

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080215\
 Data File : BG018238.D
 Acq On : 2 Aug 2015 22:15
 Operator : TP
 Sample : G3073-17RE
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02G2RE

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:20:41 PM

Quant Time: Aug 03 08:04:12 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	87480	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	363069	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.16	164	231920	20.00	ng/ul	0.02
62) Phenanthrene-d10	16.92	188	420480m	20.00	ng/ul	0.01
78) Chrysene-d12	21.13	240	293266m	20.00	ng/ul	0.01
86) Perylene-d12	23.32	264	267238	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.96	96	1740	1.50	ng/uL	0.00
5) Phenol-d5	6.68	99	57923	7.36	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.83	67	30873	7.68	ng/ul	0.01
9) 2-Chlorophenol-d4	7.02	132	50329	8.47	ng/ul	0.01
13) 4-Methylphenol-d8	8.22	113	44720	6.98	ng/ul	0.02
19) Nitrobenzene-d5	8.64	128	25858	9.04	ng/ul	0.01
22) 2-Nitrophenol-d4	9.36	143	24353	7.42	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.90	165	53380	9.20	ng/ul	0.02
29) 4-Chloroaniline-d4	10.42	131	38046	5.26	ng/ul	0.01
44) Dimethylphthalate-d6	13.58	166	170546	9.52	ng/ul	0.01
47) Acenaphthylene-d8	13.85	160	185368	8.92	ng/ul	0.01
52) 4-Nitrophenol-d4	14.42	143	10078	3.04	ng/ul	0.02
58) Fluorene-d10	15.16	176	134225	8.28	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.24	200	145	0.05	ng/ul	-0.05
71) Anthracene-d10	17.01	188	160872	8.80	ng/ul	0.01
79) Pyrene-d10	19.33	212	116210m	8.19	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.18	264	102724	7.60	ng/ul	0.03

Target Compounds

						Qvalue
45) Dimethylphthalate	13.62	163	79135	4.44	ng/ul	99
70) Phenanthrene	16.96	178	169737m	7.95	ng/ul	
72) Anthracene	17.05	178	25930	1.22	ng/ul	94
76) Di-n-butylphthalate	17.90	149	51739m	2.20	ng/ul	
77) Fluoranthene	18.99	202	204821m	8.73	ng/ul	
80) Pyrene	19.36	202	187142m	10.52	ng/ul	
83) Benzo(a)anthracene	21.11	228	79541	5.04	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.05	149	19642	2.01	ng/ul	98
85) Chrysene	21.16	228	92741m	6.41	ng/ul	
88) Benzo(b)fluoranthene	22.67	252	109877	6.84	ng/ul	93
89) Benzo(k)fluoranthene	22.70	252	59700m	4.05	ng/ul	
91) Benzo(a)pyrene	23.22	252	70118	4.88	ng/ul#	87
92) Indeno(1,2,3-cd)pyrene	25.52	276	38227	2.30	ng/ul	93
94) Benzo(g,h,i)perylene	26.20	276	33905	2.50	ng/ul	98

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

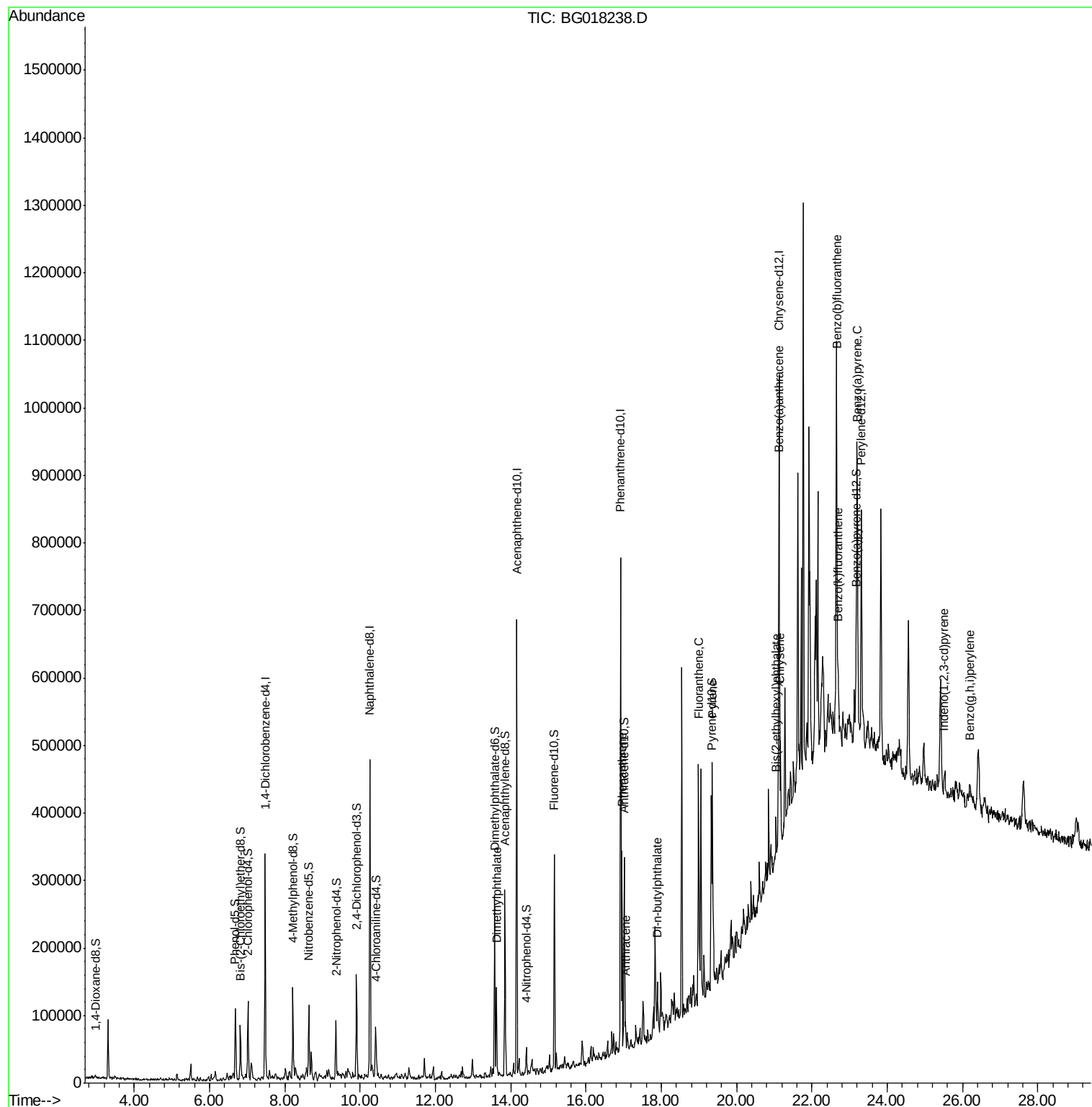
Data Path : Z:\HPCHEM1\BNA_G\Data\BG080215\
Data File : BG018238.D
Acq On : 2 Aug 2015 22:15
Operator : TP
Sample : G3073-17RE
Misc :
ALS Vial : 37 Sample Multiplier: 1

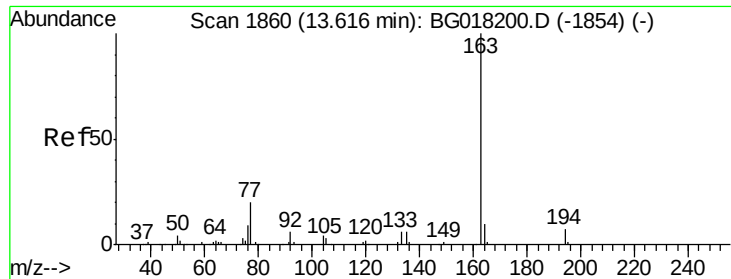
Instrument :
BNA_G
ClientSampleId :
C02G2RE

Manual Integrations
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8/4/2015 12:20:41 PM

Quant Time: Aug 03 08:04:12 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





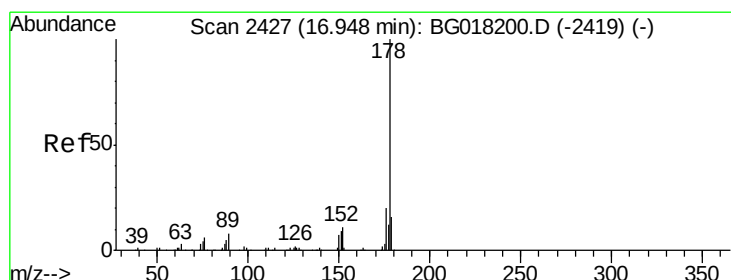
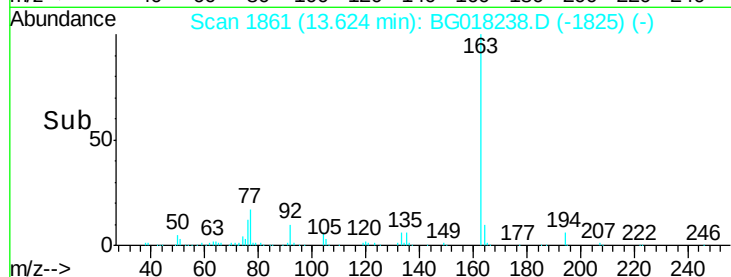
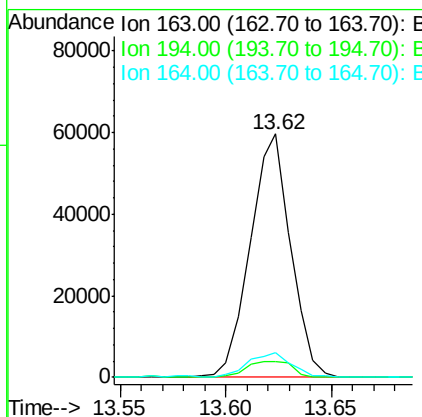
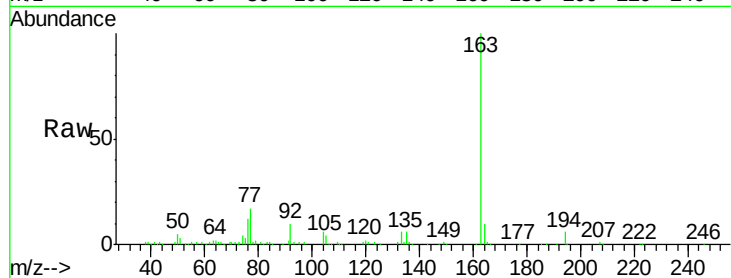
#45
Dimethylphthalate
Concen: 4.44 ng/ul
RT: 13.62 min Scan# 1861
Delta R.T. 0.01 min
Lab File: BG018238.D
Acq: 2 Aug 2015 22:15

Instrument :
BNA_G
ClientSampleId :
C02G2RE

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	79135		
194	6.4	5.2	7.8	
164	10.0	8.4	12.6	

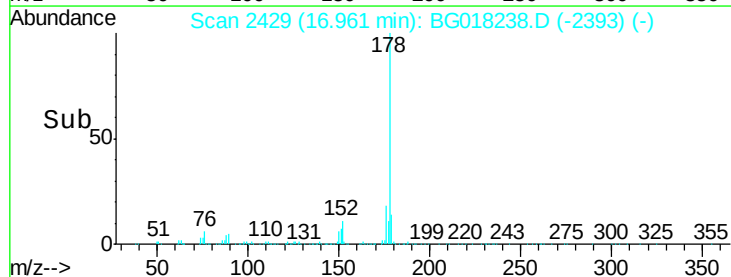
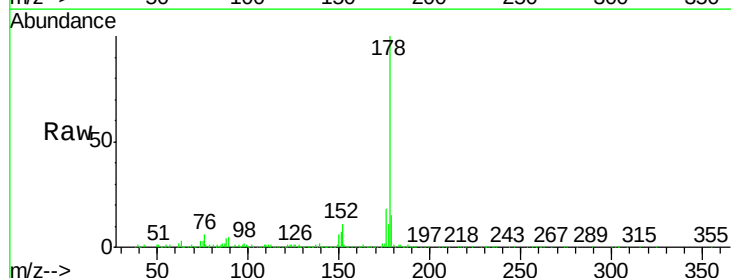
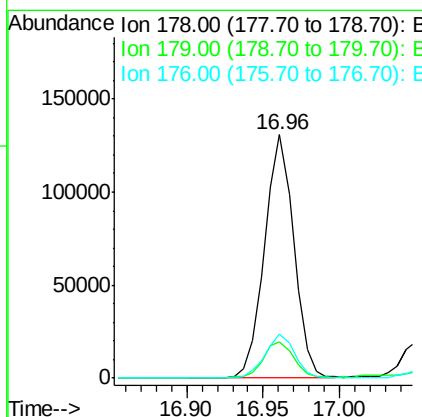
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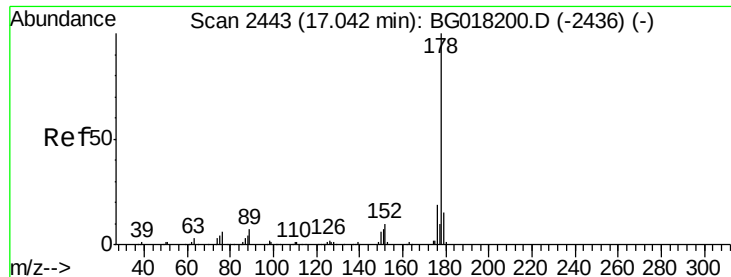
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#70
Phenanthrene
Concen: 7.95 ng/ul m
RT: 16.96 min Scan# 2429
Delta R.T. 0.01 min
Lab File: BG018238.D
Acq: 2 Aug 2015 22:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	169737		
179	14.8	12.8	19.2	
176	18.2	16.0	24.0	





#72

Anthracene

Concen: 1.22 ng/ul

RT: 17.05 min Scan# 2444

Delta R.T. 0.01 min

Lab File: BG018238.D

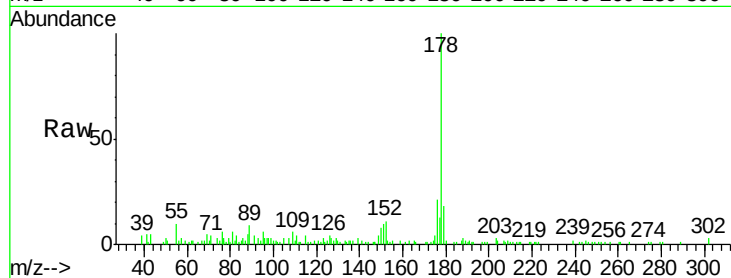
Acq: 2 Aug 2015 22:15

Instrument :

BNA_G

ClientSampleId :

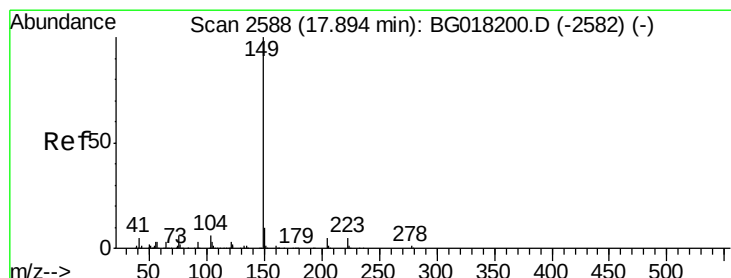
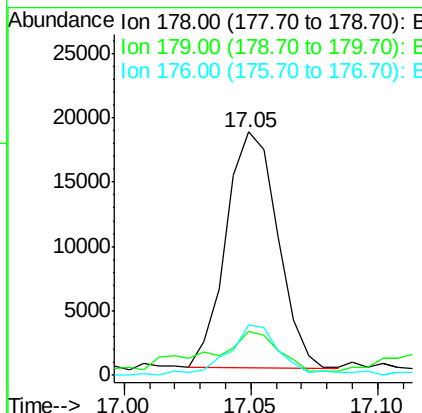
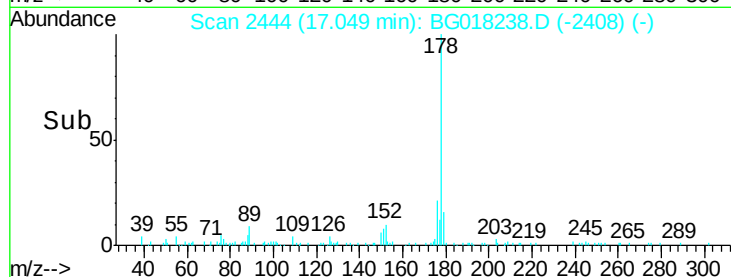
C02G2RE



Tgt Ion:	178	Resp:	25930
Ion Ratio	Lower	Upper	
178	100		
179	18.0	12.2	18.2
176	20.6	14.8	22.2

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#76

Di-n-butylphthalate

Concen: 2.20 ng/ul m

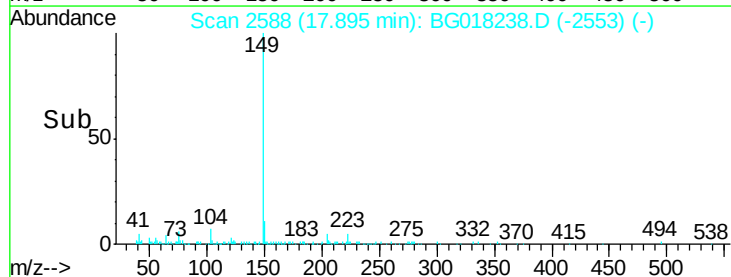
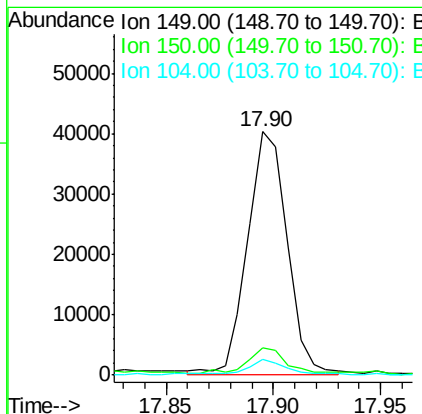
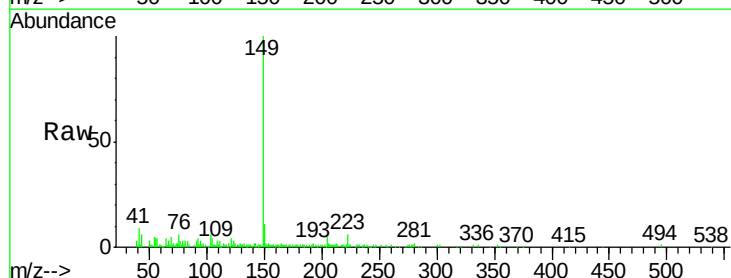
RT: 17.90 min Scan# 2588

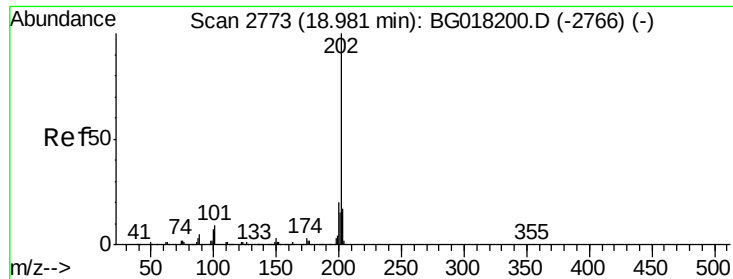
Delta R.T. 0.00 min

Lab File: BG018238.D

Acq: 2 Aug 2015 22:15

Tgt Ion:	149	Resp:	51739
Ion Ratio	Lower	Upper	
149	100		
150	11.0	7.7	11.5
104	6.4	3.6	5.4#





#77

Fluoranthene

Concen: 8.73 ng/ul m

RT: 18.99 min Scan# 2775

Delta R.T. 0.02 min

Lab File: BG018238.D

Acq: 2 Aug 2015 22:15

Instrument :

BNA_G

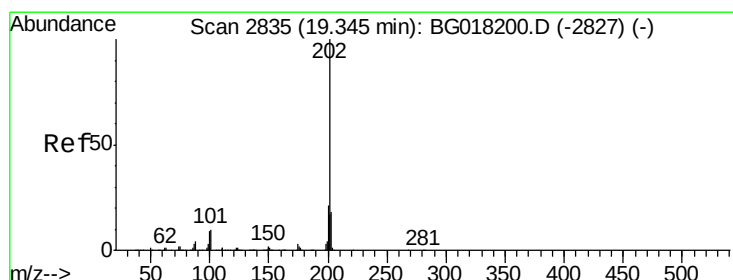
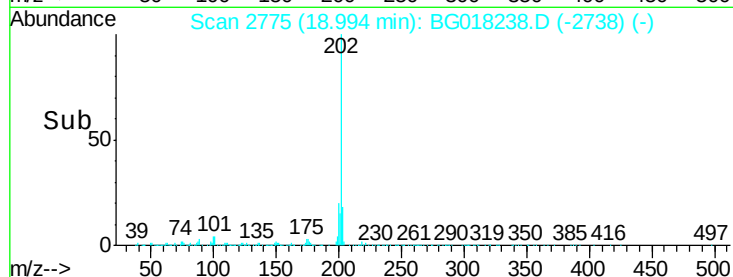
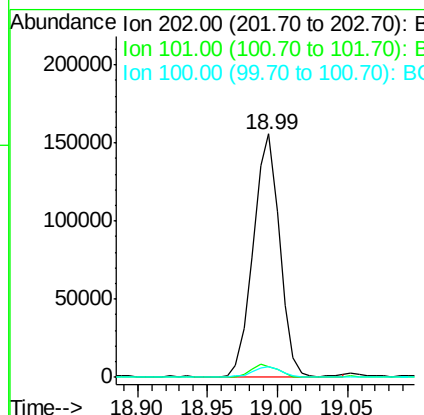
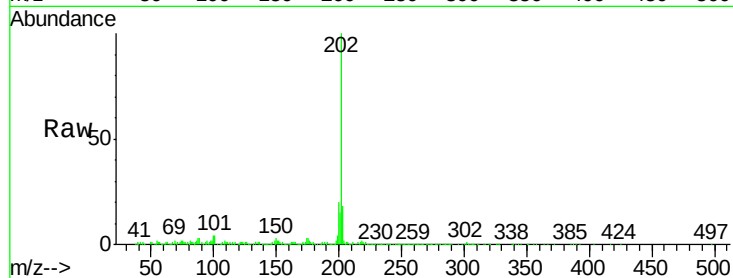
ClientSampleId :

C02G2RE

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100				
101	4.4		7.5	11.3#	
100	4.3		5.5	8.3#	

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#80

Pyrene

Concen: 10.52 ng/ul m

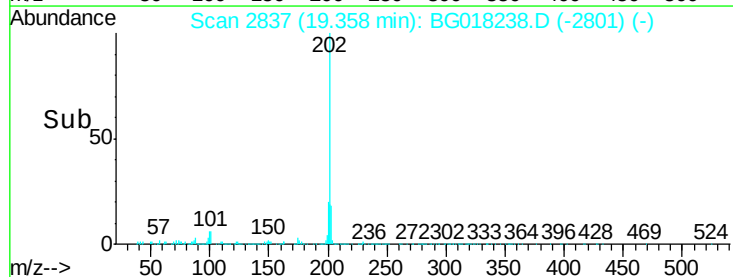
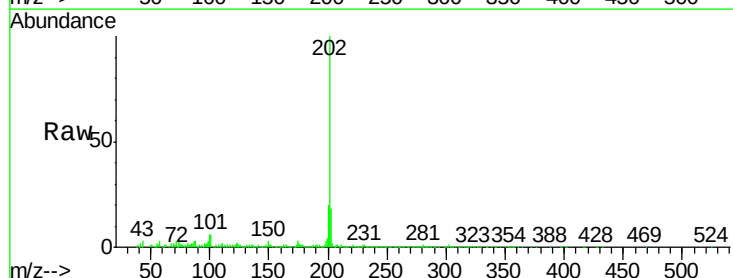
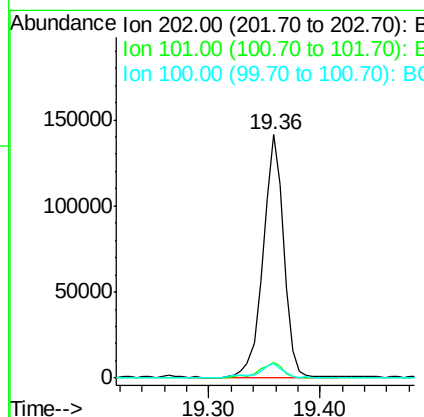
RT: 19.36 min Scan# 2837

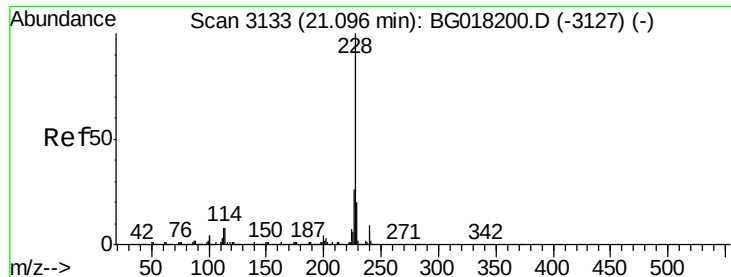
Delta R.T. 0.01 min

Lab File: BG018238.D

Acq: 2 Aug 2015 22:15

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100				
101	6.5		8.1	12.1#	
100	5.8		7.4	11.0#	





#83

Benzo(a)anthracene

Concen: 5.04 ng/ul

RT: 21.11 min Scan# 3136

Delta R.T. 0.02 min

Lab File: BG018238.D

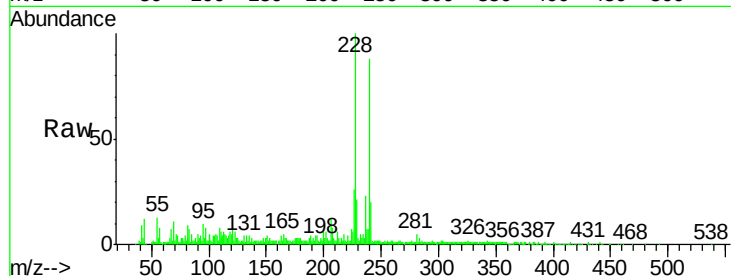
Acq: 2 Aug 2015 22:15

Instrument :

BNA_G

ClientSampleId :

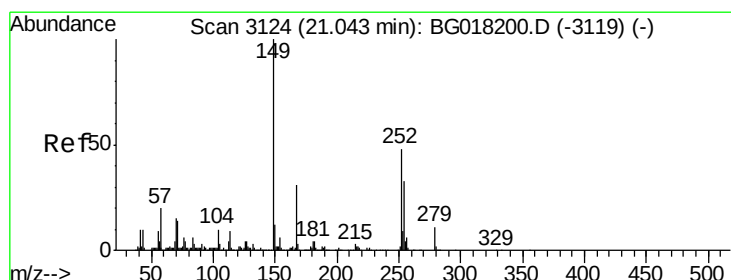
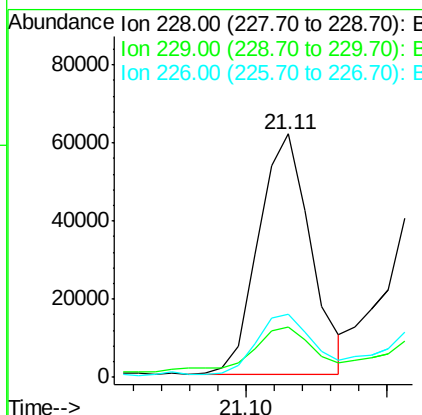
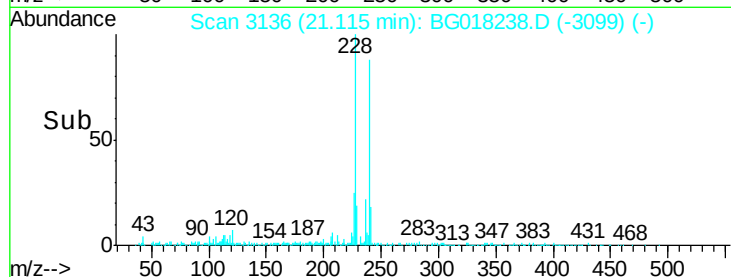
C02G2RE



Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.5	24.7
226	26.1	21.5	32.3

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#84

Bis(2-ethylhexyl)phthalate

Concen: 2.01 ng/ul

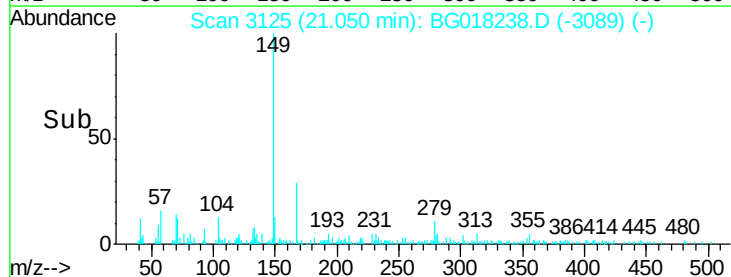
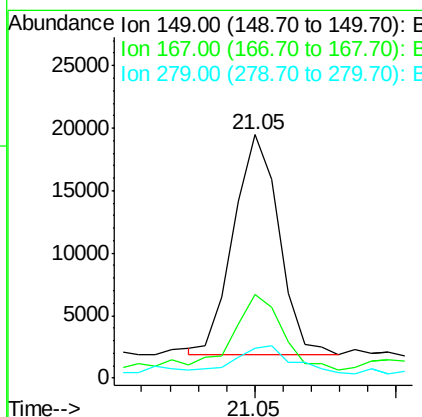
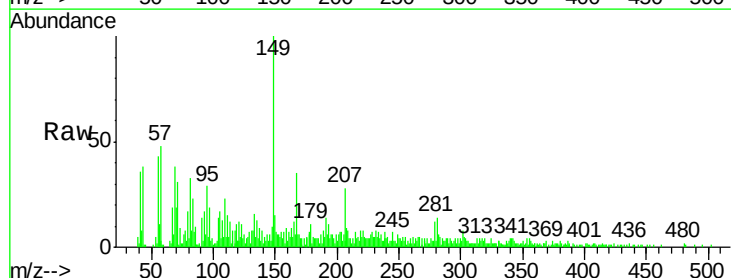
RT: 21.05 min Scan# 3125

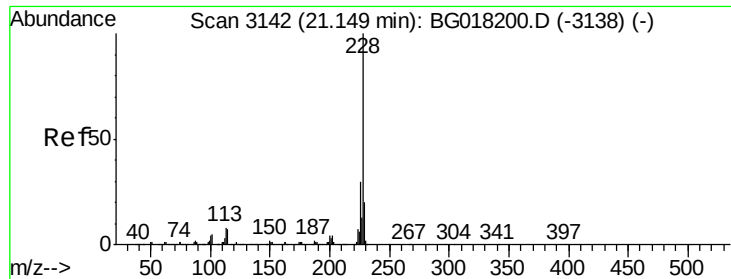
Delta R.T. 0.01 min

Lab File: BG018238.D

Acq: 2 Aug 2015 22:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	34.6	27.4	41.2
279	12.3	8.3	12.5





#85

Chrysene

Concen: 6.41 ng/ul m

RT: 21.16 min Scan# 3144

Delta R.T. 0.01 min

Lab File: BG018238.D

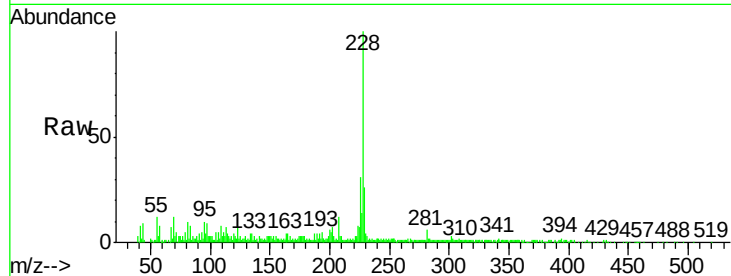
Acq: 2 Aug 2015 22:15

Instrument :

BNA_G

ClientSampleId :

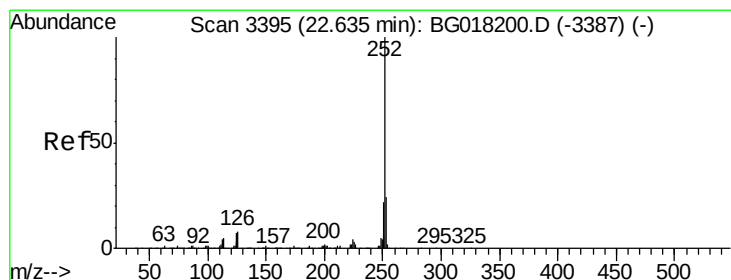
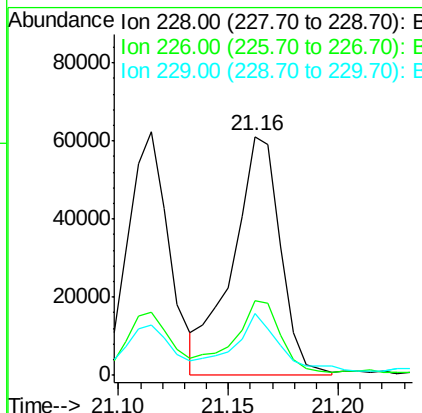
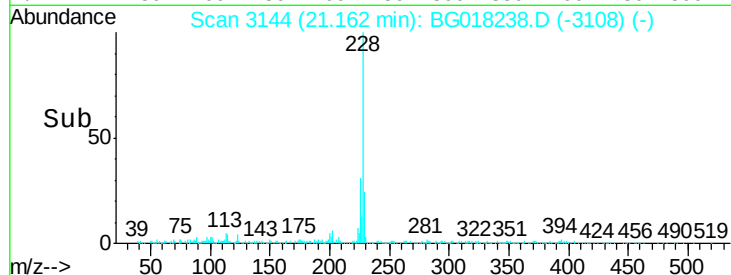
C02G2RE



Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.7	34.1
229	26.2	16.2	24.2#

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#88

Benzo(b)fluoranthene

Concen: 6.84 ng/ul

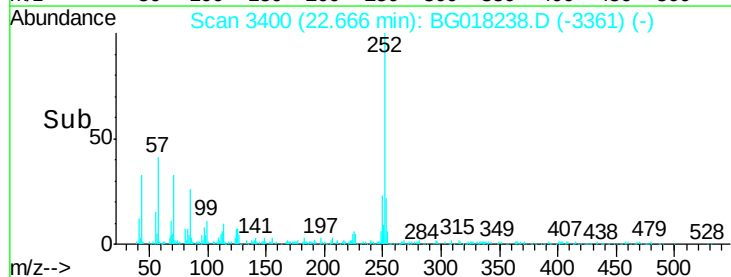
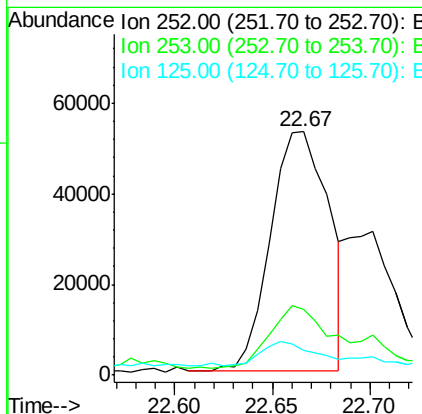
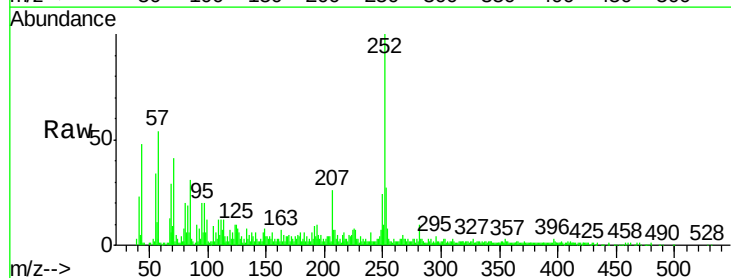
RT: 22.67 min Scan# 3400

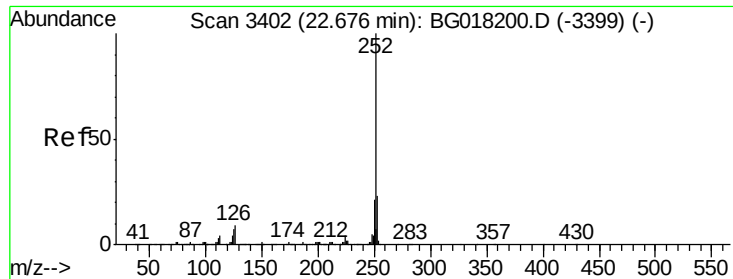
Delta R.T. 0.03 min

Lab File: BG018238.D

Acq: 2 Aug 2015 22:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.5	27.7
125	10.4	7.4	11.0





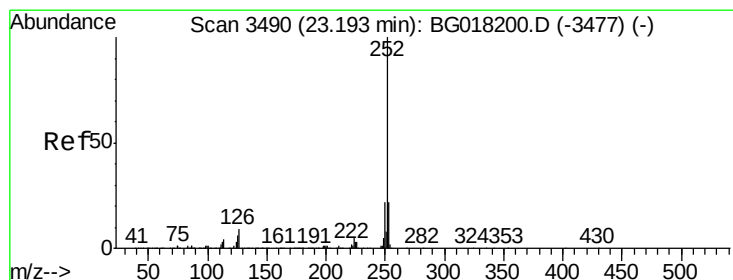
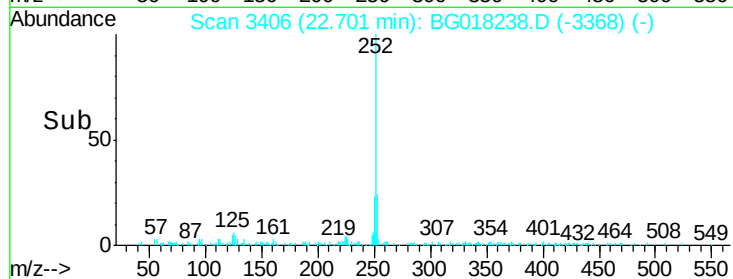
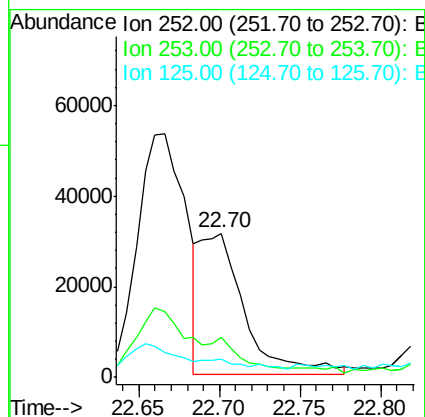
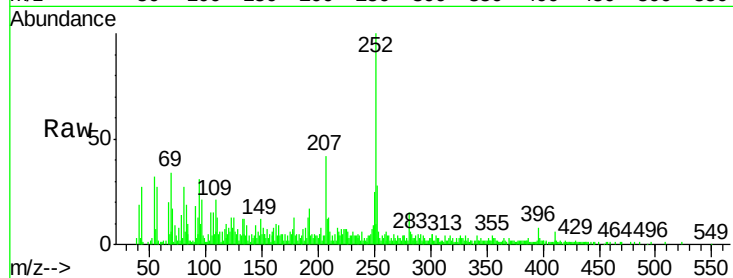
#89
Benzo(k)fluoranthene
Concen: 4.05 ng/ul m
RT: 22.70 min Scan# 3406
Delta R.T. 0.02 min
Lab File: BG018238.D
Acq: 2 Aug 2015 22:15

Instrument :
BNA_G
ClientSampleId :
C02G2RE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	18.2	27.2#
125	12.7	7.5	11.3#

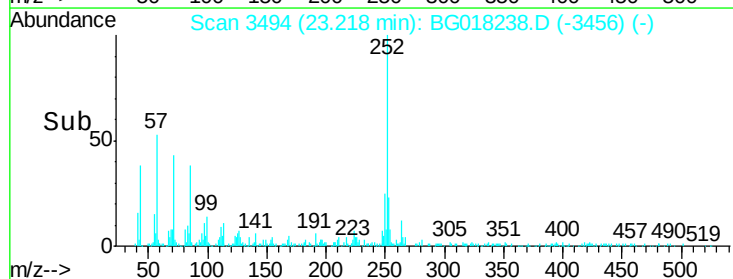
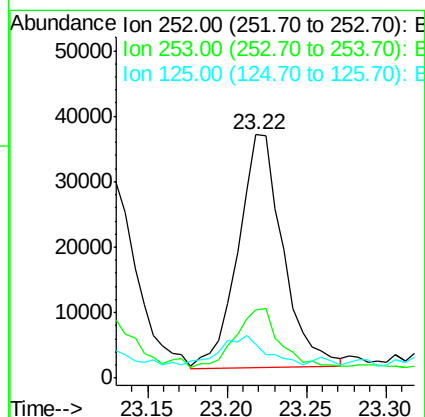
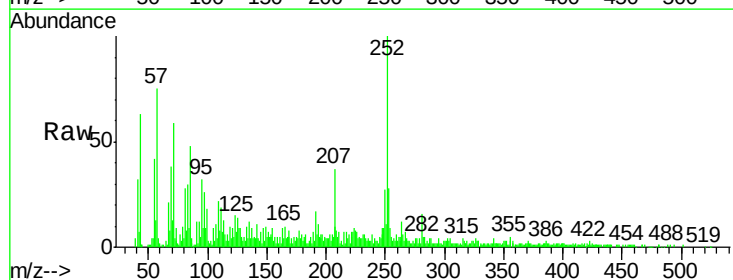
Manual Integrations
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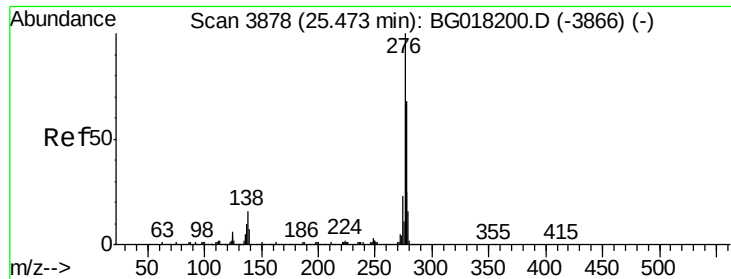
MMDadoda
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#91
Benzo(a)pyrene
Concen: 4.88 ng/ul
RT: 23.22 min Scan# 3494
Delta R.T. 0.02 min
Lab File: BG018238.D
Acq: 2 Aug 2015 22:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.4	26.2#
125	13.9	7.3	10.9#





#92

Indeno(1,2,3-cd)pyrene

Concen: 2.30 ng/ul

RT: 25.52 min Scan# 3885

Delta R.T. 0.03 min

Lab File: BG018238.D

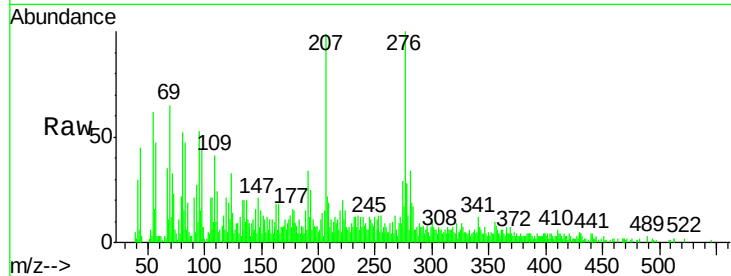
Acq: 2 Aug 2015 22:15

Instrument :

BNA_G

ClientSampleId :

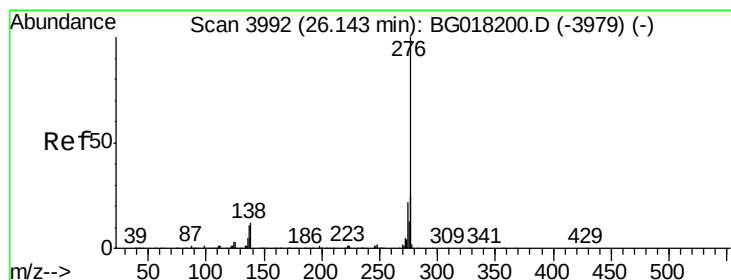
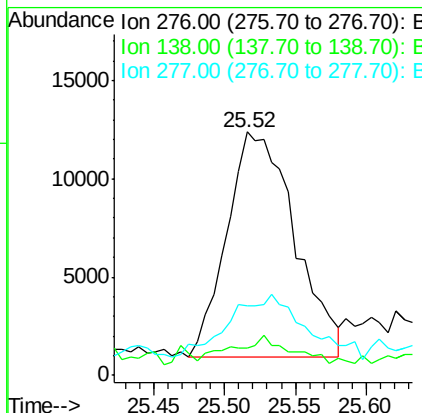
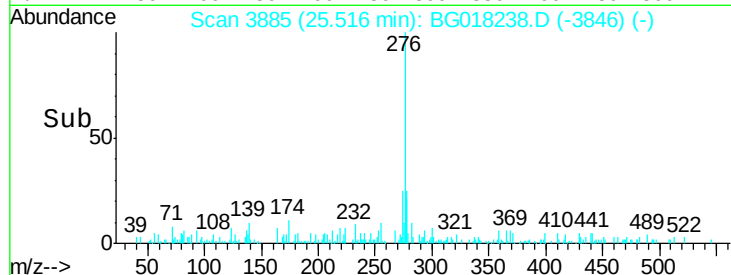
C02G2RE



Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.7	17.2	25.8
277	28.4	19.5	29.3

Manual Integrations
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#94

Benzo(g,h,i)perylene

Concen: 2.50 ng/ul

RT: 26.20 min Scan# 4001

Delta R.T. 0.05 min

Lab File: BG018238.D

Acq: 2 Aug 2015 22:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.3	15.1	22.7
277	26.0	19.8	29.6

