

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080215\
 Data File : BG018222.D
 Acq On : 2 Aug 2015 12:55
 Operator : TP
 Sample : G3065-10RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02A3RE

Manual Integrations
 APPROVED

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 8/4/2015 12:18:57 PM

Quant Time: Aug 03 06:28:59 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 07:09:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	90270	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	472880	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	318307	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.91	188	515564m	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	558584m	20.00	ng/ul	0.01
86) Perylene-d12	23.31	264	548653	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.95	96	2156	1.80	ng/uL	-0.02
5) Phenol-d5	6.67	99	97028	11.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	51351	12.38	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.01	132	82326	13.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	75023	11.35	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	44844	12.04	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.35	143	50106	11.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	90865	12.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	31092	3.30	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	302808	12.31	ng/ul	0.00
47) Acenaphthylene-d8	13.84	160	320373	11.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	13759	3.02	ng/ul	0.00
58) Fluorene-d10	15.15	176	224176	10.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	37485m	10.41	ng/ul	0.00
71) Anthracene-d10	17.01	188	261426	11.66	ng/ul	0.00
79) Pyrene-d10	19.32	212	245467m	9.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	291510	10.51	ng/ul	0.02

Target Compounds

					Qvalue	
14) Acetophenone	8.29	105	9174	0.89	ng/ul#	97
45) Dimethylphthalate	13.62	163	661027	27.01	ng/ul	99
50) Acenaphthene	14.22	153	25971	1.41	ng/ul	91
57) Diethylphthalate	14.99	149	51394	2.03	ng/ul	99
59) Fluorene	15.20	166	37629	1.57	ng/ul	98
70) Phenanthrene	16.95	178	406742m	15.53	ng/ul	
72) Anthracene	17.04	178	140710	5.40	ng/ul	98
77) Fluoranthene	18.99	202	1133321m	39.40	ng/ul	
80) Pyrene	19.35	202	1054217m	31.11	ng/ul	
83) Benzo(a)anthracene	21.11	228	980513	32.60	ng/ul	95
85) Chrysene	21.16	228	887412m	32.21	ng/ul	
88) Benzo(b)fluoranthene	22.66	252	1323346	40.15	ng/ul#	95
89) Benzo(k)fluoranthene	22.70	252	370695m	12.24	ng/ul	
91) Benzo(a)pyrene	23.22	252	985859	33.43	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	25.53	276	596031	17.47	ng/ul#	86
93) Dibenzo(a,h)anthracene	25.52	278	204753	7.01	ng/ul#	88
94) Benzo(g,h,i)perylene	26.21	276	569420	20.44	ng/ul#	90

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

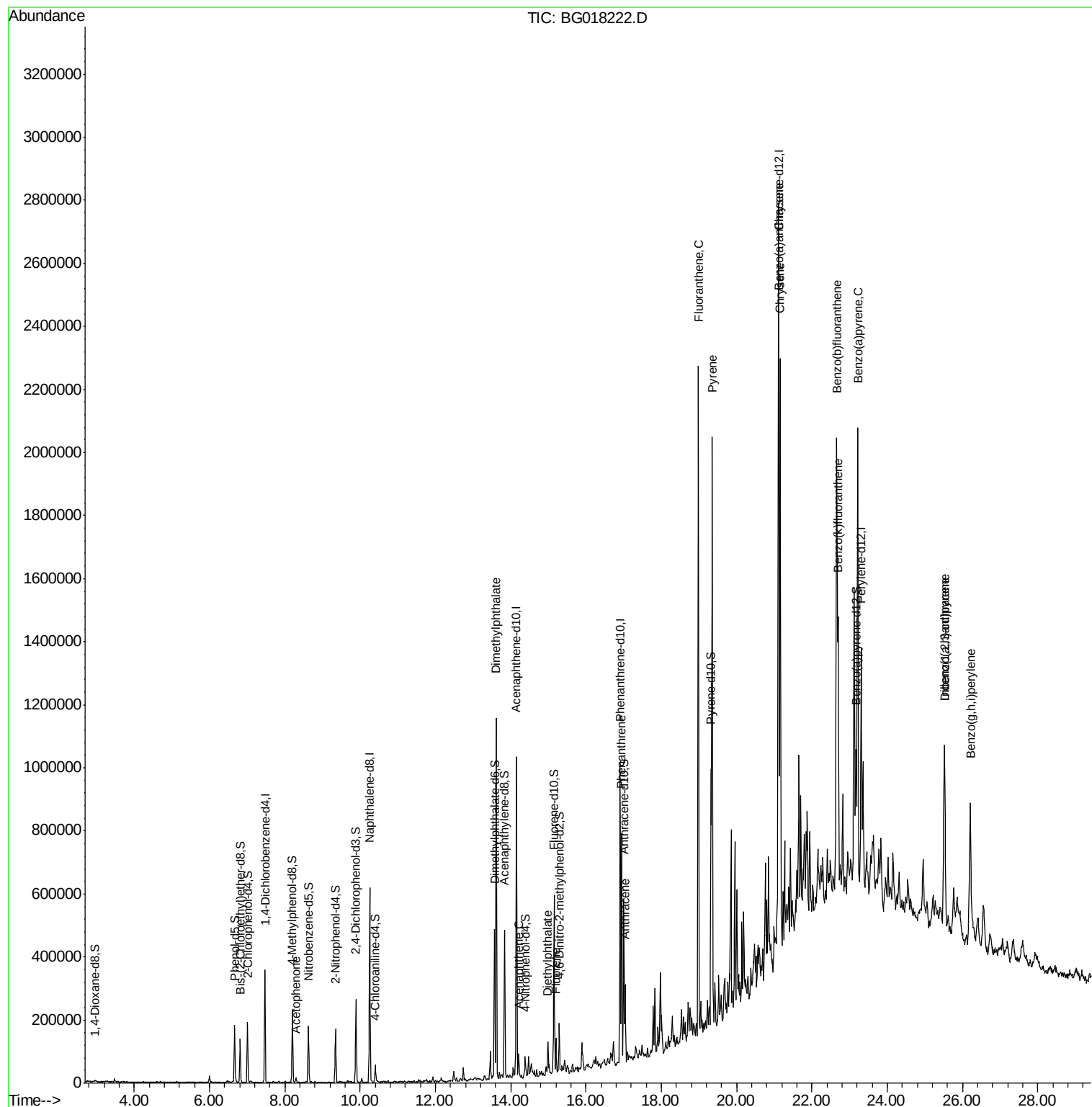
Data Path : Z:\HPCHEM1\BNA_G\Data\BG080215\
Data File : BG018222.D
Acq On : 2 Aug 2015 12:55
Operator : TP
Sample : G3065-10RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

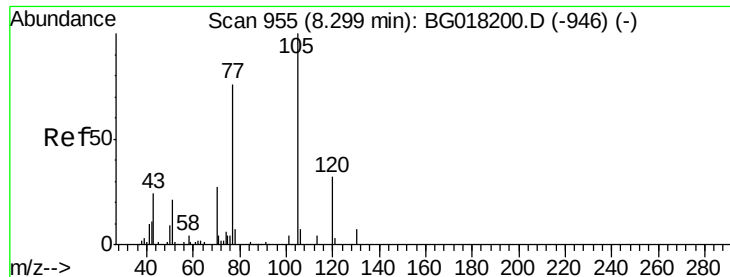
Instrument :
BNA_G
ClientSampleId :
C02A3RE

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Quant Time: Aug 03 06:28:59 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration





#14

Acetophenone

Concen: 0.89 ng/ul

RT: 8.29 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG018222.D

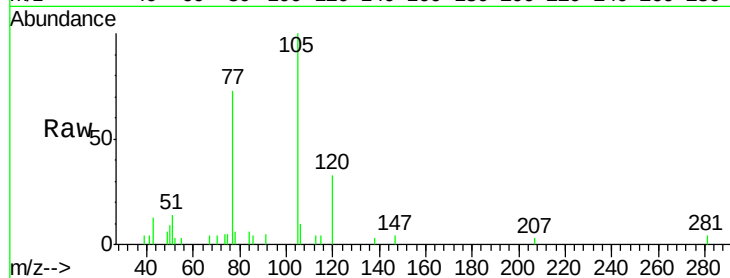
Acq: 2 Aug 2015 12:55

Instrument :

BNA_G

ClientSampleId :

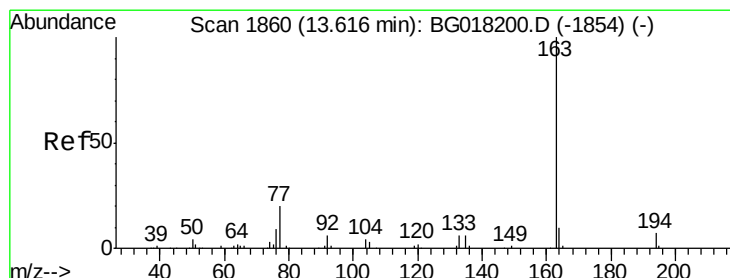
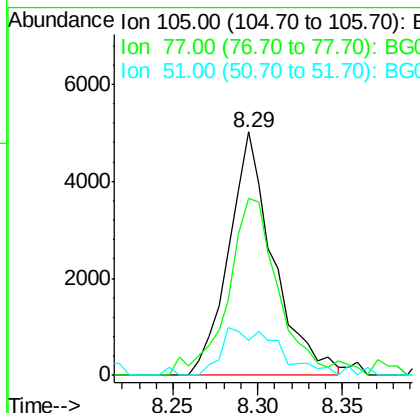
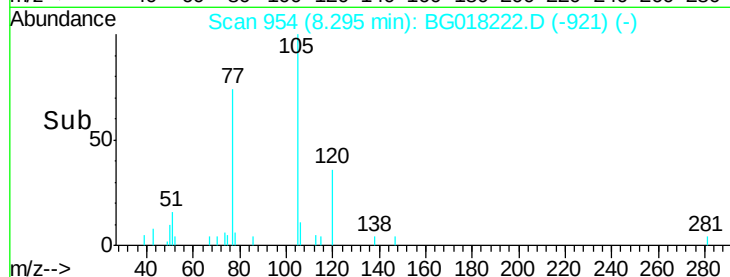
C02A3RE



Tgt Ion:	105	Resp:	9174
Ion Ratio	Lower	Upper	
105	100		
77	72.8	58.4	87.6
51	14.4	16.5	24.7#

Manual Integrations
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#45

Dimethylphthalate

Concen: 27.01 ng/ul

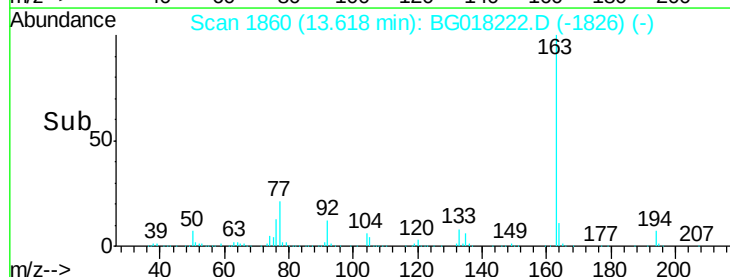
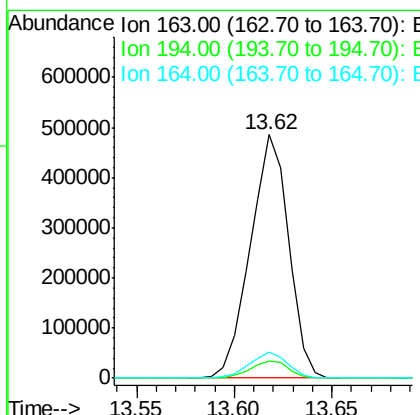
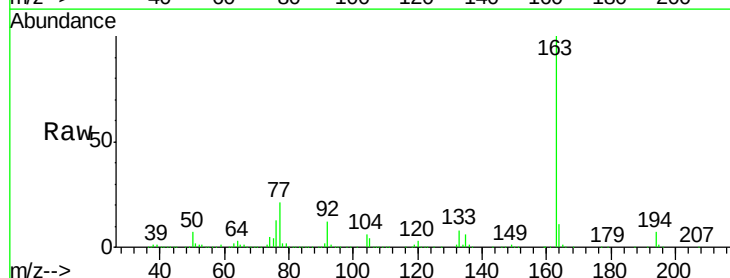
RT: 13.62 min Scan# 1860

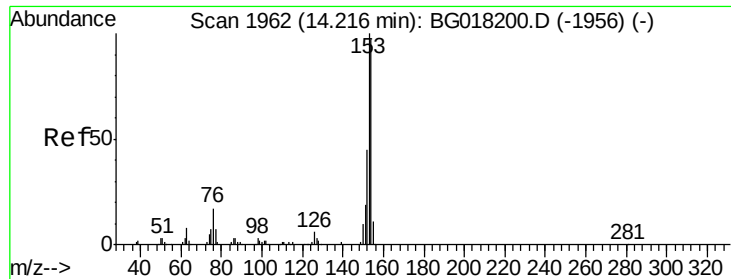
Delta R.T. 0.00 min

Lab File: BG018222.D

Acq: 2 Aug 2015 12:55

Tgt Ion:	163	Resp:	661027
Ion Ratio	Lower	Upper	
163	100		
194	7.1	5.2	7.8
164	10.6	8.4	12.6





#50

Acenaphthene

Concen: 1.41 ng/ul

RT: 14.22 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BG018222.D

Acq: 2 Aug 2015 12:55

Instrument :

BNA_G

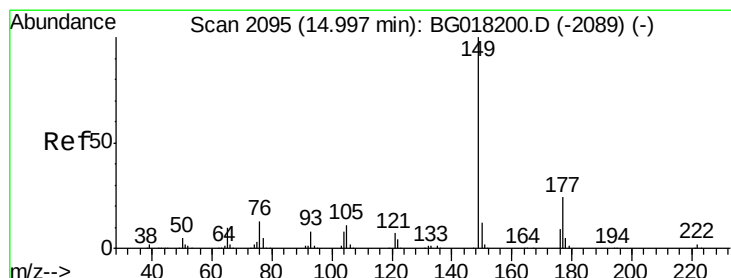
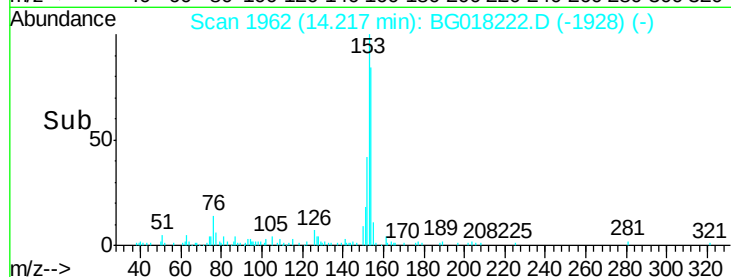
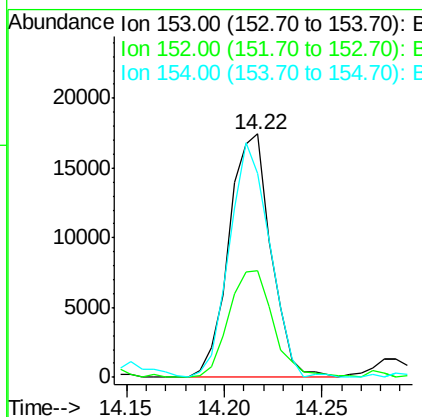
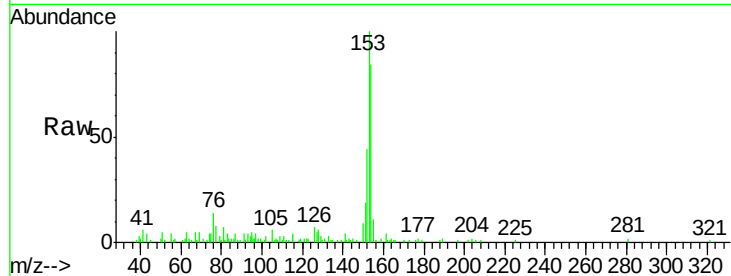
ClientSampleId :

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Tgt Ion:	153	Resp:	25971
Ion Ratio	Lower	Upper	
153	100		
152	43.9	38.7	58.1
154	84.0	74.8	112.2



#57

Diethylphthalate

Concen: 2.03 ng/ul

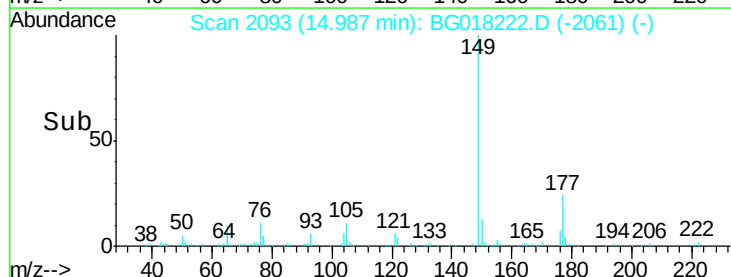
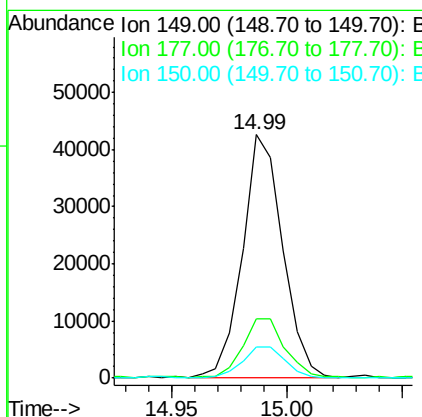
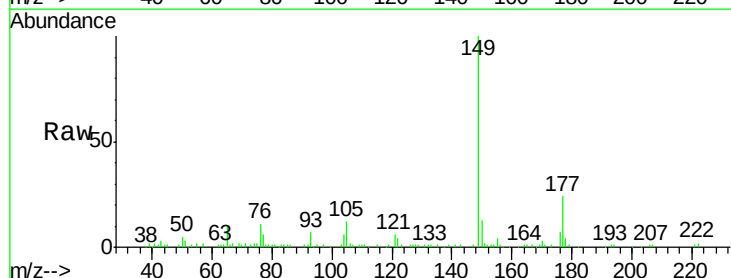
RT: 14.99 min Scan# 2093

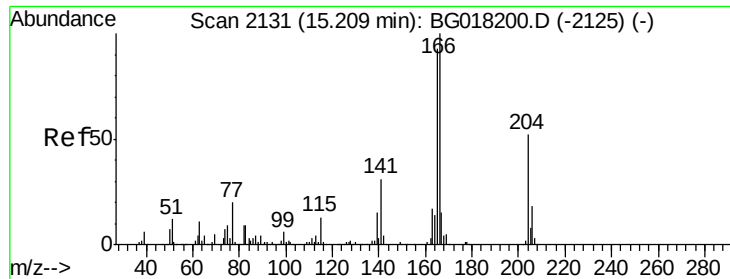
Delta R.T. -0.01 min

Lab File: BG018222.D

Acq: 2 Aug 2015 12:55

Tgt Ion:	149	Resp:	51394
Ion Ratio	Lower	Upper	
149	100		
177	24.4	20.1	30.1
150	12.5	10.0	15.0





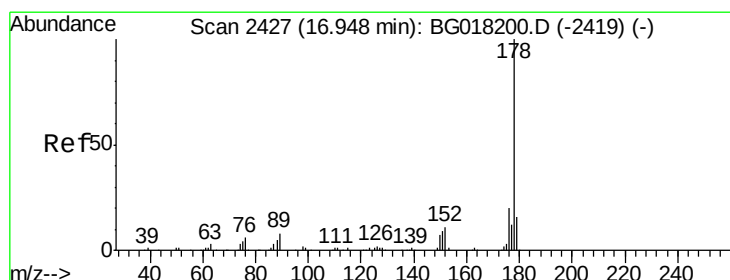
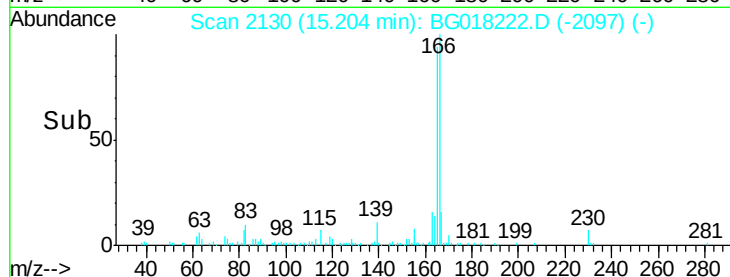
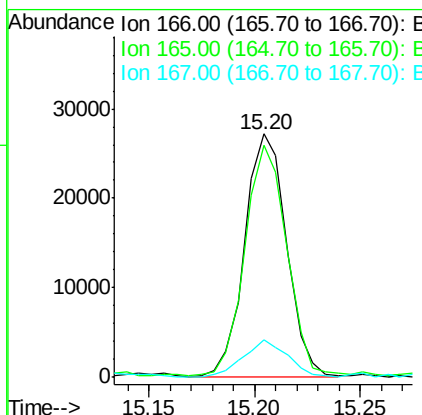
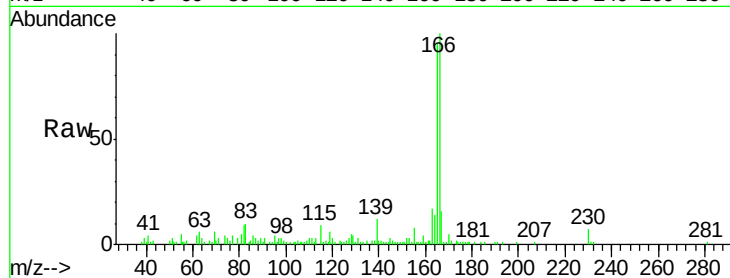
#59
Fluorene
 Concen: 1.57 ng/ul
 RT: 15.20 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BG018222.D
 Acq: 2 Aug 2015 12:55

Instrument :
 BNA_G
 ClientSampleId :
 C02A3RE

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	37629		
165	95.3		75.1	112.7
167	15.7		11.8	17.6

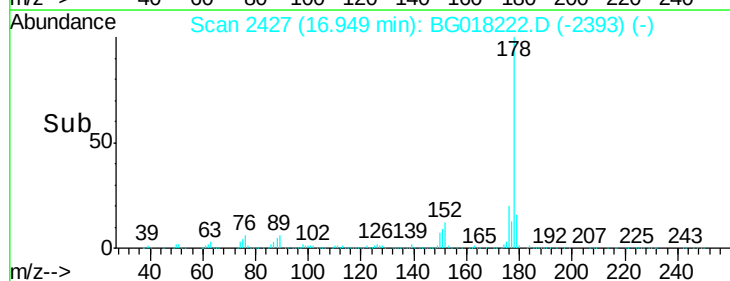
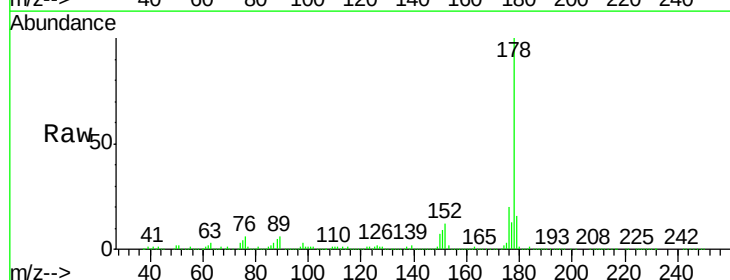
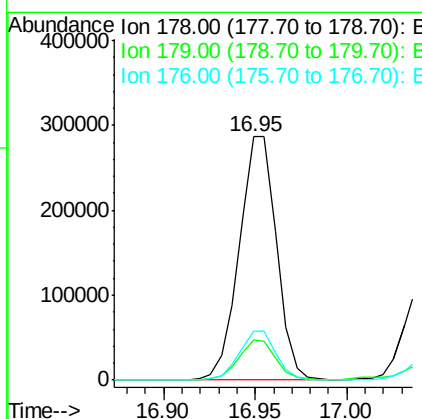
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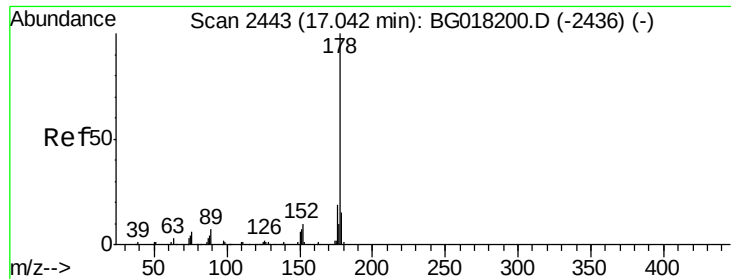
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#70
Phenanthrene
 Concen: 15.53 ng/ul m
 RT: 16.95 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BG018222.D
 Acq: 2 Aug 2015 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	406742		
179	16.4		12.8	19.2
176	20.3		16.0	24.0





#72

Anthracene

Concen: 5.40 ng/ul

RT: 17.04 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG018222.D

Acq: 2 Aug 2015 12:55

Instrument :

BNA_G

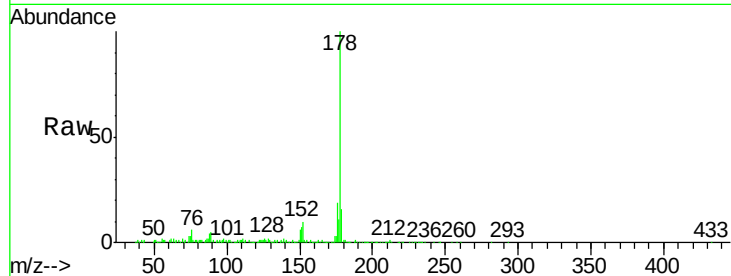
ClientSampleId :

C02A3RE

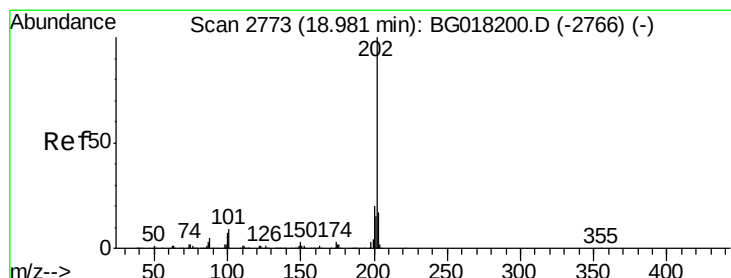
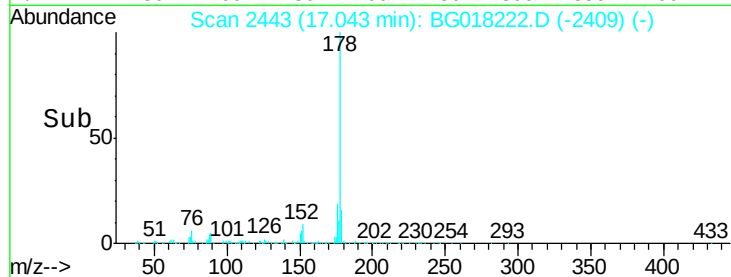
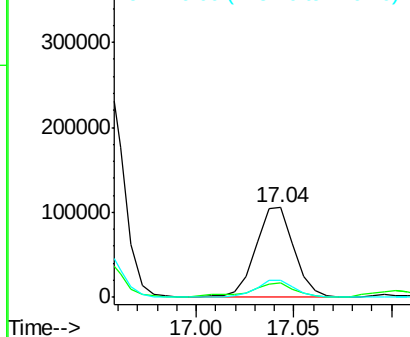
Tgt Ion:	178	Resp:	140710
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.2	18.2
176	19.3	14.8	22.2

Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 39.40 ng/ul m

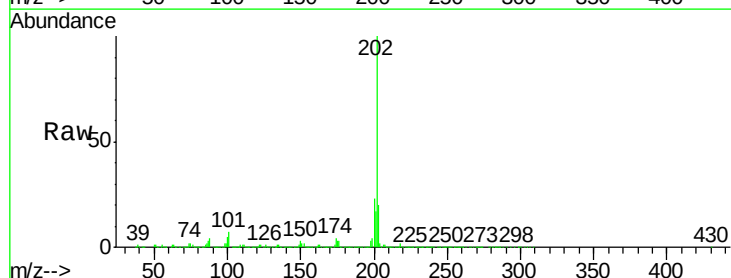
RT: 18.99 min Scan# 2774

Delta R.T. 0.01 min

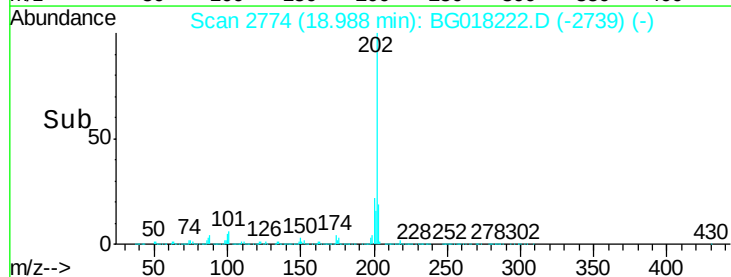
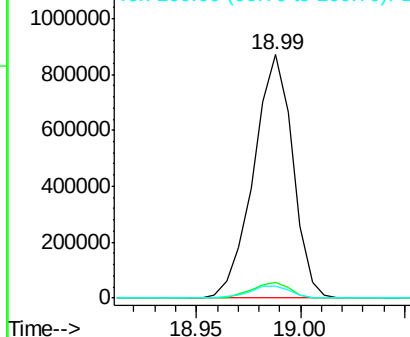
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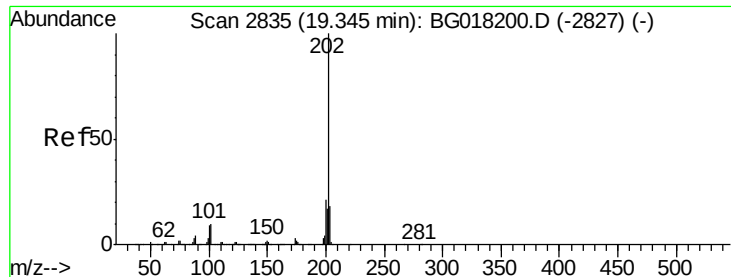
Acq: 2 Aug 2015 12:55

Tgt Ion:	202	Resp:	1133321
Ion Ratio	Lower	Upper	
202	100		
101	6.5	7.5	11.3#
100	5.2	5.5	8.3#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





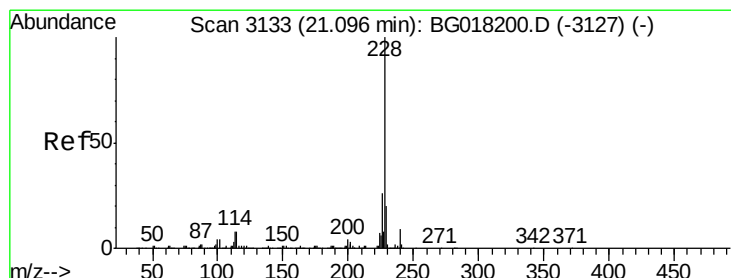
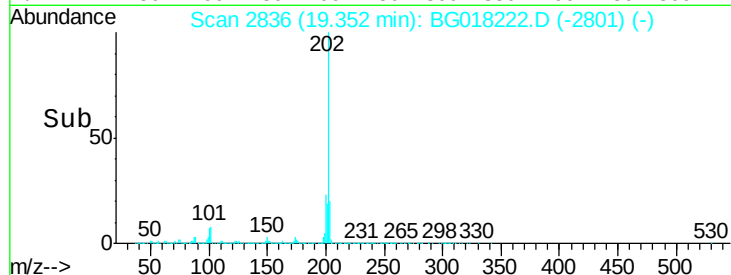
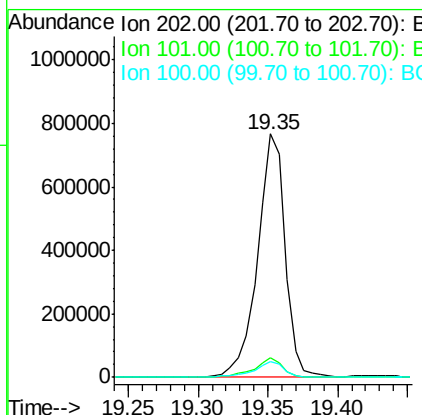
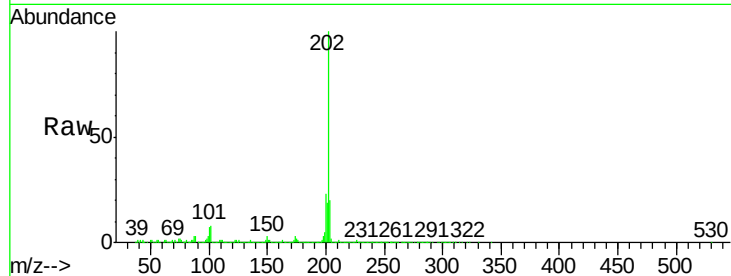
#80
 Pyrene
 Concen: 31.11 ng/ul m
 RT: 19.35 min Scan# 2836
 Delta R.T. 0.01 min
 Lab File: BG018222.D
 Acq: 2 Aug 2015 12:55

Instrument :
 BNA_G
 ClientSampled :
 C02A3RE

Tgt Ion:	202	Resp:	1054217
Ion Ratio	Lower	Upper	
202	100		
101	8.0	8.1	12.1#
100	6.7	7.4	11.0#

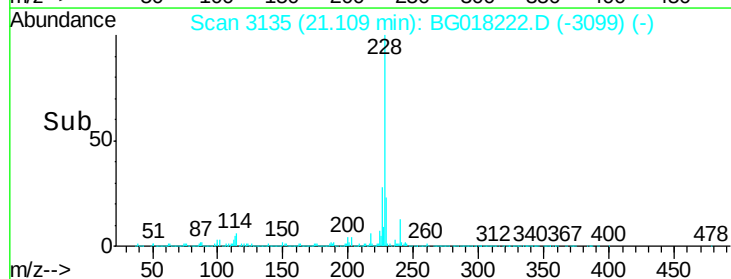
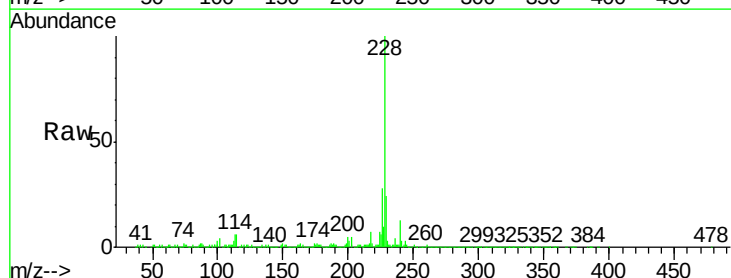
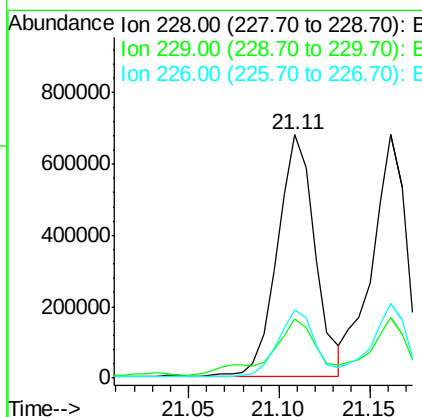
Manual Integrations
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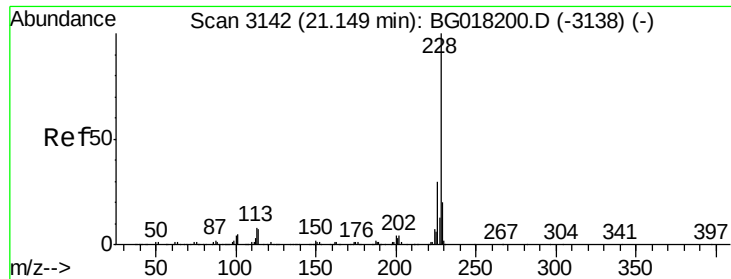
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#83
 Benzo(a)anthracene
 Concen: 32.60 ng/ul
 RT: 21.11 min Scan# 3135
 Delta R.T. 0.01 min
 Lab File: BG018222.D
 Acq: 2 Aug 2015 12:55

Tgt Ion:	228	Resp:	980513
Ion Ratio	Lower	Upper	
228	100		
229	24.4	16.5	24.7
226	28.0	21.5	32.3





#85

Chrysene

Concen: 32.21 ng/ul m

RT: 21.16 min Scan# 3144

Delta R.T. 0.01 min

Lab File: BG018222.D

Acq: 2 Aug 2015 12:55

Instrument :

BNA_G

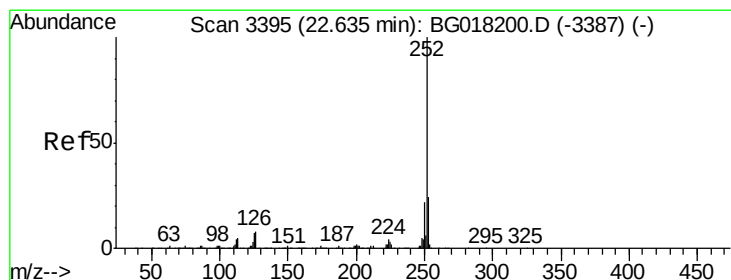
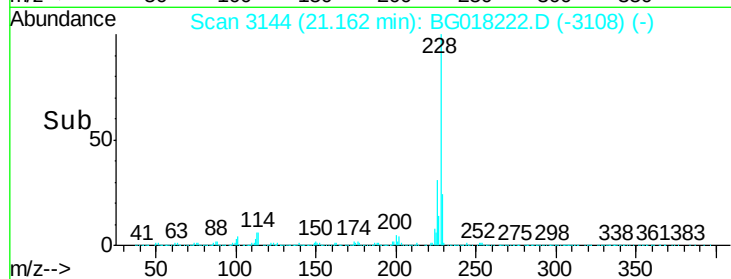
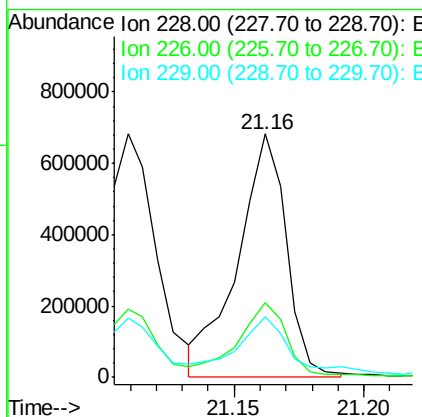
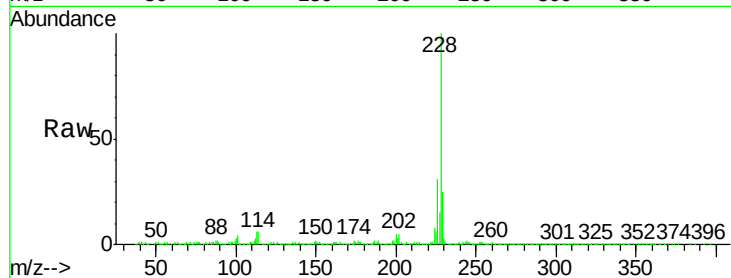
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	887412		
226	30.9	22.7	34.1	
229	24.9	16.2	24.2	



#88

Benzo(b)fluoranthene

Concen: 40.15 ng/ul

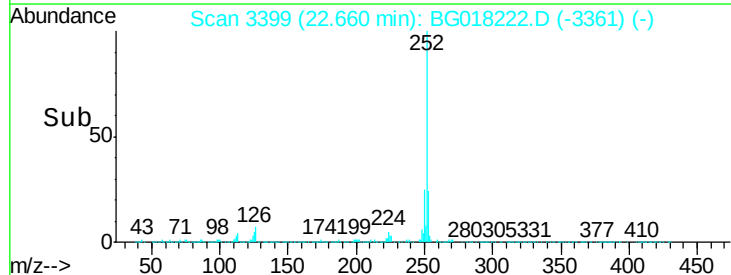
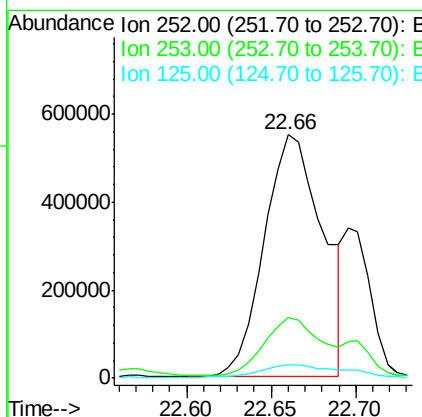
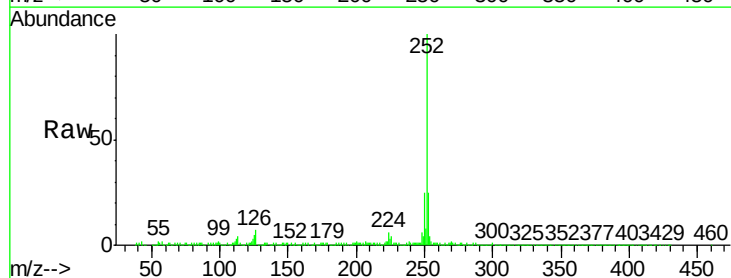
RT: 22.66 min Scan# 3399

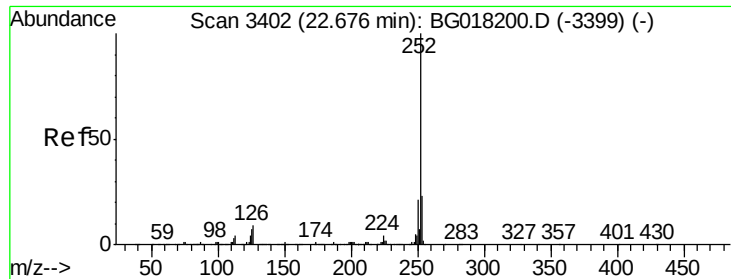
Delta R.T. 0.02 min

Lab File: BG018222.D

Acq: 2 Aug 2015 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1323346		
253	24.7	18.5	27.7	
125	5.5	7.4	11.0	





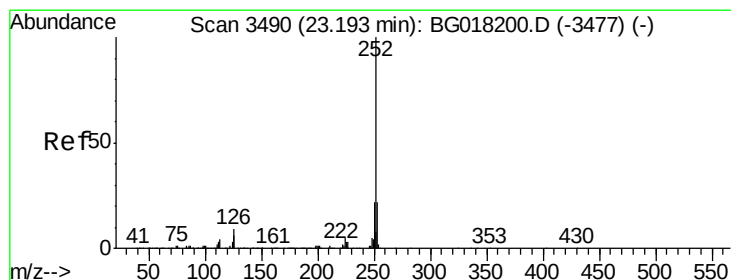
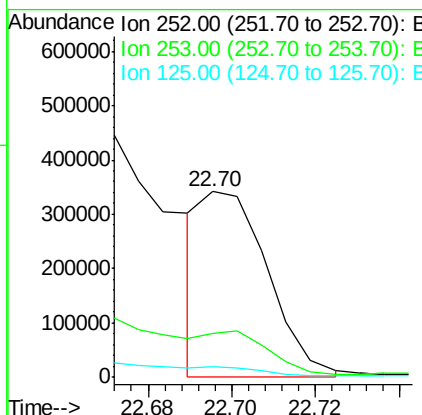
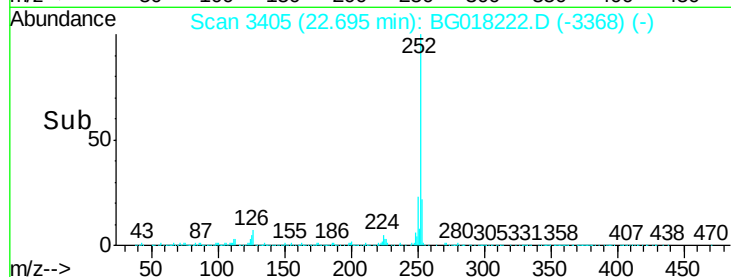
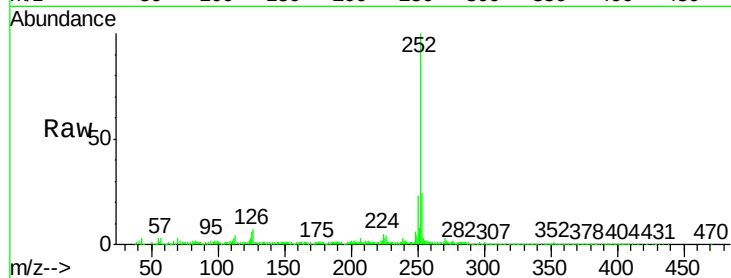
#89
Benzo(k)fluoranthene
Concen: 12.24 ng/ul m
RT: 22.70 min Scan# 3405
Delta R.T. 0.02 min
Lab File: BG018222.D
Acq: 2 Aug 2015 12:55

Instrument :
BNA_G
ClientSampleId :
C02A3RE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	5.7	7.5	11.3#

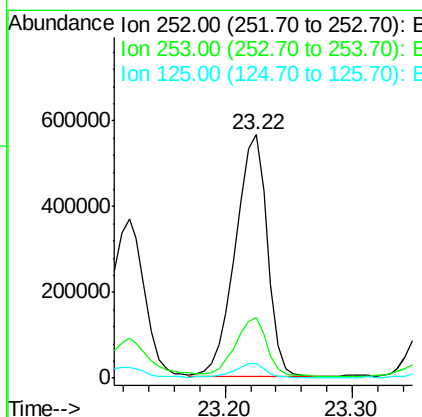
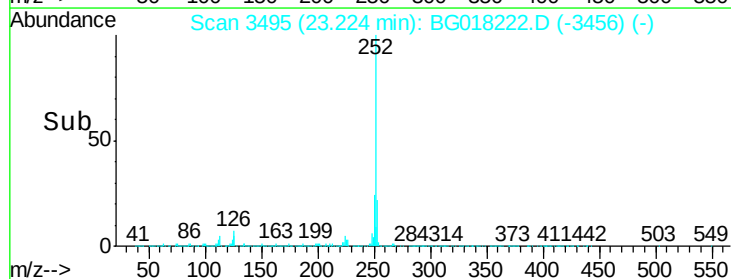
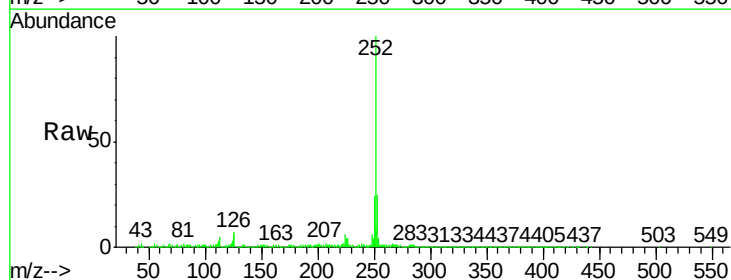
Manual Integrations
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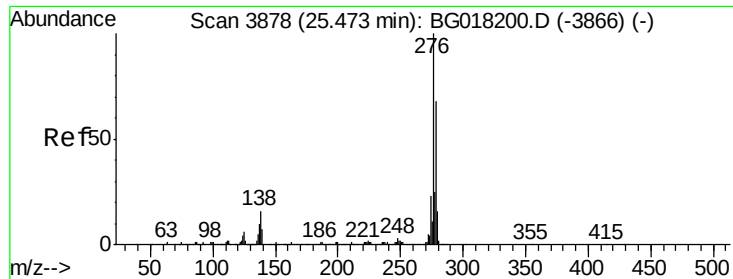
MMDadoda
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#91
Benzo(a)pyrene
Concen: 33.43 ng/ul
RT: 23.22 min Scan# 3495
Delta R.T. 0.03 min
Lab File: BG018222.D
Acq: 2 Aug 2015 12:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.4	26.2
125	5.8	7.3	10.9#





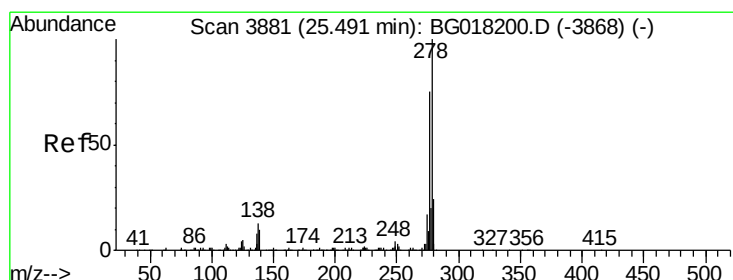
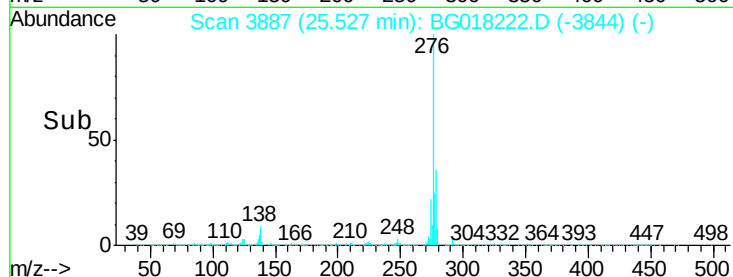
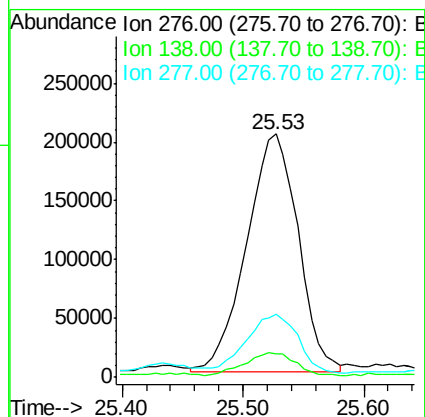
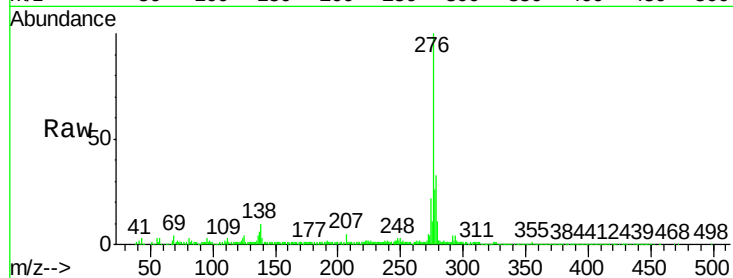
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 17.47 ng/ul
 RT: 25.53 min Scan# 3887
 Delta R.T. 0.05 min
 Lab File: BG018222.D
 Acq: 2 Aug 2015 12:55

Instrument :
 BNA_G
 ClientSampleId :
 C02A3RE

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	596031		
138	9.5	17.2	25.8#	
277	26.0	19.5	29.3	

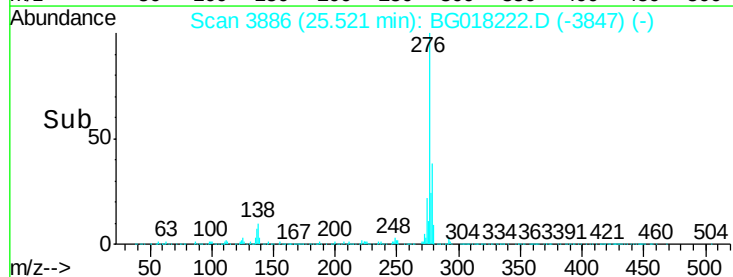
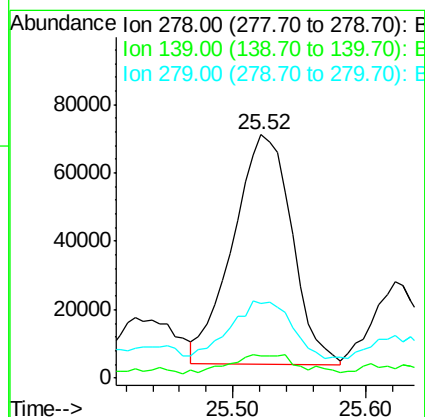
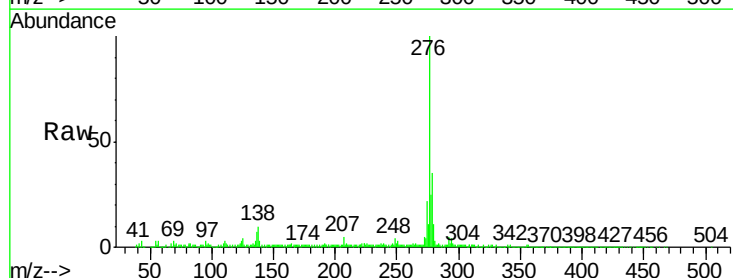
Manual Integrations
 APPROVED

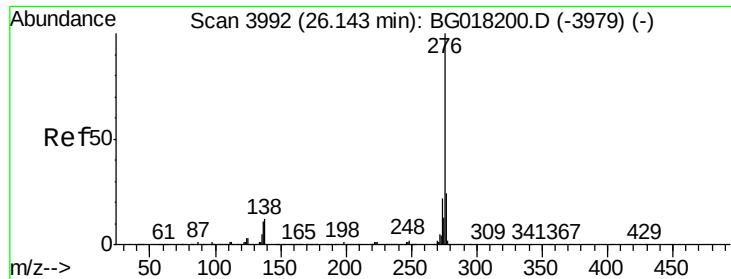
MMDadoda
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#93
 Dibenzo(a,h)anthracene
 Concen: 7.01 ng/ul
 RT: 25.52 min Scan# 3886
 Delta R.T. 0.03 min
 Lab File: BG018222.D
 Acq: 2 Aug 2015 12:55

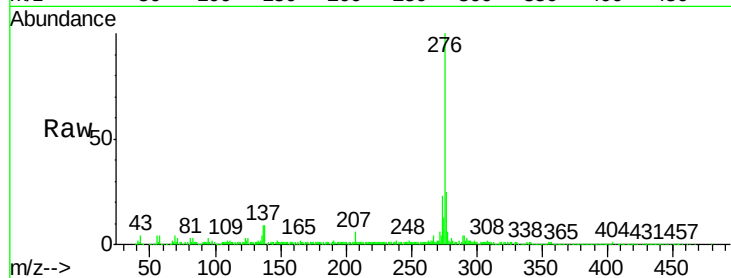
Tgt Ion	Ratio	Resp	Lower	Upper
278	100	204753		
139	9.0	12.2	18.2#	
279	30.6	20.0	30.0#	





#94
 Benzo(g,h,i)perylene
 Concen: 20.44 ng/ul
 RT: 26.21 min Scan# 4003
 Delta R.T. 0.07 min
 Lab File: BG018222.D
 Acq: 2 Aug 2015 12:55

Instrument :
 BNA_G
 ClientSampleId :
 C02A3RE



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	9.2	15.1	22.7#	
277	24.9	19.8	29.6	

Manual Integrations
 APPROVED

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