

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
 Data File : BG018841.D
 Acq On : 23 Sep 2015 6:41
 Operator : UM/NP
 Sample : G3758-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHAB9

Manual Integrations
 APPROVED

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 9/23/2015 4:36:50 PM

Quant Time: Sep 23 07:51:06 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 23 07:13:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	65256	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	287962	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.62	164	189721	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	427480	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	429960	20.00	ng/ul	0.00
86) Perylene-d12	24.83	264	431710	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	2257	1.66	ng/uL	0.00
5) Phenol-d5	7.16	99	61785	11.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	35725	11.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	46688	11.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	44359	10.20	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	25050	11.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	21702	9.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	49216	10.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	51494	9.58	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	181178	11.87	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	229460	12.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	959	0.33	ng/ul	0.01
58) Fluorene-d10	15.62	176	167175	12.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	162	0.08	ng/ul	0.00
71) Anthracene-d10	17.47	188	245102	13.02	ng/ul	0.00
79) Pyrene-d10	19.75	212	258661	13.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.60	264	261775	12.46	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	14.07	163	106959	7.23	ng/ul	98
50) Acenaphthene	14.69	153	46330	3.57	ng/ul	95
59) Fluorene	15.67	166	27766	1.81	ng/ul	99
70) Phenanthrene	17.41	178	400669	18.44	ng/ul	99
72) Anthracene	17.50	178	112304	5.15	ng/ul	98
75) Carbazole	17.77	167	44282	2.29	ng/ul	97
77) Fluoranthene	19.42	202	648591	26.93	ng/ul	97
80) Pyrene	19.78	202	699021	27.65	ng/ul	97
83) Benzo(a)anthracene	21.61	228	327087	13.72	ng/ul	97
85) Chrysene	21.68	228	355283	16.16	ng/ul	98
88) Benzo(b)fluoranthene	23.81	252	331966	13.60	ng/ul#	92
89) Benzo(k)fluoranthene	23.87	252	134175m	5.74	ng/ul	
91) Benzo(a)pyrene	24.67	252	283571	12.22	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.46	276	157227	5.84	ng/ul	94
94) Benzo(g,h,i)perylene	29.59	276	124372	5.54	ng/ul	95

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

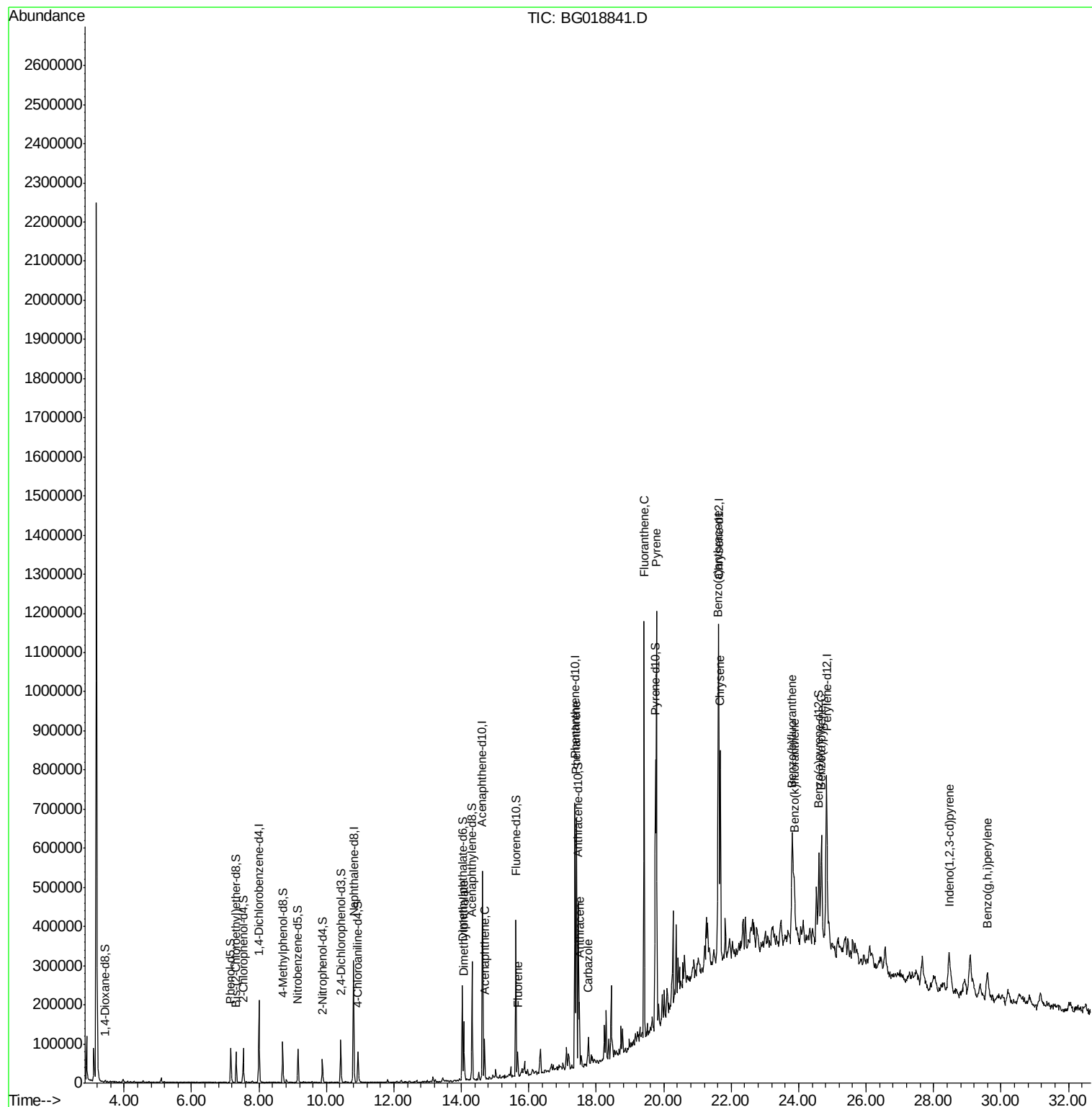
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018841.D
Acq On : 23 Sep 2015 6:41
Operator : UM/NP
Sample : G3758-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

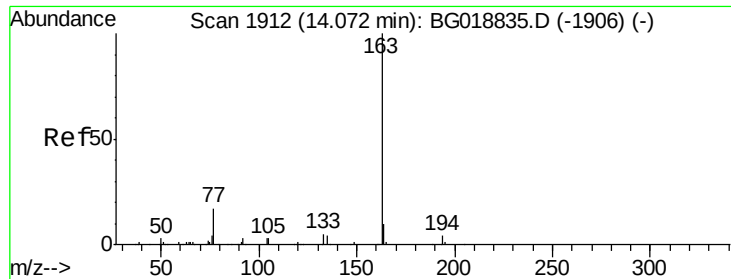
Instrument :
BNA_G
ClientSampleId :
JHAB9

Manual Integrations
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Quant Time: Sep 23 07:51:06 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 23 07:13:57 2015
Response via : Initial Calibration





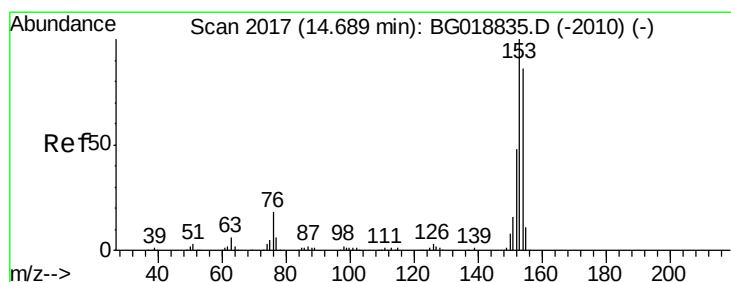
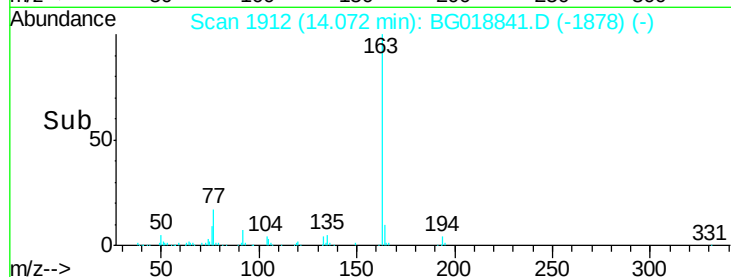
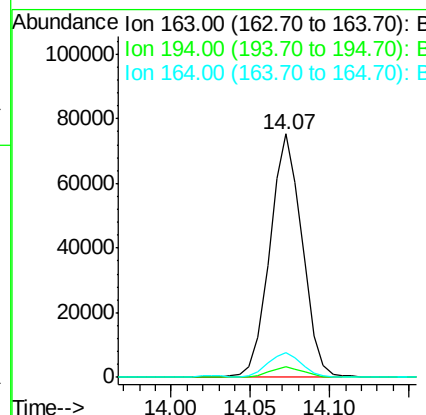
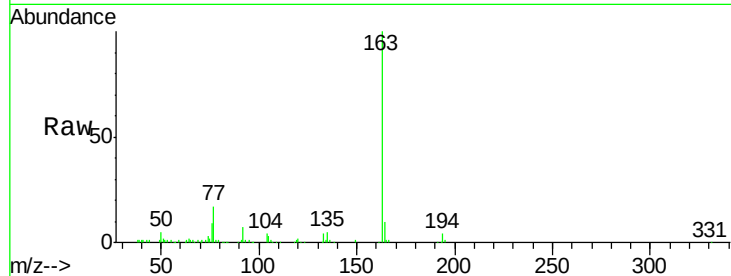
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Dimethylphthalate
Concen: 7.23 ng/ul
RT: 14.07 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BG018841.D
Acq: 23 Sep 2015 6:41

Instrument :
BNA_G
ClientSampleId :
JHAB9

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.1	2.9	4.3
164	10.3	7.7	11.5

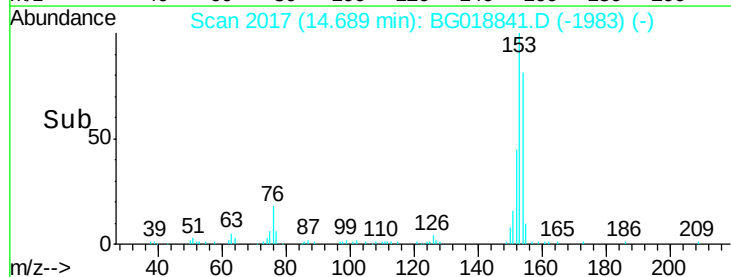
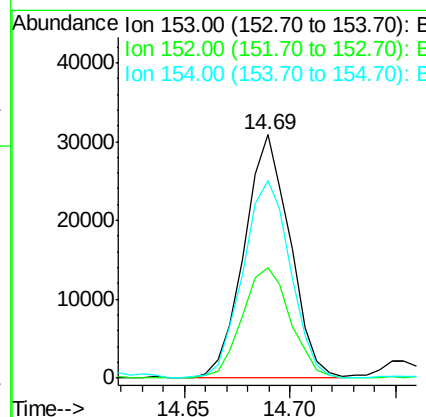
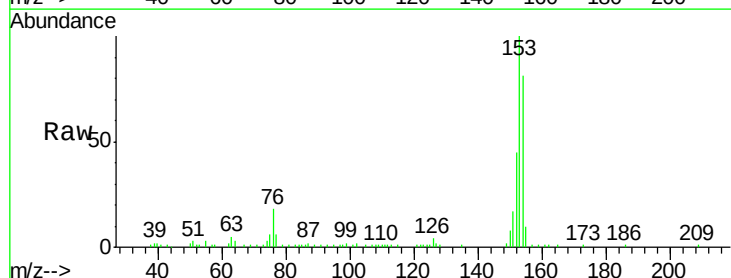
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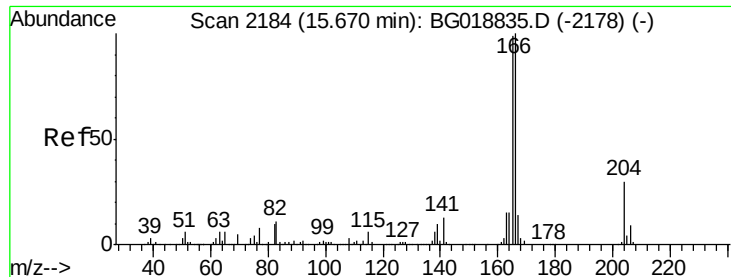
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#50
Acenaphthene
Concen: 3.57 ng/ul
RT: 14.69 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BG018841.D
Acq: 23 Sep 2015 6:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
153	100		
152	45.3	38.2	57.4
154	80.9	68.6	103.0





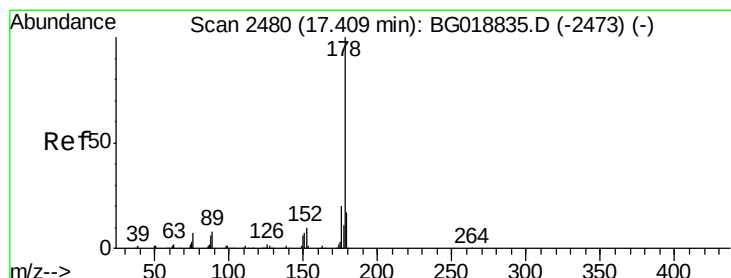
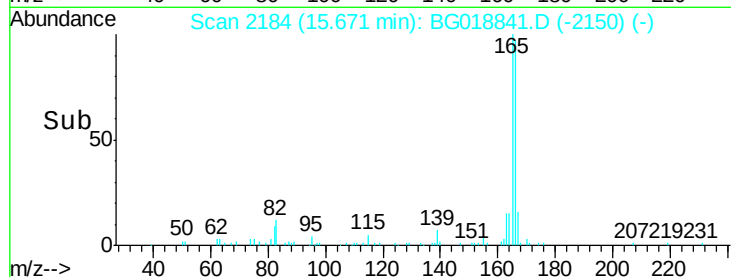
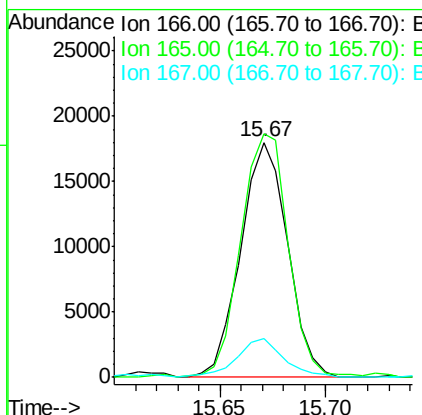
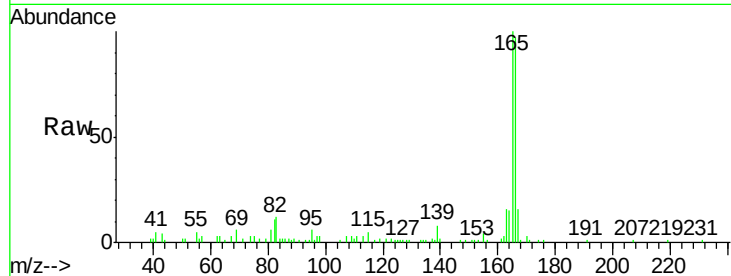
#59
Fluorene
 Concen: 1.81 ng/ul
 RT: 15.67 min Scan# 2184
 Delta R.T. 0.00 min
 Lab File: BG018841.D
 Acq: 23 Sep 2015 6:41

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	27766		
165	103.6	82.6	124.0	
167	16.5	11.4	17.0	

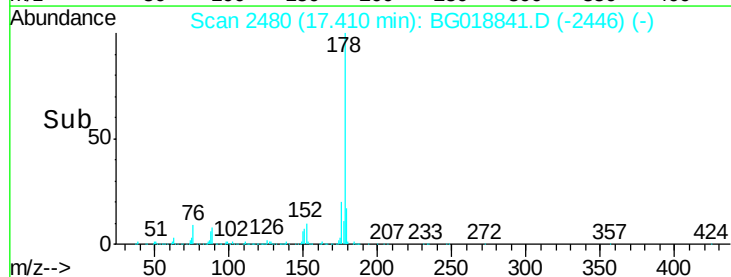
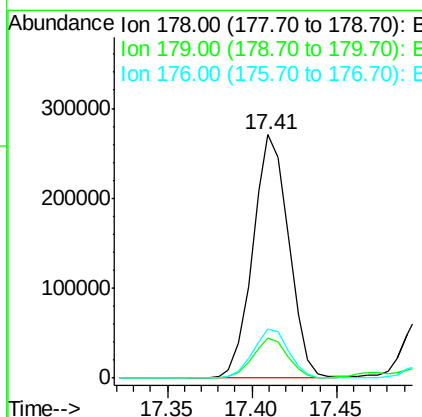
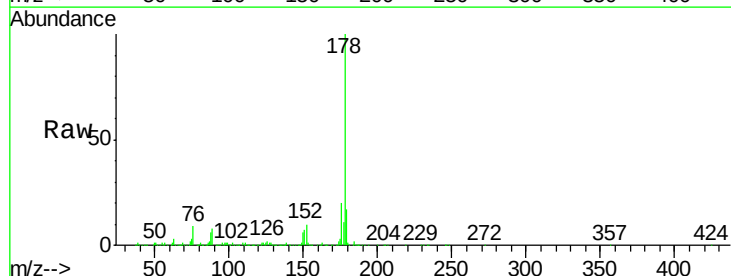
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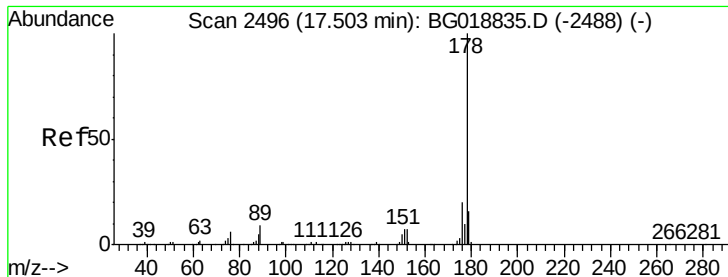
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#70
Phenanthrene
 Concen: 18.44 ng/ul
 RT: 17.41 min Scan# 2480
 Delta R.T. 0.00 min
 Lab File: BG018841.D
 Acq: 23 Sep 2015 6:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	400669		
179	16.7	13.7	20.5	
176	20.0	16.6	24.8	





#72

Anthracene

Concen: 5.15 ng/ul

RT: 17.50 min Scan# 2495

Delta R.T. -0.01 min

Lab File: BG018841.D

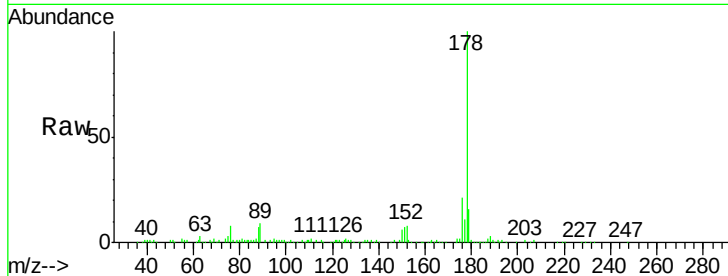
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Instrument :

BNA_G

ClientSampleId :

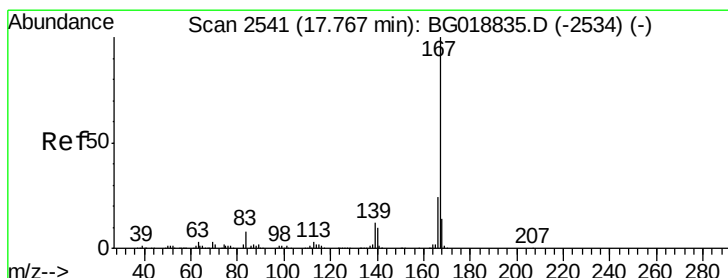
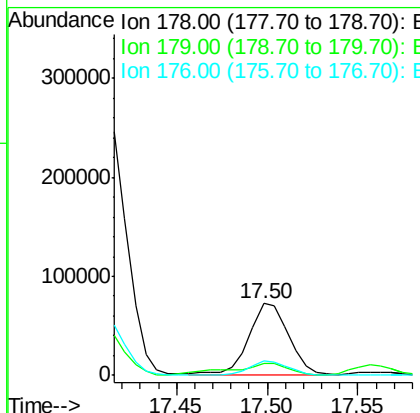
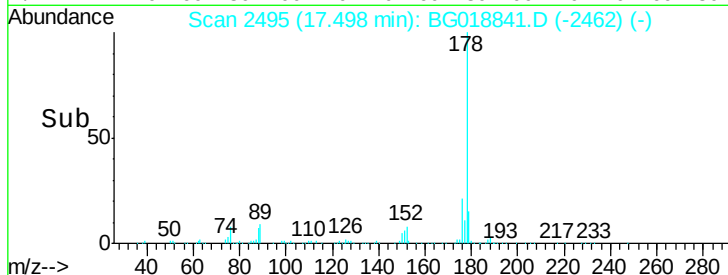
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Tgt Ion:	178	Resp:	112304
Ion Ratio	Lower	Upper	
178	100		
179	15.8	13.0	19.4
176	20.9	16.0	24.0

Manual Integrations
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#75

Carbazole

Concen: 2.29 ng/ul

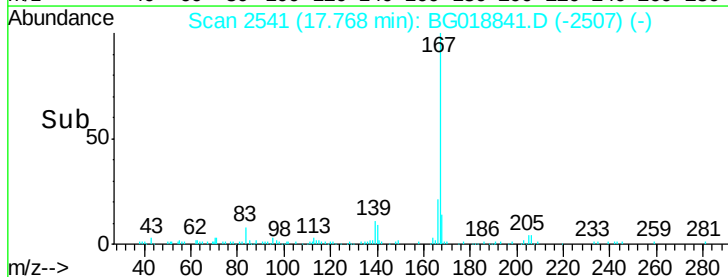
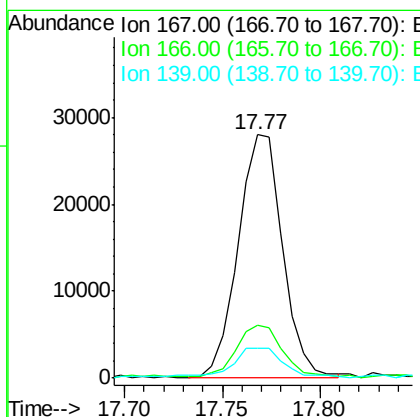
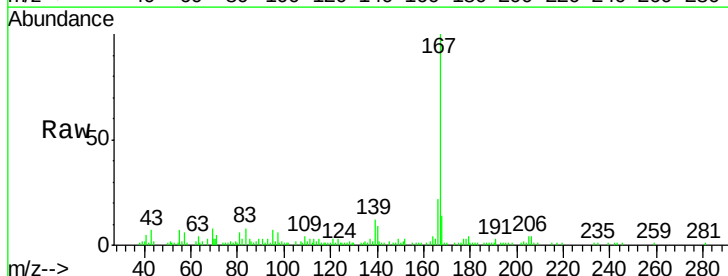
RT: 17.77 min Scan# 2541

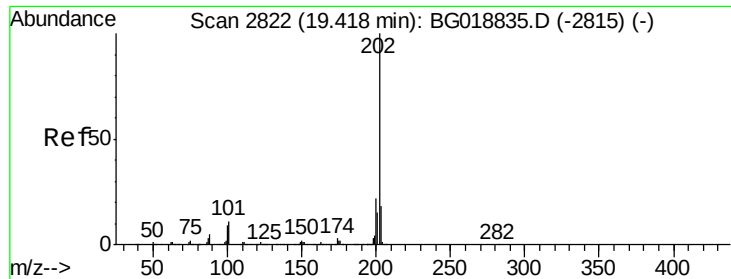
Delta R.T. 0.00 min

Lab File: BG018841.D

Acq: 23 Sep 2015 6:41

Tgt Ion:	167	Resp:	44282
Ion Ratio	Lower	Upper	
167	100		
166	21.7	18.9	28.3
139	12.4	10.1	15.1





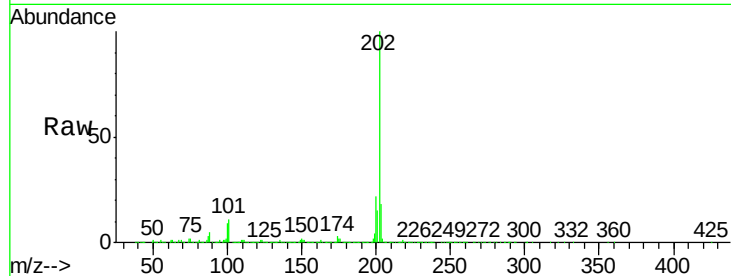
#77
 Fluoranthene
 Concen: 26.93 ng/ul
 RT: 19.42 min Scan# 2822
 Delta R.T. 0.00 min
 Lab File: BG018841.D
 Acq: 23 Sep 2015 6:41

Instrument :
 BNA_G
 ClientSampleId :
 JHAB9

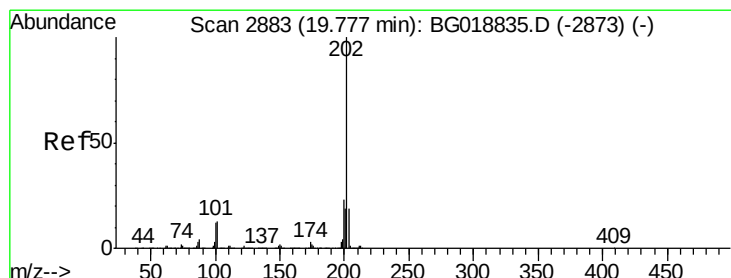
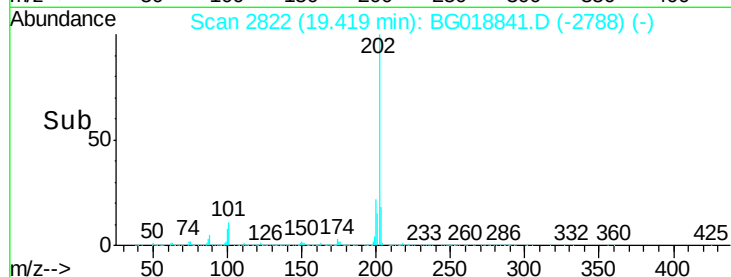
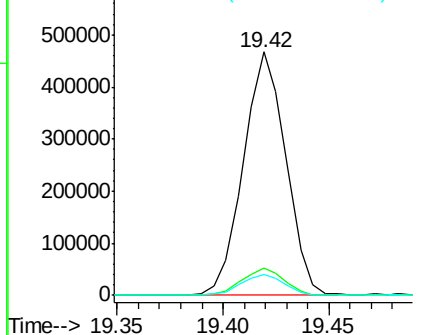
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		648591		
101	11.1	9.7	14.5		
100	8.6	7.8	11.8		

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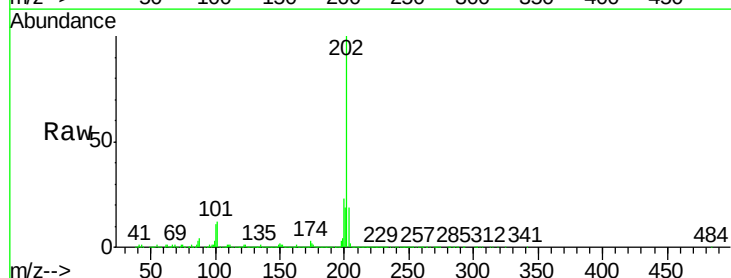


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

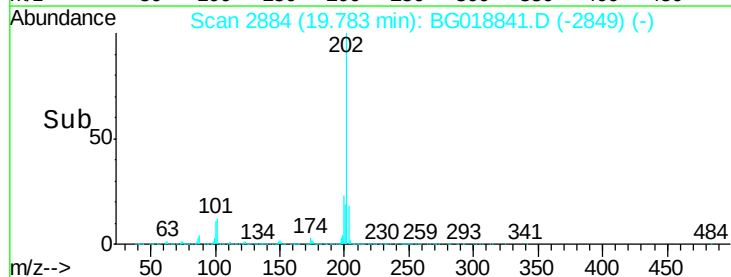
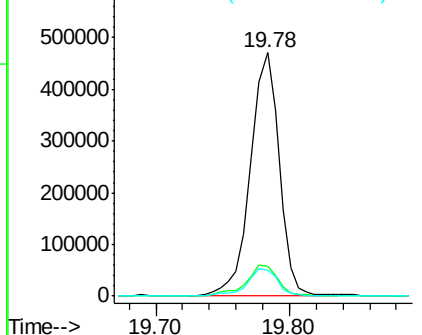


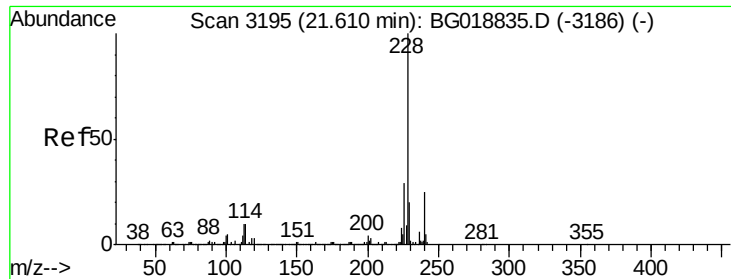
#80
 Pyrene
 Concen: 27.65 ng/ul
 RT: 19.78 min Scan# 2884
 Delta R.T. 0.01 min
 Lab File: BG018841.D
 Acq: 23 Sep 2015 6:41

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		699021		
101	12.5	11.0	16.4		
100	10.9	9.8	14.6		



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





#83

Benzo(a)anthracene

Concen: 13.72 ng/ul

RT: 21.61 min Scan# 3195

Delta R.T. 0.00 min

Lab File: BG018841.D

Acq: 23 Sep 2015 6:41

Instrument :

BNA_G

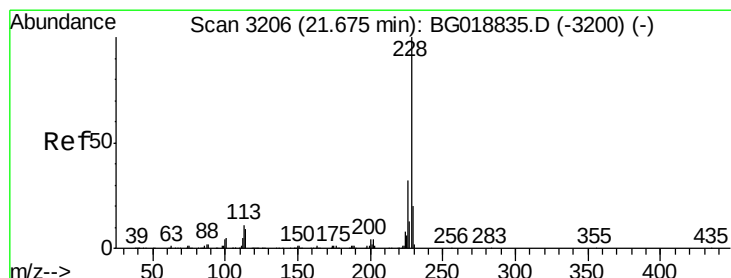
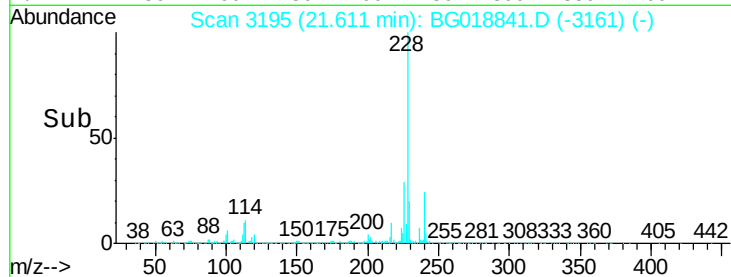
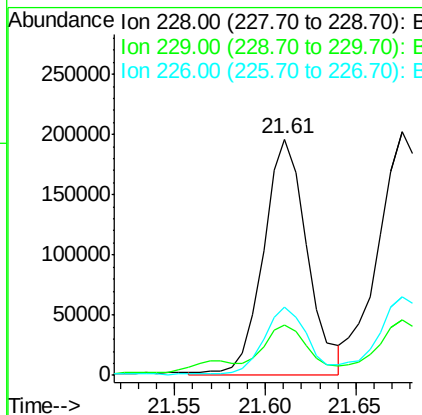
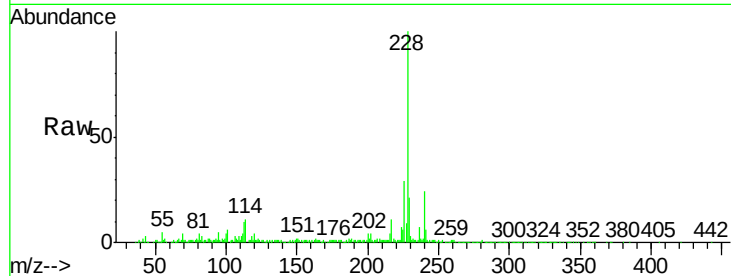
ClientSampleId :

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Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		327087		
229	21.1	15.5	23.3		
226	28.8	22.1	33.1		

Manual Integrations
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#85

Chrysene

Concen: 16.16 ng/ul

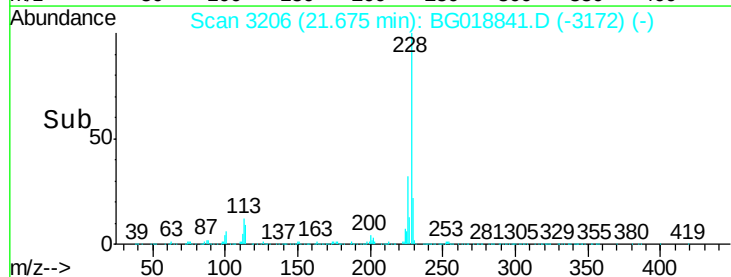
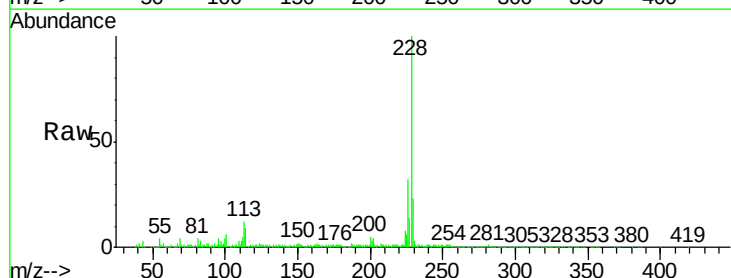
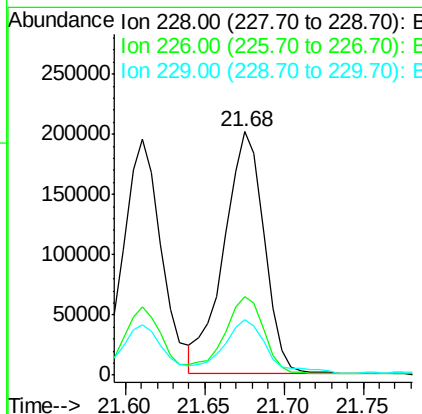
RT: 21.68 min Scan# 3206

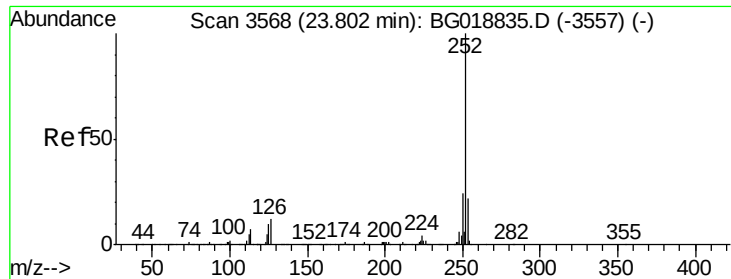
Delta R.T. 0.00 min

Lab File: BG018841.D

Acq: 23 Sep 2015 6:41

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		355283		
226	32.3	26.5	39.7		
229	22.7	16.9	25.3		





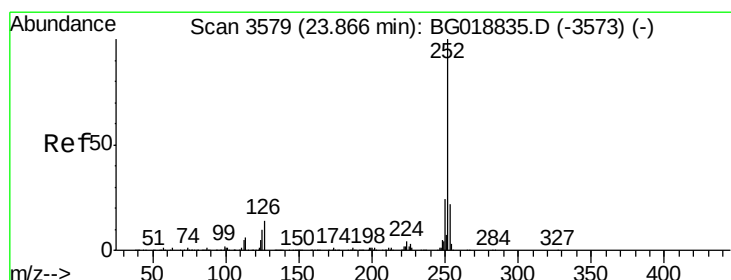
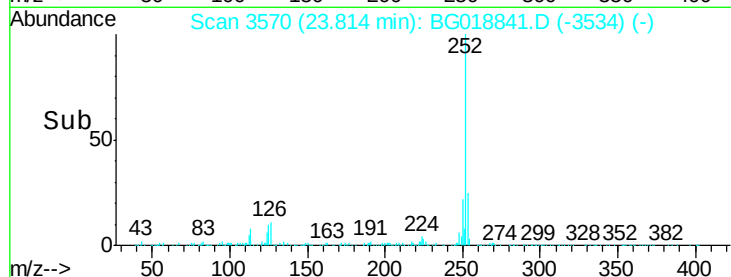
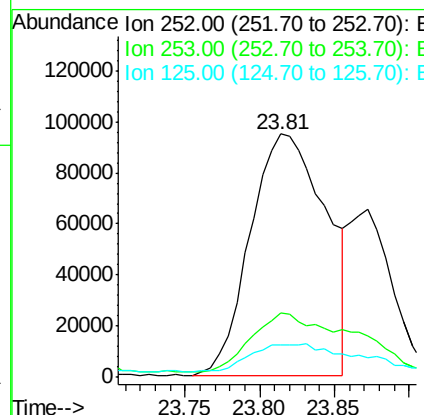
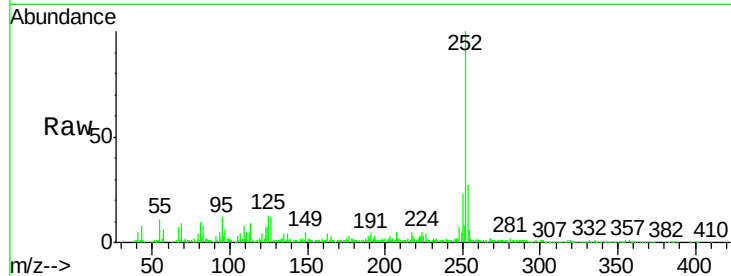
#88
Benzo(b)fluoranthene
Concen: 13.60 ng/ul
RT: 23.81 min Scan# 3570
Delta R.T. 0.01 min
Lab File: BG018841.D
Acq: 23 Sep 2015 6:41

Instrument :
BNA_G
ClientSampleId :
JHAB9

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	26.5	18.1	27.1
125	13.2	8.3	12.5

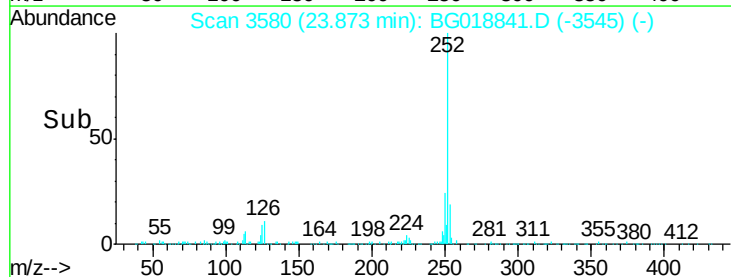
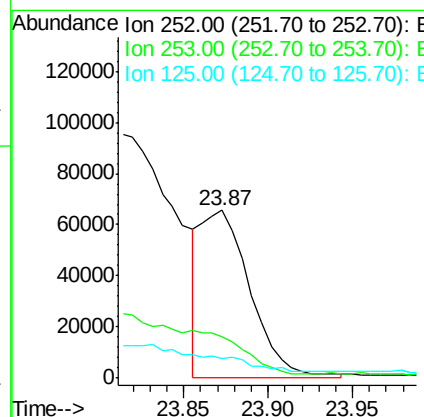
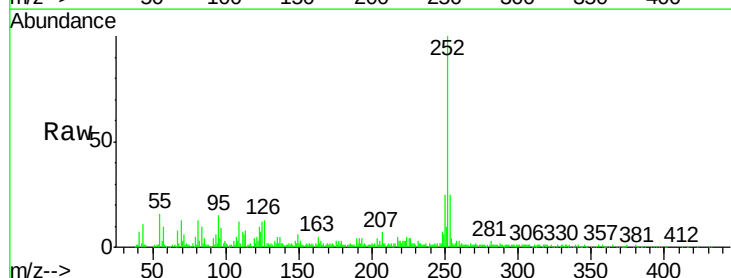
Manual Integrations
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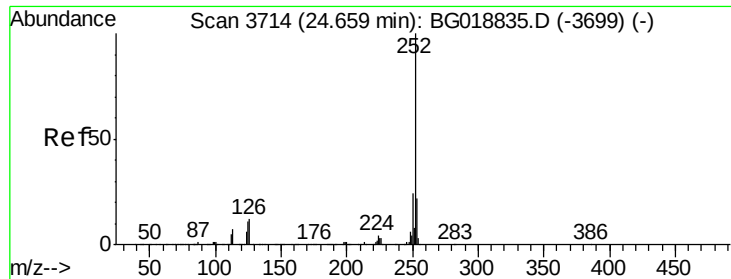
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#89
Benzo(k)fluoranthene
Concen: 5.74 ng/ul m
RT: 23.87 min Scan# 3580
Delta R.T. 0.01 min
Lab File: BG018841.D
Acq: 23 Sep 2015 6:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.7	17.8	26.6
125	11.8	9.0	13.4





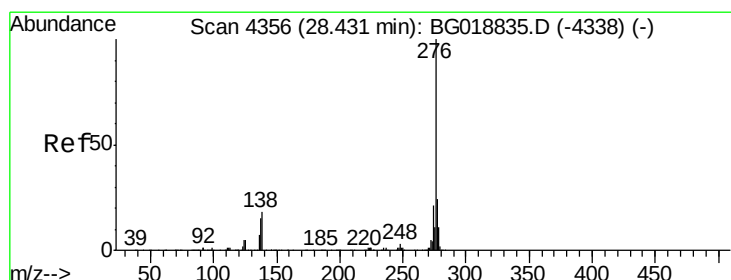
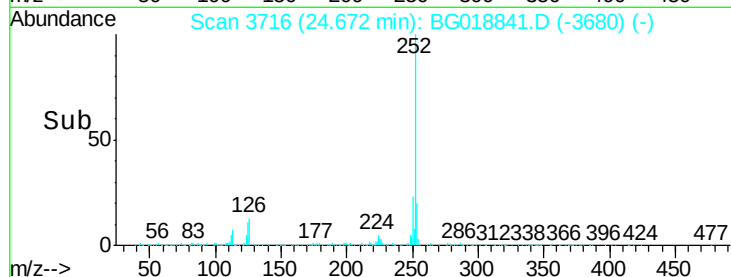
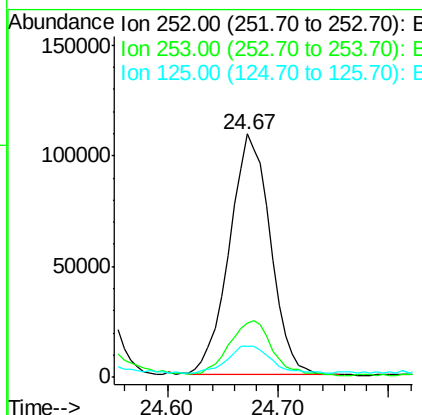
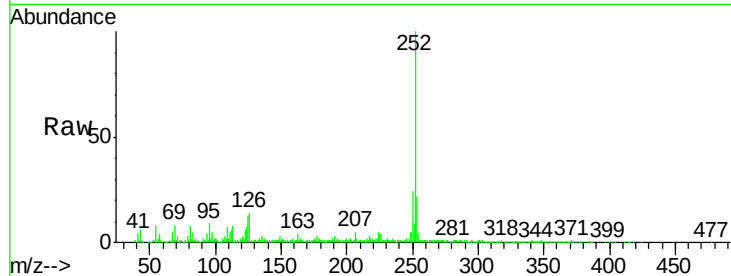
#91
Benzo(a)pyrene
Concen: 12.22 ng/ul
RT: 24.67 min Scan# 3716
Delta R.T. 0.01 min
Lab File: BG018841.D
Acq: 23 Sep 2015 6:41

Instrument :
BNA_G
ClientSampled :
JHAB9

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.2	17.7	26.5
125	13.0	10.2	15.2

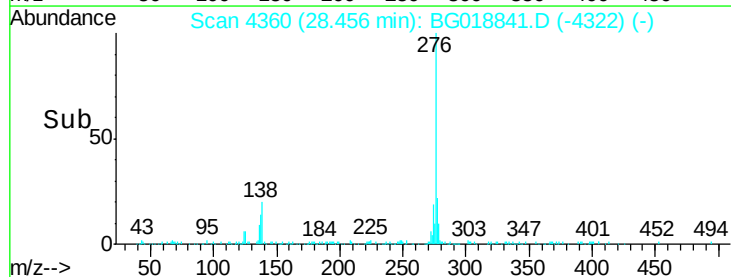
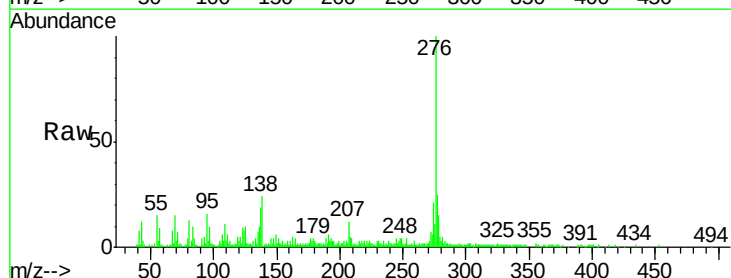
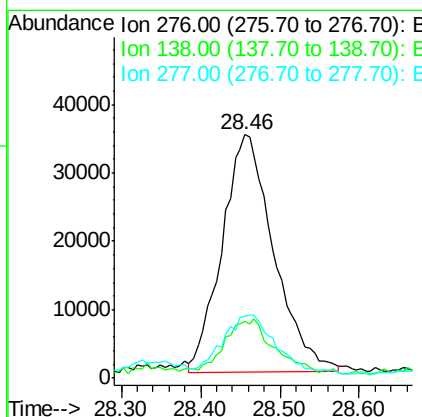
Manual Integrations
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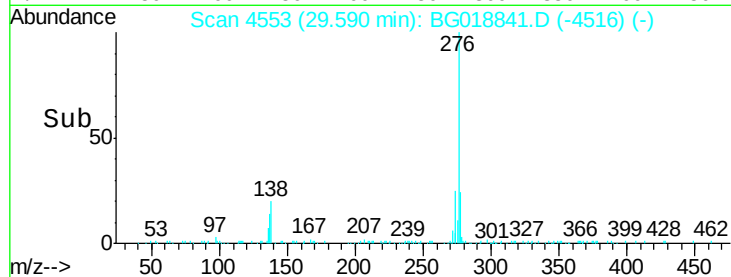
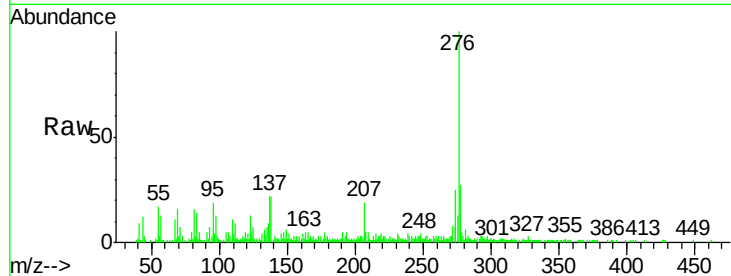
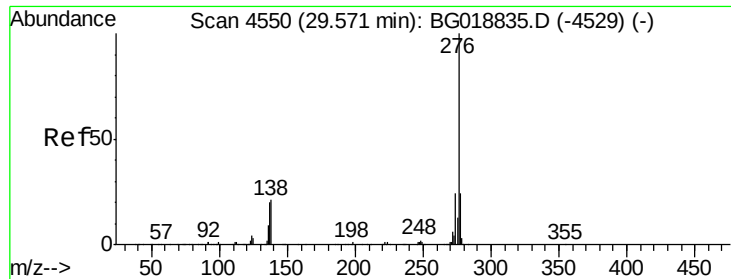
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#92
Indeno(1,2,3-cd)pyrene
Concen: 5.84 ng/ul
RT: 28.46 min Scan# 4360
Delta R.T. 0.02 min
Lab File: BG018841.D
Acq: 23 Sep 2015 6:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	23.6	15.8	23.6
277	25.3	18.9	28.3





#94

Benzo(g,h,i)perylene

Concen: 5.54 ng/ul

RT: 29.59 min Scan# 4553

Delta R.T. 0.02 min

Lab File: BG018841.D

Acq: 23 Sep 2015 6:41

Tgt	Ion	276	Resp:	124372
Ion	Ratio	100	Lower	Upper
276	100			
138	22.2	16.5	24.7	
277	26.8	19.0	28.6	

Instrument :

BNA_G

ClientSampleId :

JHAB9

Manual Integrations
APPROVED

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