Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018203.D
Acq On : 1 Aug 2015 4:38
Operator : TP/UM
Sample : G3065-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6

Manual Integrations APPROVED
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8/4/2015 12:22:55 PM

Quant Time: Aug 03 18:09:38 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 07:50:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	52593	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	218219	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.16	164	111555	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.92	188	252905	20.00	ng/ul	0.02
78) Chrysene-d12	21.16	240	440151m	20.00	ng/ul	0.05
86) Perylene-d12	23.36	264	387041m	20.00	ng/ul	0.07
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.98	96	991	1.42	ng/uL	0.00
5) Phenol-d5	6.67	99	38774	8.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	23391	9.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	34117	9.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	19737	5.12	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	17587	10.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	21389	10.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	31845	9.13	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.57	166	97805	11.35	ng/ul	0.00
47) Acenaphthylene-d8	13.85	160	117877	11.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	10294	6.45	ng/ul	0.00
58) Fluorene-d10	15.16	176	84811	10.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.30	200	4526	2.56	ng/ul	0.00
71) Anthracene-d10	17.02	188	129639	11.79	ng/ul	0.02
79) Pyrene-d10	19.36	212	208889m	9.81	ng/ul	0.05
90) Benzo(a)pyrene-d12	23.22	264	217776m	11.13	ng/ul	0.07
Target Compounds						Qvalue
14) Acetophenone	8.29	105	12779	2.13	ng/ul	94
28) Naphthalene	10.31	128	50463	4.80	ng/ul	96
34) 2-Methylnaphthalene	11.94	142	23576	2.83	ng/ul	94
35) 1-Methylnaphthalene	12.17	142	18277	2.29	ng/ul#	90
45) Dimethylphthalate	13.62	163	199631	23.28	ng/ul	98
50) Acenaphthene	14.22	153	38213	5.91	ng/ul	99
54) Dibenzofuran	14.56	168	31442	3.23	ng/ul#	66
59) Fluorene	15.22	166	66703	7.94	ng/ul#	93
70) Phenanthrene	16.97	178	783616	60.99	ng/ul#	94
72) Anthracene	17.06	178	159947	12.51	ng/ul#	78
77) Fluoranthene	19.03	202	1493312	105.83	ng/ul	98
80) Pyrene	19.40	202	1610760	60.33	ng/ul	98
83) Benzo(a)anthracene	21.15	228	741646m	31.29	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.08	149	573755	39.21	ng/ul#	82
85) Chrysene	21.20	228	875715m	40.33	ng/ul	
88) Benzo(b)fluoranthene	22.70	252	1091964m	46.96	ng/ul	
89) Benzo(k)fluoranthene	22.74	252	369267m	17.28	ng/ul	
91) Benzo(a)pyrene	23.26	252	688940m	33.12	ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.57	276	435162m	18.08	ng/ul	
93) Dibenzo(a,h)anthracene	25.56	278	118137m	5.73	ng/ul	
94) Benzo(g,h,i)perylene	26.24	276	403621m	20.54	ng/ul	

Quantitation Report (LSC Reviewed)

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Data File : BG018203.D
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Sample : G3065-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 03 18:09:38 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 07:50:22 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02A6

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
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Manual Integrations APPROVED
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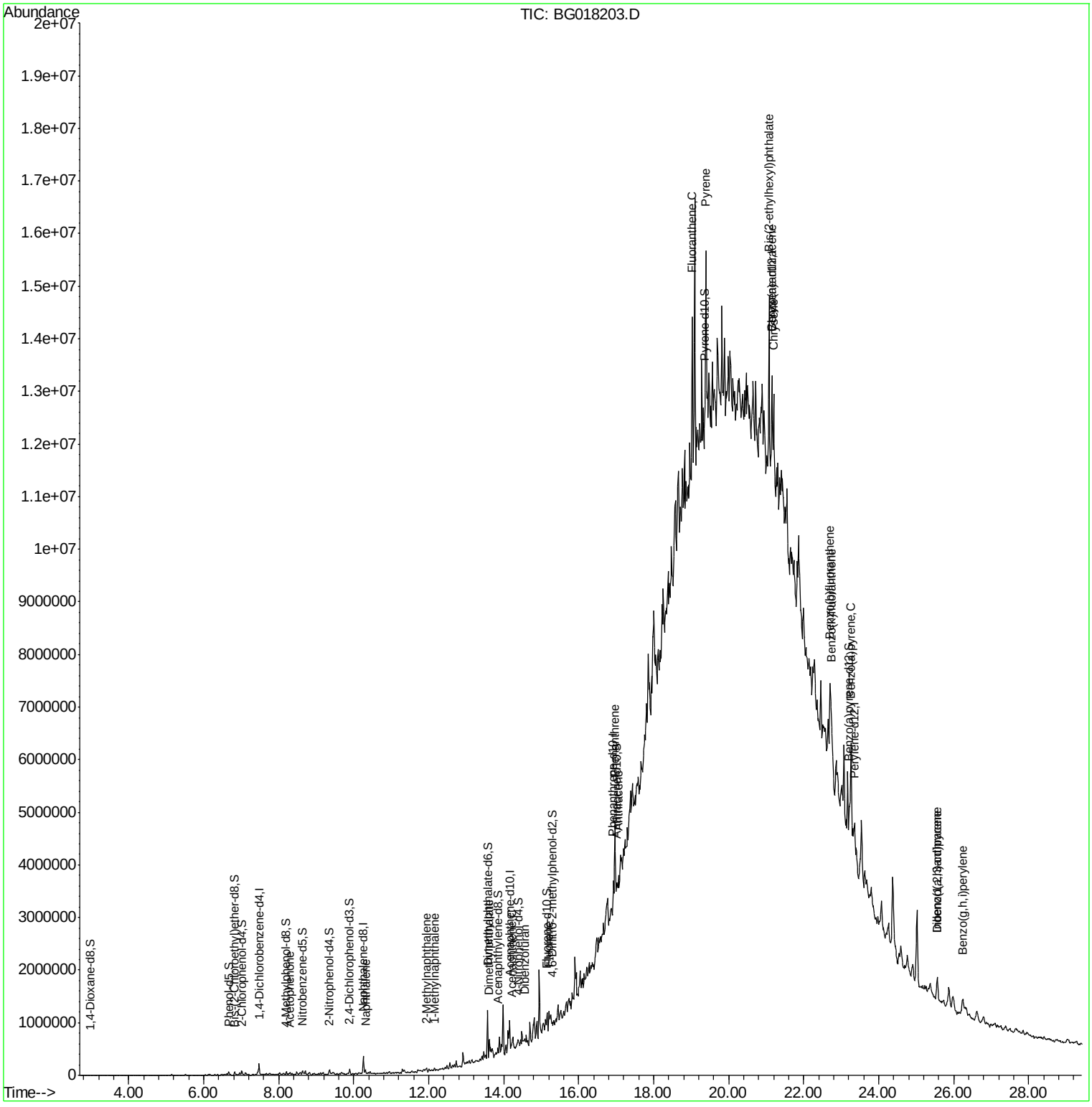
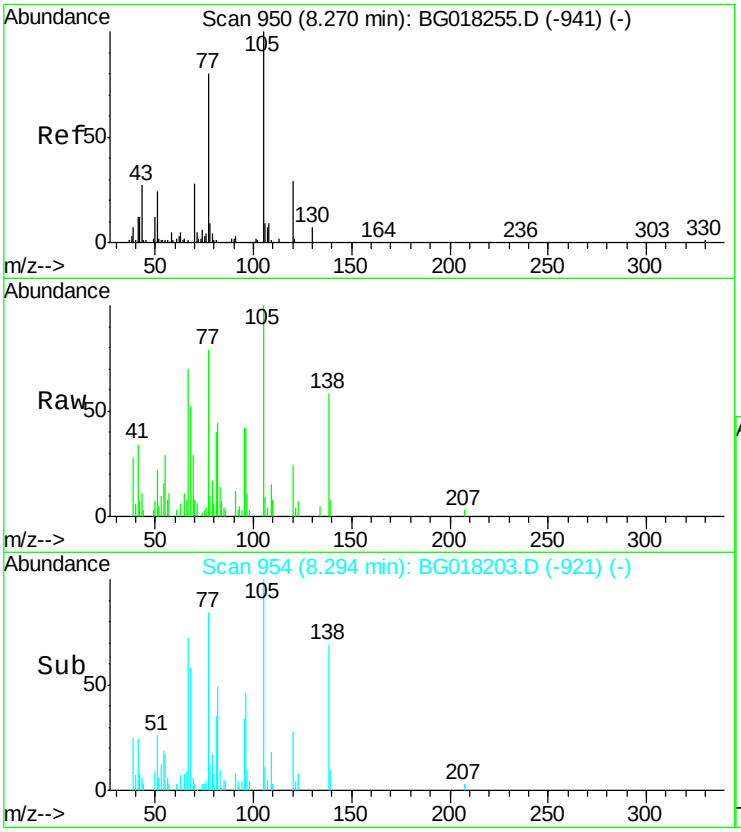
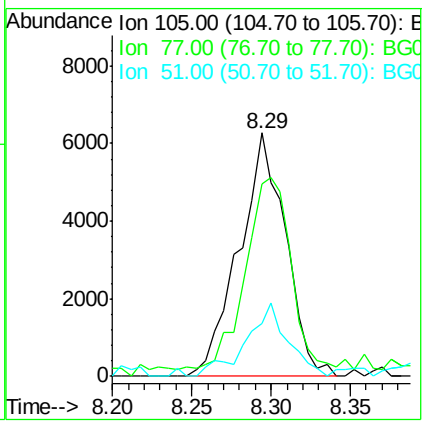




#14
Acetophenone
Concen: 2.13 ng/ul
RT: 8.29 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG018203.D
Acq: 1 Aug 2015 4:38

Tgt Ion:105 Resp: 12779

Ion	Ratio	Lower	Upper
105	100		
77	79.0	58.4	87.6
51	21.9	16.5	24.7



Instrument :
BNA_G
ClientSampleId :
C02A6

Manual Integrations APPROVED
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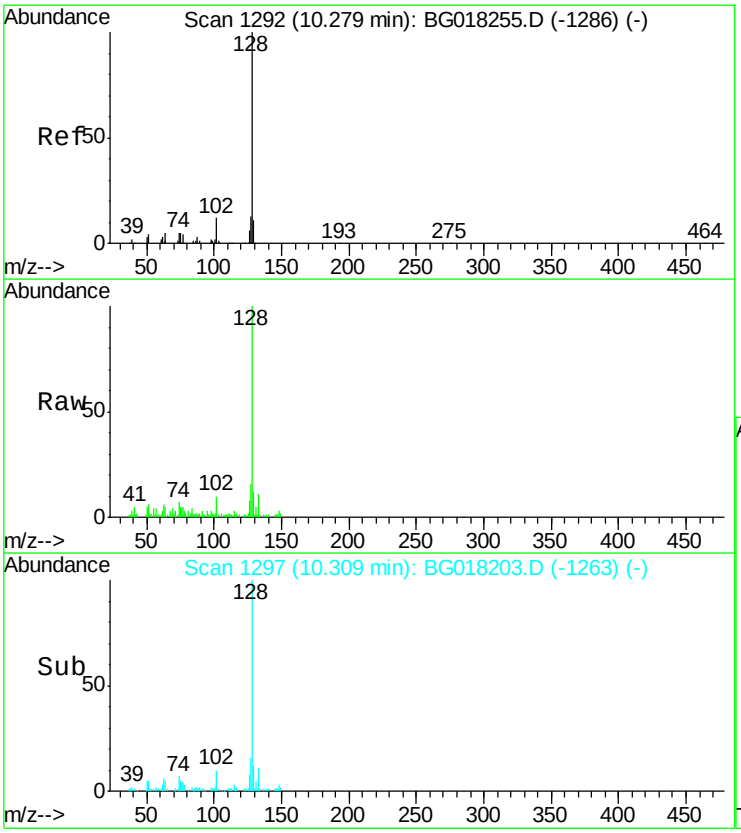
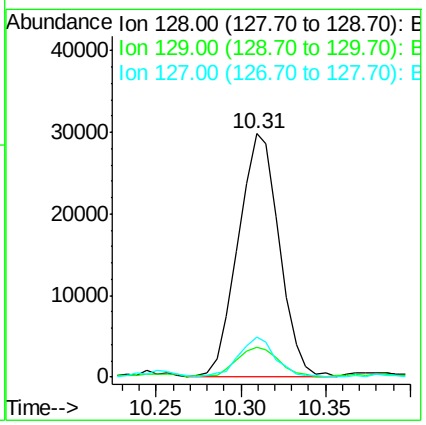
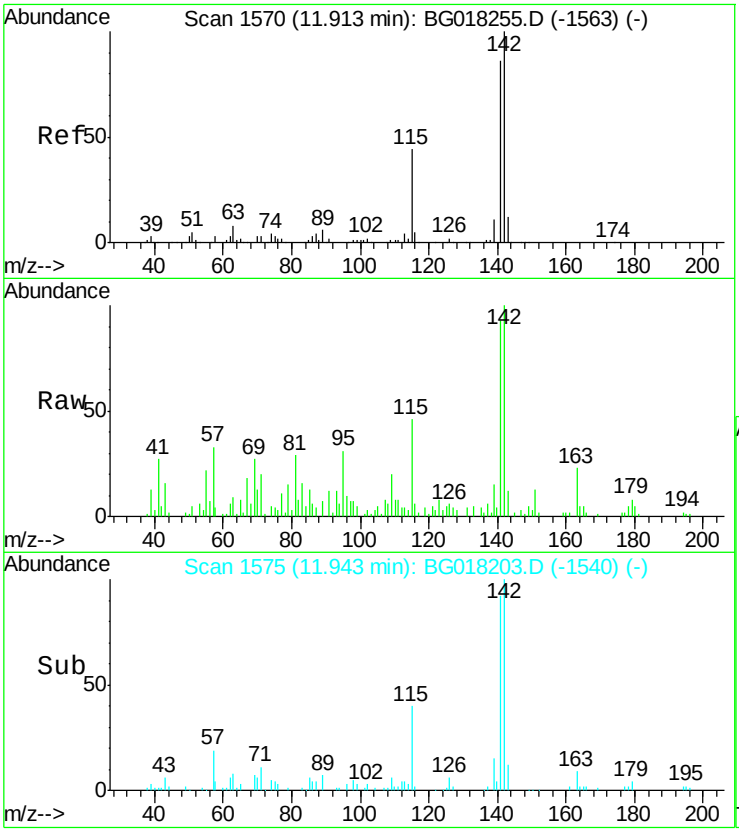


#28
Naphthalene
Concen: 4.80 ng/ul
RT: 10.31 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BG018203.D
Acq: 1 Aug 2015 4:38

Tgt Ion:128 Resp: 50463

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.1	13.7
127	16.4	11.2	16.8





#34
2-Methylnaphthalene
Concen: 2.83 ng/ul
RT: 11.94 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BG018203.D
Acq: 1 Aug 2015 4:38

Tgt Ion:142 Resp: 23576

Ion	Ratio	Lower	Upper
142	100		
141	93.1	70.3	105.5

Instrument :
BNA_G
ClientSampleId :
C02A6

Manual Integrations APPROVED
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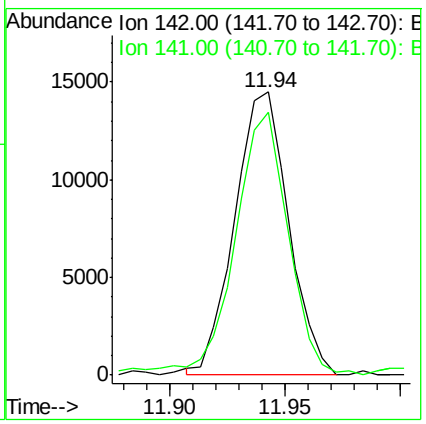
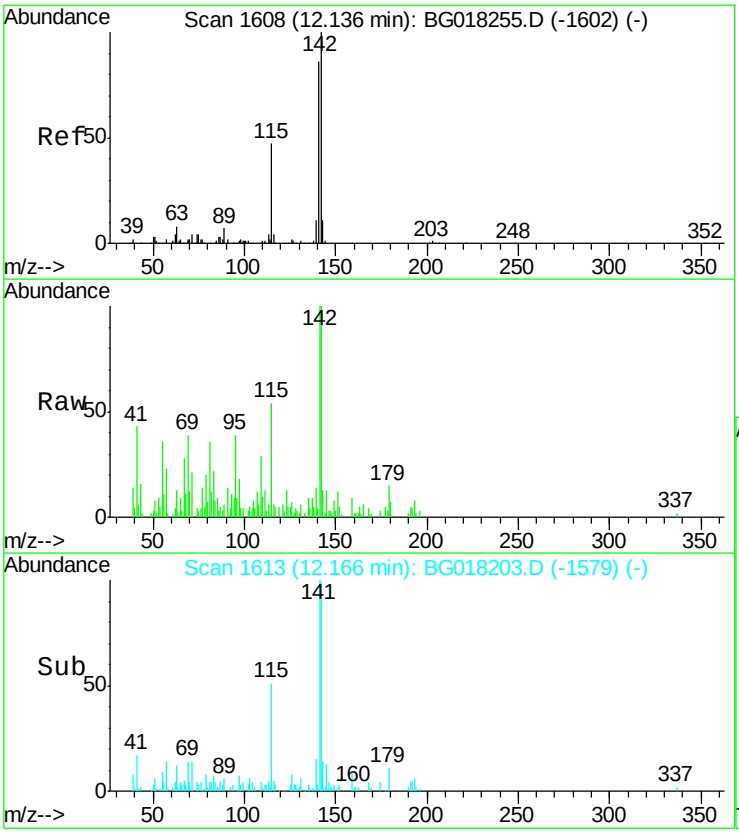
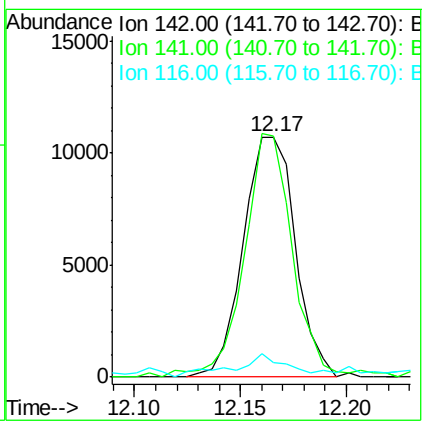


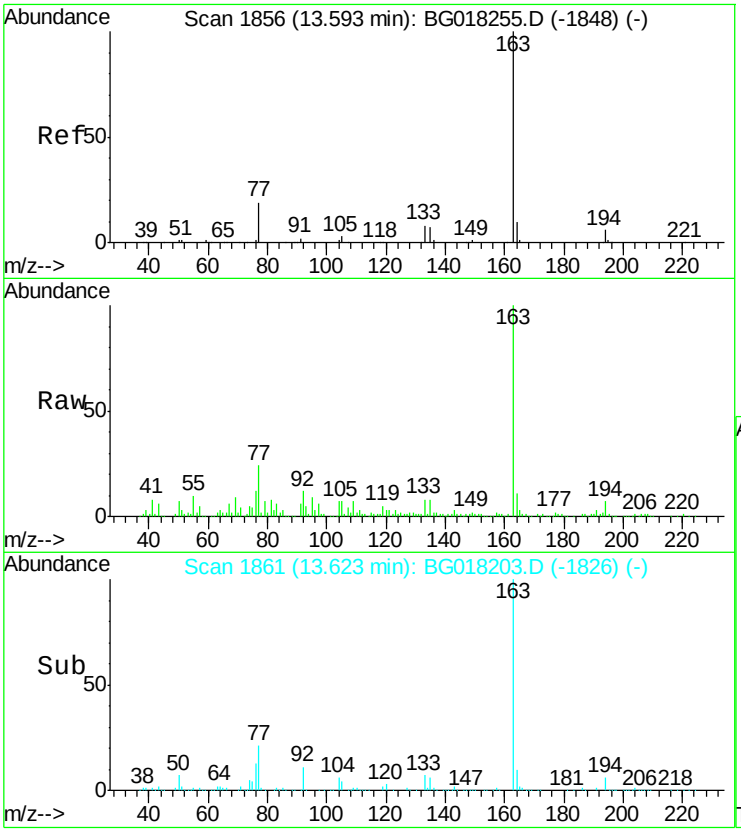


#35
1-Methylnaphthalene
Concen: 2.29 ng/ul
RT: 12.17 min Scan# 1613
Delta R.T. 0.00 min
Lab File: BG018203.D
Acq: 1 Aug 2015 4:38

Tgt Ion:142 Resp: 18277

Ion	Ratio	Lower	Upper
142	100		
141	100.4	72.5	108.7
116	6.1	2.6	4.0#

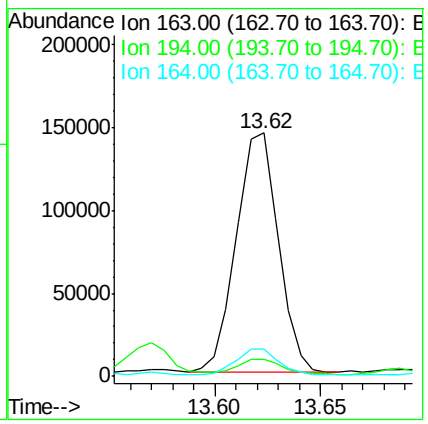




#45
Dimethylphthalate
Concen: 23.28 ng/ul
RT: 13.62 min Scan# 1861
Delta R.T. 0.01 min
Lab File: BG018203.D
Acq: 1 Aug 2015 4:38

Tgt Ion:163 Resp: 199631

Ion	Ratio	Lower	Upper
163	100		
194	7.0	5.2	7.8
164	11.2	8.4	12.6



Instrument :
BNA_G
ClientSampleId :
C02A6

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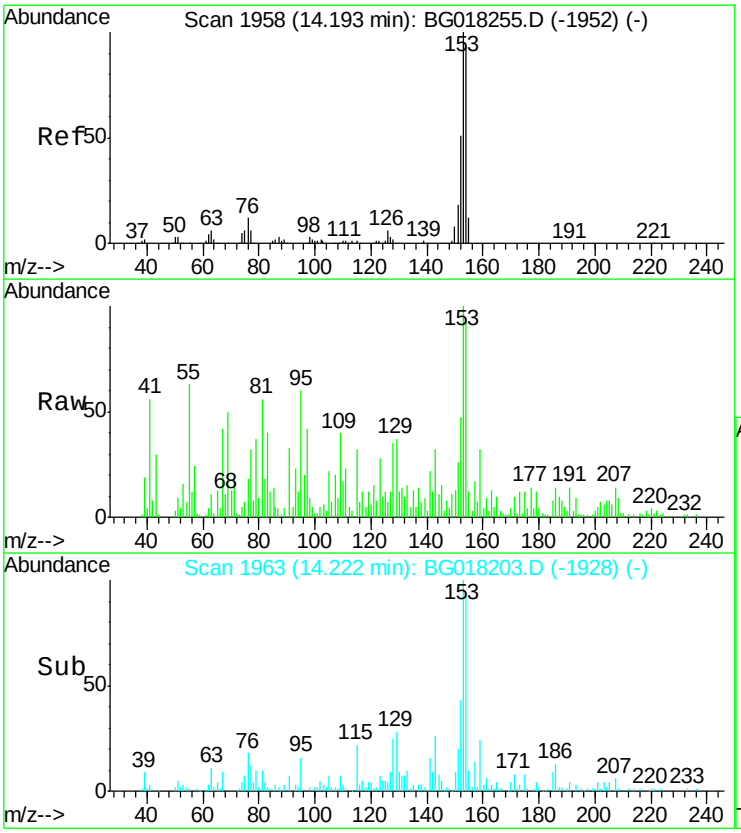
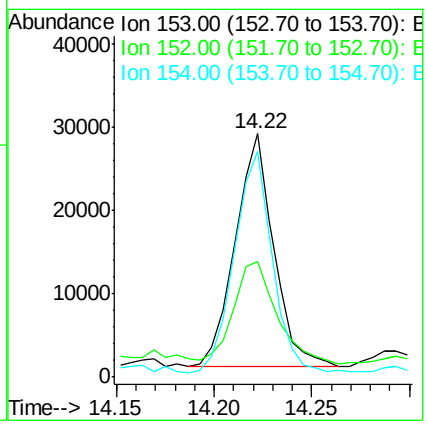
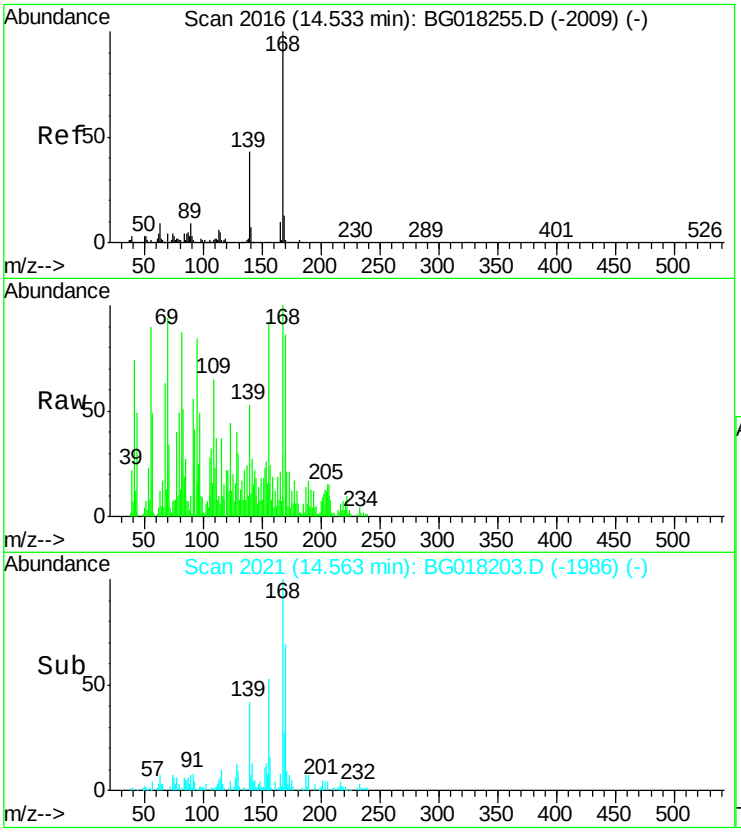


#50
Acenaphthene
Concen: 5.91 ng/ul
RT: 14.22 min Scan# 1963
Delta R.T. 0.01 min
Lab File: BG018203.D
Acq: 1 Aug 2015 4:38

Tgt Ion:153 Resp: 38213

Ion	Ratio	Lower	Upper
153	100		
152	47.3	38.7	58.1
154	92.9	74.8	112.2





#54
Dibenzofuran
Concen: 3.23 ng/ul
RT: 14.56 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BG018203.D
Acq: 1 Aug 2015 4:38

Tgt Ion:168 Resp: 31442

Ion	Ratio	Lower	Upper
168	100		
139	52.7	26.8	40.2#

Instrument :
BNA_G
ClientSampleId :
C02A6

Manual Integrations APPROVED
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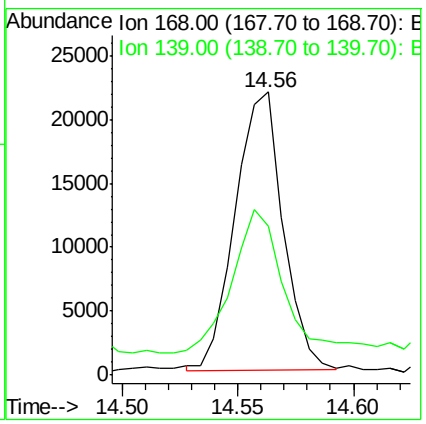
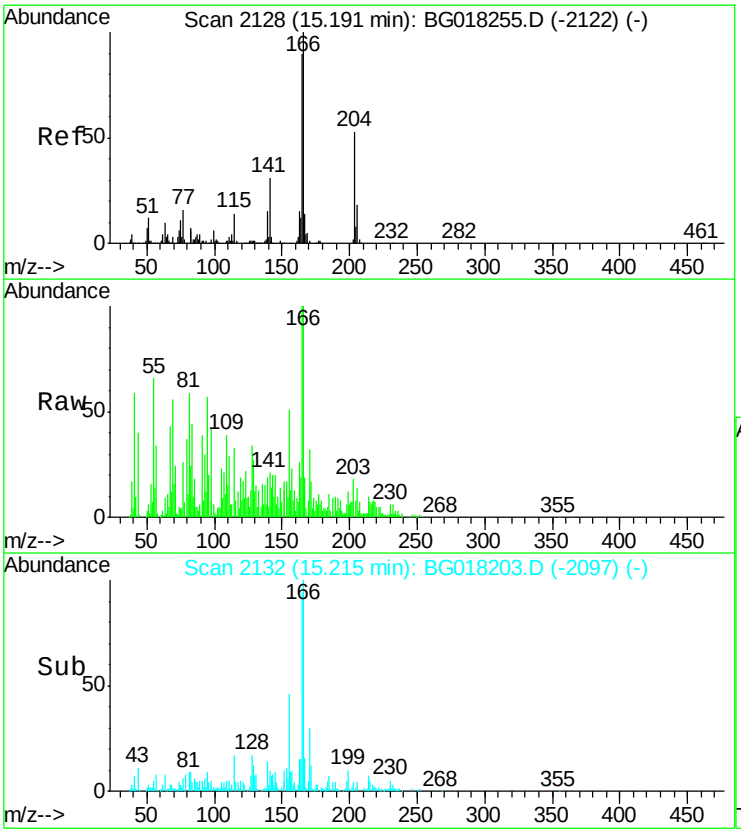
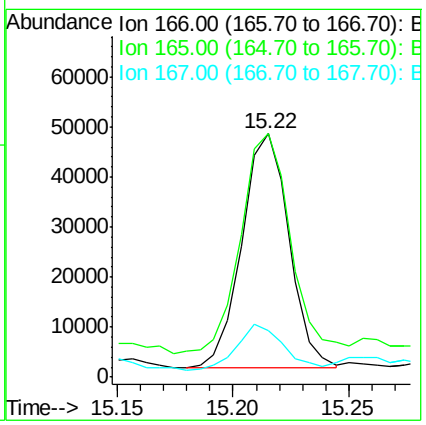


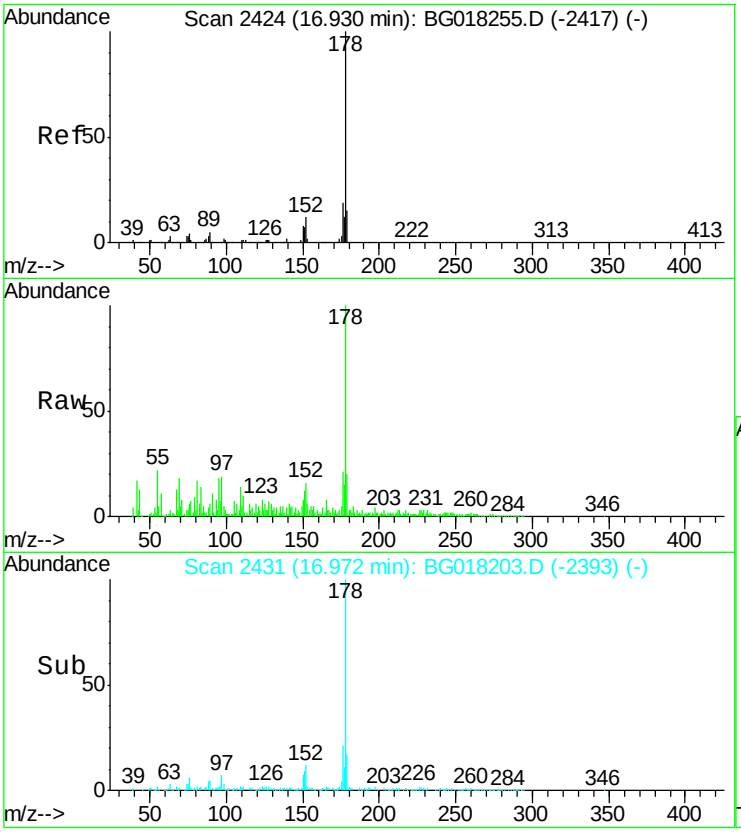


#59
Fluorene
Concen: 7.94 ng/ul
RT: 15.22 min Scan# 2132
Delta R.T. 0.01 min
Lab File: BG018203.D
Acq: 1 Aug 2015 4:38

Tgt Ion:166 Resp: 66703

Ion	Ratio	Lower	Upper
166	100		
165	100.1	75.1	112.7
167	19.3	11.8	17.6#

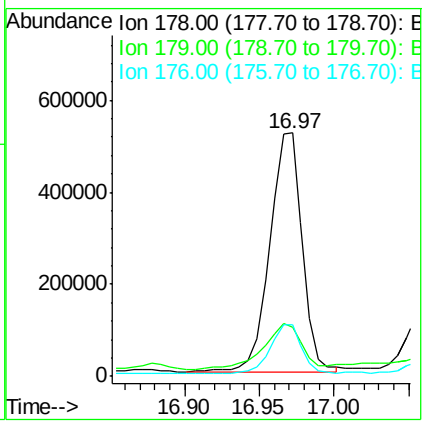




#70
Phenanthrene
Concen: 60.99 ng/ul
RT: 16.97 min Scan# 2431
Delta R.T. 0.02 min
Lab File: BG018203.D
Acq: 1 Aug 2015 4:38

Tgt Ion:178 Resp: 783616

Ion	Ratio	Lower	Upper
178	100		
179	20.0	12.8	19.2#
176	21.2	16.0	24.0



Instrument :
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ClientSampleId :
C02A6

Manual Integrations APPROVED
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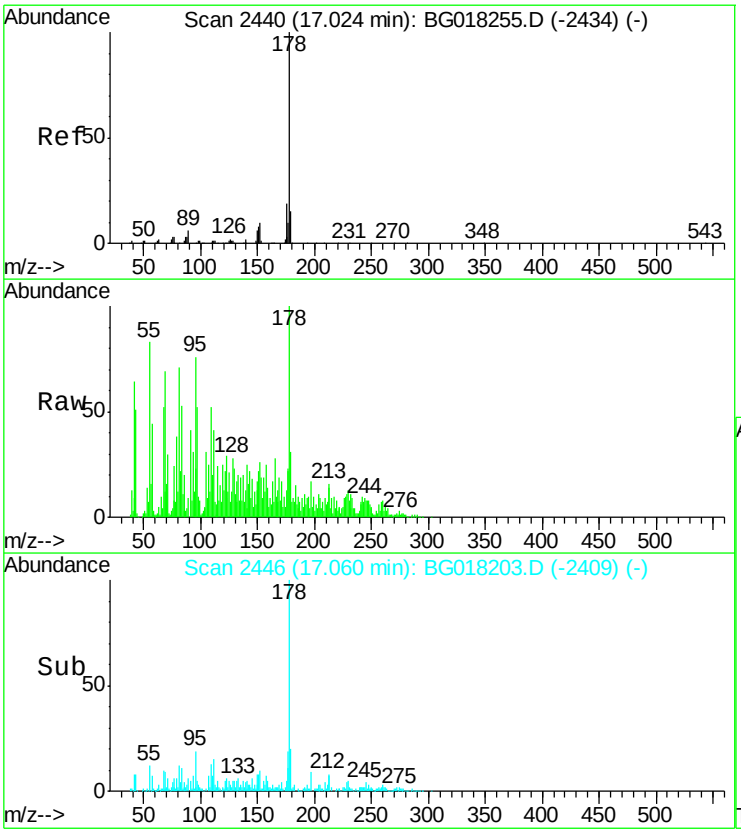
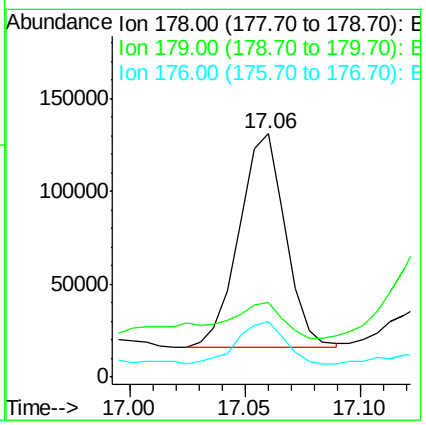
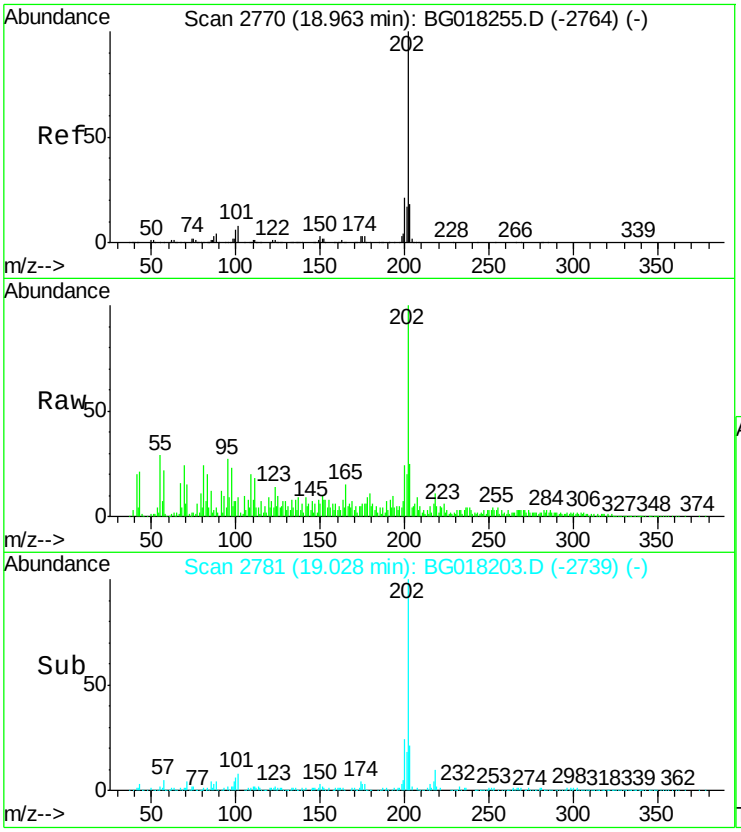


#72
Anthracene
Concen: 12.51 ng/ul
RT: 17.06 min Scan# 2446
Delta R.T. 0.02 min
Lab File: BG018203.D
Acq: 1 Aug 2015 4:38

Tgt Ion:178 Resp: 159947

Ion	Ratio	Lower	Upper
178	100		
179	30.7	12.2	18.2#
176	22.8	14.8	22.2#

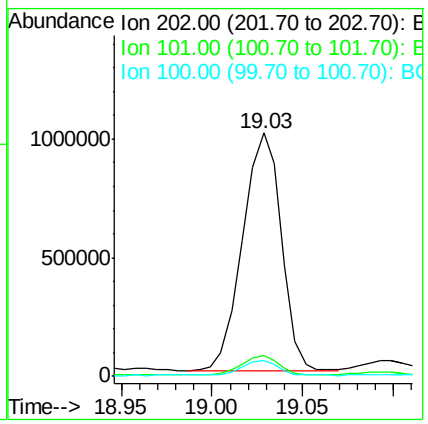




#77
Fluoranthene
Concen: 105.83 ng/ul
RT: 19.03 min Scan# 2781
Delta R.T. 0.05 min
Lab File: BG018203.D
Acq: 1 Aug 2015 4:38

Tgt Ion:202 Resp: 1493312

Ion	Ratio	Lower	Upper
202	100		
101	8.6	7.5	11.3
100	6.6	5.5	8.3



Instrument :
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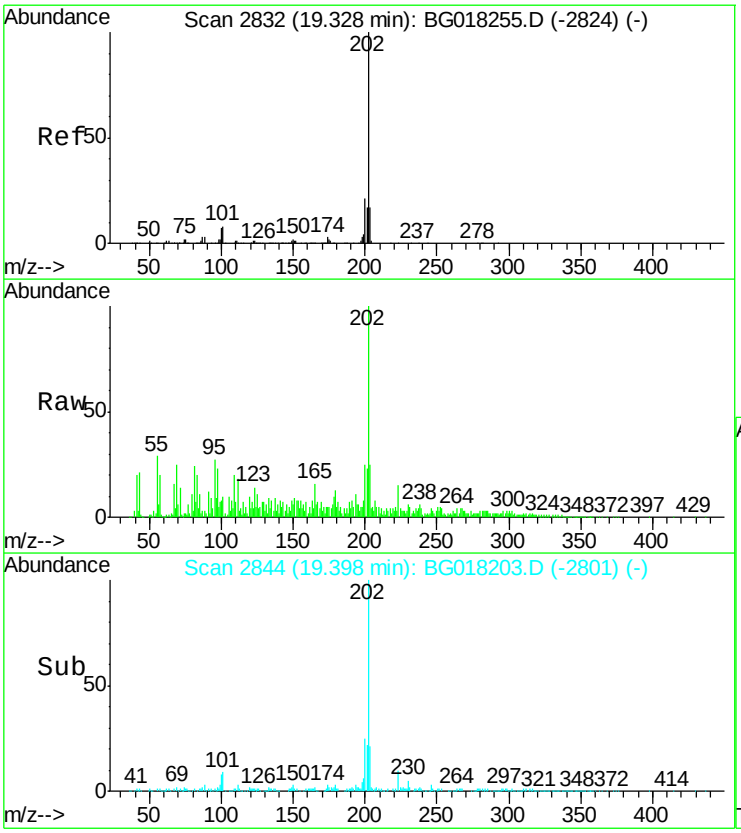
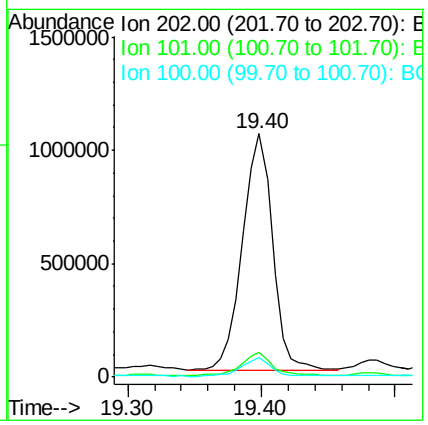
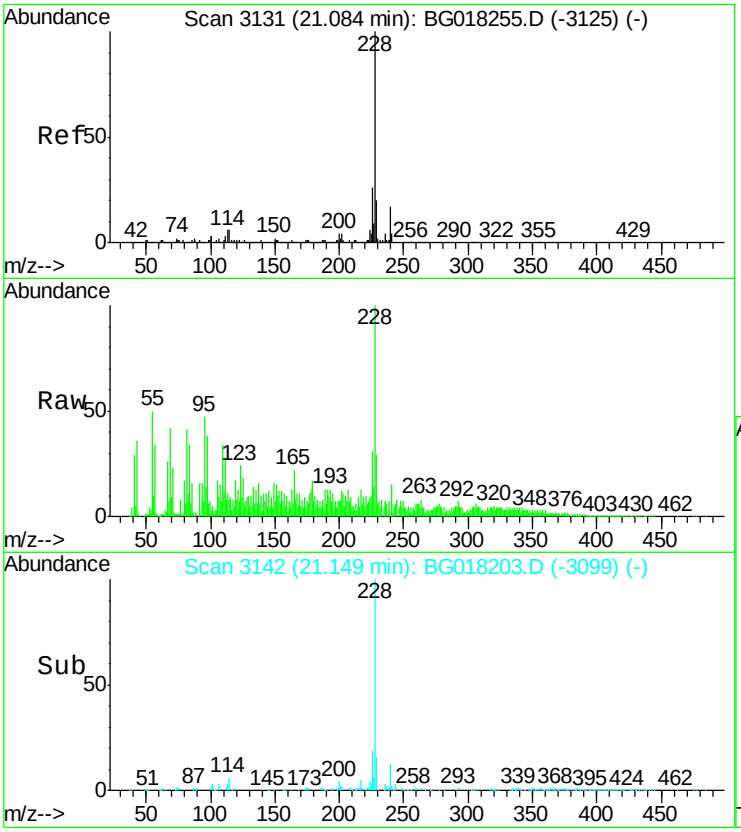


#80
Pyrene
Concen: 60.33 ng/ul
RT: 19.40 min Scan# 2844
Delta R.T. 0.05 min
Lab File: BG018203.D
Acq: 1 Aug 2015 4:38

Tgt Ion:202 Resp: 1610760

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.1	12.1
100	8.1	7.4	11.0





#83
Benzo(a)anthracene
Concen: 31.29 ng/ul m
RT: 21.15 min Scan# 3142
Delta R.T. 0.05 min
Lab File: BG018203.D
Acq: 1 Aug 2015 4:38

Tgt Ion:228 Resp: 741646

Ion	Ratio	Lower	Upper
228	100		
229	29.5	16.5	24.7#
226	31.5	21.5	32.3

Instrument :
BNA_G
ClientSampleId :
C02A6

Manual Integrations APPROVED
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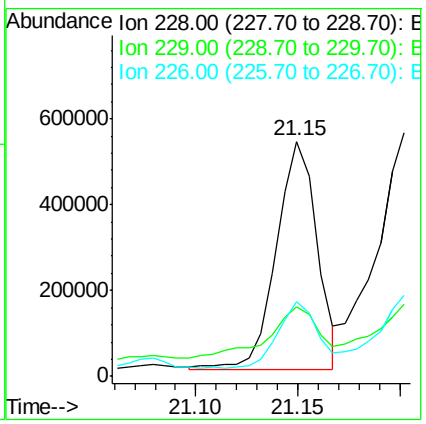
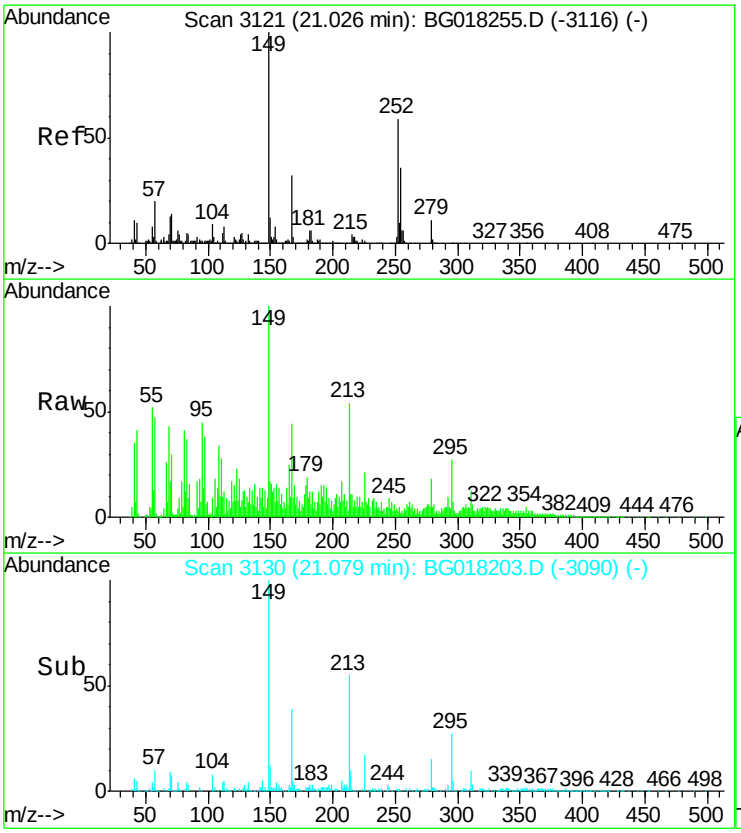
8/4/2015 12:22:55 PM

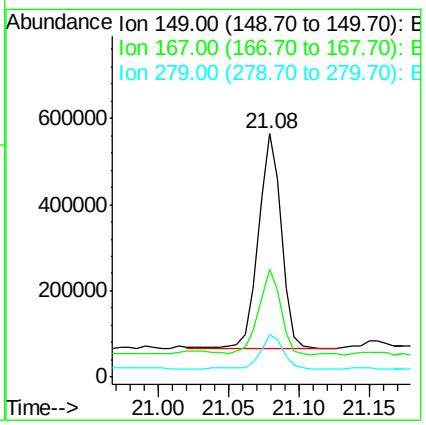


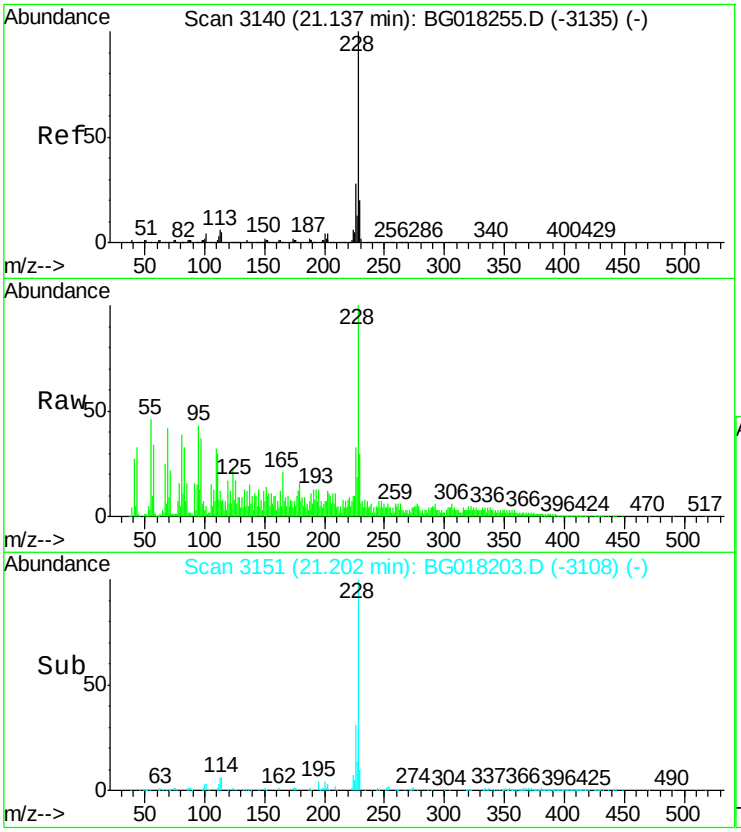


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.21 ng/ul
RT: 21.08 min Scan# 3130
Delta R.T. 0.04 min
Lab File: BG018203.D
Acq: 1 Aug 2015 4:38

Tgt Ion:149 Resp: 573755

Ion	Ratio	Lower	Upper
149	100		
167	44.1	27.4	41.2#
279	17.8	8.3	12.5#





#85
Chrysene
Concen: 40.33 ng/ul m
RT: 21.20 min Scan# 3151
Delta R.T. 0.05 min
Lab File: BG018203.D
Acq: 1 Aug 2015 4:38

Tgt Ion:228 Resp: 875715

Ion	Ratio	Lower	Upper
228	100		
226	33.4	22.7	34.1
229	29.7	16.2	24.2#

Instrument :
BNA_G
ClientSampleId :
C02A6

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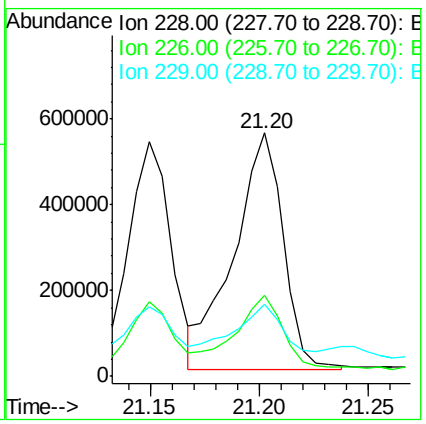
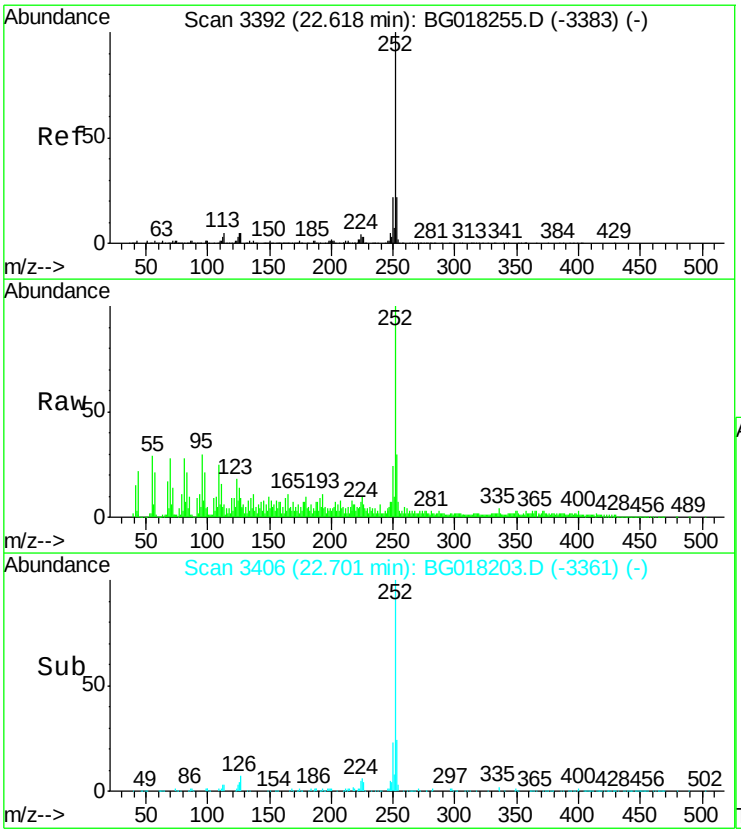
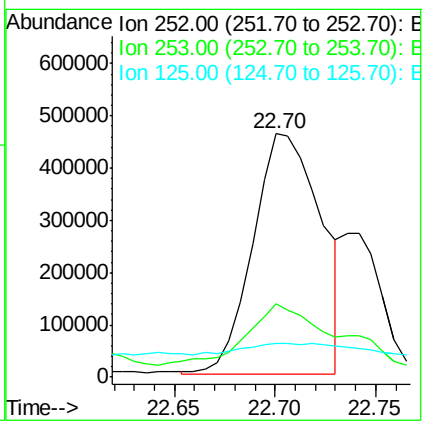


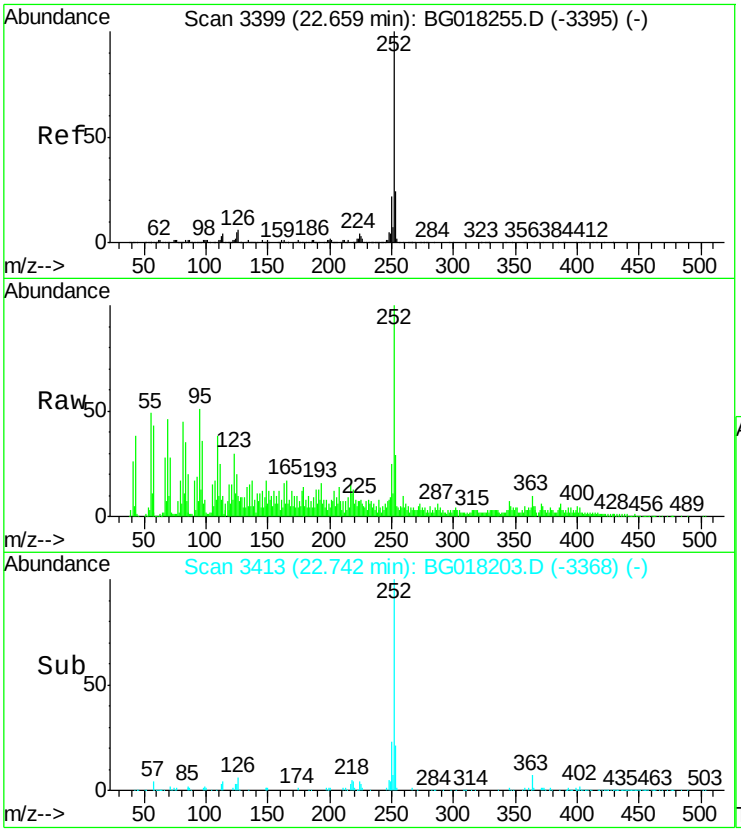


#88
Benzo(b)fluoranthene
Concen: 46.96 ng/ul m
RT: 22.70 min Scan# 3406
Delta R.T. 0.07 min
Lab File: BG018203.D
Acq: 1 Aug 2015 4:38

Tgt Ion:252 Resp: 1091964

Ion	Ratio	Lower	Upper
252	100		
253	30.2	18.5	27.7#
125	13.8	7.4	11.0#





#89
Benzo(k)fluoranthene
Concen: 17.28 ng/ul m
RT: 22.74 min Scan# 3413
Delta R.T. 0.07 min
Lab File: BG018203.D
Acq: 1 Aug 2015 4:38

Tgt Ion:252 Resp: 369267

Ion	Ratio	Lower	Upper
252	100		
253	28.9	18.2	27.2#
125	19.8	7.5	11.3#

Instrument :
BNA_G
ClientSampleId :
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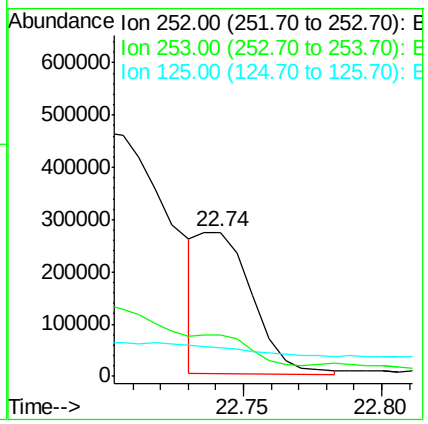
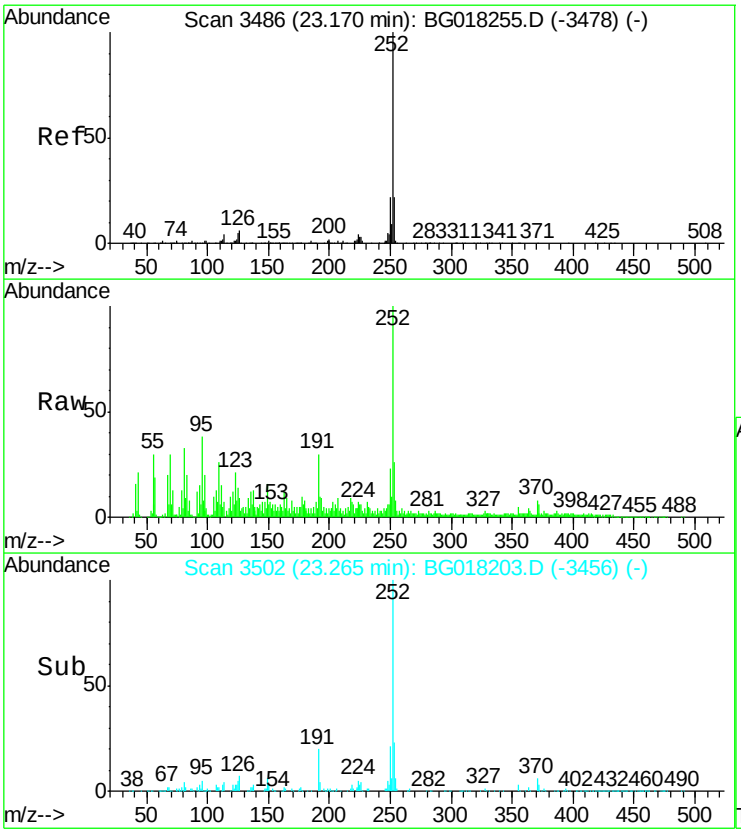
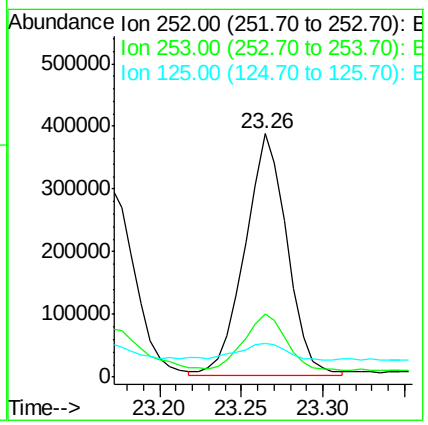


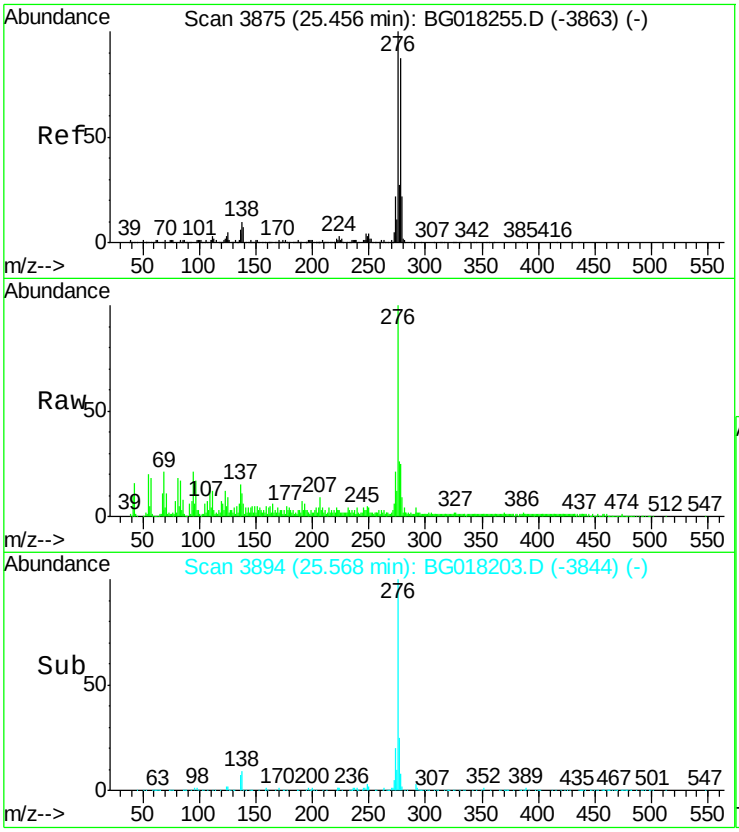


#91
Benzo(a)pyrene
Concen: 33.12 ng/ul m
RT: 23.26 min Scan# 3502
Delta R.T. 0.07 min
Lab File: BG018203.D
Acq: 1 Aug 2015 4:38

Tgt Ion:252 Resp: 688940

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.4	26.2
125	13.7	7.3	10.9#

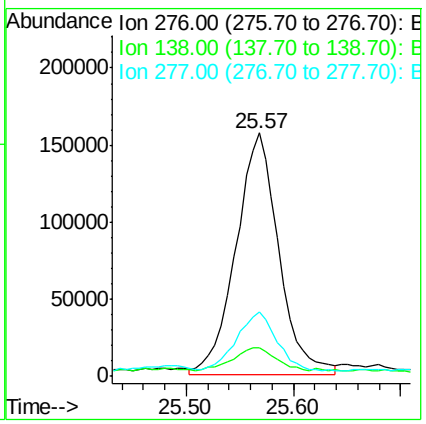




#92
Indeno(1,2,3-cd)pyrene
Concen: 18.08 ng/ul m
RT: 25.57 min Scan# 3894
Delta R.T. 0.09 min
Lab File: BG018203.D
Acq: 1 Aug 2015 4:38

Tgt Ion:276 Resp: 435162

Ion	Ratio	Lower	Upper
276	100		
138	11.5	17.2	25.8#
277	26.2	19.5	29.3



Instrument :
BNA_G
ClientSampleId :
C02A6

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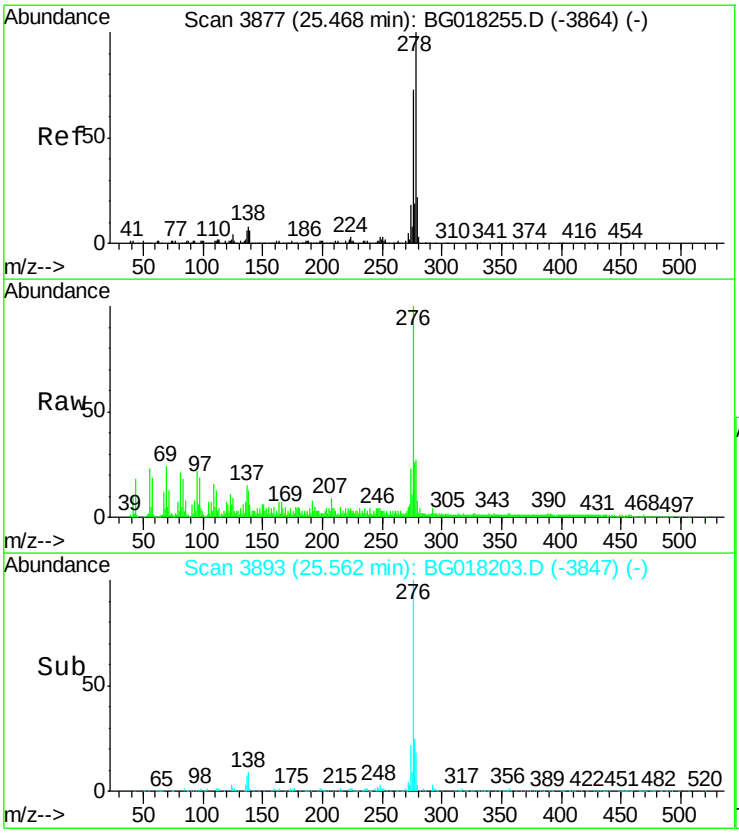
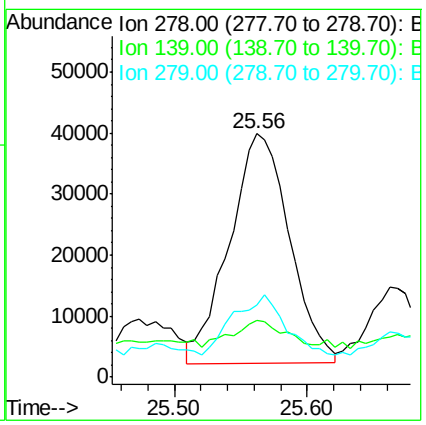
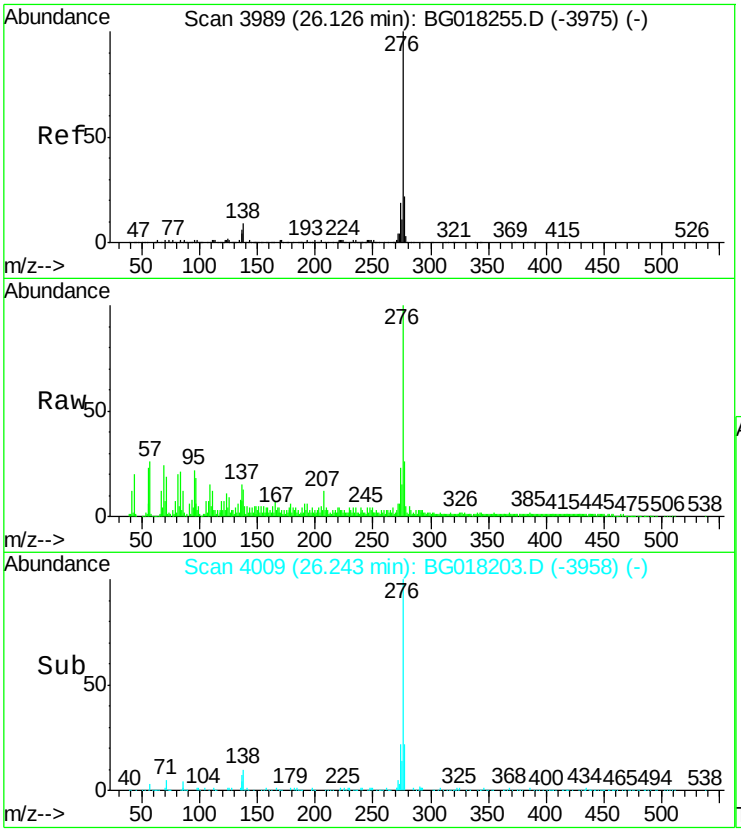


#93
Dibenzo(a,h)anthracene
Concen: 5.73 ng/ul m
RT: 25.56 min Scan# 3893
Delta R.T. 0.07 min
Lab File: BG018203.D
Acq: 1 Aug 2015 4:38

Tgt Ion:278 Resp: 118137

Ion	Ratio	Lower	Upper
278	100		
139	23.0	12.2	18.2#
279	29.4	20.0	30.0

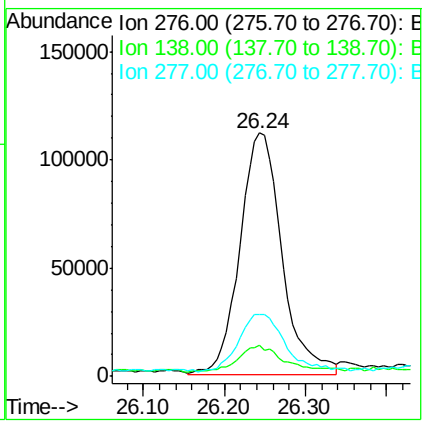




#94
Benzo(g,h,i)perylene
Concen: 20.54 ng/ul m
RT: 26.24 min Scan# 4009
Delta R.T. 0.10 min
Lab File: BG018203.D
Acq: 1 Aug 2015 4:38

Tgt Ion:276 Resp: 403621

Ion	Ratio	Lower	Upper
276	100		
138	12.7	15.1	22.7#
277	25.6	19.8	29.6



Instrument :
BNA_G
ClientSampleId :
C02A6

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