

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
 Data File : BG018340.D
 Acq On : 9 Aug 2015 22:18
 Operator : UM/TP
 Sample : G3136-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01T5

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 7:26:05 PM

Quant Time: Aug 10 08:06:57 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 10 07:50:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	144706	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	683857	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.70	164	413240	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.43	188	816097	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	679344	20.00	ng/ul	0.02
86) Perylene-d12	24.97	264	672705	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	5213	1.59	ng/uL	0.00
5) Phenol-d5	7.22	99	124036	9.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	84993	10.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	101970	10.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	55770	5.05	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	54005	10.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	58338	10.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	100454	8.72	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	45645	3.51	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	331610	9.54	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	365772	8.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.86	143	27947	4.47	ng/ul	0.00
58) Fluorene-d10	15.68	176	236333	7.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	19293	4.81	ng/ul	0.00
71) Anthracene-d10	17.53	188	310071	7.94	ng/ul	0.00
79) Pyrene-d10	19.82	212	291499	8.27	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.74	264	283625	7.94	ng/ul	0.03

Target Compounds

						Ovalue
14) Acetophenone	8.88	105	16553	1.04	ng/ul#	68
34) 2-Methylnaphthalene	12.53	142	30147	1.15	ng/ul	85
45) Dimethylphthalate	14.14	163	162601	4.74	ng/ul#	97
70) Phenanthrene	17.47	178	278685	6.29	ng/ul	99
72) Anthracene	17.57	178	87011m	1.93	ng/ul	
77) Fluoranthene	19.48	202	452083	9.56	ng/ul	99
80) Pyrene	19.85	202	440487	9.59	ng/ul	100
81) Butylbenzylphthalate	20.73	149	110045	5.66	ng/ul#	81
83) Benzo(a)anthracene	21.69	228	206191	4.90	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.61	149	728648	26.54	ng/ul#	98
85) Chrysene	21.75	228	207019m	5.26	ng/ul	
88) Benzo(b)fluoranthene	23.93	252	313296	7.41	ng/ul#	79
89) Benzo(k)fluoranthene	24.00	252	95944m	2.36	ng/ul	
91) Benzo(a)pyrene	24.81	252	215618	5.37	ng/ul#	69
92) Indeno(1,2,3-cd)pyrene	28.67	276	167571	3.60	ng/ul#	81
94) Benzo(g,h,i)perylene	29.83	276	157176	4.03	ng/ul#	80

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

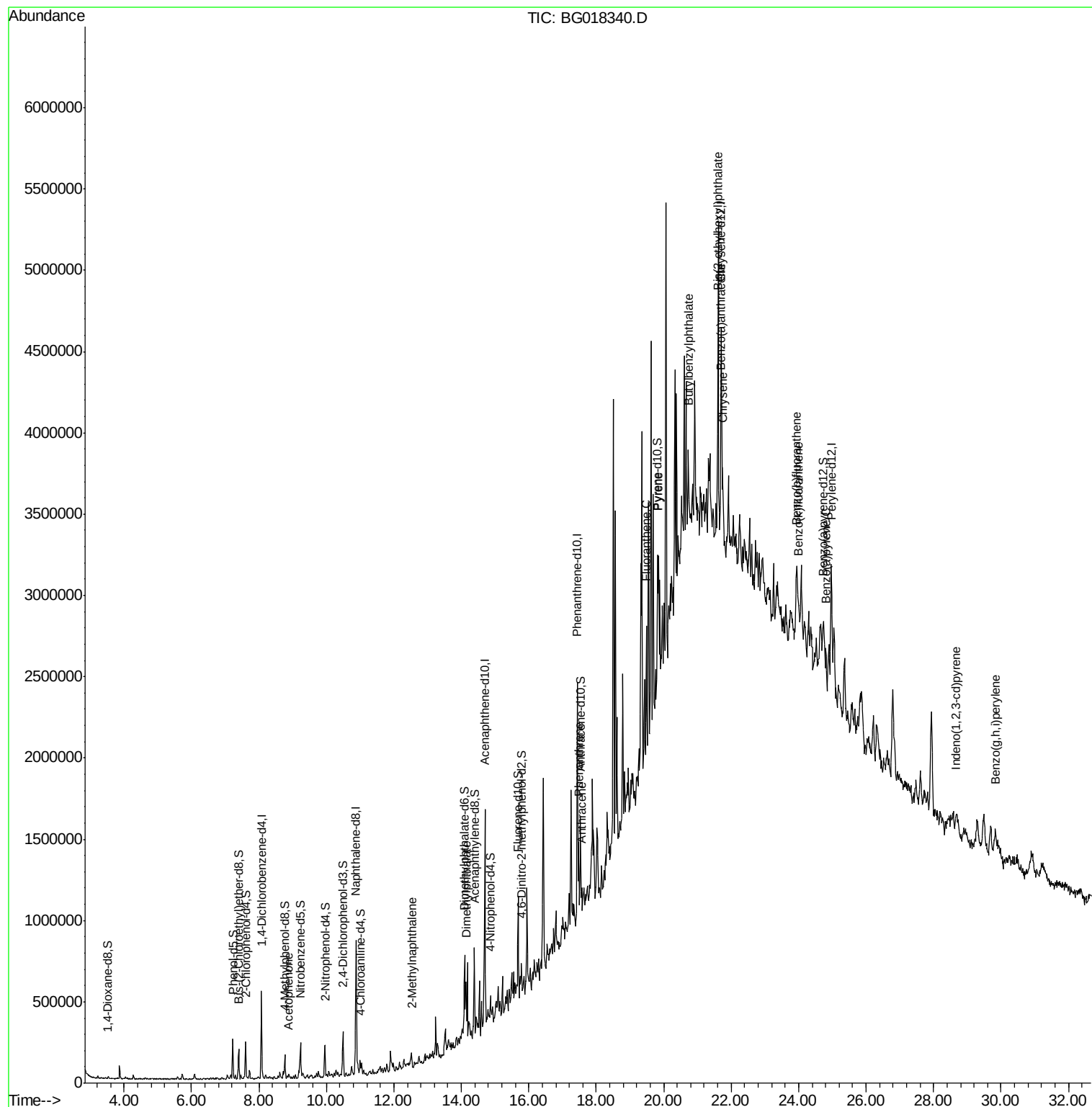
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018340.D
Acq On : 9 Aug 2015 22:18
Operator : UM/TP
Sample : G3136-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

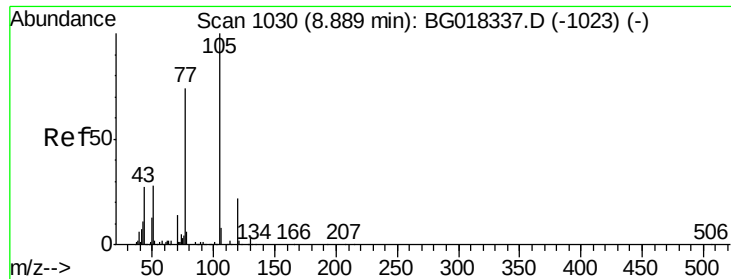
Instrument :
BNA_G
ClientSampled :
C01T5

Manual Integrations
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Quant Time: Aug 10 08:06:57 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 07:50:23 2015
Response via : Initial Calibration





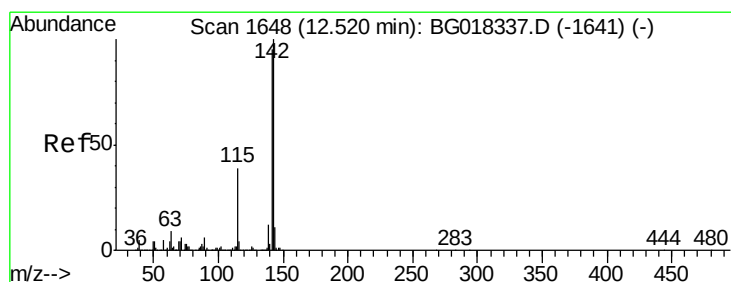
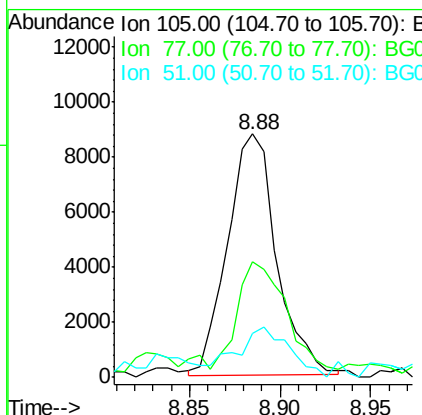
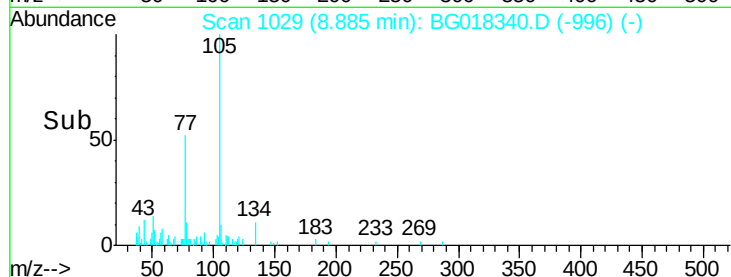
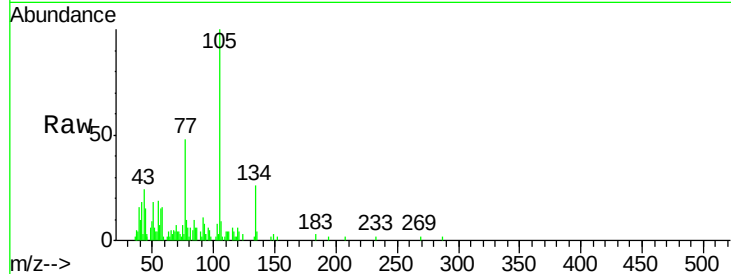
#14
 Acetophenone
 Concen: 1.04 ng/ul
 RT: 8.88 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BG018340.D
 Acq: 9 Aug 2015 22:18

Instrument :
 BNA_G
 ClientSampleId :
 C01T5

Tot Ion:	105	Resp:	16553
Ion Ratio		Lower	Upper
105	100		
77	47.6	61.9	92.9#
51	18.0	25.5	38.3#

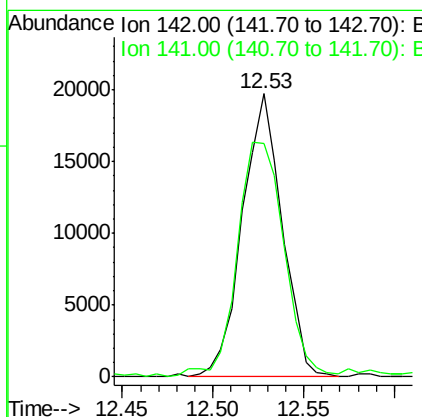
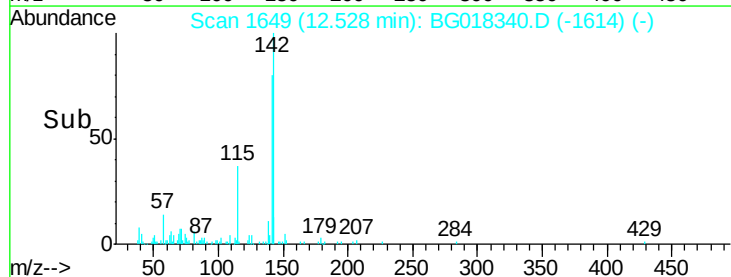
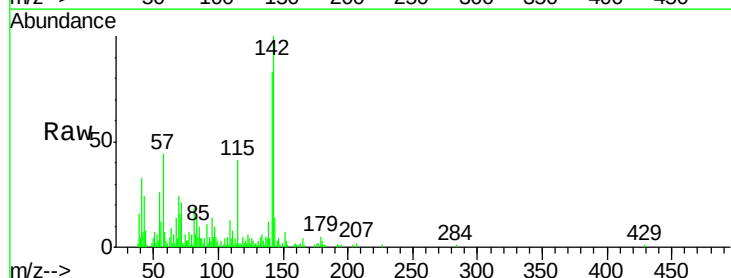
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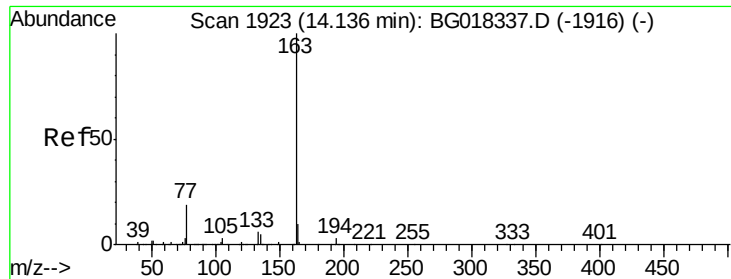
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#34
 2-Methylnaphthalene
 Concen: 1.15 ng/ul
 RT: 12.53 min Scan# 1649
 Delta R.T. 0.01 min
 Lab File: BG018340.D
 Acq: 9 Aug 2015 22:18

Tgt Ion:	142	Resp:	30147
Ion Ratio		Lower	Upper
142	100		
141	82.6	78.0	117.0





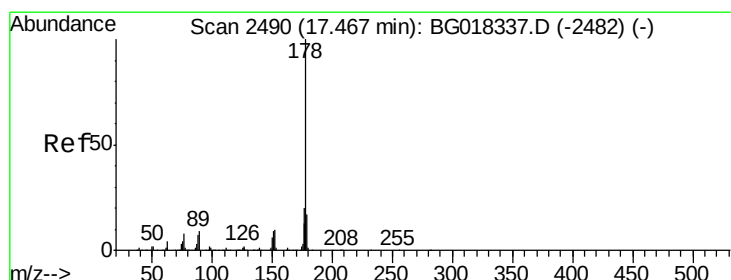
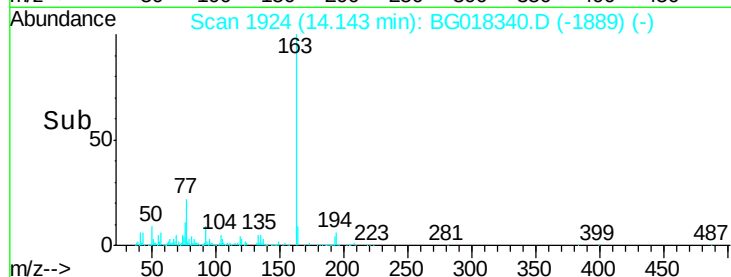
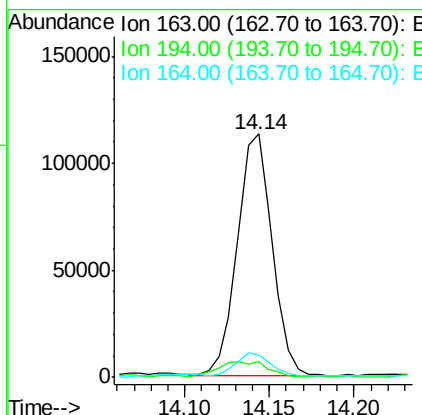
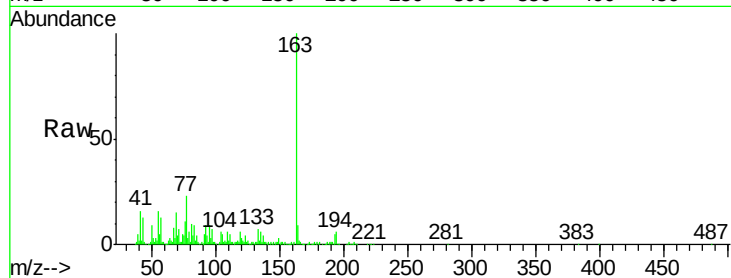
#45
Dimethylphthalate
Concen: 4.74 ng/ul
RT: 14.14 min Scan# 1924
Delta R.T. 0.01 min
Lab File: BG018340.D
Acq: 9 Aug 2015 22:18

Instrument :
BNA_G
ClientSampleId :
C01T5

Tot Ion	Ratio	Resp	Lower	Upper
163	100	162601		
194	6.4	2.9	4.3#	
164	9.3	7.7	11.5	

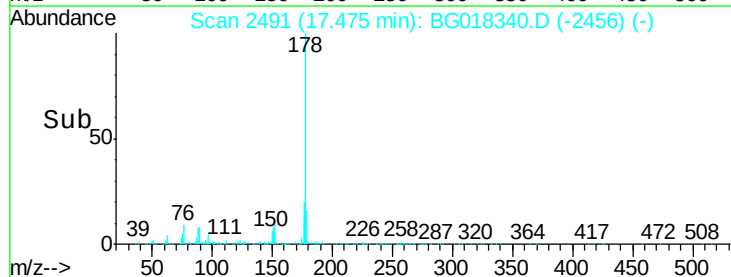
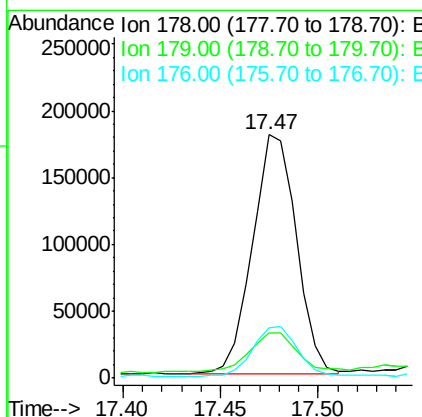
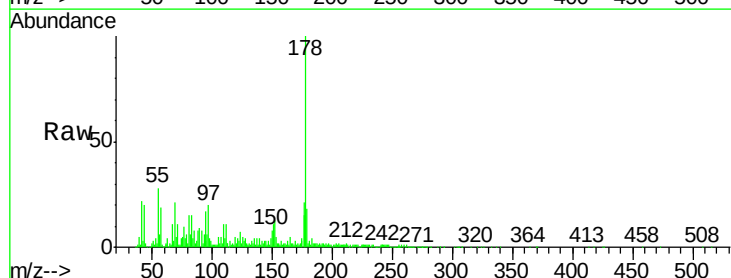
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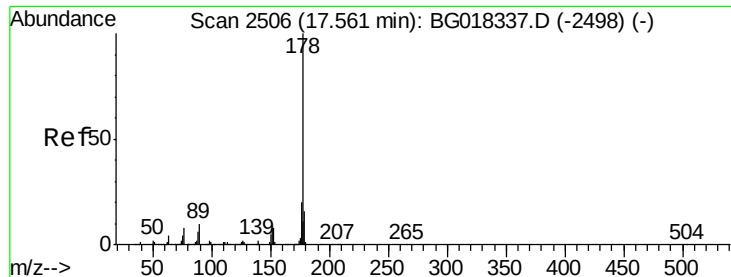
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#70
Phenanthrene
Concen: 6.29 ng/ul
RT: 17.47 min Scan# 2491
Delta R.T. 0.01 min
Lab File: BG018340.D
Acq: 9 Aug 2015 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	278685		
179	18.3	13.7	20.5	
176	20.6	16.6	24.8	





#72

Anthracene

Concen: 1.93 ng/ul m

RT: 17.57 min Scan# 2507

Delta R.T. 0.01 min

Lab File: BG018340.D

Acq: 9 Aug 2015 22:18

Instrument :

BNA_G

ClientSampleId :

C01T5

Tot Ion:178 Resp: 87011

Ion Ratio Lower Upper

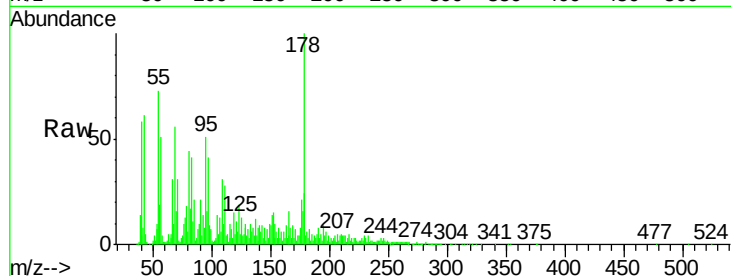
178 100

179 23.8 13.0 19.4#

176 21.0 16.0 24.0

Manual Integrations
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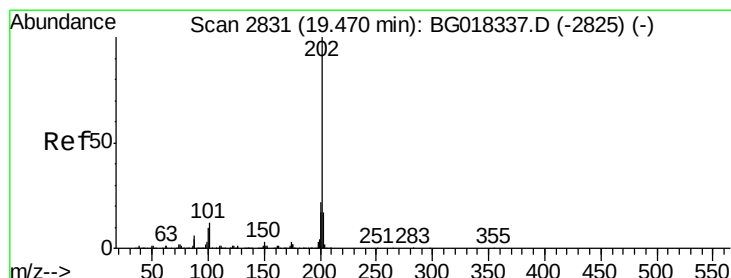
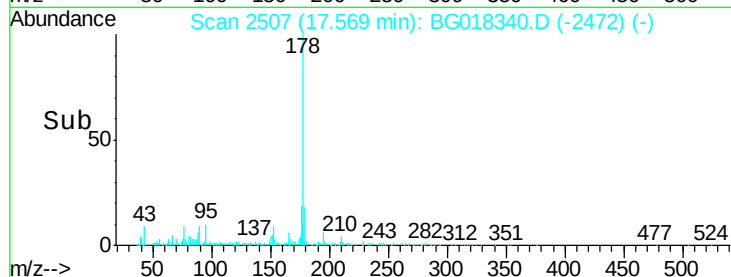
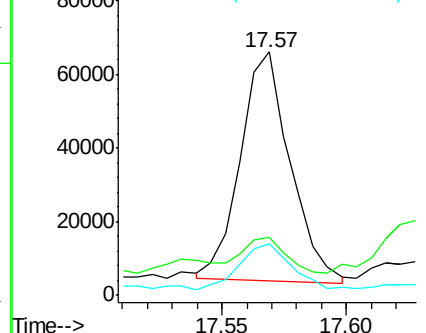
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 9.56 ng/ul

RT: 19.48 min Scan# 2833

Delta R.T. 0.01 min

Lab File: BG018340.D

Acq: 9 Aug 2015 22:18

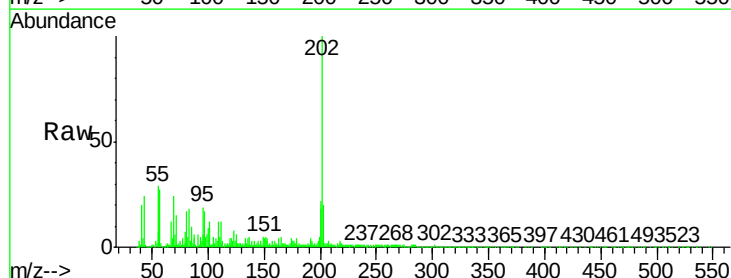
Tgt Ion:202 Resp: 452083

Ion Ratio Lower Upper

202 100

101 11.7 9.7 14.5

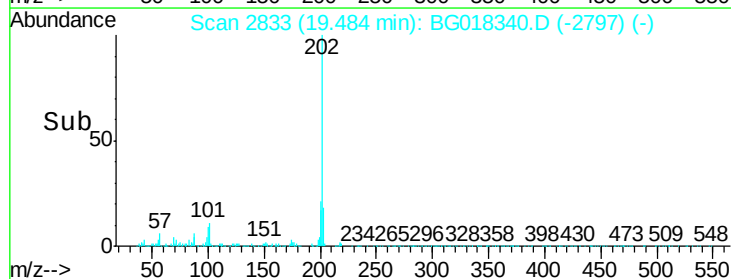
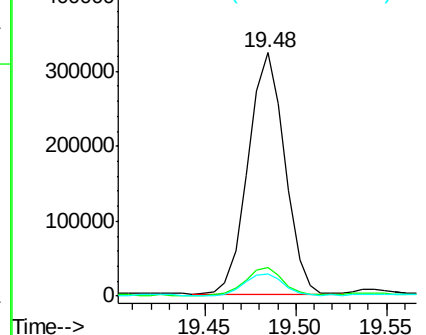
100 9.0 7.8 11.8

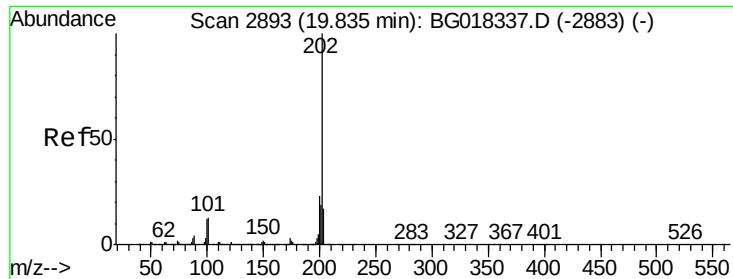


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





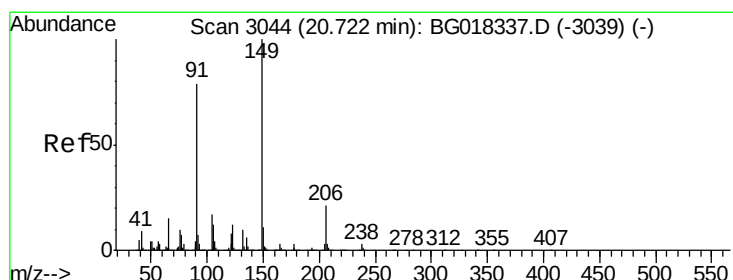
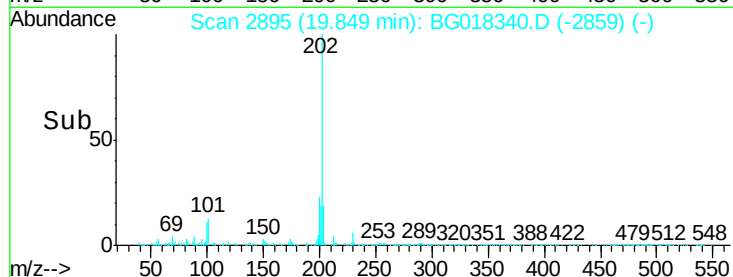
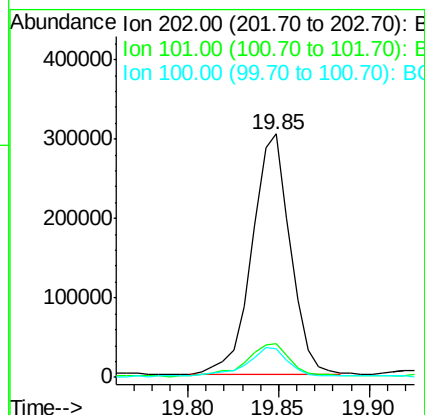
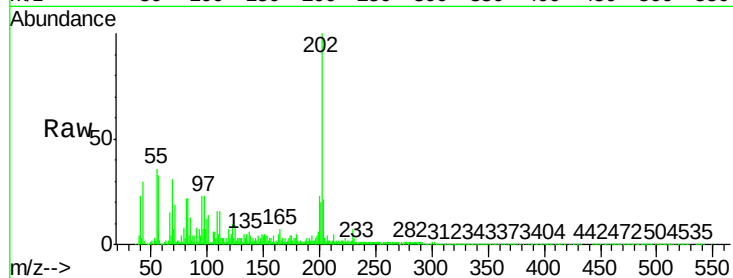
#80
Pvrene
Concen: 9.59 ng/ul
RT: 19.85 min Scan# 2895
Delta R.T. 0.01 min
Lab File: BG018340.D
Acq: 9 Aug 2015 22:18

Instrument :
BNA_G
ClientSampleId :
C01T5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.7	11.0	16.4
100	12.0	9.8	14.6

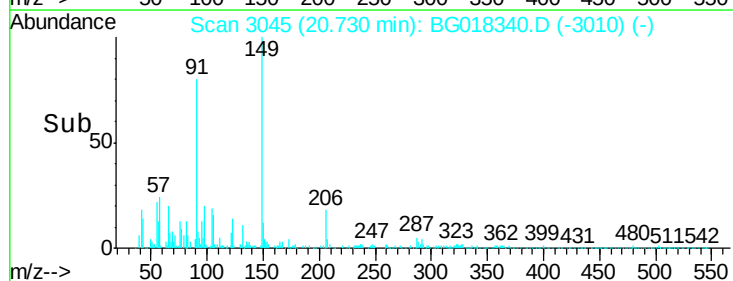
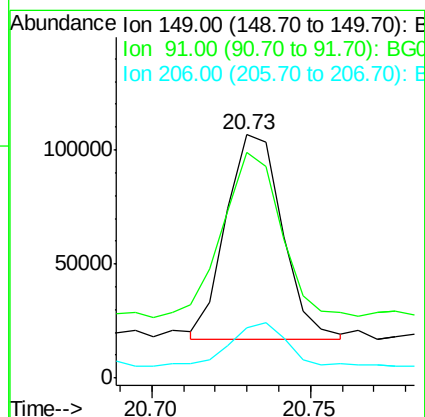
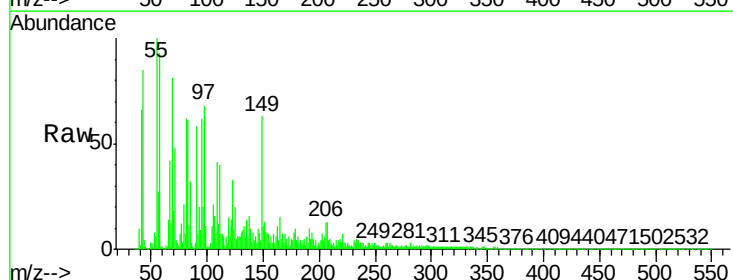
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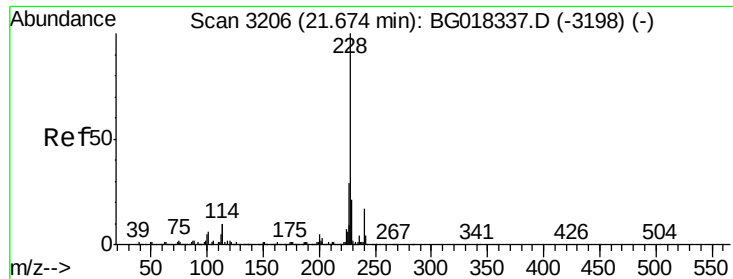
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#81
Butylbenzylphthalate
Concen: 5.66 ng/ul
RT: 20.73 min Scan# 3045
Delta R.T. 0.01 min
Lab File: BG018340.D
Acq: 9 Aug 2015 22:18

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	92.6	57.9	86.9#
206	20.8	17.9	26.9





#83

Benzo(a)anthracene

Concen: 4.90 ng/ul

RT: 21.69 min Scan# 3208

Delta R.T. 0.01 min

Lab File: BG018340.D

Acq: 9 Aug 2015 22:18

Instrument :

BNA_G

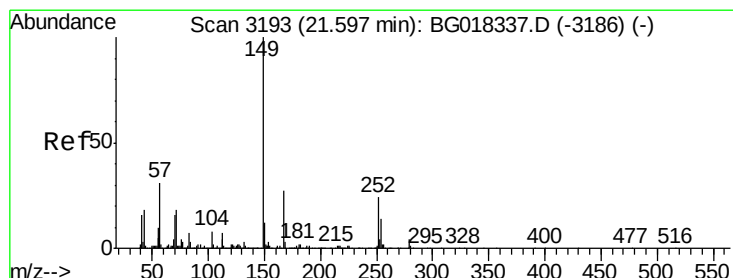
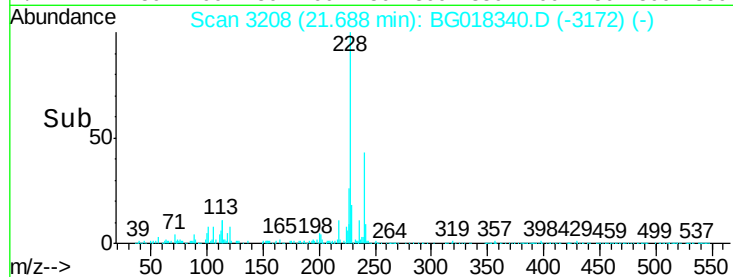
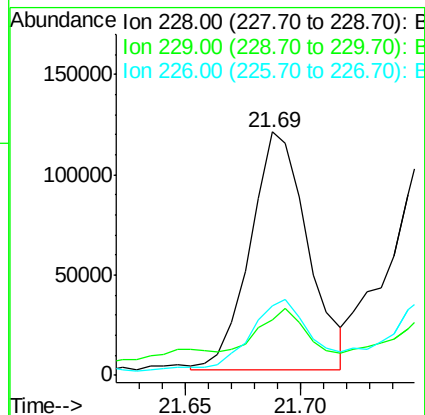
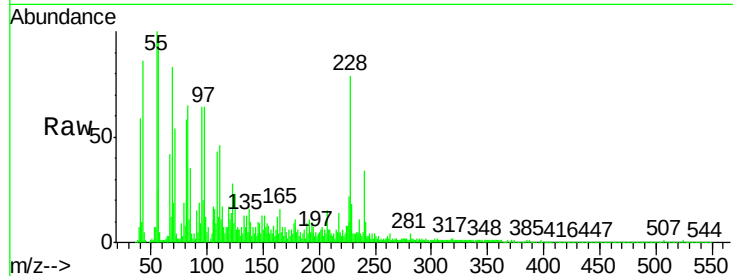
ClientSampleId :

C01T5

Tot Ion:	228	Resp:	206191
Ion Ratio	Lower	Upper	
228	100		
229	22.8	15.5	23.3
226	28.3	22.1	33.1

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 26.54 ng/ul

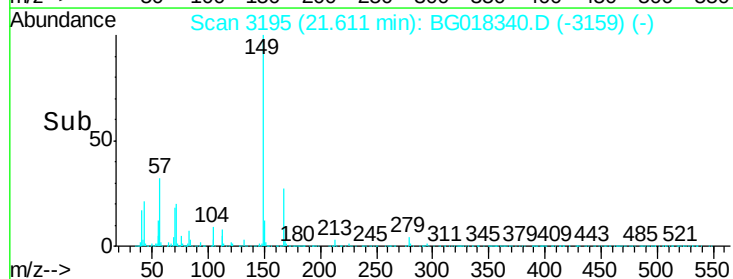
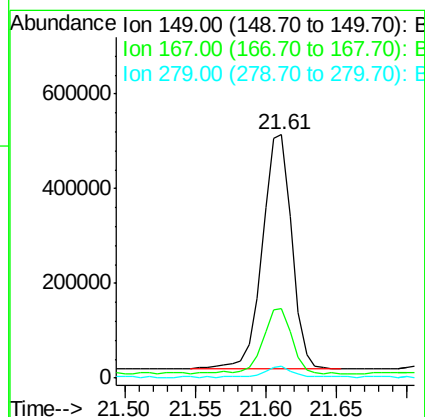
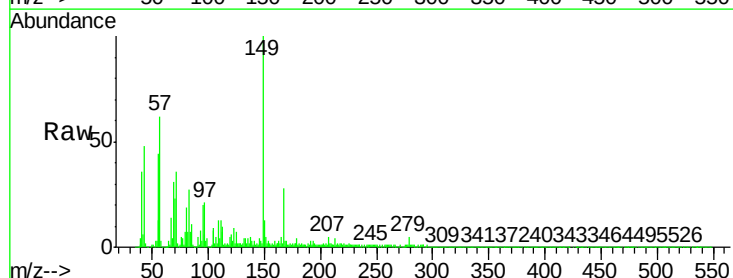
RT: 21.61 min Scan# 3195

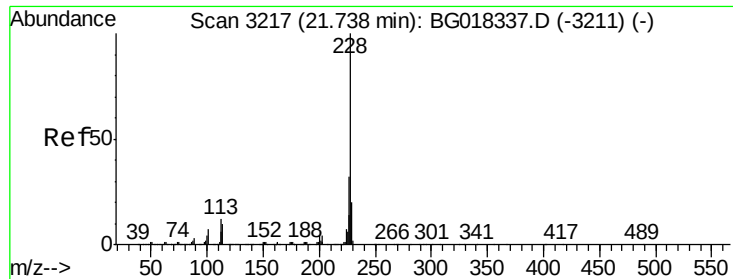
Delta R.T. 0.01 min

Lab File: BG018340.D

Acq: 9 Aug 2015 22:18

Tgt Ion:	149	Resp:	728648
Ion Ratio	Lower	Upper	
149	100		
167	28.4	22.2	33.2
279	4.7	2.8	4.2#





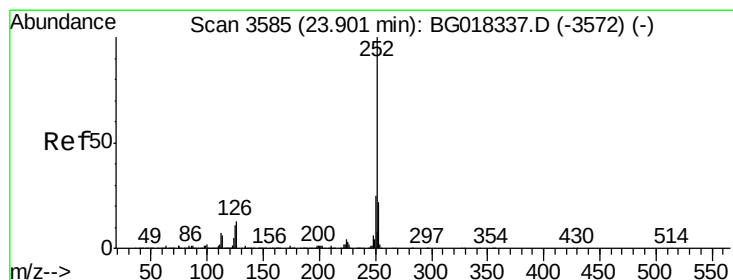
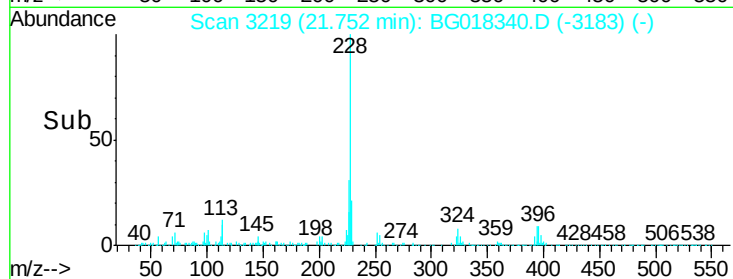
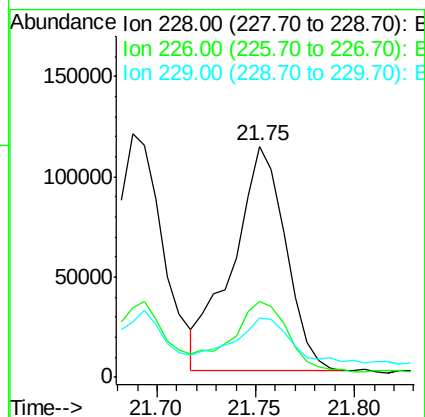
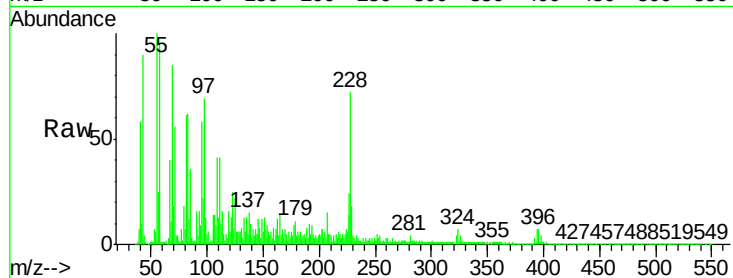
#85
Chrysene
Concen: 5.26 ng/ul m
RT: 21.75 min Scan# 3219
Delta R.T. 0.01 min
Lab File: BG018340.D
Acq: 9 Aug 2015 22:18

Instrument :
BNA_G
ClientSampleId :
C01T5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		207019		
226	32.8	26.5	39.7		
229	25.4	16.9	25.3#		

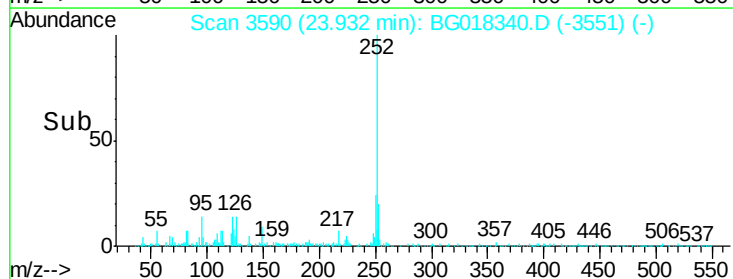
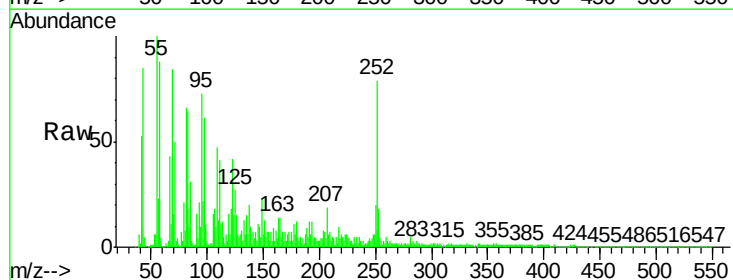
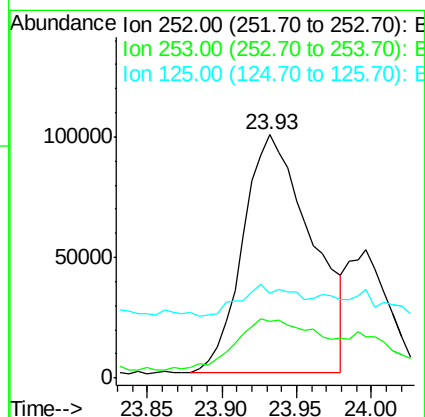
Manual Integrations
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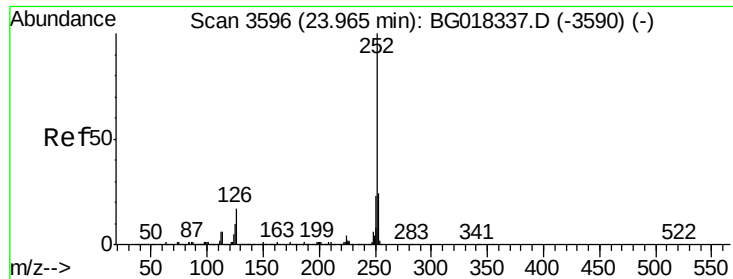
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#88
Benzo(b)fluoranthene
Concen: 7.41 ng/ul
RT: 23.93 min Scan# 3590
Delta R.T. 0.03 min
Lab File: BG018340.D
Acq: 9 Aug 2015 22:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		313296		
253	23.1	18.1	27.1		
125	34.8	8.3	12.5#		





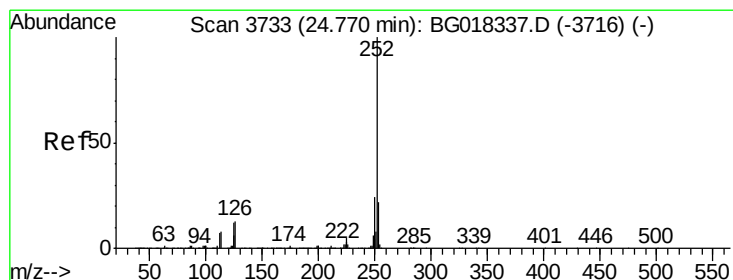
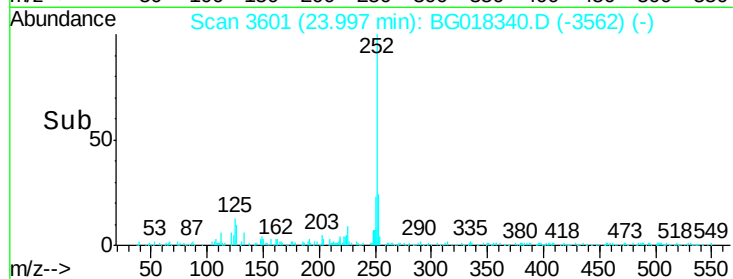
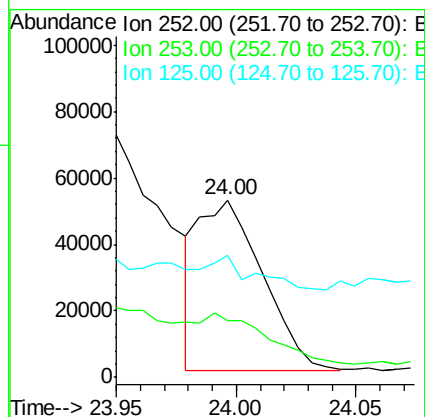
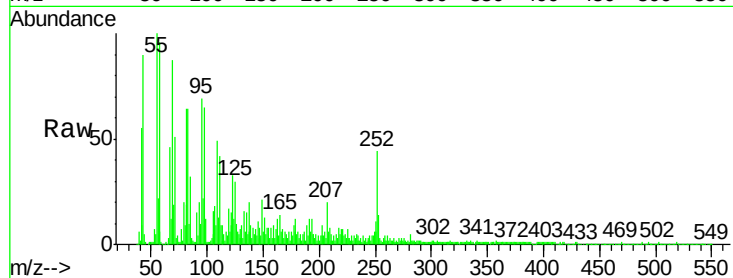
#89
Benzo(k)fluoranthene
Concen: 2.36 ng/ul m
RT: 24.00 min Scan# 3601
Delta R.T. 0.03 min
Lab File: BG018340.D
Acq: 9 Aug 2015 22:18

Instrument :
BNA_G
ClientSampled :
C01T5

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.0	17.8	26.6#
125	68.9	9.0	13.4#

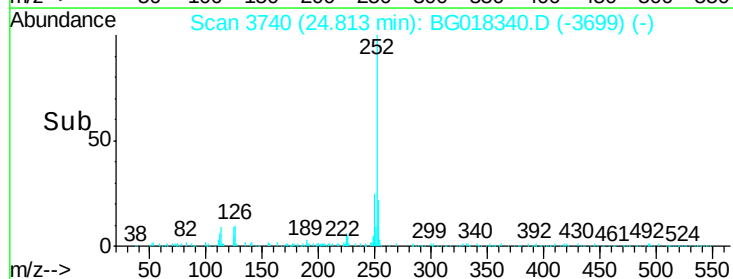
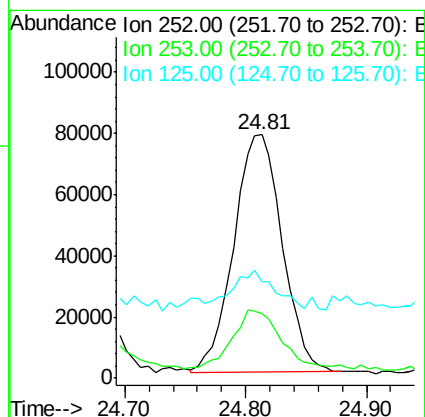
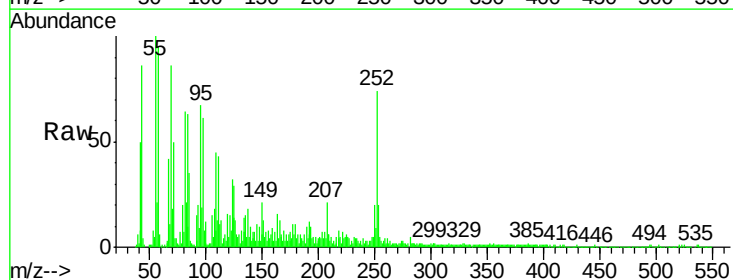
Manual Integrations
APPROVED

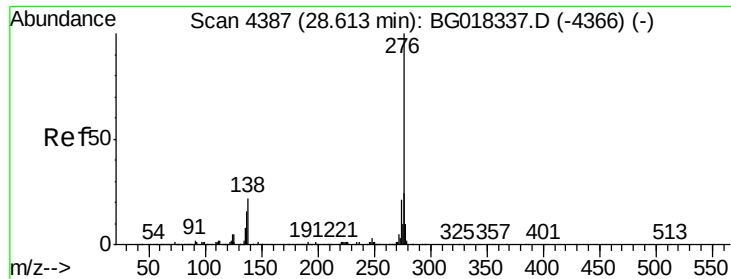
MMDadoda
8/10/2015 7:26:05 PM



#91
Benzo(a)pyrene
Concen: 5.37 ng/ul
RT: 24.81 min Scan# 3740
Delta R.T. 0.04 min
Lab File: BG018340.D
Acq: 9 Aug 2015 22:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.7	26.5#
125	39.6	10.2	15.2#





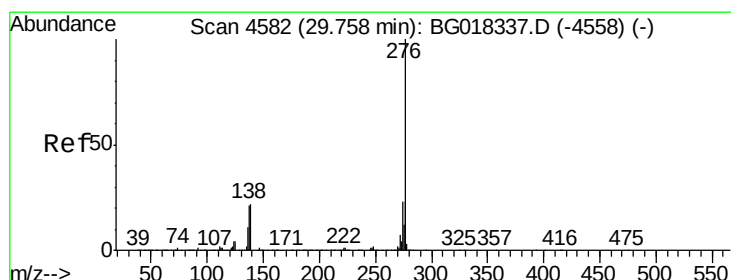
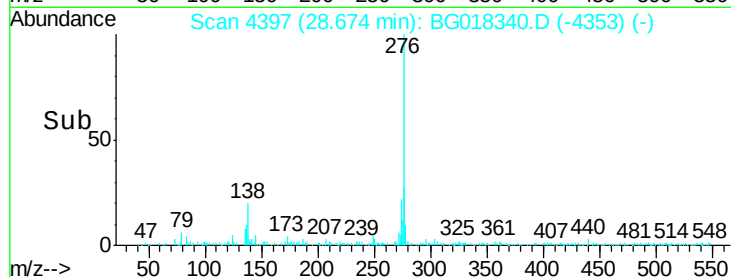
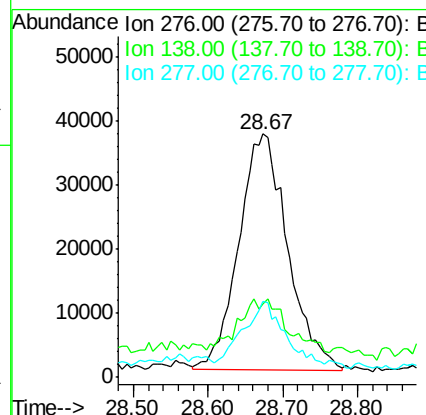
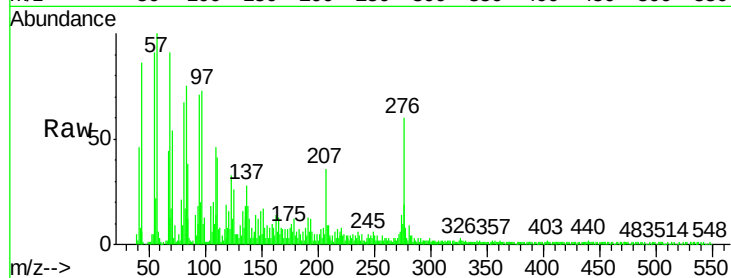
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 3.60 ng/ul
 RT: 28.67 min Scan# 4397
 Delta R.T. 0.06 min
 Lab File: BG018340.D
 Acq: 9 Aug 2015 22:18

Instrument :
 BNA_G
 ClientSampleId :
 C01T5

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.2	15.8	23.6#
277	31.0	18.9	28.3#

Manual Integrations
 APPROVED

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 8/10/2015 7:26:05 PM



#94
 Benzo(g,h,i)perylene
 Concen: 4.03 ng/ul
 RT: 29.83 min Scan# 4594
 Delta R.T. 0.07 min
 Lab File: BG018340.D
 Acq: 9 Aug 2015 22:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.4	16.5	24.7#
277	28.5	19.0	28.6

