Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018296.D
Acq On : 6 Aug 2015 6:10
Operator : UM/TP
Sample : G3109-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 06 08:15:58 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : C01W6

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	47340	20.00	ng/ul	0.02
18) Naphthalene-d8	10.23	136	218383	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.14	164	120165	20.00	ng/ul	0.02
62) Phenanthrene-d10	16.90	188	136093m	20.00	ng/ul	0.03
78) Chrysene-d12	21.12	240	251302m	20.00	ng/ul	0.03
86) Perylene-d12	23.32	264	230945	20.00	ng/ul	0.08
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.91	96	835	1.52	ng/uL	0.00
5) Phenol-d5	6.67	99	53614	14.40	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	6.79	67	29360	16.32	ng/ul	0.01
9) 2-Chlorophenol-d4	6.99	132	48562	15.67	ng/ul	0.02
13) 4-Methylphenol-d8	8.19	113	39950	12.71	ng/ul	0.02
19) Nitrobenzene-d5	8.60	128	25118	14.85	ng/ul	0.02
22) 2-Nitrophenol-d4	9.33	143	30507	15.60	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.89	165	53886	14.99	ng/ul	0.03
29) 4-Chloroaniline-d4	10.38	131	12844	2.98	ng/ul	0.02
44) Dimethylphthalate-d6	13.55	166	154651	16.64	ng/ul	0.02
47) Acenaphthylene-d8	13.82	160	171050	16.23	ng/ul	0.02
52) 4-Nitrophenol-d4	14.41	143	13907	9.07	ng/ul	0.04
58) Fluorene-d10	15.14	176	111664	13.37	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	16.99	188	86754	14.49	ng/ul	0.02
79) Pyrene-d10	19.32	212	110617	7.87	ng/ul	0.03
90) Benzo(a)pyrene-d12	23.18	264	192380	16.01	ng/ul	0.08
Target Compounds						Qvalue
28) Naphthalene	10.28	128	30166	2.94	ng/ul	97
34) 2-Methylnaphthalene	11.92	142	19768	2.40	ng/ul	90
35) 1-Methylnaphthalene	12.14	142	11673	1.47	ng/ul#	86
45) Dimethylphthalate	13.60	163	70505	7.60	ng/ul	100
50) Acenaphthene	14.20	153	17024	2.42	ng/ul	93
54) Dibenzofuran	14.54	168	15707	1.52	ng/ul	89
59) Fluorene	15.19	166	15367	1.69	ng/ul#	95
70) Phenanthrene	16.94	178	99119	14.43	ng/ul	97
72) Anthracene	17.03	178	25961m	3.79	ng/ul	
75) Carbazole	17.31	167	8663m	1.50	ng/ul	
76) Di-n-butylphthalate	17.88	149	35267m	4.35	ng/ul	
77) Fluoranthene	18.98	202	275914m	36.22	ng/ul	
80) Pyrene	19.35	202	299039m	17.11	ng/ul	
81) Butylbenzylphthalate	20.26	149	98289	14.51	ng/ul	91
83) Benzo(a)anthracene	21.11	228	243698m	18.37	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.05	149	2981180m	365.53	ng/ul	
85) Chrysene	21.16	228	278889m	23.40	ng/ul	
88) Benzo(b)fluoranthene	22.66	252	453837m	32.04	ng/ul	
89) Benzo(k)fluoranthene	22.69	252	178304m	13.13	ng/ul	
91) Benzo(a)pyrene	23.22	252	241291	19.51	ng/ul#	83
92) Indeno(1,2,3-cd)pyrene	25.54	276	108892	7.12	ng/ul#	84
94) Benzo(g,h,i)perylene	26.22	276	89095m	7.18	ng/ul	

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Quant Time: Aug 06 08:15:58 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration

Instrument :
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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)

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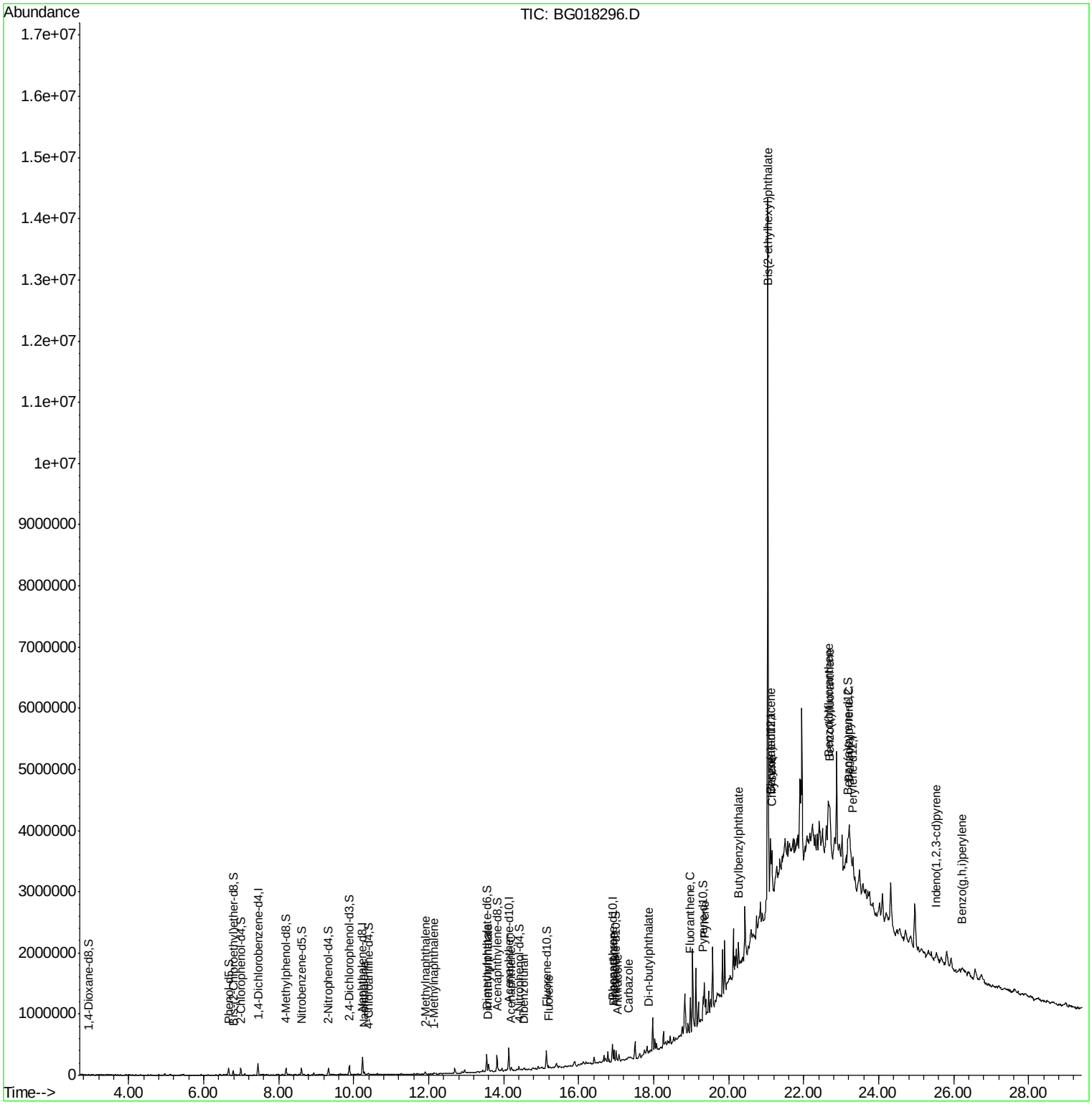

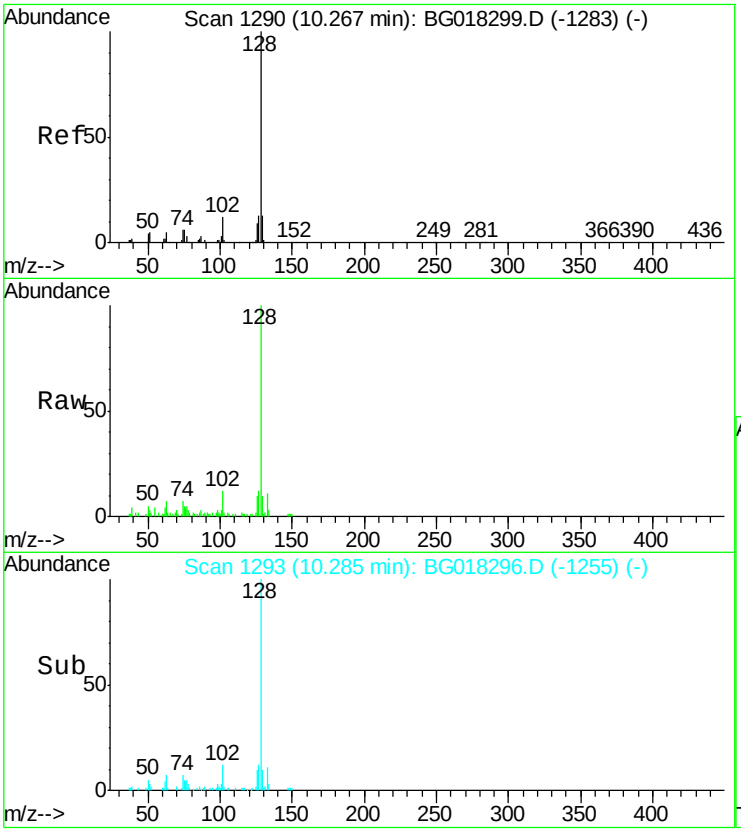

#28
Naphthalene
Concen: 2.94 ng/ul
RT: 10.28 min Scan# 1293
Delta R.T. 0.02 min
Lab File: BG018296.D
Acq: 6 Aug 2015 6:10

Tgt Ion:128 Resp: 30166

Ion	Ratio	Lower	Upper
128	100		
129	10.5	7.8	11.6
127	11.7	10.2	15.4

Instrument :
BNA_G
ClientSampleId :
C01W6

Manual Integrations APPROVED
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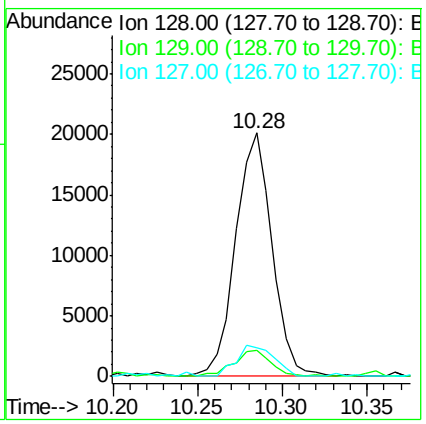
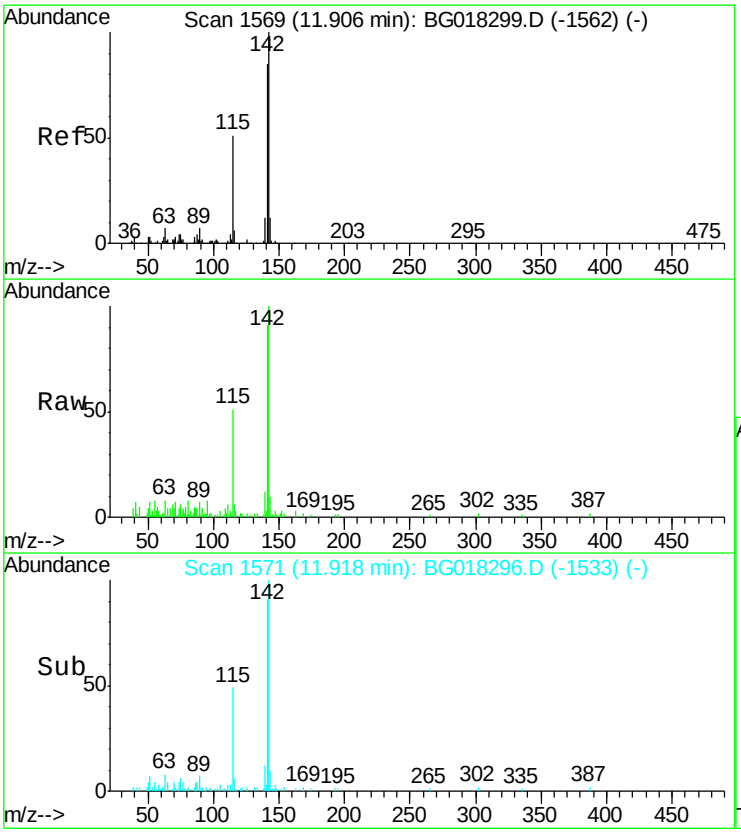
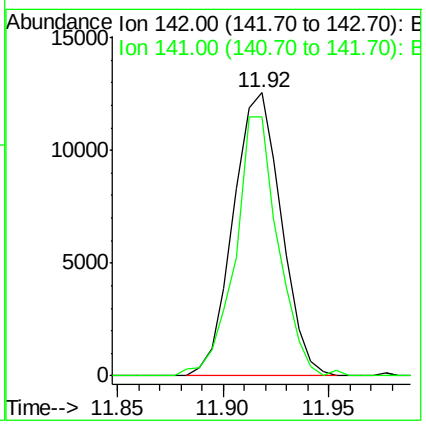


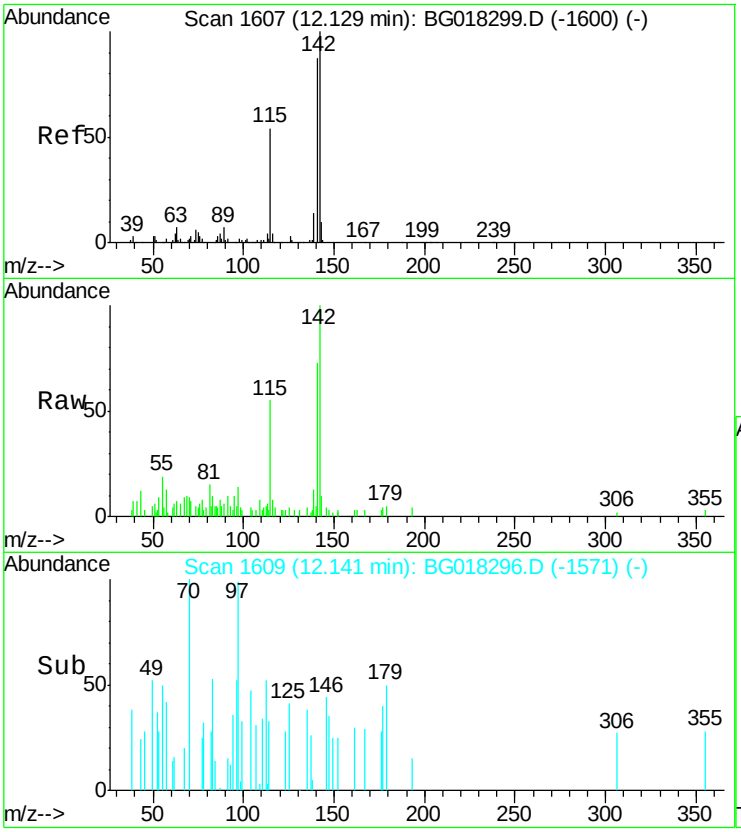


#34
2-Methylnaphthalene
Concen: 2.40 ng/ul
RT: 11.92 min Scan# 1571
Delta R.T. 0.02 min
Lab File: BG018296.D
Acq: 6 Aug 2015 6:10

Tgt Ion:142 Resp: 19768

Ion	Ratio	Lower	Upper
142	100		
141	91.4	65.9	98.9

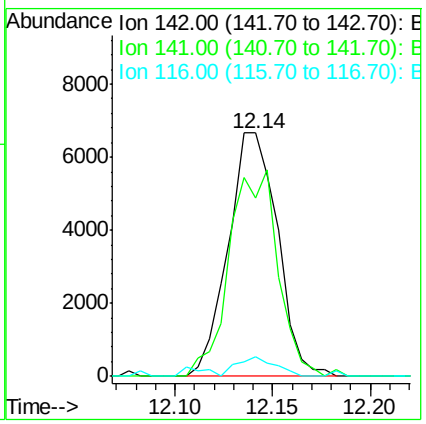




#35
1-Methylnaphthalene
Concen: 1.47 ng/ul
RT: 12.14 min Scan# 1609
Delta R.T. 0.02 min
Lab File: BG018296.D
Acq: 6 Aug 2015 6:10

Tgt Ion:142 Resp: 11673

Ion	Ratio	Lower	Upper
142	100		
141	73.1	69.0	103.4
116	8.1	4.2	6.4#



Instrument :
BNA_G
ClientSampleId :
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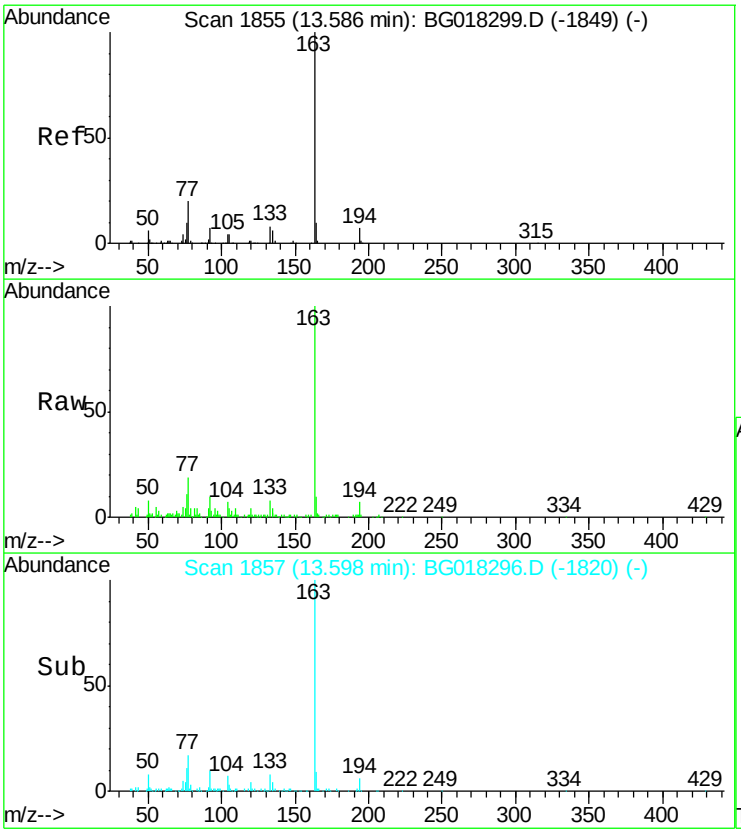
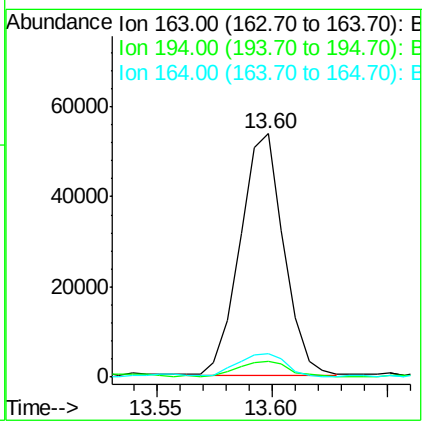
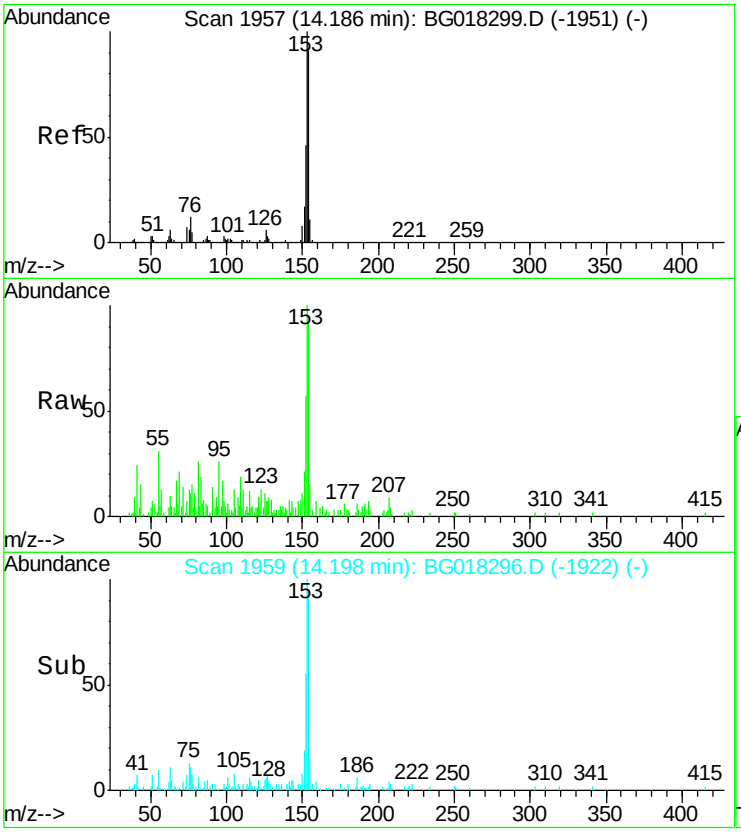


#45
Dimethylphthalate
Concen: 7.60 ng/ul
RT: 13.60 min Scan# 1857
Delta R.T. 0.02 min
Lab File: BG018296.D
Acq: 6 Aug 2015 6:10

Tgt Ion:163 Resp: 70505

Ion	Ratio	Lower	Upper
163	100		
194	6.5	5.4	8.2
164	9.8	7.8	11.8

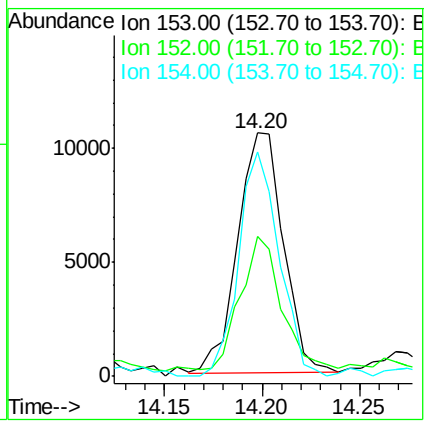




#50
Acenaphthene
Concen: 2.42 ng/ul
RT: 14.20 min Scan# 1959
Delta R.T. 0.02 min
Lab File: BG018296.D
Acq: 6 Aug 2015 6:10

Tgt Ion:153 Resp: 17024

Ion	Ratio	Lower	Upper
153	100		
152	57.2	39.0	58.4
154	92.1	77.4	116.2



Instrument :
BNA_G
ClientSampleId :
C01W6

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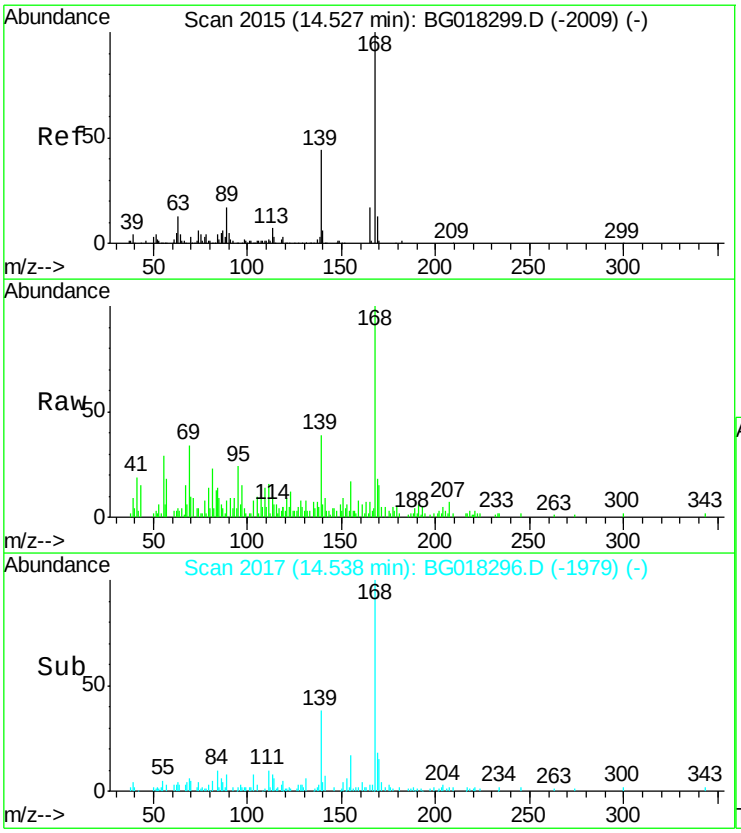
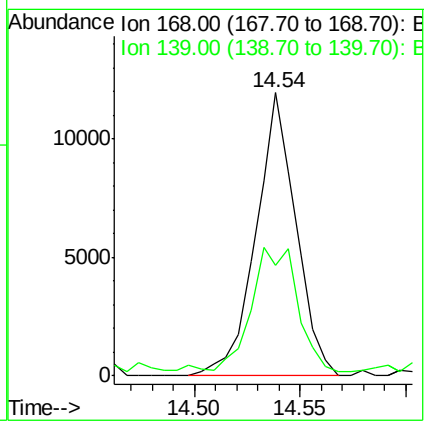
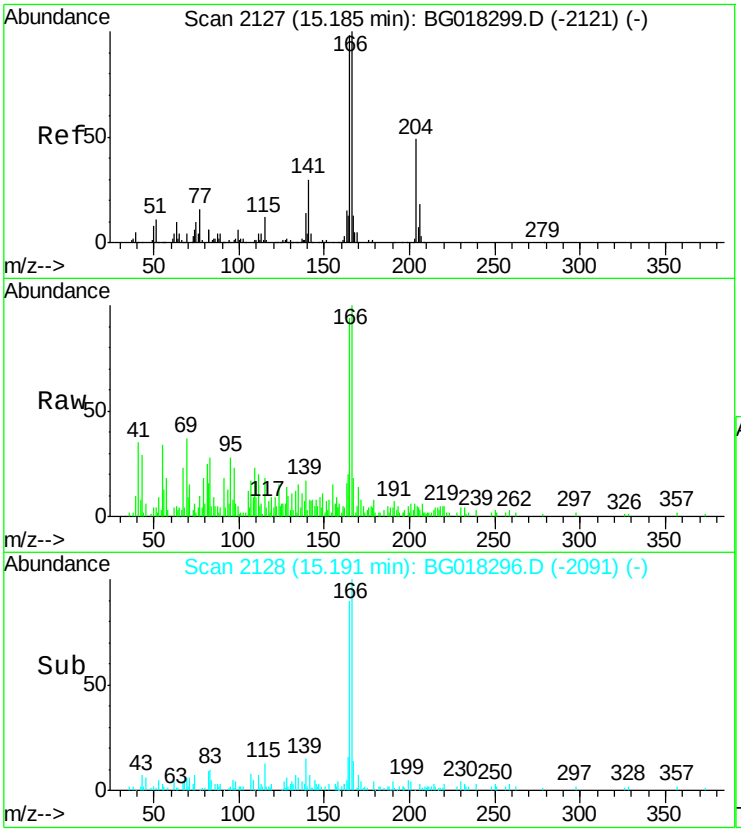


#54
Dibenzofuran
Concen: 1.52 ng/ul
RT: 14.54 min Scan# 2017
Delta R.T. 0.02 min
Lab File: BG018296.D
Acq: 6 Aug 2015 6:10

Tgt Ion:168 Resp: 15707

Ion	Ratio	Lower	Upper
168	100		
139	39.2	37.1	55.7

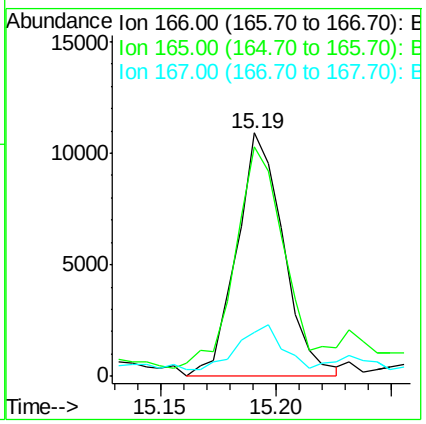




#59
Fluorene
Concen: 1.69 ng/ul
RT: 15.19 min Scan# 2128
Delta R.T. 0.02 min
Lab File: BG018296.D
Acq: 6 Aug 2015 6:10

Tgt Ion:166 Resp: 15367

Ion	Ratio	Lower	Upper
166	100		
165	94.0	72.4	108.6
167	18.1	11.4	17.0#



Instrument :
BNA_G
ClientSampleId :
C01W6

Manual Integrations APPROVED
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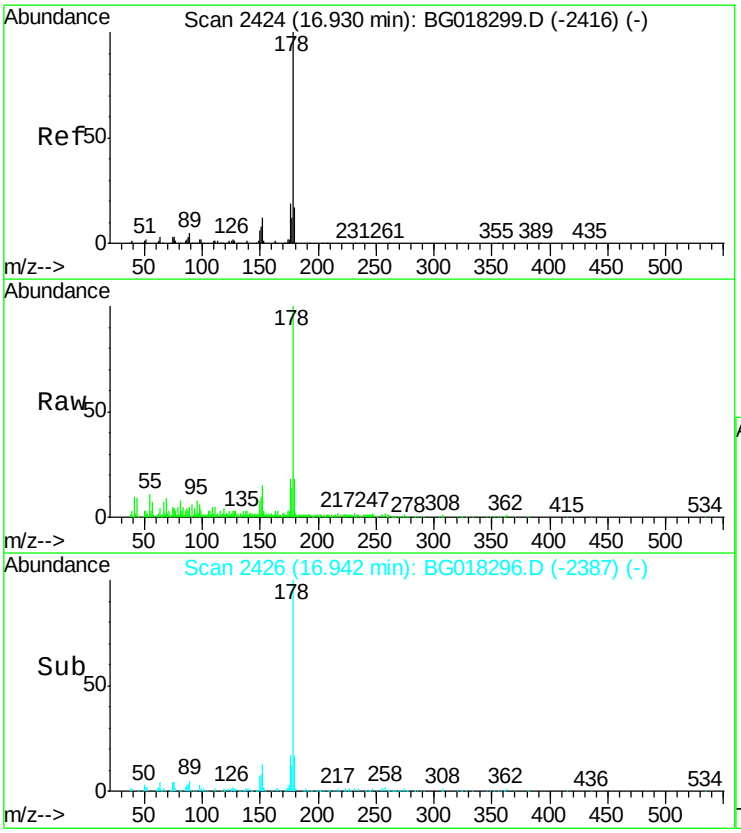
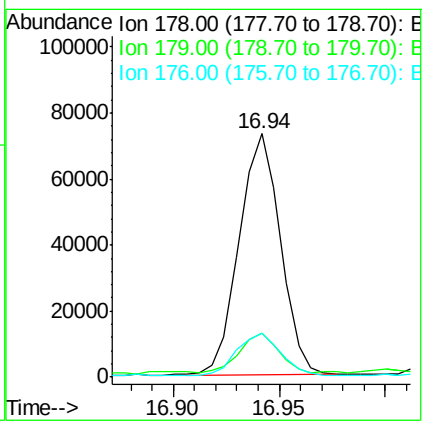
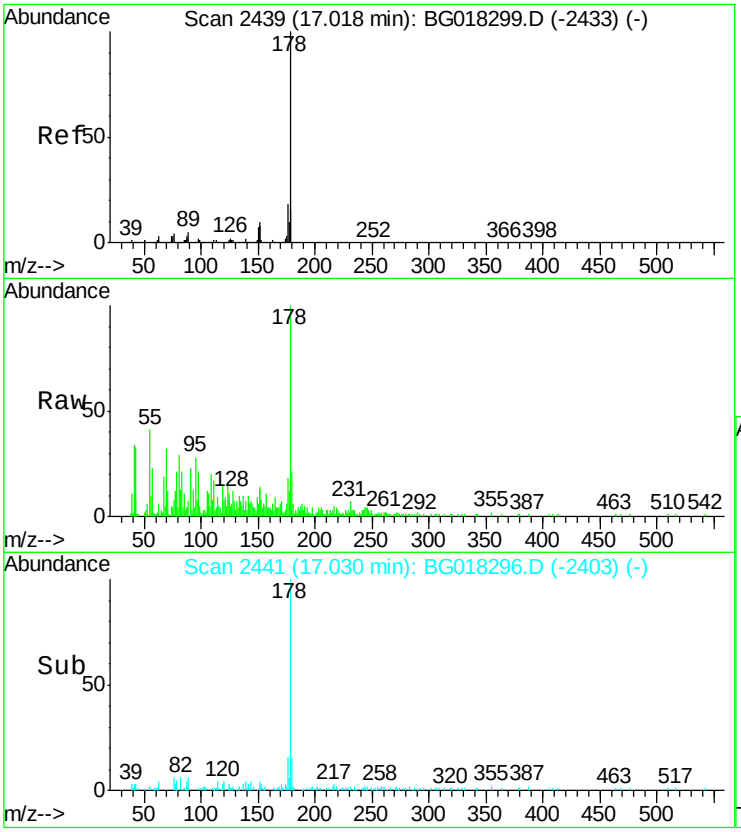


#70
Phenanthrene
Concen: 14.43 ng/ul
RT: 16.94 min Scan# 2426
Delta R.T. 0.03 min
Lab File: BG018296.D
Acq: 6 Aug 2015 6:10

Tgt Ion:178 Resp: 99119

Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.2	18.4
176	18.1	14.5	21.7

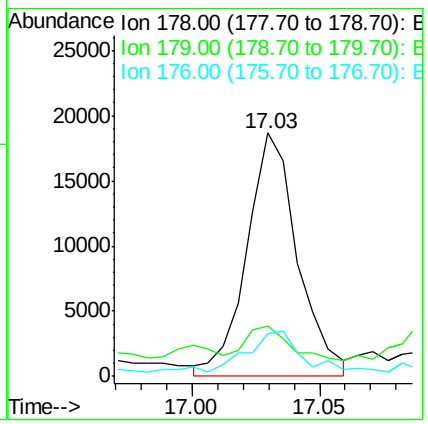




#72
Anthracene
Concen: 3.79 ng/ul m
RT: 17.03 min Scan# 2441
Delta R.T. 0.02 min
Lab File: BG018296.D
Acq: 6 Aug 2015 6:10

Tgt Ion:178 Resp: 25961

Ion	Ratio	Lower	Upper
178	100		
179	20.5	12.2	18.4#
176	17.5	15.3	22.9



Instrument :
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ClientSampleId :
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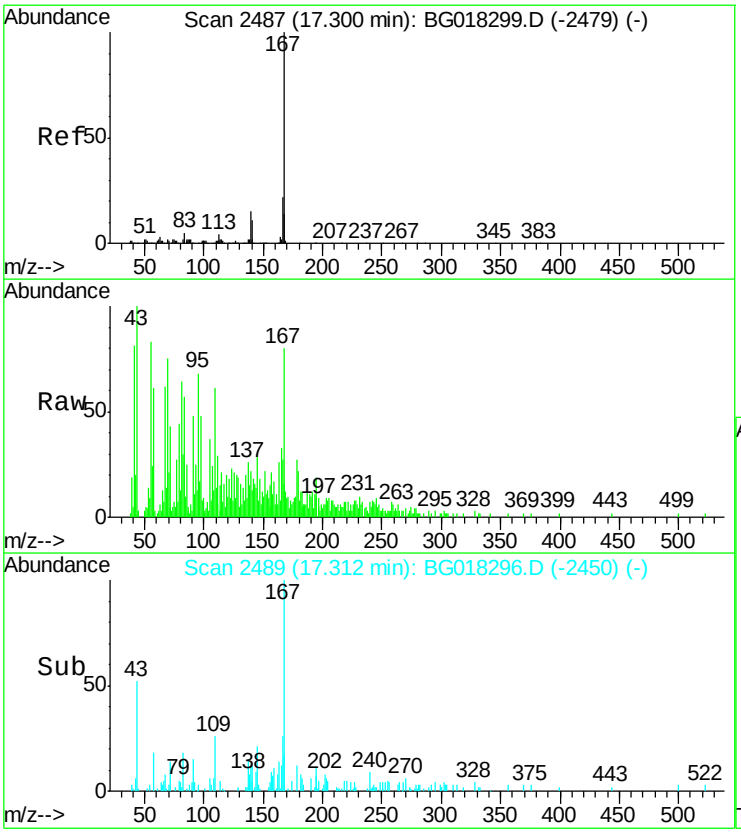
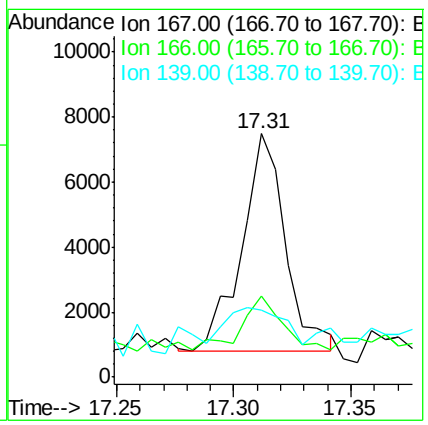
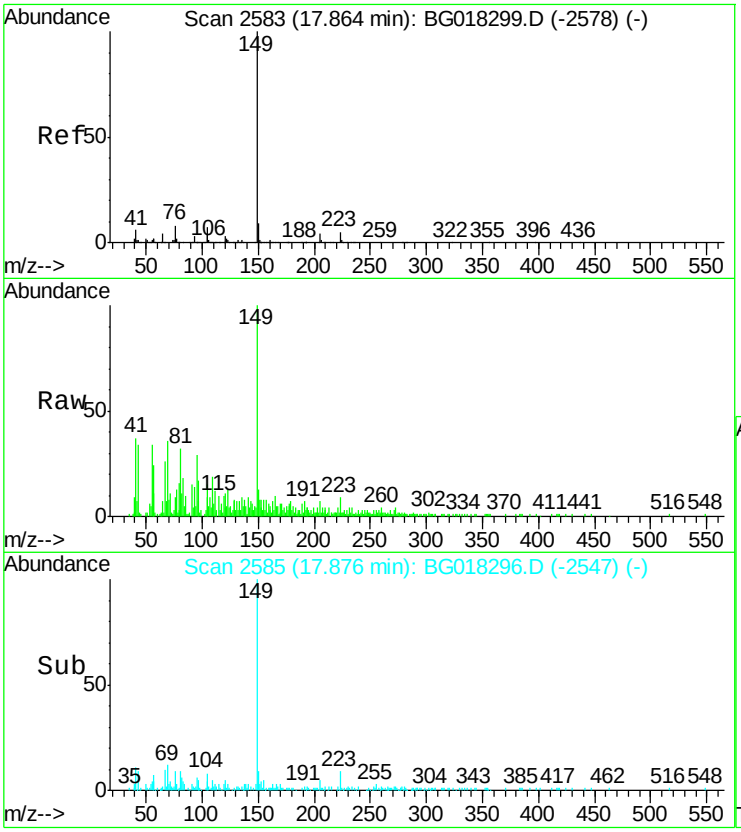


#75
Carbazole
Concen: 1.50 ng/ul m
RT: 17.31 min Scan# 2489
Delta R.T. 0.03 min
Lab File: BG018296.D
Acq: 6 Aug 2015 6:10

Tgt Ion:167 Resp: 8663

Ion	Ratio	Lower	Upper
167	100		
166	33.4	17.8	26.8#
139	27.5	10.6	16.0#





#76
Di-n-butylphthalate
Concen: 4.35 ng/ul m
RT: 17.88 min Scan# 2585
Delta R.T. 0.02 min
Lab File: BG018296.D
Acq: 6 Aug 2015 6:10

Tgt Ion:149 Resp: 35267

Ion	Ratio	Lower	Upper
149	100		
150	13.0	7.4	11.2#
104	9.1	5.5	8.3#

Instrument :
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ClientSampleId :
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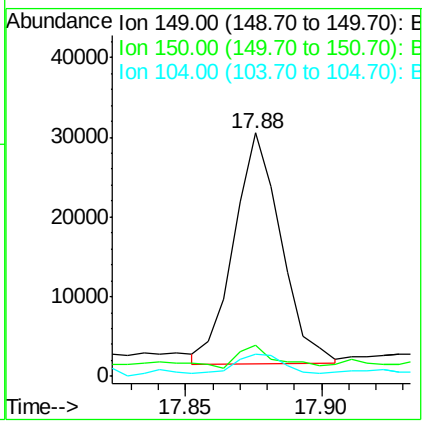
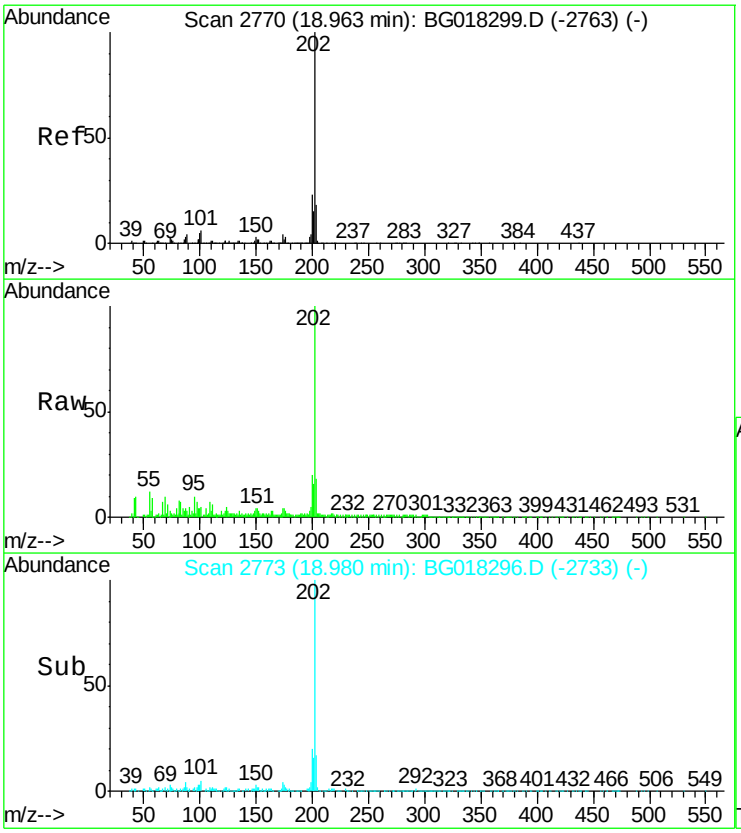
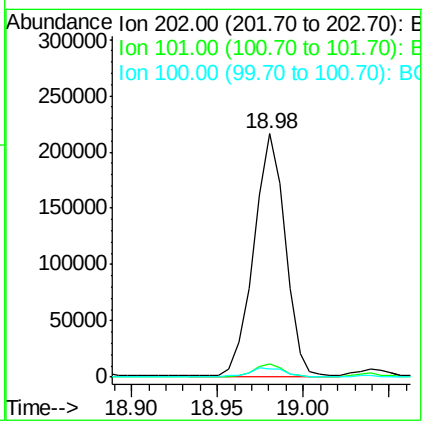


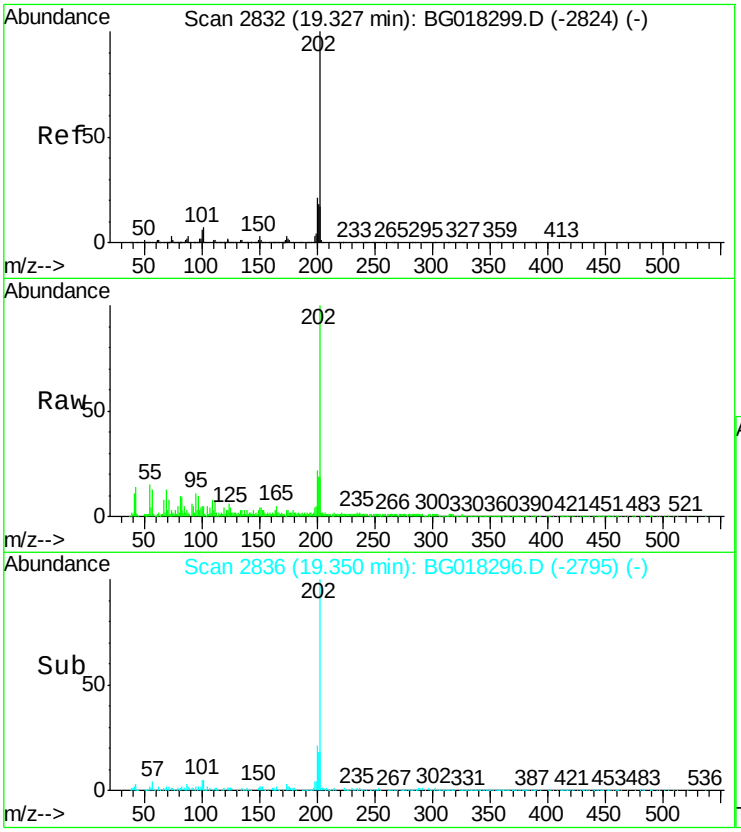


#77
Fluoranthene
Concen: 36.22 ng/ul m
RT: 18.98 min Scan# 2773
Delta R.T. 0.03 min
Lab File: BG018296.D
Acq: 6 Aug 2015 6:10

Tgt Ion:202 Resp: 275914

Ion	Ratio	Lower	Upper
202	100		
101	5.4	6.2	9.2#
100	3.6	4.6	6.8#





#80
Pyrene
Concen: 17.11 ng/ul m
RT: 19.35 min Scan# 2836
Delta R.T. 0.04 min
Lab File: BG018296.D
Acq: 6 Aug 2015 6:10

Tgt Ion:202 Resp: 299039

Ion	Ratio	Lower	Upper
202	100		
101	5.2	6.2	9.2#
100	5.0	4.6	7.0

Instrument :
BNA_G
ClientSampleId :
C01W6

Manual Integrations APPROVED
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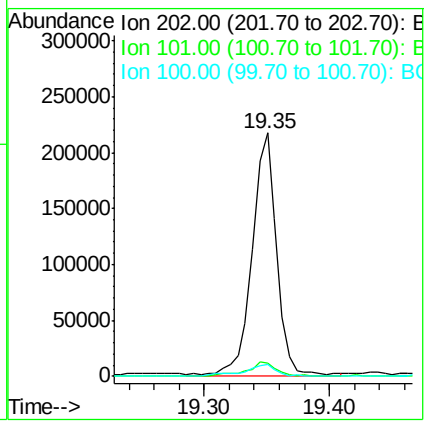
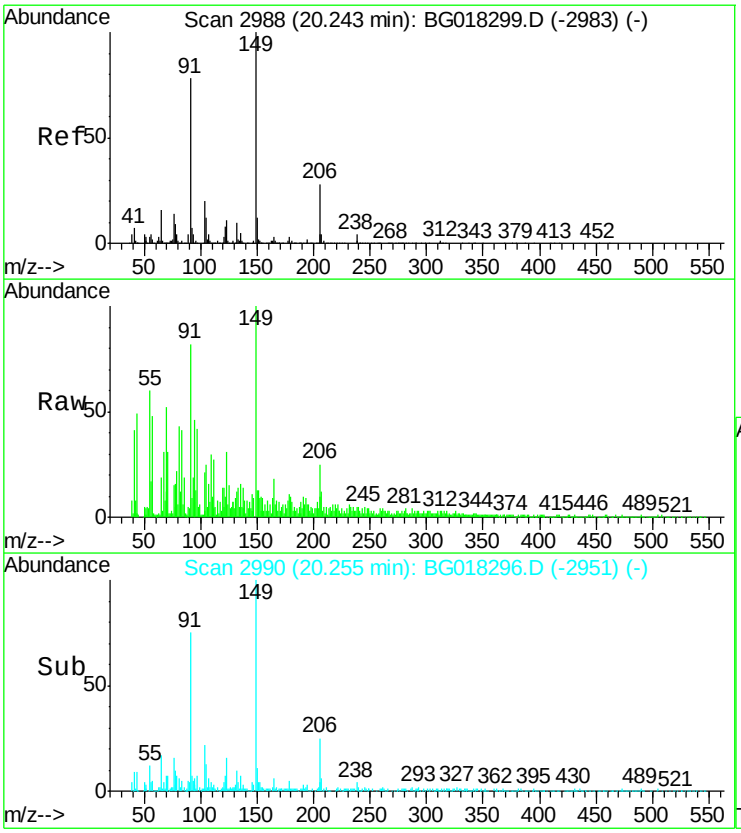
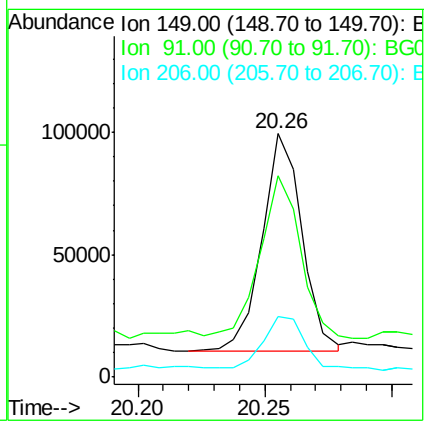


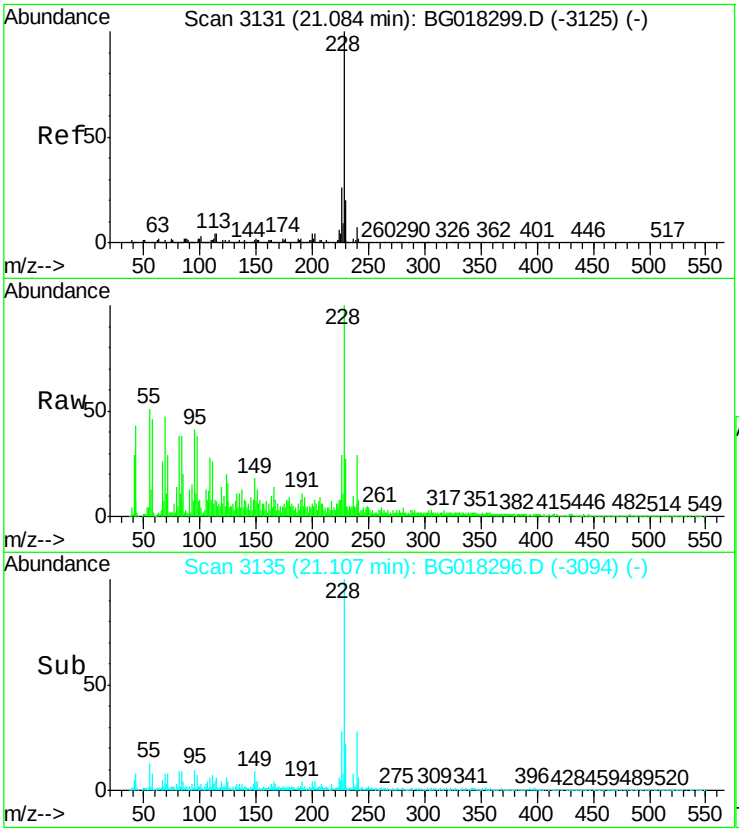


#81
Butylbenzylphthalate
Concen: 14.51 ng/ul
RT: 20.26 min Scan# 2990
Delta R.T. 0.03 min
Lab File: BG018296.D
Acq: 6 Aug 2015 6:10

Tgt Ion:149 Resp: 98289

Ion	Ratio	Lower	Upper
149	100		
91	82.5	58.2	87.2
206	24.9	19.9	29.9

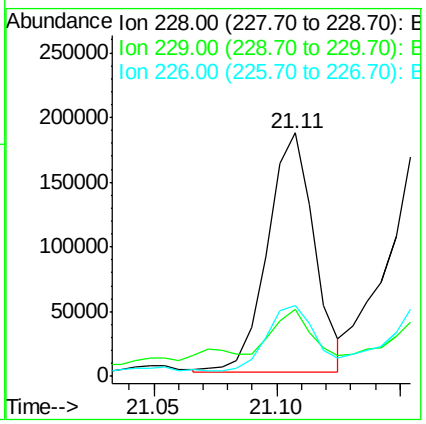




#83
Benzo(a)anthracene
Concen: 18.37 ng/ul m
RT: 21.11 min Scan# 3135
Delta R.T. 0.04 min
Lab File: BG018296.D
Acq: 6 Aug 2015 6:10

Tgt Ion:228 Resp: 243698

Ion	Ratio	Lower	Upper
228	100		
229	27.4	16.3	24.5#
226	29.2	21.2	31.8



Instrument :
BNA_G
ClientSampleId :
C01W6

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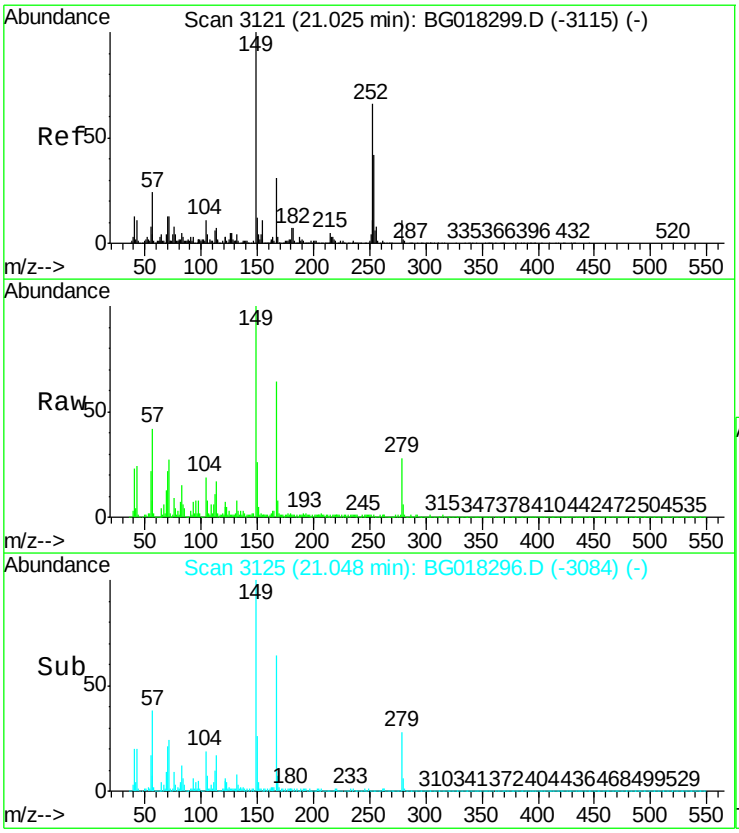
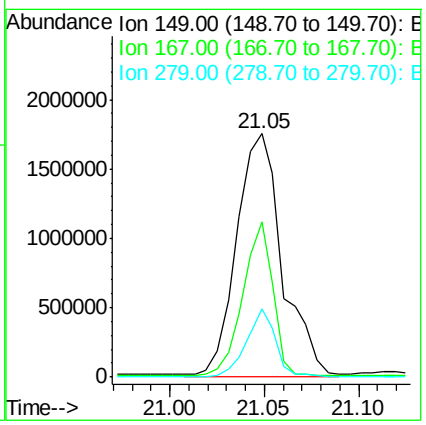
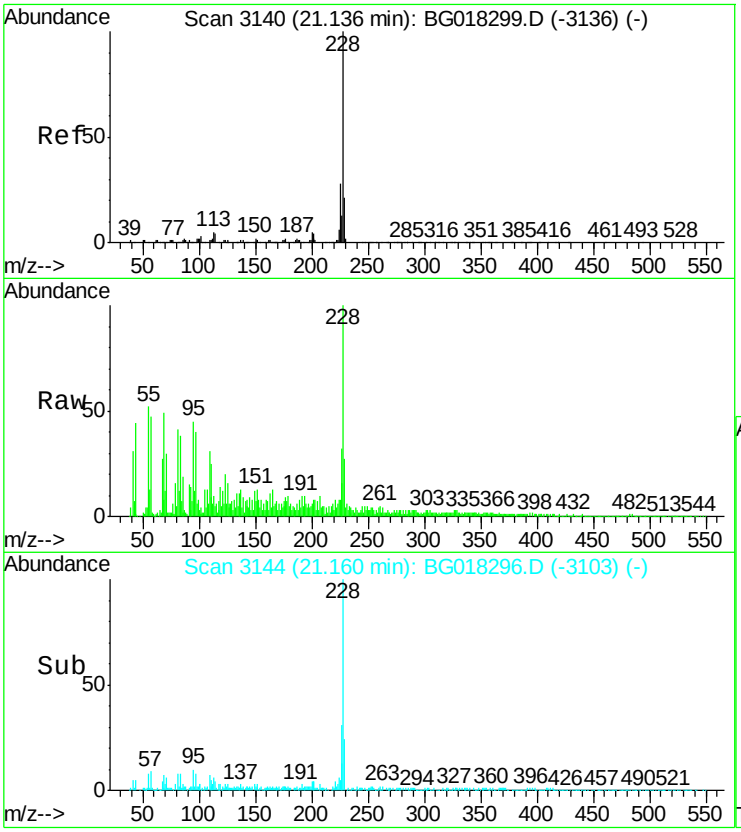


#84
Bis(2-ethylhexyl)phthalate
Concen: 365.53 ng/ul m
RT: 21.05 min Scan# 3125
Delta R.T. 0.04 min
Lab File: BG018296.D
Acq: 6 Aug 2015 6:10

Tgt Ion:149 Resp: 2981180

Ion	Ratio	Lower	Upper
149	100		
167	63.8	26.4	39.6#
279	27.9	8.6	12.8#





#85
Chrysene
Concen: 23.40 ng/ul m
RT: 21.16 min Scan# 3144
Delta R.T. 0.04 min
Lab File: BG018296.D
Acq: 6 Aug 2015 6:10

Tgt Ion:228 Resp: 278889

Ion	Ratio	Lower	Upper
228	100		
226	32.3	23.0	34.6
229	27.0	15.9	23.9#

Instrument :
BNA_G
ClientSampleId :
C01W6

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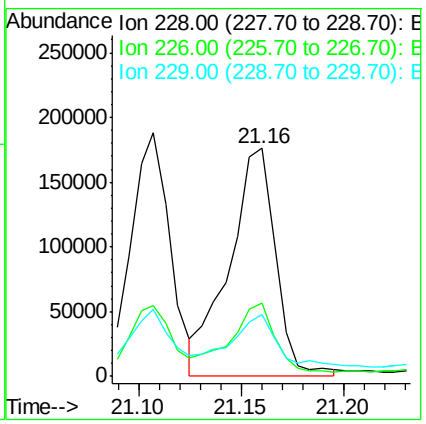
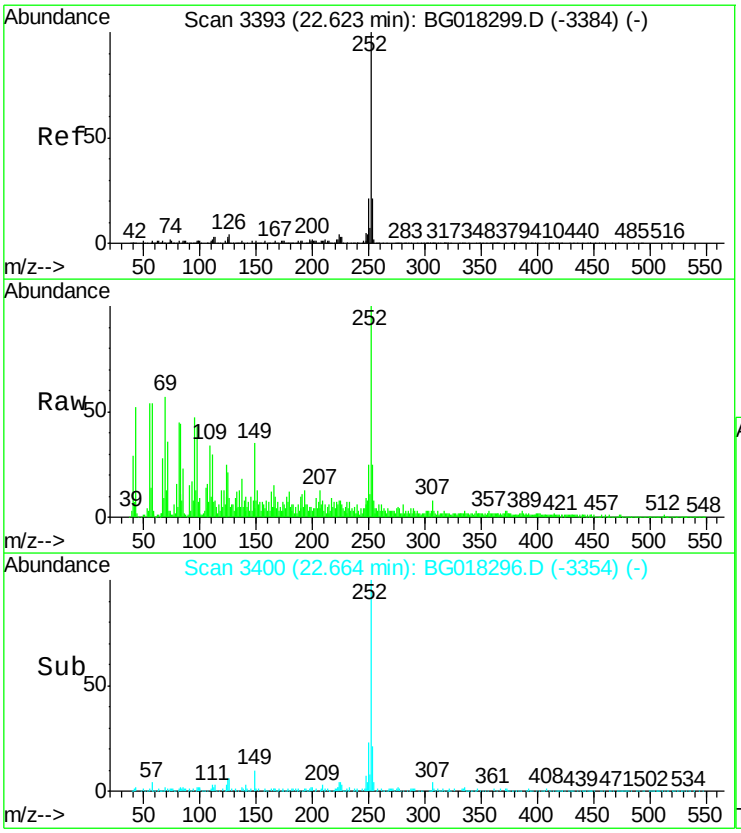
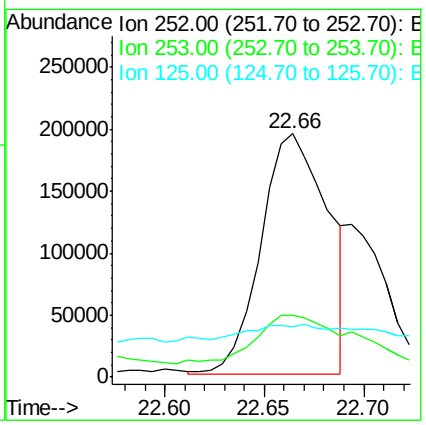


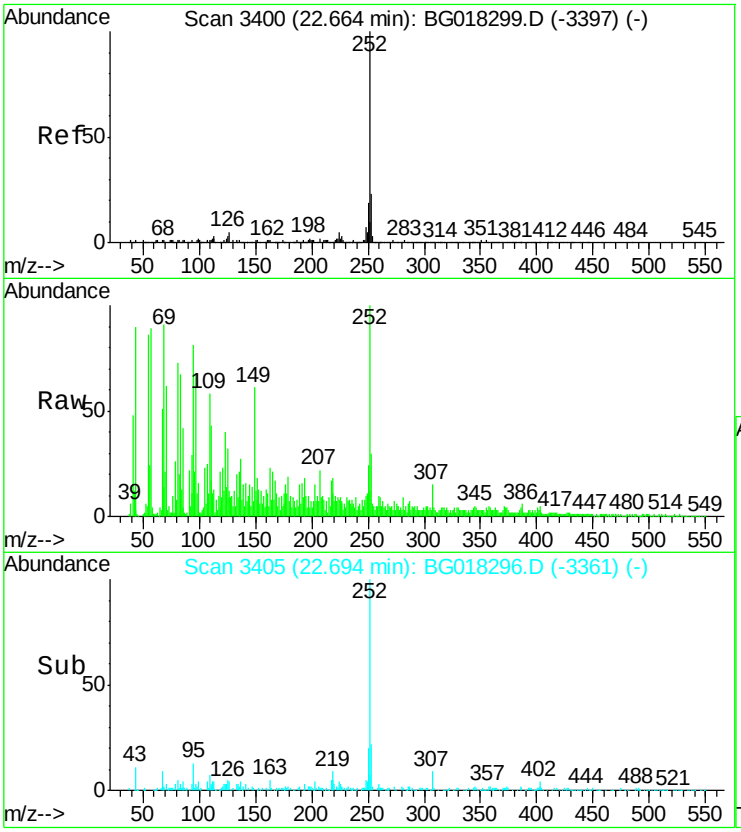


#88
Benzo(b)fluoranthene
Concen: 32.04 ng/ul m
RT: 22.66 min Scan# 3400
Delta R.T. 0.07 min
Lab File: BG018296.D
Acq: 6 Aug 2015 6:10

Tgt Ion:252 Resp: 453837

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.1	27.1
125	20.8	3.1	4.7#





#89
Benzo(k)fluoranthene
Concen: 13.13 ng/ul m
RT: 22.69 min Scan# 3405
Delta R.T. 0.06 min
Lab File: BG018296.D
Acq: 6 Aug 2015 6:10

Tgt Ion:252 Resp: 178304

Ion	Ratio	Lower	Upper
252	100		
253	29.7	16.4	24.6#
125	31.6	3.4	5.2#

Instrument :
BNA_G
ClientSampleId :
C01W6

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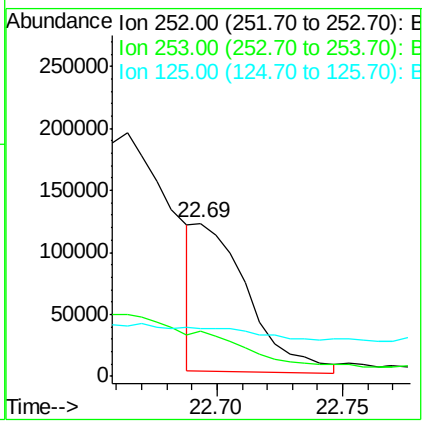
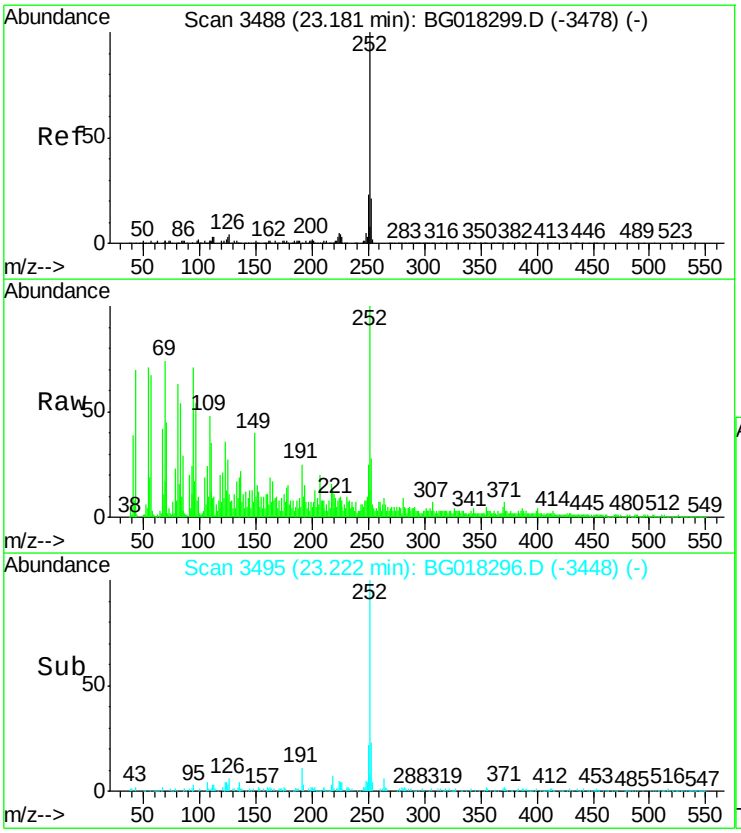
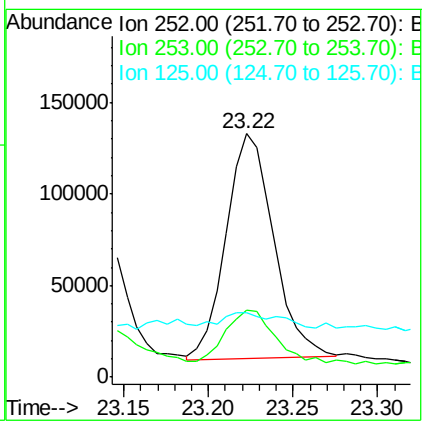


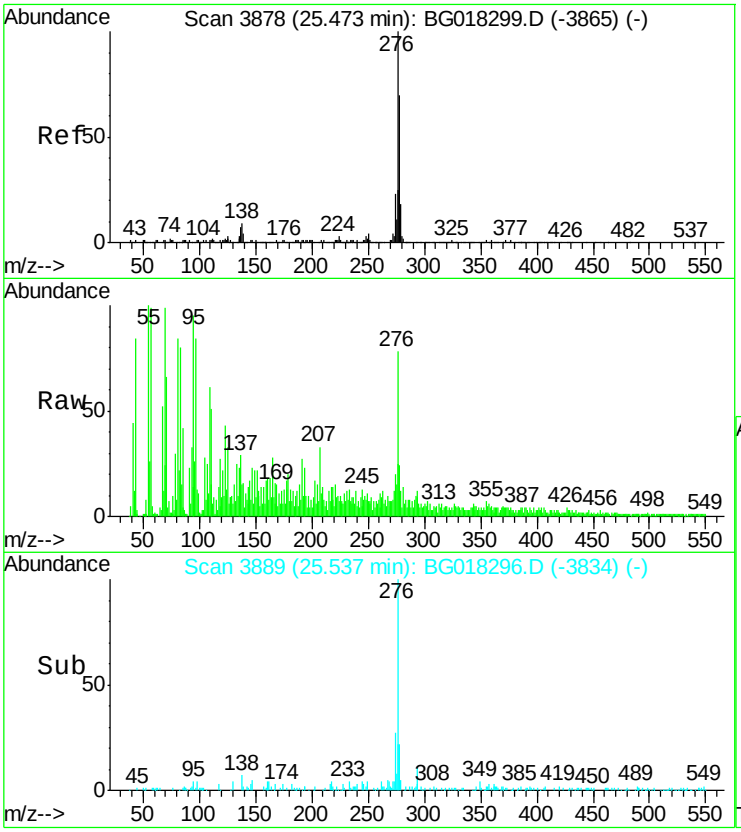


#91
Benzo(a)pyrene
Concen: 19.51 ng/ul
RT: 23.22 min Scan# 3495
Delta R.T. 0.08 min
Lab File: BG018296.D
Acq: 6 Aug 2015 6:10

Tgt Ion:252 Resp: 241291

Ion	Ratio	Lower	Upper
252	100		
253	27.8	18.9	28.3
125	26.6	3.2	4.8#

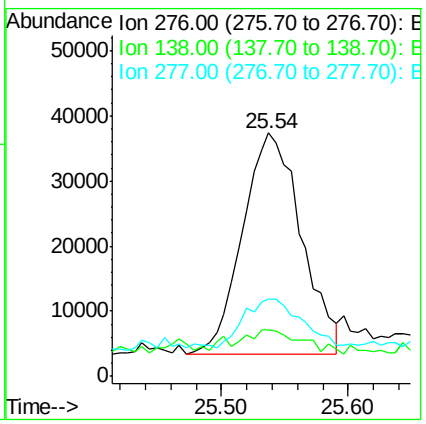




#92
Indeno(1,2,3-cd)pyrene
Concen: 7.12 ng/ul
RT: 25.54 min Scan# 3889
Delta R.T. 0.12 min
Lab File: BG018296.D
Acq: 6 Aug 2015 6:10

Tgt Ion:276 Resp: 108892

Ion	Ratio	Lower	Upper
276	100		
138	18.8	8.2	12.4#
277	31.6	20.1	30.1#



Instrument :
BNA_G
ClientSampleId :
C01W6

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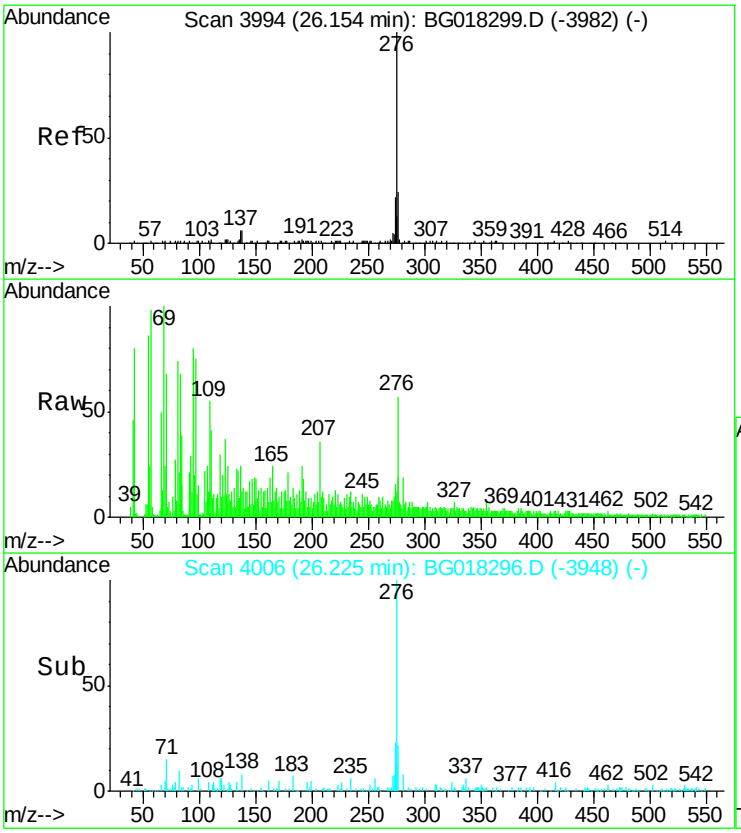

#94
Benzo(g,h,i)perylene
Concen: 7.18 ng/ul m
RT: 26.22 min Scan# 4006
Delta R.T. 0.14 min
Lab File: BG018296.D
Acq: 6 Aug 2015 6:10

Tgt Ion:276 Resp: 89095

Ion	Ratio	Lower	Upper
276	100		
138	21.0	6.0	9.0#
277	34.0	21.1	31.7#