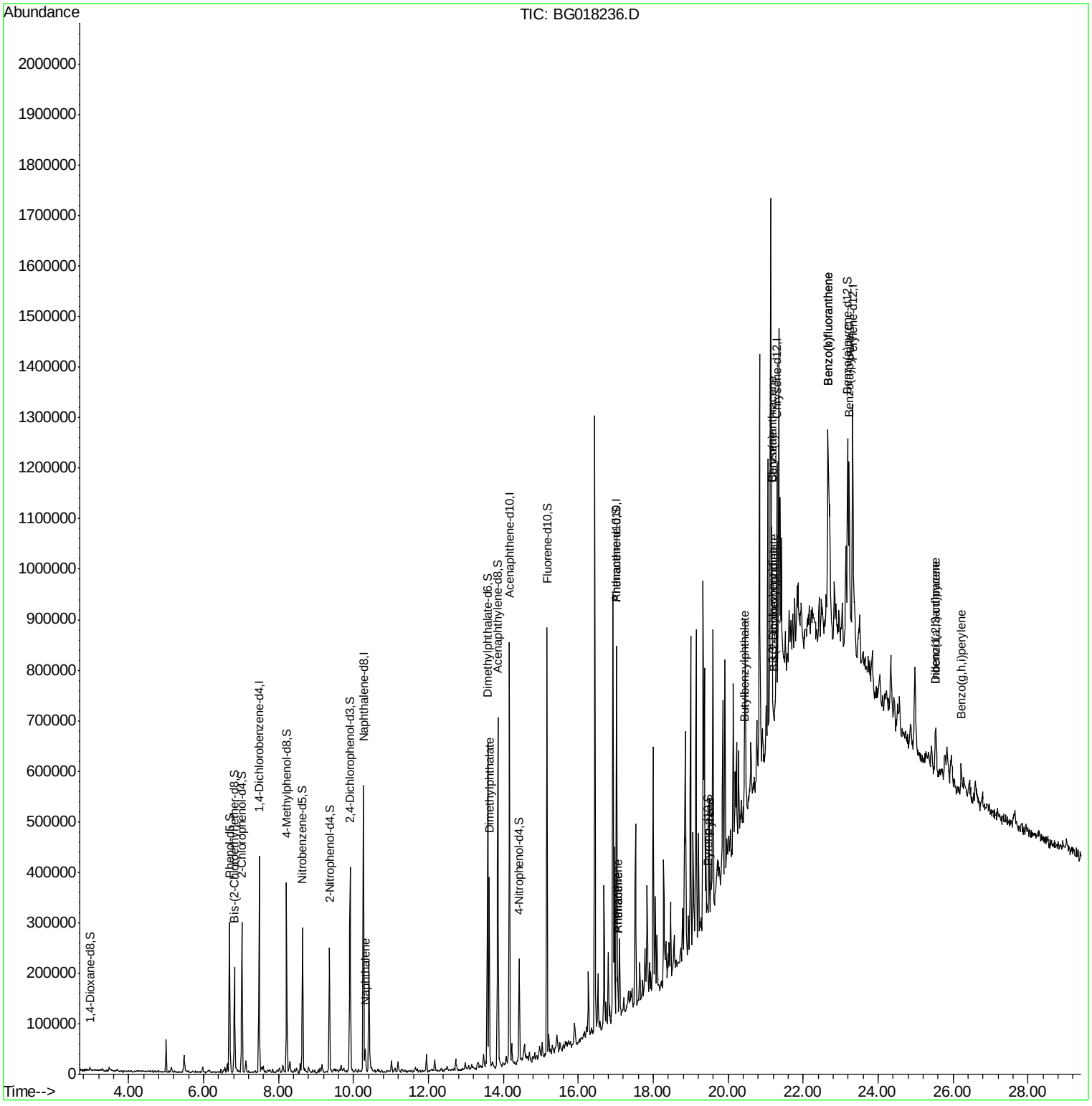
(#) = qualifier out of range (m) = manual integration (+) = signals summed

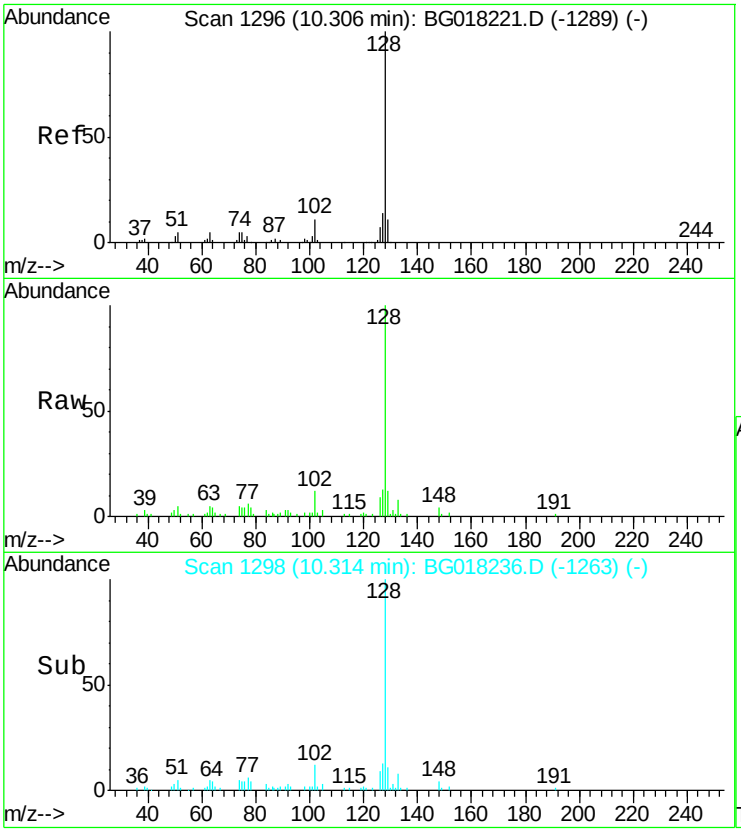
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018236.D
Acq On : 2 Aug 2015 21:05
Operator : TP
Sample : G3073-12RE
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01R0RE

Quant Time: Aug 03 06:04:52 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 05:58:42 2015
Response via : Initial Calibration



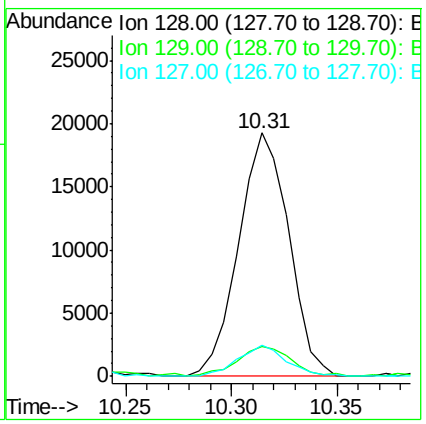


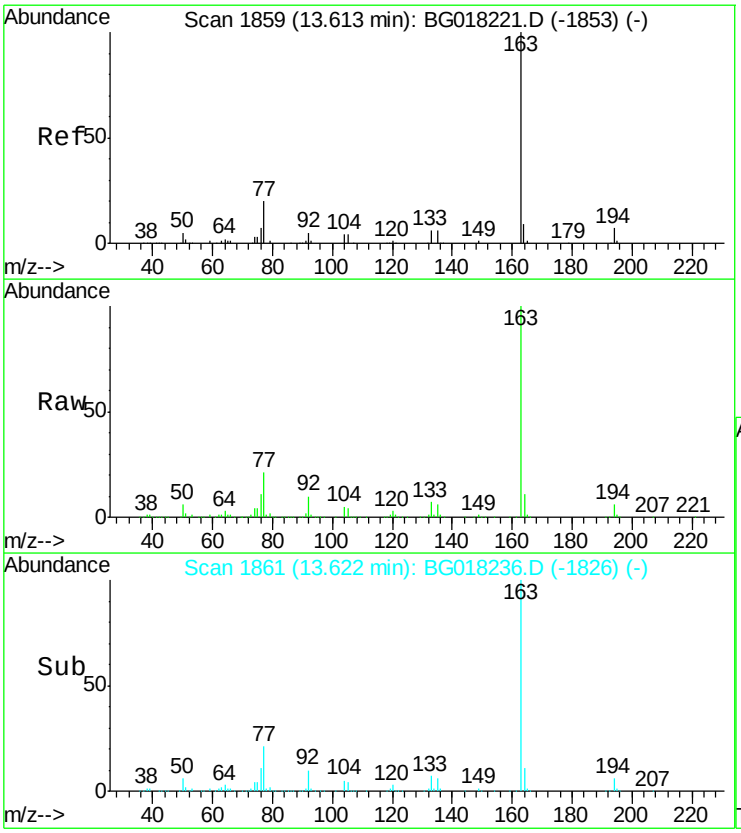
#28
Naphthalene
Concen: 1.47 ng/ul
RT: 10.31 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BG018236.D
Acq: 2 Aug 2015 21:05

Instrument :
BNA_G
ClientSampleId :
C01R0RE

Tgt Ion:128 Resp: 31754

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.1	13.7
127	13.0	11.2	16.8

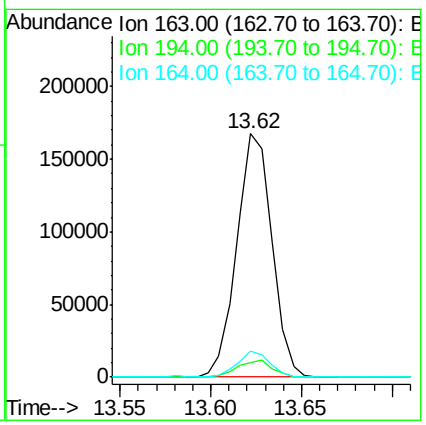


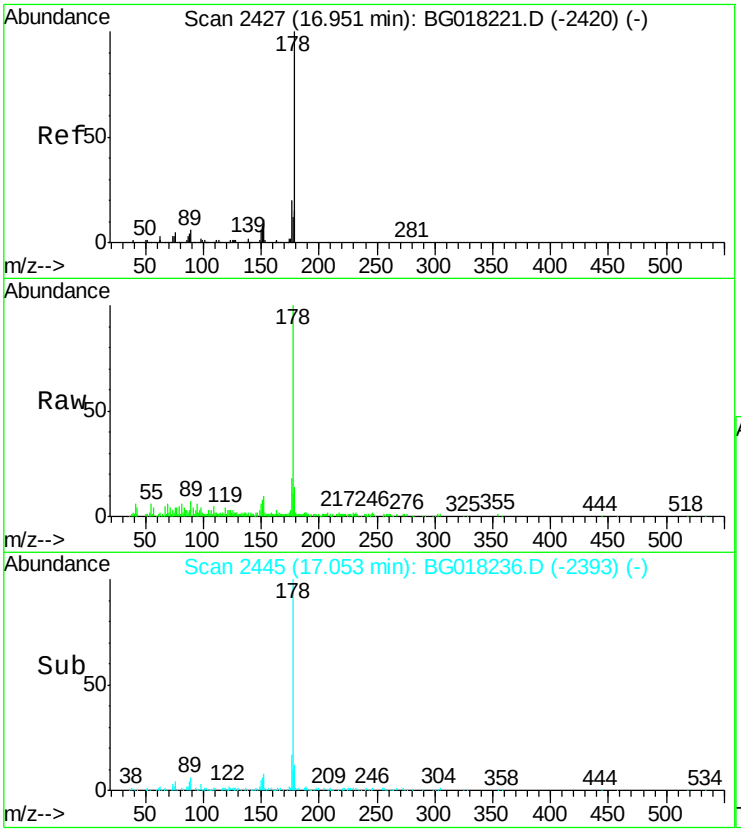


#45
Dimethylphthalate
Concen: 10.55 ng/ul
RT: 13.62 min Scan# 1861
Delta R.T. 0.01 min
Lab File: BG018236.D
Acq: 2 Aug 2015 21:05

Tgt Ion:163 Resp: 225902

Ion	Ratio	Lower	Upper
163	100		
194	6.0	5.2	7.8
164	10.6	8.4	12.6



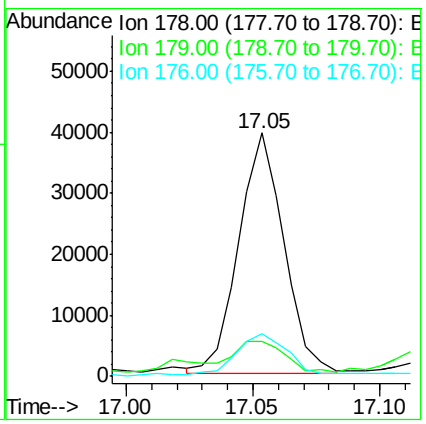


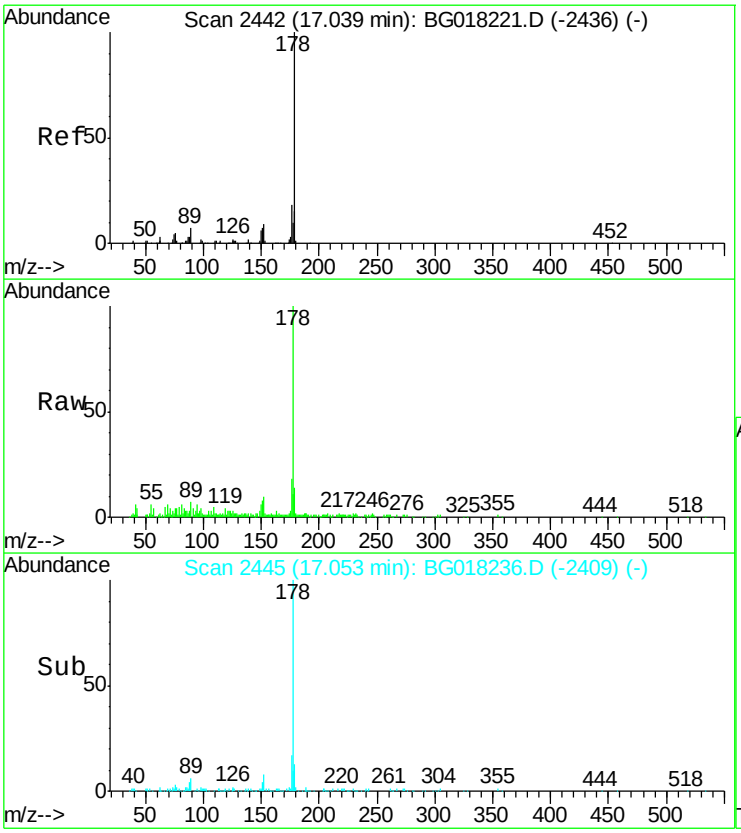
#70
Phenanthrene
Concen: 2.46 ng/ul
RT: 17.05 min Scan# 2445
Delta R.T. 0.10 min
Lab File: BG018236.D
Acq: 2 Aug 2015 21:05

Instrument :
BNA_G
ClientSampleId :
C01R0RE

Tgt Ion:178 Resp: 49149

Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.8	19.2
176	17.7	16.0	24.0

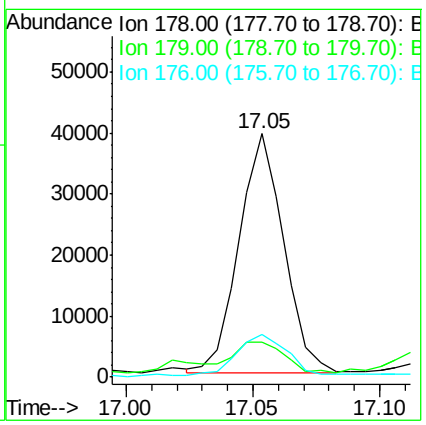


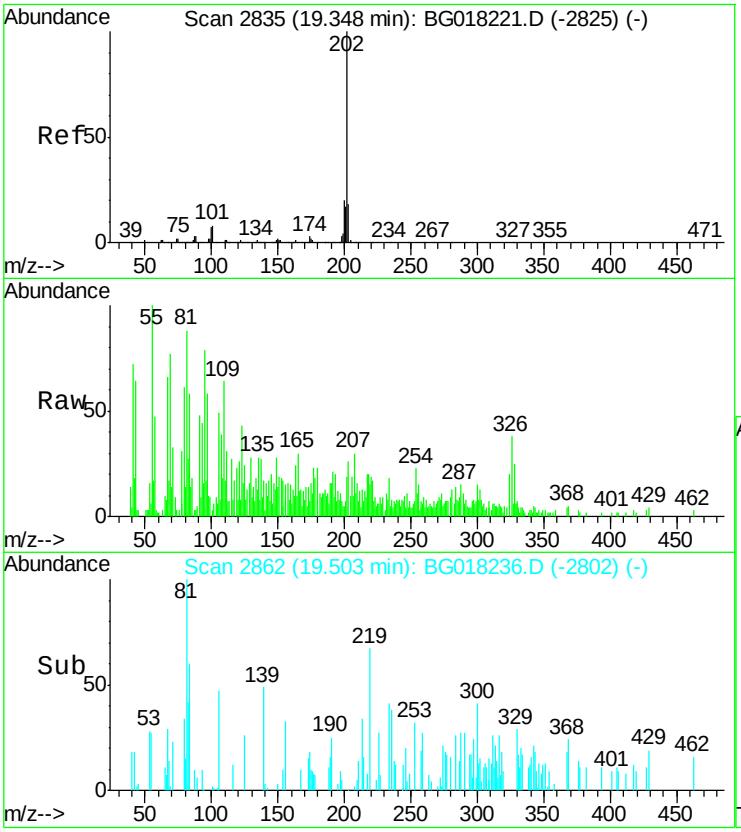


#72
Anthracene
Concen: 2.42 ng/ul
RT: 17.05 min Scan# 2445
Delta R.T. 0.01 min
Lab File: BG018236.D
Acq: 2 Aug 2015 21:05

Tgt Ion:178 Resp: 48143

Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.2	18.2
176	17.7	14.8	22.2



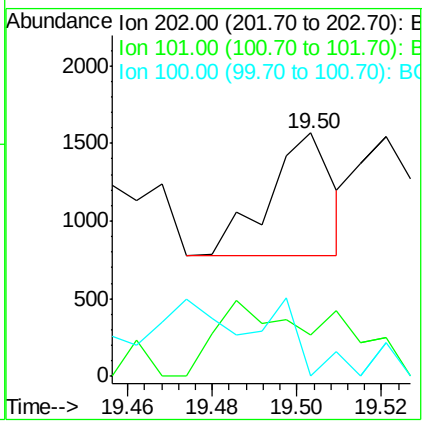


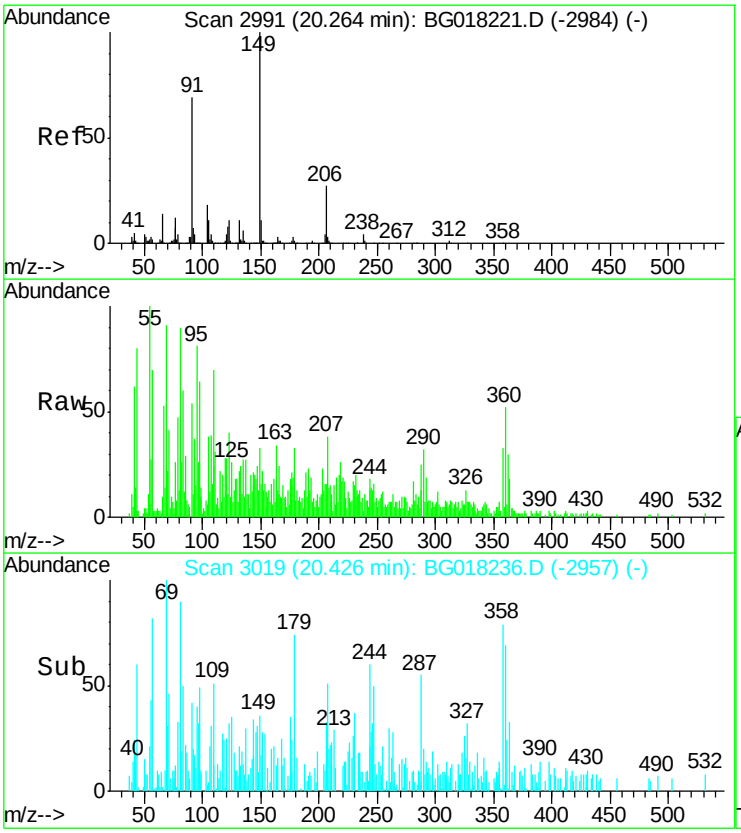
#80
Pyrene
Concen: 24.55 ng/ul
RT: 19.50 min Scan# 2862
Delta R.T. 0.16 min
Lab File: BG018236.D
Acq: 2 Aug 2015 21:05

Instrument :
BNA_G
ClientSampleId :
C01R0RE

Tgt Ion:202 Resp: 831

Ion	Ratio	Lower	Upper
202	100		
101	16.8	8.1	12.1#
100	0.0	7.4	11.0#

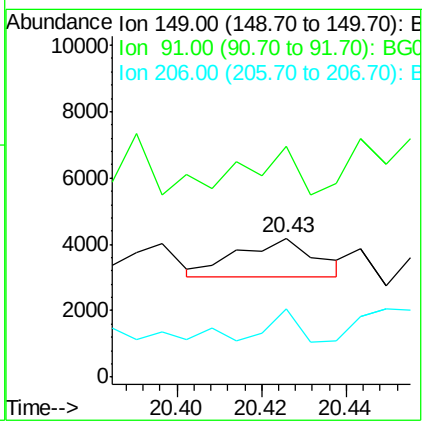


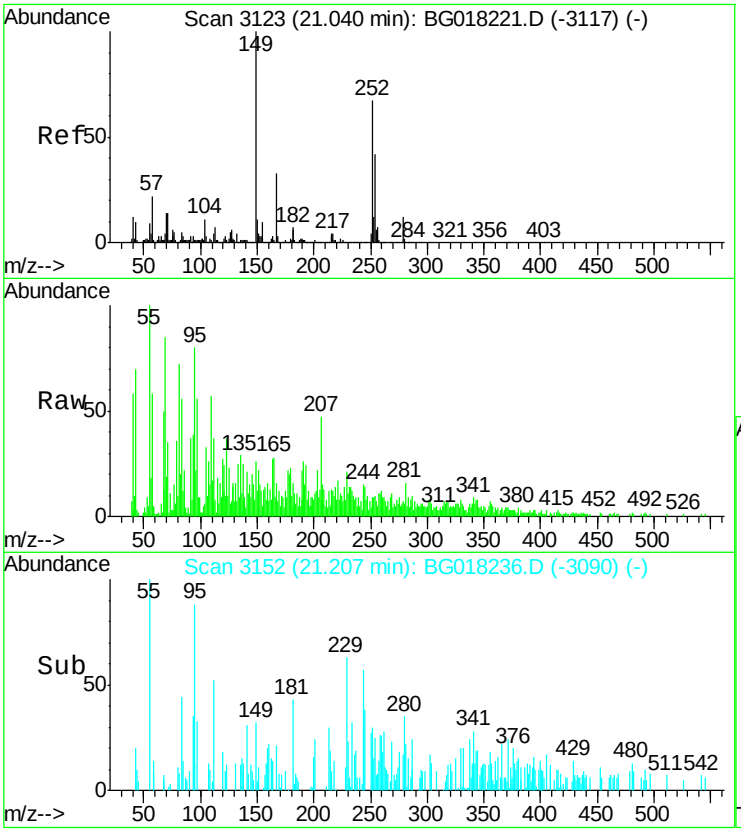


#81
Butylbenzylphthalate
Concen: 108.23 ng/ul
RT: 20.43 min Scan# 3019
Delta R.T. 0.16 min
Lab File: BG018236.D
Acq: 2 Aug 2015 21:05

Tgt Ion:149 Resp: 1488

Ion	Ratio	Lower	Upper
149	100		
91	165.9	46.6	69.8#
206	49.1	21.8	32.8#



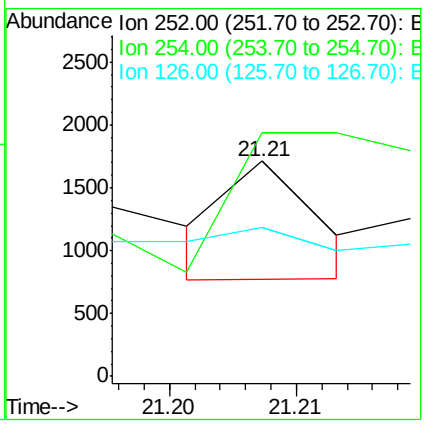


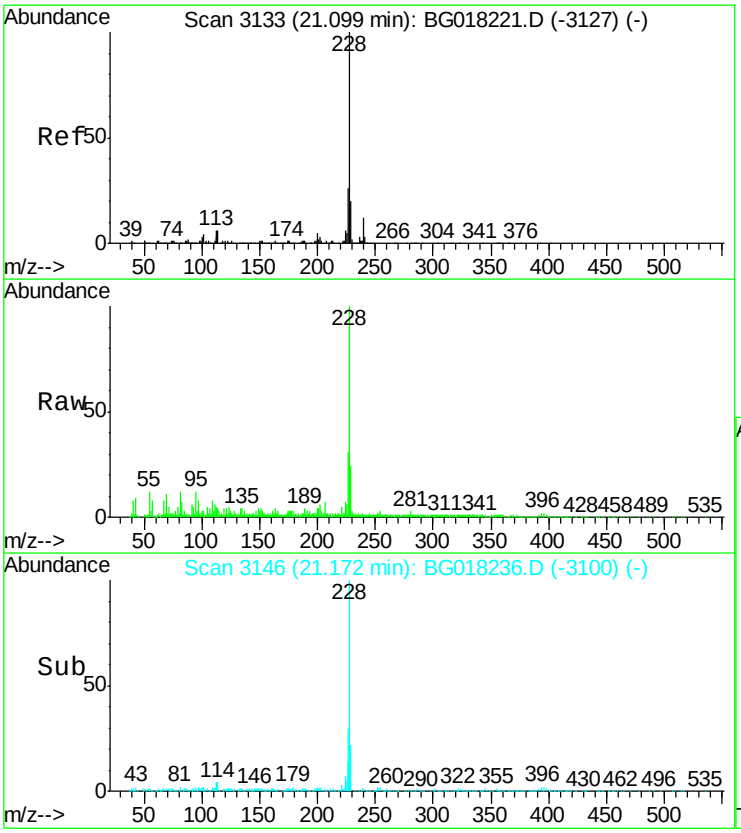
#82
3,3'-Dichlorobenzidine
Concen: 38.41 ng/ul
RT: 21.21 min Scan# 3152
Delta R.T. 0.17 min
Lab File: BG018236.D
Acq: 2 Aug 2015 21:05

Instrument :
BNA_G
ClientSampleId :
C01R0RE

Tgt Ion:252 Resp: 452

Ion	Ratio	Lower	Upper
252	100		
254	113.3	53.4	80.0#
126	69.4	8.7	13.1#

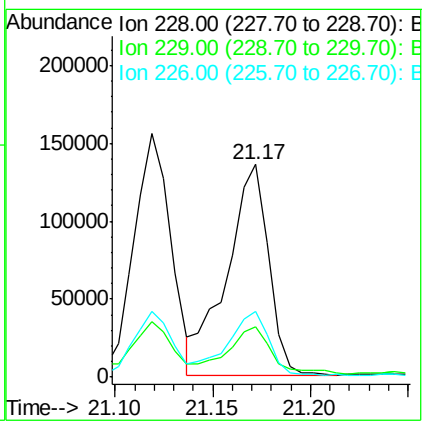


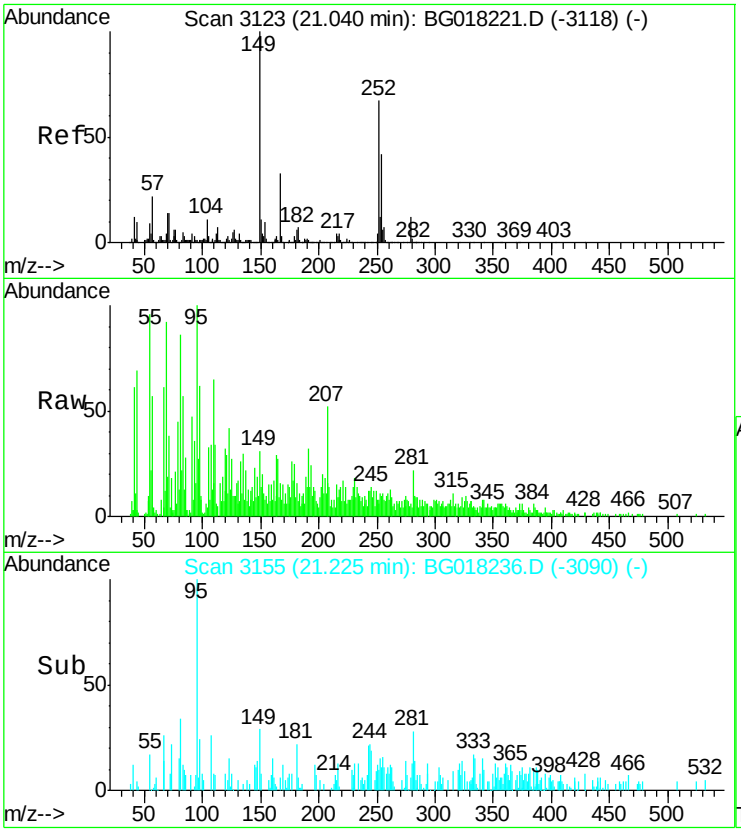


#83
Benzo(a)anthracene
Concen: 6706.25 ng/ul
RT: 21.17 min Scan# 3146
Delta R.T. 0.07 min
Lab File: BG018236.D
Acq: 2 Aug 2015 21:05

Tgt Ion:228 Resp: 201522

Ion	Ratio	Lower	Upper
228	100		
229	23.9	16.5	24.7
226	30.7	21.5	32.3



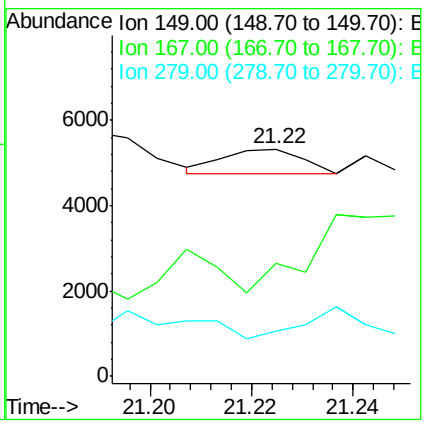


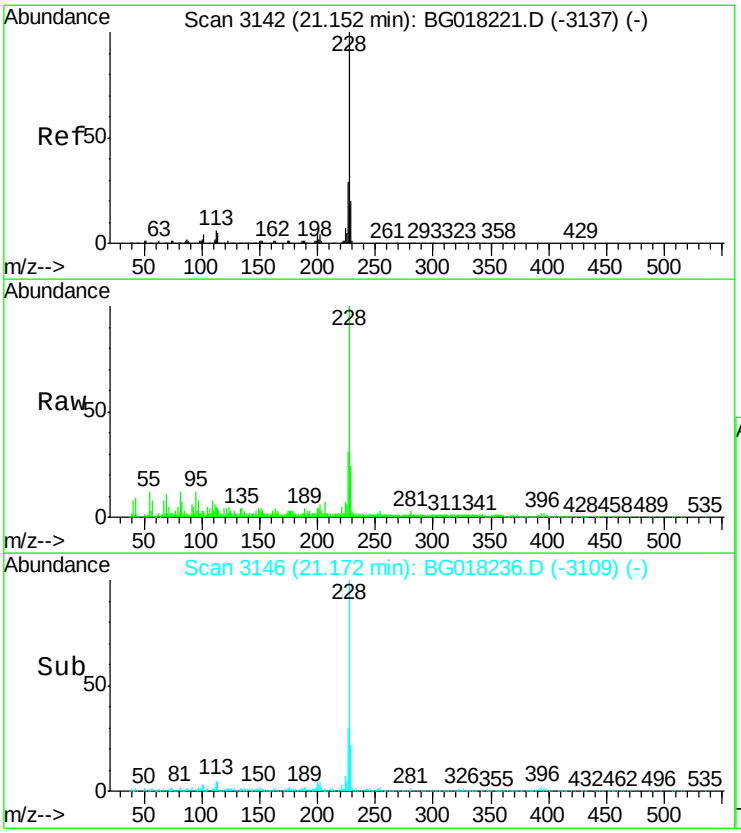
#84
Bis(2-ethylhexyl)phthalate
Concen: 34.40 ng/ul
RT: 21.22 min Scan# 3155
Delta R.T. 0.18 min
Lab File: BG018236.D
Acq: 2 Aug 2015 21:05

Instrument :
BNA_G
ClientSampleId :
C01R0RE

Tgt Ion:149 Resp: 638

Ion	Ratio	Lower	Upper
149	100		
167	49.7	27.4	41.2#
279	19.7	8.3	12.5#

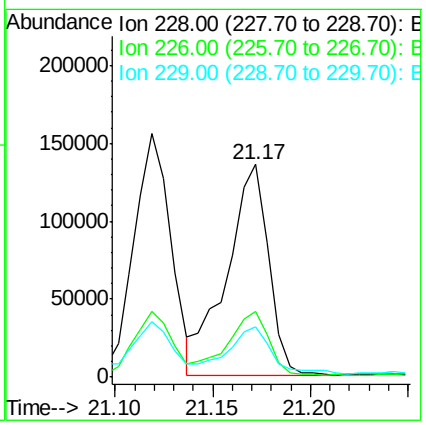


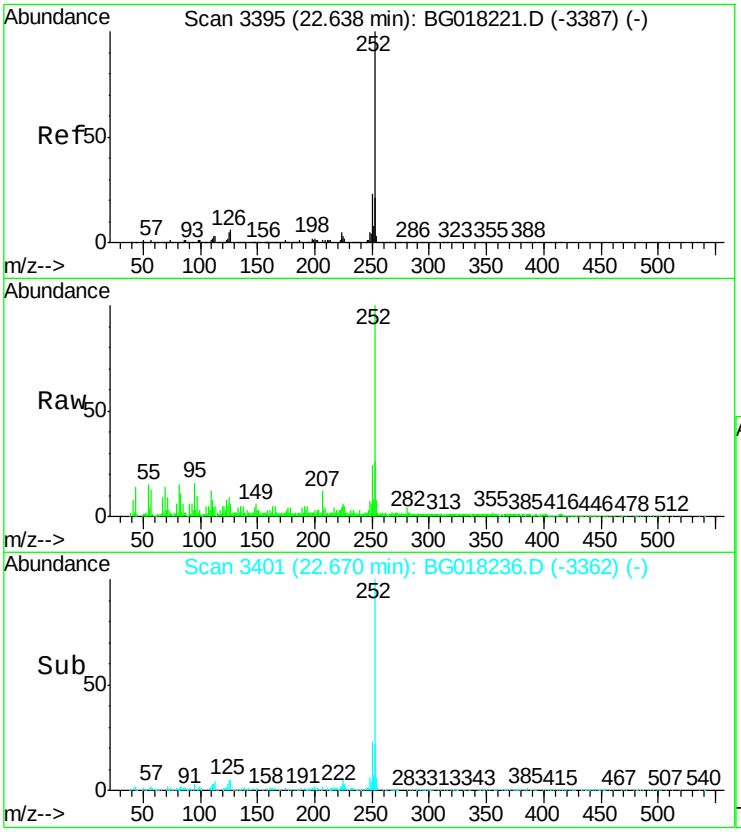


#85
Chrysene
Concen: 7321.23 ng/ul
RT: 21.17 min Scan# 3146
Delta R.T. 0.02 min
Lab File: BG018236.D
Acq: 2 Aug 2015 21:05

Tgt Ion:228 Resp: 201522

Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.7	34.1
229	23.9	16.2	24.2



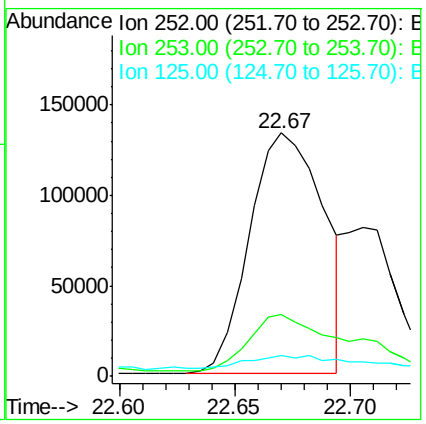


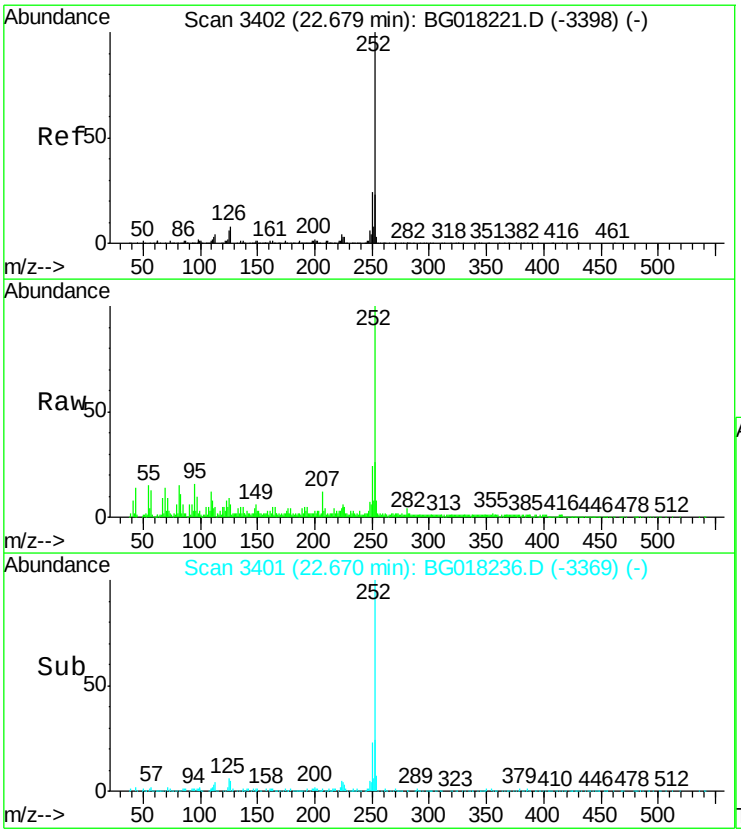
#88
Benzo(b)fluoranthene
Concen: 14.34 ng/ul
RT: 22.67 min Scan# 3401
Delta R.T. 0.03 min
Lab File: BG018236.D
Acq: 2 Aug 2015 21:05

Instrument :
BNA_G
ClientSampleId :
C01R0RE

Tgt Ion:252 Resp: 296197

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.5	27.7
125	8.7	7.4	11.0

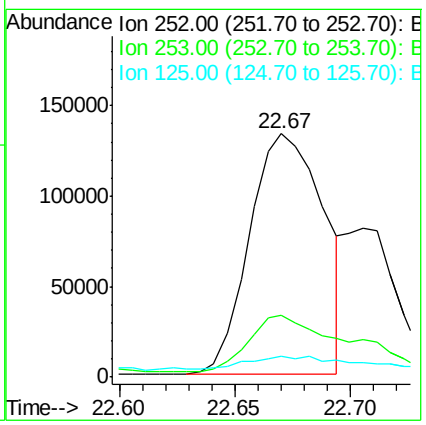


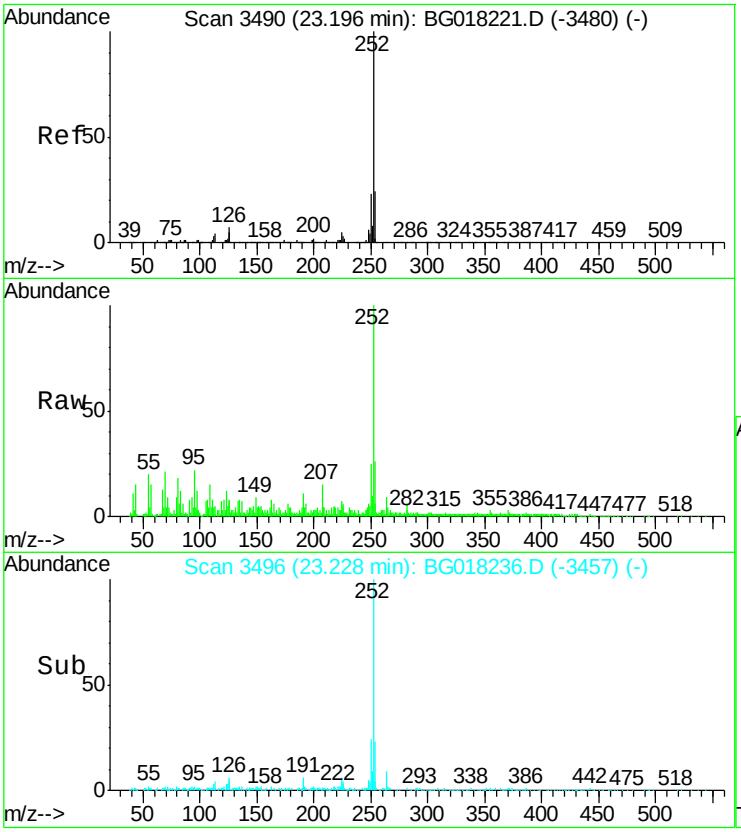


#89
Benzo(k)fluoranthene
Concen: 15.60 ng/ul
RT: 22.67 min Scan# 3401
Delta R.T. -0.01 min
Lab File: BG018236.D
Acq: 2 Aug 2015 21:05

Tgt Ion:252 Resp: 296197

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.2	27.2
125	8.7	7.5	11.3



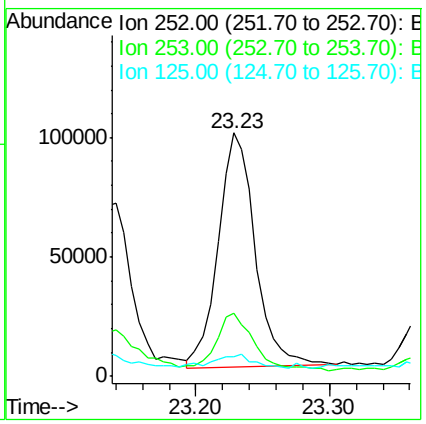


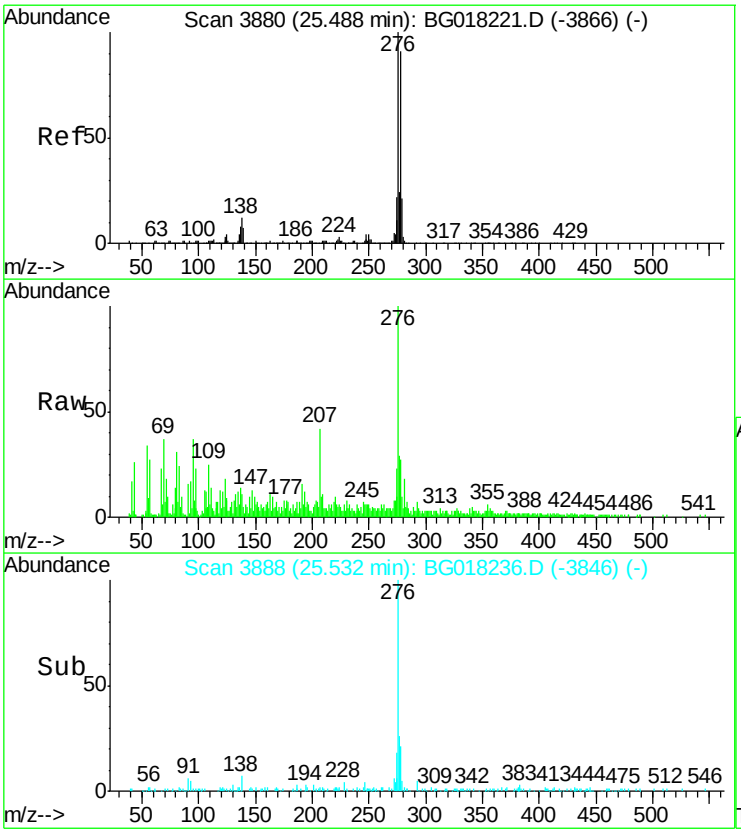
#91
Benzo(a)pyrene
Concen: 10.27 ng/ul
RT: 23.23 min Scan# 3496
Delta R.T. 0.03 min
Lab File: BG018236.D
Acq: 2 Aug 2015 21:05

Instrument :
BNA_G
ClientSampleId :
C01R0RE

Tgt Ion:252 Resp: 189707

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.4	26.2
125	8.2	7.3	10.9

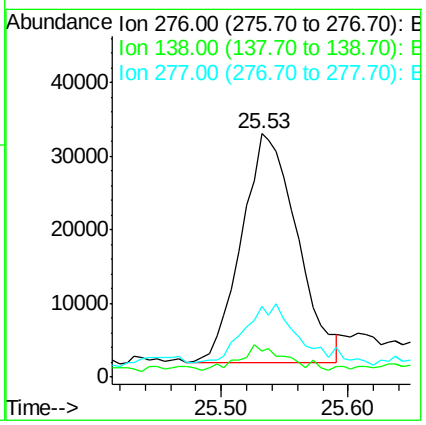


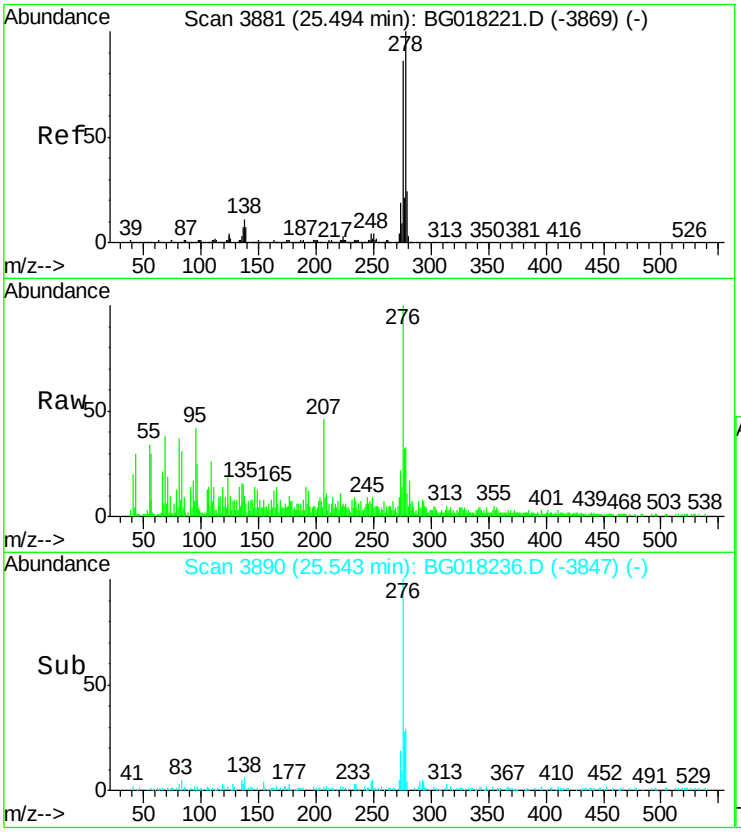


#92
Indeno(1,2,3-cd)pyrene
Concen: 4.44 ng/ul
RT: 25.53 min Scan# 3888
Delta R.T. 0.04 min
Lab File: BG018236.D
Acq: 2 Aug 2015 21:05

Tgt Ion:276 Resp: 94939

Ion	Ratio	Lower	Upper
276	100		
138	10.6	17.2	25.8#
277	29.1	19.5	29.3



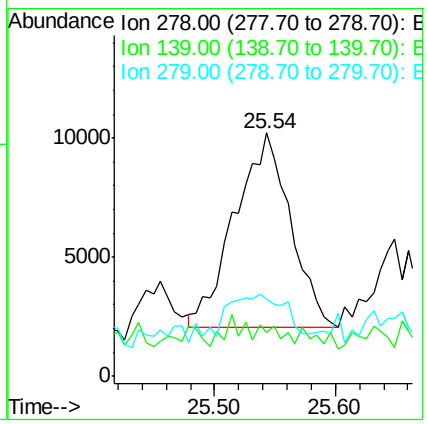


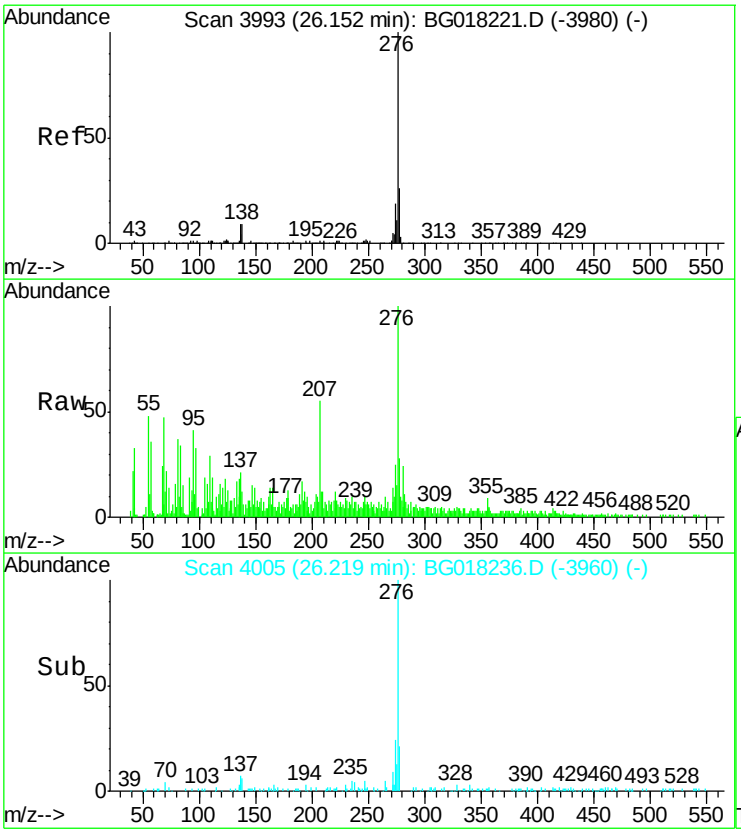
#93
Dibenzo(a,h)anthracene
Concen: 1.42 ng/ul
RT: 25.54 min Scan# 3890
Delta R.T. 0.05 min
Lab File: BG018236.D
Acq: 2 Aug 2015 21:05

Instrument :
BNA_G
ClientSampleId :
C01R0RE

Tgt Ion:278 Resp: 25982

Ion	Ratio	Lower	Upper
278	100		
139	17.9	12.2	18.2
279	31.5	20.0	30.0#





#94
Benzo(g,h,i)perylene
Concen: 4.05 ng/ul
RT: 26.22 min Scan# 4005
Delta R.T. 0.07 min
Lab File: BG018236.D
Acq: 2 Aug 2015 21:05

Tgt Ion:276 Resp: 70761

Ion	Ratio	Lower	Upper
276	100		
138	11.7	15.1	22.7#
277	27.6	19.8	29.6