

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080215\
 Data File : BG018234.D
 Acq On : 2 Aug 2015 19:55
 Operator : TP
 Sample : G3073-20RE
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02L3RE

Manual Integrations
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 8/4/2015 12:20:17 PM

Quant Time: Aug 03 08:53:29 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 03 05:58:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	87155	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	376721	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.16	164	227805	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.92	188	391841	20.00	ng/ul	0.01
78) Chrysene-d12	21.13	240	313475	20.00	ng/ul	0.01
86) Perylene-d12	23.32	264	285855	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.96	96	2536	2.20	ng/uL	0.00
5) Phenol-d5	6.69	99	132048	16.85	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.82	67	64280	16.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	113832	19.23	ng/ul	0.01
13) 4-Methylphenol-d8	8.22	113	103011	16.14	ng/ul	0.01
19) Nitrobenzene-d5	8.64	128	61285	20.65	ng/ul	0.01
22) 2-Nitrophenol-d4	9.36	143	59336	17.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	120784	20.07	ng/ul	0.02
29) 4-Chloroaniline-d4	10.42	131	97631	13.02	ng/ul	0.01
44) Dimethylphthalate-d6	13.57	166	360382	20.47	ng/ul	0.00
47) Acenaphthylene-d8	13.85	160	369656	18.11	ng/ul	0.01
52) 4-Nitrophenol-d4	14.41	143	43363	13.31	ng/ul	0.02
58) Fluorene-d10	15.17	176	247673	15.55	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.31	200	2342	0.86	ng/ul	0.02
71) Anthracene-d10	17.02	188	288066	16.91	ng/ul	0.01
79) Pyrene-d10	19.33	212	193998	12.79	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.18	264	201011	13.91	ng/ul	0.03

Target Compounds

						Qvalue
45) Dimethylphthalate	13.63	163	161449	9.22	ng/ul	99
70) Phenanthrene	16.96	178	98512	4.95	ng/ul	99
76) Di-n-butylphthalate	17.90	149	25734	1.18	ng/ul#	94
77) Fluoranthene	19.00	202	150308	6.88	ng/ul#	89
80) Pyrene	19.36	202	143960m	7.57	ng/ul	
81) Butylbenzylphthalate	20.27	149	47989	6.21	ng/ul#	81
83) Benzo(a)anthracene	21.11	228	71949	4.26	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.05	149	160620	15.41	ng/ul#	96
85) Chrysene	21.17	228	86915m	5.62	ng/ul	
88) Benzo(b)fluoranthene	22.66	252	137154	7.99	ng/ul#	88
89) Benzo(k)fluoranthene	22.70	252	46870m	2.97	ng/ul	
91) Benzo(a)pyrene	23.22	252	71110	4.63	ng/ul#	85
92) Indeno(1,2,3-cd)pyrene	25.54	276	44688	2.51	ng/ul#	84
94) Benzo(g,h,i)perylene	26.21	276	37925	2.61	ng/ul#	92

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

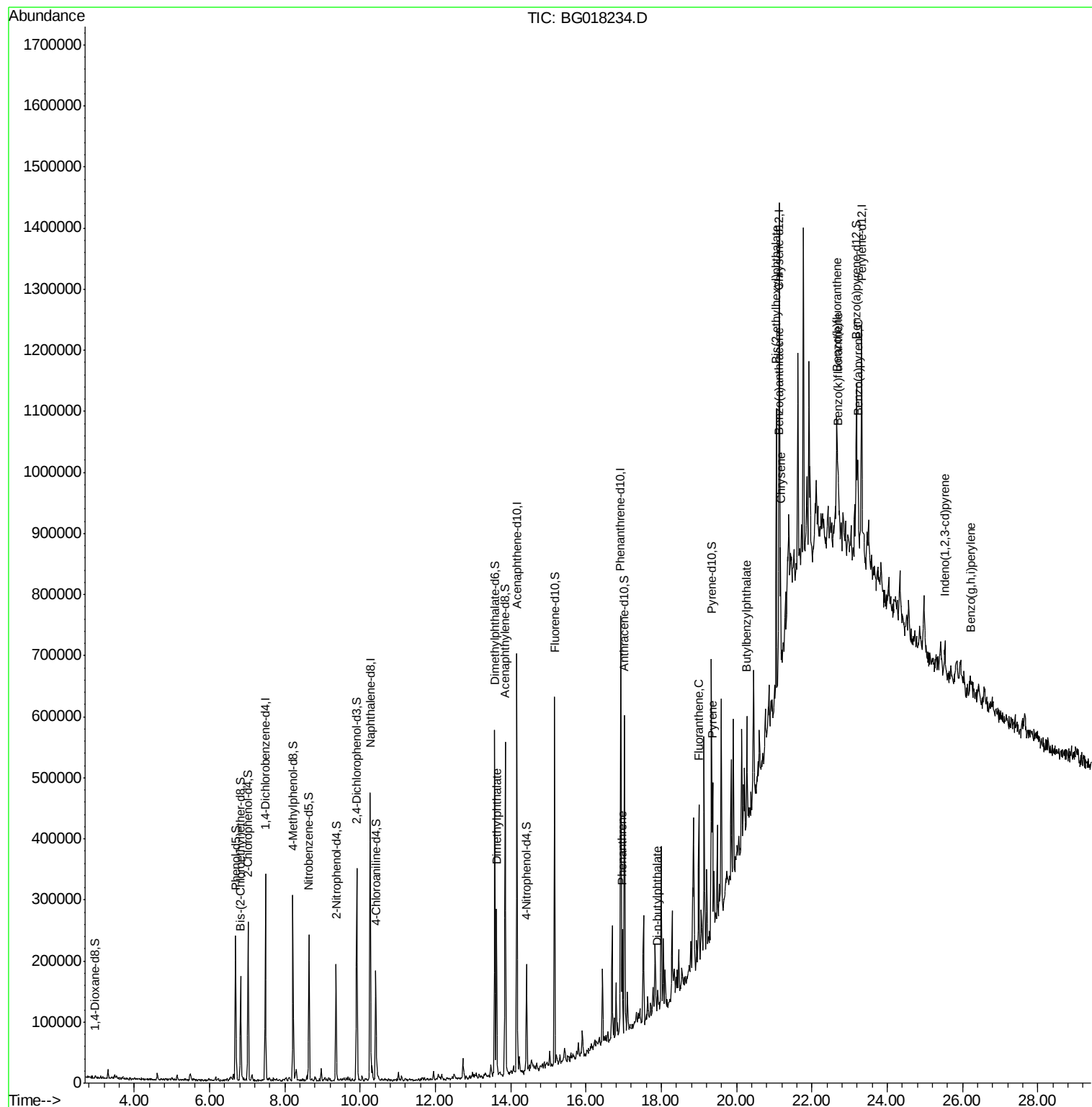
Data Path : Z:\HPCHEM1\BNA_G\Data\BG080215\
Data File : BG018234.D
Acq On : 2 Aug 2015 19:55
Operator : TP
Sample : G3073-20RE
Misc :
ALS Vial : 33 Sample Multiplier: 1

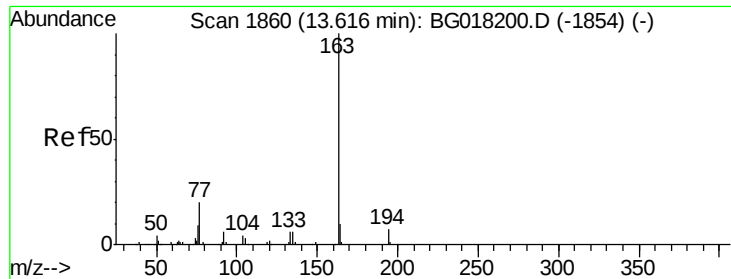
Instrument :
BNA_G
ClientSampleId :
C02L3RE

Quant Time: Aug 03 08:53:29 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 05:58:42 2015
Response via : Initial Calibration

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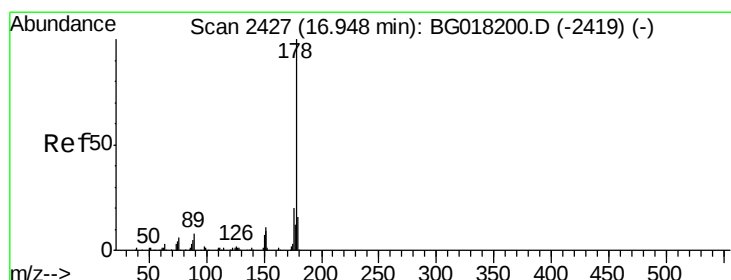
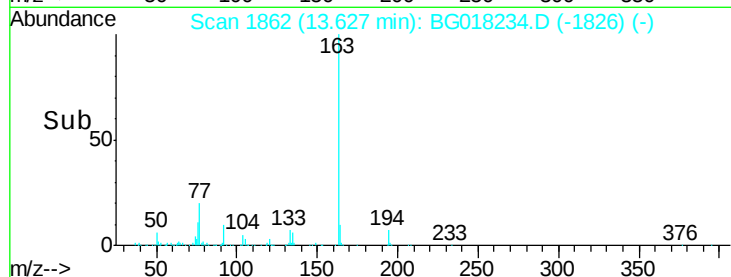
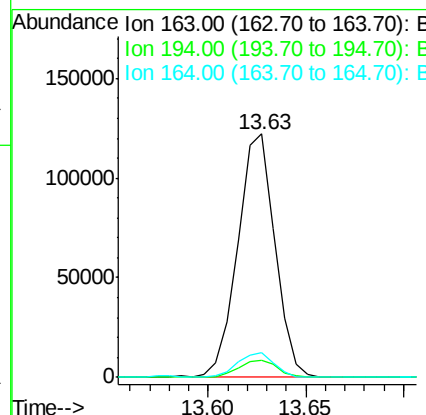
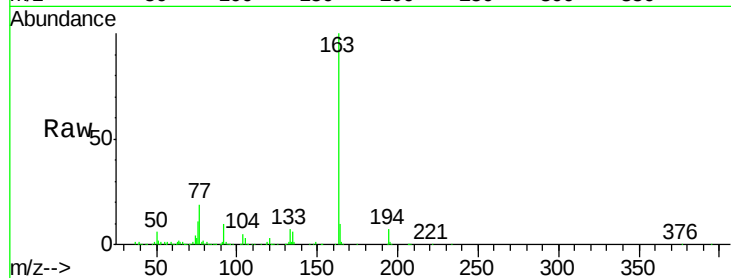
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Dimethylphthalate
Concen: 9.22 ng/ul
RT: 13.63 min Scan# 1862
Delta R.T. 0.01 min
Lab File: BG018234.D
Acq: 2 Aug 2015 19:55

Instrument :
BNA_G
ClientSampleId :
C02L3RE

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	161449		
194	7.1	5.2	7.8	
164	10.4	8.4	12.6	

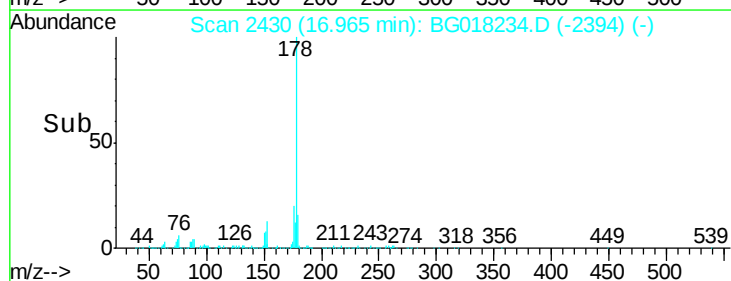
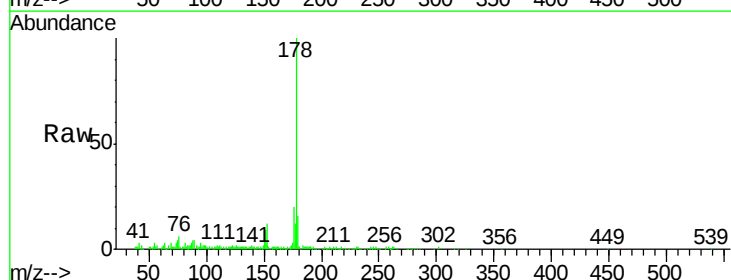
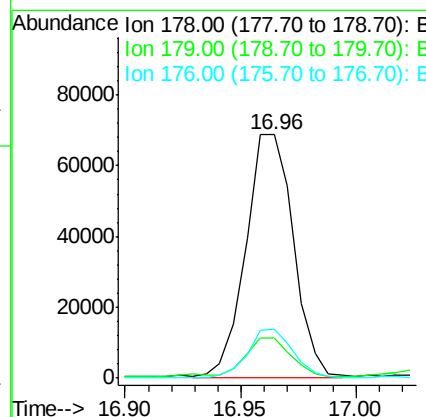
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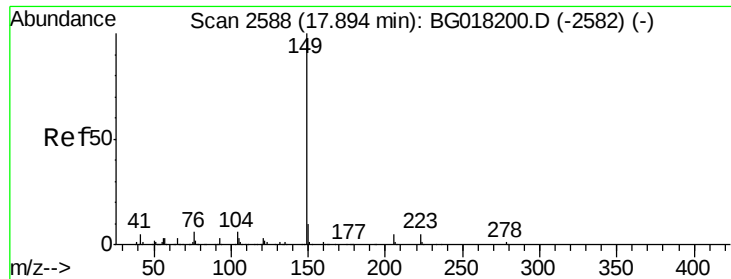
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#70
Phenanthrene
Concen: 4.95 ng/ul
RT: 16.96 min Scan# 2430
Delta R.T. 0.01 min
Lab File: BG018234.D
Acq: 2 Aug 2015 19:55

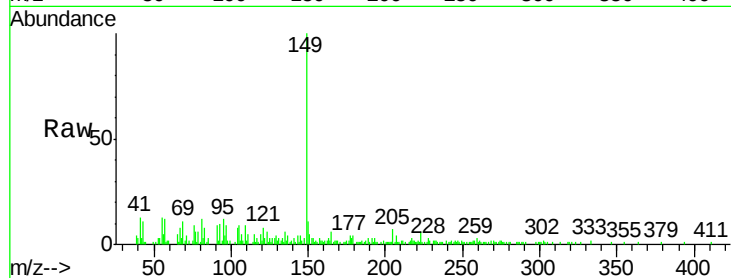
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	98512		
179	16.3	12.8	19.2	
176	20.2	16.0	24.0	





#76
Di-n-butylphthalate
Concen: 1.18 ng/ul
RT: 17.90 min Scan# 2589
Delta R.T. 0.01 min
Lab File: BG018234.D
Acq: 2 Aug 2015 19:55

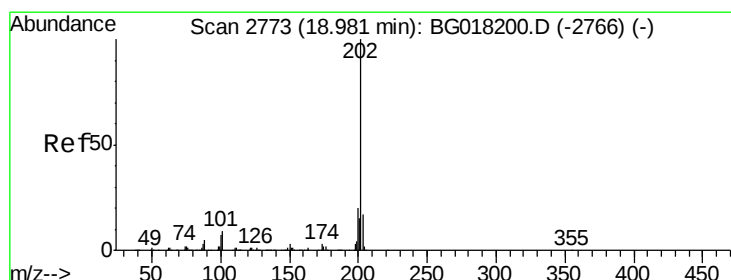
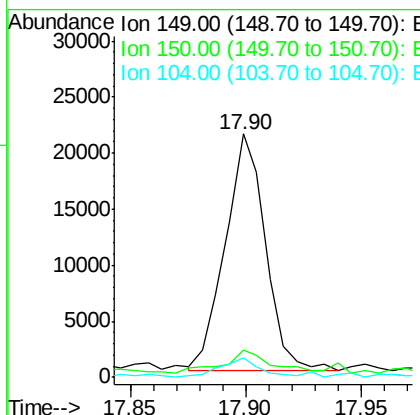
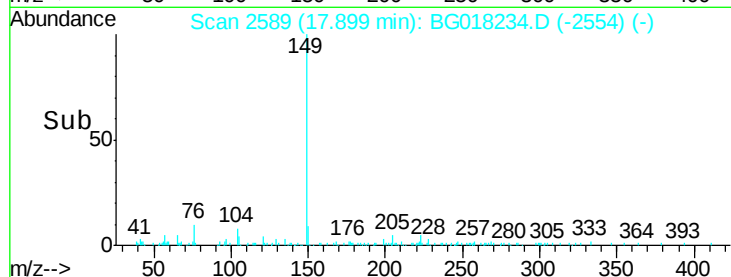
Instrument :
BNA_G
ClientSampleId :
C02L3RE



Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	11.0	7.7	11.5
104	7.9	3.6	5.4

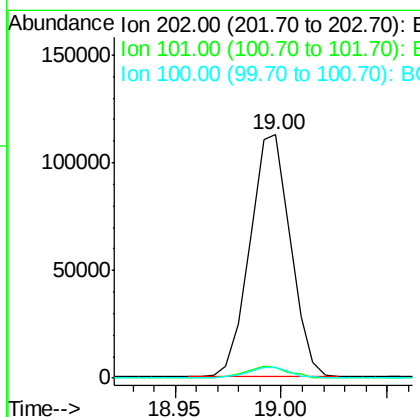
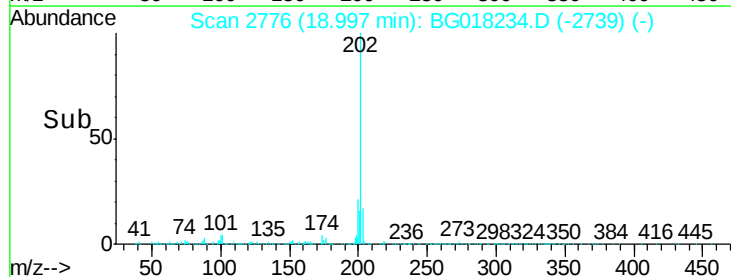
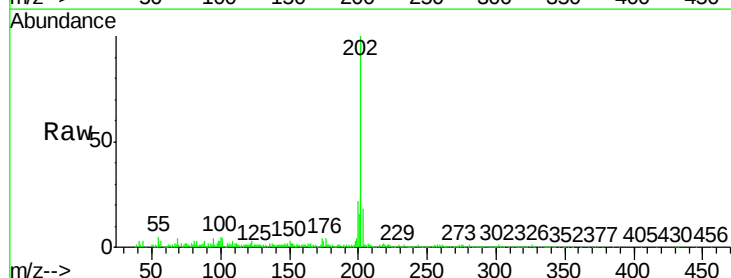
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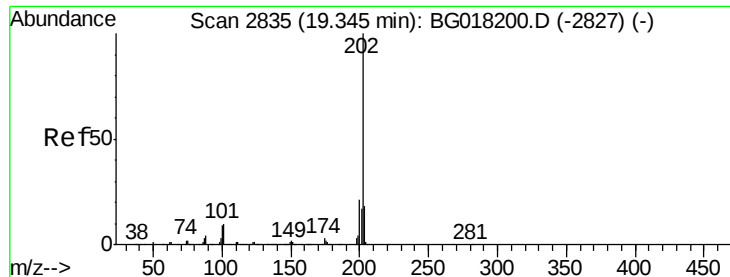
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#77
Fluoranthene
Concen: 6.88 ng/ul
RT: 19.00 min Scan# 2776
Delta R.T. 0.02 min
Lab File: BG018234.D
Acq: 2 Aug 2015 19:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	4.4	7.5	11.3
100	4.6	5.5	8.3





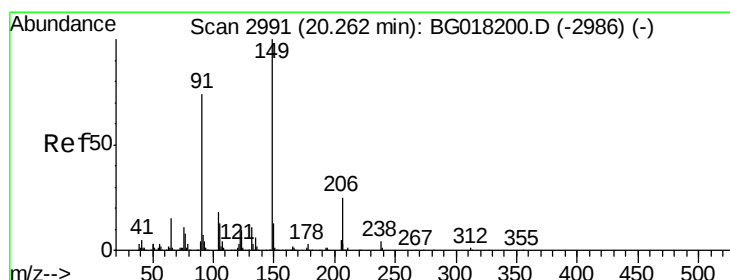
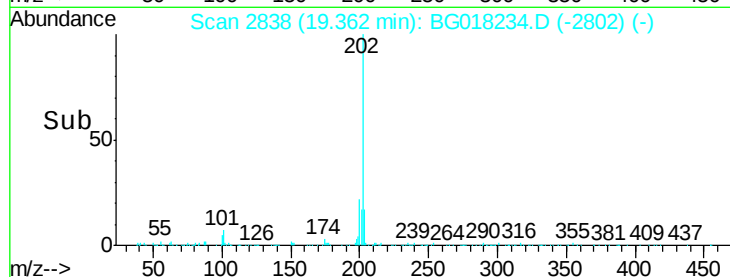
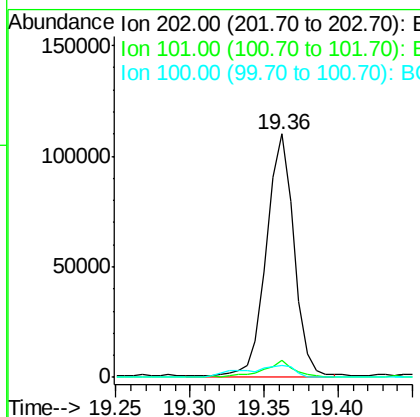
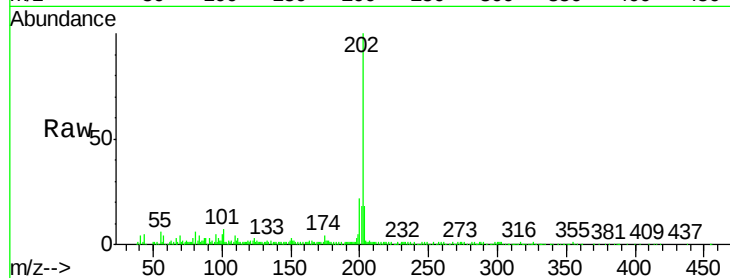
#80
Pyrene
Concen: 7.57 ng/ul m
RT: 19.36 min Scan# 2838
Delta R.T. 0.01 min
Lab File: BG018234.D
Acq: 2 Aug 2015 19:55

Instrument :
BNA_G
ClientSampleId :
C02L3RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.2	8.1	12.1#
100	4.9	7.4	11.0#

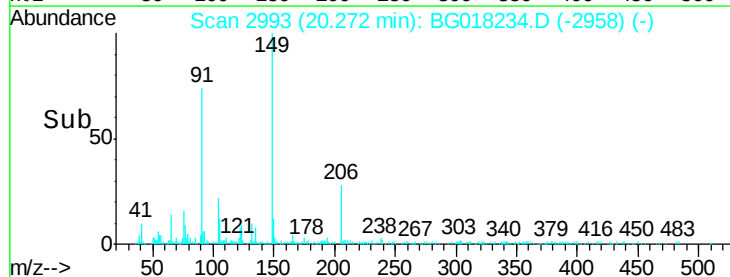
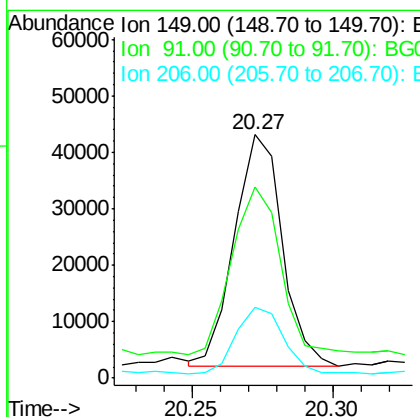
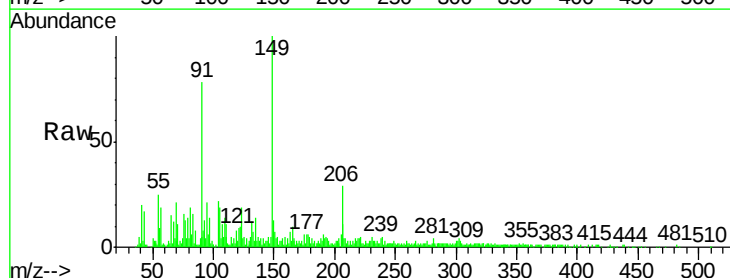
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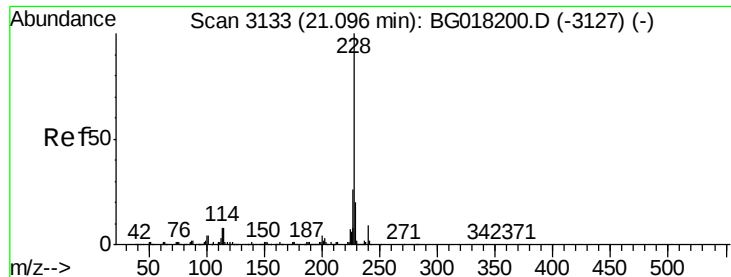
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#81
Butylbenzylphthalate
Concen: 6.21 ng/ul
RT: 20.27 min Scan# 2993
Delta R.T. 0.01 min
Lab File: BG018234.D
Acq: 2 Aug 2015 19:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	78.5	46.6	69.8#
206	28.9	21.8	32.8





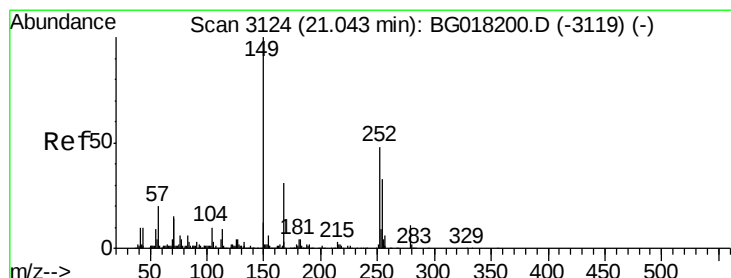
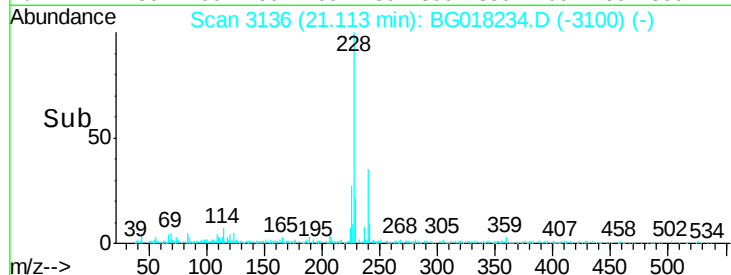
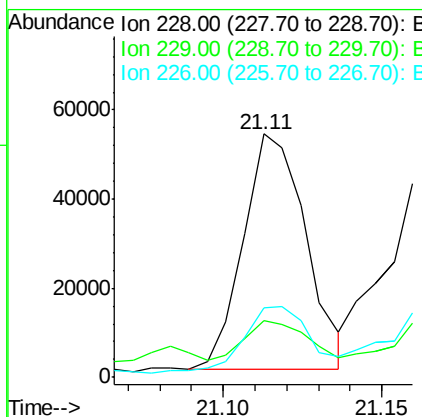
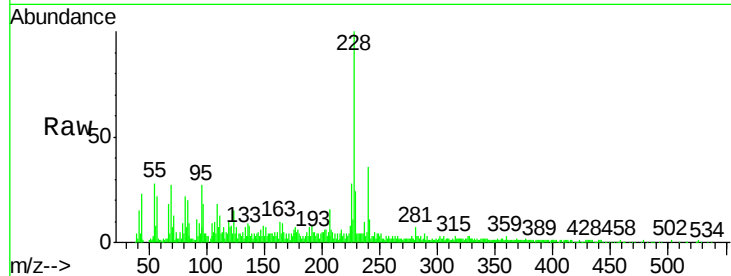
#83
Benzo(a)anthracene
Concen: 4.26 ng/ul
RT: 21.11 min Scan# 3136
Delta R.T. 0.01 min
Lab File: BG018234.D
Acq: 2 Aug 2015 19:55

Instrument :
BNA_G
ClientSampleId :
C02L3RE

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.5	16.5	24.7
226	28.4	21.5	32.3

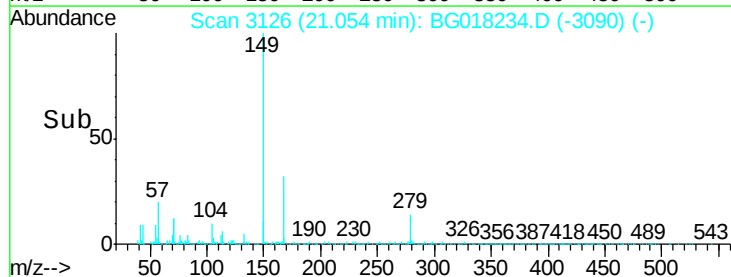
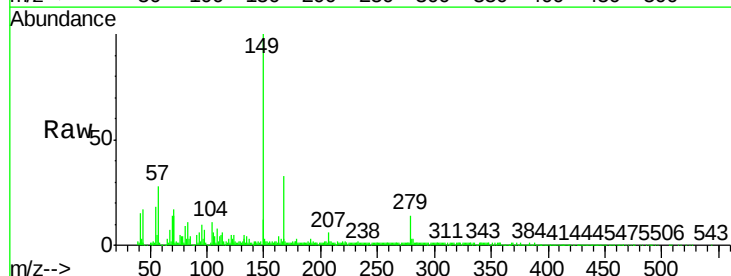
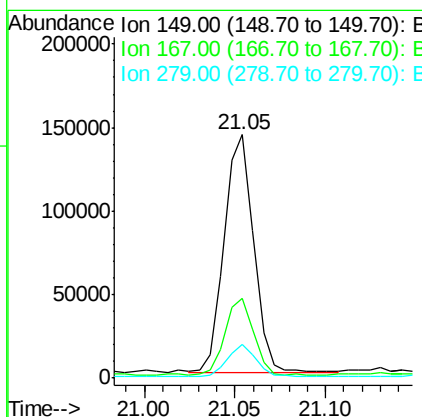
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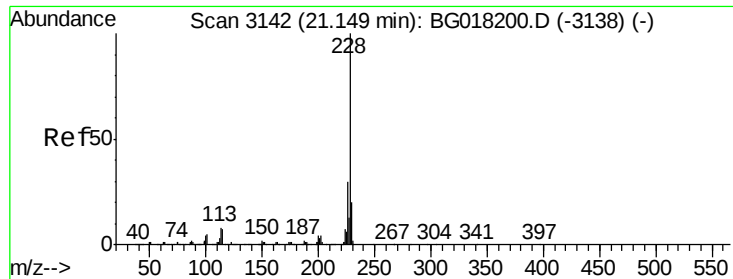
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#84
Bis(2-ethylhexyl)phthalate
Concen: 15.41 ng/ul
RT: 21.05 min Scan# 3126
Delta R.T. 0.01 min
Lab File: BG018234.D
Acq: 2 Aug 2015 19:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.6	27.4	41.2
279	13.9	8.3	12.5#





#85

Chrysene

Concen: 5.62 ng/ul m

RT: 21.17 min Scan# 3145

Delta R.T. 0.01 min

Lab File: BG018234.D

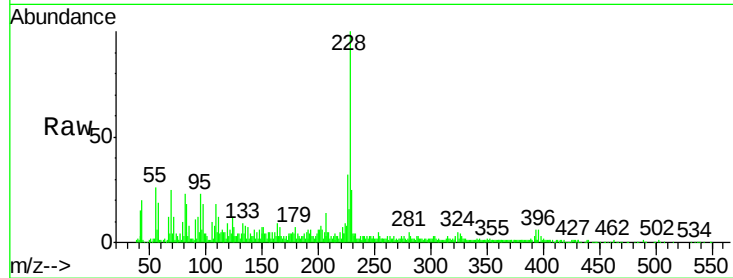
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Instrument :

BNA_G

ClientSampleId :

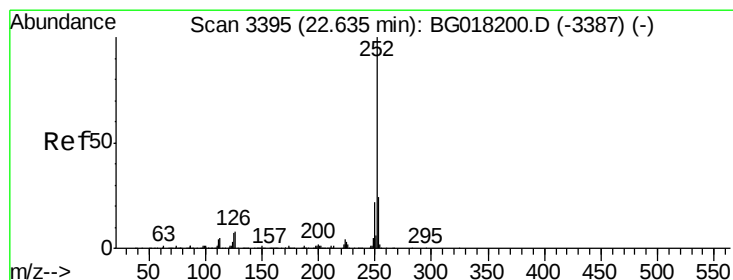
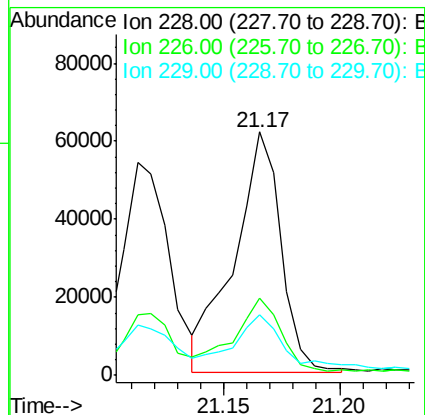
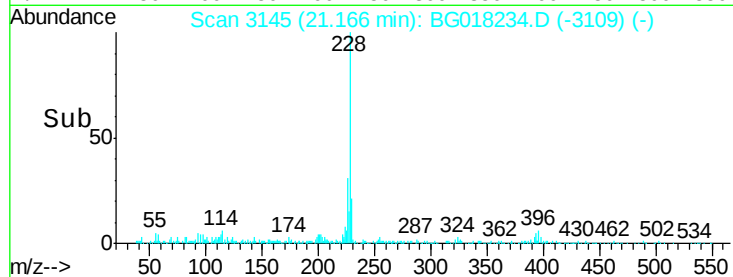
C02L3RE



Tgt Ion:	228	Resp:	86915
Ion Ratio	Lower	Upper	
228	100		
226	31.6	22.7	34.1
229	24.7	16.2	24.2#

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 7.99 ng/ul

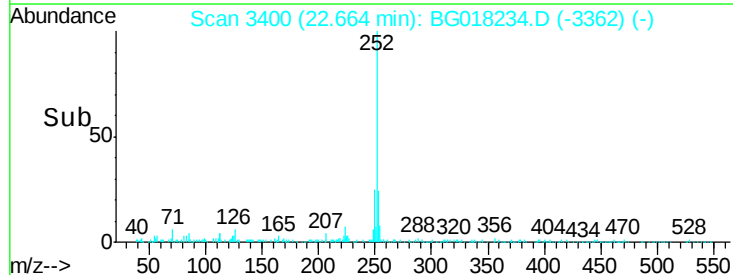
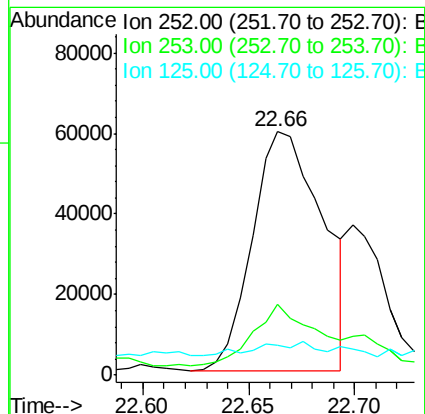
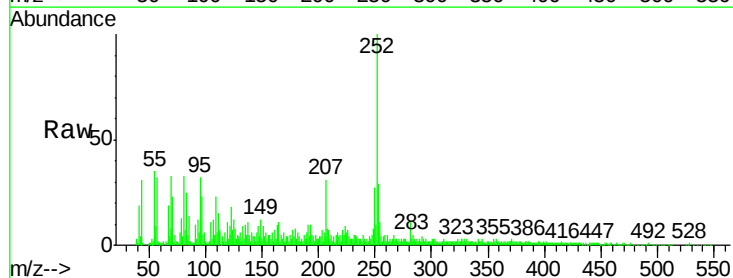
RT: 22.66 min Scan# 3400

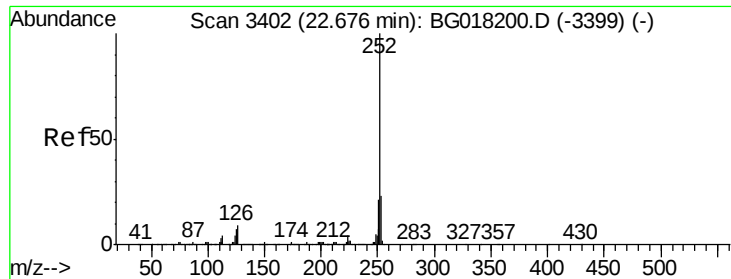
Delta R.T. 0.03 min

Lab File: BG018234.D

Acq: 2 Aug 2015 19:55

Tgt Ion:	252	Resp:	137154
Ion Ratio	Lower	Upper	
252	100		
253	29.3	18.5	27.7#
125	12.3	7.4	11.0#





#89

Benzo(k)fluoranthene

Concen: 2.97 ng/ul m

RT: 22.70 min Scan# 3406

Delta R.T. 0.02 min

Lab File: BG018234.D

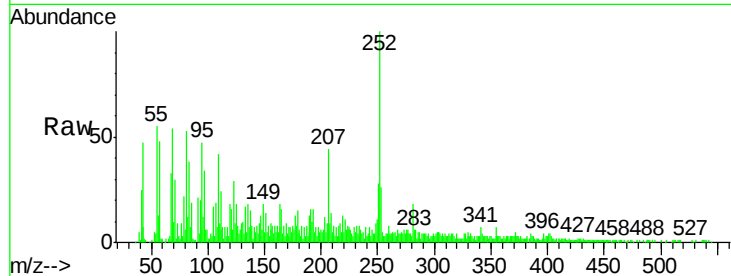
Acq: 2 Aug 2015 19:55

Instrument :

BNA_G

ClientSampleId :

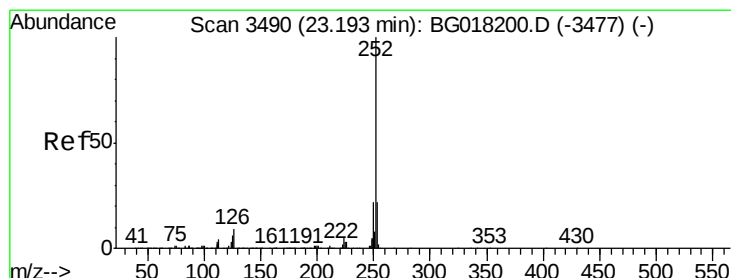
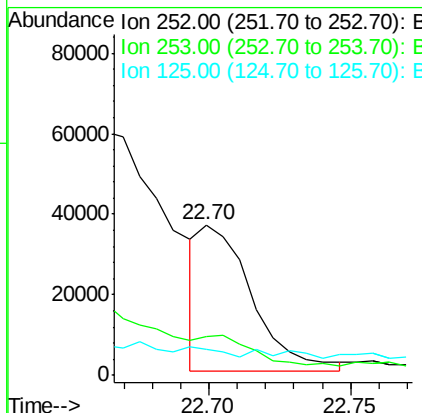
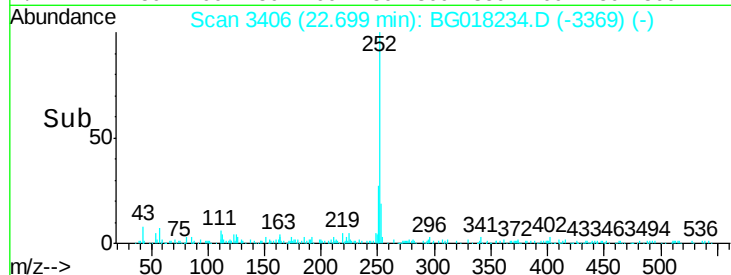
C02L3RE



Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.2	27.2
125	17.5	7.5	11.3#

Manual Integrations
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#91

Benzo(a)pyrene

Concen: 4.63 ng/ul

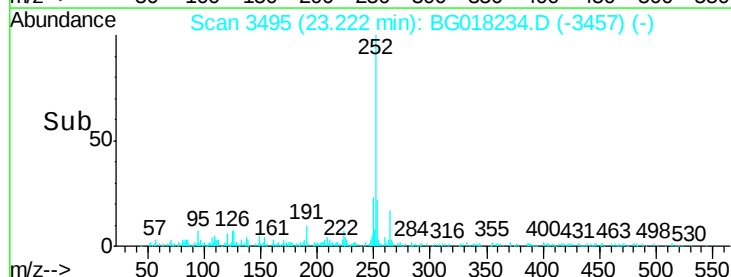
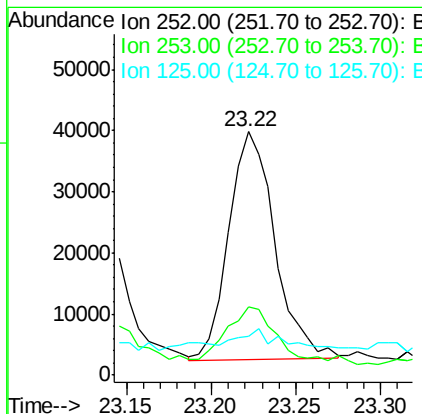
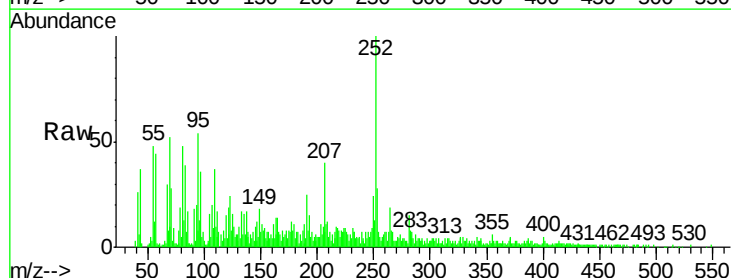
RT: 23.22 min Scan# 3495

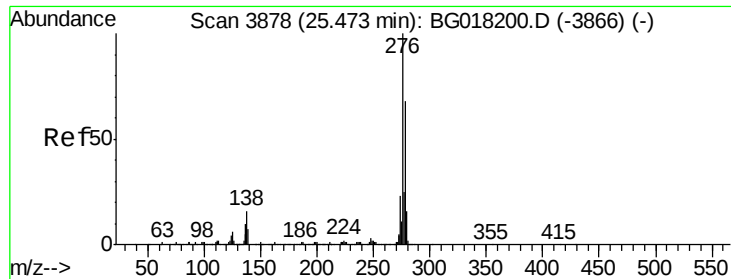
Delta R.T. 0.03 min

Lab File: BG018234.D

Acq: 2 Aug 2015 19:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.4	26.2#
125	16.0	7.3	10.9#





#92

Indeno(1,2,3-cd)pyrene

Concen: 2.51 ng/ul

RT: 25.54 min Scan# 3889

Delta R.T. 0.05 min

Lab File: BG018234.D

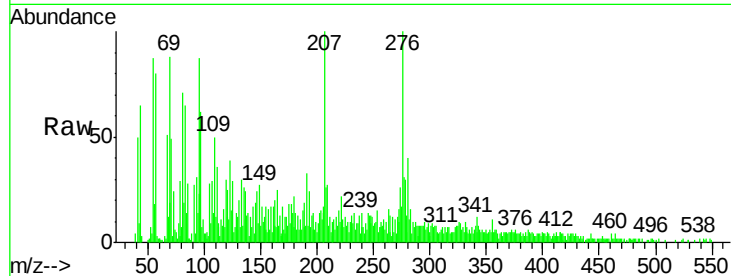
Acq: 2 Aug 2015 19:55

Instrument :

BNA_G

ClientSampleId :

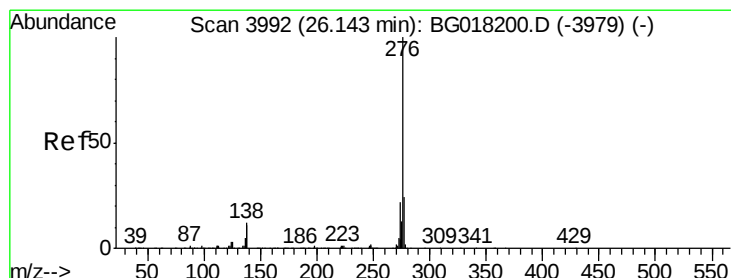
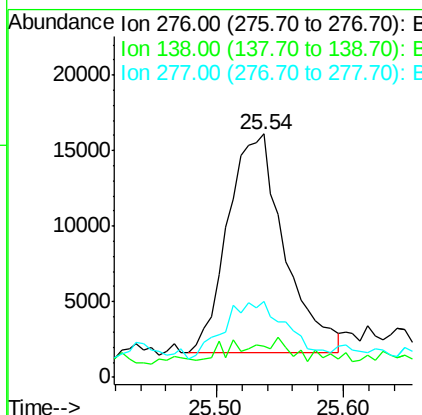
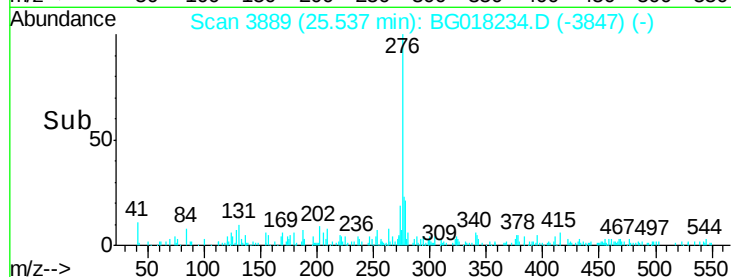
C02L3RE



Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.9	17.2	25.8#
277	31.1	19.5	29.3#

Manual Integrations
APPROVED

MMDadoda
8/4/2015 12:20:17 PM



#94

Benzo(g,h,i)perylene

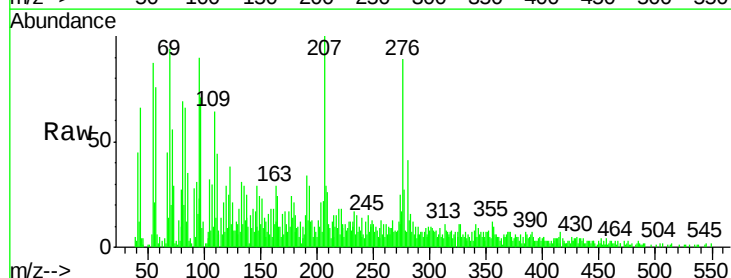
Concen: 2.61 ng/ul

RT: 26.21 min Scan# 4003

Delta R.T. 0.05 min

Lab File: BG018234.D

Acq: 2 Aug 2015 19:55



Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.1	15.1	22.7
277	29.8	19.8	29.6#

