Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016185.D
Acq On : 27 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD1

Manual Integrations APPROVED
apatel
3/30/2015 4:29:17 PM

Quant Time: Mar 28 06:29:37 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 28 05:59:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	52682	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	235984	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	140563	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	286236	20.00	ng/ul	0.00
75) Chrysene-d12	21.33	240	290121	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	294422	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.96	99	116006	24.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	59422	22.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	90345	24.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	90715	25.49	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	48141	25.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	51532	28.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	83584	25.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	112263	24.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	251556	27.45	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	327447	25.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	53215	24.31	ng/ul	0.00
57) Fluorene-d10	15.41	176	236950	25.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	30138	20.15	ng/ul	0.00
70) Anthracene-d10	17.25	188	348846	26.68	ng/ul	0.00
76) Pyrene-d10	19.54	212	343155	26.45	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	303901	23.67	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.62	128	15230	1.20	ng/ul	98
34) 2-Methylnaphthalene	12.24	142	9421	1.04	ng/ul	92
44) Dimethylphthalate	13.87	163	17793	1.71	ng/ul	97
47) Acenaphthylene	14.14	152	19936	1.39	ng/ul	98
49) Acenaphthene	14.48	153	51277	5.36	ng/ul	98
53) Dibenzofuran	14.81	168	81499	6.30	ng/ul	99
58) Fluorene	15.46	166	96274	8.53	ng/ul	94
69) Phenanthrene	17.20	178	723563	44.47	ng/ul	98
71) Anthracene	17.29	178	183813	11.13	ng/ul	98
72) Carbazole	17.56	167	30460	1.92	ng/ul	99
74) Fluoranthene	19.21	202	999642	54.34	ng/ul	99
77) Pyrene	19.57	202	820768	45.98	ng/ul	98
80) Benzo(a)anthracene	21.31	228	452427	27.52	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.23	149	9970	1.01	ng/ul	96
82) Chrysene	21.36	228	376474	24.07	ng/ul	98
85) Benzo(b)fluoranthene	22.92	252	447917	26.50	ng/ul	99
86) Benzo(k)fluoranthene	22.96	252	184416m	11.05	ng/ul	
88) Benzo(a)pyrene	23.51	252	346820	20.60	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.94	276	197774	10.15	ng/ul	95
90) Dibenzo(a,h)anthracene	25.95	278	55922	3.42	ng/ul#	73
91) Benzo(g,h,i)perylene	26.67	276	147567	9.01	ng/ul	97

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016185.D
Acq On : 27 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD1

Manual Integrations APPROVED
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3/30/2015 4:29:17 PM

Quant Time: Mar 28 06:29:37 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 28 05:59:58 2015
Response via : Initial Calibration

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\BG032715\
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Manual Integrations APPROVED
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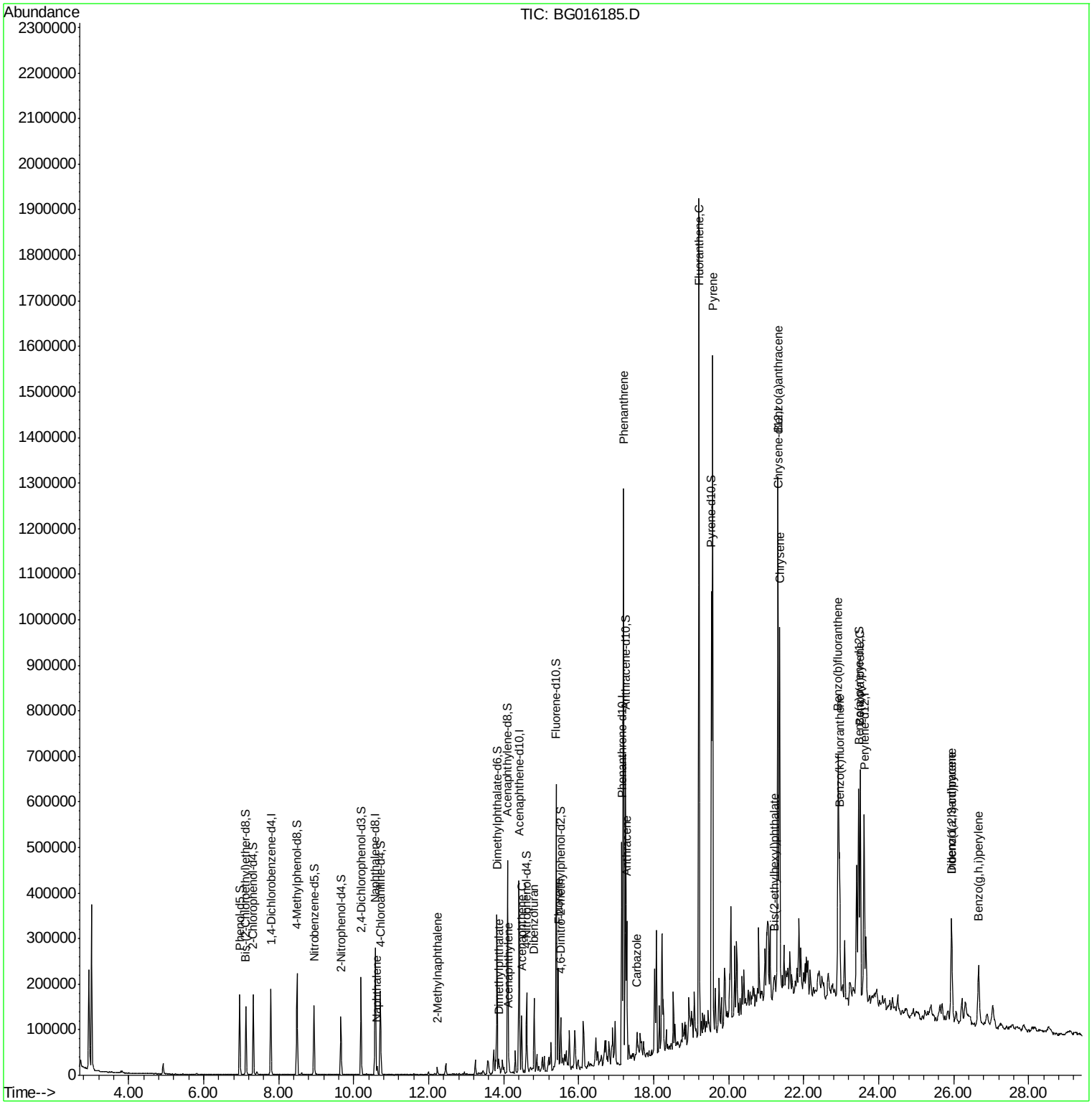
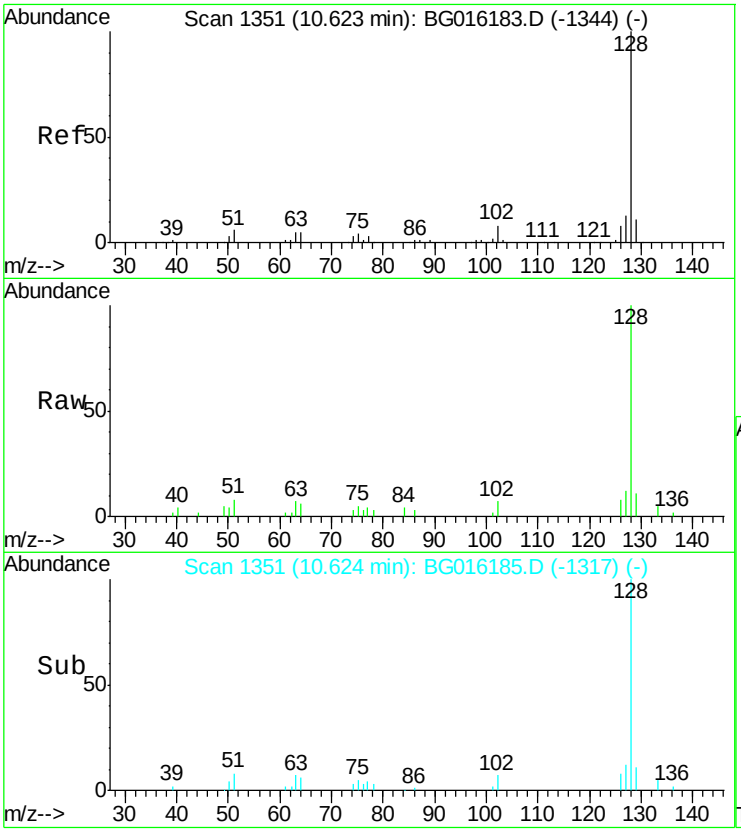
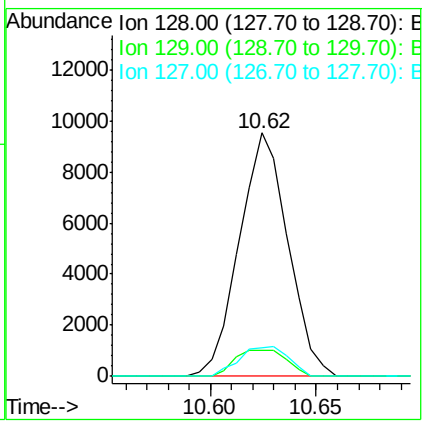




#28
Naphthalene
Concen: 1.20 ng/ul
RT: 10.62 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BG016185.D
Acq: 27 Mar 2015 21:13

Tgt Ion:128 Resp: 15230

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	11.8	10.4	15.6



Instrument :
BNA_G
ClientSampleId :
C0AD1

Manual Integrations APPROVED
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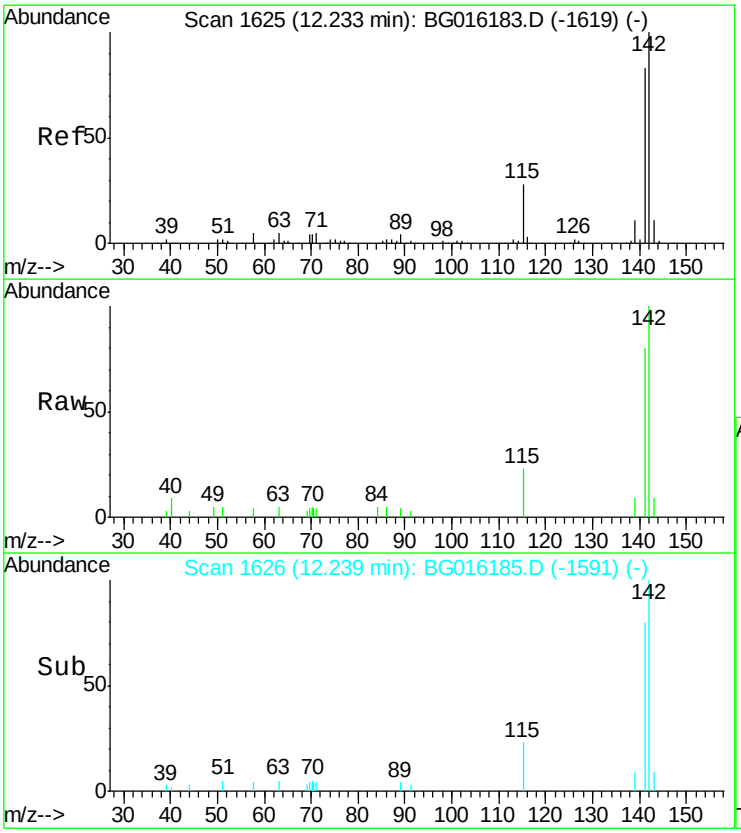
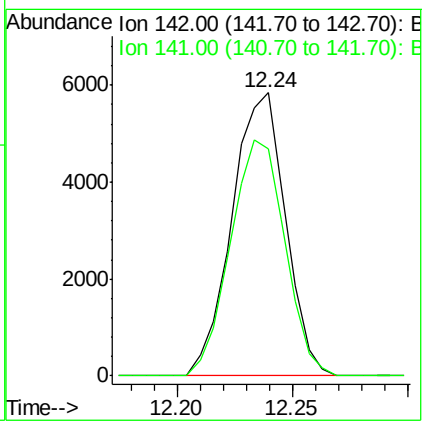
3/30/2015 4:29:17 PM

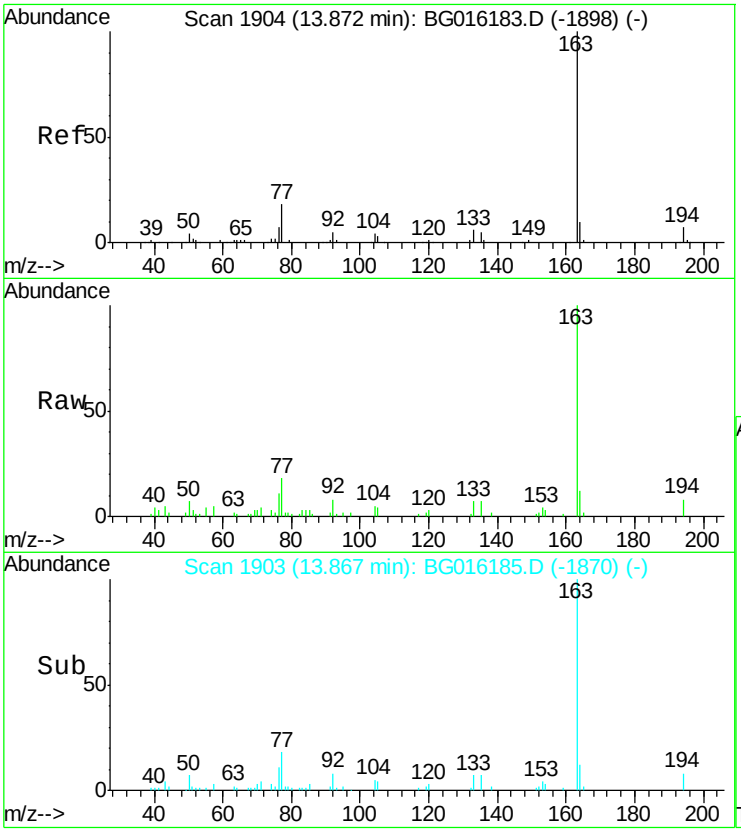


#34
2-Methylnaphthalene
Concen: 1.04 ng/ul
RT: 12.24 min Scan# 1626
Delta R.T. 0.01 min
Lab File: BG016185.D
Acq: 27 Mar 2015 21:13

Tgt Ion:142 Resp: 9421

Ion	Ratio	Lower	Upper
142	100		
141	80.0	70.2	105.2

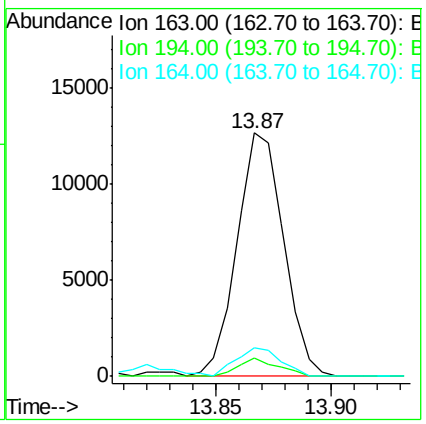




#44
Dimethylphthalate
Concen: 1.71 ng/ul
RT: 13.87 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BG016185.D
Acq: 27 Mar 2015 21:13

Tgt Ion:163 Resp: 17793

Ion	Ratio	Lower	Upper
163	100		
194	7.5	5.4	8.0
164	11.8	8.2	12.4



Instrument :
BNA_G
ClientSampleId :
C0AD1

Manual Integrations APPROVED
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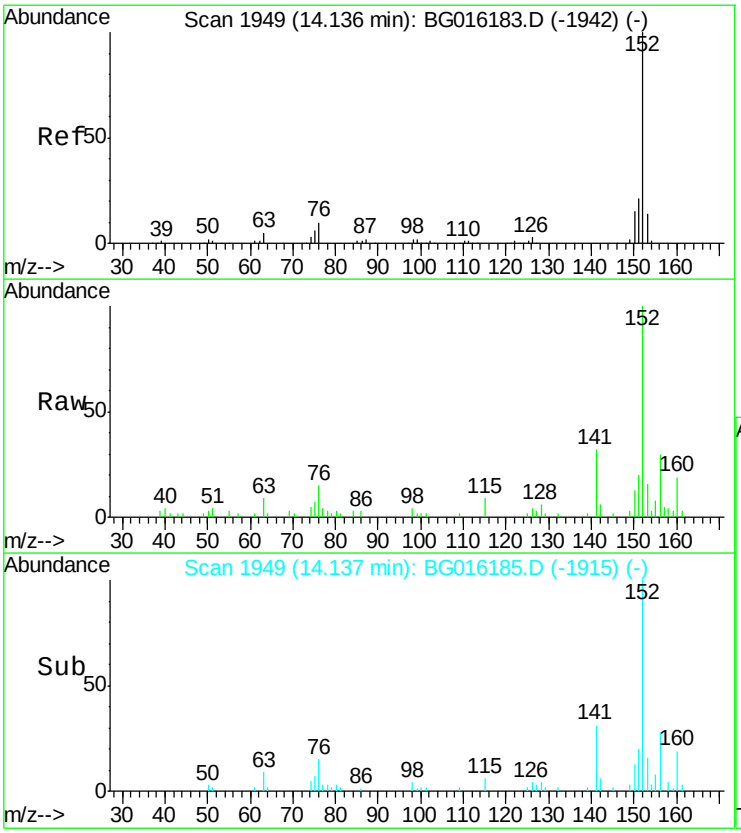
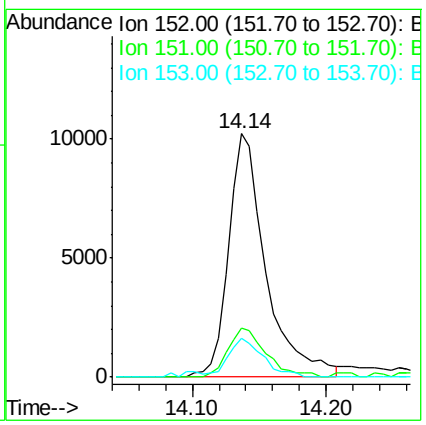
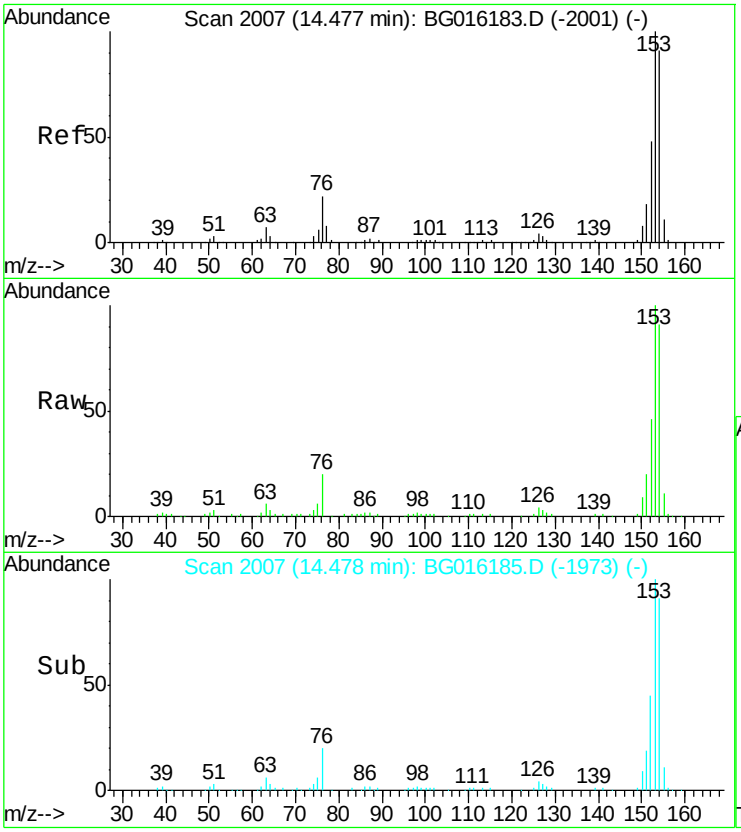


#47
Acenaphthylene
Concen: 1.39 ng/ul
RT: 14.14 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BG016185.D
Acq: 27 Mar 2015 21:13

Tgt Ion:152 Resp: 19936

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	16.1	11.0	16.6

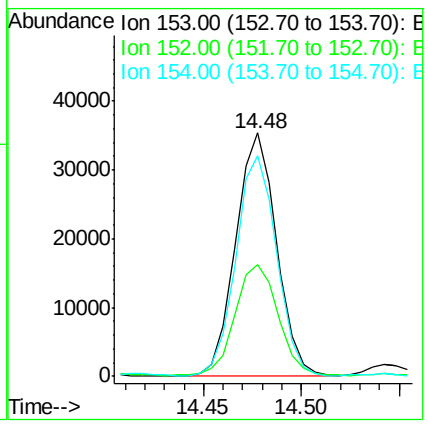




#49
Acenaphthene
Concen: 5.36 ng/ul
RT: 14.48 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG016185.D
Acq: 27 Mar 2015 21:13

Tgt Ion:153 Resp: 51277

Ion	Ratio	Lower	Upper
153	100		
152	45.9	37.4	56.2
154	90.7	74.4	111.6



Instrument :
BNA_G
ClientSampleId :
C0AD1

Manual Integrations APPROVED
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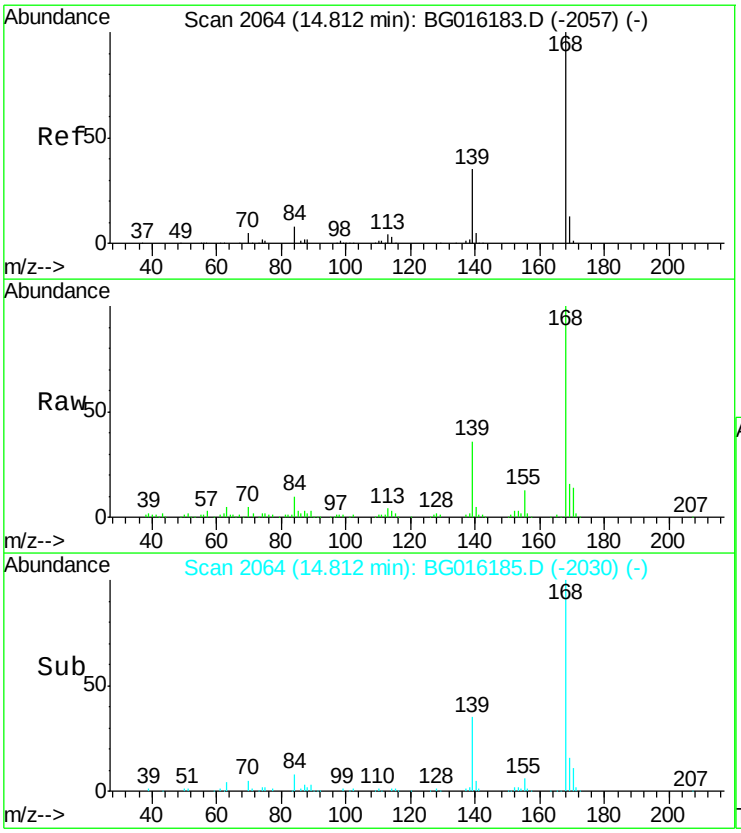
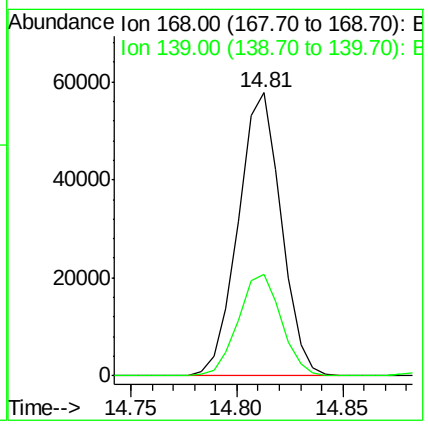
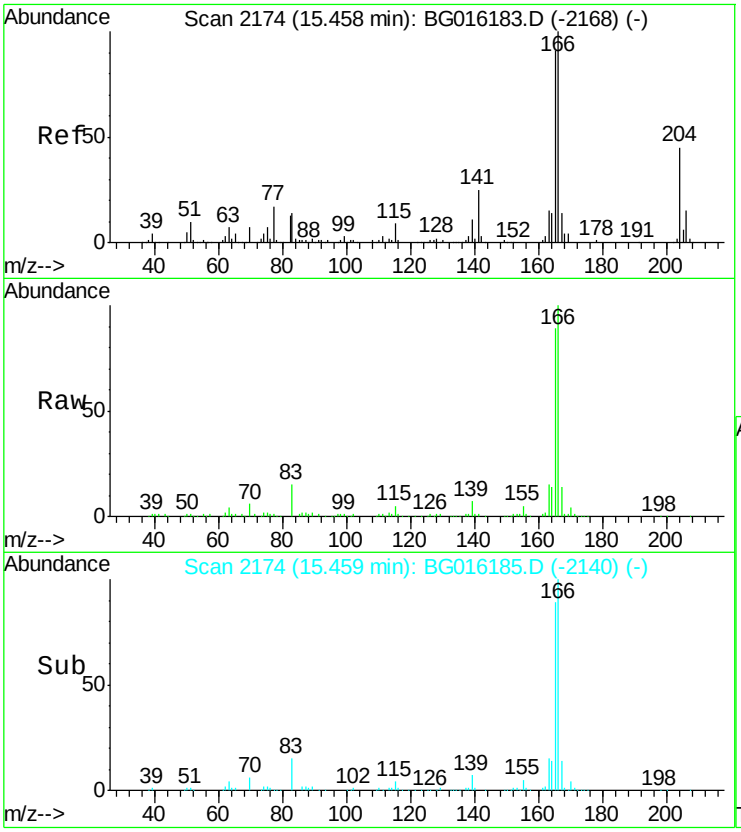


#53
Dibenzofuran
Concen: 6.30 ng/ul
RT: 14.81 min Scan# 2064
Delta R.T. 0.00 min
Lab File: BG016185.D
Acq: 27 Mar 2015 21:13

Tgt Ion:168 Resp: 81499

Ion	Ratio	Lower	Upper
168	100		
139	35.9	29.1	43.7

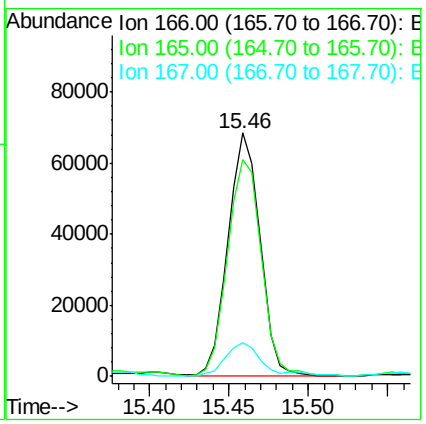




#58
Fluorene
Concen: 8.53 ng/ul
RT: 15.46 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BG016185.D
Acq: 27 Mar 2015 21:13

Tgt Ion:166 Resp: 96274

Ion	Ratio	Lower	Upper
166	100		
165	89.1	76.1	114.1
167	13.8	10.5	15.7



Instrument :
BNA_G
ClientSampleId :
C0AD1

Manual Integrations APPROVED
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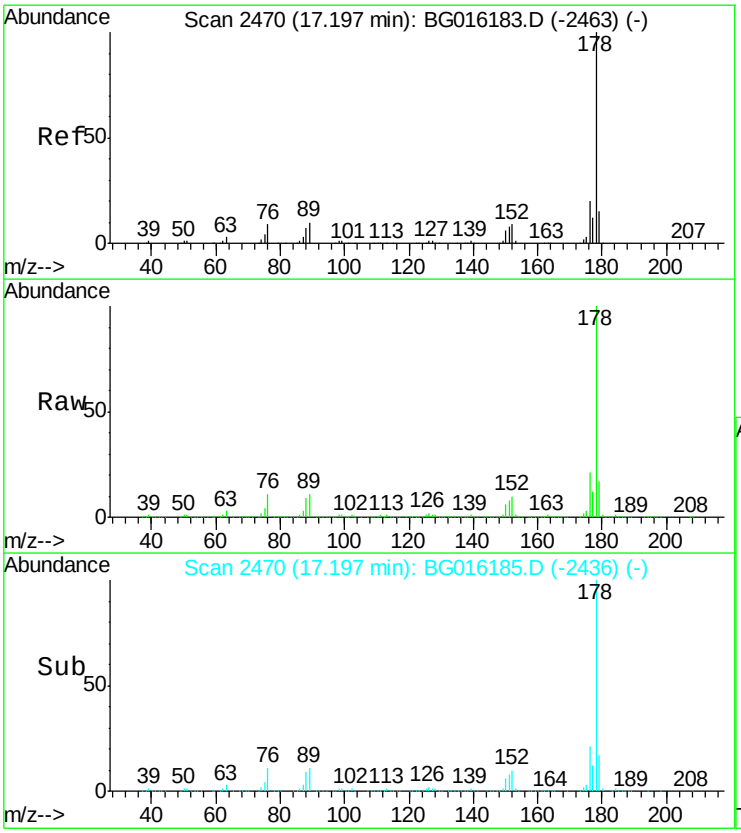
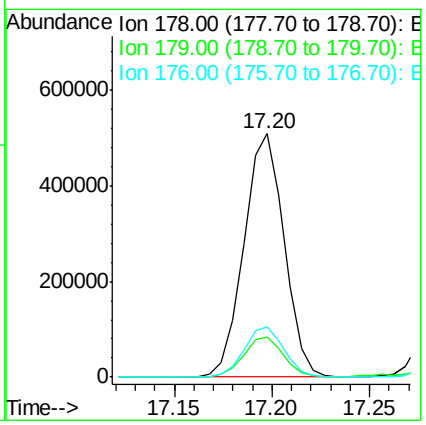
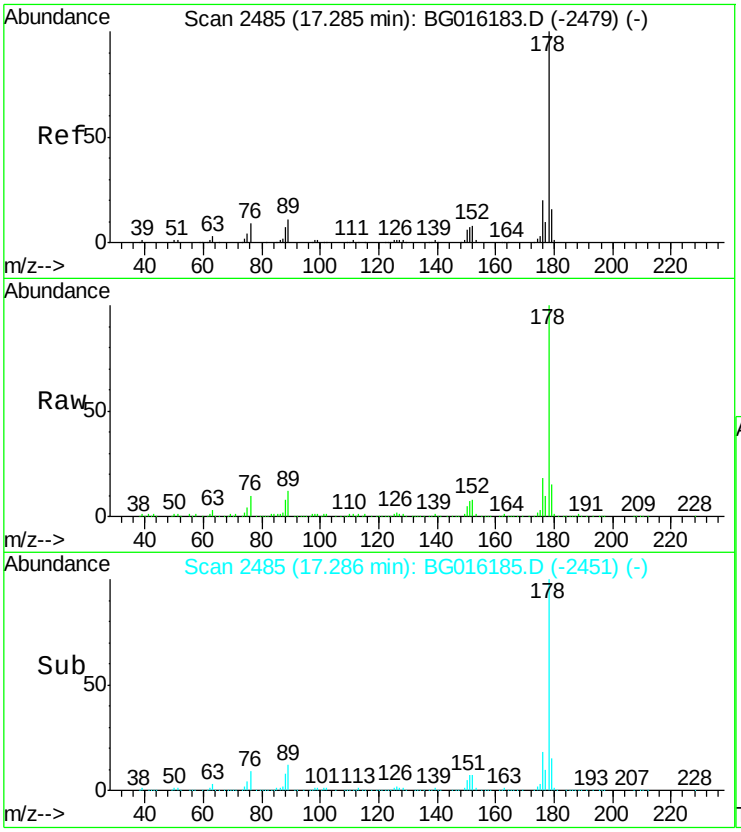


#69
Phenanthrene
Concen: 44.47 ng/ul
RT: 17.20 min Scan# 2470
Delta R.T. 0.00 min
Lab File: BG016185.D
Acq: 27 Mar 2015 21:13

Tgt Ion:178 Resp: 723563

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.8	19.2
176	20.6	15.6	23.4

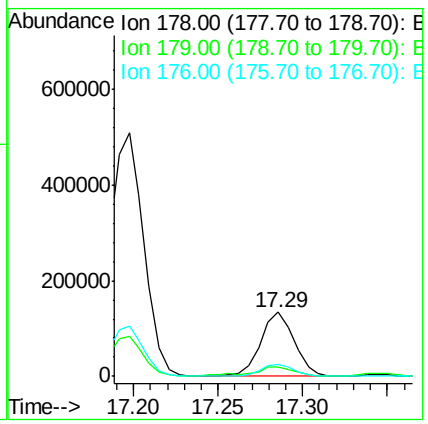




#71
Anthracene
Concen: 11.13 ng/ul
RT: 17.29 min Scan# 2485
Delta R.T. 0.00 min
Lab File: BG016185.D
Acq: 27 Mar 2015 21:13

Tgt Ion:178 Resp: 183813

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.7	19.1
176	18.2	15.3	22.9



Instrument :
BNA_G
ClientSampleId :
C0AD1

Manual Integrations APPROVED
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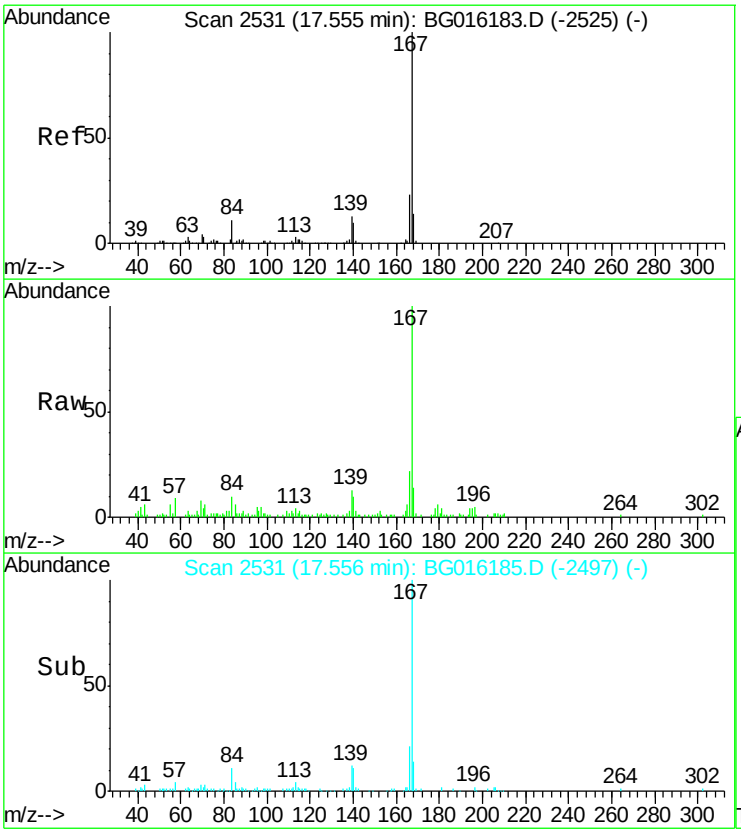
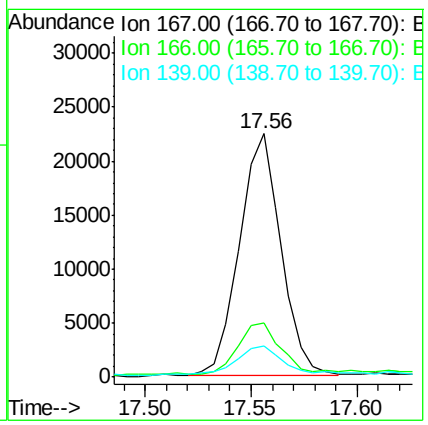
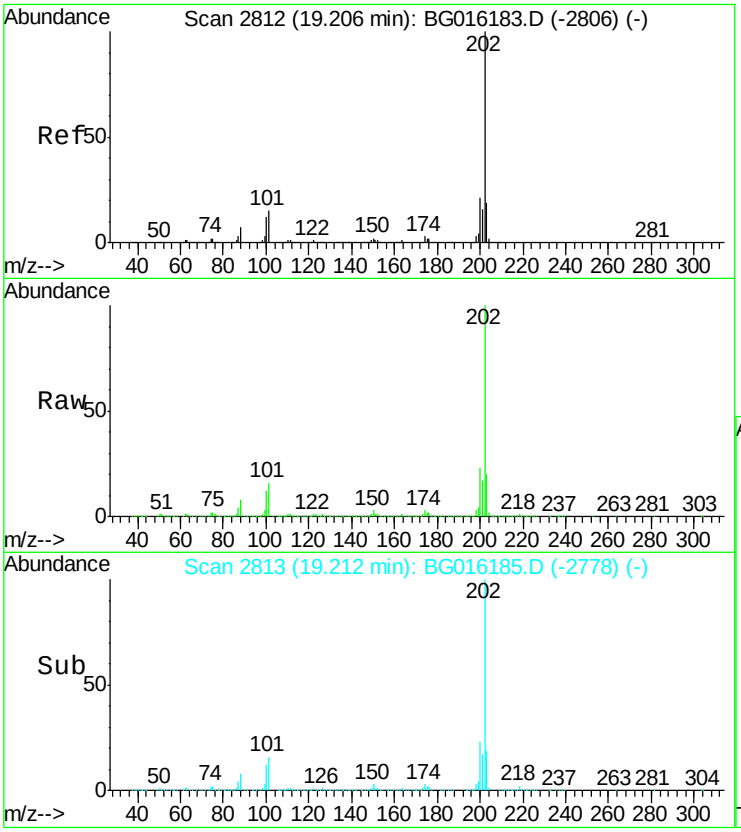


#72
Carbazole
Concen: 1.92 ng/ul
RT: 17.56 min Scan# 2531
Delta R.T. 0.00 min
Lab File: BG016185.D
Acq: 27 Mar 2015 21:13

Tgt Ion:167 Resp: 30460

Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.2
139	12.6	10.0	15.0

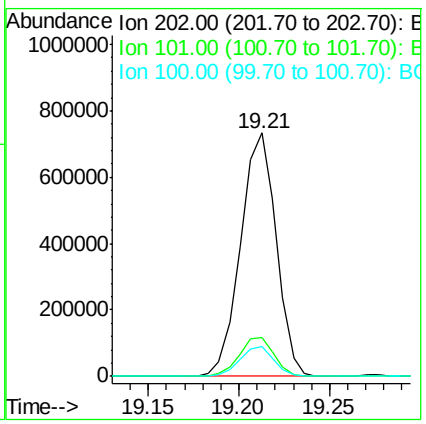




#74
Fluoranthene
Concen: 54.34 ng/ul
RT: 19.21 min Scan# 2813
Delta R.T. 0.01 min
Lab File: BG016185.D
Acq: 27 Mar 2015 21:13

Tgt Ion:202 Resp: 999642

Ion	Ratio	Lower	Upper
202	100		
101	16.2	12.9	19.3
100	12.4	9.4	14.2



Instrument :
BNA_G
ClientSampleId :
C0AD1

Manual Integrations APPROVED
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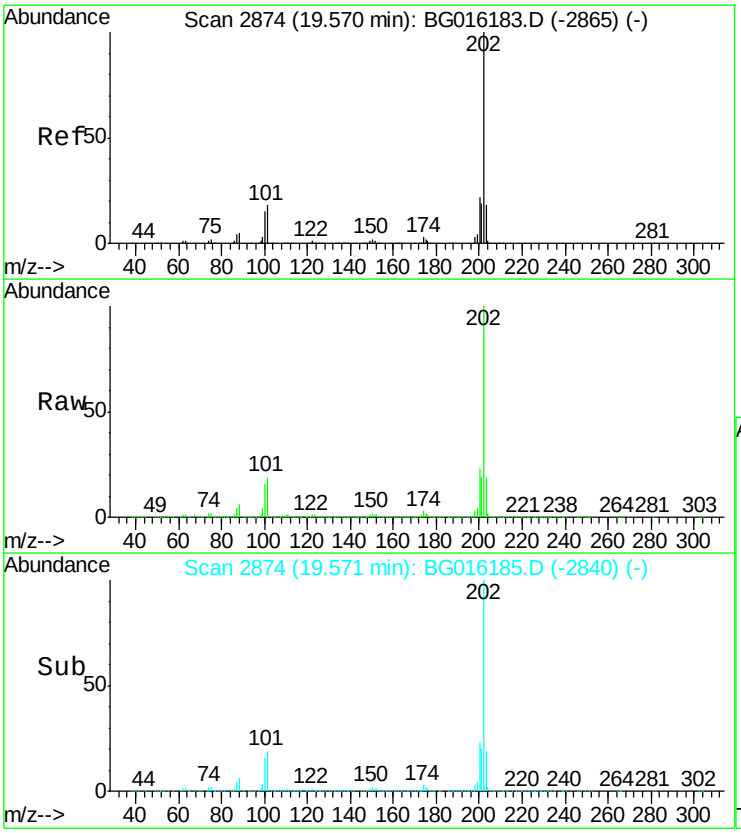
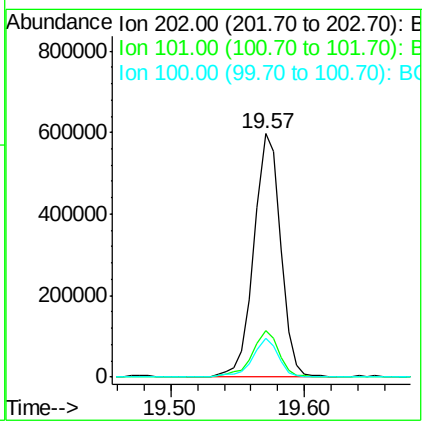
3/30/2015 4:29:17 PM

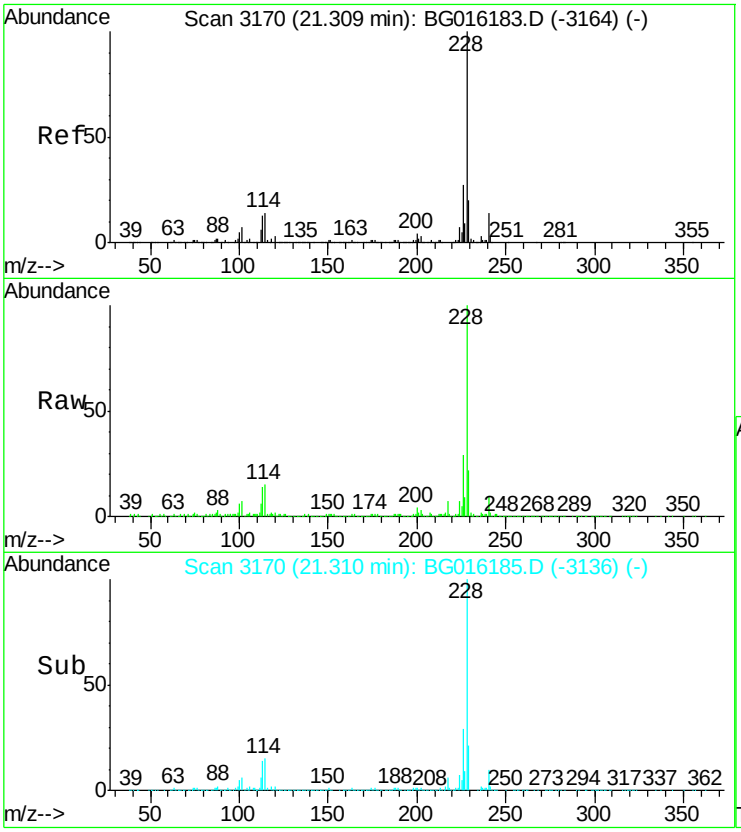


#77
Pyrene
Concen: 45.98 ng/ul
RT: 19.57 min Scan# 2874
Delta R.T. 0.00 min
Lab File: BG016185.D
Acq: 27 Mar 2015 21:13

Tgt Ion:202 Resp: 820768

Ion	Ratio	Lower	Upper
202	100		
101	19.2	14.6	21.8
100	15.8	12.1	18.1

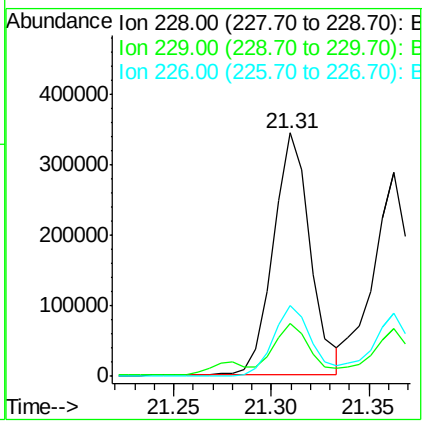




#80
Benzo(a)anthracene
Concen: 27.52 ng/ul
RT: 21.31 min Scan# 3170
Delta R.T. 0.00 min
Lab File: BG016185.D
Acq: 27 Mar 2015 21:13

Tgt Ion:228 Resp: 452427

Ion	Ratio	Lower	Upper
228	100		
229	22.0	16.2	24.4
226	29.1	22.4	33.6



Instrument :
BNA_G
ClientSampleId :
C0AD1

Manual Integrations APPROVED
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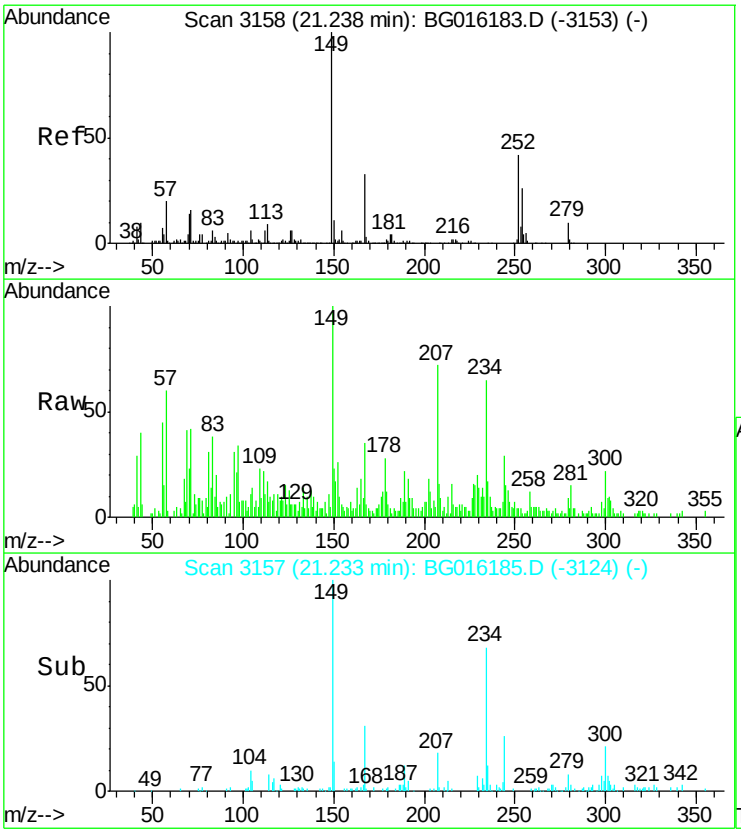
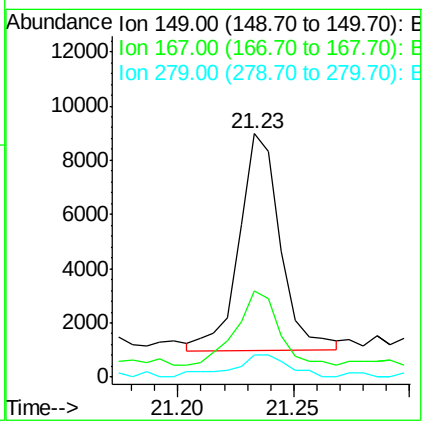
3/30/2015 4:29:17 PM

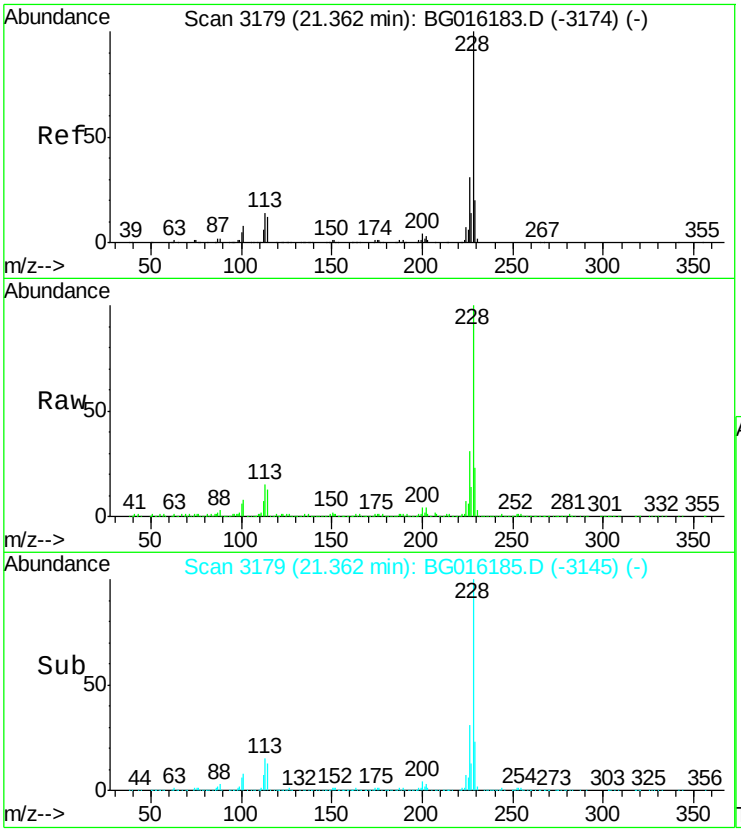


#81
Bis(2-ethylhexyl)phthalate
Concen: 1.01 ng/ul
RT: 21.23 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BG016185.D
Acq: 27 Mar 2015 21:13

Tgt Ion:149 Resp: 9970

Ion	Ratio	Lower	Upper
149	100		
167	35.4	26.6	39.8
279	9.4	6.5	9.7

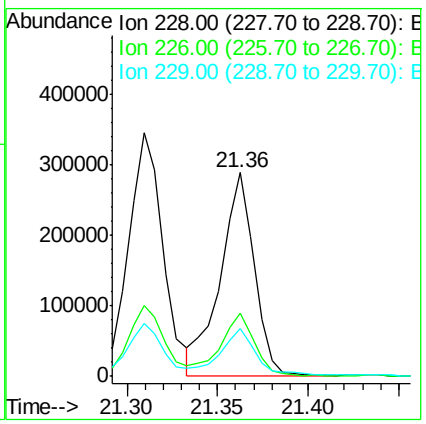




#82
Chrysene
Concen: 24.07 ng/ul
RT: 21.36 min Scan# 3179
Delta R.T. 0.00 min
Lab File: BG016185.D
Acq: 27 Mar 2015 21:13

Tgt Ion:228 Resp: 376474

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	36.8
229	23.3	16.6	25.0



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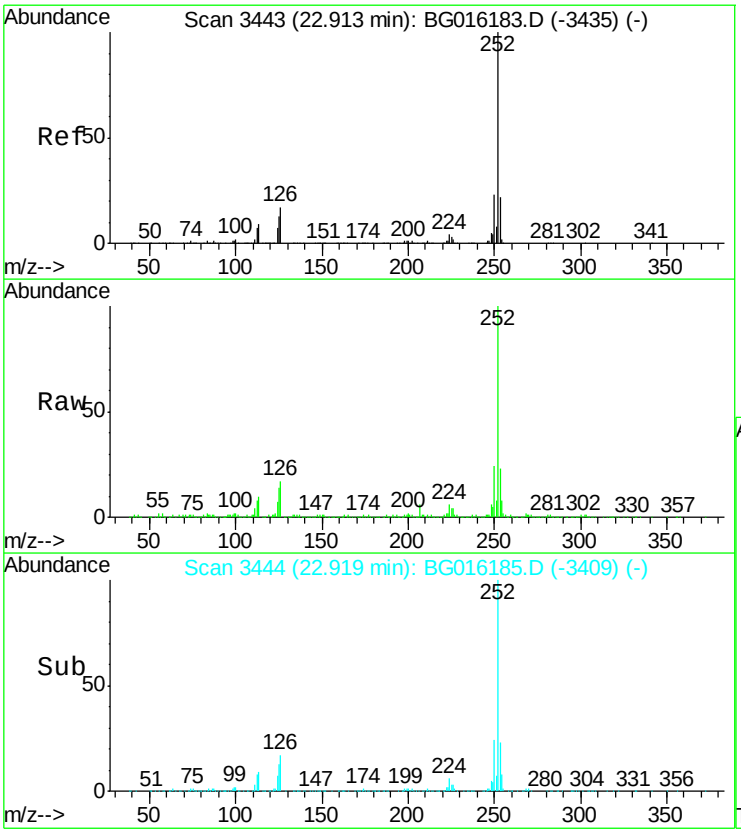
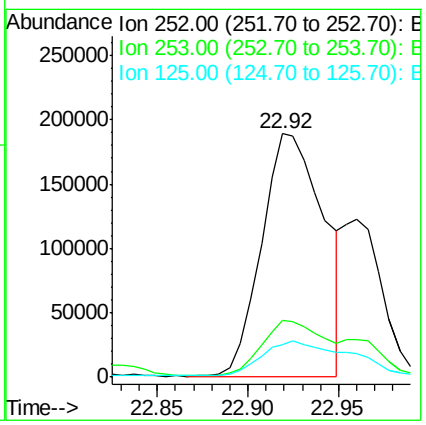
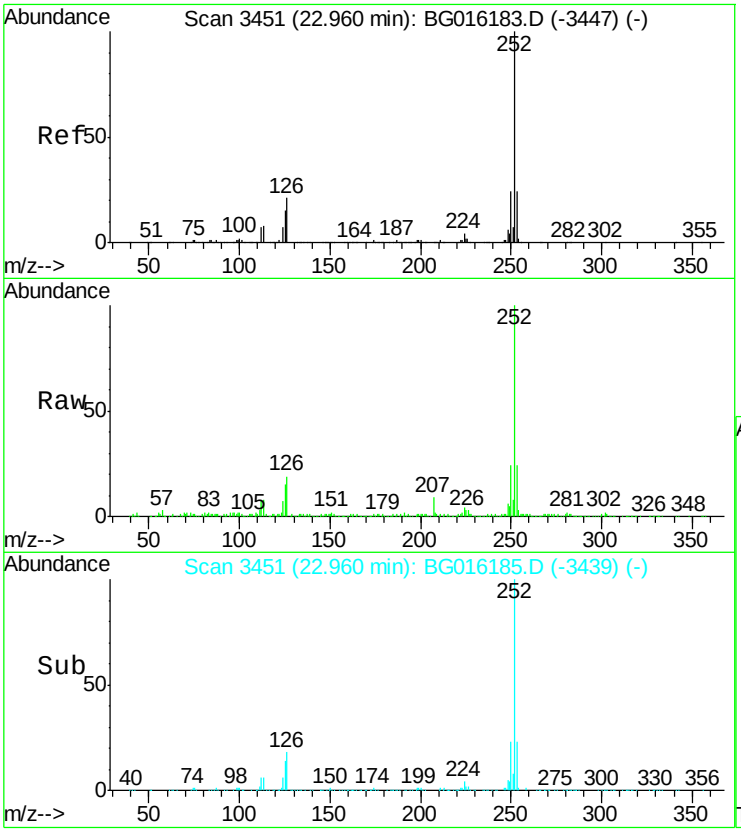


#85
Benzo(b)fluoranthene
Concen: 26.50 ng/ul
RT: 22.92 min Scan# 3444
Delta R.T. 0.01 min
Lab File: BG016185.D
Acq: 27 Mar 2015 21:13

Tgt Ion:252 Resp: 447917

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	13.6	11.0	16.6

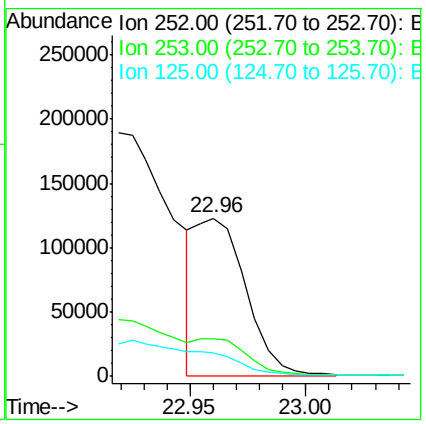




#86
Benzo(k)fluoranthene
Concen: 11.05 ng/ul m
RT: 22.96 min Scan# 3451
Delta R.T. 0.00 min
Lab File: BG016185.D
Acq: 27 Mar 2015 21:13

Tgt Ion:252 Resp: 184416

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	15.2	10.7	16.1



Instrument :
BNA_G
ClientSampleId :
C0AD1

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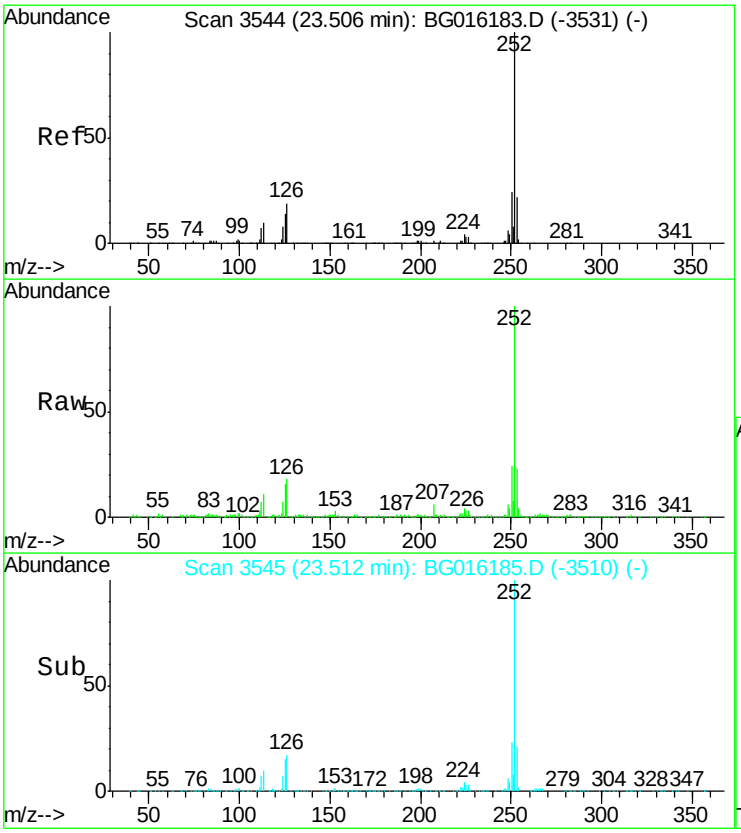
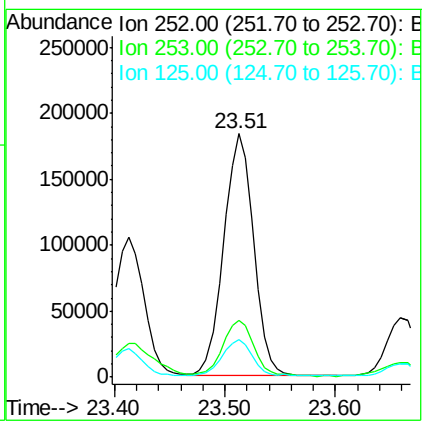
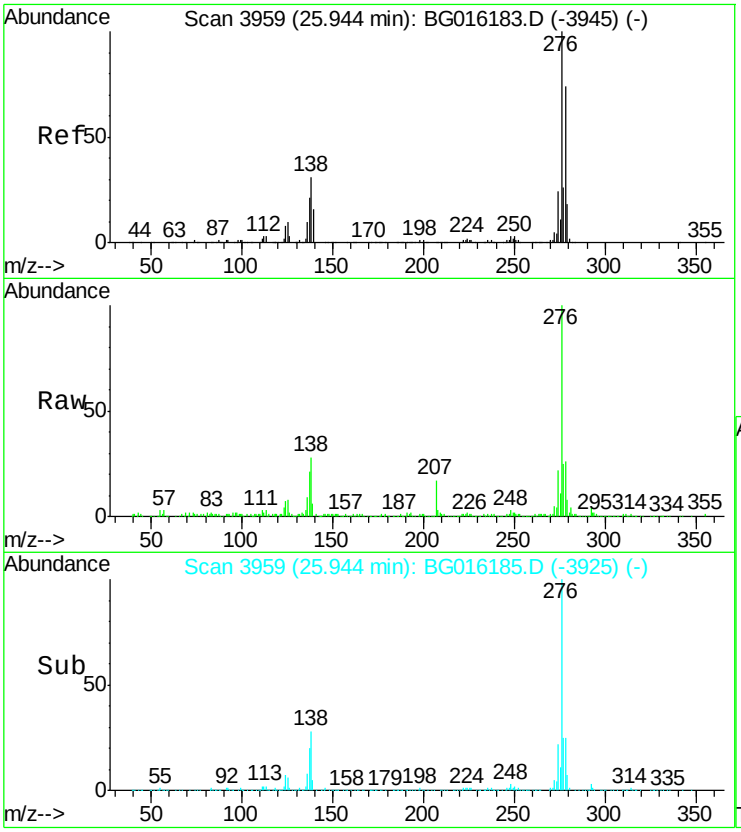


#88
Benzo(a)pyrene
Concen: 20.60 ng/ul
RT: 23.51 min Scan# 3545
Delta R.T. 0.01 min
Lab File: BG016185.D
Acq: 27 Mar 2015 21:13

Tgt Ion:252 Resp: 346820

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	15.6	11.5	17.3

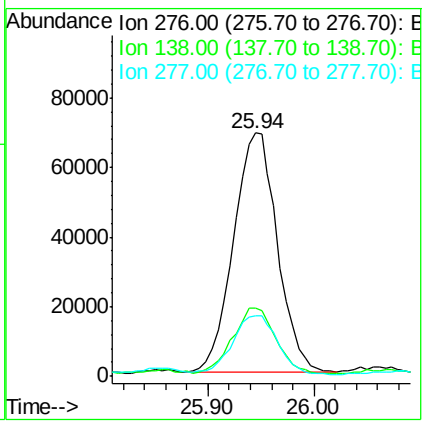




#89
Indeno(1,2,3-cd)pyrene
Concen: 10.15 ng/ul
RT: 25.94 min Scan# 3959
Delta R.T. 0.00 min
Lab File: BG016185.D
Acq: 27 Mar 2015 21:13

Tgt Ion:276 Resp: 197774

Ion	Ratio	Lower	Upper
276	100		
138	28.2	26.1	39.1
277	25.1	20.0	30.0



Instrument :
BNA_G
ClientSampleId :
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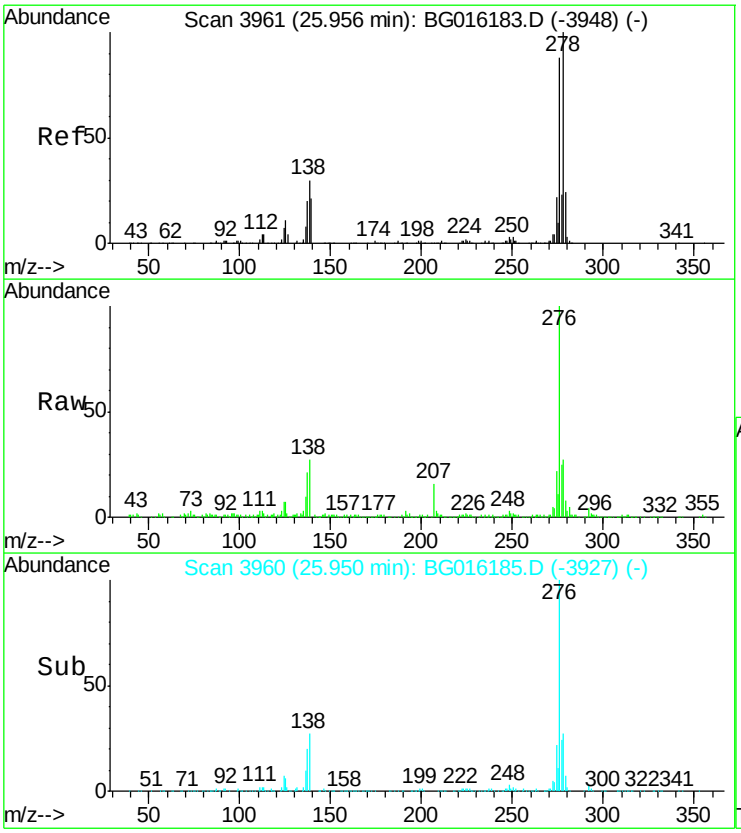
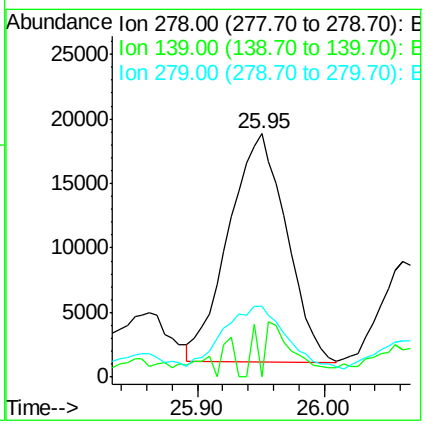
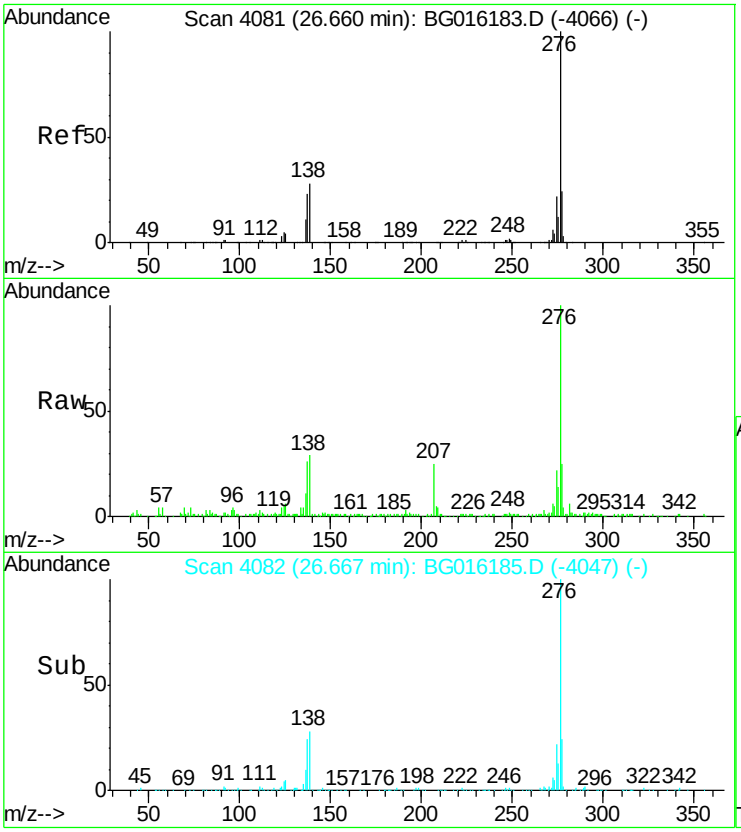


#90
Dibenzo(a,h)anthracene
Concen: 3.42 ng/ul
RT: 25.95 min Scan# 3960
Delta R.T. -0.01 min
Lab File: BG016185.D
Acq: 27 Mar 2015 21:13

Tgt Ion:278 Resp: 55922

Ion	Ratio	Lower	Upper
278	100		
139	0.0	17.8	26.6#
279	28.8	19.3	28.9

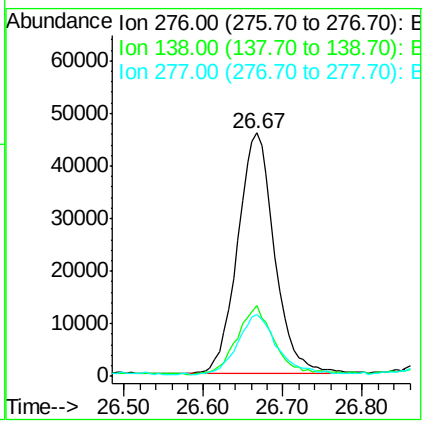




#91
Benzo(g,h,i)perylene
Concen: 9.01 ng/ul
RT: 26.67 min Scan# 4082
Delta R.T. 0.01 min
Lab File: BG016185.D
Acq: 27 Mar 2015 21:13

Tgt Ion:276 Resp: 147567

Ion	Ratio	Lower	Upper
276	100		
138	29.2	22.0	33.0
277	25.5	19.0	28.4



Instrument :
BNA_G
ClientSampleId :
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