

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
 Data File : BG018210.D
 Acq On : 1 Aug 2015 8:43
 Operator : TP/UM
 Sample : G3065-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01Z8

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:23:40 PM

Quant Time: Aug 04 16:54:04 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	7.49	152	59223	20.00	ng/ul	0.01
18) Naphthalene-d8	10.27	136	256031	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.16	164	124230	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.92	188	227217	20.00	ng/ul	0.01
78) Chrysene-d12	21.14	240	305749	20.00	ng/ul	0.02
86) Perylene-d12	23.33	264	303008	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.98	96	978	1.25	ng/uL	0.01
5) Phenol-d5	6.68	99	44257	8.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	26156	9.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	36610	9.10	ng/ul	0.01
13) 4-Methylphenol-d8	8.21	113	25053	5.78	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	19036	9.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	17555	7.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	37947	9.28	ng/ul	0.01
29) 4-Chloroaniline-d4	10.41	131	5755	1.13	ng/ul	0.01
44) Dimethylphthalate-d6	13.58	166	96323	10.03	ng/ul	0.00
47) Acenaphthylene-d8	13.85	160	111212	9.99	ng/ul	0.01
52) 4-Nitrophenol-d4	14.40	143	9955	5.60	ng/ul	0.02
58) Fluorene-d10	15.16	176	75630	8.71	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.30	200	277	0.17	ng/ul	0.00
71) Anthracene-d10	17.02	188	98821	10.00	ng/ul	0.01
79) Pyrene-d10	19.34	212	112172	7.58	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.19	264	154752	10.10	ng/ul	0.05

Target Compounds

					Qvalue	
14) Acetophenone	8.30	105	13045	1.93	ng/ul#	91
28) Naphthalene	10.32	128	65160	5.29	ng/ul	97
34) 2-Methylnaphthalene	11.95	142	26428	2.71	ng/ul	91
35) 1-Methylnaphthalene	12.17	142	21581	2.31	ng/ul#	98
45) Dimethylphthalate	13.62	163	99112	10.38	ng/ul	97
50) Acenaphthene	14.23	153	34038	4.73	ng/ul	95
54) Dibenzofuran	14.56	168	27186	2.51	ng/ul#	63
59) Fluorene	15.22	166	41187	4.40	ng/ul	97
70) Phenanthrene	16.97	178	329437	28.54	ng/ul	99
72) Anthracene	17.05	178	72072m	6.28	ng/ul	
77) Fluoranthene	19.00	202	444686	35.08	ng/ul#	95
80) Pyrene	19.37	202	431699	23.28	ng/ul#	93
83) Benzo(a)anthracene	21.13	228	195711	11.89	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.06	149	167035	16.43	ng/ul	99
85) Chrysene	21.17	228	229738m	15.23	ng/ul	
88) Benzo(b)fluoranthene	22.68	252	309418	17.00	ng/ul#	59
89) Benzo(k)fluoranthene	22.71	252	75656m	4.52	ng/ul	
91) Benzo(a)pyrene	23.23	252	199329	12.24	ng/ul#	45
92) Indeno(1,2,3-cd)pyrene	25.54	276	70406	3.74	ng/ul#	91
94) Benzo(g,h,i)perylene	26.22	276	64717	4.21	ng/ul	97

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

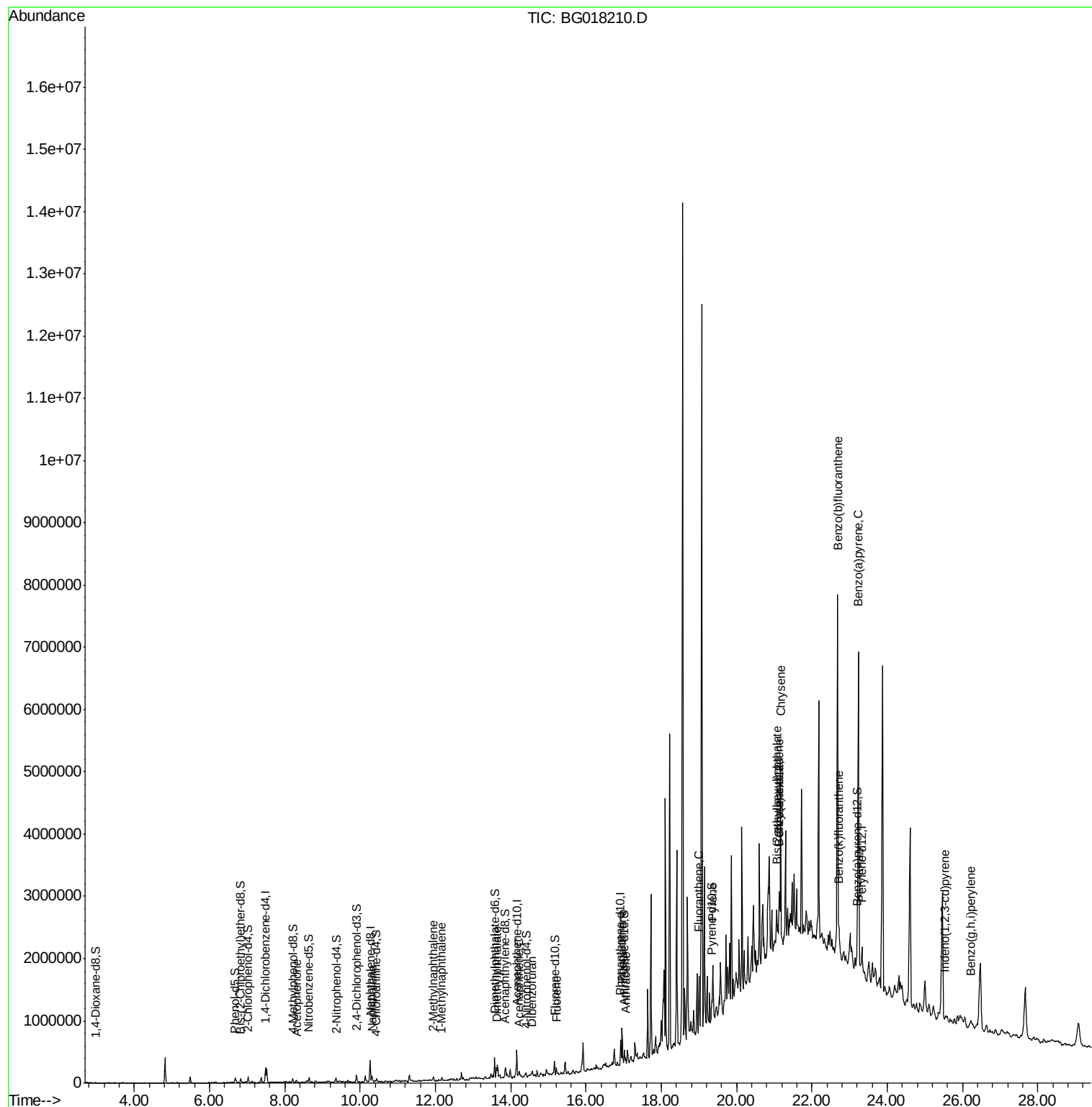
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
Operator : TP/UM
Sample : G3065-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

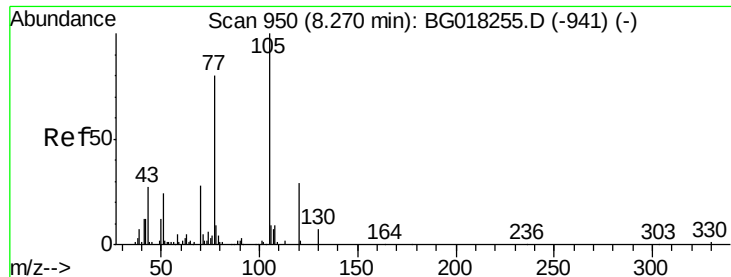
Instrument :
BNA_G
ClientSampleId :
C01Z8

Manual Integrations
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Quant Time: Aug 04 16:54:04 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





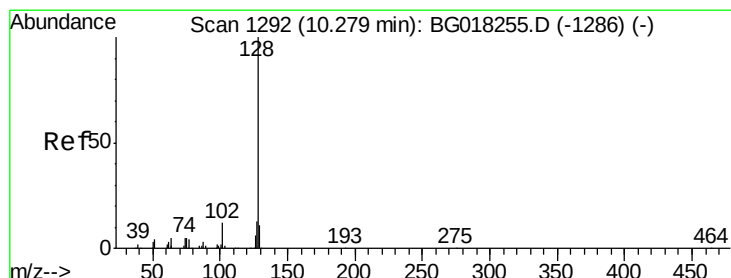
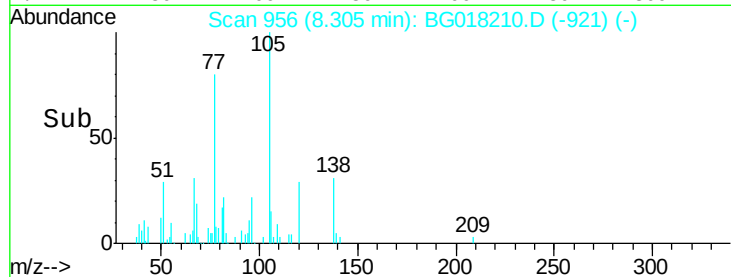
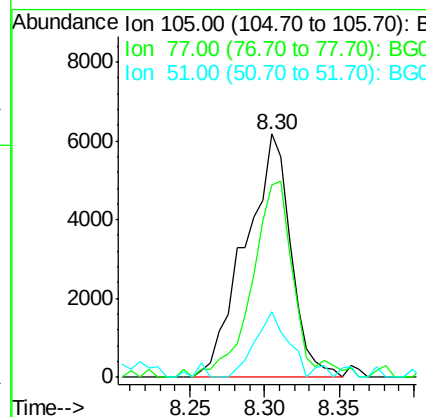
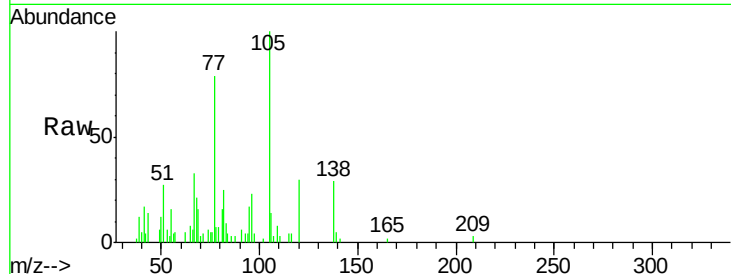
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Acetophenone
Concen: 1.93 ng/ul
RT: 8.30 min Scan# 956
Delta R.T. 0.01 min
Lab File: BG018210.D
Acq: 1 Aug 2015 8:43

Instrument :
BNA_G
ClientSampleId :
C01Z8

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
77	79.1	58.4	87.6
51	26.9	16.5	24.7

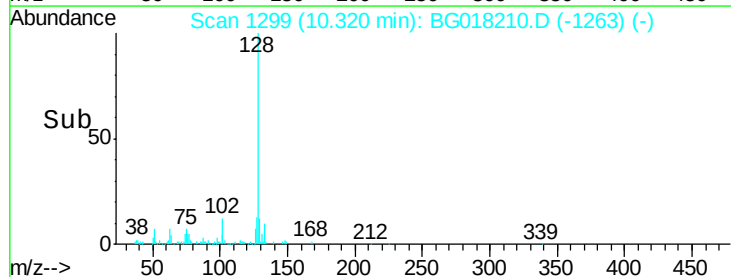
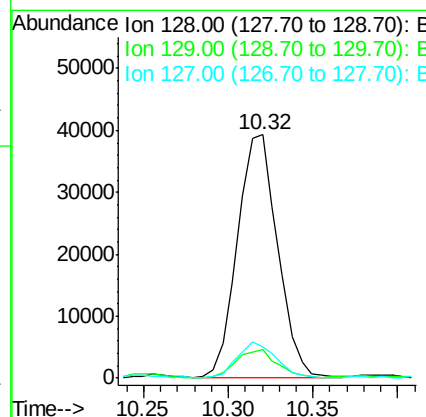
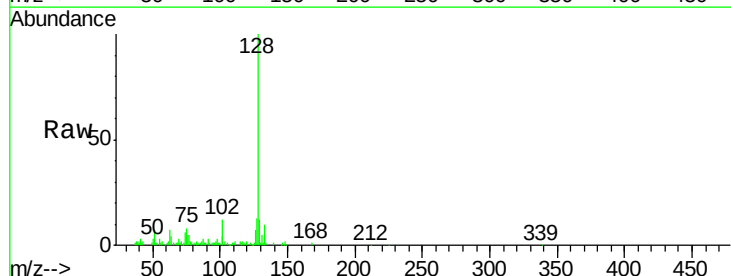
Manual Integrations
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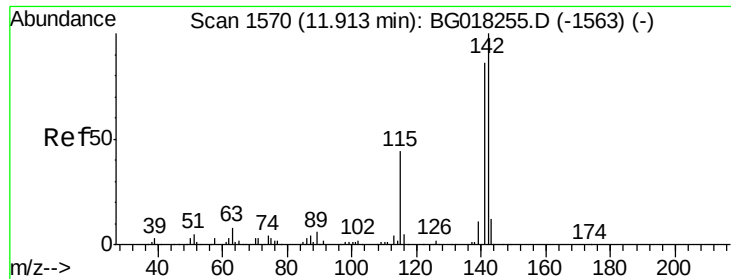
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#28
Naphthalene
Concen: 5.29 ng/ul
RT: 10.32 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BG018210.D
Acq: 1 Aug 2015 8:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	12.0	9.1	13.7
127	12.6	11.2	16.8





#34

2-Methylnaphthalene

Concen: 2.71 ng/ul

RT: 11.95 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BG018210.D

Acq: 1 Aug 2015 8:43

Instrument :

BNA_G

ClientSampleId :

C01Z8

Tgt Ion:142 Resp: 26428

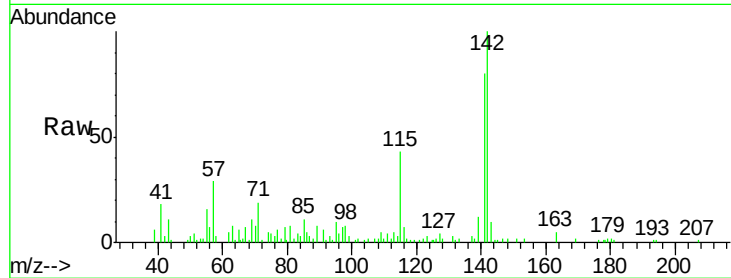
Ion Ratio Lower Upper

142 100

141 79.8 70.3 105.5

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

20000

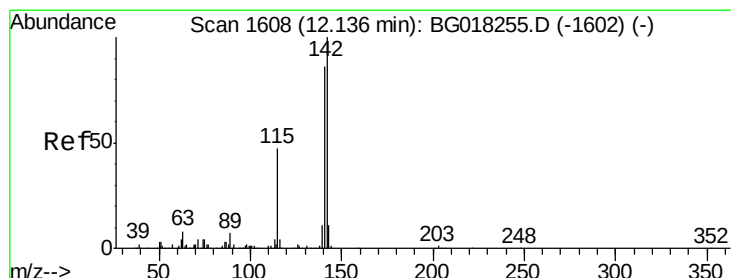
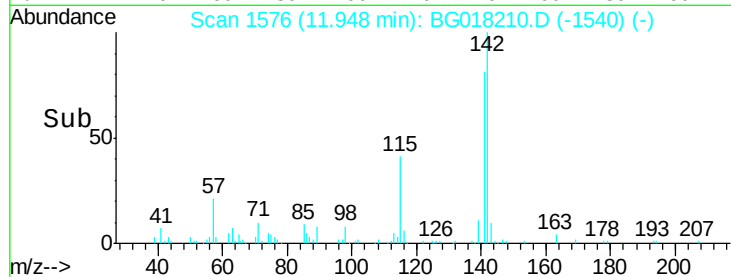
15000

10000

5000

0

Time-->



#35

1-Methylnaphthalene

Concen: 2.31 ng/ul

RT: 12.17 min Scan# 1614

Delta R.T. 0.01 min

Lab File: BG018210.D

Acq: 1 Aug 2015 8:43

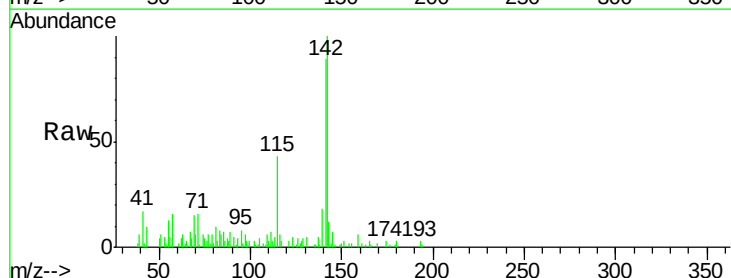
Tgt Ion:142 Resp: 21581

Ion Ratio Lower Upper

142 100

141 88.6 72.5 108.7

116 6.0 2.6 4.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

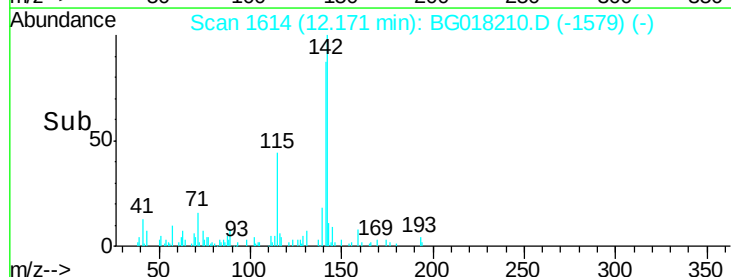
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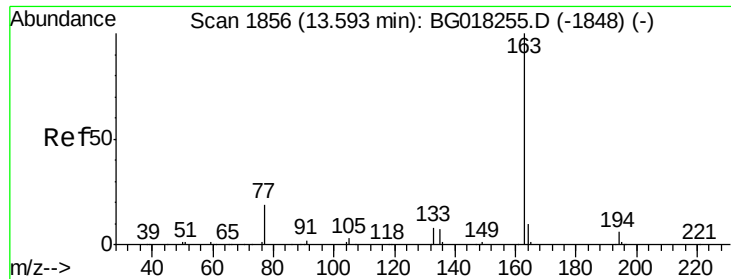
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Time-->





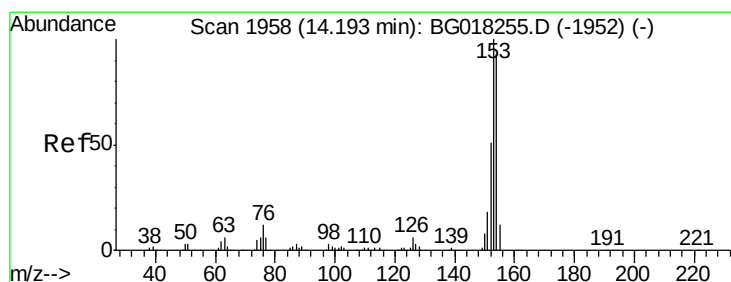
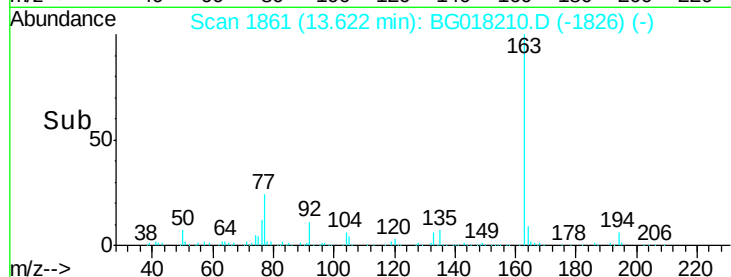
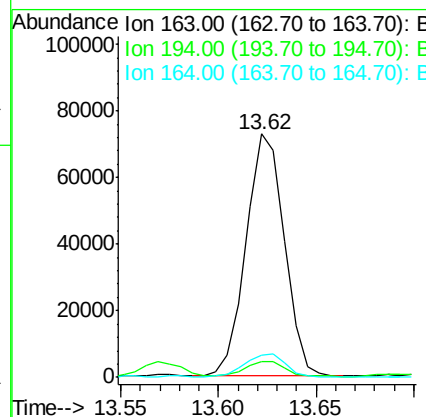
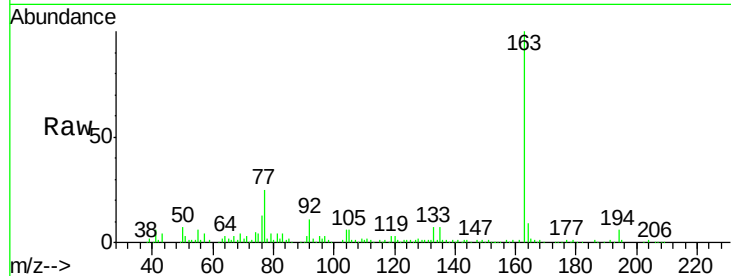
#45
Dimethylphthalate
Concen: 10.38 ng/ul
RT: 13.62 min Scan# 1861
Delta R.T. 0.01 min
Lab File: BG018210.D
Acq: 1 Aug 2015 8:43

Instrument :
BNA_G
ClientSampled :
C01Z8

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	6.4	5.2	7.8
164	8.9	8.4	12.6

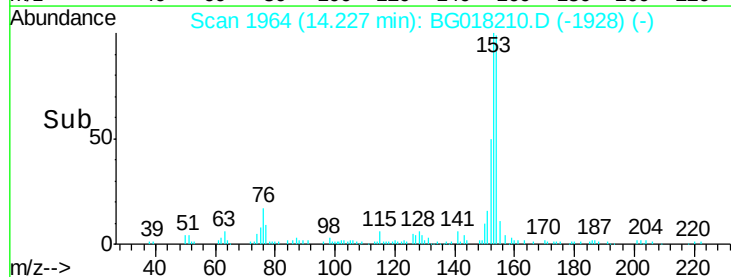
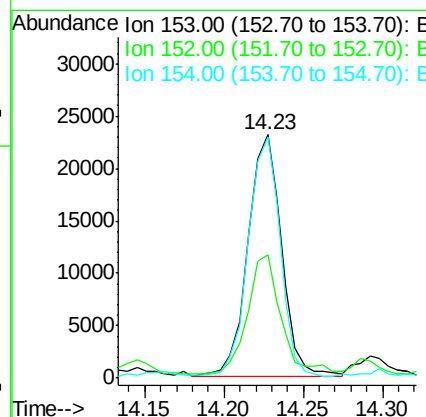
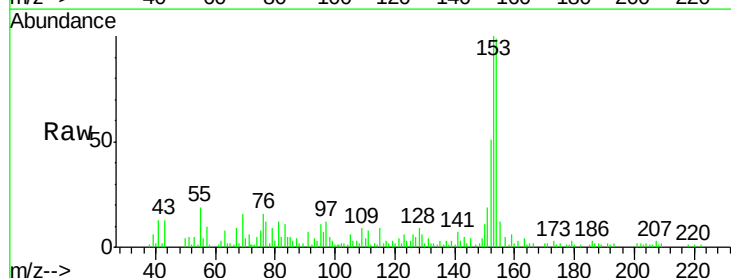
Manual Integrations
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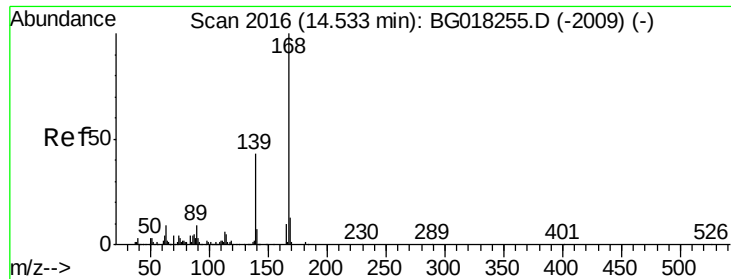
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#50
Acenaphthene
Concen: 4.73 ng/ul
RT: 14.23 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BG018210.D
Acq: 1 Aug 2015 8:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
153	100		
152	50.9	38.7	58.1
154	99.2	74.8	112.2





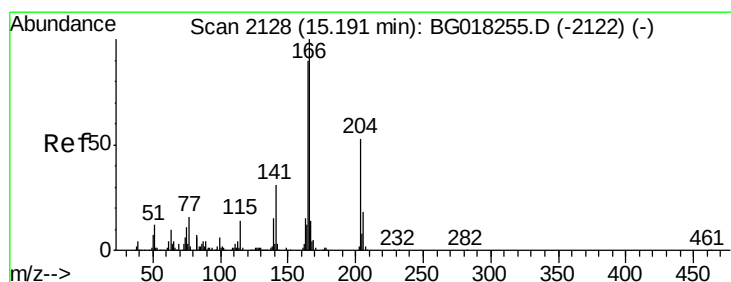
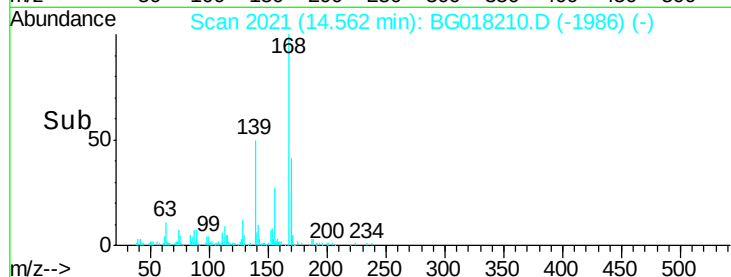
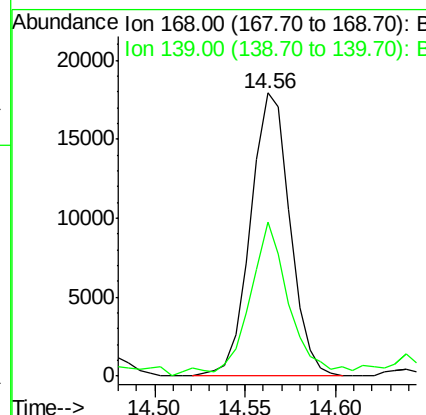
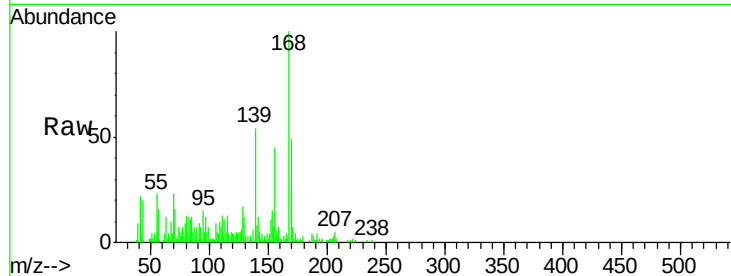
#54
Dibenzenofuran
Concen: 2.51 ng/ul
RT: 14.56 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BG018210.D
Acq: 1 Aug 2015 8:43

Instrument :
BNA_G
ClientSampleId :
C01Z8

Tgt Ion	Ratio	Lower	Upper
168	100		
139	54.4	26.8	40.2#

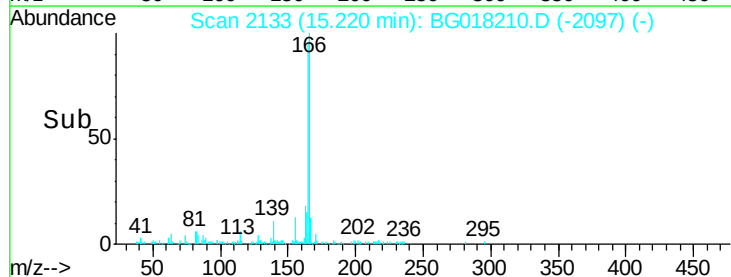
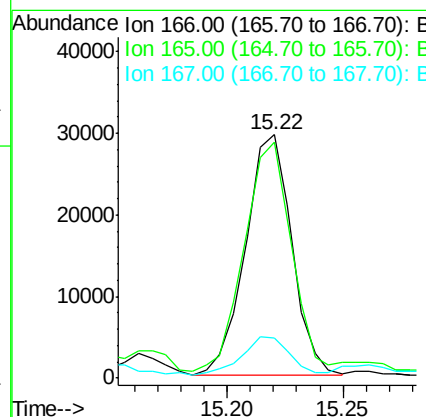
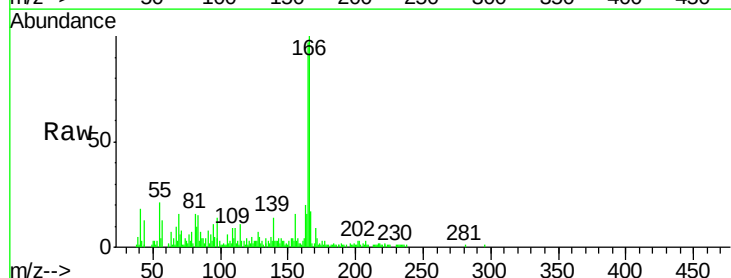
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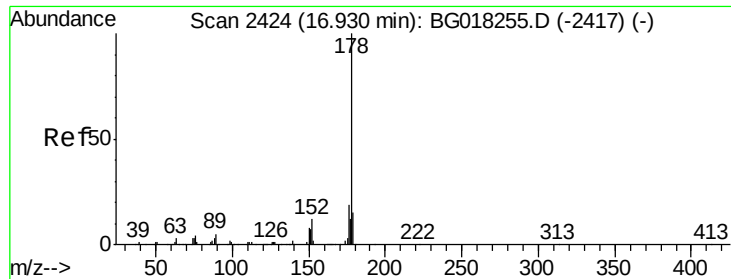
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#59
Fluorene
Concen: 4.40 ng/ul
RT: 15.22 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BG018210.D
Acq: 1 Aug 2015 8:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	75.1	112.7
167	16.6	11.8	17.6





#70

Phenanthrene

Concen: 28.54 ng/ul

RT: 16.97 min Scan# 2430

Delta R.T. 0.02 min

Lab File: BG018210.D

Acq: 1 Aug 2015 8:43

Instrument :

BNA_G

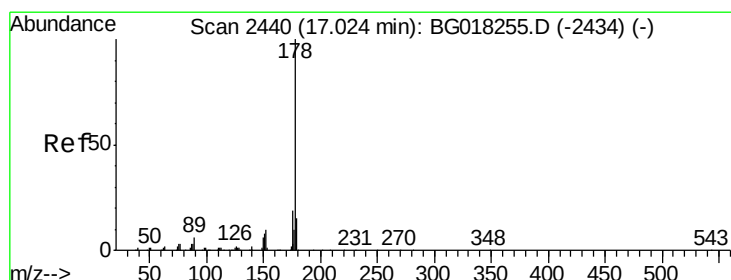
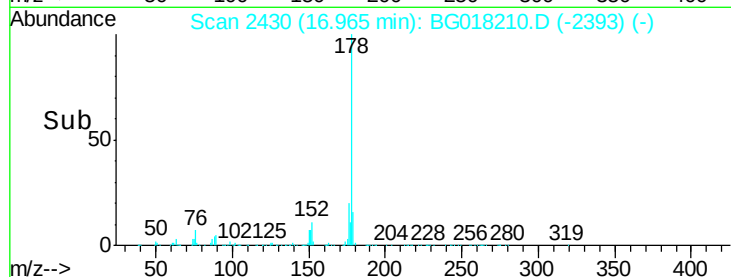
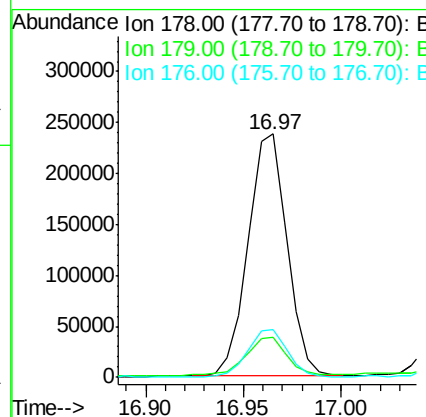
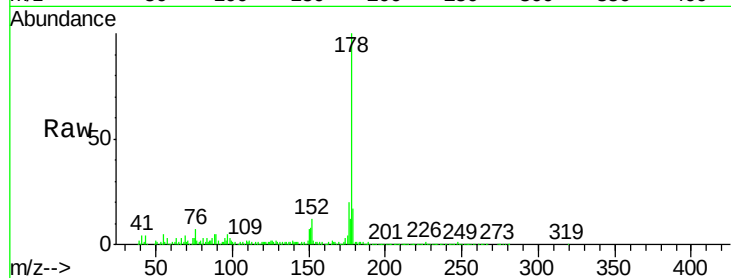
ClientSampleId :

C01Z8

Tgt Ion:	178	Resp:	329437
Ion Ratio		Lower	Upper
178	100		
179	16.6	12.8	19.2
176	19.8	16.0	24.0

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#72

Anthracene

Concen: 6.28 ng/ul m

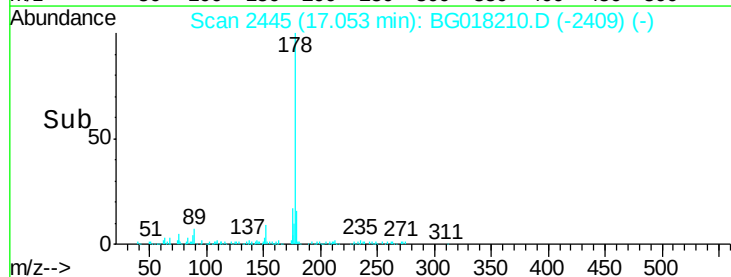
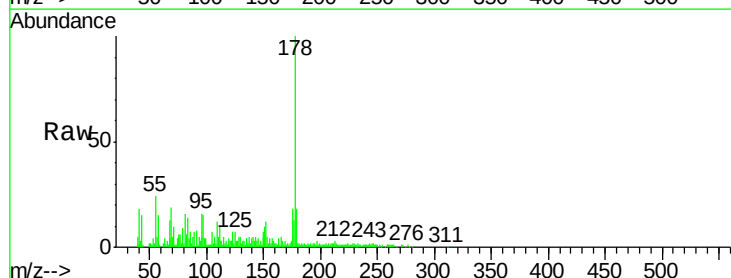
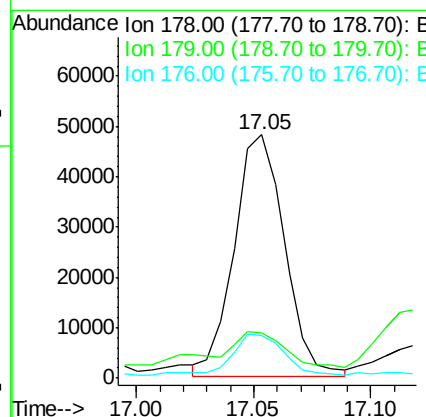
RT: 17.05 min Scan# 2445

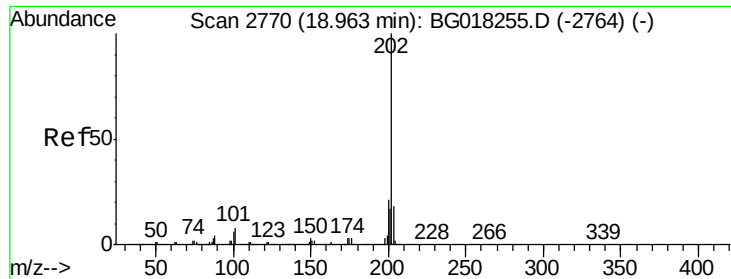
Delta R.T. 0.01 min

Lab File: BG018210.D

Acq: 1 Aug 2015 8:43

Tgt Ion:	178	Resp:	72072
Ion Ratio		Lower	Upper
178	100		
179	18.4	12.2	18.2#
176	17.6	14.8	22.2





#77

Fluoranthene

Concen: 35.08 ng/ul

RT: 19.00 min Scan# 2777

Delta R.T. 0.02 min

Lab File: BG018210.D

Acq: 1 Aug 2015 8:43

Instrument :

BNA_G

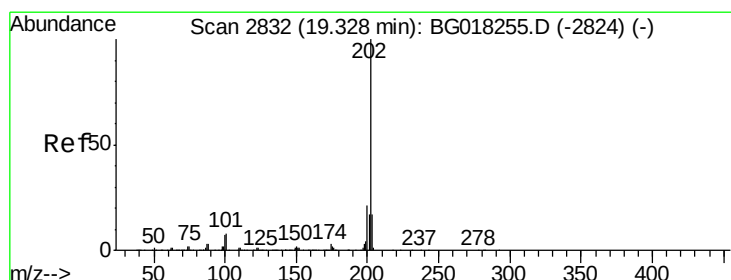
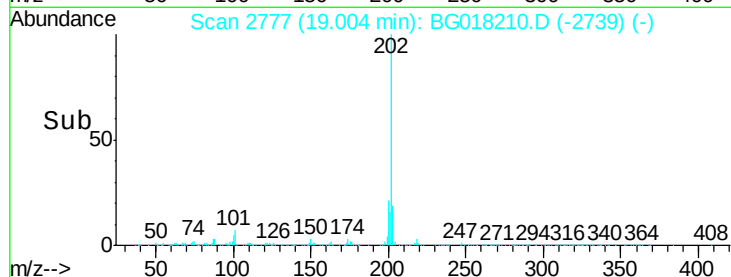
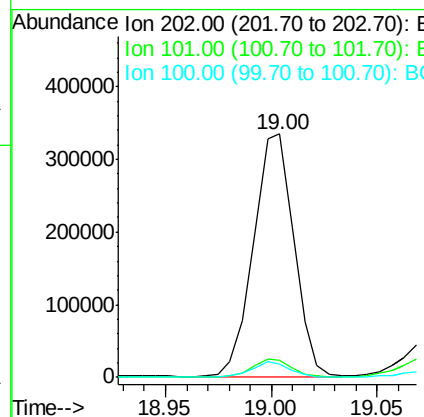
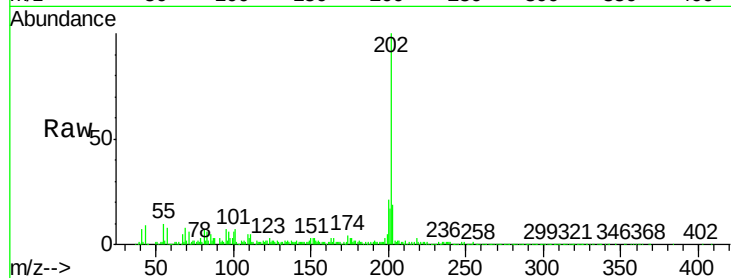
ClientSampleId :

C01Z8

Tgt	Ion	202	Resp:	444686
Ion	Ratio	Lower	Upper	
202	100			
101	7.0	7.5	11.3#	
100	5.7	5.5	8.3	

Manual Integrations
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#80

Pyrene

Concen: 23.28 ng/ul

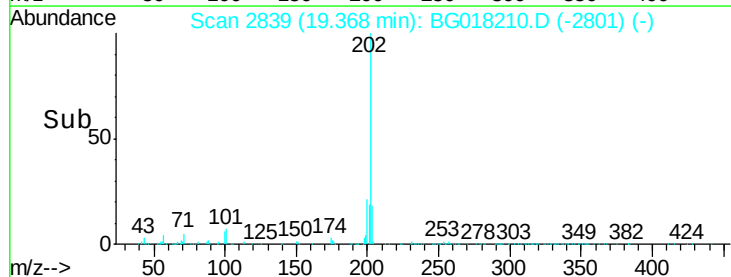
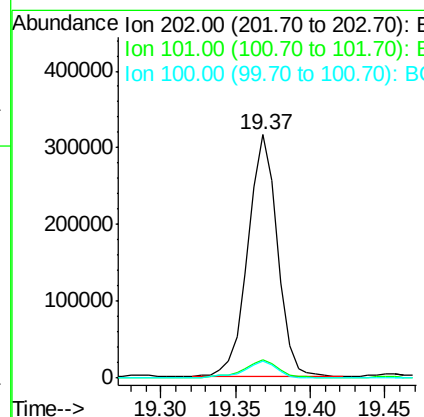
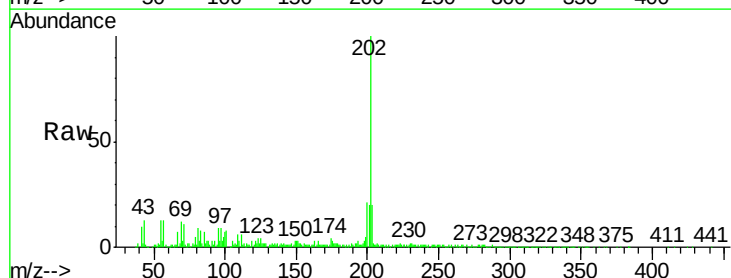
RT: 19.37 min Scan# 2839

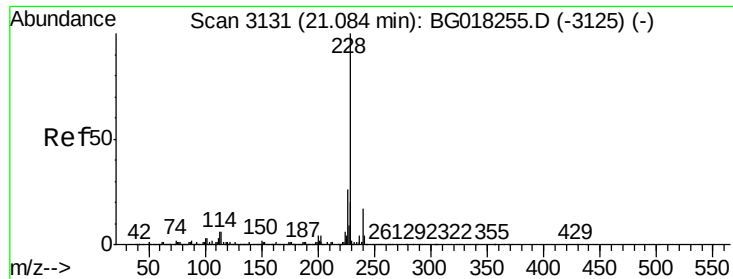
Delta R.T. 0.02 min

Lab File: BG018210.D

Acq: 1 Aug 2015 8:43

Tgt	Ion	202	Resp:	431699
Ion	Ratio	Lower	Upper	
202	100			
101	7.6	8.1	12.1#	
100	7.0	7.4	11.0#	





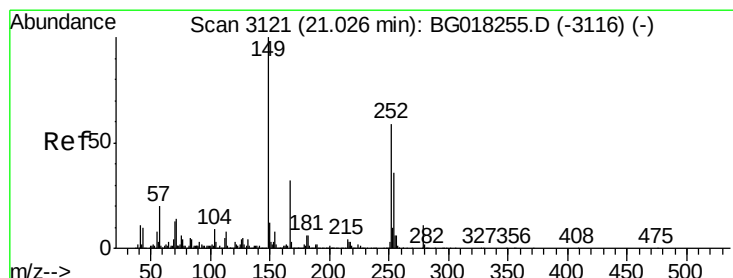
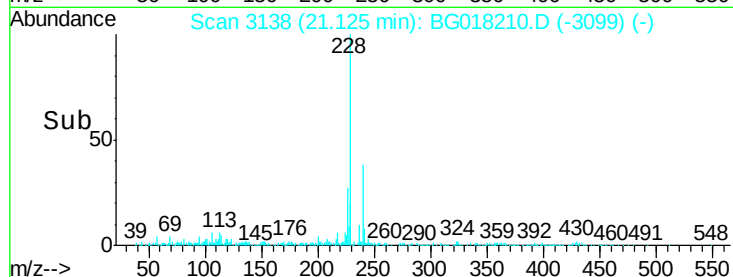
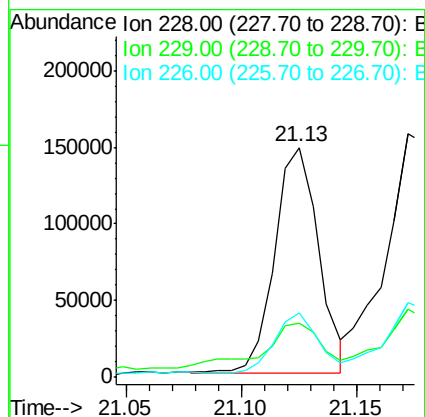
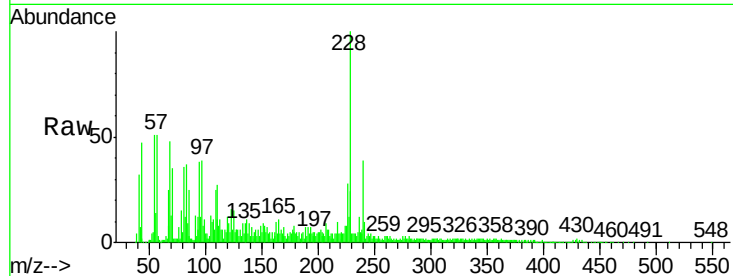
#83
Benzo(a)anthracene
Concen: 11.89 ng/ul
RT: 21.13 min Scan# 3138
Delta R.T. 0.03 min
Lab File: BG018210.D
Acq: 1 Aug 2015 8:43

Instrument :
BNA_G
ClientSampleId :
C01Z8

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.7	16.5	24.7
226	28.2	21.5	32.3

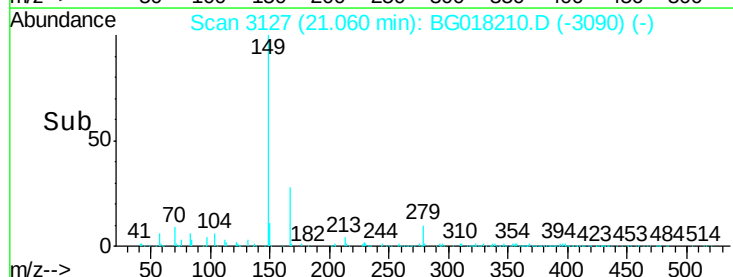
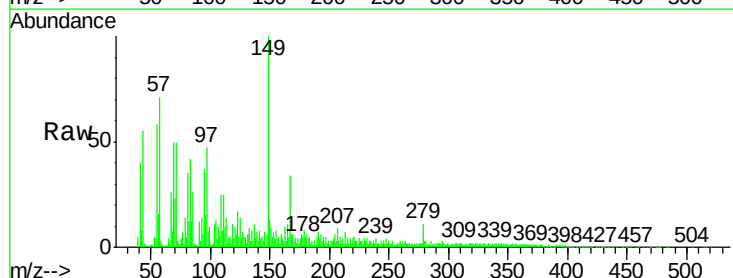
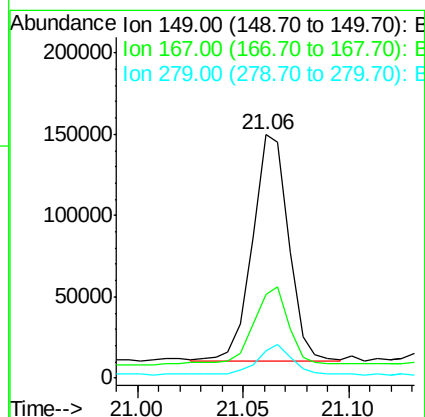
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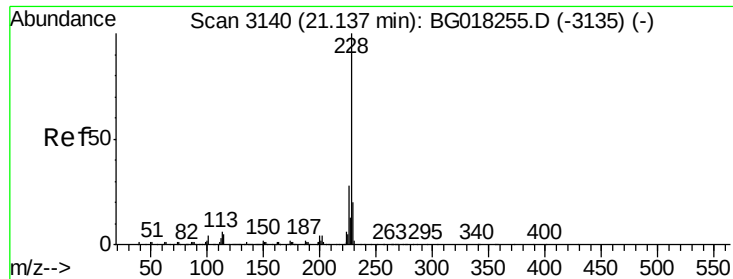
MMDadoda
8/4/2015 12:23:40 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 16.43 ng/ul
RT: 21.06 min Scan# 3127
Delta R.T. 0.02 min
Lab File: BG018210.D
Acq: 1 Aug 2015 8:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	34.1	27.4	41.2
279	11.4	8.3	12.5





#85

Chrysene

Concen: 15.23 ng/ul m

RT: 21.17 min Scan# 3146

Delta R.T. 0.02 min

Lab File: BG018210.D

Acq: 1 Aug 2015 8:43

Instrument :

BNA_G

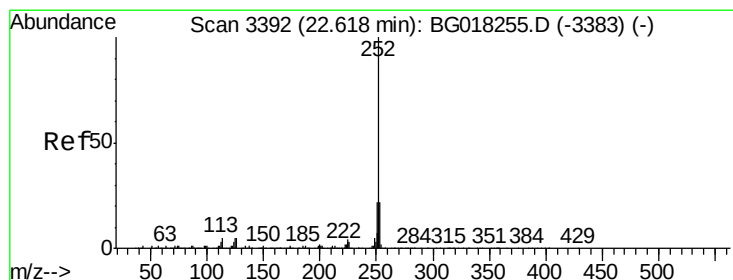
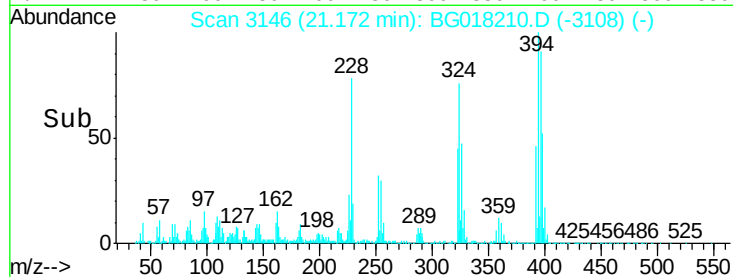
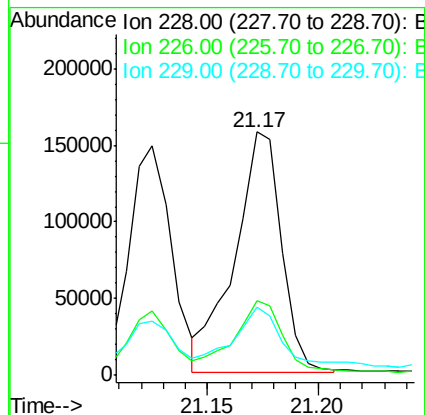
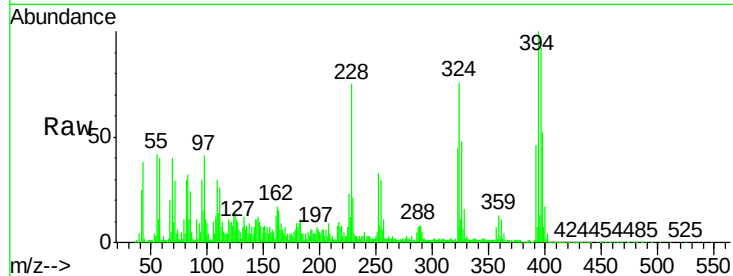
ClientSampleId :

C01Z8

Tgt Ion:	228	Resp:	229738
Ion Ratio	Lower	Upper	
228	100		
226	30.8	22.7	34.1
229	27.9	16.2	24.2#

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8/4/2015 12:23:40 PM



#88

Benzo(b)fluoranthene

Concen: 17.00 ng/ul

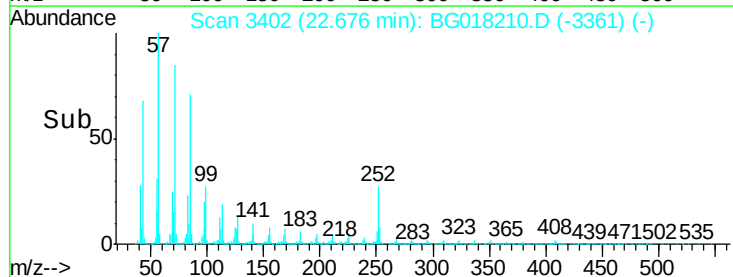
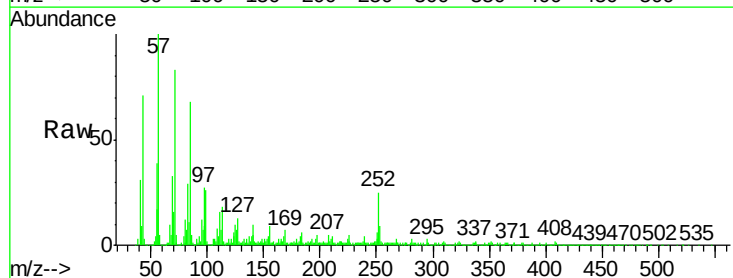
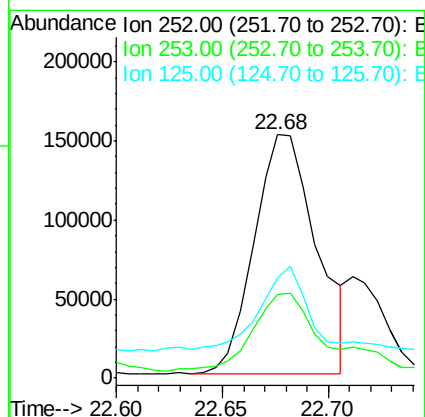
RT: 22.68 min Scan# 3402

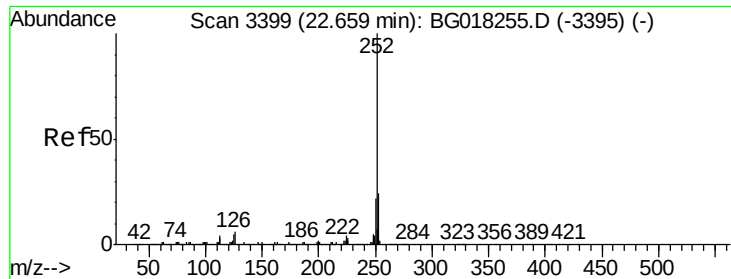
Delta R.T. 0.04 min

Lab File: BG018210.D

Acq: 1 Aug 2015 8:43

Tgt Ion:	252	Resp:	309418
Ion Ratio	Lower	Upper	
252	100		
253	34.1	18.5	27.7#
125	41.1	7.4	11.0#





#89

Benzo(k)fluoranthene

Concen: 4.52 ng/ul m

RT: 22.71 min Scan# 3408

Delta R.T. 0.04 min

Lab File: BG018210.D

Acq: 1 Aug 2015 8:43

Instrument :

BNA_G

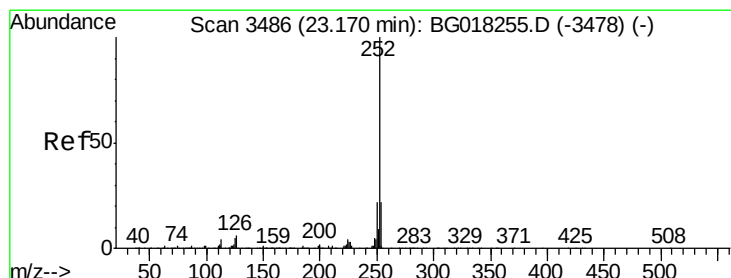
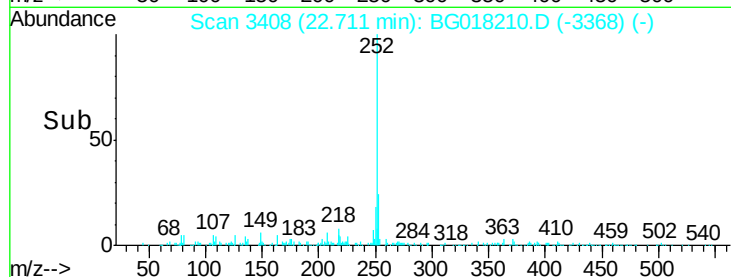
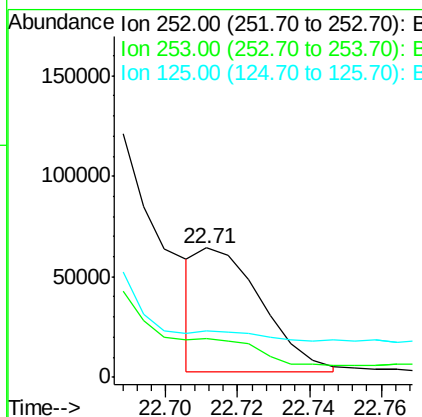
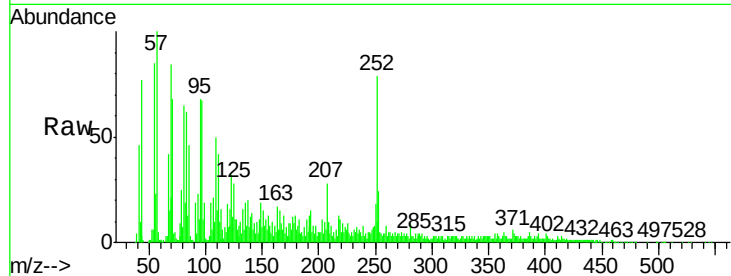
ClientSampled :

C01Z8

Tgt Ion:	252	Resp:	75656
Ion Ratio	Lower	Upper	
252	100		
253	30.1	18.2	27.2#
125	36.1	7.5	11.3#

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8/4/2015 12:23:40 PM



#91

Benzo(a)pyrene

Concen: 12.24 ng/ul

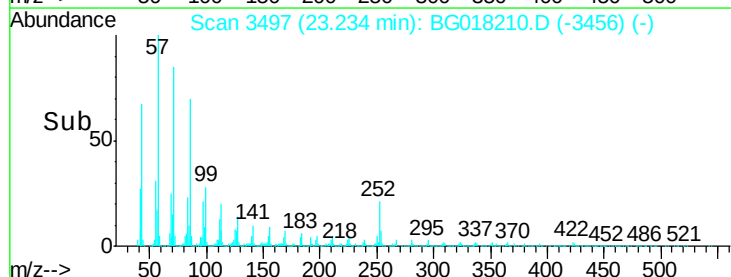
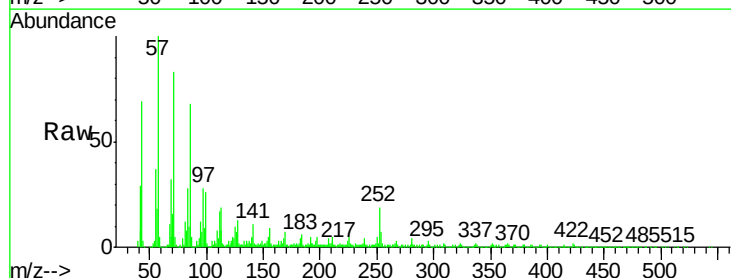
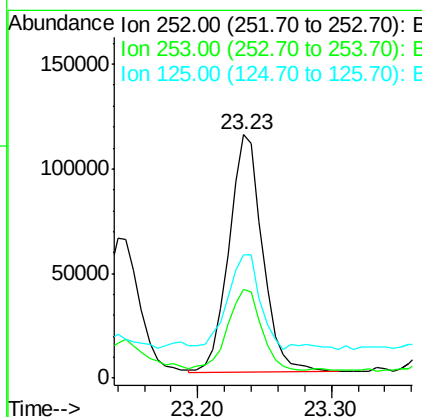
RT: 23.23 min Scan# 3497

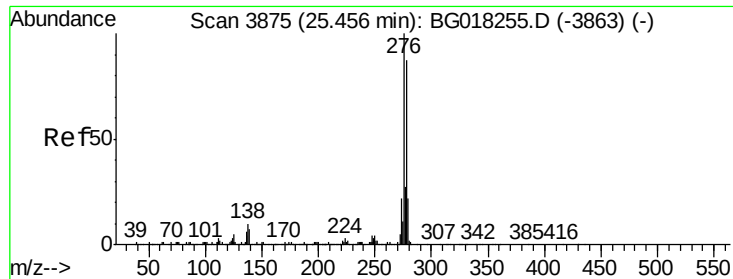
Delta R.T. 0.04 min

Lab File: BG018210.D

Acq: 1 Aug 2015 8:43

Tgt Ion:	252	Resp:	199329
Ion Ratio	Lower	Upper	
252	100		
253	36.4	17.4	26.2#
125	50.4	7.3	10.9#





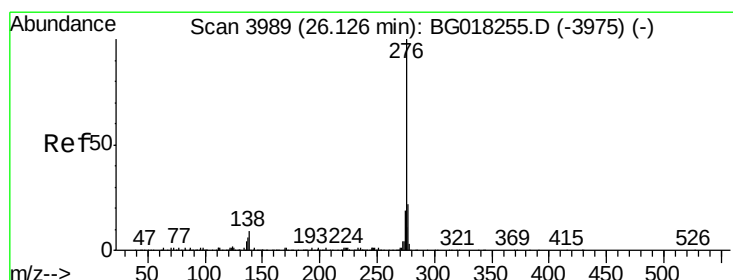
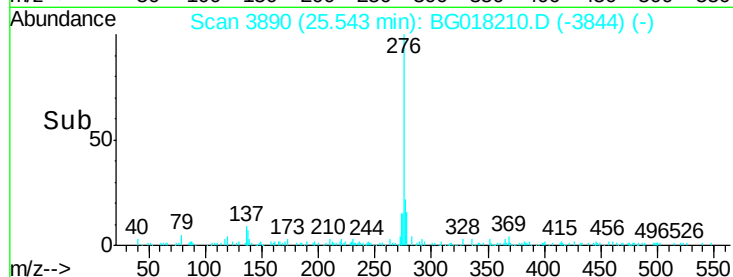
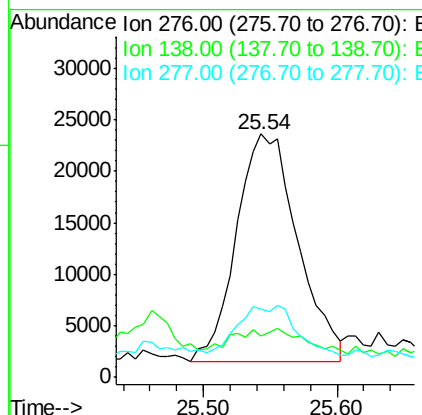
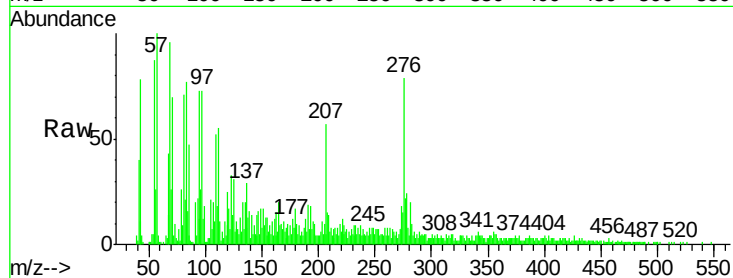
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 3.74 ng/ul
 RT: 25.54 min Scan# 3890
 Delta R.T. 0.07 min
 Lab File: BG018210.D
 Acq: 1 Aug 2015 8:43

Instrument :
 BNA_G
 ClientSampleId :
 C01Z8

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.8	17.2	25.8#
277	28.1	19.5	29.3

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#94
 Benzo(g,h,i)perylene
 Concen: 4.21 ng/ul
 RT: 26.22 min Scan# 4006
 Delta R.T. 0.08 min
 Lab File: BG018210.D
 Acq: 1 Aug 2015 8:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.6	15.1	22.7
277	25.8	19.8	29.6

