Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
Data File : BG018300.D
Acq On : 6 Aug 2015 12:25
Operator : UM/TP
Sample : G3109-08DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01J2DL

Manual Integrations APPROVED
MMDadoda
8/10/2015 10:12:16 AM

Quant Time: Aug 07 01:44:53 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 07 01:32:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	20653	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	96634	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	66588	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	167467	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	115198	20.00	ng/ul	0.00
86) Perylene-d12	23.26	264	88515	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.65	99	2953	1.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	1165	1.48	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	2300	1.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.18	113	1206	0.88	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	1507	2.01	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.32	143	1750	2.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	2483	1.56	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.53	166	12165	2.36	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	10901	1.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	771	0.91	ng/ul	0.00
58) Fluorene-d10	15.12	176	10683	2.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	16.98	188	15444	2.10	ng/ul	0.00
79) Pyrene-d10	19.29	212	15311	2.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.12	264	7591	1.65	ng/ul	-0.02
Target Compounds						Qvalue
50) Acenaphthene	14.19	153	7403	1.90	ng/ul#	82
54) Dibenzofuran	14.52	168	12066	2.11	ng/ul	93
59) Fluorene	15.18	166	18810	3.74	ng/ul	95
70) Phenanthrene	16.92	178	315715	37.36	ng/ul	96
72) Anthracene	17.01	178	57730	6.84	ng/ul	96
75) Carbazole	17.29	167	18793	2.64	ng/ul	96
77) Fluoranthene	18.96	202	420245	44.83	ng/ul#	96
80) Pyrene	19.32	202	322238	40.23	ng/ul	99
83) Benzo(a)anthracene	21.08	228	128980	21.21	ng/ul	98
85) Chrysene	21.13	228	115663	21.17	ng/ul	94
88) Benzo(b)fluoranthene	22.62	252	106442	19.61	ng/ul	98
89) Benzo(k)fluoranthene	22.65	252	46853m	9.00	ng/ul	
91) Benzo(a)pyrene	23.18	252	78300	16.52	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.45	276	62471	10.65	ng/ul#	93
93) Dibenzo(a,h)anthracene	25.45	278	14843	2.88	ng/ul	94
94) Benzo(g,h,i)perylene	26.13	276	54471	11.45	ng/ul#	91

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
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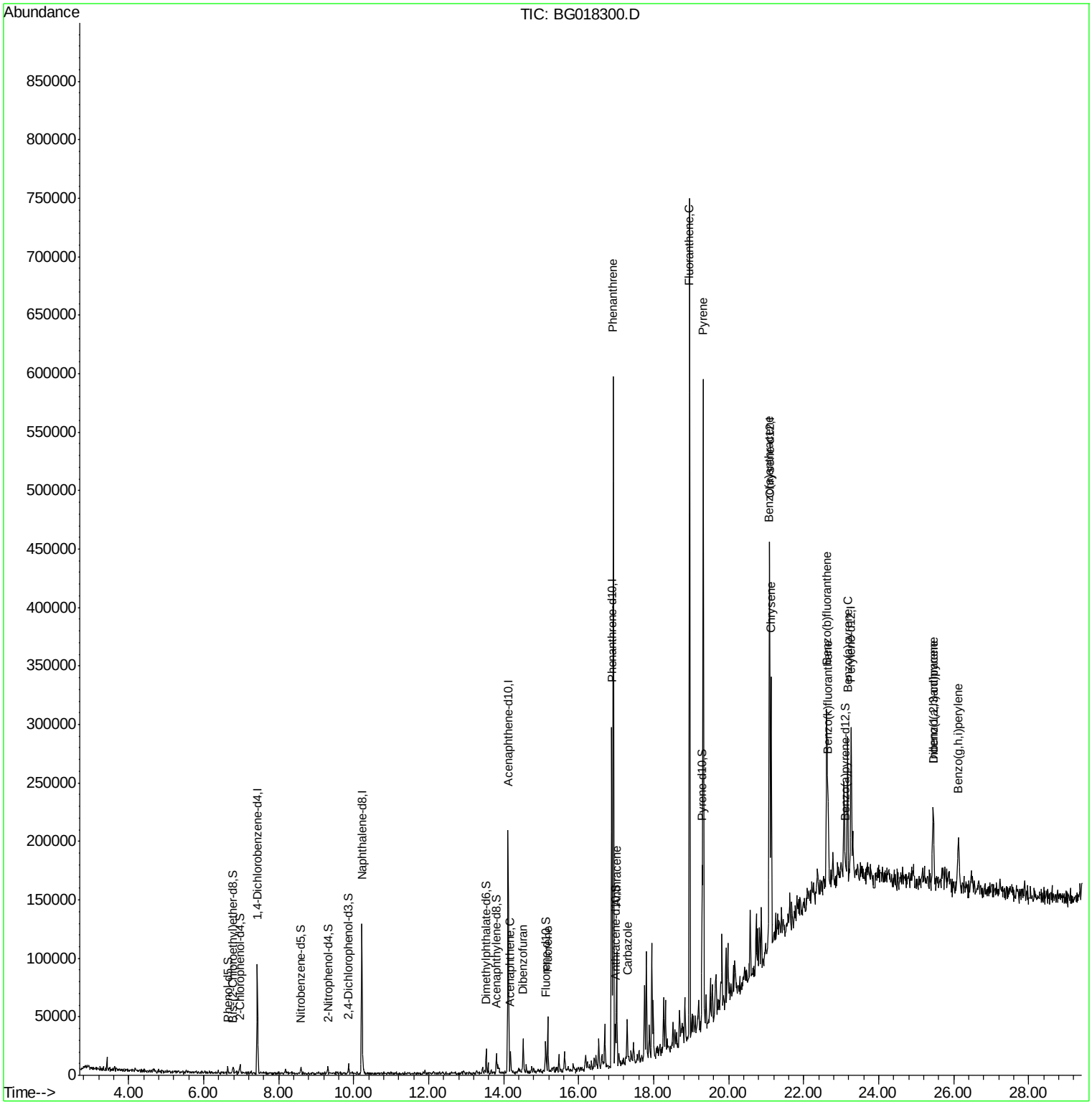
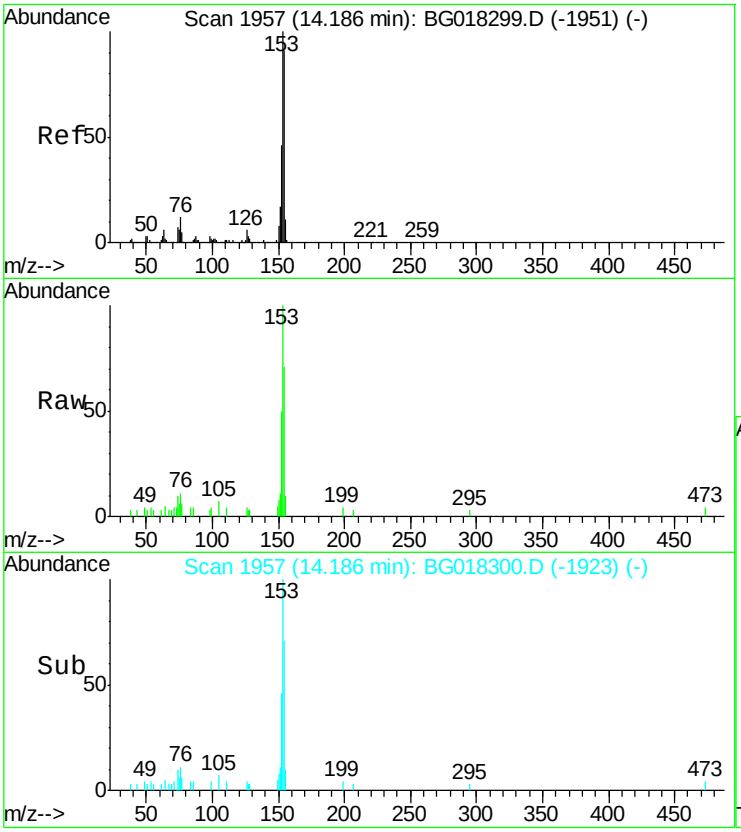
Acq On : 6 Aug 2015 12:25
Operator : UM/TP
Sample : G3109-08DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 07 01:44:53 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 07 01:32:43 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C01J2DL

Manual Integrations APPROVED
MMDadoda
8/10/2015 10:12:16 AM

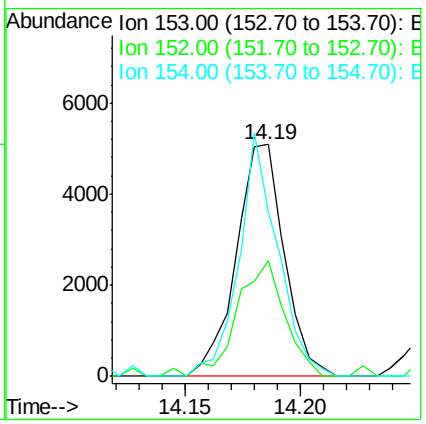




#50
Acenaphthene
Concen: 1.90 ng/ul
RT: 14.19 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BG018300.D
Acq: 6 Aug 2015 12:25

Tgt Ion:153 Resp: 7403

Ion	Ratio	Lower	Upper
153	100		
152	50.1	39.0	58.4
154	70.9	77.4	116.2#



Instrument :
BNA_G
ClientSampleId :
C01J2DL

Manual Integrations APPROVED
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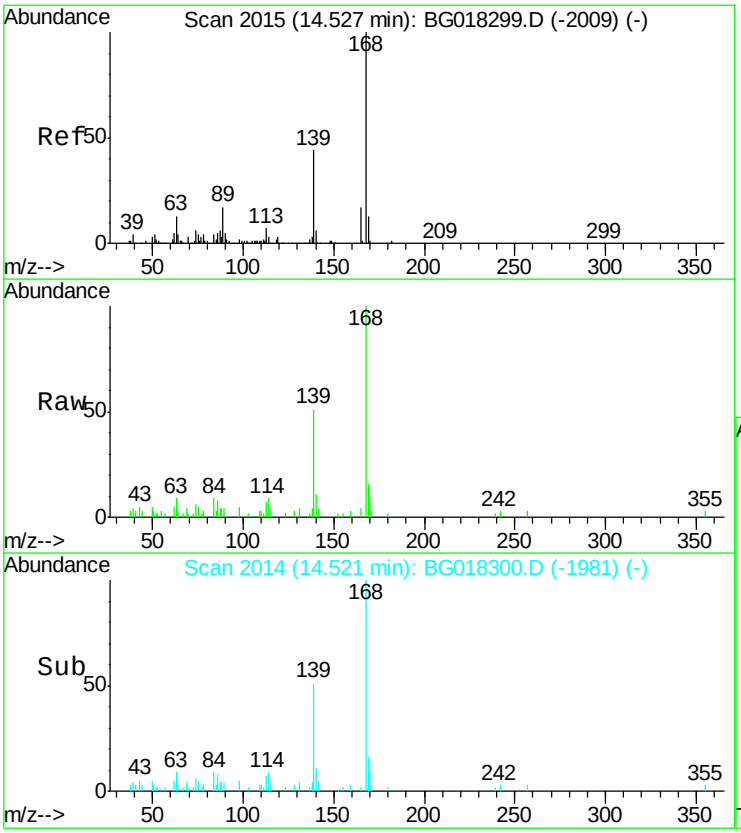
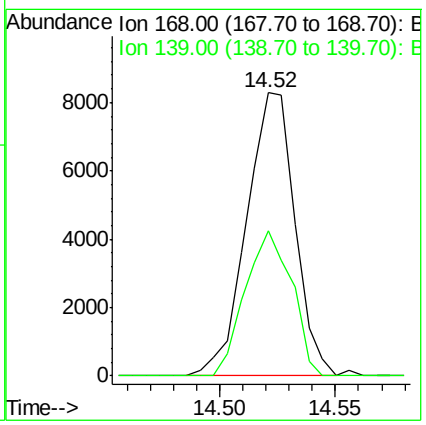
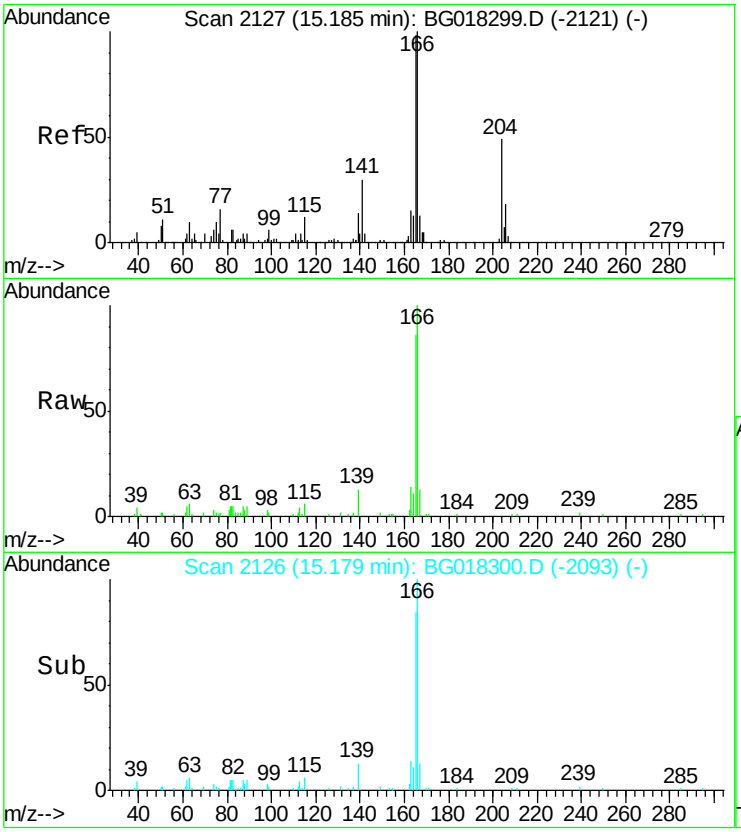


#54
Dibenzofuran
Concen: 2.11 ng/ul
RT: 14.52 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG018300.D
Acq: 6 Aug 2015 12:25

Tgt Ion:168 Resp: 12066

Ion	Ratio	Lower	Upper
168	100		
139	51.2	37.1	55.7

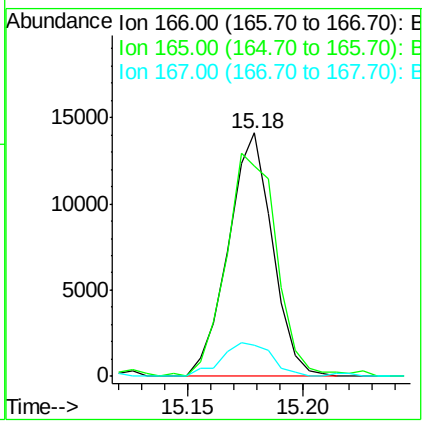




#59
Fluorene
Concen: 3.74 ng/ul
RT: 15.18 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG018300.D
Acq: 6 Aug 2015 12:25

Tgt Ion:166 Resp: 18810

Ion	Ratio	Lower	Upper
166	100		
165	86.2	72.4	108.6
167	12.6	11.4	17.0



Instrument :
BNA_G
ClientSampleId :
C01J2DL

Manual Integrations APPROVED
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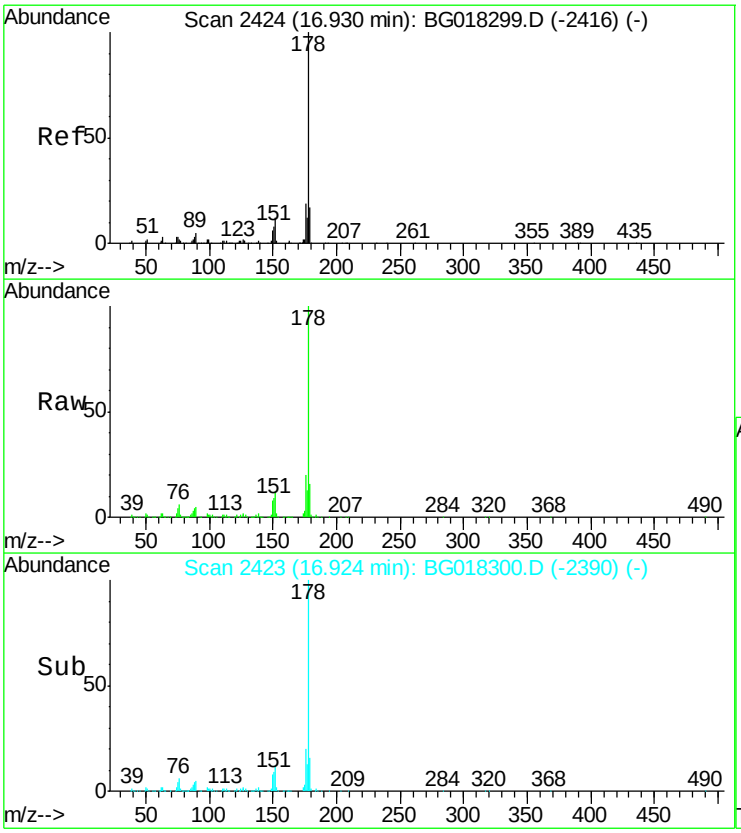
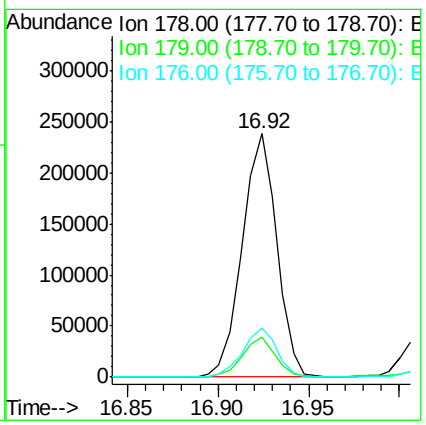
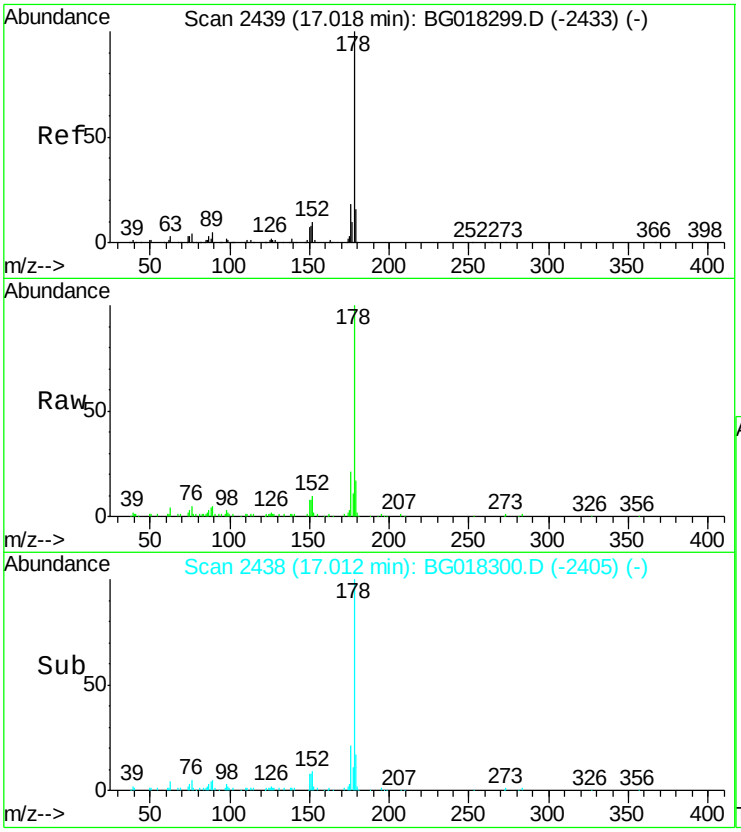


#70
Phenanthrene
Concen: 37.36 ng/ul
RT: 16.92 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG018300.D
Acq: 6 Aug 2015 12:25

Tgt Ion:178 Resp: 315715

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.2	18.4
176	20.2	14.5	21.7

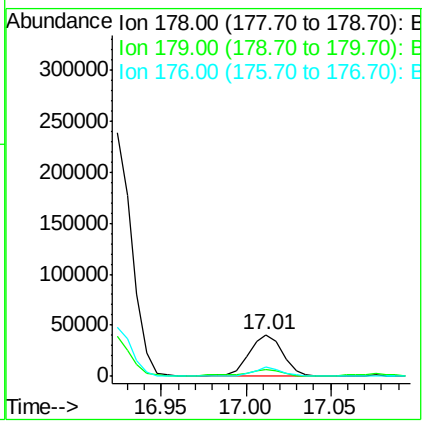




#72
Anthracene
Concen: 6.84 ng/ul
RT: 17.01 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG018300.D
Acq: 6 Aug 2015 12:25

Tgt Ion:178 Resp: 57730

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.2	18.4
176	21.2	15.3	22.9



Instrument :
BNA_G
ClientSampleId :
C01J2DL

Manual Integrations APPROVED
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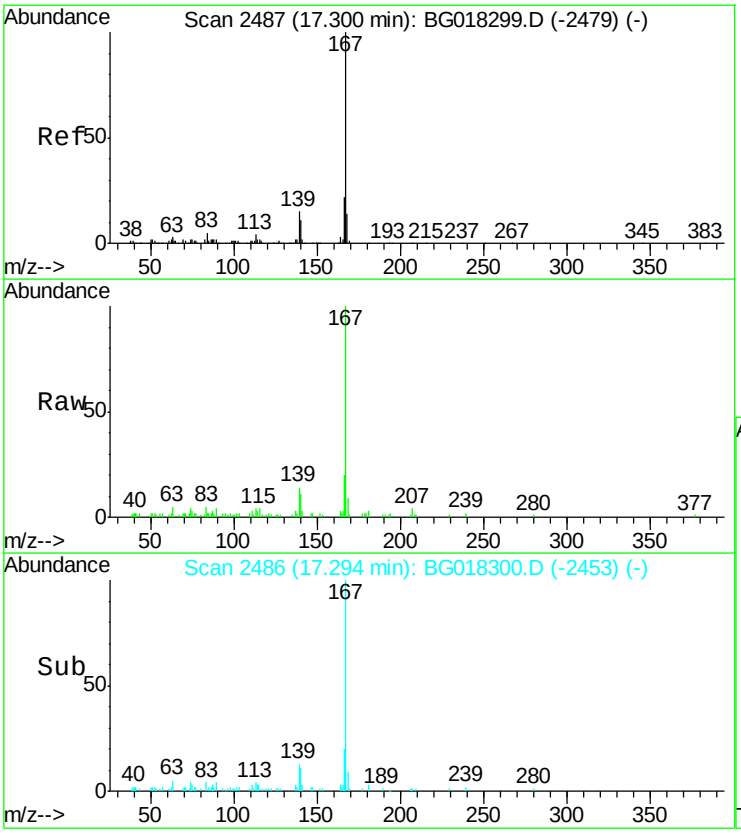
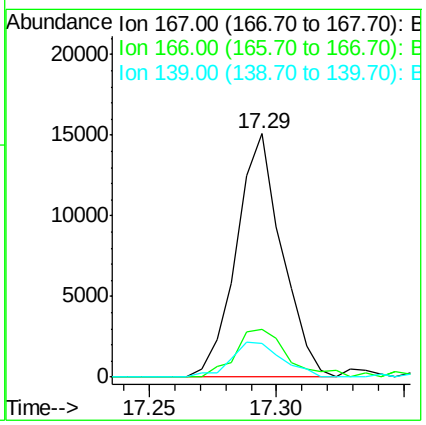
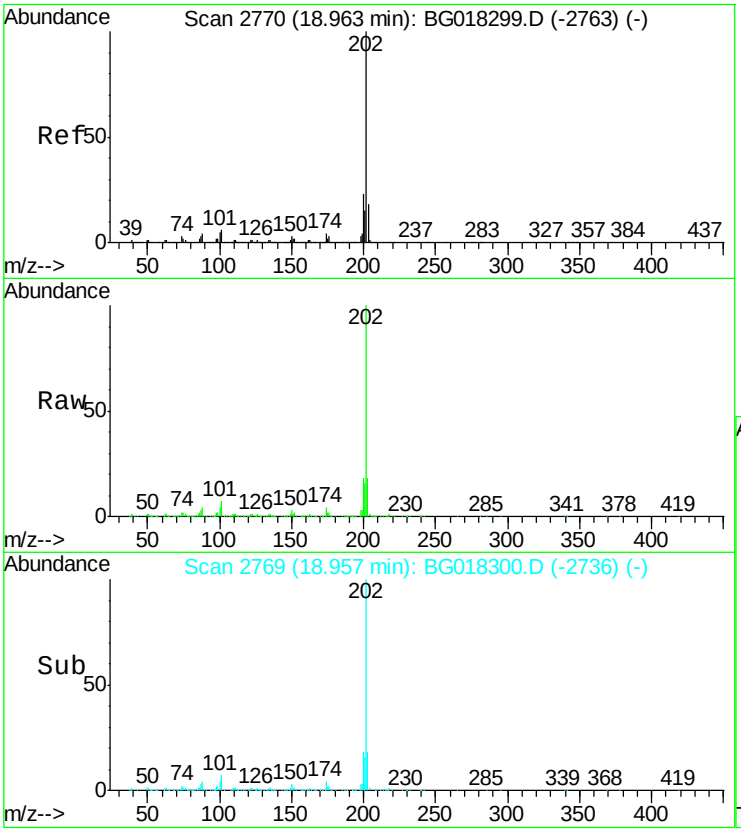


#75
Carbazole
Concen: 2.64 ng/ul
RT: 17.29 min Scan# 2486
Delta R.T. -0.01 min
Lab File: BG018300.D
Acq: 6 Aug 2015 12:25

Tgt Ion:167 Resp: 18793

Ion	Ratio	Lower	Upper
167	100		
166	19.6	17.8	26.8
139	13.9	10.6	16.0

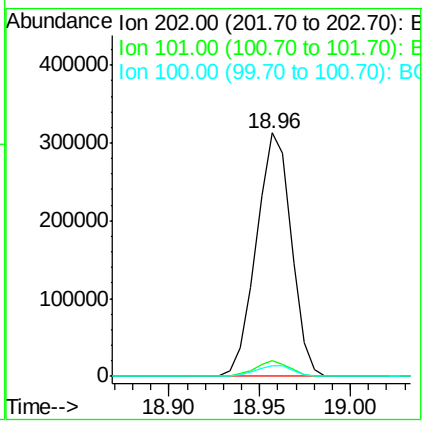




#77
Fluoranthene
Concen: 44.83 ng/ul
RT: 18.96 min Scan# 2769
Delta R.T. -0.01 min
Lab File: BG018300.D
Acq: 6 Aug 2015 12:25

Tgt Ion:202 Resp: 420245

Ion	Ratio	Lower	Upper
202	100		
101	6.6	6.2	9.2
100	4.3	4.6	6.8#



Instrument :
BNA_G
ClientSampleId :
C01J2DL

Manual Integrations APPROVED
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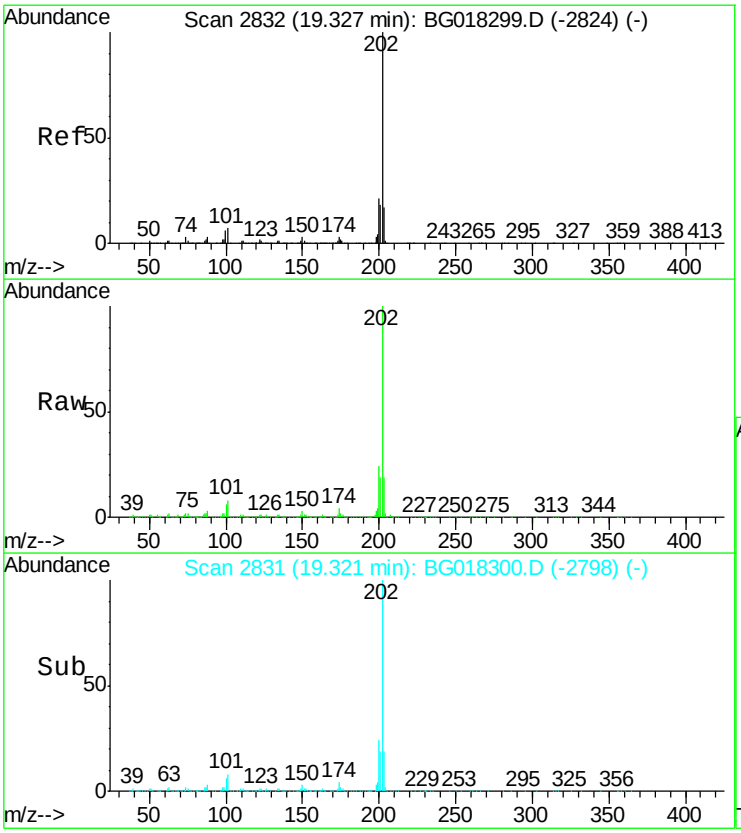
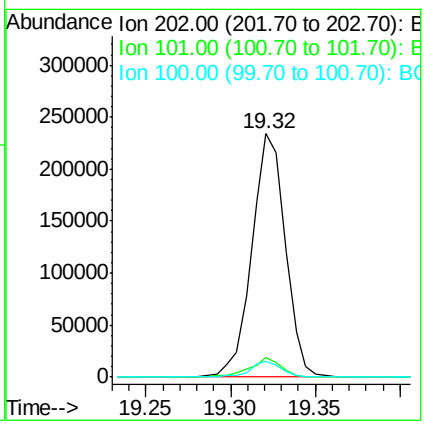
8/10/2015 10:12:16 AM

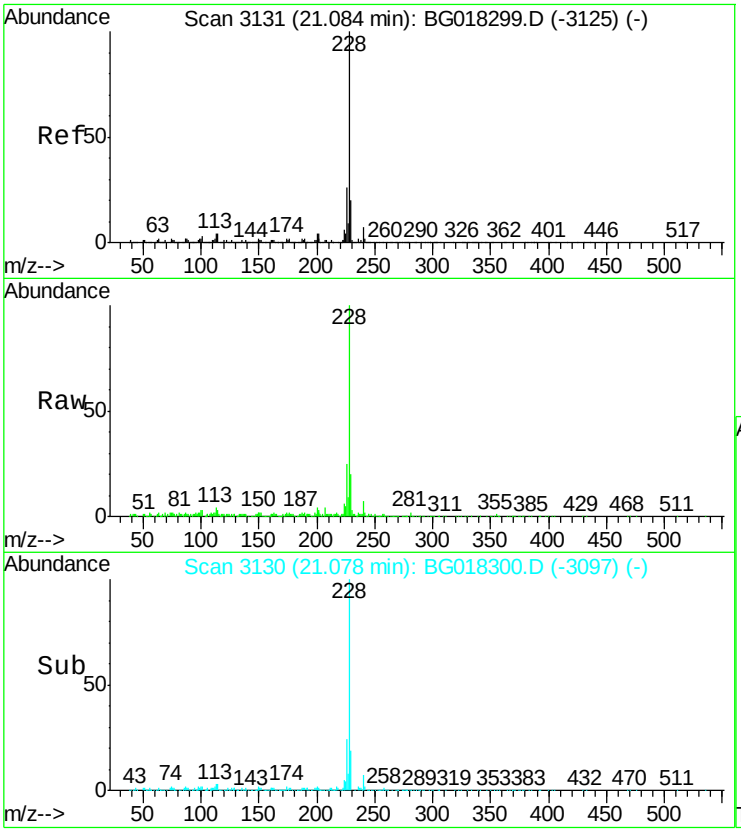


#80
Pyrene
Concen: 40.23 ng/ul
RT: 19.32 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BG018300.D
Acq: 6 Aug 2015 12:25

Tgt Ion:202 Resp: 322238

Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.2	9.2
100	6.3	4.6	7.0

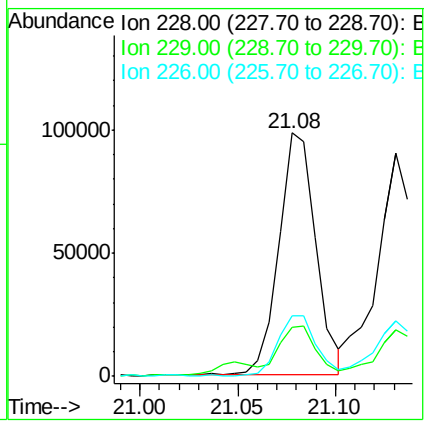




#83
Benzo(a)anthracene
Concen: 21.21 ng/ul
RT: 21.08 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG018300.D
Acq: 6 Aug 2015 12:25

Tgt Ion:228 Resp: 128980

Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.3	24.5
226	24.9	21.2	31.8



Instrument :
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ClientSampleId :
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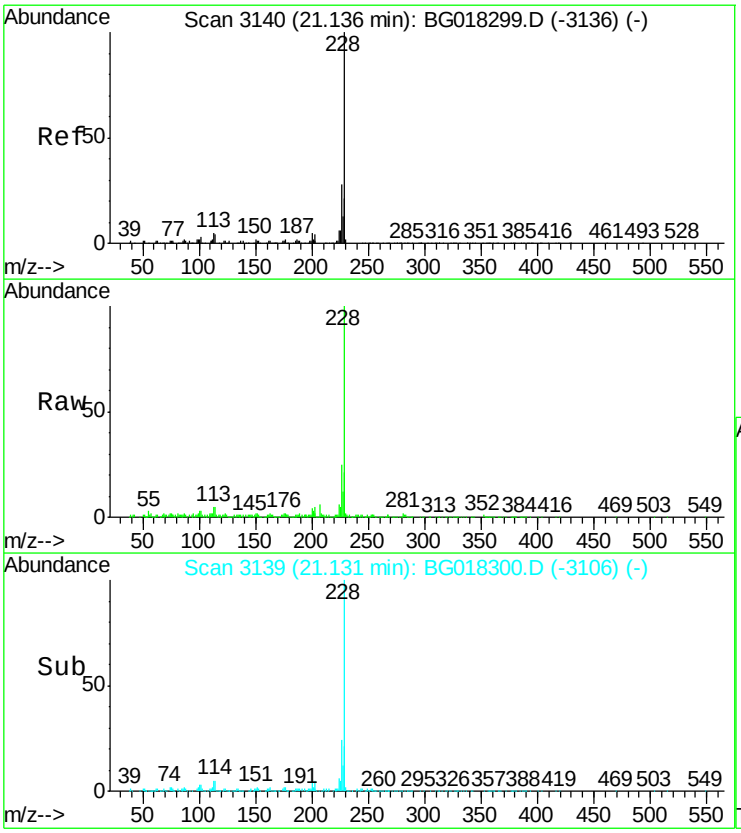
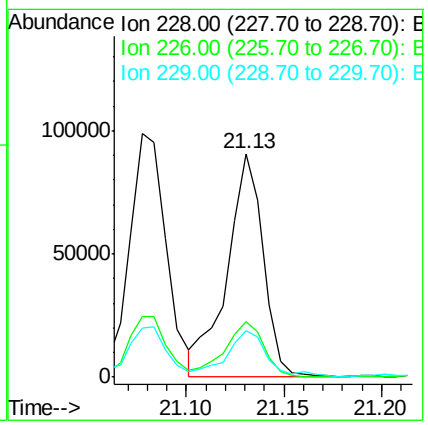
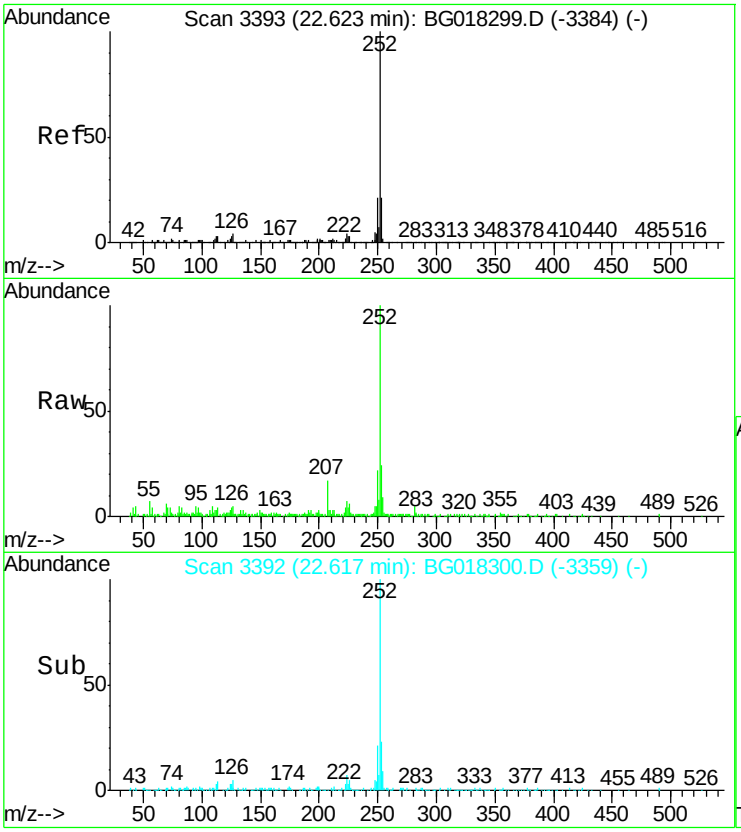


#85
Chrysene
Concen: 21.17 ng/ul
RT: 21.13 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG018300.D
Acq: 6 Aug 2015 12:25

Tgt Ion:228 Resp: 115663

Ion	Ratio	Lower	Upper
228	100		
226	24.7	23.0	34.6
229	21.1	15.9	23.9

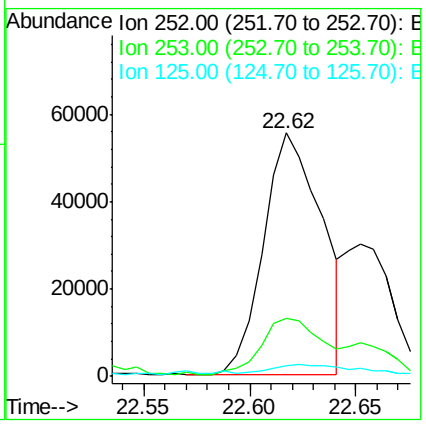




#88
Benzo(b)fluoranthene
Concen: 19.61 ng/ul
RT: 22.62 min Scan# 3392
Delta R.T. -0.01 min
Lab File: BG018300.D
Acq: 6 Aug 2015 12:25

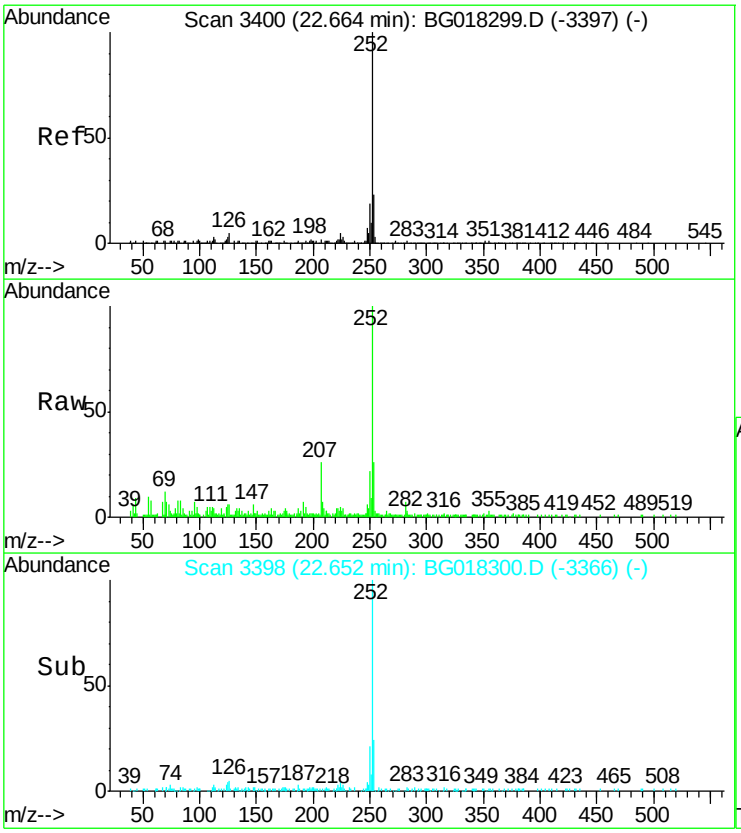
Tgt Ion:252 Resp: 106442

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	4.3	3.1	4.7



Instrument :
BNA_G
ClientSampleId :
C01J2DL

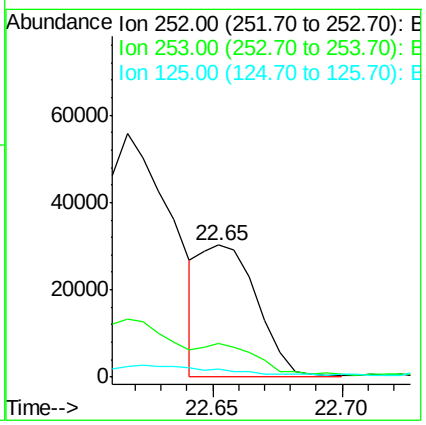
Manual Integrations APPROVED
MMDadoda
8/10/2015 10:12:16 AM

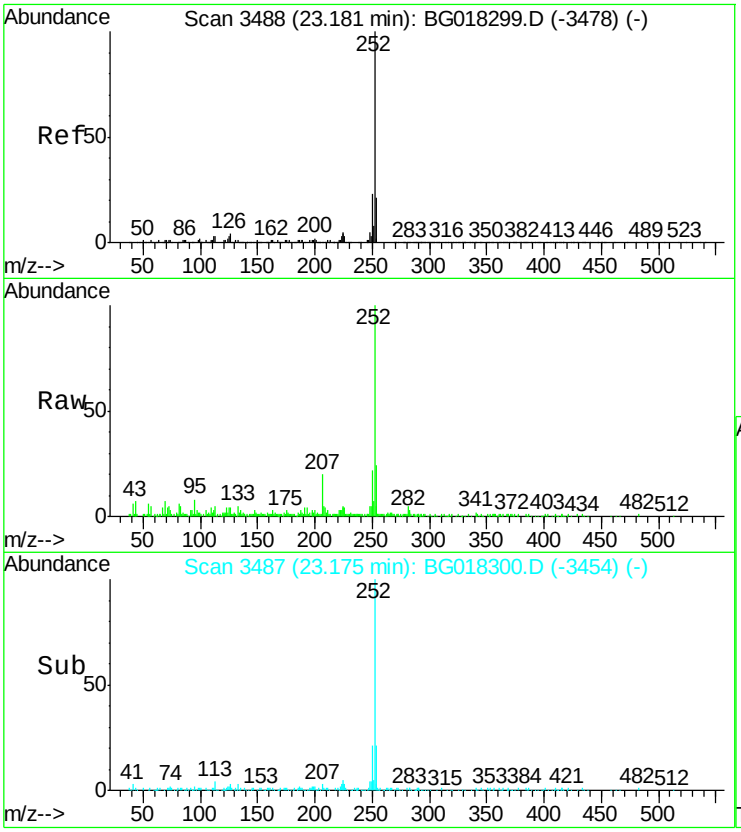


#89
Benzo(k)fluoranthene
Concen: 9.00 ng/ul m
RT: 22.65 min Scan# 3398
Delta R.T. -0.01 min
Lab File: BG018300.D
Acq: 6 Aug 2015 12:25

Tgt Ion:252 Resp: 46853

Ion	Ratio	Lower	Upper
252	100		
253	25.8	16.4	24.6#
125	5.8	3.4	5.2#

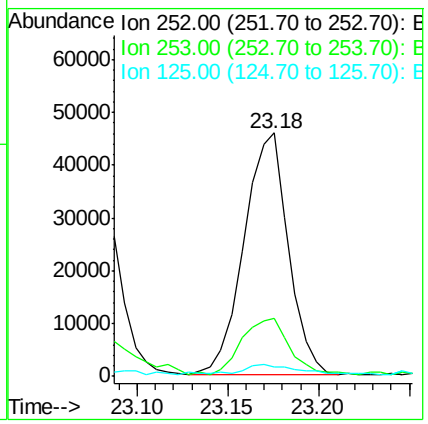




#91
Benzo(a)pyrene
Concen: 16.52 ng/ul
RT: 23.18 min Scan# 3487
Delta R.T. -0.01 min
Lab File: BG018300.D
Acq: 6 Aug 2015 12:25

Tgt Ion:252 Resp: 78300

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.9	28.3
125	3.8	3.2	4.8



Instrument :
BNA_G
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C01J2DL

Manual Integrations APPROVED
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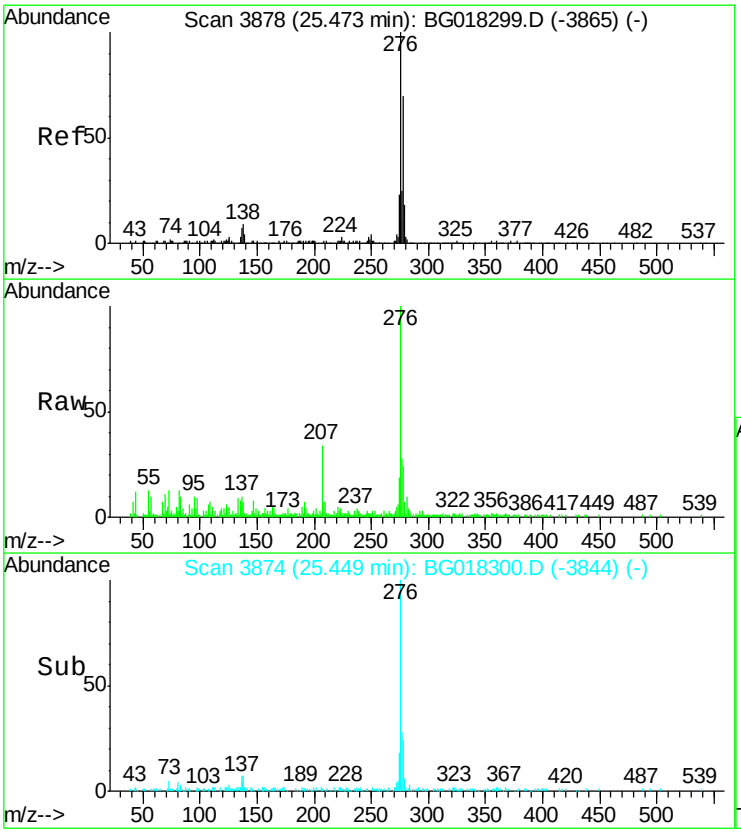
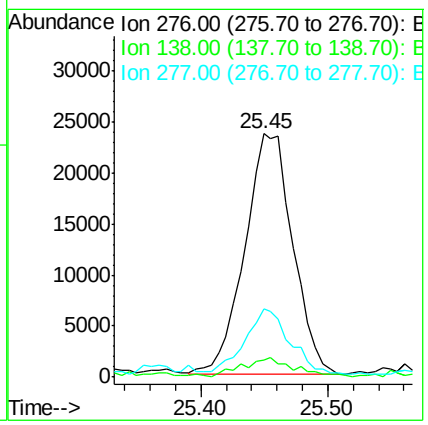
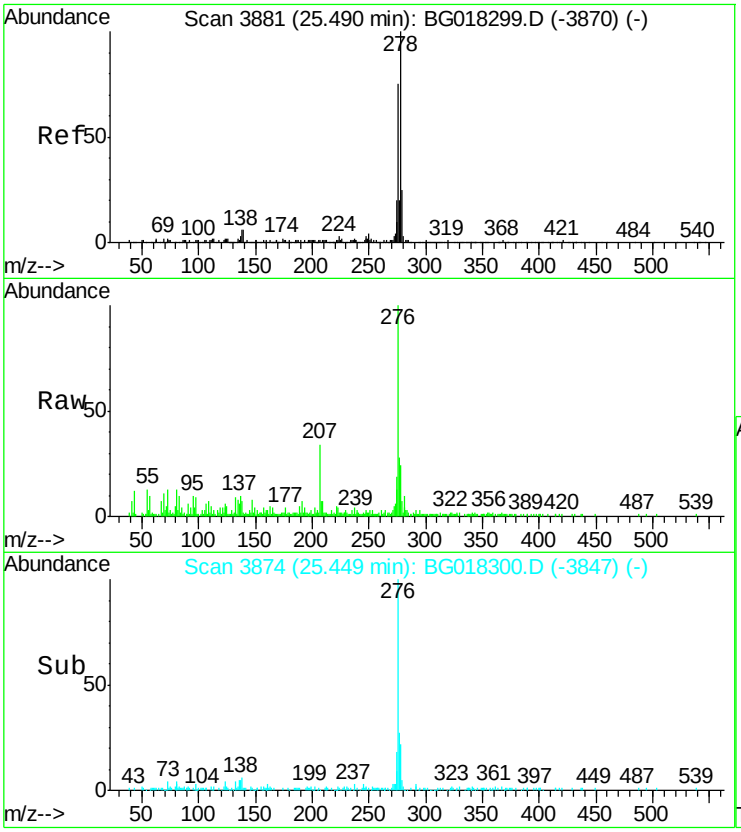


#92
Indeno(1,2,3-cd)pyrene
Concen: 10.65 ng/ul
RT: 25.45 min Scan# 3874
Delta R.T. -0.02 min
Lab File: BG018300.D
Acq: 6 Aug 2015 12:25

Tgt Ion:276 Resp: 62471

Ion	Ratio	Lower	Upper
276	100		
138	6.9	8.2	12.4#
277	28.1	20.1	30.1

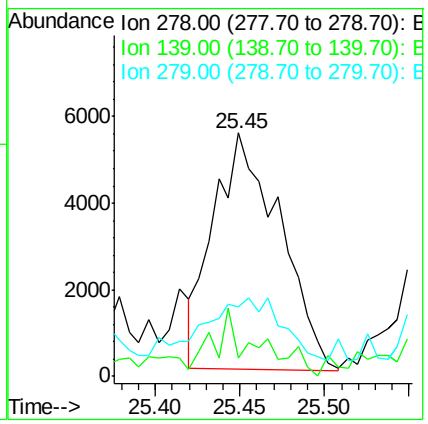




#93
Dibenzo(a,h)anthracene
Concen: 2.88 ng/ul
RT: 25.45 min Scan# 3874
Delta R.T. -0.04 min
Lab File: BG018300.D
Acq: 6 Aug 2015 12:25

Tgt Ion:278 Resp: 14843

Ion	Ratio	Lower	Upper
278	100		
139	7.7	5.8	8.8
279	28.4	19.8	29.6



Instrument :
BNA_G
ClientSampleId :
C01J2DL

Manual Integrations APPROVED
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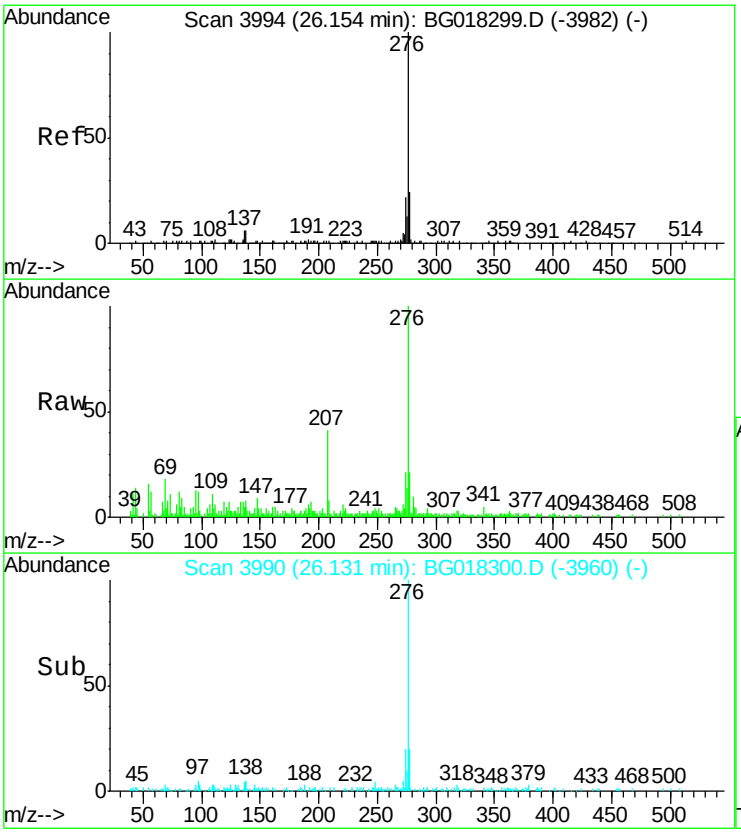
8/10/2015 10:12:16 AM



#94
Benzo(g,h,i)perylene
Concen: 11.45 ng/ul
RT: 26.13 min Scan# 3990
Delta R.T. -0.02 min
Lab File: BG018300.D
Acq: 6 Aug 2015 12:25

Tgt Ion:276 Resp: 54471

Ion	Ratio	Lower	Upper
276	100		
138	5.4	6.0	9.0#
277	21.5	21.1	31.7