

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
 Data File : BG018083.D
 Acq On : 24 Jul 2015 2:08
 Operator : TP/UM
 Sample : G3035-17
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01K5

Manual Integrations
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Quant Time: Jul 24 03:09:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 24 01:33:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	52829	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	252651	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	164648	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	340394	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	346110	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	350592	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	2489	2.94	ng/uL	0.00
5) Phenol-d5	6.70	99	66083	16.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	34947	17.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	62433	17.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	49839	13.79	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	33844	16.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	37658	17.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	60326	16.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.44	131	77819	18.22	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	197996	17.13	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	221476	15.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	27279	11.22	ng/ul	0.00
58) Fluorene-d10	15.18	176	153261	14.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	13927	6.40	ng/ul	0.00
71) Anthracene-d10	17.03	188	196092	13.30	ng/ul	0.00
79) Pyrene-d10	19.34	212	193739	12.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.18	264	158505	9.47	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.33	105	12148	2.38	ng/ul	92
45) Dimethylphthalate	13.65	163	76676	6.59	ng/ul	97
50) Acenaphthene	14.25	153	10278	1.05	ng/ul	93
59) Fluorene	15.24	166	12388	1.04	ng/ul	99
70) Phenanthrene	16.98	178	136515	7.98	ng/ul	97
72) Anthracene	17.07	178	30642	1.76	ng/ul	98
77) Fluoranthene	19.00	202	196865	10.81	ng/ul	99
80) Pyrene	19.37	202	177448	8.95	ng/ul	98
81) Butylbenzylphthalate	20.29	149	13535m	1.67	ng/ul	
83) Benzo(a)anthracene	21.13	228	98605	5.39	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.07	149	31197	2.68	ng/ul#	97
85) Chrysene	21.17	228	96281	5.59	ng/ul	97
88) Benzo(b)fluoranthene	22.67	252	127799	6.65	ng/ul	96
89) Benzo(k)fluoranthene	22.71	252	37075m	1.99	ng/ul	
91) Benzo(a)pyrene	23.23	252	91730	4.93	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.52	276	63242	2.95	ng/ul	93
93) Dibenzo(a,h)anthracene	25.53	278	19506m	1.06	ng/ul	
94) Benzo(g,h,i)perylene	26.20	276	56978	3.21	ng/ul	96

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

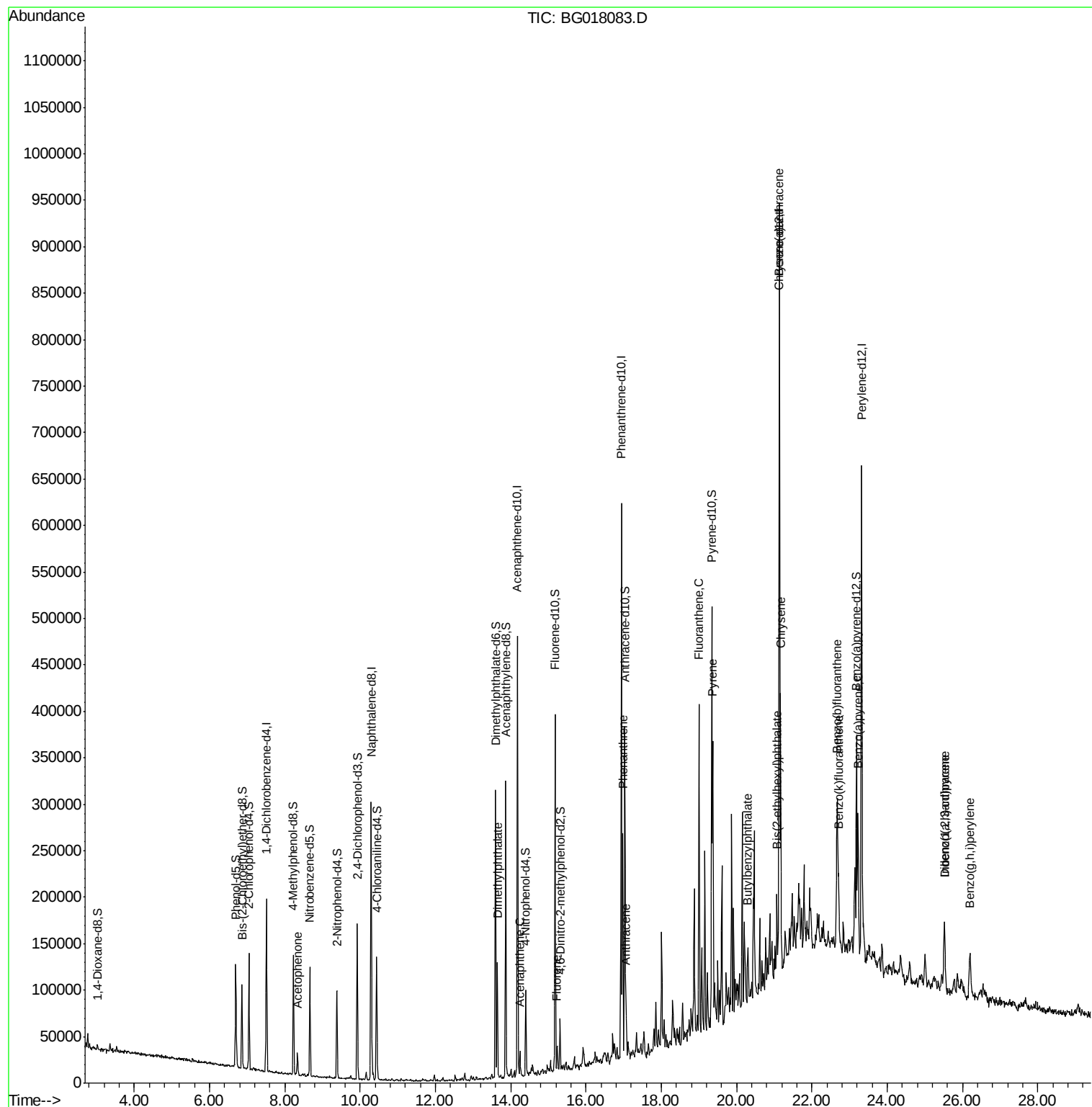
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018083.D
Acq On : 24 Jul 2015 2:08
Operator : TP/UM
Sample : G3035-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

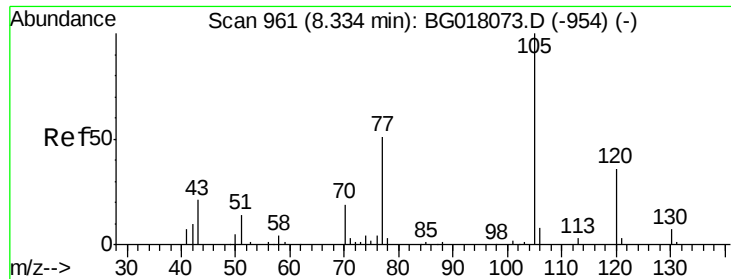
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
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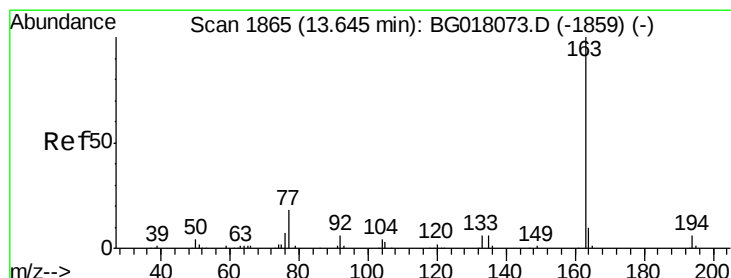
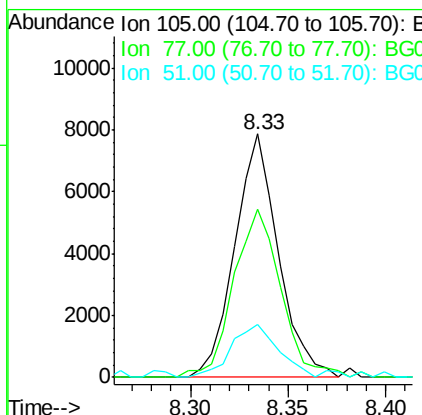
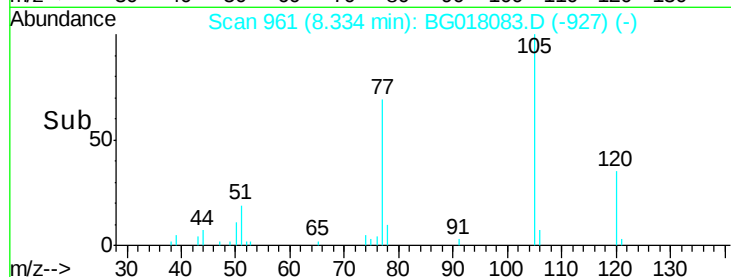
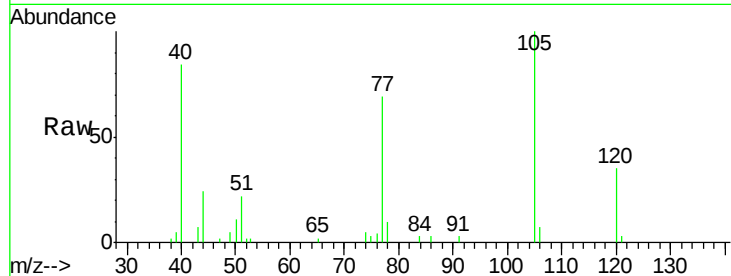
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 Acetophenone
 Concen: 2.38 ng/ul
 RT: 8.33 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BG018083.D
 Acq: 24 Jul 2015 2:08

Instrument :
 BNA_G
 ClientSampled :
 C01K5

Tgt Ion:	105	Resp:	12148
Ion Ratio	Lower	Upper	
105	100		
77	69.1	61.7	92.5
51	21.6	18.1	27.1

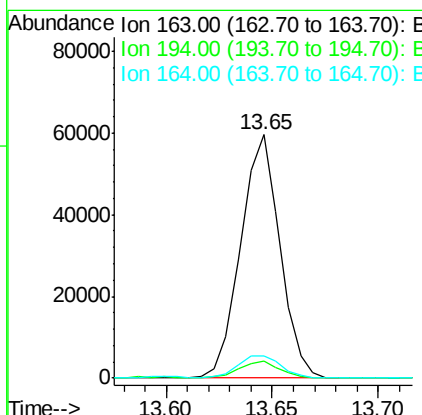
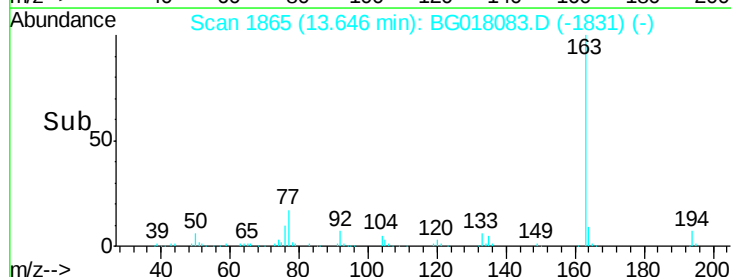
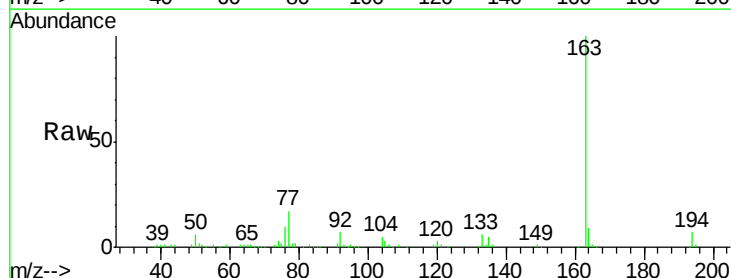
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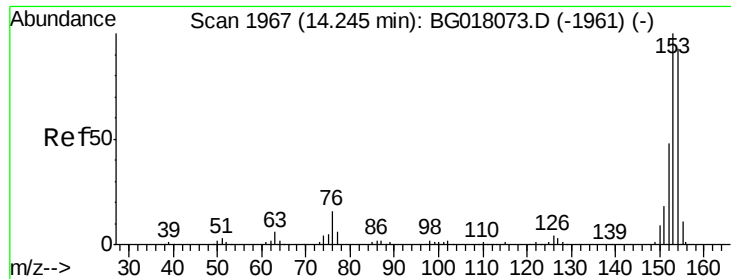
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#45
 Dimethylphthalate
 Concen: 6.59 ng/ul
 RT: 13.65 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: BG018083.D
 Acq: 24 Jul 2015 2:08

Tgt Ion:	163	Resp:	76676
Ion Ratio	Lower	Upper	
163	100		
194	6.9	5.4	8.2
164	9.3	8.7	13.1





#50

Acenaphthene

Concen: 1.05 ng/ul

RT: 14.25 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BG018083.D

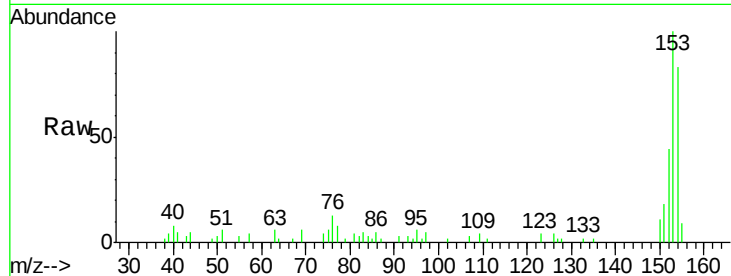
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Instrument :

BNA_G

ClientSampleId :

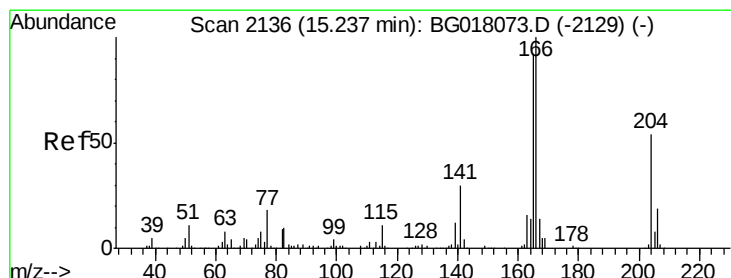
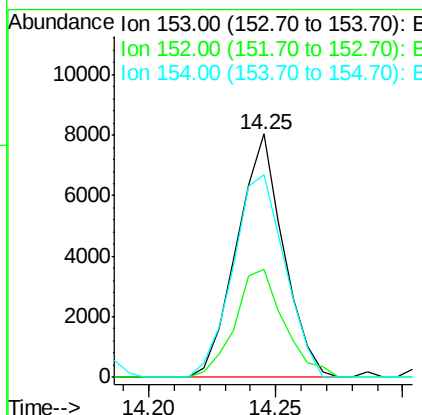
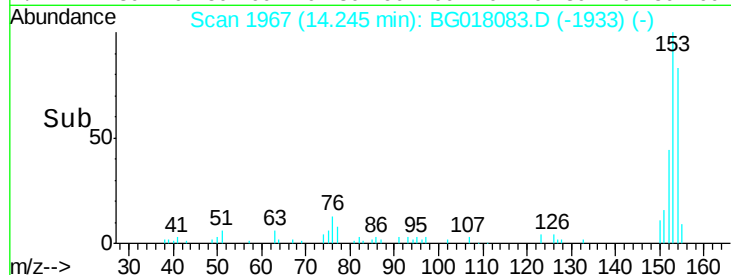
C01K5



Tgt Ion:	153	Resp:	10278
Ion Ratio	Lower	Upper	
153	100		
152	44.2	38.9	58.3
154	83.3	72.6	108.8

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#59

Fluorene

Concen: 1.04 ng/ul

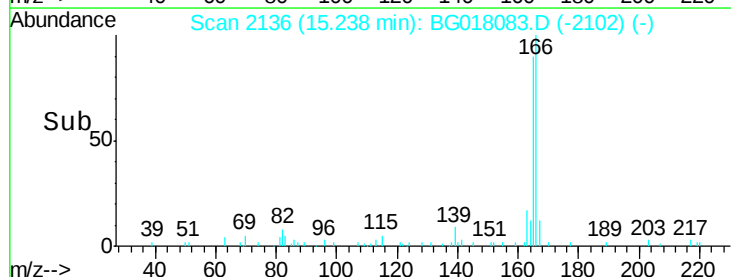
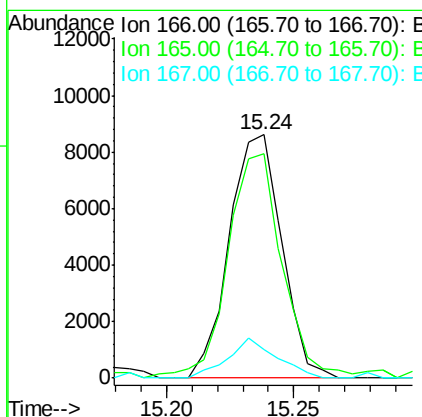
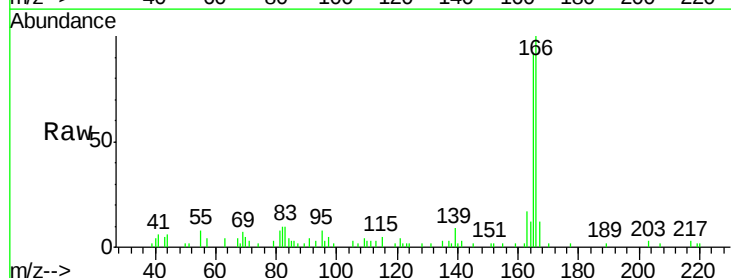
RT: 15.24 min Scan# 2136

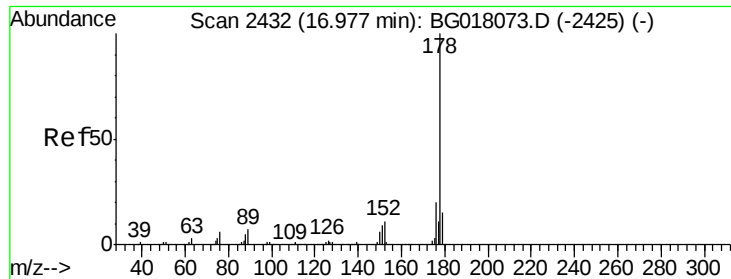
Delta R.T. 0.00 min

Lab File: BG018083.D

Acq: 24 Jul 2015 2:08

Tgt Ion:	166	Resp:	12388
Ion Ratio	Lower	Upper	
166	100		
165	91.9	73.6	110.4
167	12.0	10.8	16.2





#70

Phenanthrene

Concen: 7.98 ng/ul

RT: 16.98 min Scan# 2432

Delta R.T. 0.00 min

Lab File: BG018083.D

Acq: 24 Jul 2015 2:08

Instrument :

BNA_G

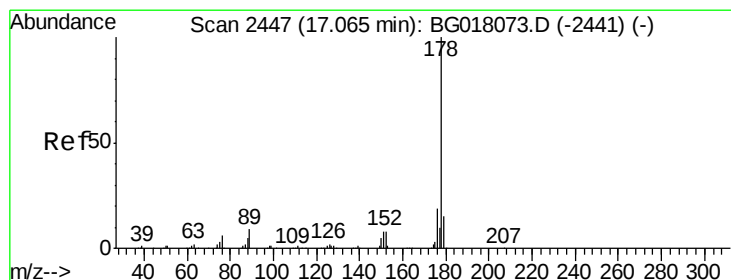
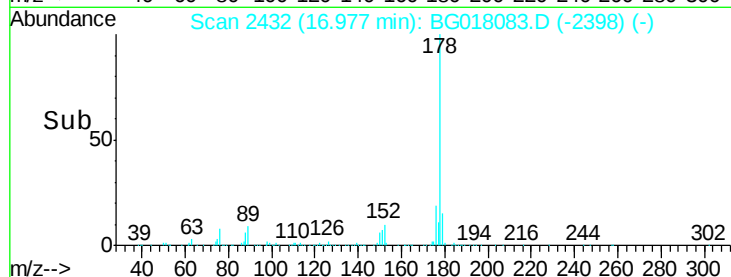
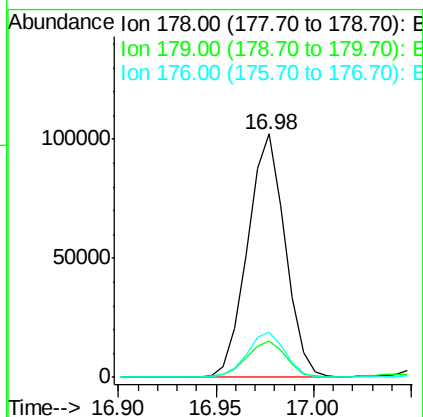
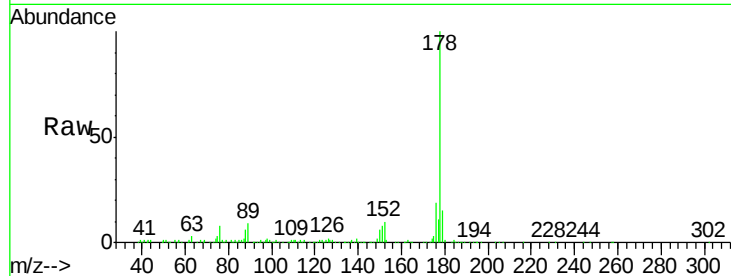
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
178	100	136515		
179	14.8	13.0	19.6	
176	18.8	15.8	23.8	

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#72

Anthracene

Concen: 1.76 ng/ul

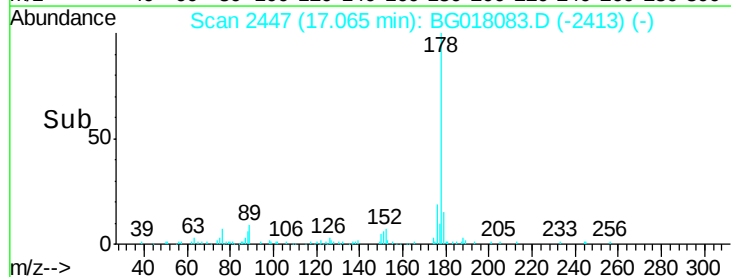
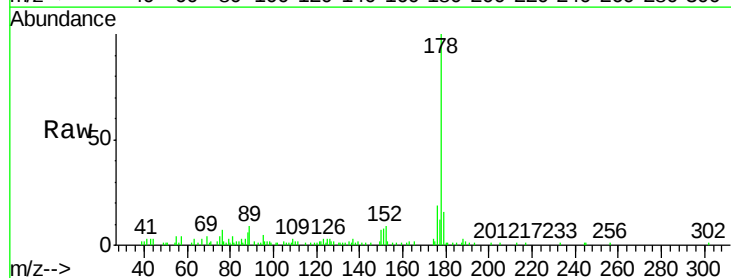
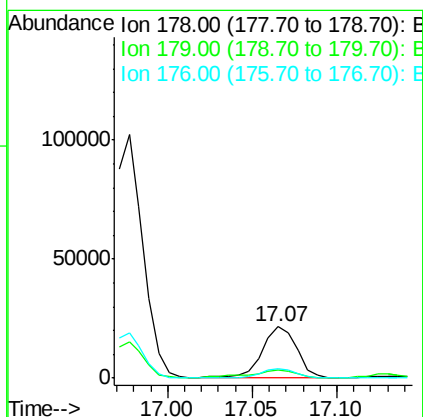
RT: 17.07 min Scan# 2447

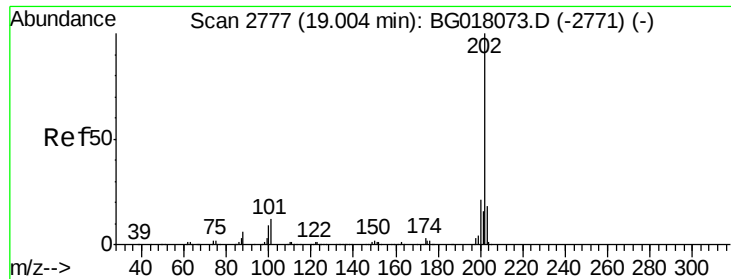
Delta R.T. 0.00 min

Lab File: BG018083.D

Acq: 24 Jul 2015 2:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	30642		
179	16.3	12.4	18.6	
176	18.6	15.8	23.8	





#77

Fluoranthene

Concen: 10.81 ng/ul

RT: 19.00 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG018083.D

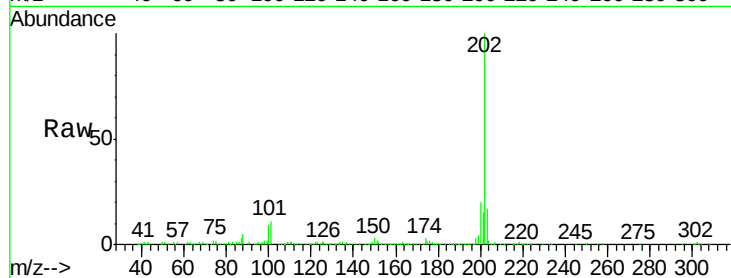
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Instrument :

BNA_G

ClientSampleId :

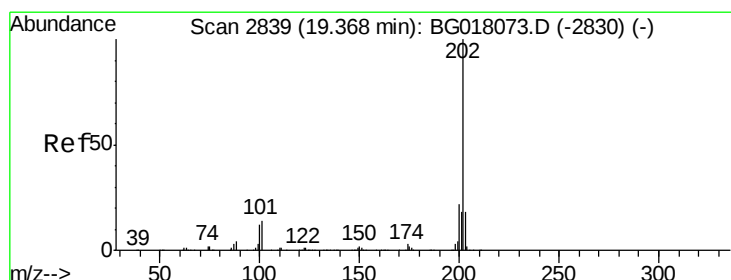
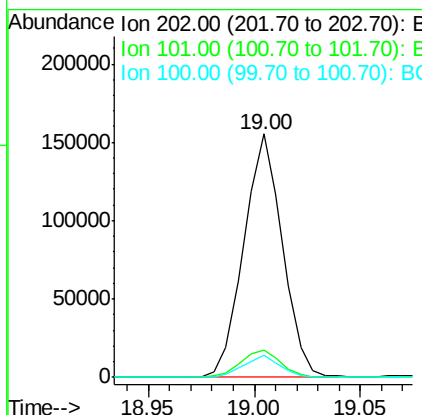
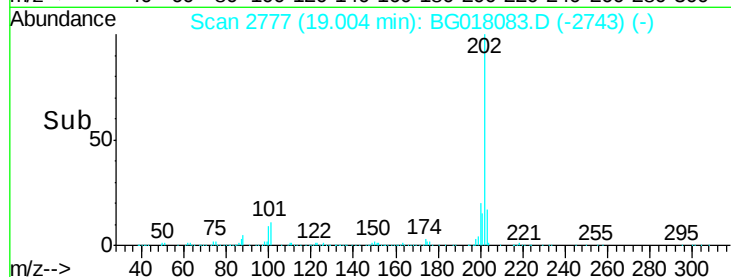
C01K5



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	196865		
101	11.4	9.1	13.7	
100	8.9	7.5	11.3	

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#80

Pyrene

Concen: 8.95 ng/ul

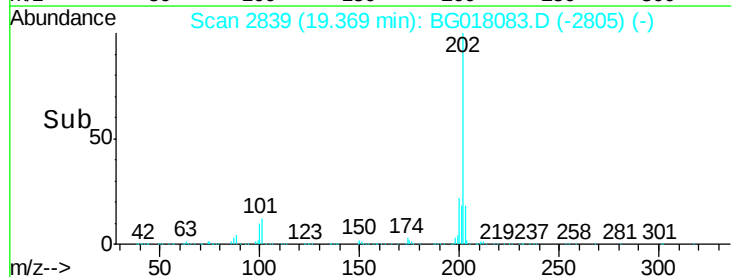
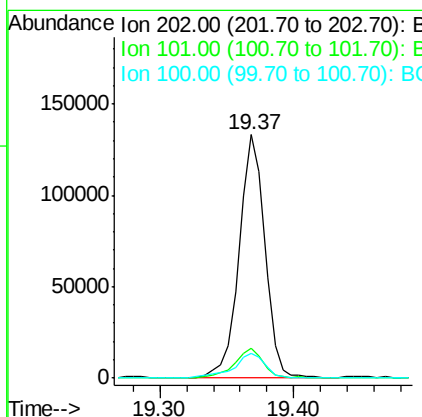
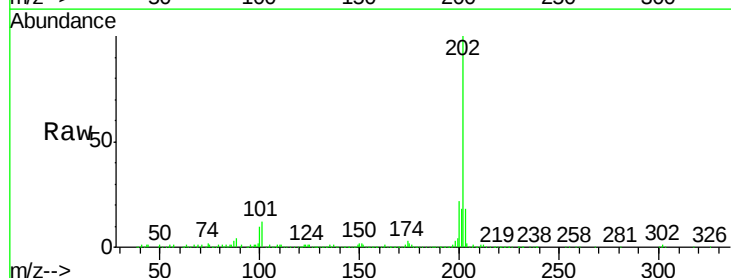
RT: 19.37 min Scan# 2839

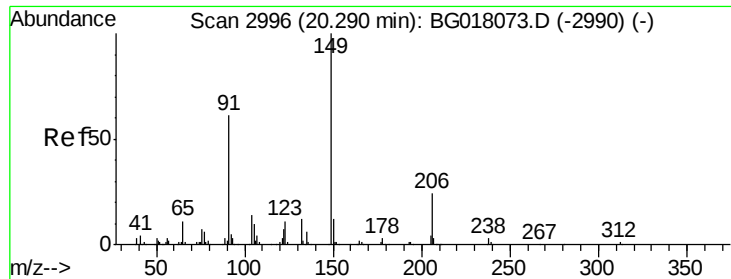
Delta R.T. 0.00 min

Lab File: BG018083.D

Acq: 24 Jul 2015 2:08

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	177448		
101	12.2	10.9	16.3	
100	10.4	8.5	12.7	





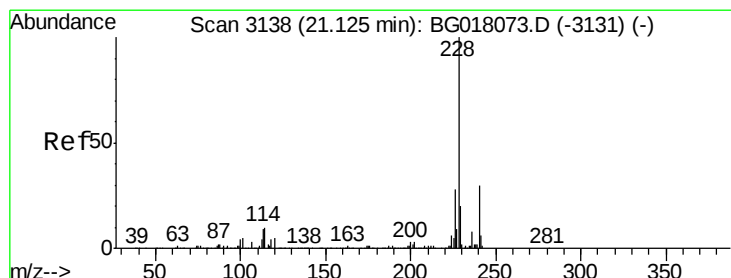
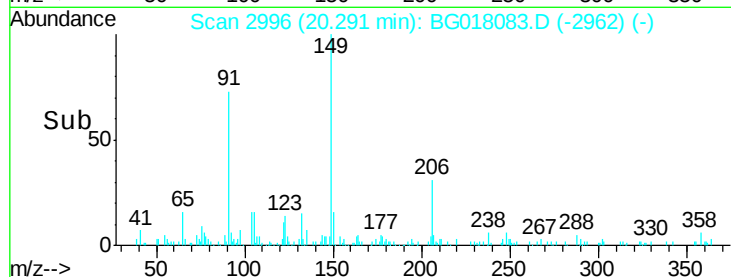
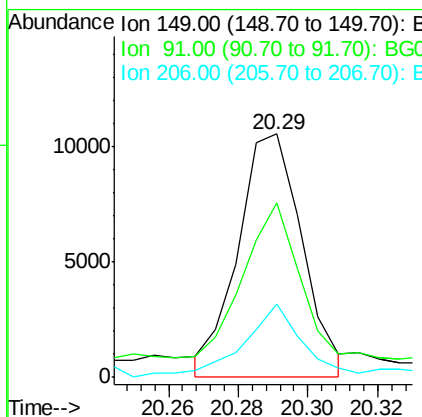
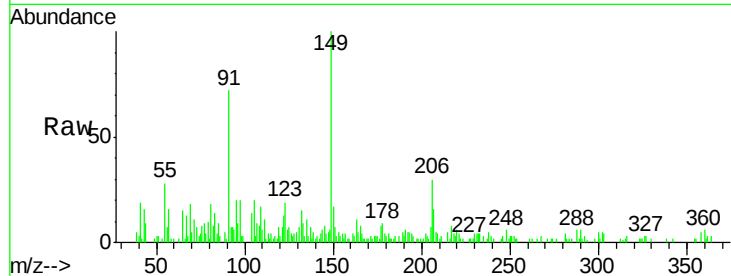
#81
Butylbenzylphthalate
Concen: 1.67 ng/ul m
RT: 20.29 min Scan# 2996
Delta R.T. 0.00 min
Lab File: BG018083.D
Acq: 24 Jul 2015 2:08

Instrument :
BNA_G
ClientSampled :
C01K5

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	71.7	51.1	76.7
206	29.9	19.9	29.9

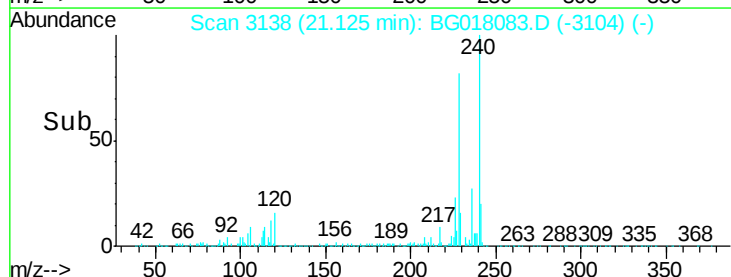
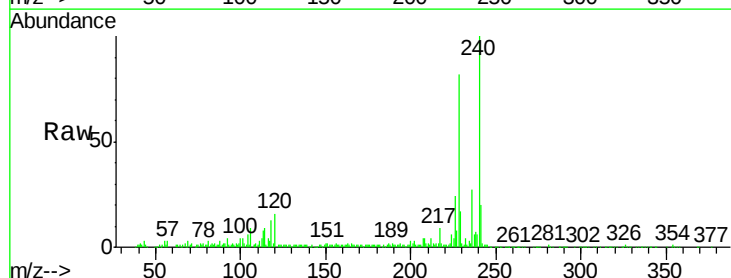
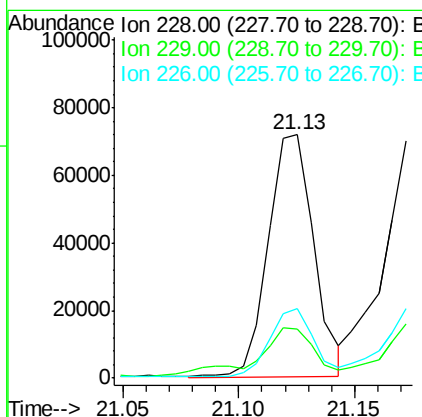
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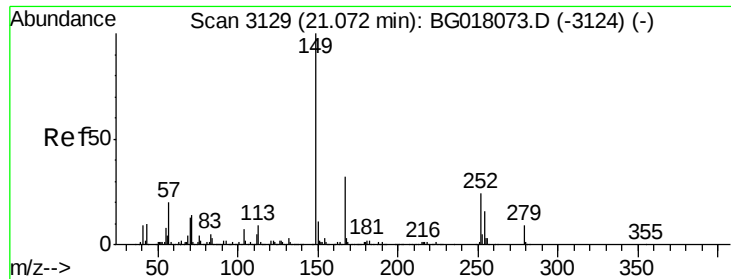
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#83
Benzo(a)anthracene
Concen: 5.39 ng/ul
RT: 21.13 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BG018083.D
Acq: 24 Jul 2015 2:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.3	16.6	24.8
226	28.7	21.1	31.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.68 ng/ul

RT: 21.07 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BG018083.D

Acq: 24 Jul 2015 2:08

Instrument :

BNA_G

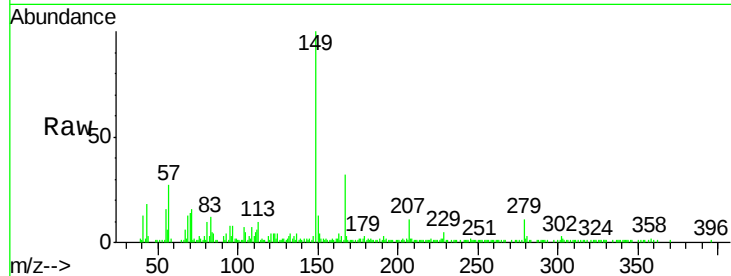
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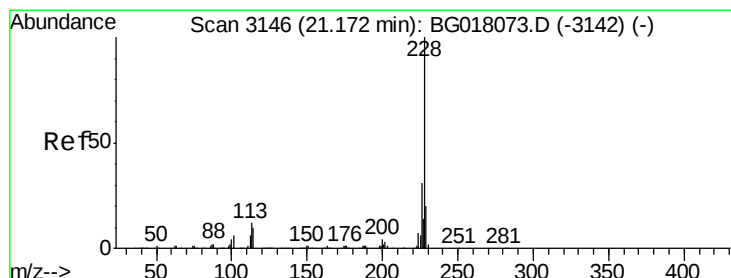
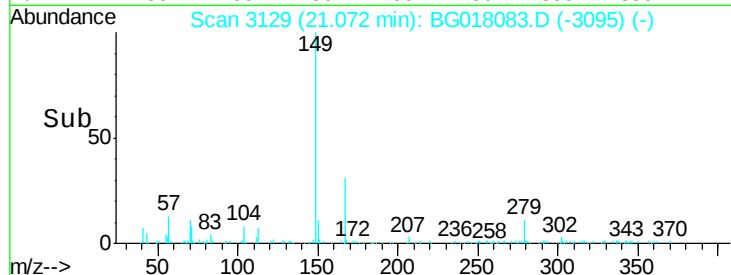
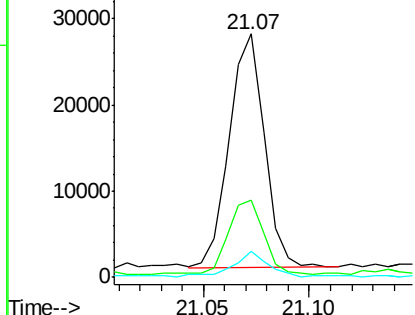
Tgt Ion:	149	Resp:	31197
Ion Ratio	Lower	Upper	
149	100		
167	31.8	26.2	39.4
279	10.9	7.2	10.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 5.59 ng/ul

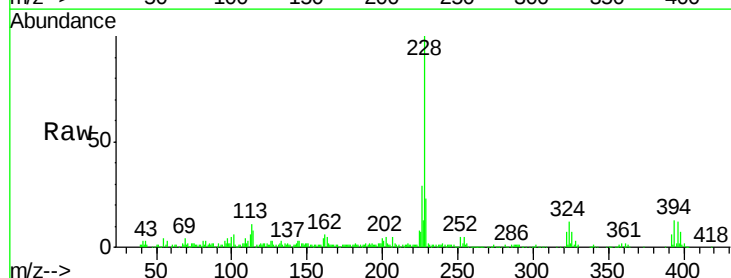
RT: 21.17 min Scan# 3146

Delta R.T. 0.00 min

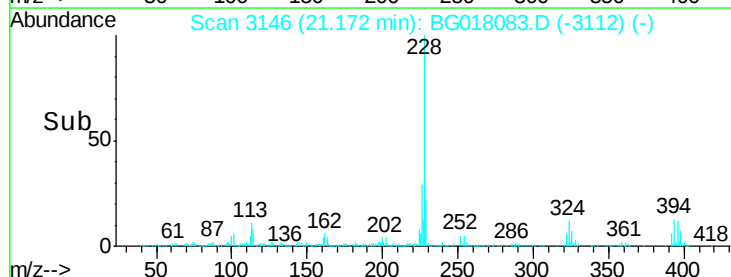
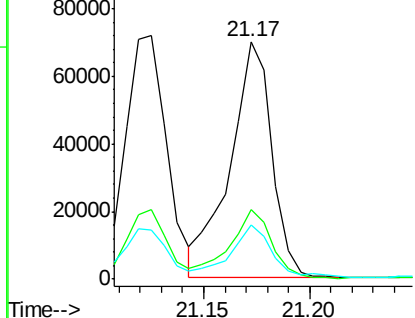
Lab File: BG018083.D

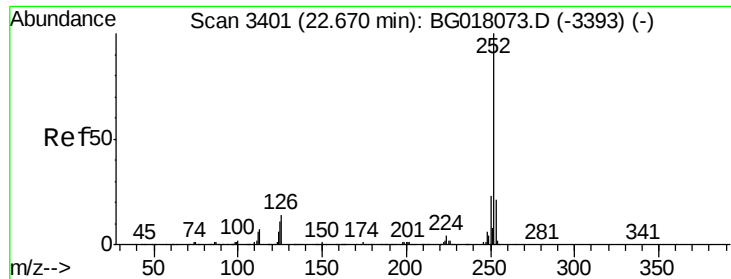
Acq: 24 Jul 2015 2:08

Tgt Ion:	228	Resp:	96281
Ion Ratio	Lower	Upper	
228	100		
226	29.2	22.9	34.3
229	22.6	15.6	23.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 6.65 ng/ul

RT: 22.67 min Scan# 3401

Delta R.T. 0.00 min

Lab File: BG018083.D

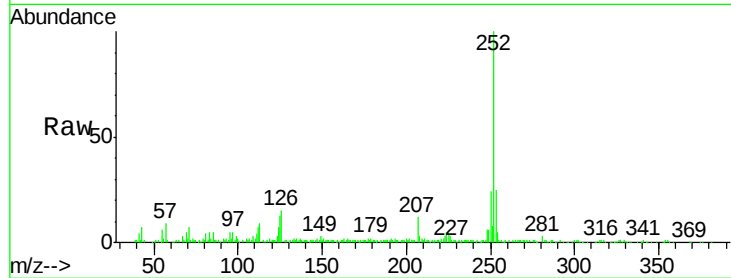
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Instrument :

BNA_G

ClientSampleId :

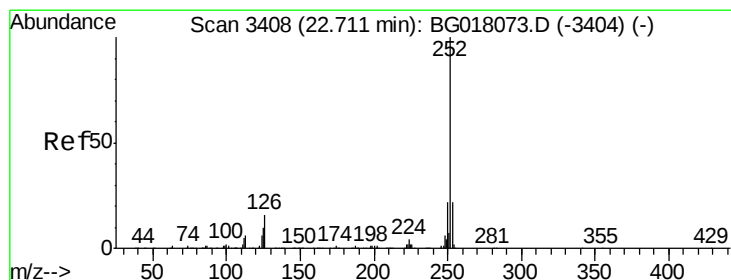
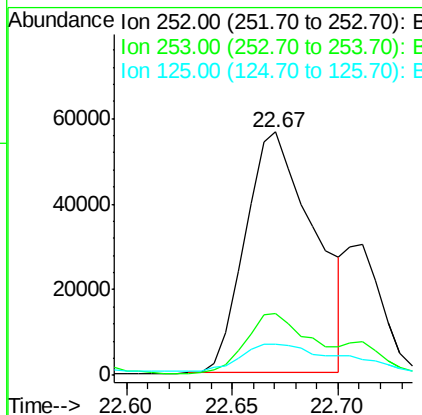
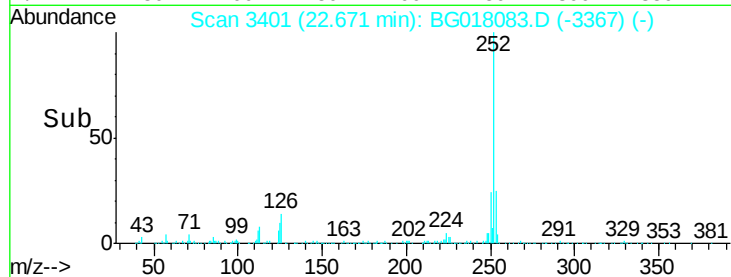
C01K5



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	127799		
253	25.2	18.5	27.7	
125	12.7	9.1	13.7	

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#89

Benzo(k)fluoranthene

Concen: 1.99 ng/ul m

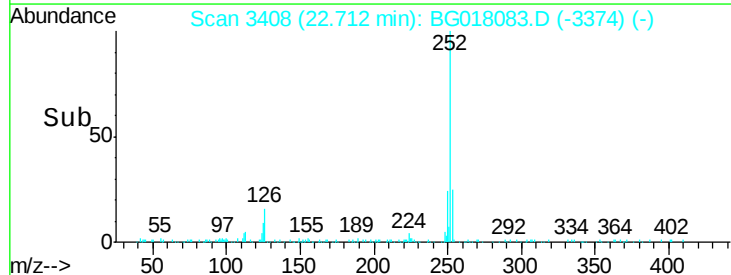
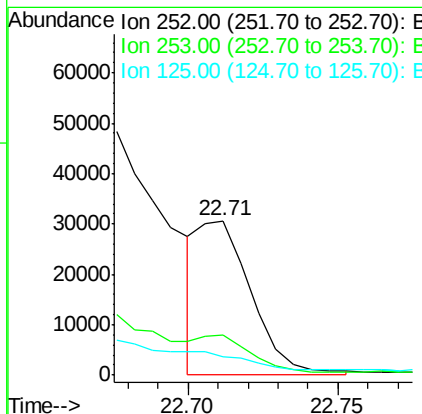
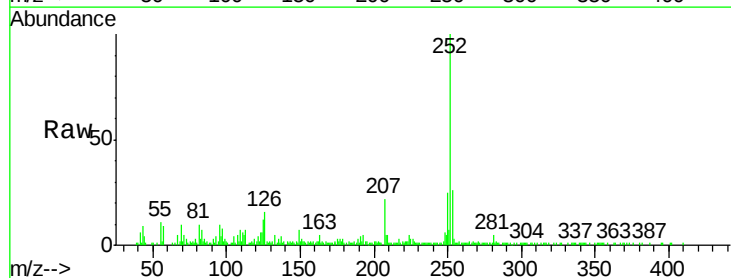
RT: 22.71 min Scan# 3408

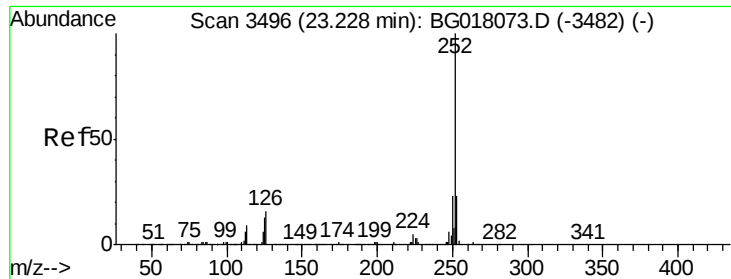
Delta R.T. 0.00 min

Lab File: BG018083.D

Acq: 24 Jul 2015 2:08

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	37075		
253	26.2	17.8	26.8	
125	12.2	9.3	13.9	





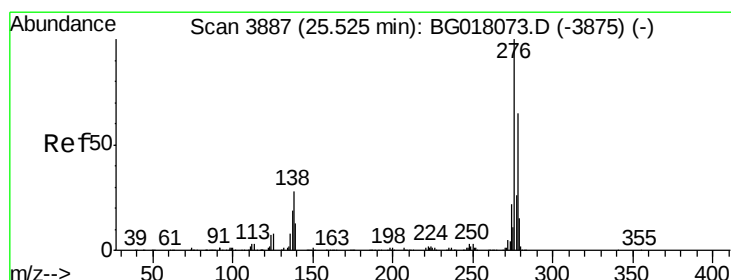
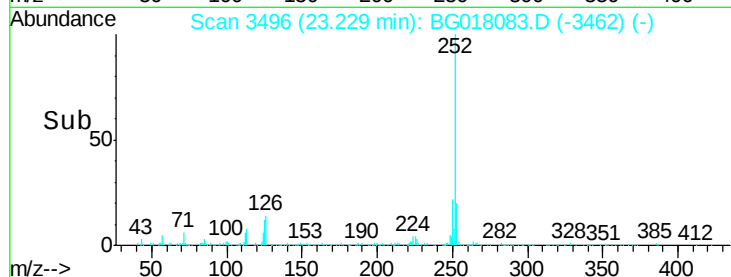
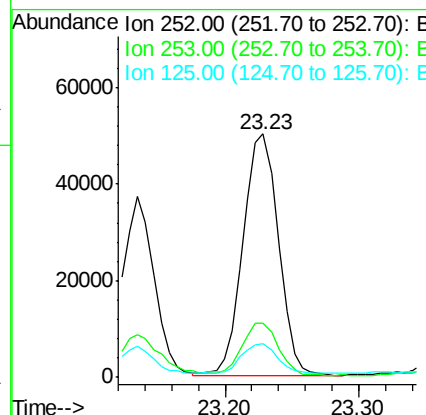
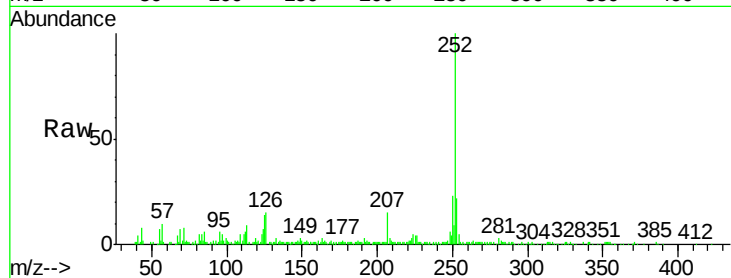
#91
Benzo(a)pyrene
Concen: 4.93 ng/ul
RT: 23.23 min Scan# 3496
Delta R.T. 0.00 min
Lab File: BG018083.D
Acq: 24 Jul 2015 2:08

Instrument :
BNA_G
ClientSampleId :
C01K5

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.4	18.0	27.0
125	14.0	10.2	15.2

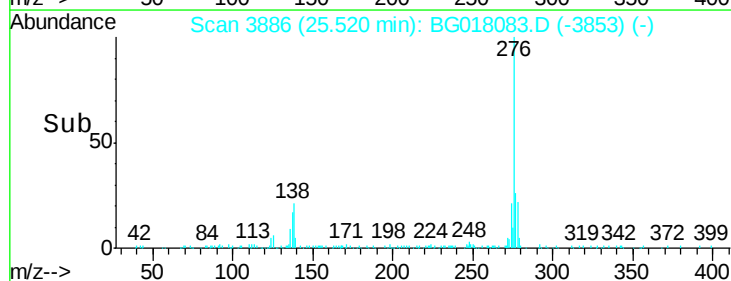
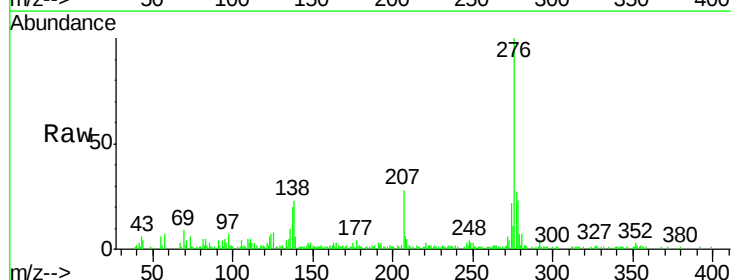
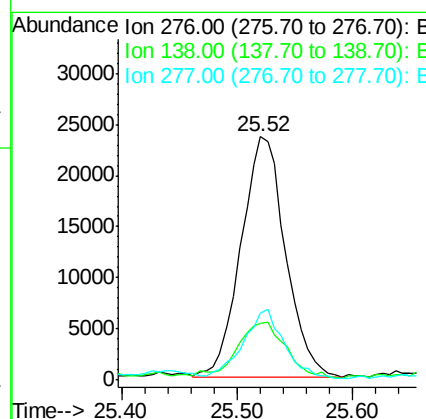
Manual Integrations
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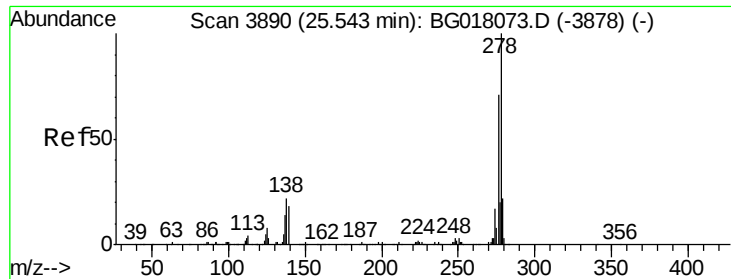
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#92
Indeno(1,2,3-cd)pyrene
Concen: 2.95 ng/ul
RT: 25.52 min Scan# 3886
Delta R.T. -0.01 min
Lab File: BG018083.D
Acq: 24 Jul 2015 2:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	23.2	22.6	33.8
277	27.3	19.8	29.8





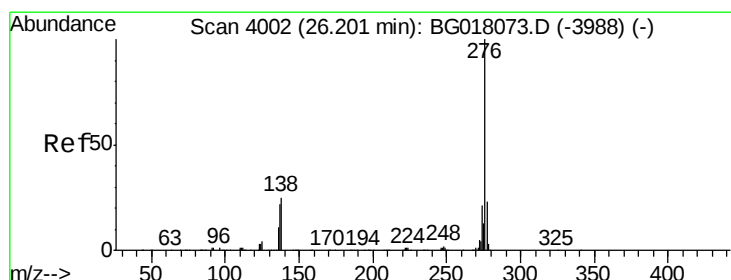
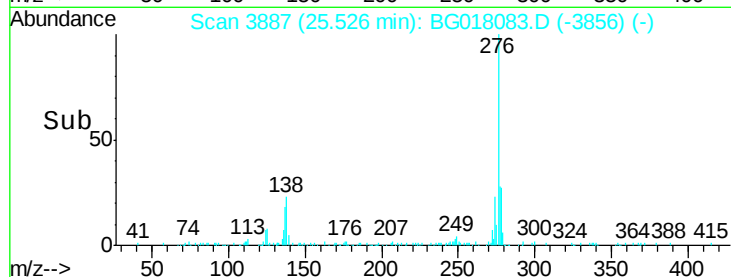
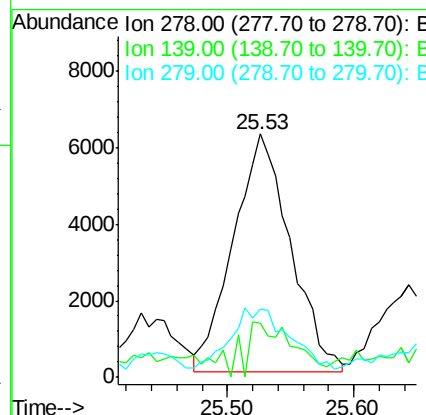
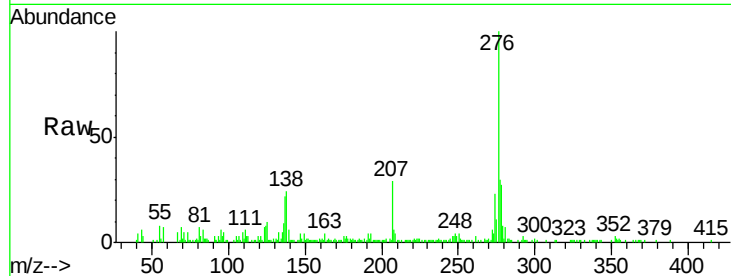
#93
Dibenzo(a,h)anthracene
Concen: 1.06 ng/ul m
RT: 25.53 min Scan# 3887
Delta R.T. -0.02 min
Lab File: BG018083.D
Acq: 24 Jul 2015 2:08

Instrument :
BNA_G
ClientSampleId :
C01K5

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.4	13.7	20.5#
279	27.8	18.1	27.1#

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 3.21 ng/ul
RT: 26.20 min Scan# 4002
Delta R.T. 0.00 min
Lab File: BG018083.D
Acq: 24 Jul 2015 2:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.2	18.8	28.2
277	24.0	19.3	28.9

