Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
Data File : BG018145.D
Acq On : 28 Jul 2015 13:19
Operator : TP/UM
Sample : G3030-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02J9

Manual Integrations APPROVED
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7/28/2015 5:51:06 PM

Quant Time: Jul 28 15:13:34 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 28 01:54:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	32344	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	164583	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	115783	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	248219	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	262976	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	258309	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	2334	4.51	ng/uL	0.00
5) Phenol-d5	6.69	99	53025	21.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	24656	20.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	48500	21.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	44470	20.10	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	26405	20.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	30188	21.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	50487	21.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	56461	20.30	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	164930	20.29	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	160460	16.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	22016	12.87	ng/ul	0.00
58) Fluorene-d10	15.18	176	109561	14.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	16720	10.54	ng/ul	0.00
71) Anthracene-d10	17.03	188	170157	15.83	ng/ul	0.00
79) Pyrene-d10	19.34	212	144473	11.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	146754	11.91	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.72	94	152315	59.79	ng/ul	97
11) 2-Methylphenol	7.96	108	10951	5.21	ng/ul	96
45) Dimethylphthalate	13.64	163	68801	8.41	ng/ul	98
70) Phenanthrene	16.98	178	37806	3.03	ng/ul	98
77) Fluoranthene	19.01	202	89949	6.77	ng/ul	98
80) Pyrene	19.37	202	81133	5.39	ng/ul	99
83) Benzo(a)anthracene	21.13	228	48660	3.50	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.07	149	14296	1.62	ng/ul	95
85) Chrysene	21.18	228	41168	3.14	ng/ul	96
88) Benzo(b)fluoranthene	22.68	252	56891m	4.02	ng/ul	
89) Benzo(k)fluoranthene	22.70	252	23738m	1.73	ng/ul	
91) Benzo(a)pyrene	23.24	252	39059	2.85	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.55	276	29517	1.87	ng/ul#	93
94) Benzo(g,h,i)perylene	26.22	276	24167	1.85	ng/ul	94

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
Data File : BG018145.D
Acq On : 28 Jul 2015 13:19
Operator : TP/UM
Sample : G3030-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Jul 28 15:13:34 2015
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02J9

Manual Integrations APPROVED
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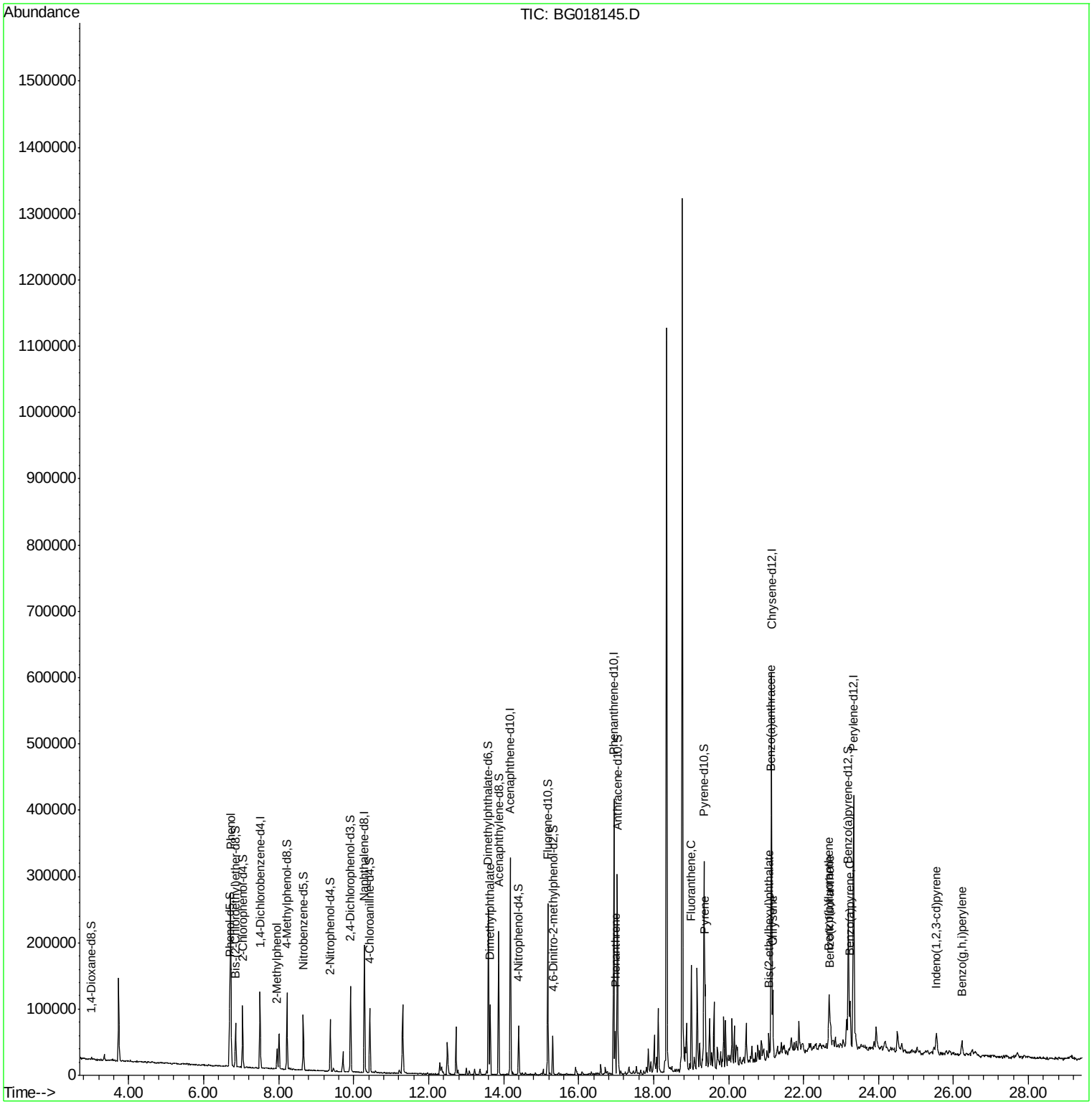
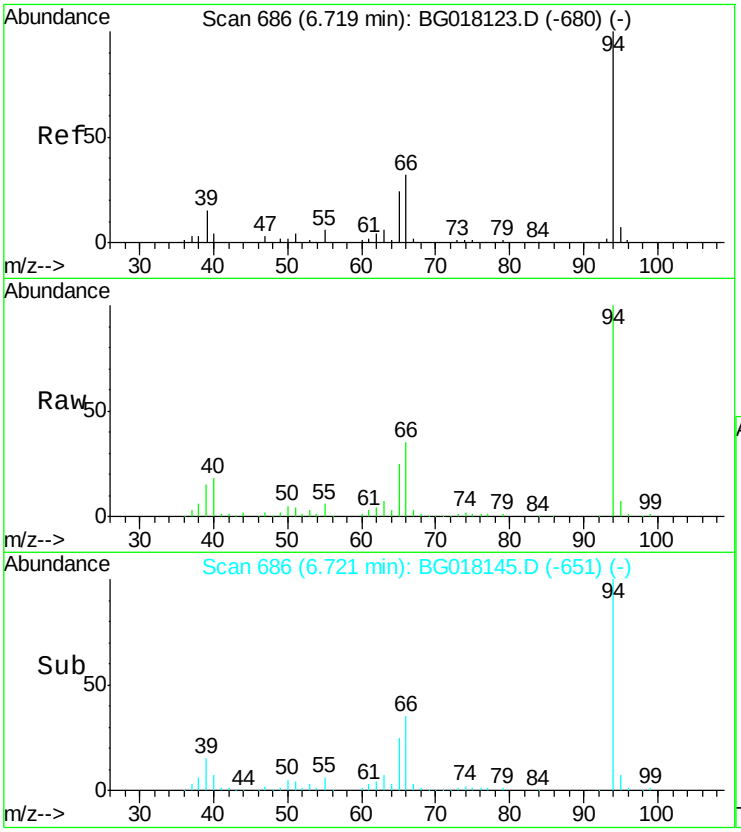
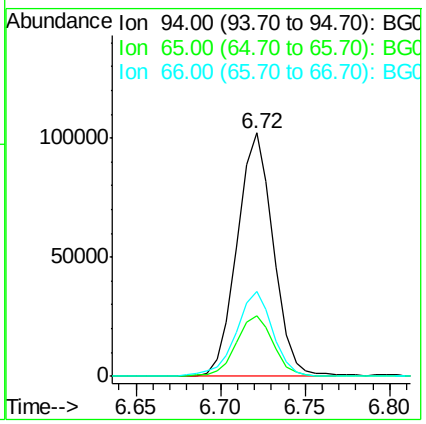




#6
Phenol
Concen: 59.79 ng/ul
RT: 6.72 min Scan# 686
Delta R.T. 0.00 min
Lab File: BG018145.D
Acq: 28 Jul 2015 13:19

Tgt Ion: 94 Resp: 152315

Ion	Ratio	Lower	Upper
94	100		
65	24.9	20.1	30.1
66	34.7	25.9	38.9



Instrument :
BNA_G
ClientSampleId :
C02J9

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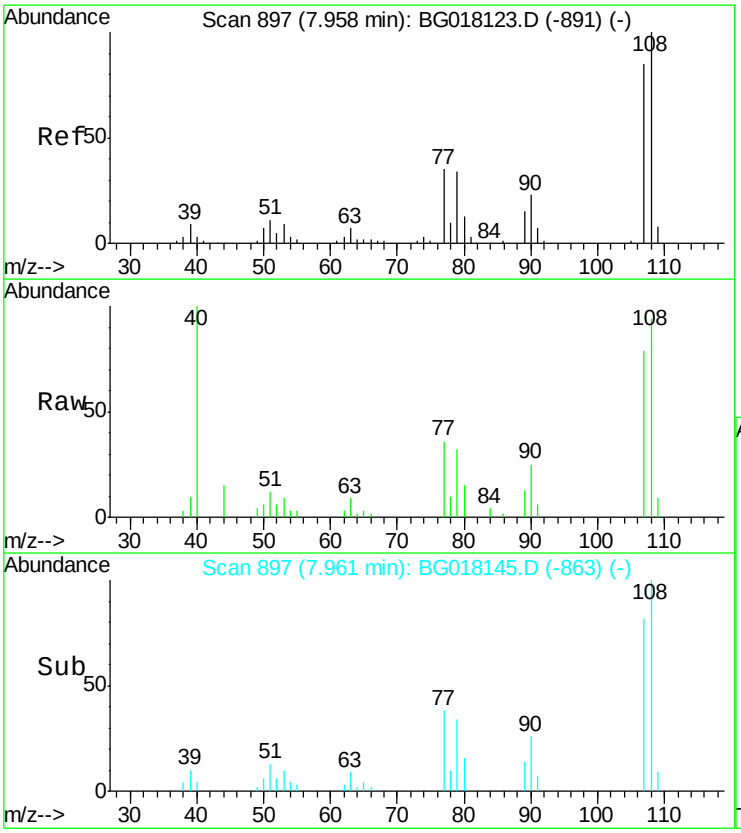
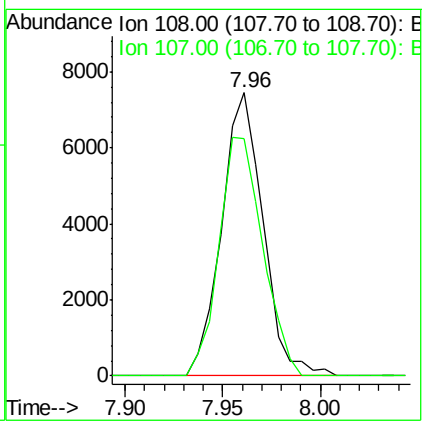
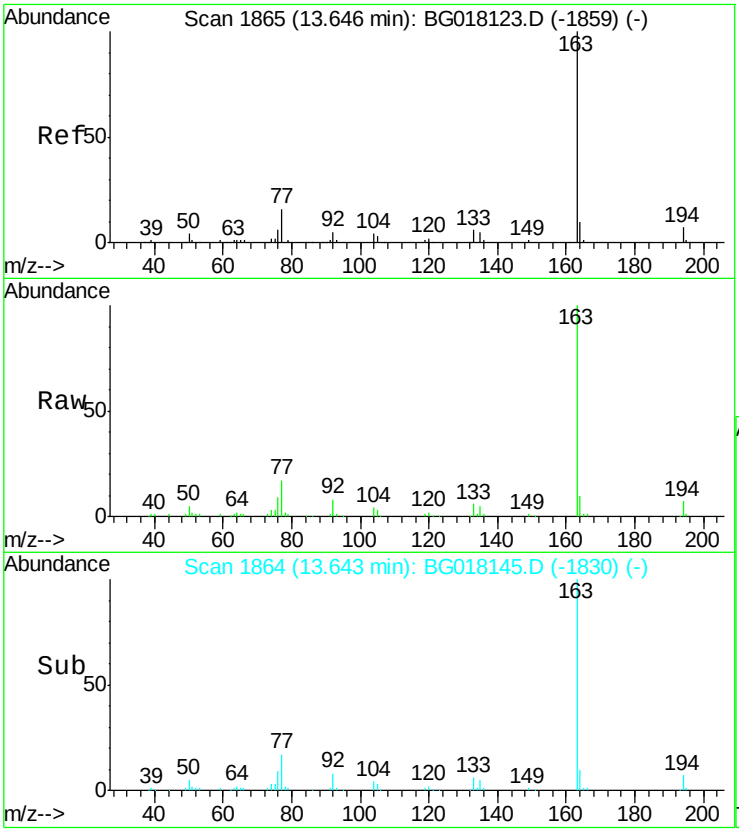


#11
2-Methylphenol
Concen: 5.21 ng/ul
RT: 7.96 min Scan# 897
Delta R.T. -0.00 min
Lab File: BG018145.D
Acq: 28 Jul 2015 13:19

Tgt Ion:108 Resp: 10951

Ion	Ratio	Lower	Upper
108	100		
107	83.8	70.2	105.4

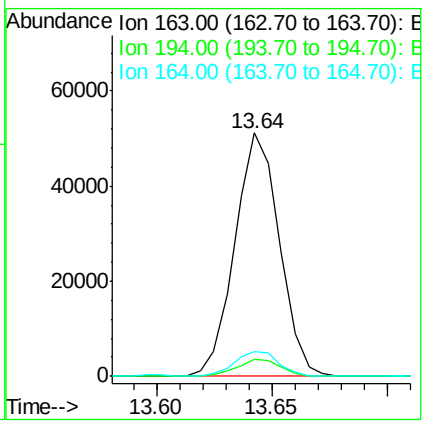




#45
Dimethylphthalate
Concen: 8.41 ng/ul
RT: 13.64 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BG018145.D
Acq: 28 Jul 2015 13:19

Tgt Ion:163 Resp: 68801

Ion	Ratio	Lower	Upper
163	100		
194	7.0	5.4	8.2
164	10.0	8.7	13.1



Instrument :
BNA_G
ClientSampleId :
C02J9

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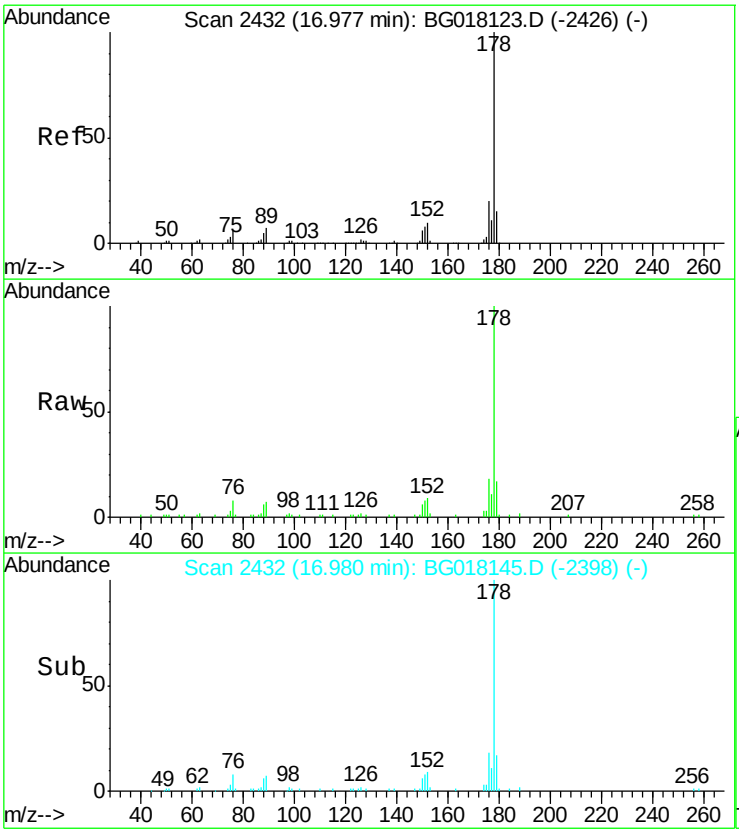
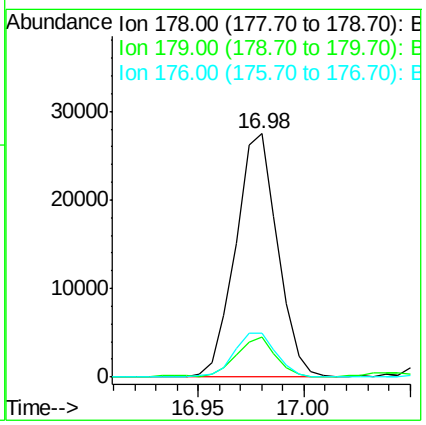
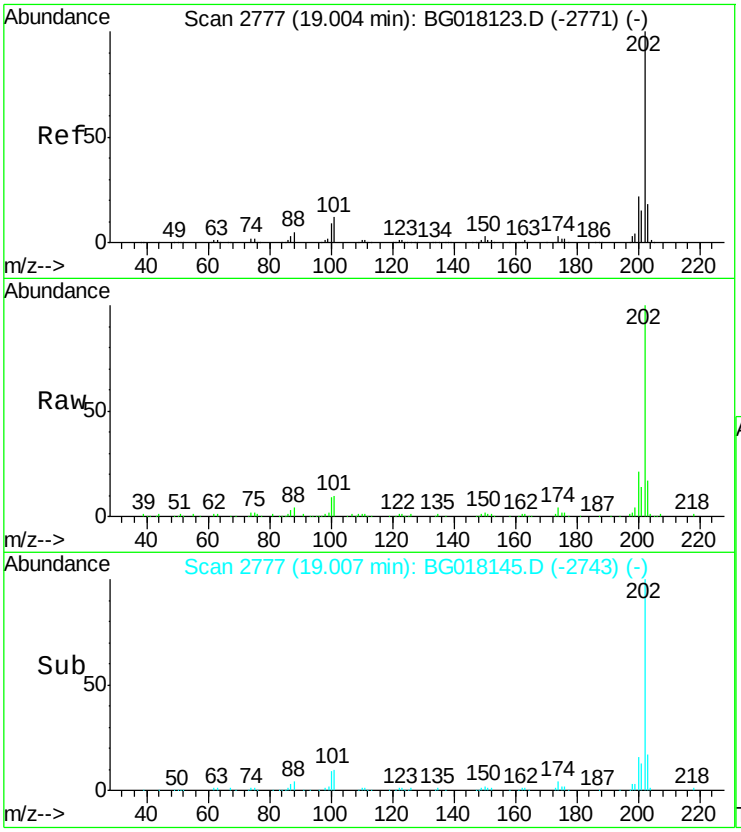


#70
Phenanthrene
Concen: 3.03 ng/ul
RT: 16.98 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG018145.D
Acq: 28 Jul 2015 13:19

Tgt Ion:178 Resp: 37806

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.0	19.6
176	18.0	15.8	23.8

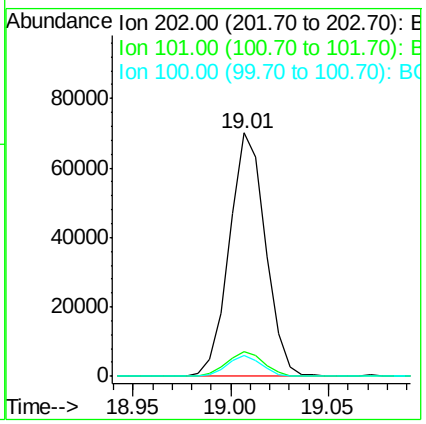




#77
Fluoranthene
Concen: 6.77 ng/ul
RT: 19.01 min Scan# 2777
Delta R.T. -0.00 min
Lab File: BG018145.D
Acq: 28 Jul 2015 13:19

Tgt Ion:202 Resp: 89949

Ion	Ratio	Lower	Upper
202	100		
101	10.3	9.1	13.7
100	8.7	7.5	11.3



Instrument :
BNA_G
ClientSampleId :
C02J9

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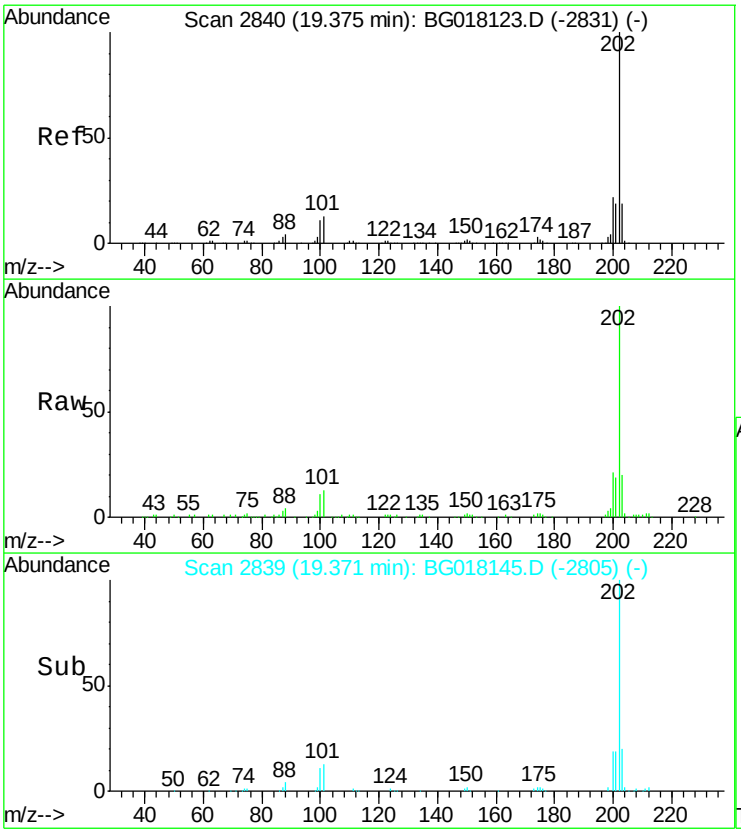
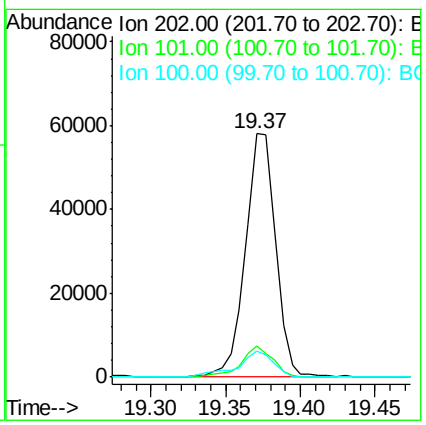
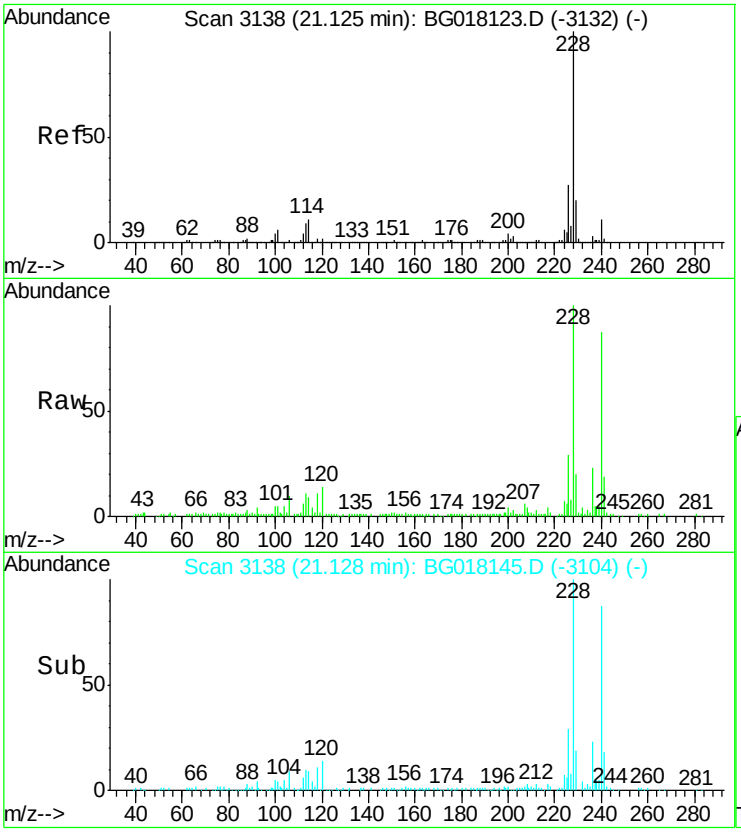


#80
Pyrene
Concen: 5.39 ng/ul
RT: 19.37 min Scan# 2839
Delta R.T. -0.00 min
Lab File: BG018145.D
Acq: 28 Jul 2015 13:19

Tgt Ion:202 Resp: 81133

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.9	16.3
100	10.9	8.5	12.7





#83
Benzo(a)anthracene
Concen: 3.50 ng/ul
RT: 21.13 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG018145.D
Acq: 28 Jul 2015 13:19

Tgt Ion:228 Resp: 48660

Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.6	24.8
226	28.5	21.1	31.7

Instrument :
BNA_G
ClientSampleId :
C02J9

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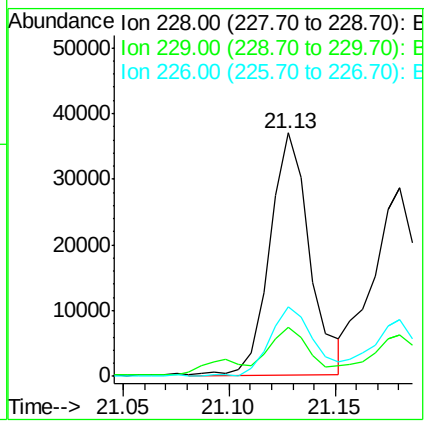
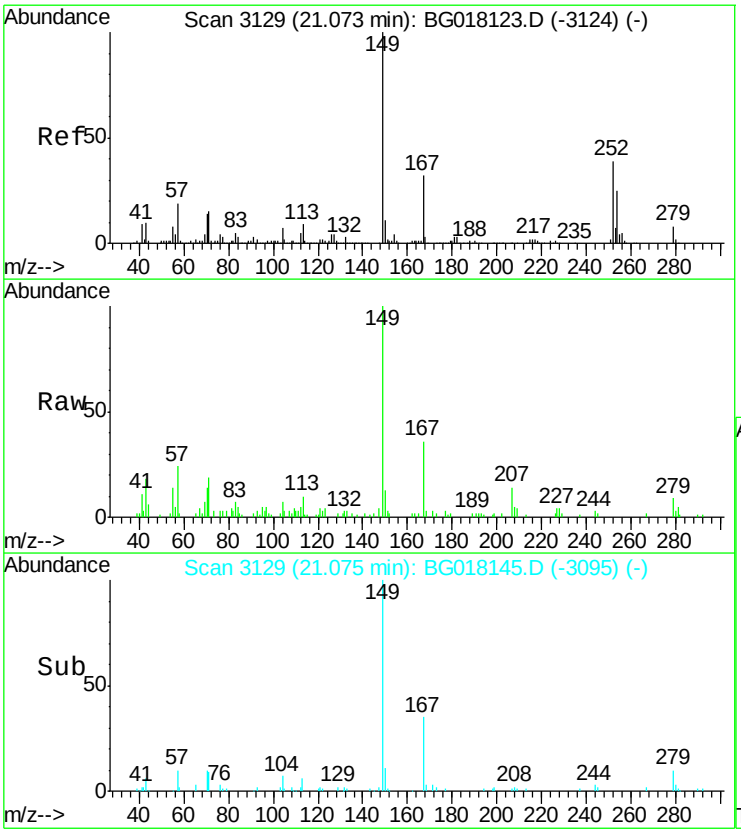
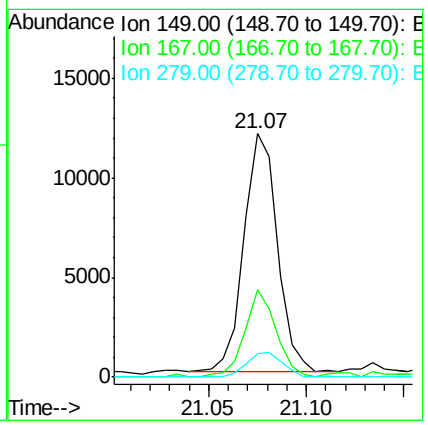


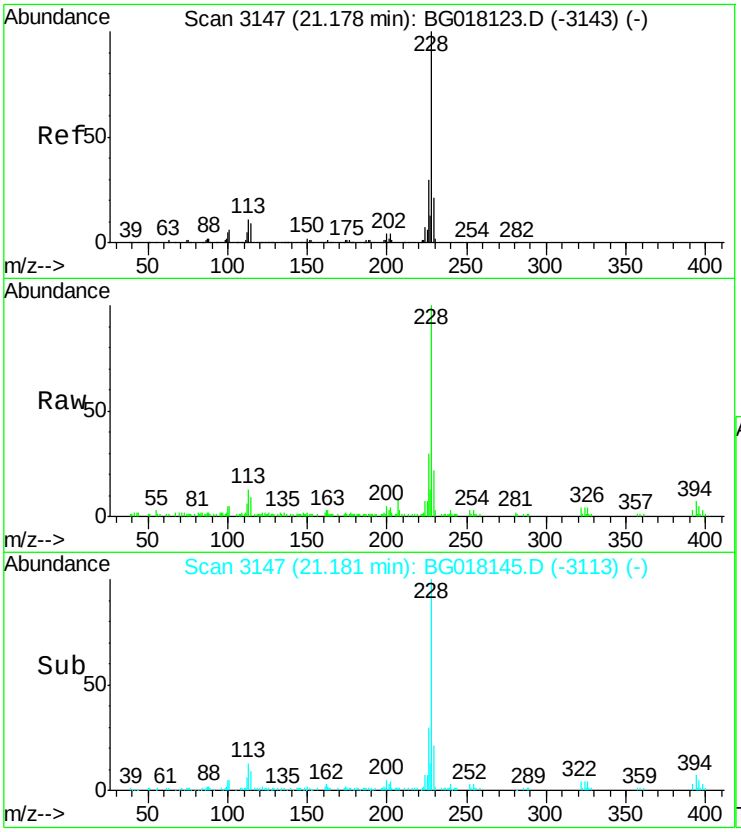


#84
Bis(2-ethylhexyl)phthalate
Concen: 1.62 ng/ul
RT: 21.07 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG018145.D
Acq: 28 Jul 2015 13:19

Tgt Ion:149 Resp: 14296

Ion	Ratio	Lower	Upper
149	100		
167	36.0	26.2	39.4
279	9.5	7.2	10.8

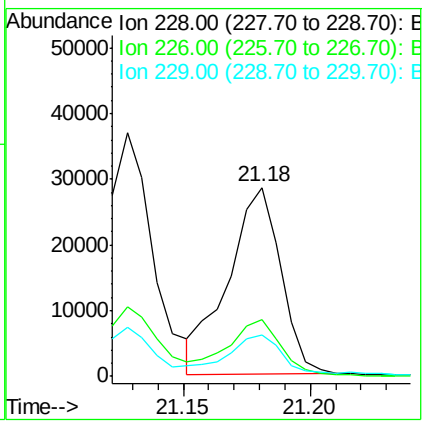




#85
Chrysene
Concen: 3.14 ng/ul
RT: 21.18 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG018145.D
Acq: 28 Jul 2015 13:19

Tgt Ion:228 Resp: 41168

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.9	34.3
229	22.2	15.6	23.4



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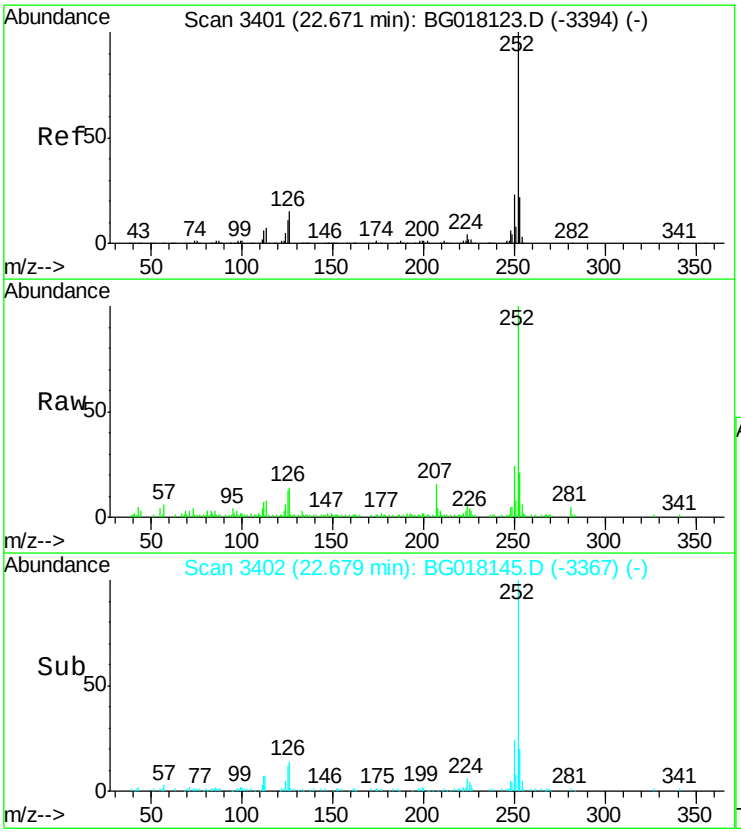
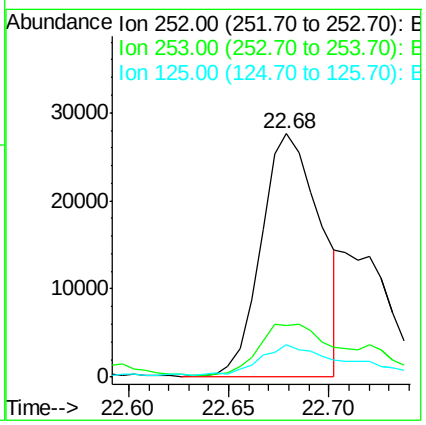
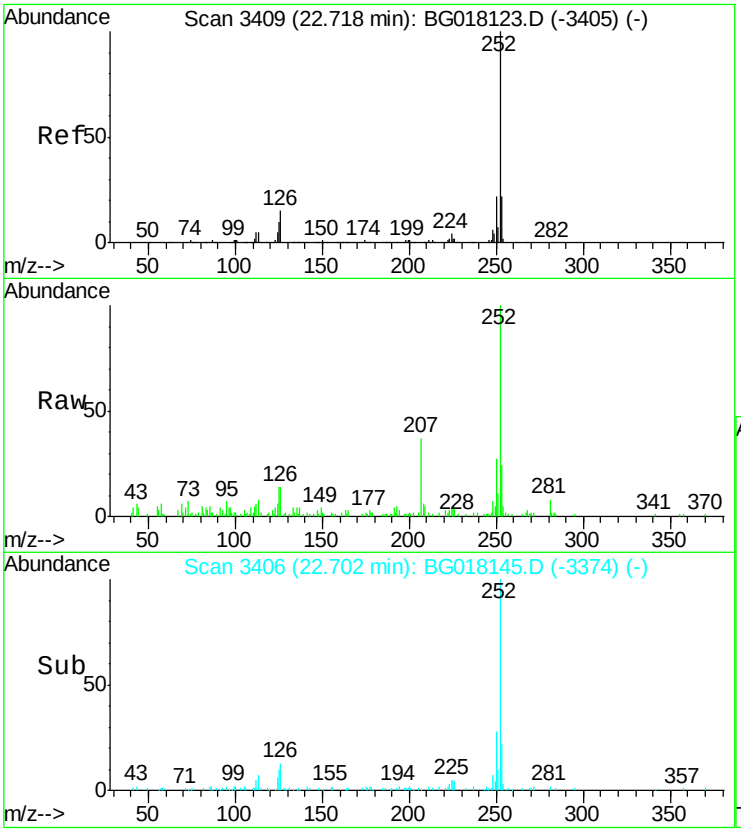


#88
Benzo(b)fluoranthene
Concen: 4.02 ng/ul m
RT: 22.68 min Scan# 3402
Delta R.T. 0.00 min
Lab File: BG018145.D
Acq: 28 Jul 2015 13:19

Tgt Ion:252 Resp: 56891

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.5	27.7
125	13.1	9.1	13.7

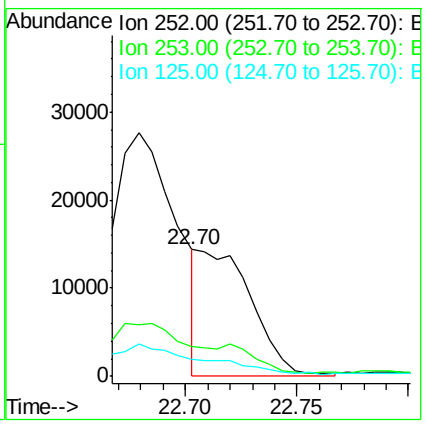




#89
Benzo(k)fluoranthene
Concen: 1.73 ng/ul m
RT: 22.70 min Scan# 3406
Delta R.T. -0.01 min
Lab File: BG018145.D
Acq: 28 Jul 2015 13:19

Tgt Ion:252 Resp: 23738

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.8
125	13.5	9.3	13.9



Instrument :
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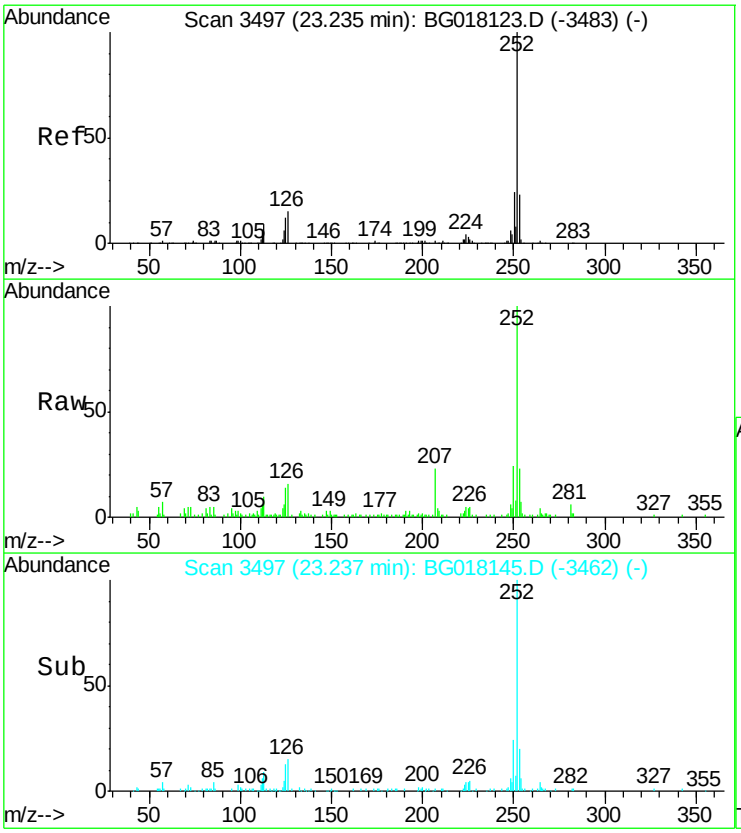
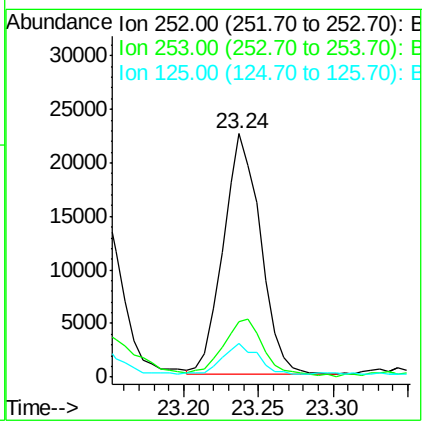
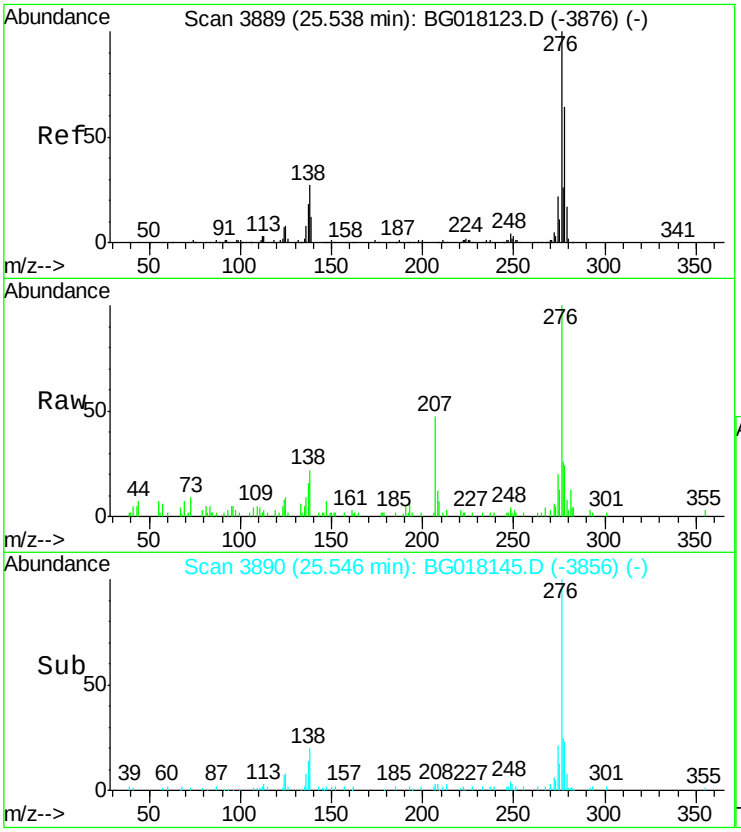


#91
Benzo(a)pyrene
Concen: 2.85 ng/ul
RT: 23.24 min Scan# 3497
Delta R.T. 0.00 min
Lab File: BG018145.D
Acq: 28 Jul 2015 13:19

Tgt Ion:252 Resp: 39059

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	14.0	10.2	15.2

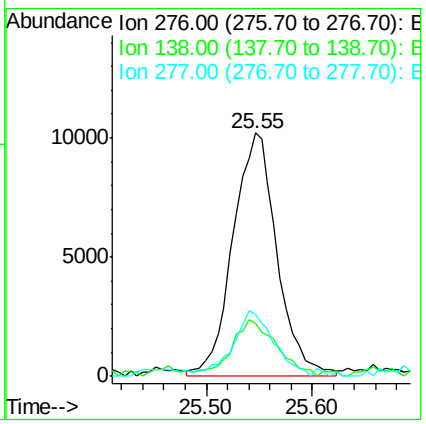




#92
Indeno(1,2,3-cd)pyrene
Concen: 1.87 ng/ul
RT: 25.55 min Scan# 3890
Delta R.T. -0.00 min
Lab File: BG018145.D
Acq: 28 Jul 2015 13:19

Tgt Ion:276 Resp: 29517

Ion	Ratio	Lower	Upper
276	100		
138	21.6	22.6	33.8#
277	25.6	19.8	29.8



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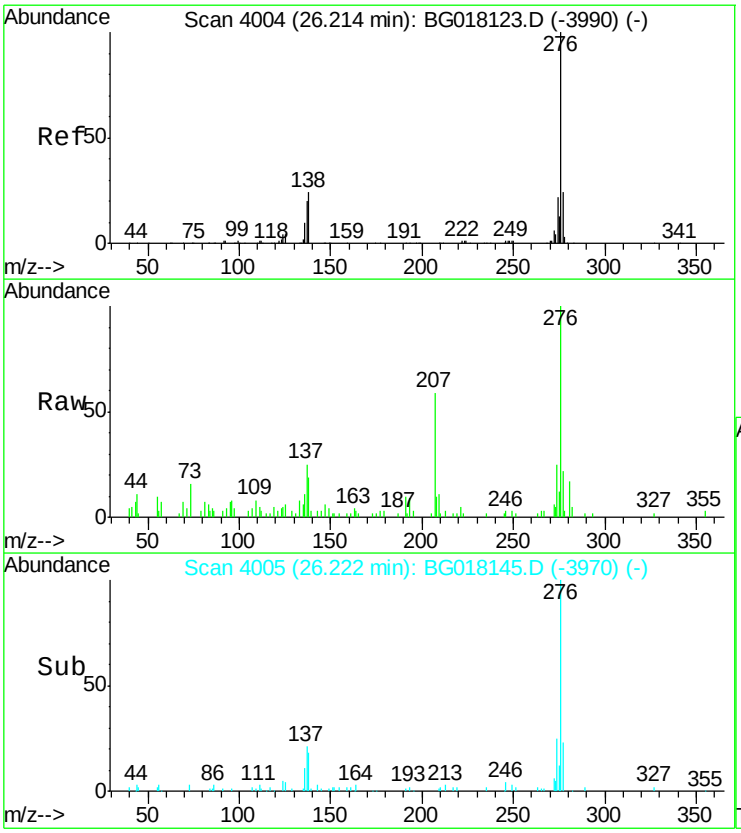

#94
Benzo(g,h,i)perylene
Concen: 1.85 ng/ul
RT: 26.22 min Scan# 4005
Delta R.T. 0.00 min
Lab File: BG018145.D
Acq: 28 Jul 2015 13:19

Tgt Ion:276 Resp: 24167

Ion	Ratio	Lower	Upper
276	100		
138	19.4	18.8	28.2
277	22.4	19.3	28.9