Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080315\
Data File : BG018250.D
Acq On : 3 Aug 2015 19:44
Operator : UM/TP
Sample : G3109-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01P4

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:18:05 PM

Quant Time: Aug 04 04:46:24 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 04 02:54:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	31313	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	145160	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	95860	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	179325m	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	119651m	20.00	ng/ul	0.00
86) Perylene-d12	23.28	264	122481	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.94	96	1154	2.78	ng/uL	0.00
5) Phenol-d5	6.66	99	35450	12.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	20165	14.01	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	31292	14.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	10367	4.52	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	19476	17.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	22959	17.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	30351	13.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	6198	2.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	124252	16.77	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	139399	16.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	16621	12.12	ng/ul	0.00
58) Fluorene-d10	15.14	176	107483	16.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	17120m	13.67	ng/ul	0.00
71) Anthracene-d10	16.99	188	127466	16.35	ng/ul	0.00
79) Pyrene-d10	19.30	212	102889m	17.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.13	264	97102	15.68	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.29	128	8449	1.21	ng/ul#	87
34) 2-Methylnaphthalene	11.92	142	10391	1.88	ng/ul	98
35) 1-Methylnaphthalene	12.14	142	8451	1.59	ng/ul#	84
45) Dimethylphthalate	13.60	163	48833	6.63	ng/ul	99
50) Acenaphthene	14.20	153	5859	1.05	ng/ul	94
59) Fluorene	15.19	166	12529	1.74	ng/ul	95
70) Phenanthrene	16.94	178	95285m	10.46	ng/ul	
72) Anthracene	17.02	178	44172	4.87	ng/ul	97
75) Carbazole	17.31	167	13907m	1.85	ng/ul	
76) Di-n-butylphthalate	17.88	149	17708m	1.77	ng/ul	
77) Fluoranthene	18.97	202	144229m	14.42	ng/ul	
80) Pyrene	19.33	202	110642m	15.25	ng/ul	
83) Benzo(a)anthracene	21.09	228	49601m	7.70	ng/ul	
85) Chrysene	21.14	228	53089	8.99	ng/ul	97
88) Benzo(b)fluoranthene	22.63	252	79799	10.85	ng/ul#	90
89) Benzo(k)fluoranthene	22.66	252	25449	3.76	ng/ul#	95
91) Benzo(a)pyrene	23.18	252	52944	8.04	ng/ul#	88
92) Indeno(1,2,3-cd)pyrene	25.46	276	37961	4.98	ng/ul#	85
94) Benzo(g,h,i)perylene	26.13	276	35542m	5.71	ng/ul	

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080315\
Data File : BG018250.D
Acq On : 3 Aug 2015 19:44
Operator : UM/TP
Sample : G3109-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 04 04:46:24 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 04 02:54:30 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C01P4

Manual Integrations APPROVED
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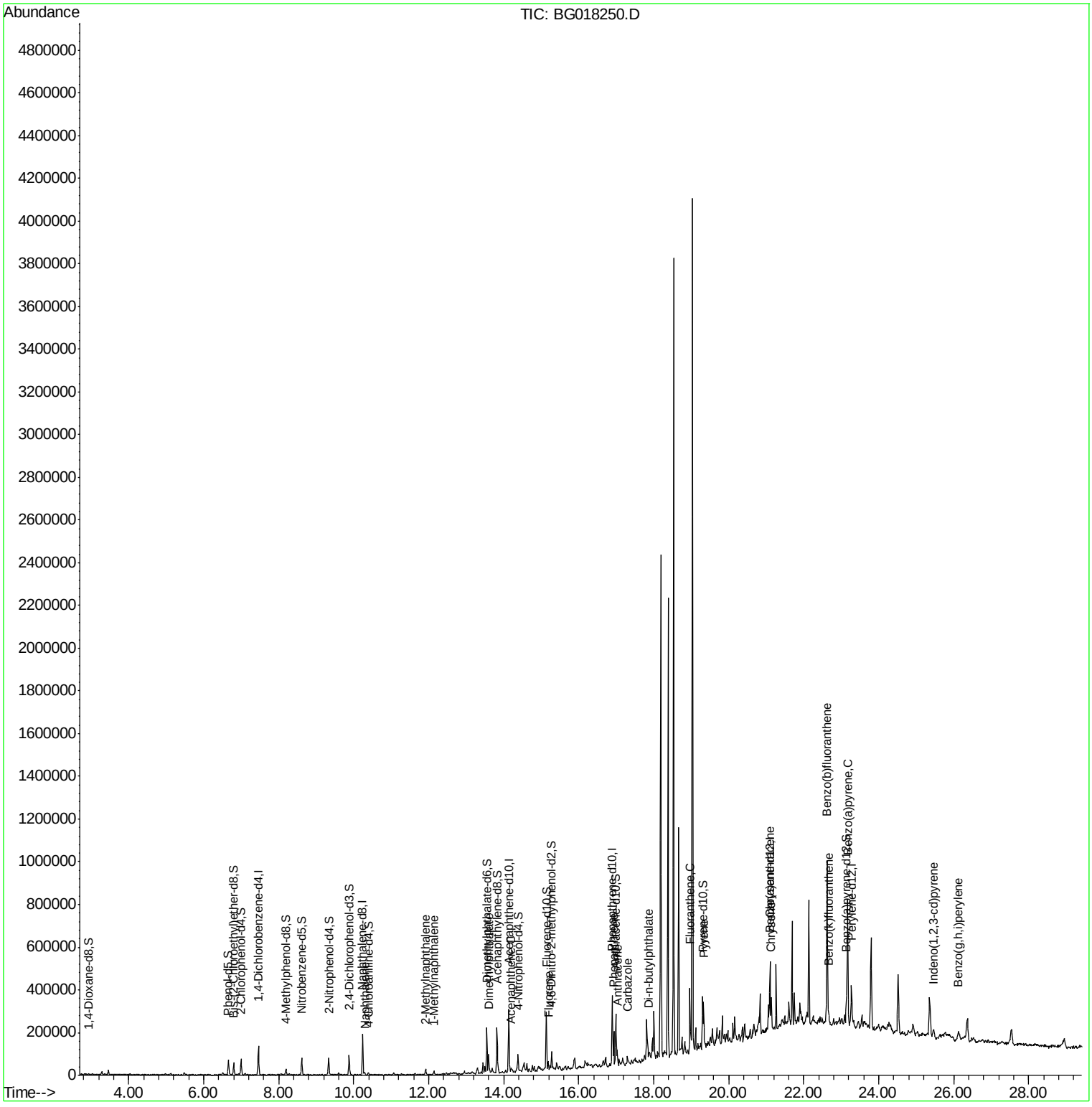
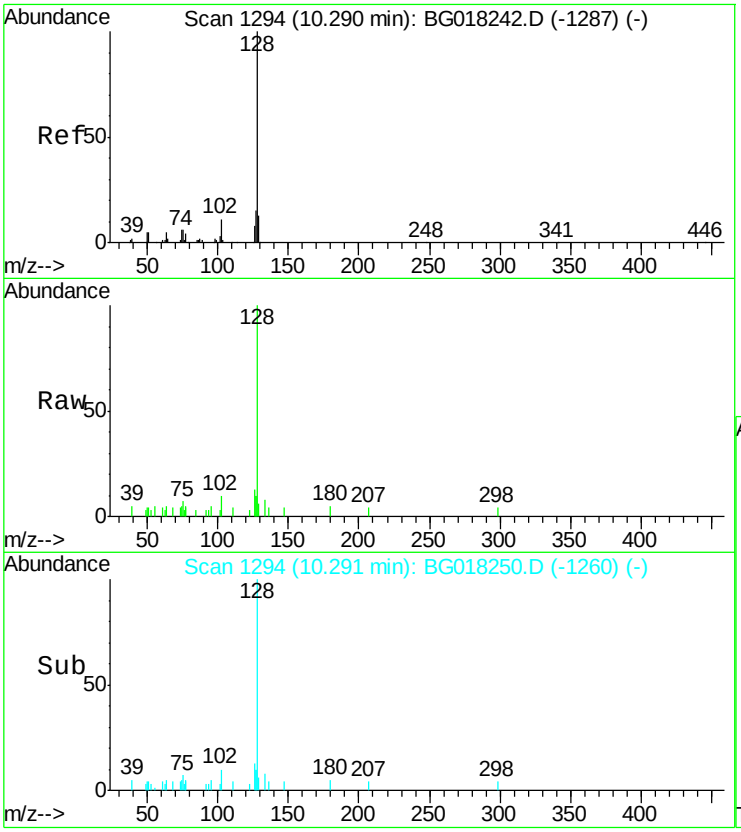
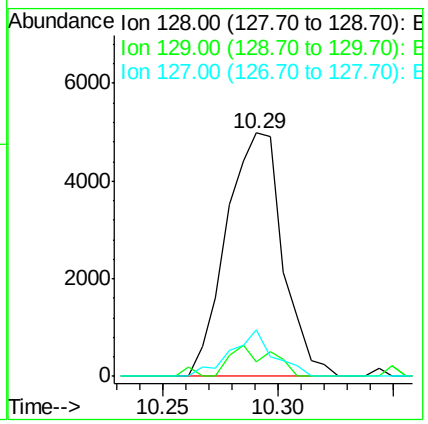




#28
Naphthalene
Concen: 1.21 ng/ul
RT: 10.29 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG018250.D
Acq: 3 Aug 2015 19:44

Tgt Ion:128 Resp: 8449

Ion	Ratio	Lower	Upper
128	100		
129	6.2	9.1	13.7#
127	19.3	11.2	16.8#



Instrument :
BNA_G
ClientSampleId :
C01P4

Manual Integrations APPROVED
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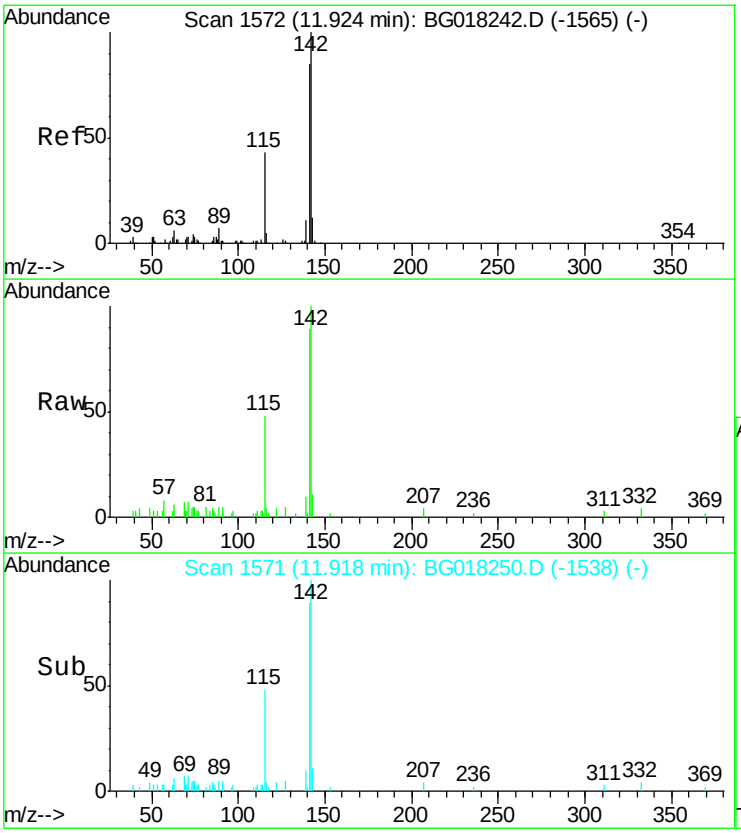
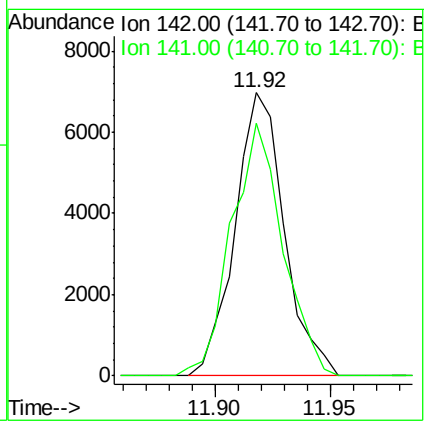
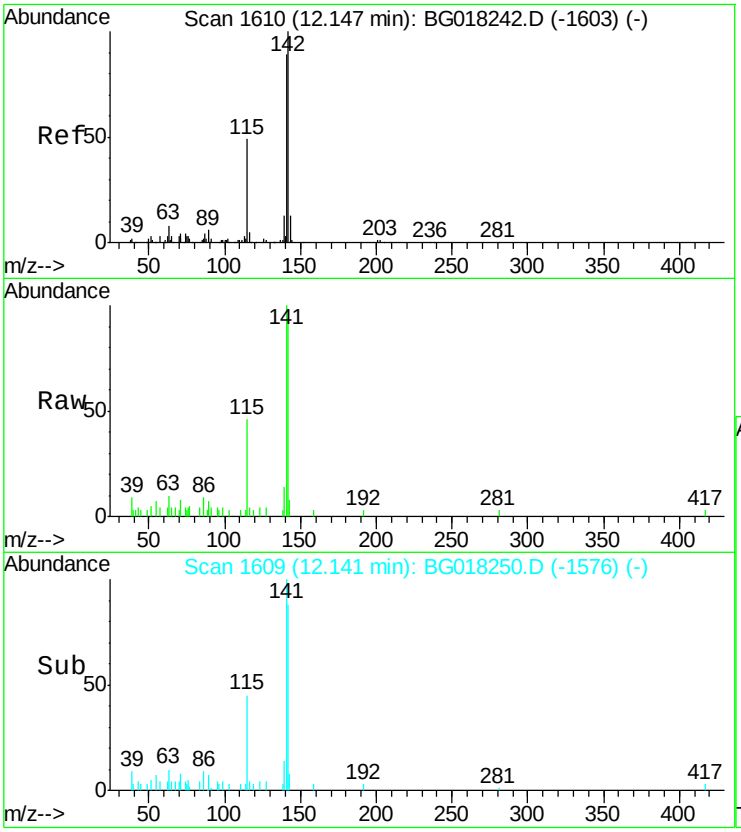


#34
2-Methylnaphthalene
Concen: 1.88 ng/ul
RT: 11.92 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BG018250.D
Acq: 3 Aug 2015 19:44

Tgt Ion:142 Resp: 10391

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.3	105.5

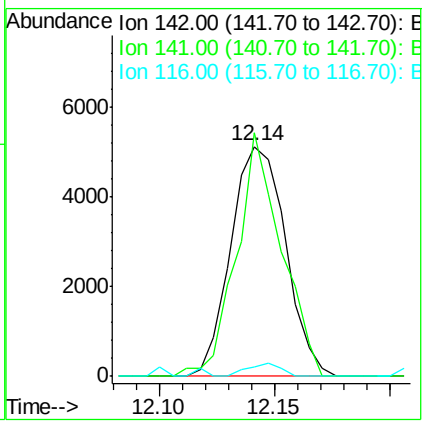




#35
1-Methylnaphthalene
Concen: 1.59 ng/ul
RT: 12.14 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BG018250.D
Acq: 3 Aug 2015 19:44

Tgt Ion:142 Resp: 8451

Ion	Ratio	Lower	Upper
142	100		
141	105.9	72.5	108.7
116	4.2	2.6	4.0#



Instrument :
BNA_G
ClientSampleId :
C01P4

Manual Integrations APPROVED
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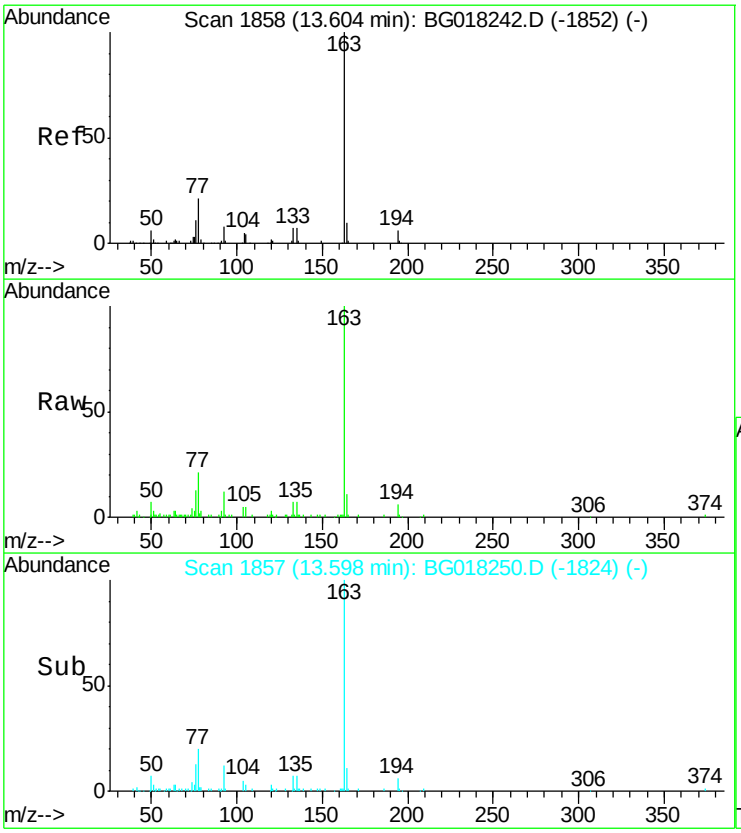
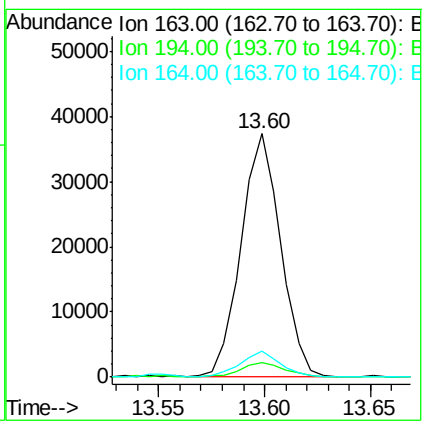
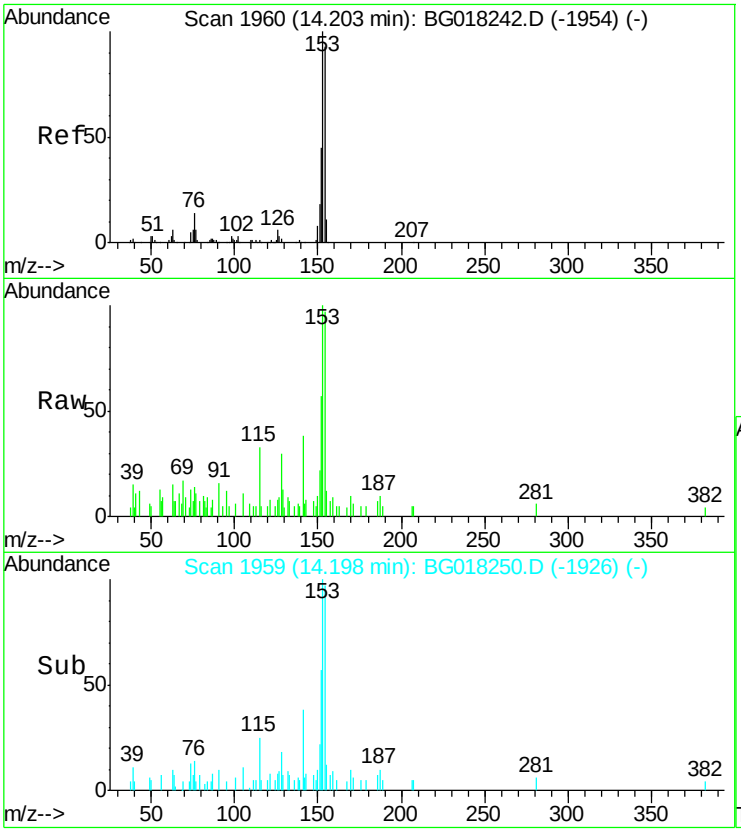


#45
Dimethylphthalate
Concen: 6.63 ng/ul
RT: 13.60 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BG018250.D
Acq: 3 Aug 2015 19:44

Tgt Ion:163 Resp: 48833

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

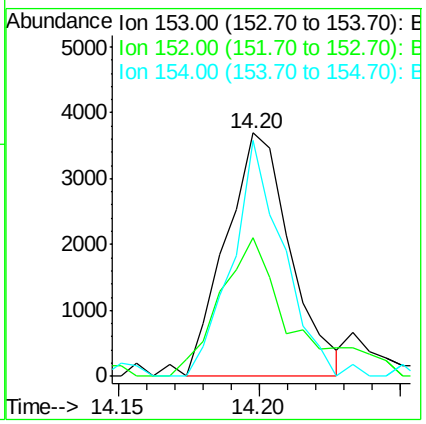




#50
Acenaphthene
Concen: 1.05 ng/ul
RT: 14.20 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG018250.D
Acq: 3 Aug 2015 19:44

Tgt Ion:153 Resp: 5859

Ion	Ratio	Lower	Upper
153	100		
152	56.7	38.7	58.1
154	96.8	74.8	112.2



Instrument :
BNA_G
ClientSampleId :
C01P4

Manual Integrations APPROVED
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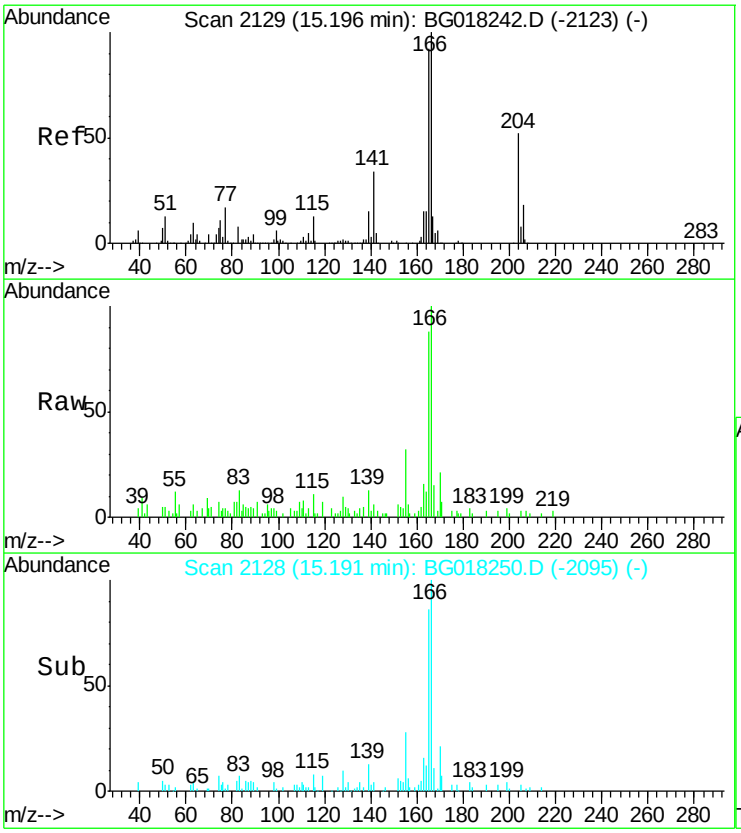
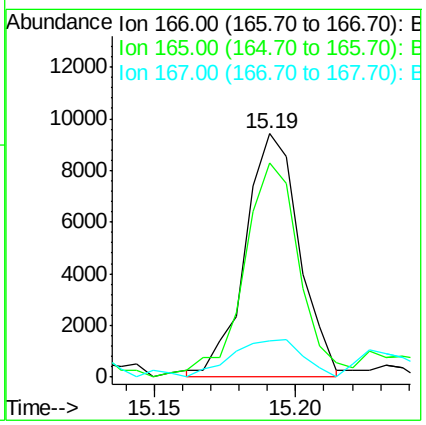
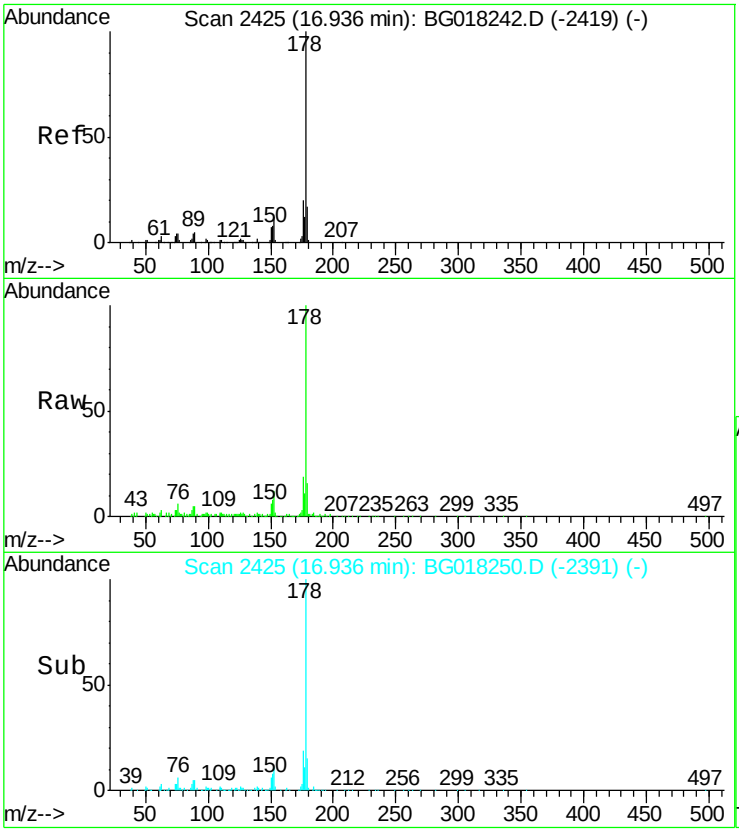


#59
Fluorene
Concen: 1.74 ng/ul
RT: 15.19 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG018250.D
Acq: 3 Aug 2015 19:44

Tgt Ion:166 Resp: 12529

Ion	Ratio	Lower	Upper
166	100		
165	87.9	75.1	112.7
167	14.9	11.8	17.6

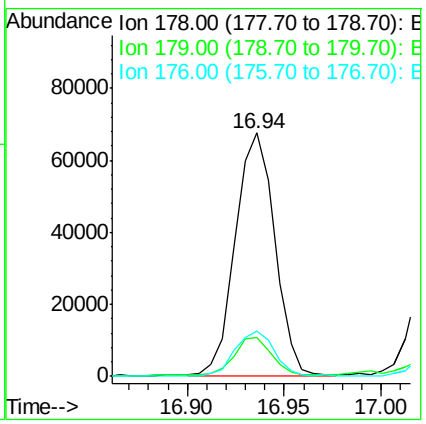




#70
Phenanthrene
Concen: 10.46 ng/ul m
RT: 16.94 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG018250.D
Acq: 3 Aug 2015 19:44

Tgt Ion:178 Resp: 95285

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.8	19.2
176	18.6	16.0	24.0



Instrument :
BNA_G
ClientSampleId :
C01P4

Manual Integrations APPROVED
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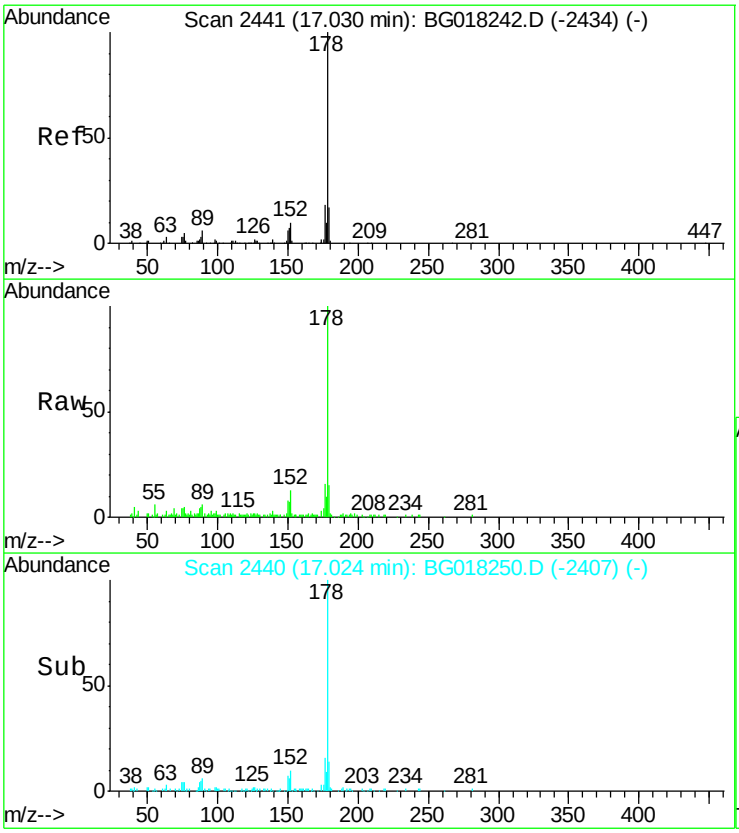
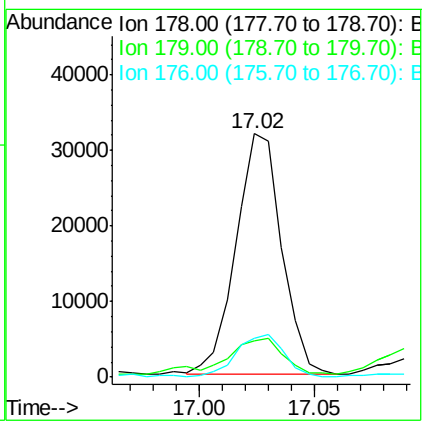
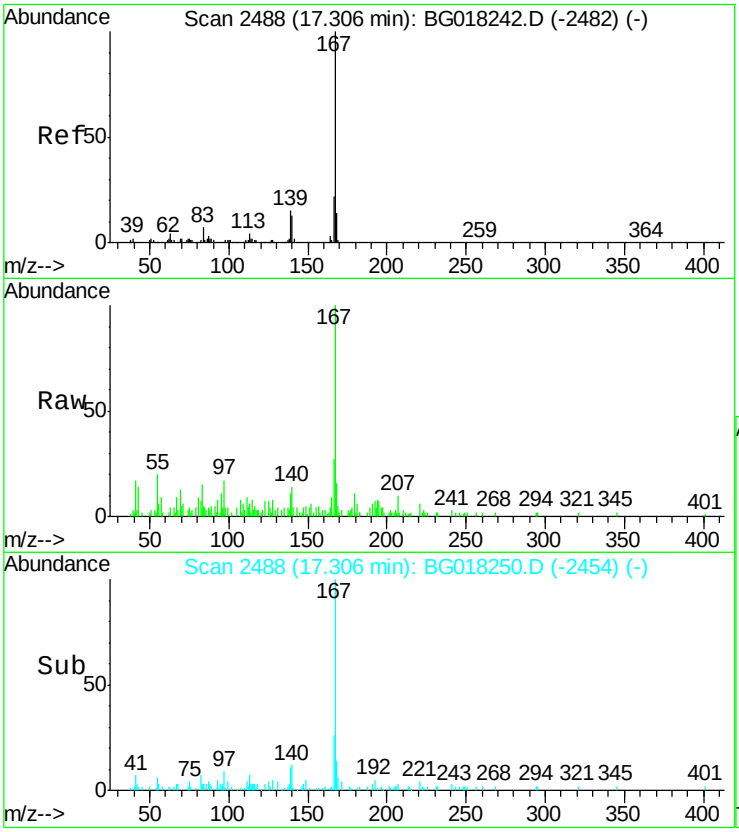


#72
Anthracene
Concen: 4.87 ng/ul
RT: 17.02 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG018250.D
Acq: 3 Aug 2015 19:44

Tgt Ion:178 Resp: 44172

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.2	18.2
176	16.2	14.8	22.2





#75
Carbazole
Concen: 1.85 ng/ul m
RT: 17.31 min Scan# 2488
Delta R.T. 0.00 min
Lab File: BG018250.D
Acq: 3 Aug 2015 19:44

Tgt Ion:167 Resp: 13907

Ion	Ratio	Lower	Upper
167	100		
166	27.1	17.5	26.3#
139	10.7	10.1	15.1

Instrument :
BNA_G
ClientSampleId :
C01P4

Manual Integrations APPROVED
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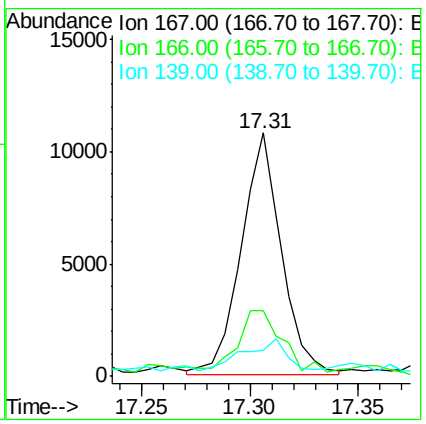
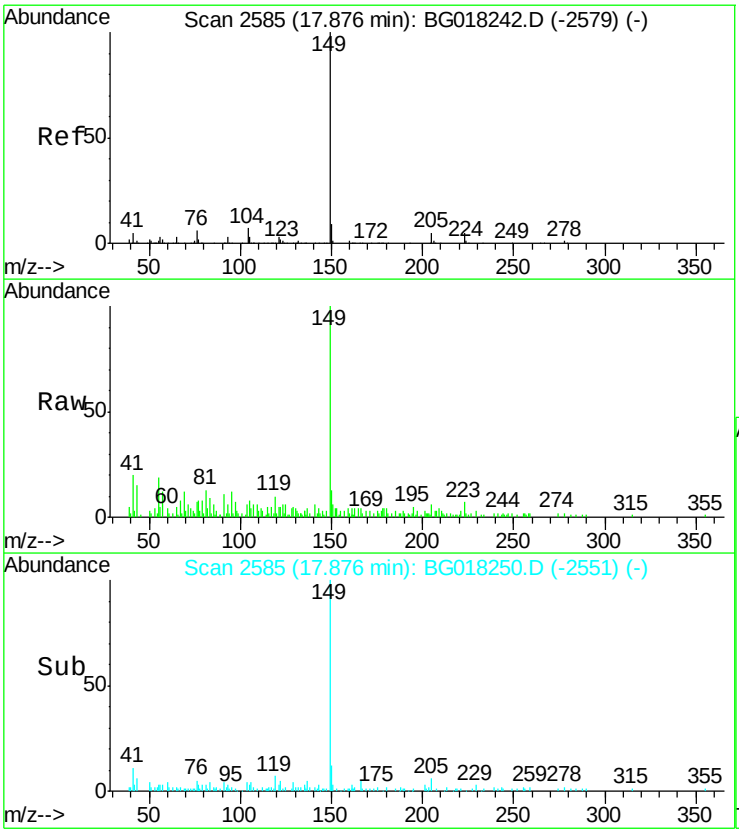
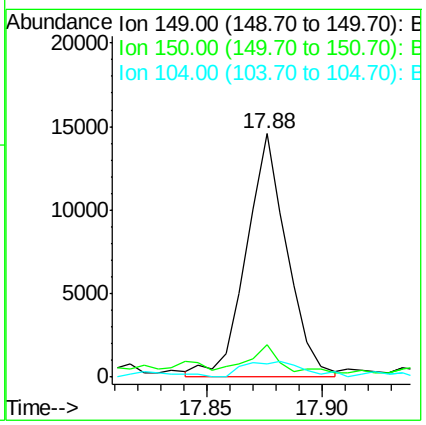


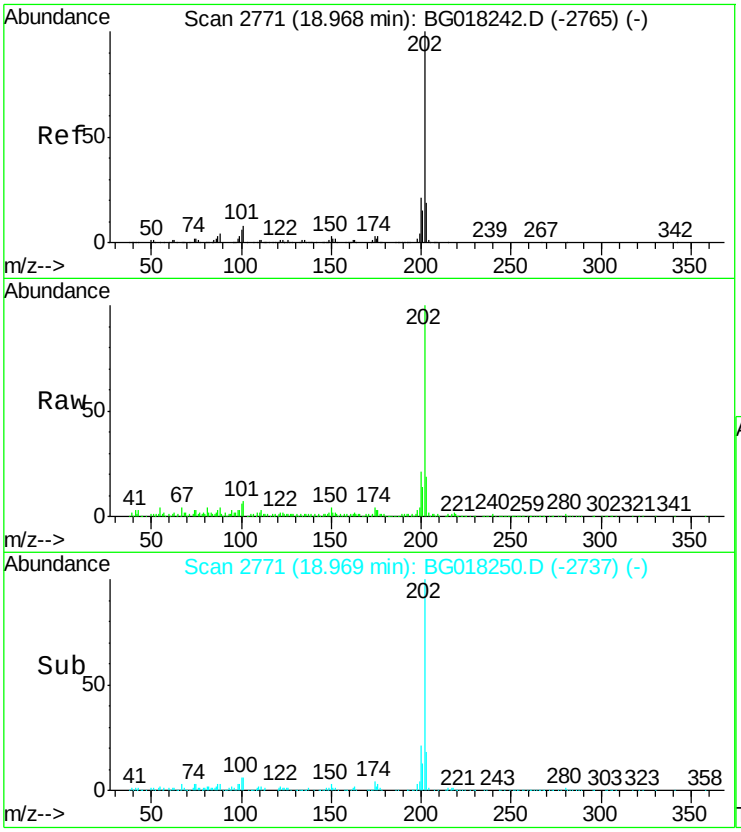


#76
Di-n-butylphthalate
Concen: 1.77 ng/ul m
RT: 17.88 min Scan# 2585
Delta R.T. 0.00 min
Lab File: BG018250.D
Acq: 3 Aug 2015 19:44

Tgt Ion:149 Resp: 17708

Ion	Ratio	Lower	Upper
149	100		
150	13.2	7.7	11.5#
104	5.6	3.6	5.4#

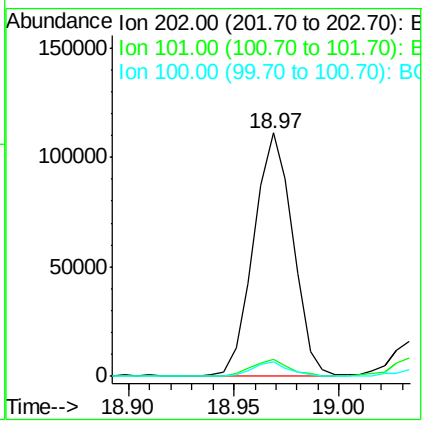




#77
Fluoranthene
Concen: 14.42 ng/ul m
RT: 18.97 min Scan# 2771
Delta R.T. 0.00 min
Lab File: BG018250.D
Acq: 3 Aug 2015 19:44

Tgt Ion:202 Resp: 144229

Ion	Ratio	Lower	Upper
202	100		
101	7.0	7.5	11.3#
100	6.0	5.5	8.3



Instrument :
BNA_G
ClientSampleId :
C01P4

Manual Integrations APPROVED
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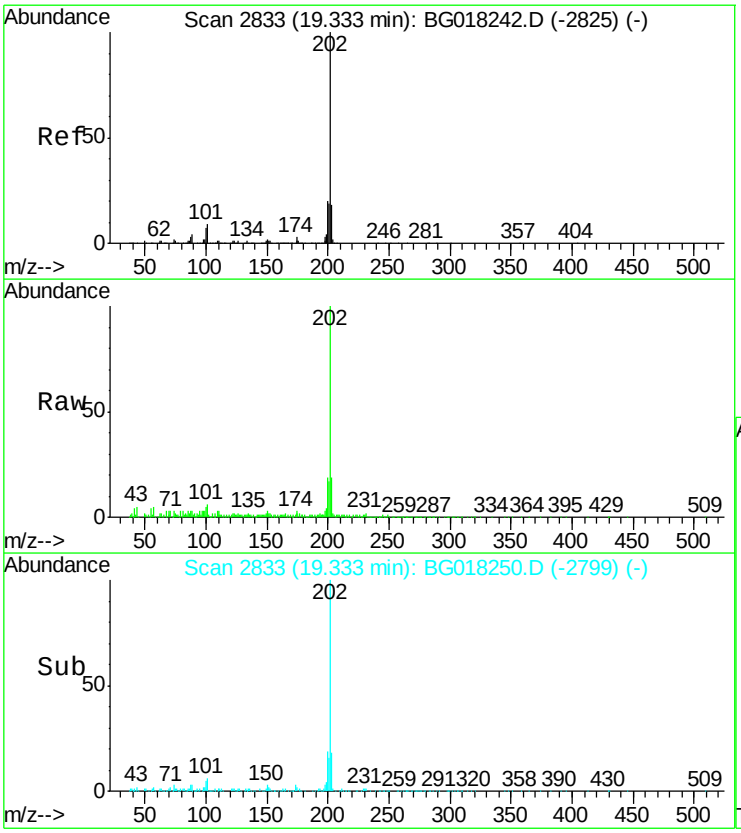
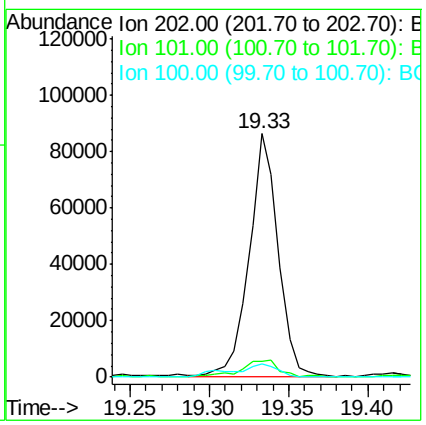
8/4/2015 12:18:05 PM

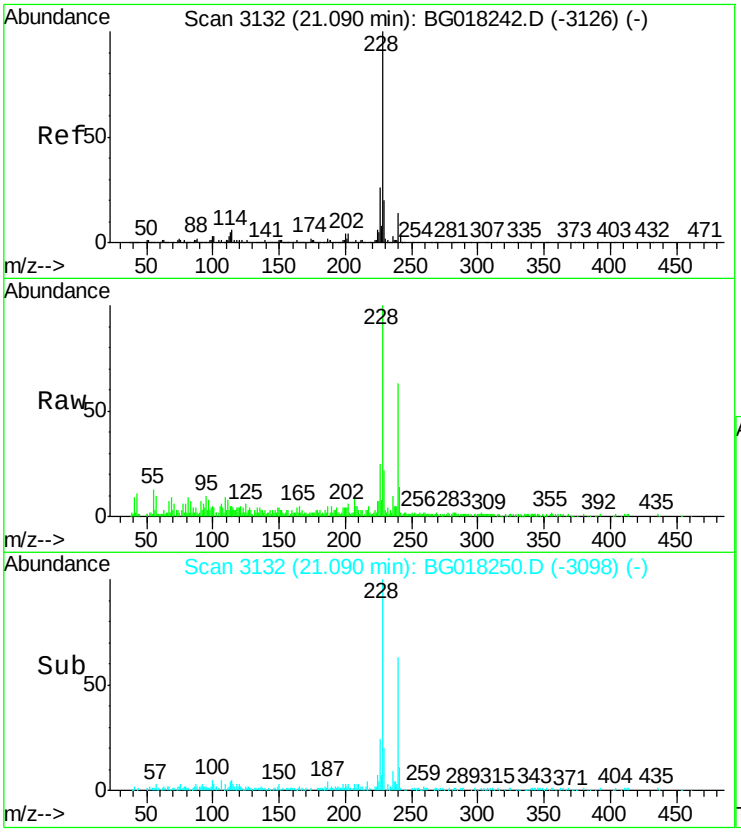


#80
Pyrene
Concen: 15.25 ng/ul m
RT: 19.33 min Scan# 2833
Delta R.T. 0.00 min
Lab File: BG018250.D
Acq: 3 Aug 2015 19:44

Tgt Ion:202 Resp: 110642

Ion	Ratio	Lower	Upper
202	100		
101	6.2	8.1	12.1#
100	5.2	7.4	11.0#

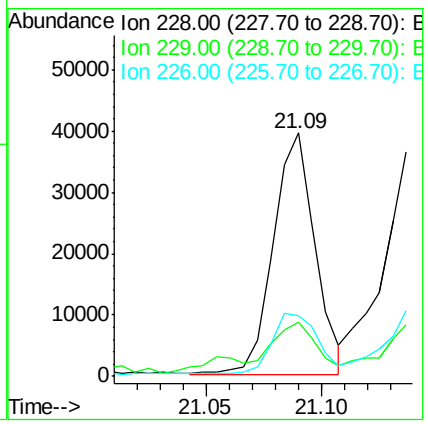




#83
Benzo(a)anthracene
Concen: 7.70 ng/ul m
RT: 21.09 min Scan# 3132
Delta R.T. 0.00 min
Lab File: BG018250.D
Acq: 3 Aug 2015 19:44

Tgt Ion:228 Resp: 49601

Ion	Ratio	Lower	Upper
228	100		
229	22.3	16.5	24.7
226	25.1	21.5	32.3



Instrument :
BNA_G
ClientSampleId :
C01P4

Manual Integrations APPROVED
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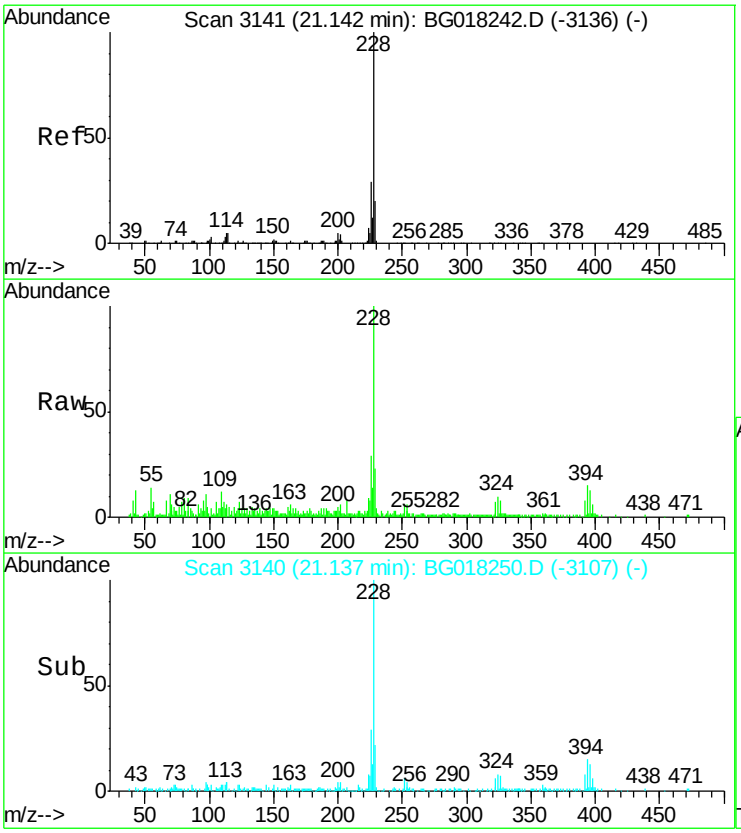
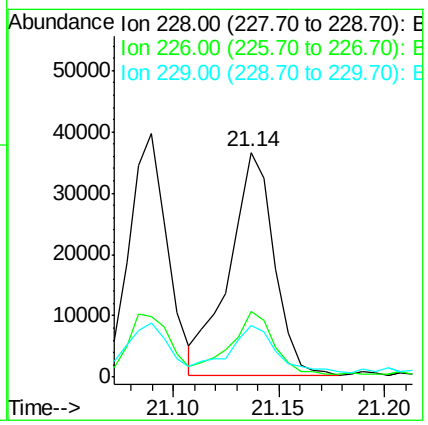
8/4/2015 12:18:05 PM

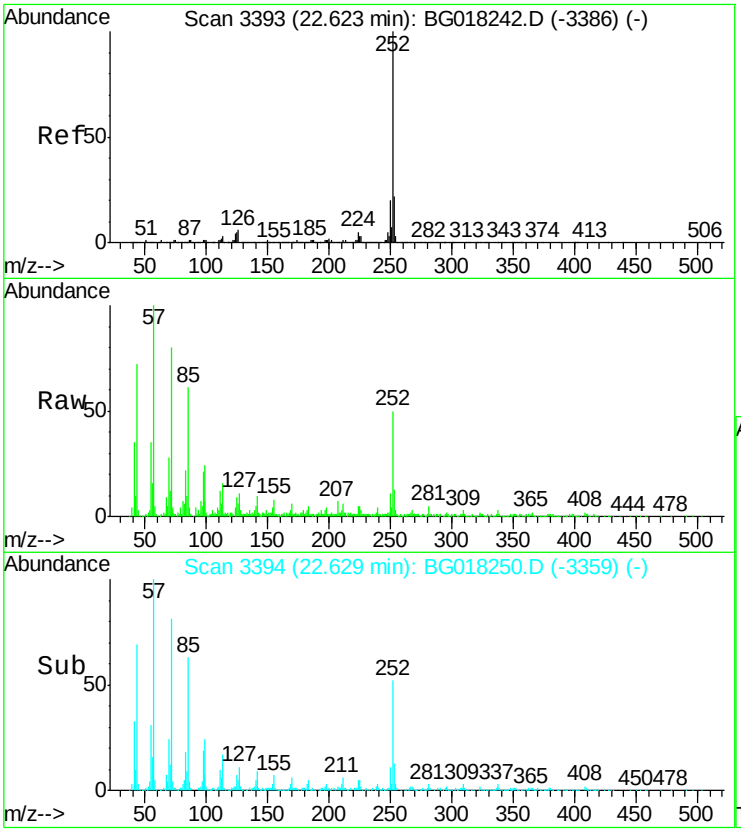


#85
Chrysene
Concen: 8.99 ng/ul
RT: 21.14 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG018250.D
Acq: 3 Aug 2015 19:44

Tgt Ion:228 Resp: 53089

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.7	34.1
229	23.0	16.2	24.2





#88
Benzo(b)fluoranthene
Concen: 10.85 ng/ul
RT: 22.63 min Scan# 3394
Delta R.T. 0.01 min
Lab File: BG018250.D
Acq: 3 Aug 2015 19:44

Tgt Ion:252 Resp: 79799

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.5	27.7
125	17.4	7.4	11.0#

Instrument :
BNA_G
ClientSampleId :
C01P4

Manual Integrations APPROVED
MMDadoda
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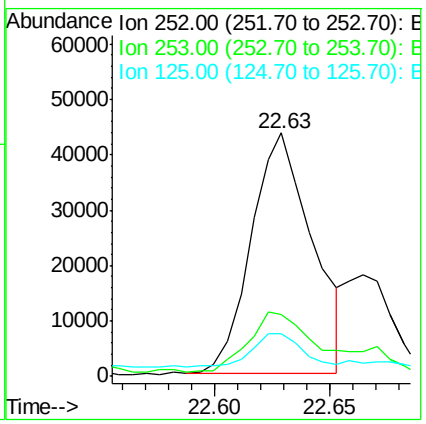
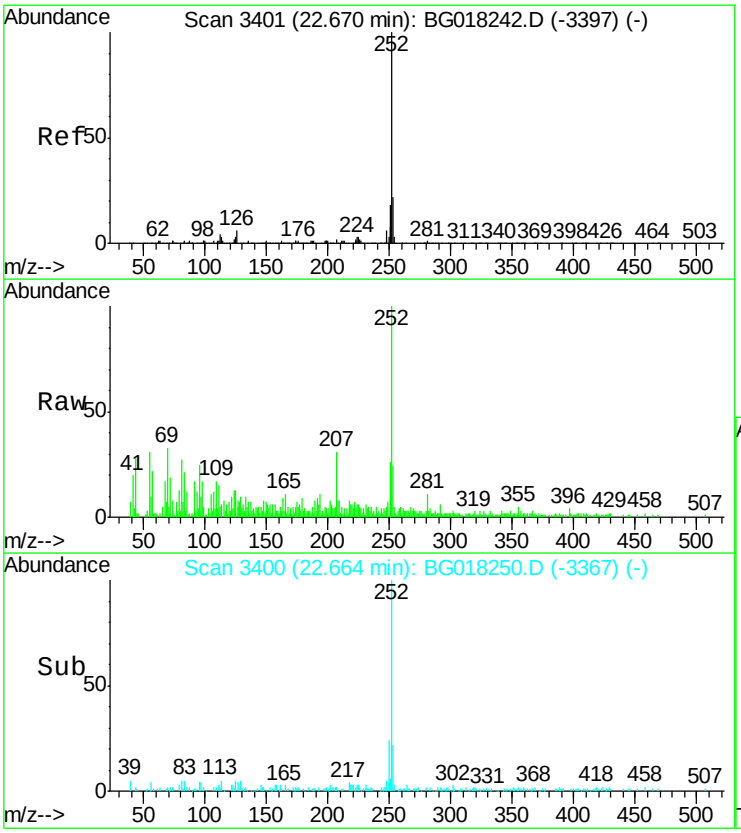
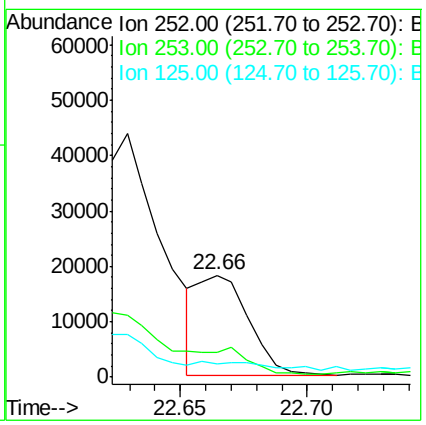


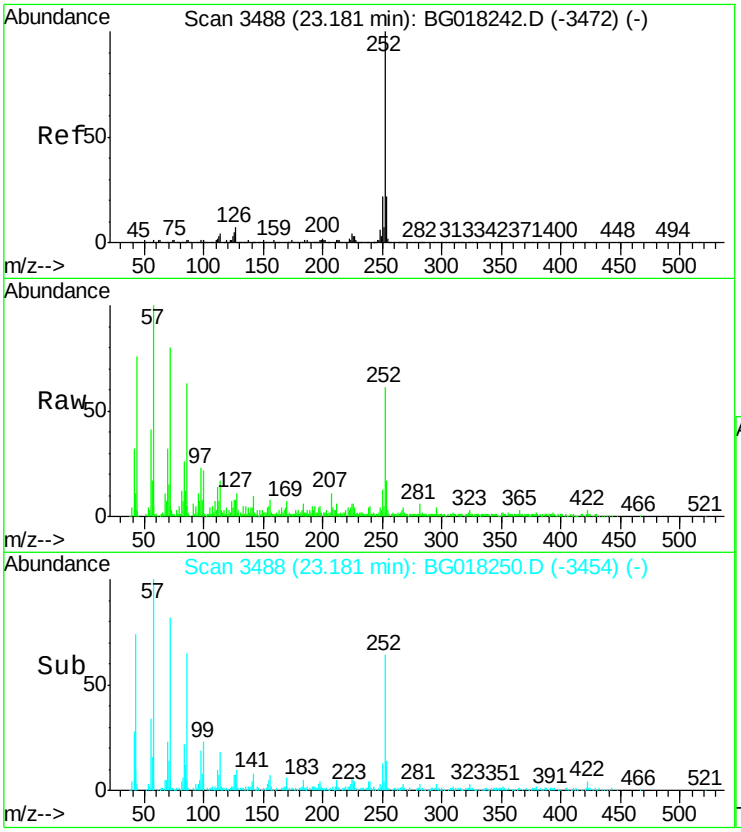


#89
Benzo(k)fluoranthene
Concen: 3.76 ng/ul
RT: 22.66 min Scan# 3400
Delta R.T. -0.01 min
Lab File: BG018250.D
Acq: 3 Aug 2015 19:44

Tgt Ion:252 Resp: 25449

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.2
125	12.6	7.5	11.3#

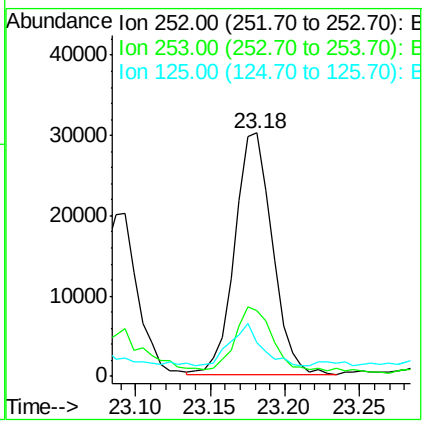




#91
Benzo(a)pyrene
Concen: 8.04 ng/ul
RT: 23.18 min Scan# 3488
Delta R.T. 0.00 min
Lab File: BG018250.D
Acq: 3 Aug 2015 19:44

Tgt Ion:252 Resp: 52944

Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.4	26.2#
125	13.8	7.3	10.9#



Instrument :
BNA_G
ClientSampleId :
C01P4

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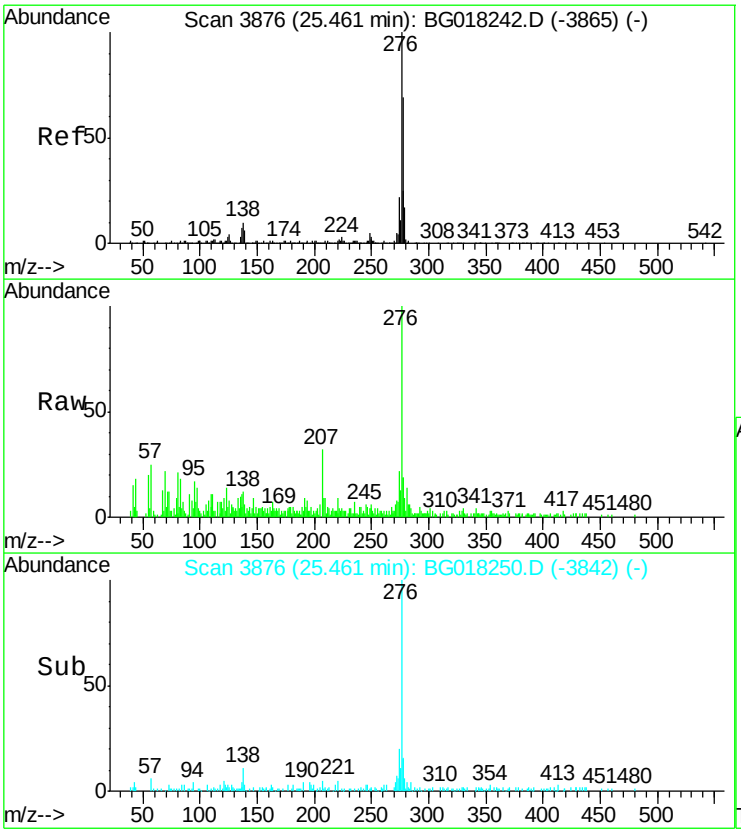
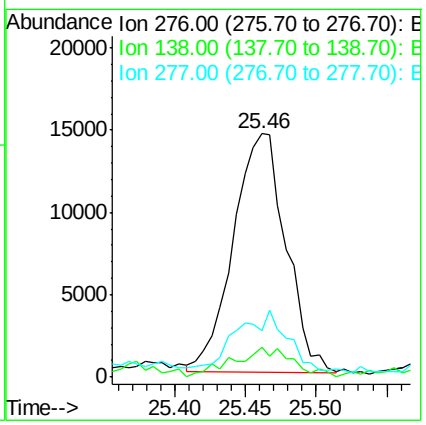
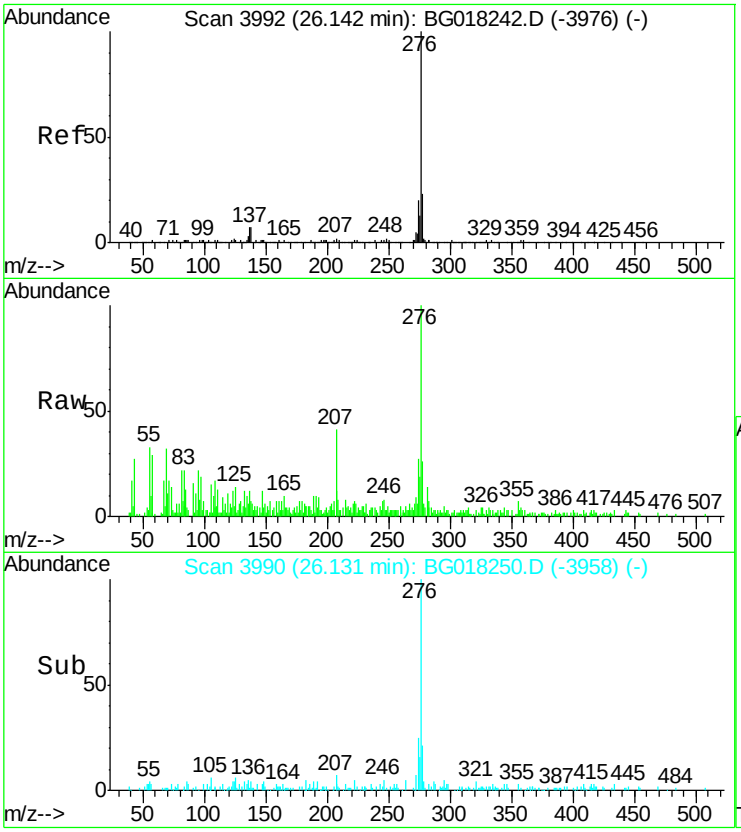


#92
Indeno(1,2,3-cd)pyrene
Concen: 4.98 ng/ul
RT: 25.46 min Scan# 3876
Delta R.T. 0.00 min
Lab File: BG018250.D
Acq: 3 Aug 2015 19:44

Tgt Ion:276 Resp: 37961

Ion	Ratio	Lower	Upper
276	100		
138	12.2	17.2	25.8#
277	19.0	19.5	29.3#

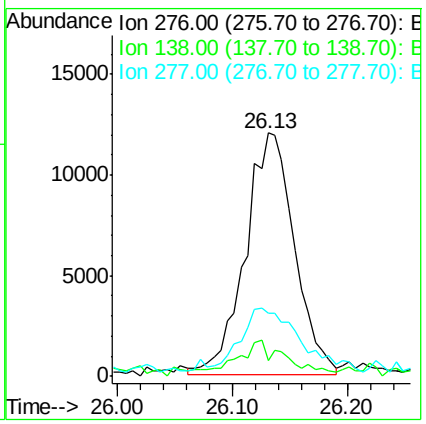




#94
Benzo(g,h,i)perylene
Concen: 5.71 ng/ul m
RT: 26.13 min Scan# 3990
Delta R.T. -0.01 min
Lab File: BG018250.D
Acq: 3 Aug 2015 19:44

Tgt Ion:276 Resp: 35542

Ion	Ratio	Lower	Upper
276	100		
138	6.5	15.1	22.7#
277	26.0	19.8	29.6



Instrument :
BNA_G
ClientSampleId :
C01P4

Manual Integrations APPROVED
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