

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
 Data File : BG018201.D
 Acq On : 1 Aug 2015 3:28
 Operator : TP/UM
 Sample : G3065-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02A3

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:22:41 PM

Quant Time: Aug 01 07:18:38 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	7.48	152	40466	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	226000	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	162163	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.91	188	298203	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	315690	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	346047	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.97	96	1234	2.30	ng/uL	0.00
5) Phenol-d5	6.67	99	49488	13.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	25132	13.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	38064	13.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	38641	13.04	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	21787	12.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	23364	11.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	42976	11.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	21458	4.77	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	149399	11.92	ng/ul	0.00
47) Acenaphthylene-d8	13.84	160	163810	11.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	6176	2.66	ng/ul	0.00
58) Fluorene-d10	15.15	176	117983	10.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	10907	5.24	ng/ul	0.00
71) Anthracene-d10	17.01	188	151391	11.68	ng/ul	0.00
79) Pyrene-d10	19.32	212	149983	9.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	185072	10.58	ng/ul	0.01

Target Compounds

						Qvalue
14) Acetophenone	8.30	105	5339	1.16	ng/ul#	95
45) Dimethylphthalate	13.62	163	331676	26.60	ng/ul	99
50) Acenaphthene	14.22	153	13714	1.46	ng/ul	87
57) Diethylphthalate	14.99	149	27368	2.12	ng/ul	96
59) Fluorene	15.21	166	19836	1.62	ng/ul	95
70) Phenanthrene	16.95	178	236310	15.60	ng/ul	98
72) Anthracene	17.04	178	84945	5.64	ng/ul	99
77) Fluoranthene	18.98	202	692225	41.60	ng/ul	99
80) Pyrene	19.35	202	644308	33.65	ng/ul	99
83) Benzo(a)anthracene	21.10	228	560776	32.99	ng/ul	97
85) Chrysene	21.16	228	536817	34.47	ng/ul	96
88) Benzo(b)fluoranthene	22.65	252	762714	36.69	ng/ul#	98
89) Benzo(k)fluoranthene	22.68	252	287666	15.06	ng/ul#	95
91) Benzo(a)pyrene	23.21	252	616780m	33.16	ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.50	276	366929	17.05	ng/ul#	91
93) Dibenzo(a,h)anthracene	25.49	278	117085	6.35	ng/ul#	91
94) Benzo(g,h,i)perylene	26.18	276	359582	20.46	ng/ul#	93

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

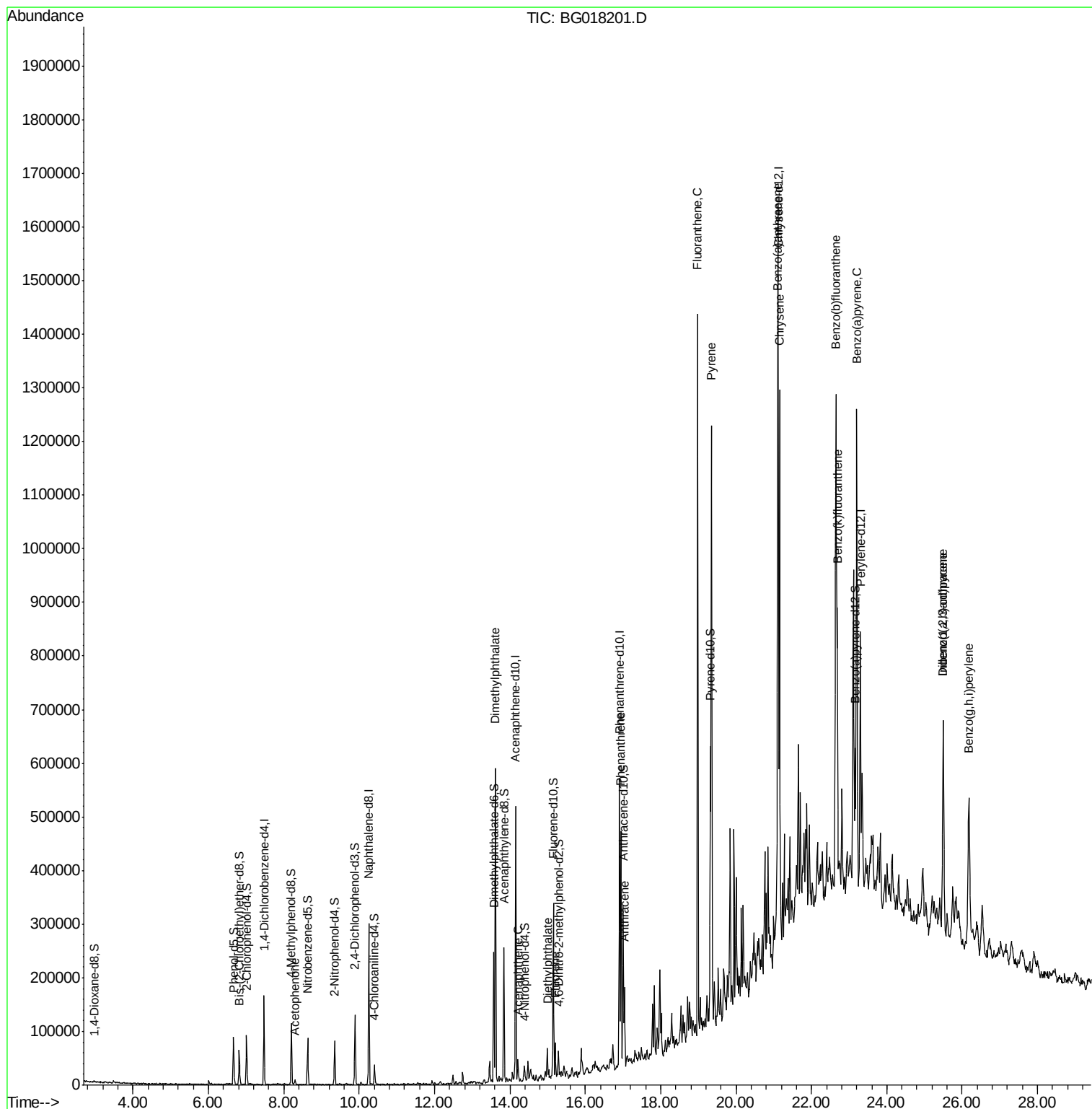
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018201.D
Acq On : 1 Aug 2015 3:28
Operator : TP/UM
Sample : G3065-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

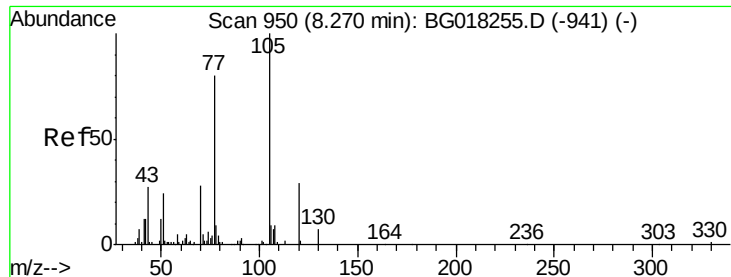
Instrument :
BNA_G
ClientSampleId :
C02A3

Manual Integrations
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Quant Time: Aug 01 07:18:38 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





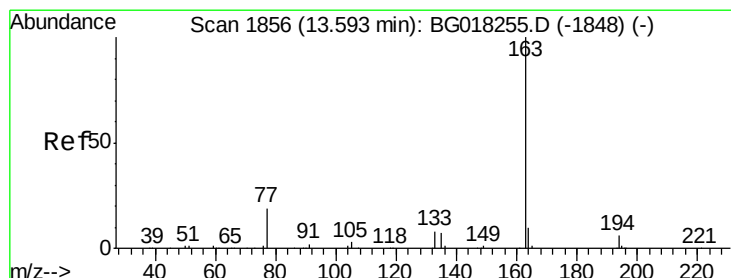
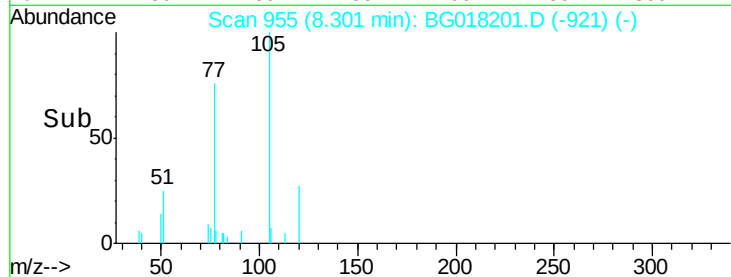
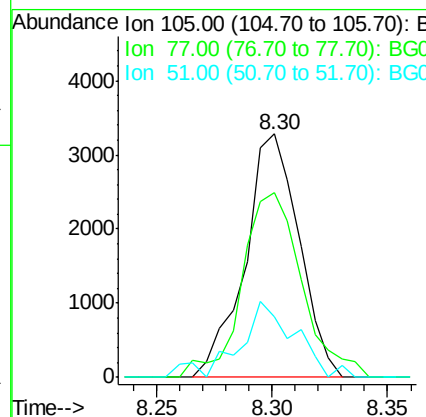
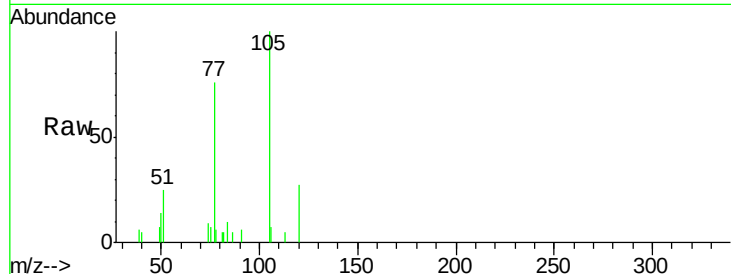
#14
Acetophenone
Concen: 1.16 ng/ul
RT: 8.30 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG018201.D
Acq: 1 Aug 2015 3:28

Instrument :
BNA_G
ClientSampleId :
C02A3

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
77	75.8	58.4	87.6
51	24.8	16.5	24.7

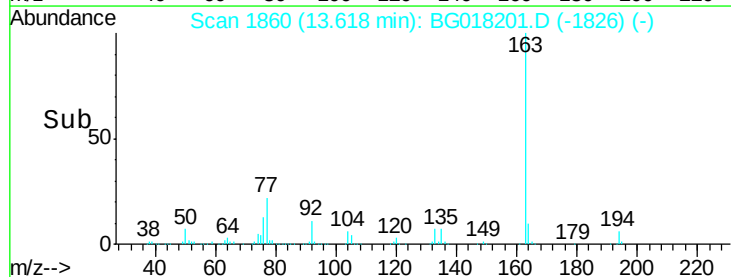
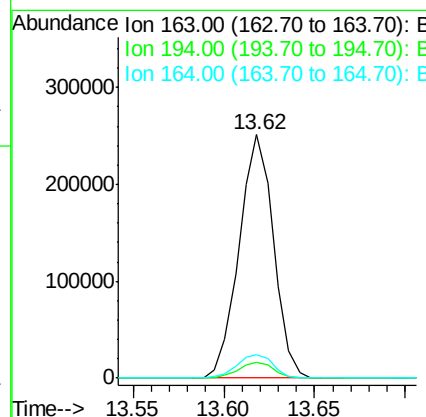
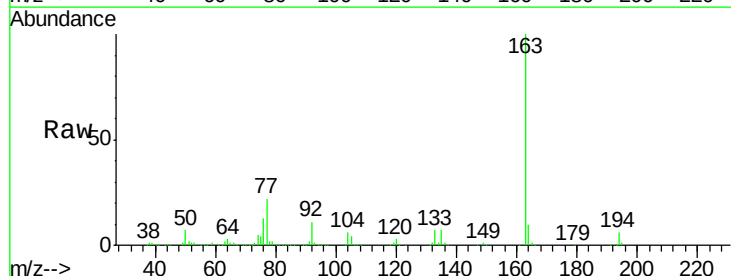
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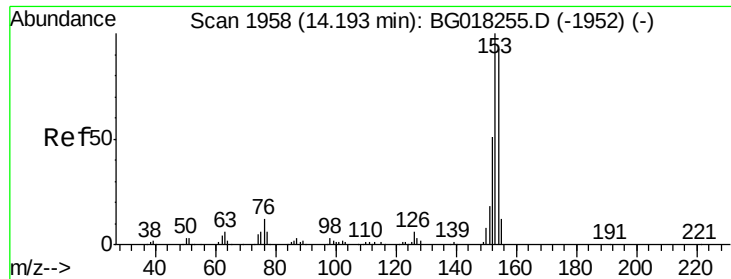
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#45
Dimethylphthalate
Concen: 26.60 ng/ul
RT: 13.62 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BG018201.D
Acq: 1 Aug 2015 3:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	6.4	5.2	7.8
164	9.9	8.4	12.6





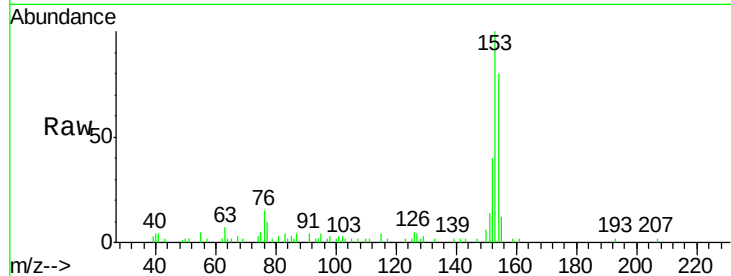
#50
Acenaphthene
Concen: 1.46 ng/ul
RT: 14.22 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG018201.D
Acq: 1 Aug 2015 3:28

Instrument :
BNA_G
ClientSampled :
C02A3

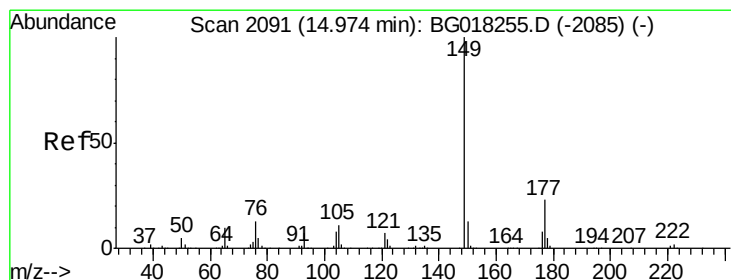
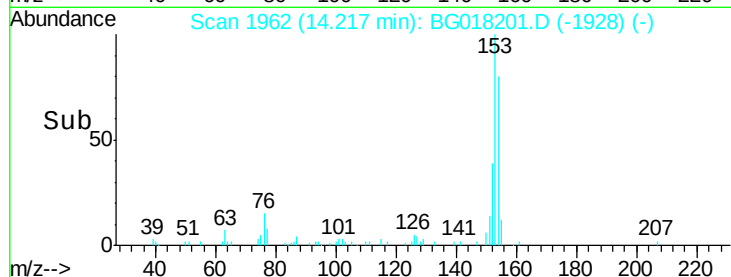
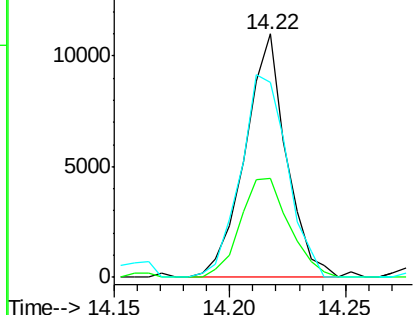
Tgt Ion	Ratio	Lower	Upper
153	100		
152	40.5	38.7	58.1
154	80.2	74.8	112.2

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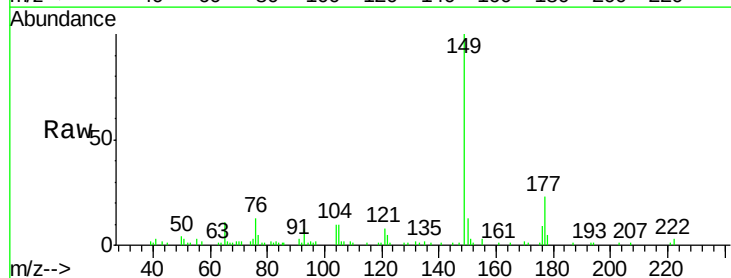


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Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E

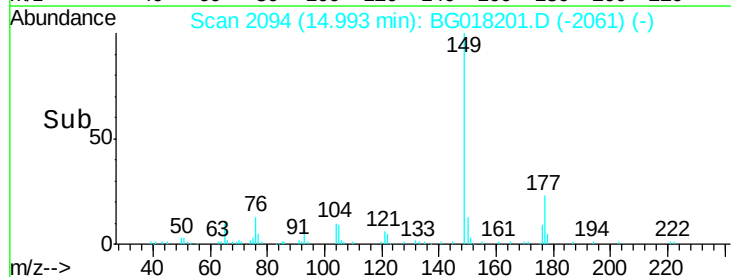
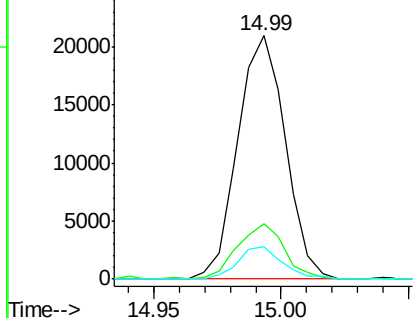


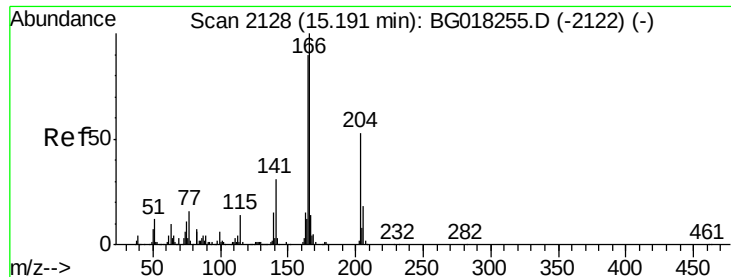
#57
Diethylphthalate
Concen: 2.12 ng/ul
RT: 14.99 min Scan# 2094
Delta R.T. -0.00 min
Lab File: BG018201.D
Acq: 1 Aug 2015 3:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	20.1	30.1
150	13.3	10.0	15.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





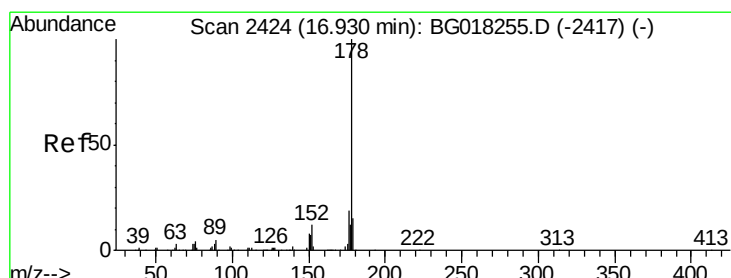
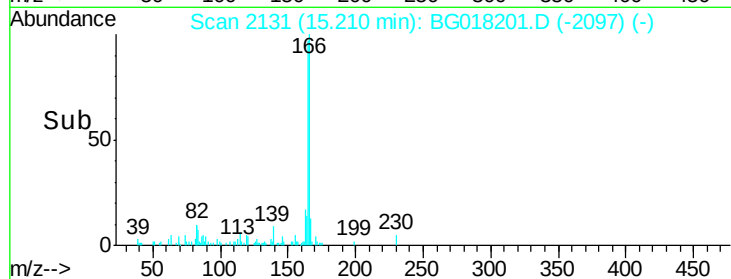
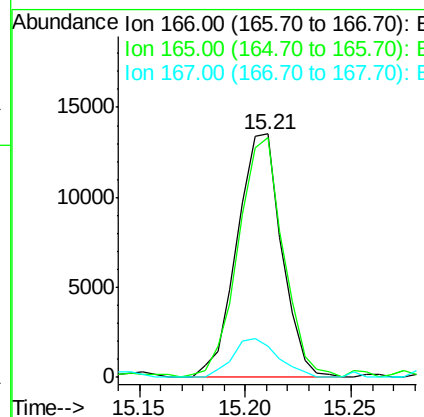
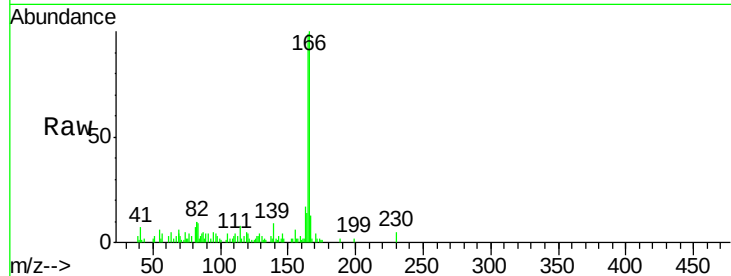
#59
 Fluorene
 Concen: 1.62 ng/ul
 RT: 15.21 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BG018201.D
 Acq: 1 Aug 2015 3:28

Instrument :
 BNA_G
 ClientSampleId :
 C02A3

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	19836		
165	98.7	75.1	112.7	
167	12.9	11.8	17.6	

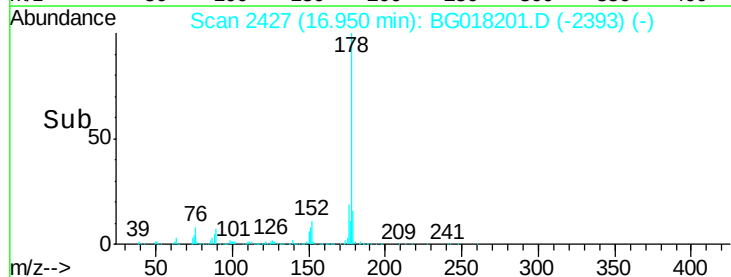
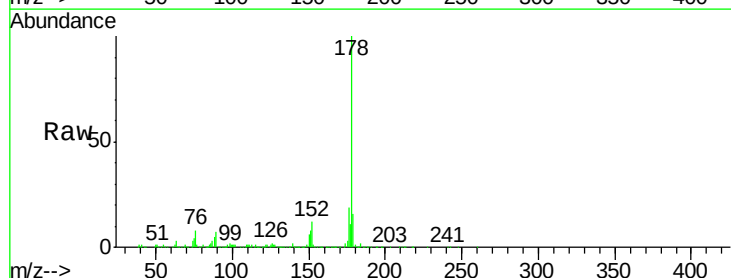
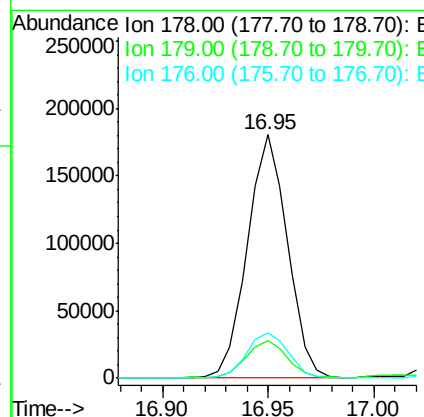
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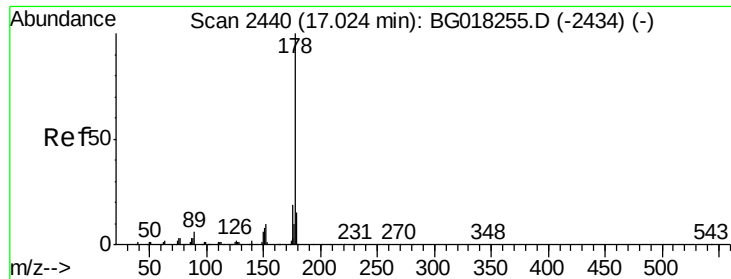
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#70
 Phenanthrene
 Concen: 15.60 ng/ul
 RT: 16.95 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BG018201.D
 Acq: 1 Aug 2015 3:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	236310		
179	15.6	12.8	19.2	
176	18.8	16.0	24.0	





#72

Anthracene

Concen: 5.64 ng/ul

RT: 17.04 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG018201.D

Acq: 1 Aug 2015 3:28

Instrument :

BNA_G

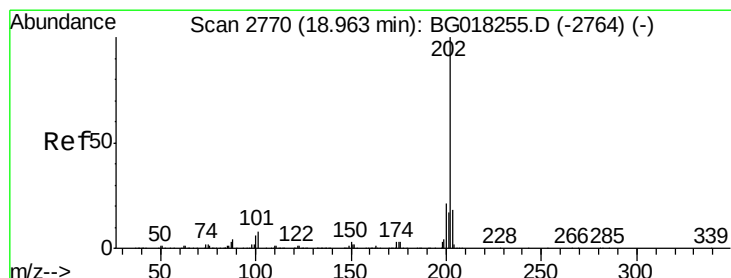
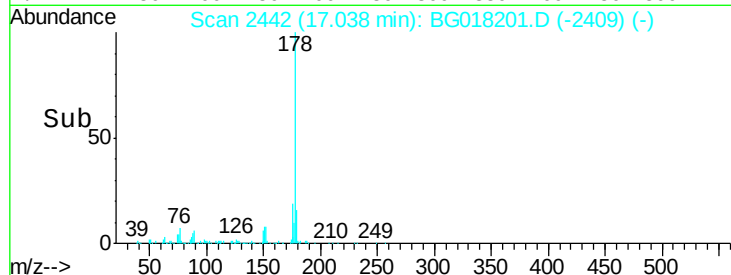
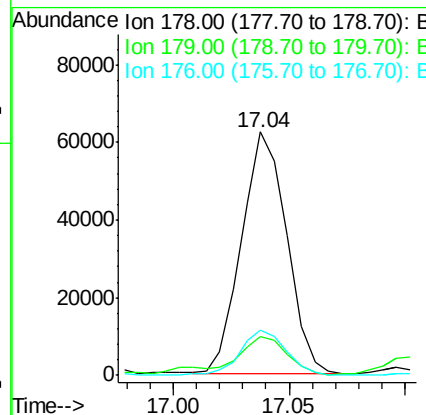
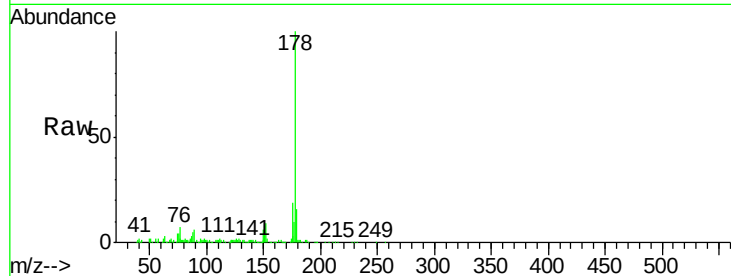
ClientSampleId :

C02A3

Tgt Ion:	178	Resp:	84945
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.2	18.2
176	18.6	14.8	22.2

Manual Integrations
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#77

Fluoranthene

Concen: 41.60 ng/ul

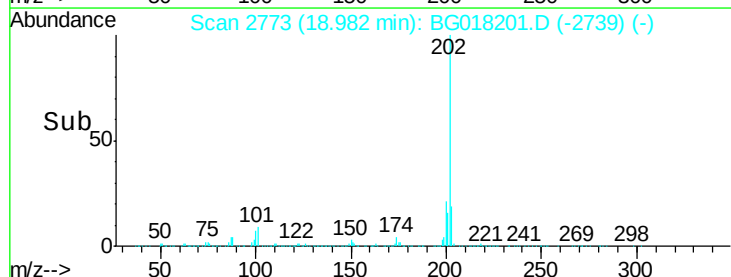
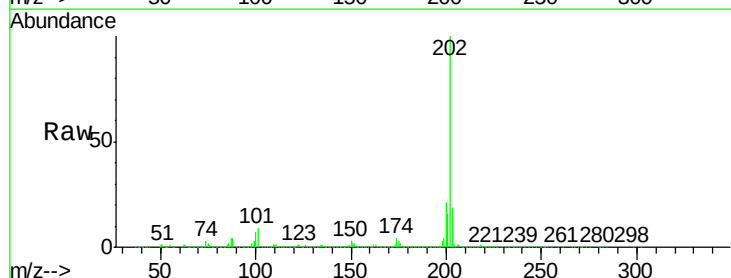
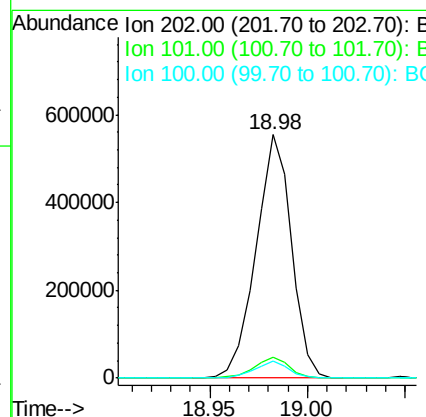
RT: 18.98 min Scan# 2773

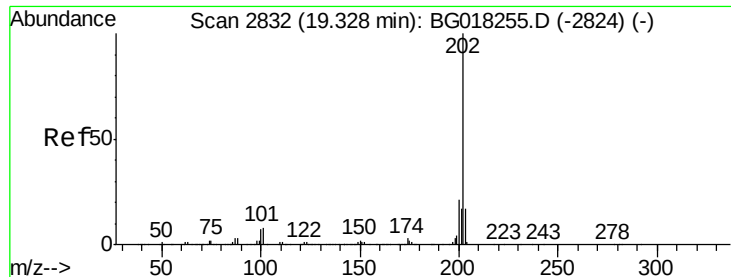
Delta R.T. 0.00 min

Lab File: BG018201.D

Acq: 1 Aug 2015 3:28

Tgt Ion:	202	Resp:	692225
Ion Ratio	Lower	Upper	
202	100		
101	8.7	7.5	11.3
100	7.0	5.5	8.3





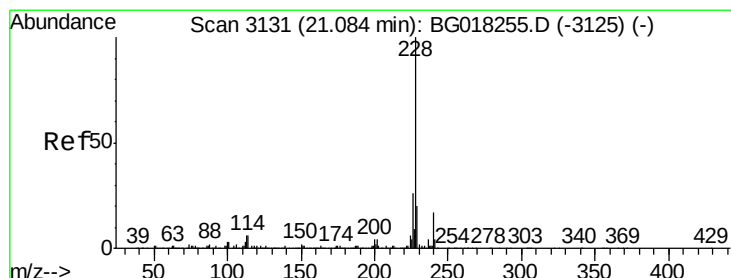
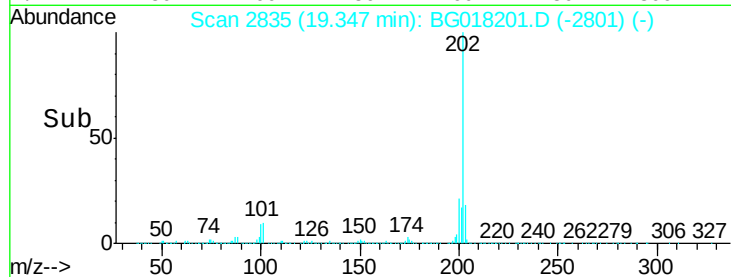
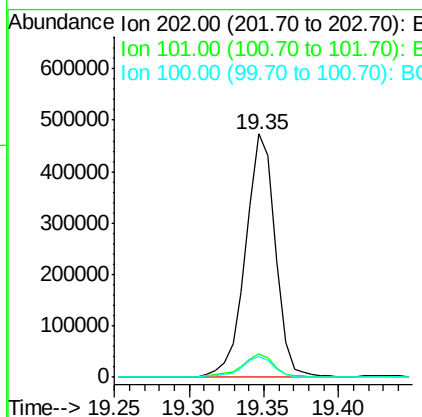
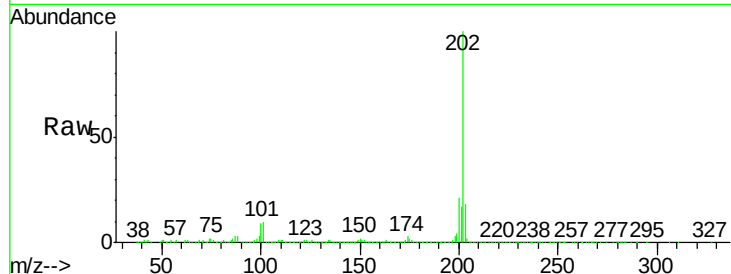
#80
 Pyrene
 Concen: 33.65 ng/ul
 RT: 19.35 min Scan# 2835
 Delta R.T. 0.00 min
 Lab File: BG018201.D
 Acq: 1 Aug 2015 3:28

Instrument :
 BNA_G
 ClientSampleId :
 C02A3

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.8	8.1	12.1
100	8.5	7.4	11.0

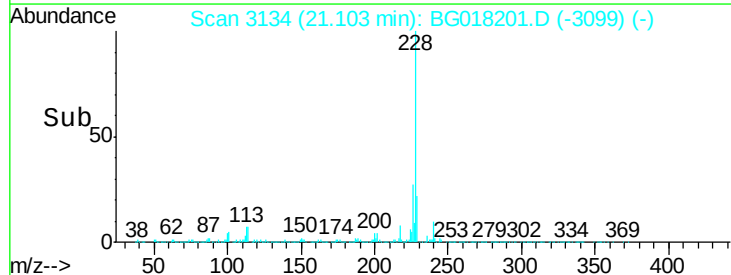
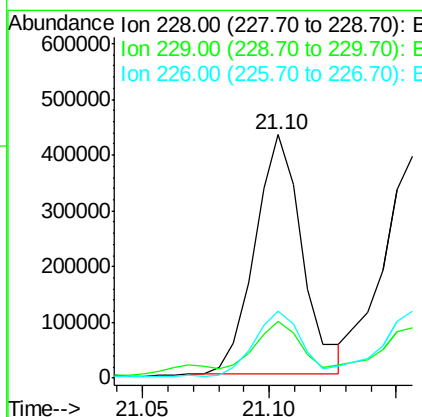
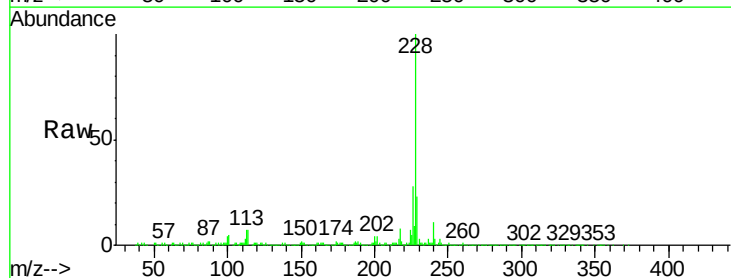
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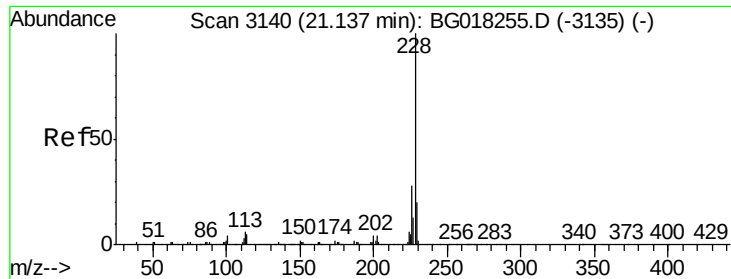
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#83
 Benzo(a)anthracene
 Concen: 32.99 ng/ul
 RT: 21.10 min Scan# 3134
 Delta R.T. 0.01 min
 Lab File: BG018201.D
 Acq: 1 Aug 2015 3:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	23.1	16.5	24.7
226	27.5	21.5	32.3





#85

Chrysene

Concen: 34.47 ng/ul

RT: 21.16 min Scan# 3143

Delta R.T. 0.01 min

Lab File: BG018201.D

Acq: 1 Aug 2015 3:28

Instrument :

BNA_G

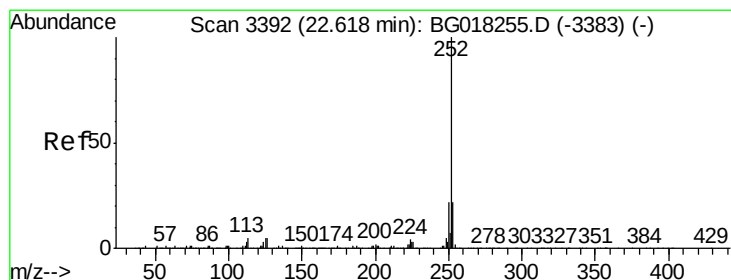
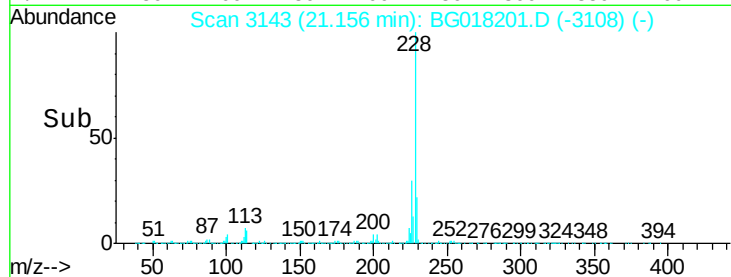
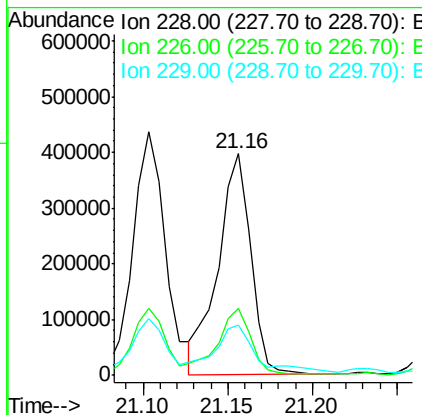
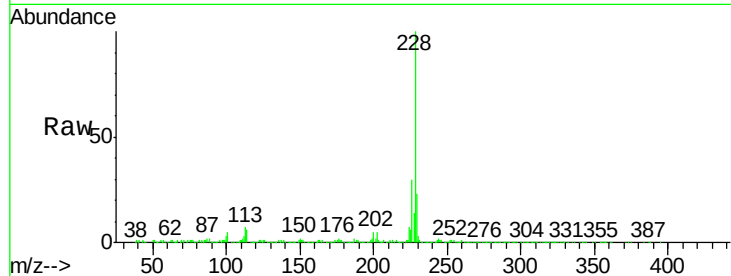
ClientSampled :

C02A3

Tgt	Ion	228	Resp:	536817
	Ratio	100	Lower	Upper
	228	100		
	226	30.3	22.7	34.1
	229	22.6	16.2	24.2

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 36.69 ng/ul

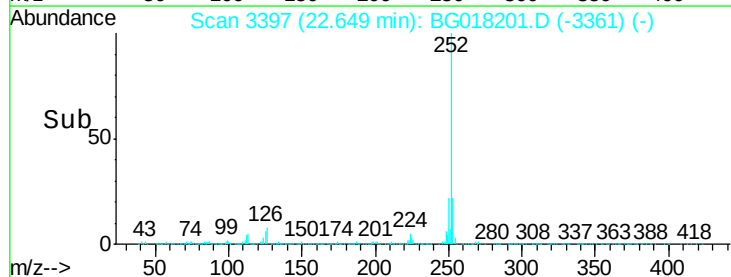
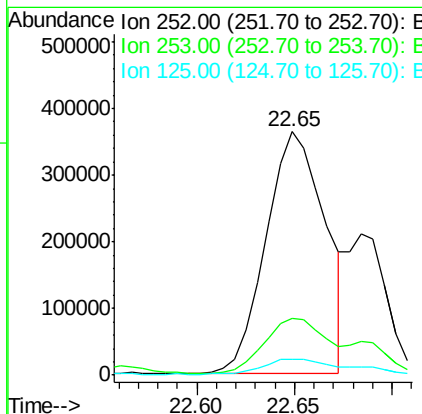
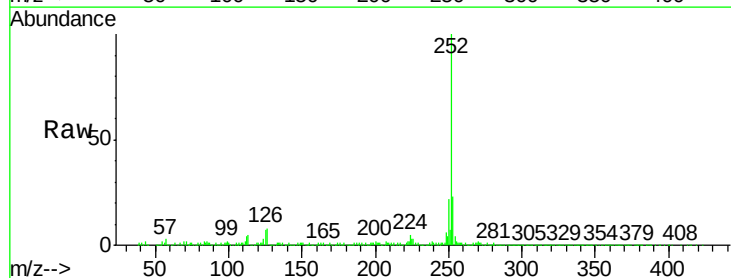
RT: 22.65 min Scan# 3397

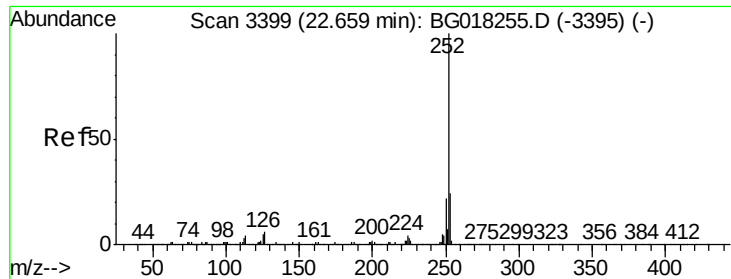
Delta R.T. 0.01 min

Lab File: BG018201.D

Acq: 1 Aug 2015 3:28

Tgt	Ion	252	Resp:	762714
	Ratio	100	Lower	Upper
	252	100		
	253	23.1	18.5	27.7
	125	6.7	7.4	11.0#





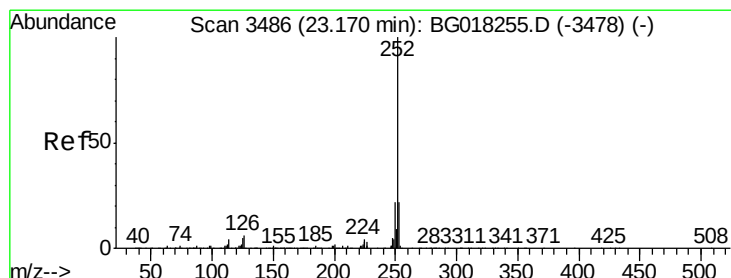
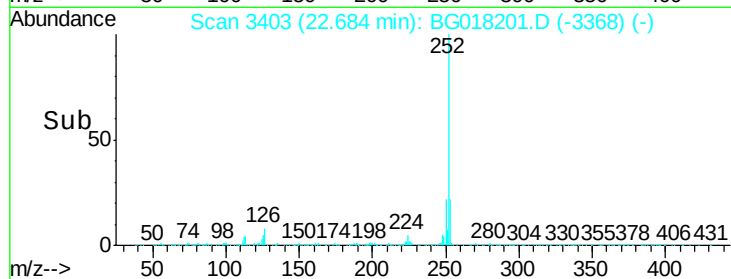
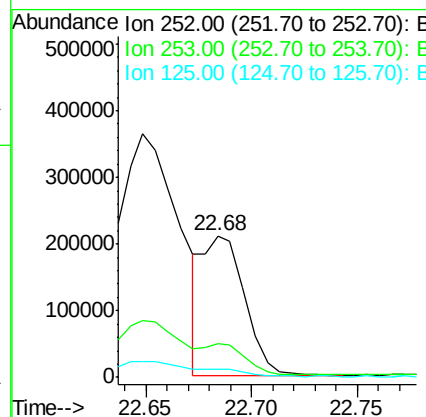
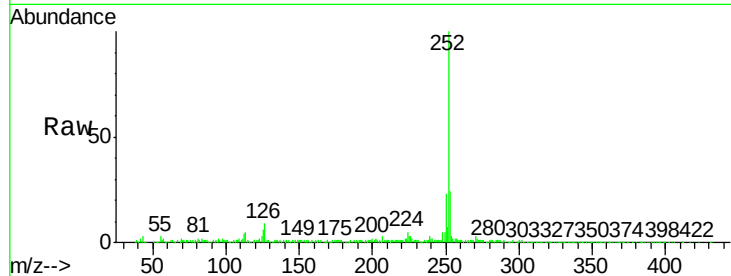
#89
Benzo(k)fluoranthene
Concen: 15.06 ng/ul
RT: 22.68 min Scan# 3403
Delta R.T. 0.01 min
Lab File: BG018201.D
Acq: 1 Aug 2015 3:28

Instrument :
BNA_G
ClientSampled :
C02A3

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.0	18.2	27.2
125	5.9	7.5	11.3#

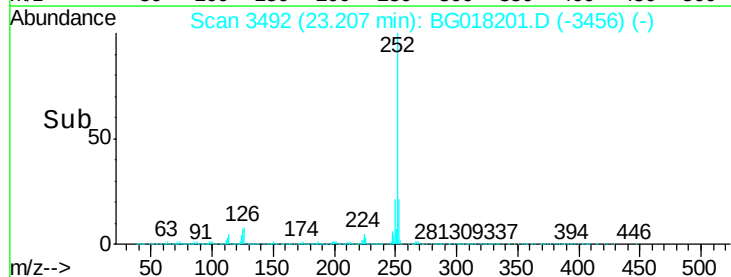
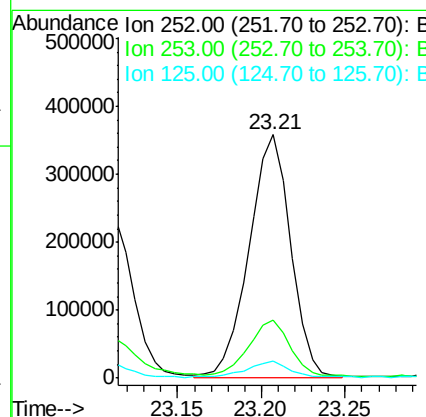
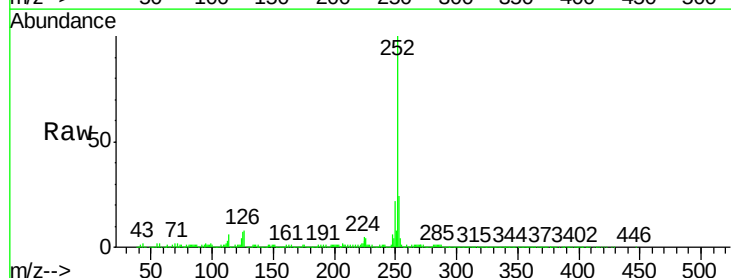
Manual Integrations
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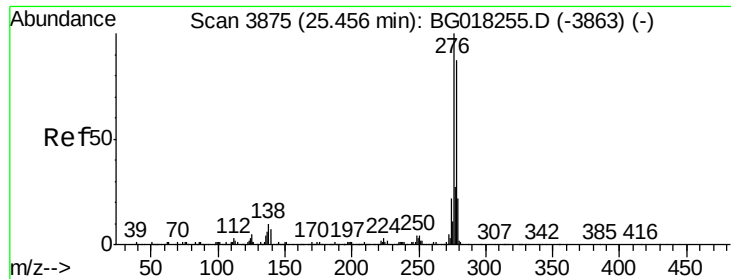
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#91
Benzo(a)pyrene
Concen: 33.16 ng/ul m
RT: 23.21 min Scan# 3492
Delta R.T. 0.01 min
Lab File: BG018201.D
Acq: 1 Aug 2015 3:28

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.7	17.4	26.2
125	7.2	7.3	10.9#





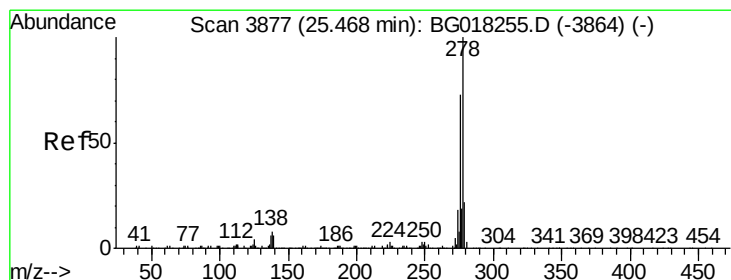
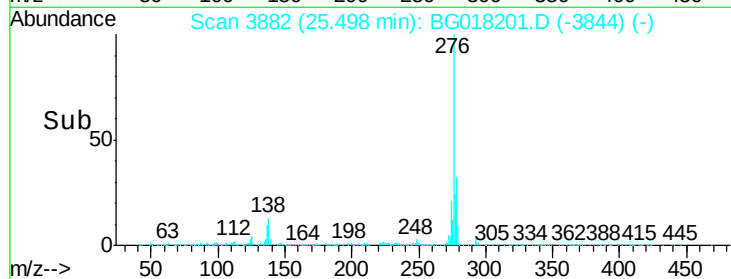
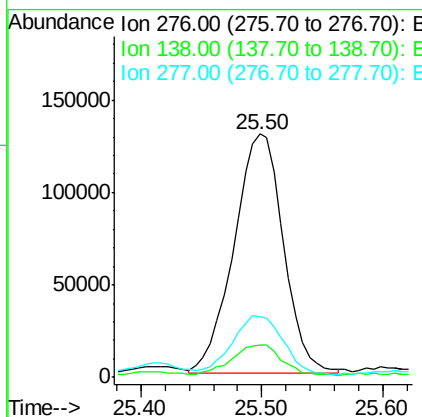
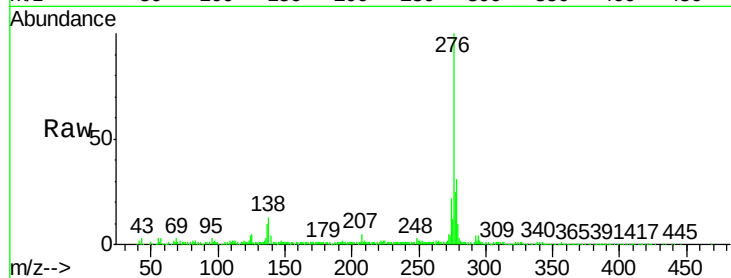
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 17.05 ng/ul
 RT: 25.50 min Scan# 3882
 Delta R.T. 0.03 min
 Lab File: BG018201.D
 Acq: 1 Aug 2015 3:28

Instrument :
 BNA_G
 ClientSampleId :
 C02A3

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	366929		
138	13.2	17.2	25.8#	
277	25.1	19.5	29.3	

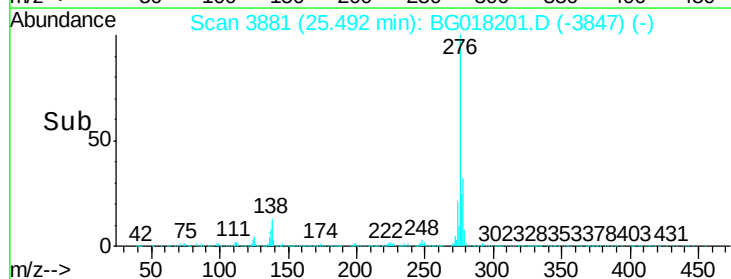
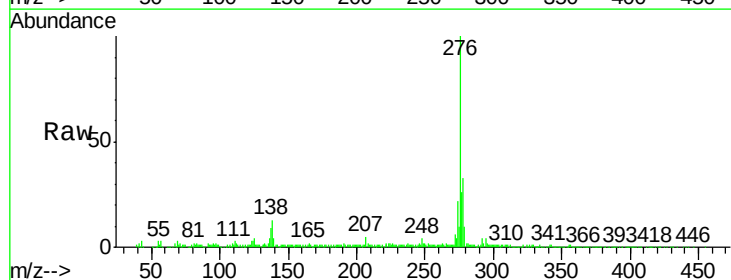
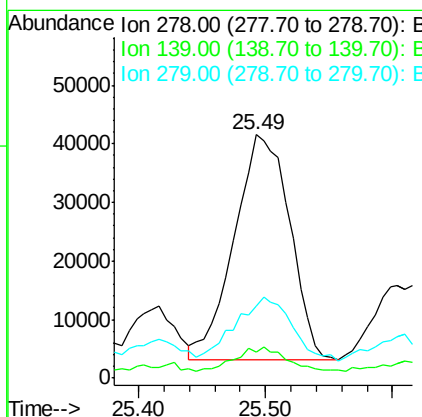
Manual Integrations
 APPROVED

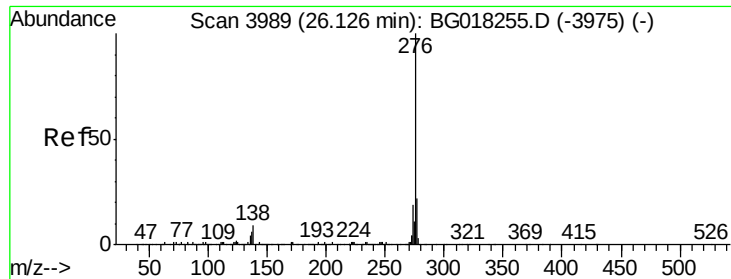
MMDadoda
 8/4/2015 12:22:41 PM



#93
 Dibenzo(a,h)anthracene
 Concen: 6.35 ng/ul
 RT: 25.49 min Scan# 3881
 Delta R.T. 0.00 min
 Lab File: BG018201.D
 Acq: 1 Aug 2015 3:28

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	117085		
139	10.9	12.2	18.2#	
279	29.4	20.0	30.0	





#94
 Benzo(g,h,i)perylene
 Concen: 20.46 ng/ul
 RT: 26.18 min Scan# 3998
 Delta R.T. 0.04 min
 Lab File: BG018201.D
 Acq: 1 Aug 2015 3:28

Instrument :
 BNA_G
 ClientSampleId :
 C02A3

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	11.6	15.1	22.7#
277	24.7	19.8	29.6

Manual Integrations
 APPROVED

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