

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081015\
 Data File : BG018365.D
 Acq On : 10 Aug 2015 22:12
 Operator : UM/MA
 Sample : G3109-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P4

Manual Integrations
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 8/11/2015 9:13:15 AM

Quant Time: Aug 14 02:59:10 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 11 01:39:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	135742	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	596864	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	371538	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	777681	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	680581	20.00	ng/ul	0.02
86) Perylene-d12	24.91	264	709321	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	5804	1.89	ng/uL	0.00
5) Phenol-d5	7.19	99	109683	8.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	117639	15.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	97014	10.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	14571	1.41	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	72441	15.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	77447	16.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	67647	6.73	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.07	166	490966	15.71	ng/ul	0.00
47) Acenaphthylene-d8	14.35	160	594065	15.09	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	59880	10.65	ng/ul	0.00
58) Fluorene-d10	15.65	176	420171	15.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.76	200	45780	11.97	ng/ul	0.00
71) Anthracene-d10	17.50	188	548350	14.74	ng/ul	0.00
79) Pyrene-d10	19.79	212	534373	15.13	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.69	264	526816	13.99	ng/ul	0.03

Target Compounds

					Qvalue
28) Naphthalene	10.89	128	36795	1.17 ng/ul	98
34) 2-Methylnaphthalene	12.50	142	45770	2.00 ng/ul	95
45) Dimethylphthalate	14.11	163	185712	6.02 ng/ul#	96
59) Fluorene	15.71	166	50321	1.62 ng/ul	97
70) Phenanthrene	17.45	178	408541	9.68 ng/ul	99
72) Anthracene	17.54	178	197424	4.59 ng/ul	100
75) Carbazole	17.80	167	67499	1.79 ng/ul#	96
76) Di-n-butylphthalate	18.37	149	76841	1.56 ng/ul#	94
77) Fluoranthene	19.46	202	690884	15.33 ng/ul	99
80) Pyrene	19.82	202	595370	12.94 ng/ul	98
83) Benzo(a)anthracene	21.66	228	318158m	7.54 ng/ul	
85) Chrysene	21.72	228	333091	8.44 ng/ul	97
88) Benzo(b)fluoranthene	23.88	252	418826	9.40 ng/ul#	88
89) Benzo(k)fluoranthene	23.94	252	159789m	3.72 ng/ul	
91) Benzo(a)pyrene	24.75	252	277158	6.54 ng/ul#	86
92) Indeno(1,2,3-cd)pyrene	28.59	276	218738	4.46 ng/ul#	90
94) Benzo(g,h,i)perylene	29.74	276	199863	4.85 ng/ul#	91

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

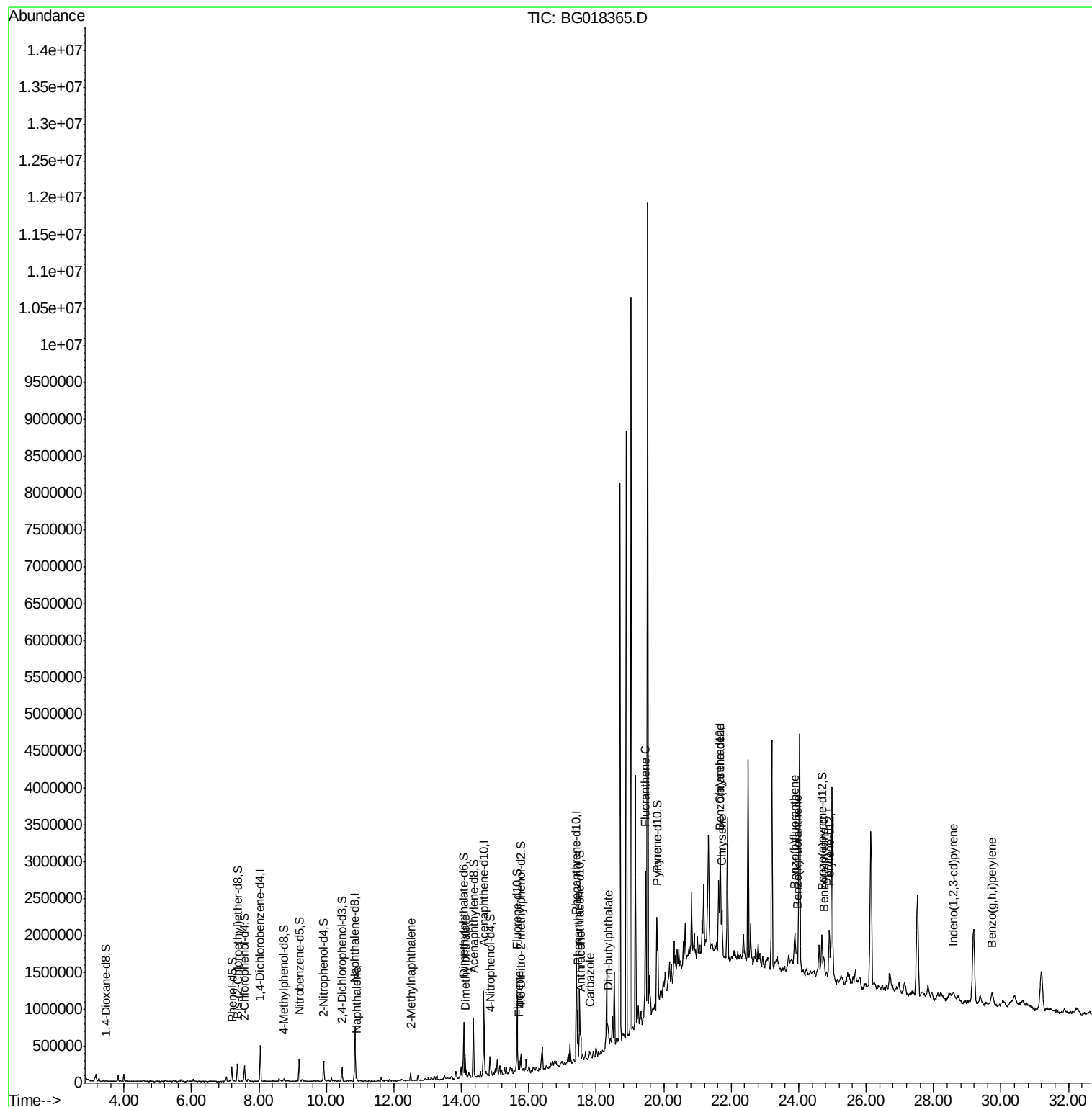
Data Path : Z:\HPCHEM1\BNA_G\Data\BG081015\
Data File : BG018365.D
Acq On : 10 Aug 2015 22:12
Operator : UM/MA
Sample : G3109-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

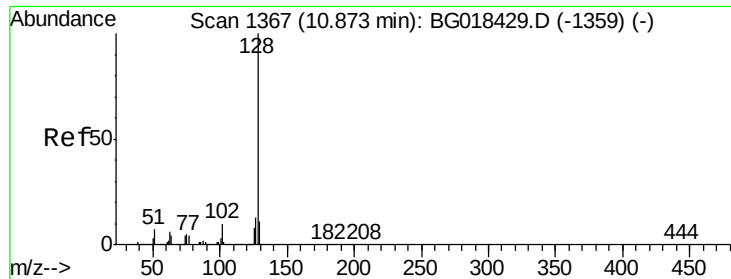
Instrument :
BNA_G
ClientSampled :
C01P4

Manual Integrations
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Quant Time: Aug 14 02:59:10 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 11 01:39:57 2015
Response via : Initial Calibration





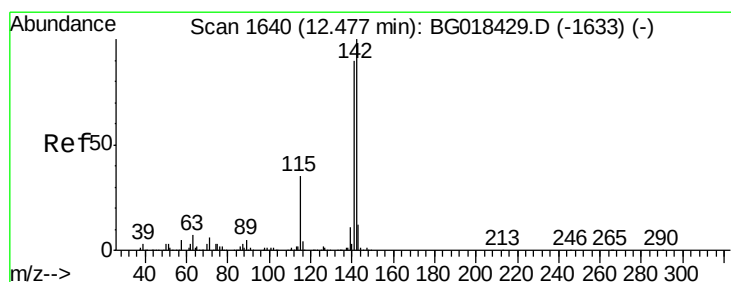
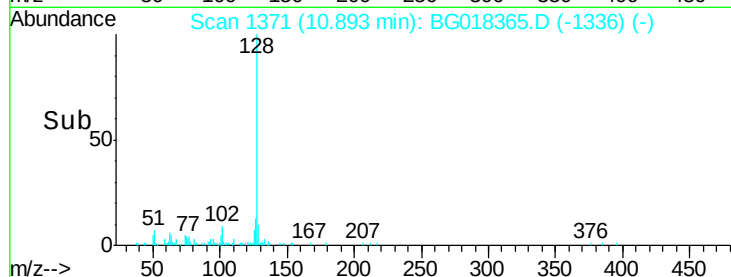
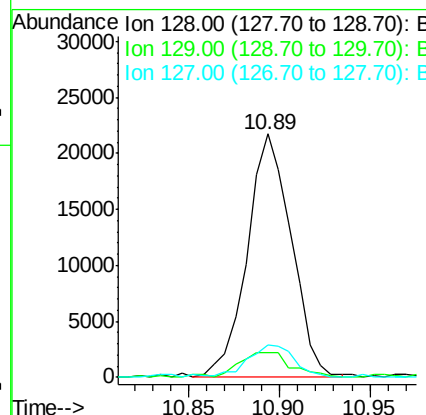
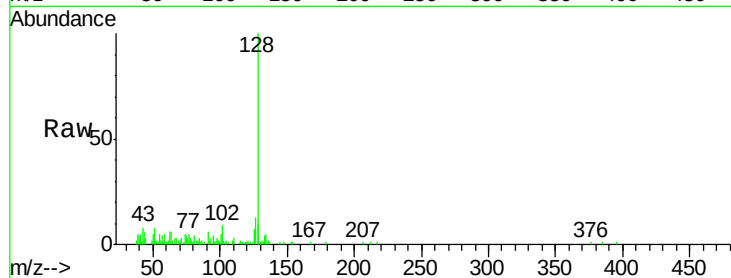
#28
Naphthalene
Concen: 1.17 ng/ul
RT: 10.89 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BG018365.D
Acq: 10 Aug 2015 22:12

Instrument :
BNA_G
ClientSampleId :
C01P4

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	36795		
129	10.3		9.6	14.4
127	13.3		10.5	15.7

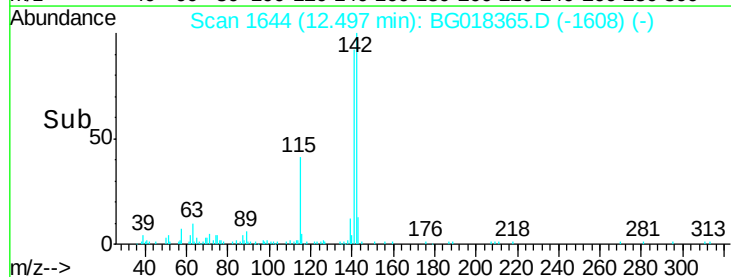
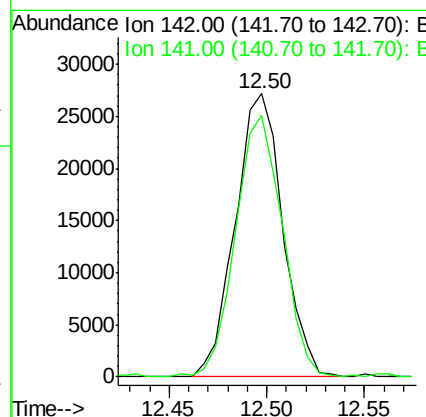
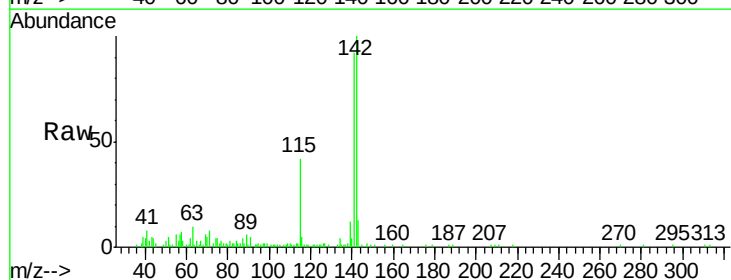
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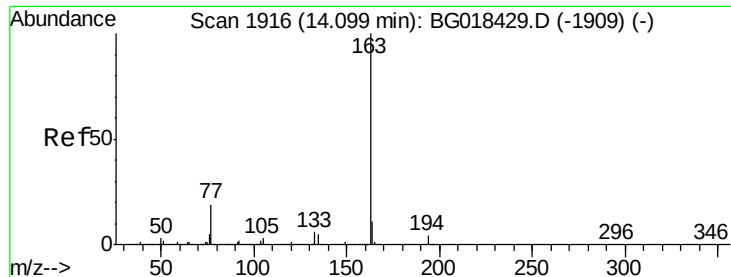
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#34
2-Methylnaphthalene
Concen: 2.00 ng/ul
RT: 12.50 min Scan# 1644
Delta R.T. 0.01 min
Lab File: BG018365.D
Acq: 10 Aug 2015 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	45770		
141	92.3		78.0	117.0





#45

Dimethylphthalate

Concen: 6.02 ng/ul

RT: 14.11 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BG018365.D

Acq: 10 Aug 2015 22:12

Instrument :

BNA_G

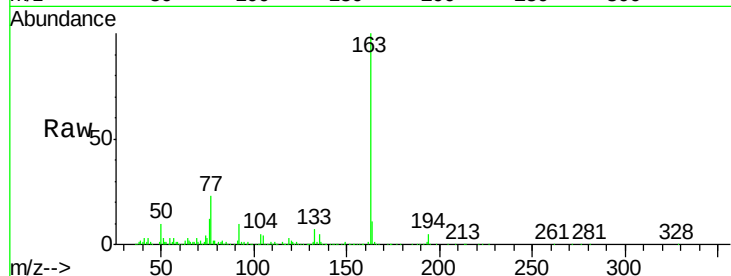
ClientSampleId :

C01P4

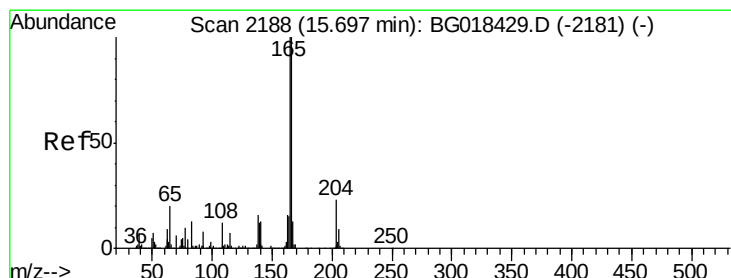
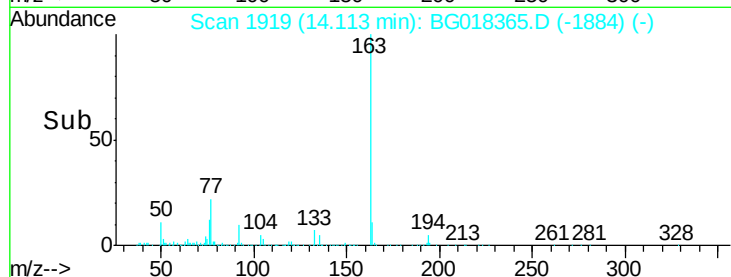
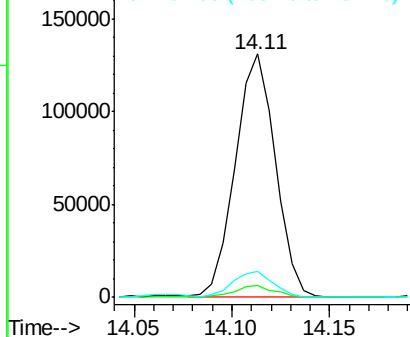
Tgt	Ion	163	Resp:	185712
	Ion	Ratio	Lower	Upper
163	100			
194	4.9	2.9	4.3#	
164	10.9	7.7	11.5	

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#59

Fluorene

Concen: 1.62 ng/ul

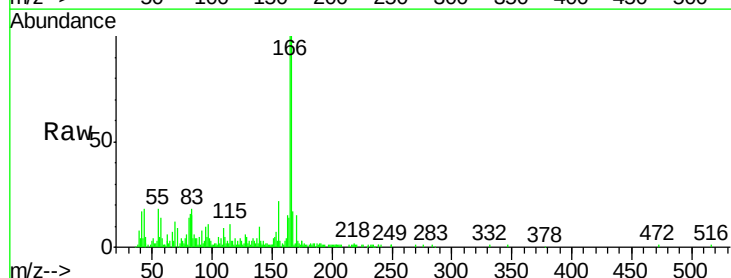
RT: 15.71 min Scan# 2191

Delta R.T. 0.01 min

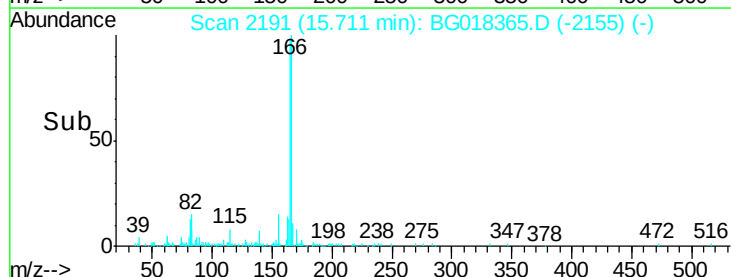
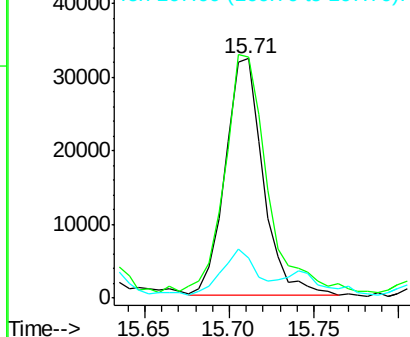
Lab File: BG018365.D

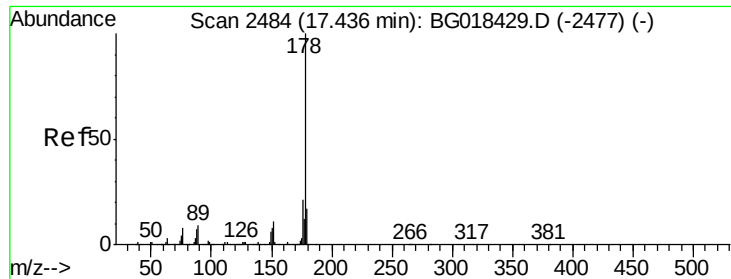
Acq: 10 Aug 2015 22:12

Tgt	Ion	166	Resp:	50321
	Ion	Ratio	Lower	Upper
166	100			
165	100.4	82.6	124.0	
167	16.9	11.4	17.0	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





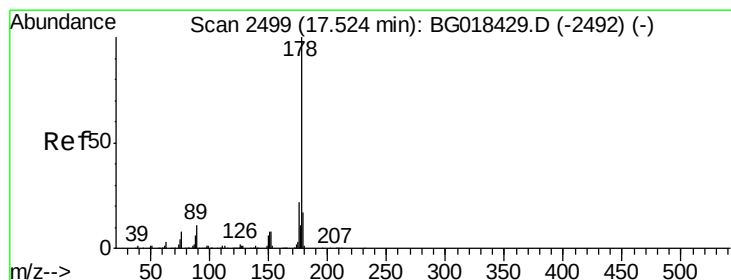
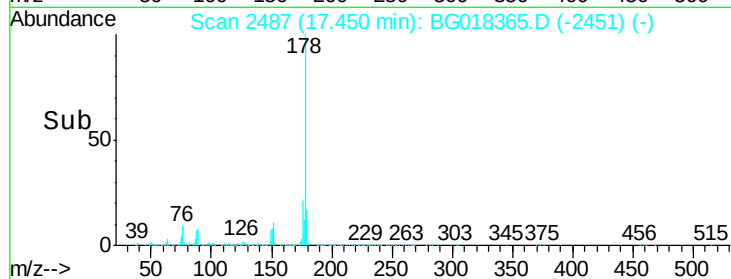
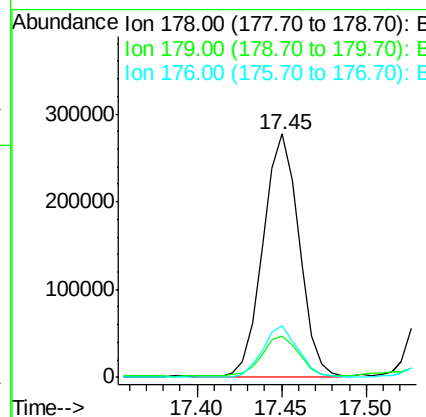
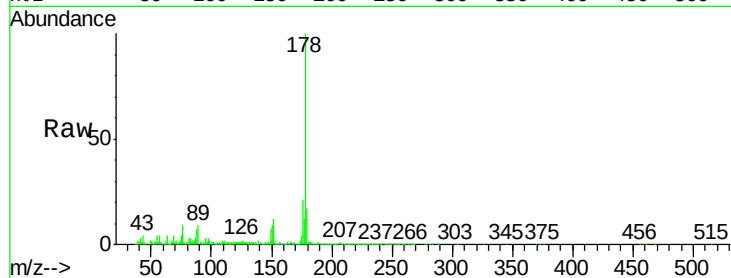
#70
 Phenanthrene
 Concen: 9.68 ng/ul
 RT: 17.45 min Scan# 2487
 Delta R.T. 0.01 min
 Lab File: BG018365.D
 Acq: 10 Aug 2015 22:12

Instrument :
 BNA_G
 ClientSampleId :
 C01P4

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	408541		
179	17.1	13.7	20.5	
176	21.2	16.6	24.8	

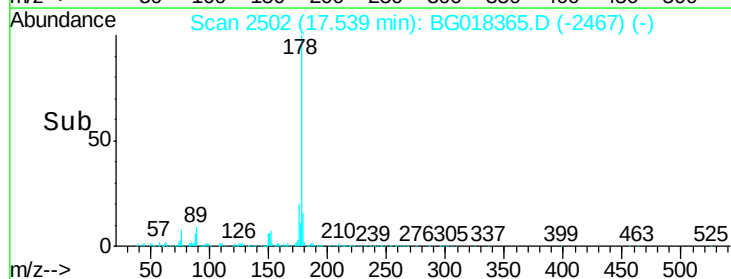
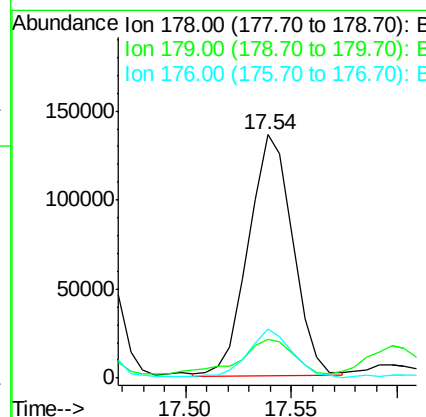
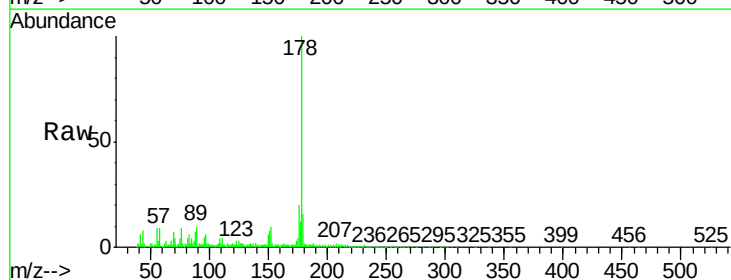
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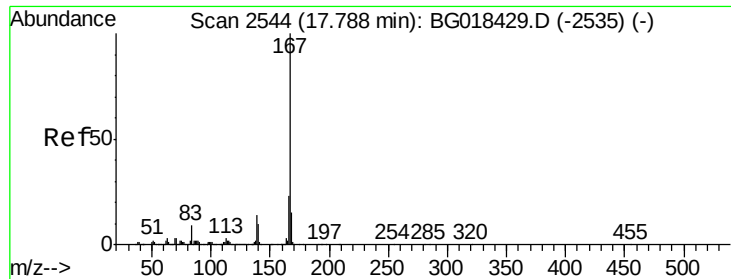
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#72
 Anthracene
 Concen: 4.59 ng/ul
 RT: 17.54 min Scan# 2502
 Delta R.T. 0.00 min
 Lab File: BG018365.D
 Acq: 10 Aug 2015 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	197424		
179	16.0	13.0	19.4	
176	20.1	16.0	24.0	





#75

Carbazole

Concen: 1.79 ng/ul

RT: 17.80 min Scan# 2547

Delta R.T. 0.01 min

Lab File: BG018365.D

Acq: 10 Aug 2015 22:12

Instrument :

BNA_G

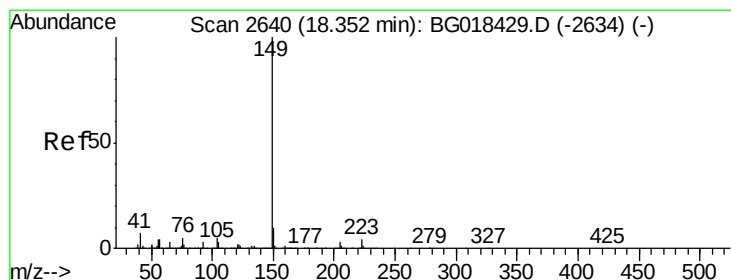
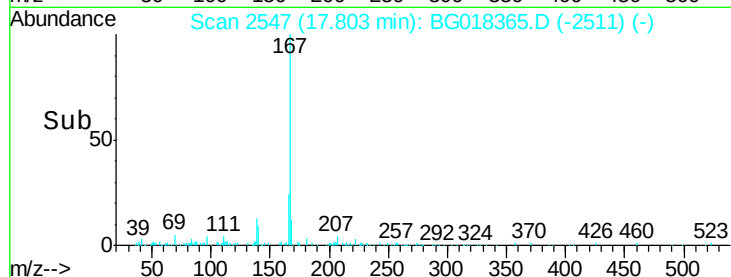
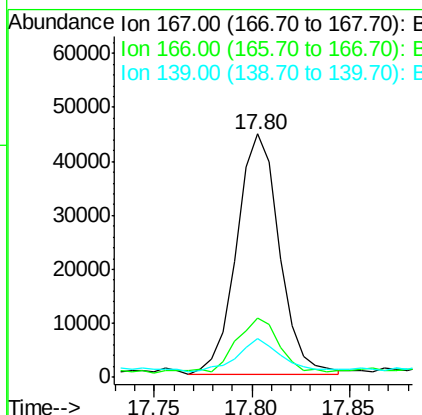
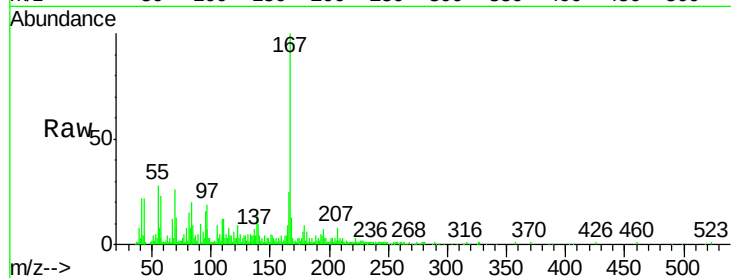
ClientSampleId :

C01P4

Tgt Ion:	167	Resp:	67499
Ion Ratio	Lower	Upper	
167	100		
166	24.6	18.9	28.3
139	16.2	10.1	15.1

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#76

Di-n-butylphthalate

Concen: 1.56 ng/ul

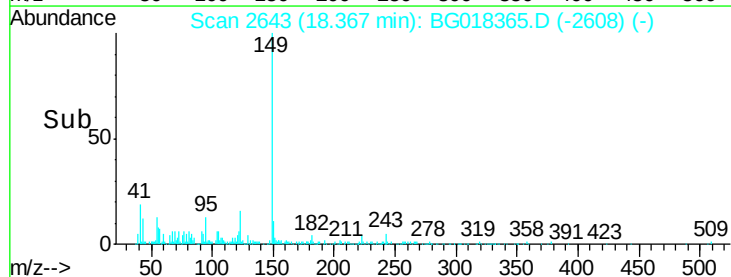
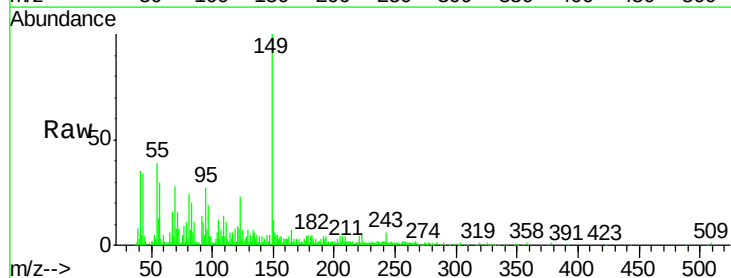
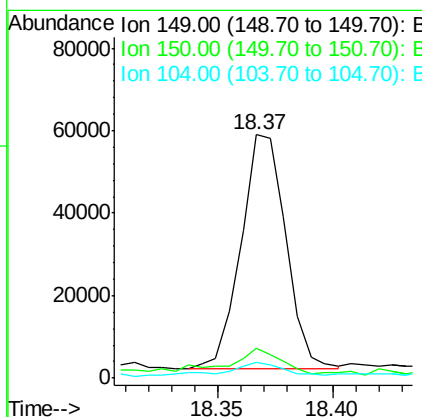
RT: 18.37 min Scan# 2643

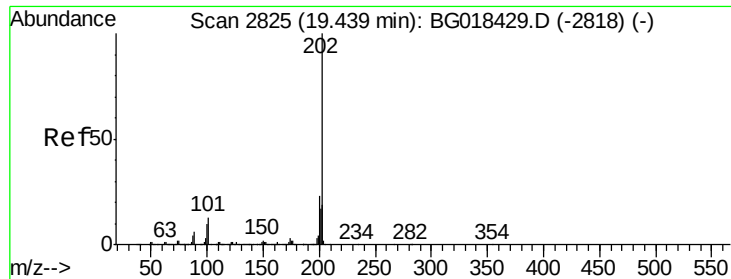
Delta R.T. 0.00 min

Lab File: BG018365.D

Acq: 10 Aug 2015 22:12

Tgt Ion:	149	Resp:	76841
Ion Ratio	Lower	Upper	
149	100		
150	12.1	7.5	11.3
104	6.2	4.3	6.5





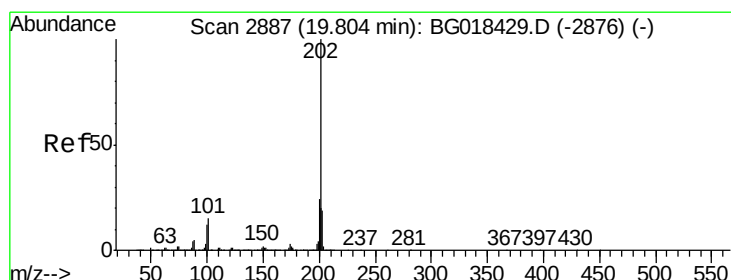
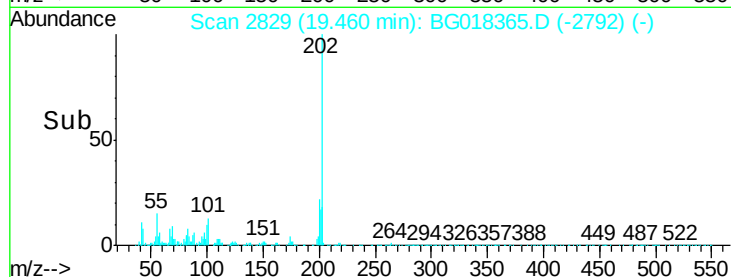
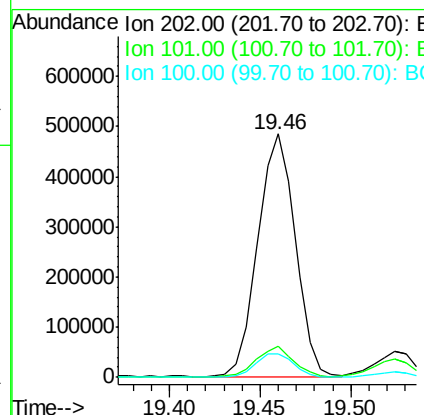
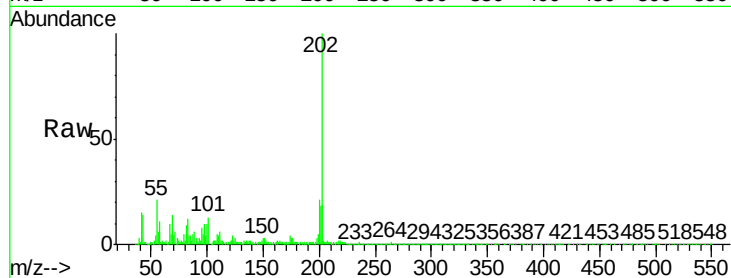
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Fluoranthene
Concen: 15.33 ng/ul
RT: 19.46 min Scan# 2829
Delta R.T. 0.02 min
Lab File: BG018365.D
Acq: 10 Aug 2015 22:12

Instrument :
BNA_G
ClientSampleId :
C01P4

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.9	9.7	14.5
100	9.6	7.8	11.8

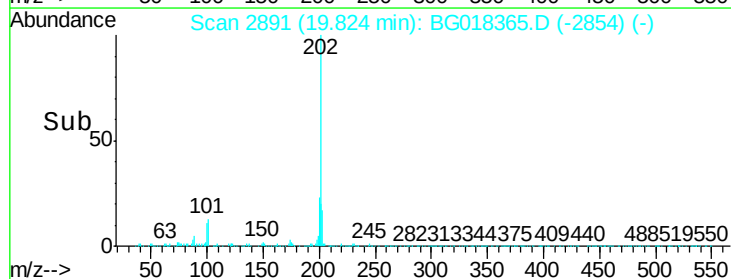
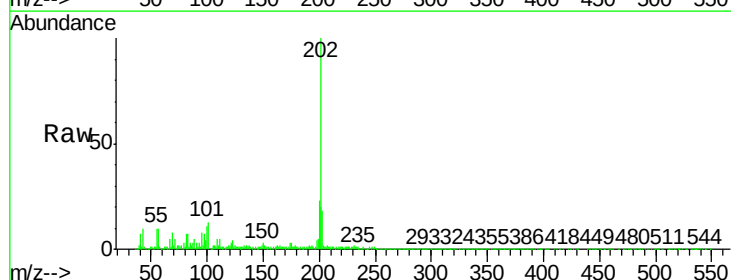
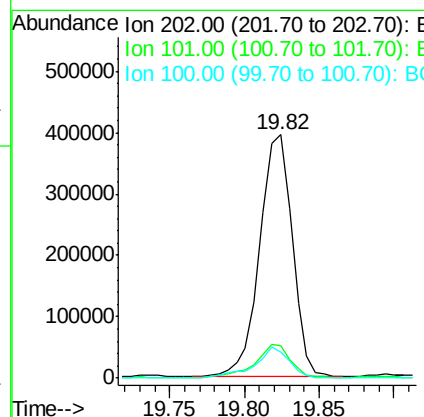
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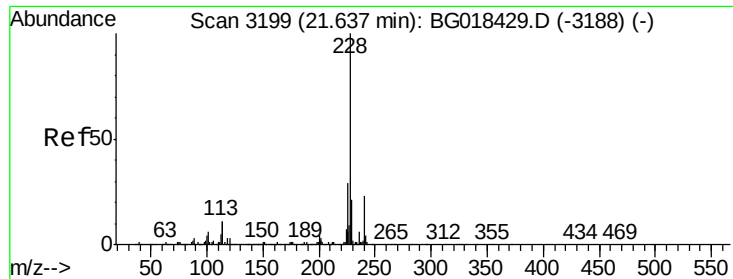
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#80
Pyrene
Concen: 12.94 ng/ul
RT: 19.82 min Scan# 2891
Delta R.T. 0.02 min
Lab File: BG018365.D
Acq: 10 Aug 2015 22:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.5	11.0	16.4
100	10.9	9.8	14.6





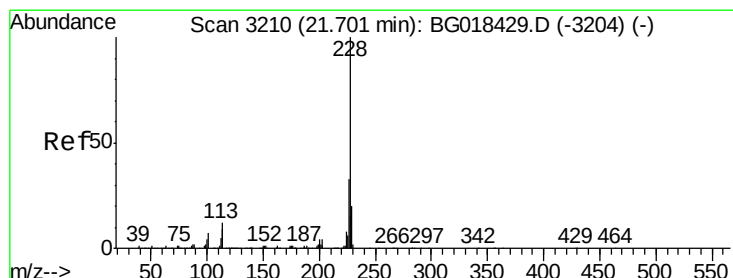
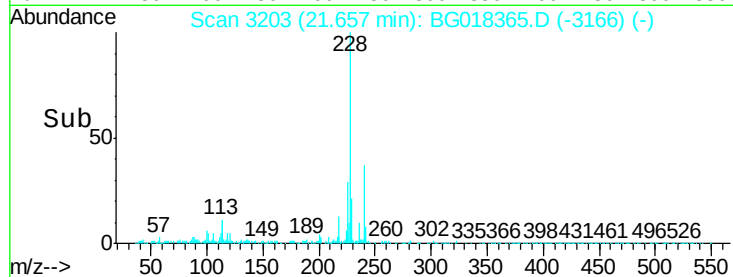
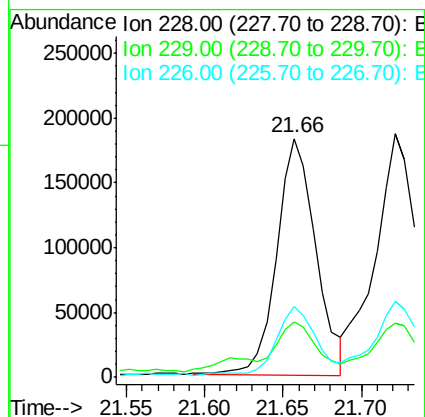
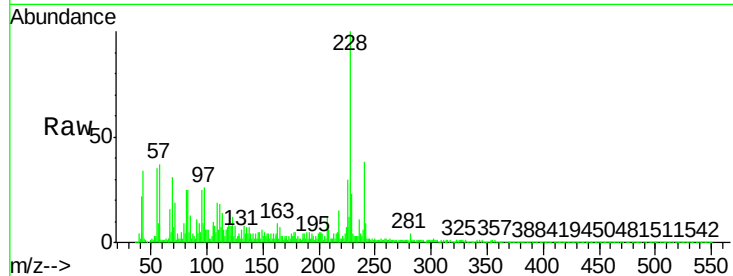
#83
Benzo(a)anthracene
Concen: 7.54 ng/ul m
RT: 21.66 min Scan# 3203
Delta R.T. 0.02 min
Lab File: BG018365.D
Acq: 10 Aug 2015 22:12

Instrument :
BNA_G
ClientSampled :
C01P4

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	23.4	15.5	23.3#
226	29.6	22.1	33.1

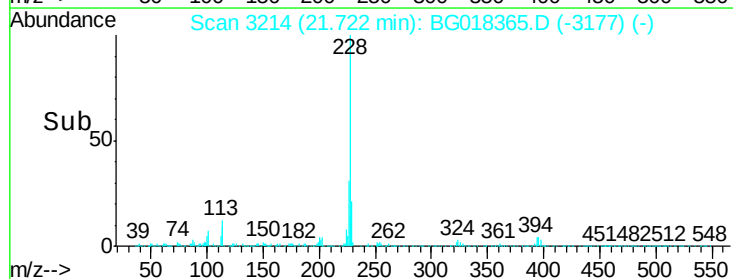
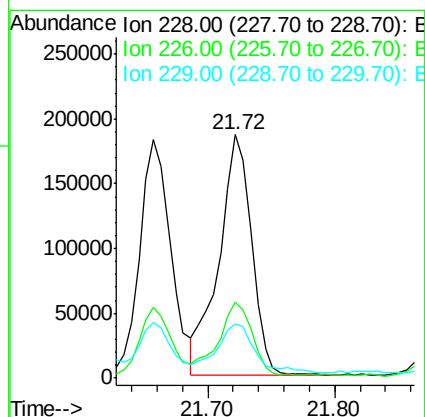
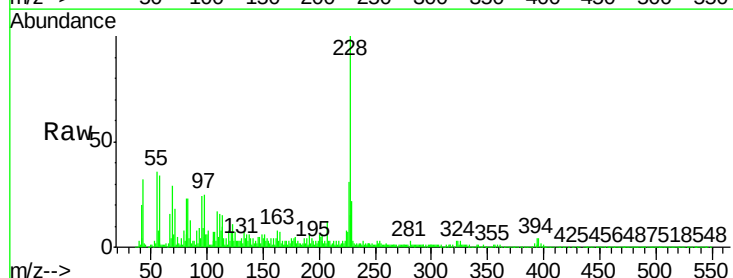
Manual Integrations
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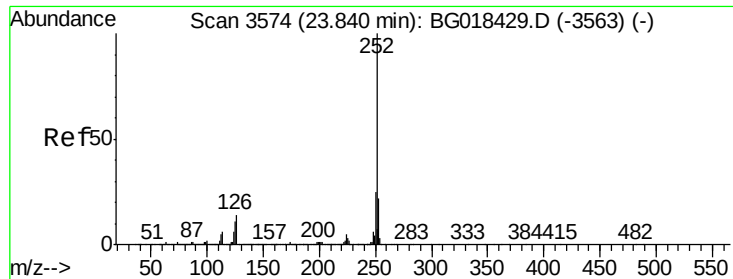
apatel
8/11/2015 9:13:15 AM



#85
Chrysene
Concen: 8.44 ng/ul
RT: 21.72 min Scan# 3214
Delta R.T. 0.02 min
Lab File: BG018365.D
Acq: 10 Aug 2015 22:12

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.4	26.5	39.7
229	22.3	16.9	25.3





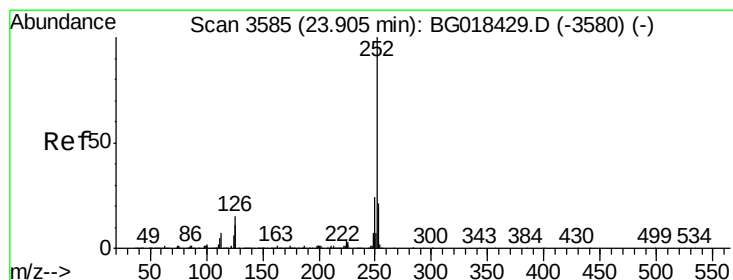
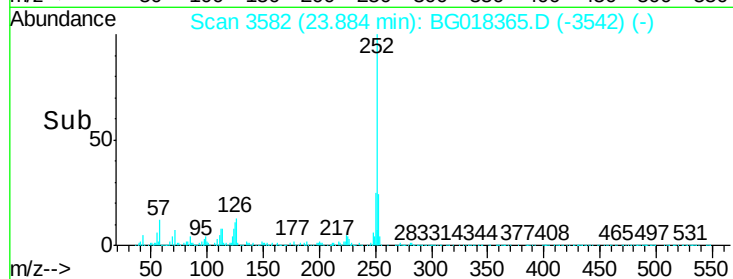
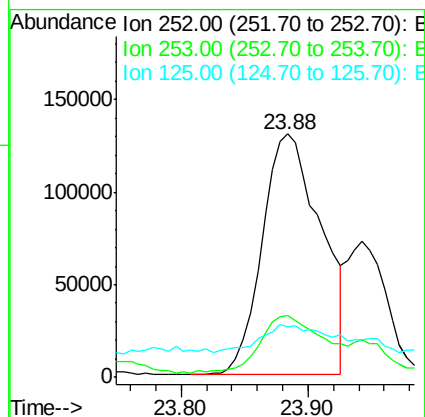
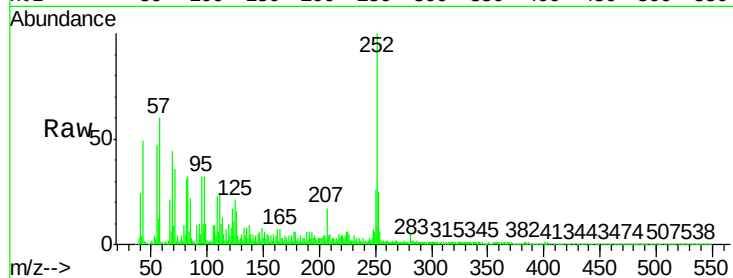
#88
Benzo(b)fluoranthene
Concen: 9.40 ng/ul
RT: 23.88 min Scan# 3582
Delta R.T. 0.03 min
Lab File: BG018365.D
Acq: 10 Aug 2015 22:12

Instrument :
BNA_G
ClientSampleId :
C01P4

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	25.2	18.1	27.1
125	20.7	8.3	12.5#

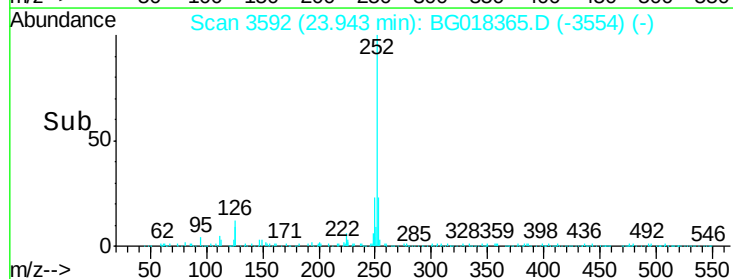
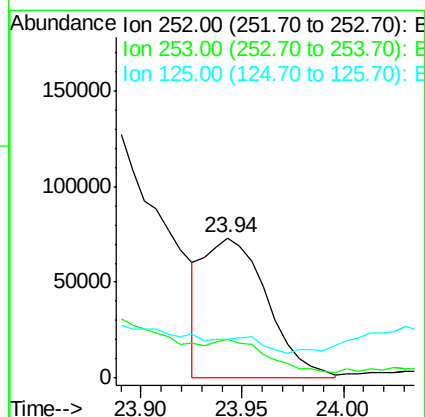
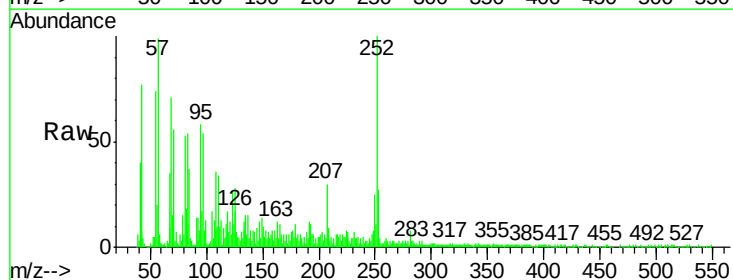
Manual Integrations
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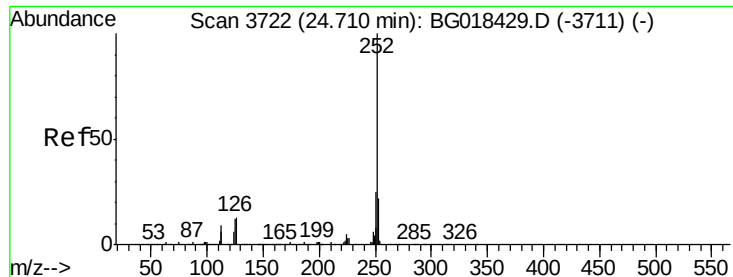
apatel
8/11/2015 9:13:15 AM



#89
Benzo(k)fluoranthene
Concen: 3.72 ng/ul m
RT: 23.94 min Scan# 3592
Delta R.T. 0.02 min
Lab File: BG018365.D
Acq: 10 Aug 2015 22:12

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	27.2	17.8	26.6#
125	27.9	9.0	13.4#





#91

Benzo(a)pyrene

Concen: 6.54 ng/ul

RT: 24.75 min Scan# 3730

Delta R.T. 0.03 min

Lab File: BG018365.D

Acq: 10 Aug 2015 22:12

Instrument :

BNA_G

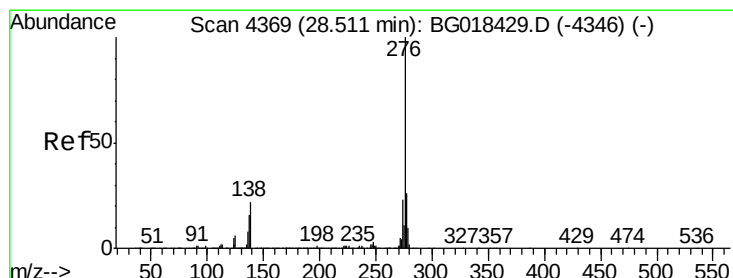
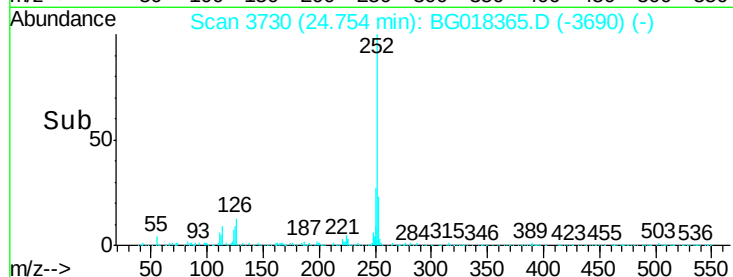
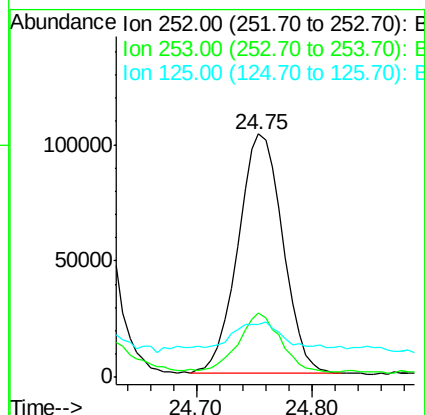
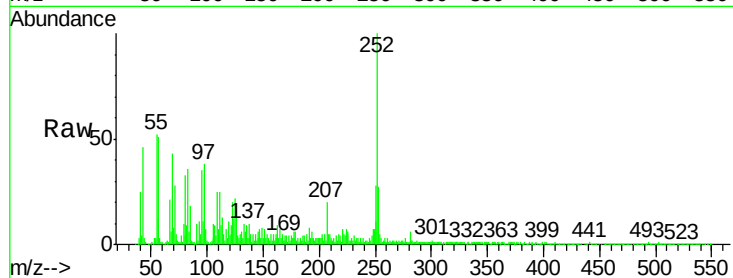
ClientSampleId :

C01P4

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	277158		
253	26.5	17.7	26.5	
125	22.0	10.2	15.2	

Manual Integrations
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apatel
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#92

Indeno(1,2,3-cd)pyrene

Concen: 4.46 ng/ul

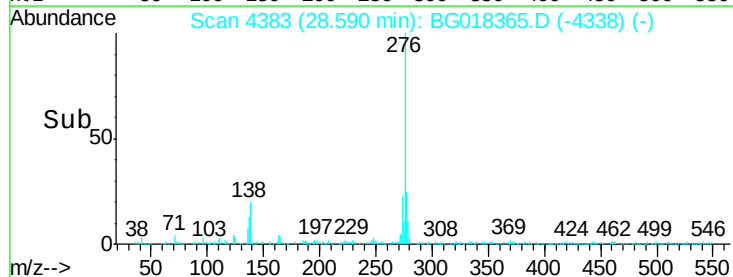
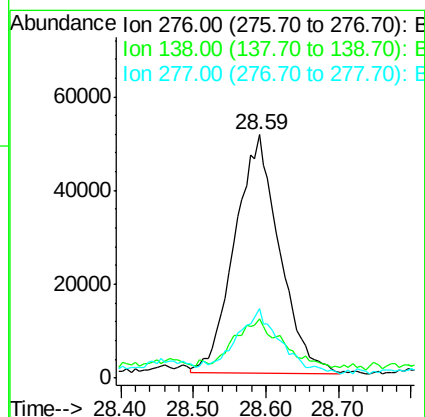
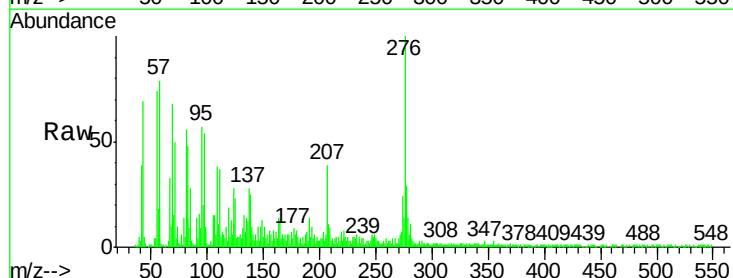
RT: 28.59 min Scan# 4383

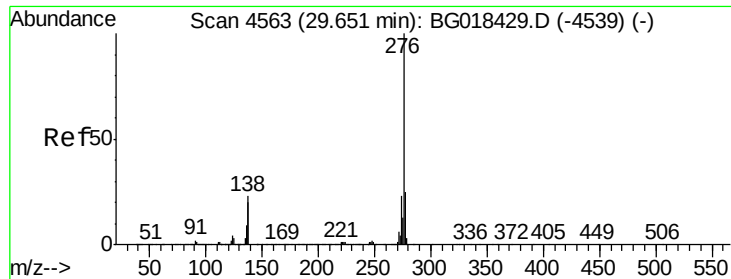
Delta R.T. 0.06 min

Lab File: BG018365.D

Acq: 10 Aug 2015 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	218738		
138	24.6	15.8	23.6	
277	28.7	18.9	28.3	





#94

Benzo(g,h,i)perylene

Concen: 4.85 ng/ul

RT: 29.74 min Scan# 4579

Delta R.T. 0.06 min

Lab File: BG018365.D

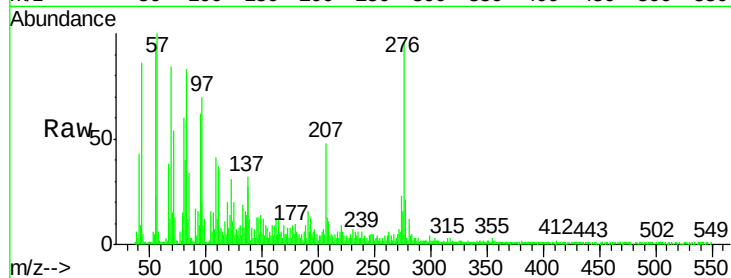
Acq: 10 Aug 2015 22:12

Instrument :

BNA_G

ClientSampleId :

C01P4



Tgt Ion	Ratio	Resp	Lower	Upper
276	100	199863		
138	28.0	16.5	24.7#	
277	22.0	19.0	28.6	

Manual Integrations
APPROVED

apatel
8/11/2015 9:13:15 AM

