

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
 Data File : BG018347.D
 Acq On : 10 Aug 2015 2:43
 Operator : UM/TP
 Sample : G3136-21
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 C02K8

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 7:26:57 PM

Quant Time: Aug 10 08:36:08 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	8.08	152	139148	20.00	ng/ul	0.01
18) Naphthalene-d8	10.88	136	660008	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.70	164	398739	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.45	188	812831	20.00	ng/ul	0.02
78) Chrysene-d12	21.72	240	683650	20.00	ng/ul	0.03
86) Perylene-d12	24.98	264	675667	20.00	ng/ul	0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	3508	1.11	ng/uL	0.00
5) Phenol-d5	7.23	99	77636	6.15	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.40	67	62652	8.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	69450	7.18	ng/ul	0.01
13) 4-Methylphenol-d8	8.77	113	19871	1.87	ng/ul	0.01
19) Nitrobenzene-d5	9.24	128	40544	7.88	ng/ul	0.01
22) 2-Nitrophenol-d4	9.96	143	39011	7.44	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.50	165	62852	5.65	ng/ul	0.01
29) 4-Chloroaniline-d4	11.01	131	44215	3.52	ng/ul	0.01
44) Dimethylphthalate-d6	14.10	166	234446	6.99	ng/ul	0.01
47) Acenaphthylene-d8	14.39	160	262889	6.22	ng/ul	0.01
52) 4-Nitrophenol-d4	14.88	143	16783	2.78	ng/ul	0.03
58) Fluorene-d10	15.69	176	165853	5.68	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.79	200	1145	0.29	ng/ul	0.01
71) Anthracene-d10	17.54	188	224565	5.78	ng/ul	0.01
79) Pyrene-d10	19.82	212	215648	6.08	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.76	264	190597	5.31	ng/ul	0.05

Target Compounds

						Ovalue
14) Acetophenone	8.88	105	17041	1.11	ng/ul#	52
45) Dimethylphthalate	14.14	163	144481	4.37	ng/ul#	96
70) Phenanthrene	17.48	178	153743	3.49	ng/ul	97
72) Anthracene	17.48	178	153743	3.42	ng/ul	97
76) Di-n-butylphthalate	18.40	149	178489	3.47	ng/ul#	96
77) Fluoranthene	19.49	202	264401	5.61	ng/ul	99
80) Pyrene	19.85	202	293335	6.35	ng/ul	97
83) Benzo(a)anthracene	21.70	228	123008	2.90	ng/ul#	85
84) Bis(2-ethylhexyl)phthalate	21.61	149	584349	21.15	ng/ul	100
85) Chrysene	21.76	228	138469	3.49	ng/ul#	94
88) Benzo(b)fluoranthene	23.94	252	174323	4.11	ng/ul#	65
89) Benzo(k)fluoranthene	24.00	252	73315m	1.79	ng/ul	
91) Benzo(a)pyrene	24.83	252	119494	2.96	ng/ul#	63
92) Indeno(1,2,3-cd)pyrene	28.70	276	84863	1.82	ng/ul#	80
94) Benzo(g,h,i)perylene	29.85	276	57622m	1.47	ng/ul	

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

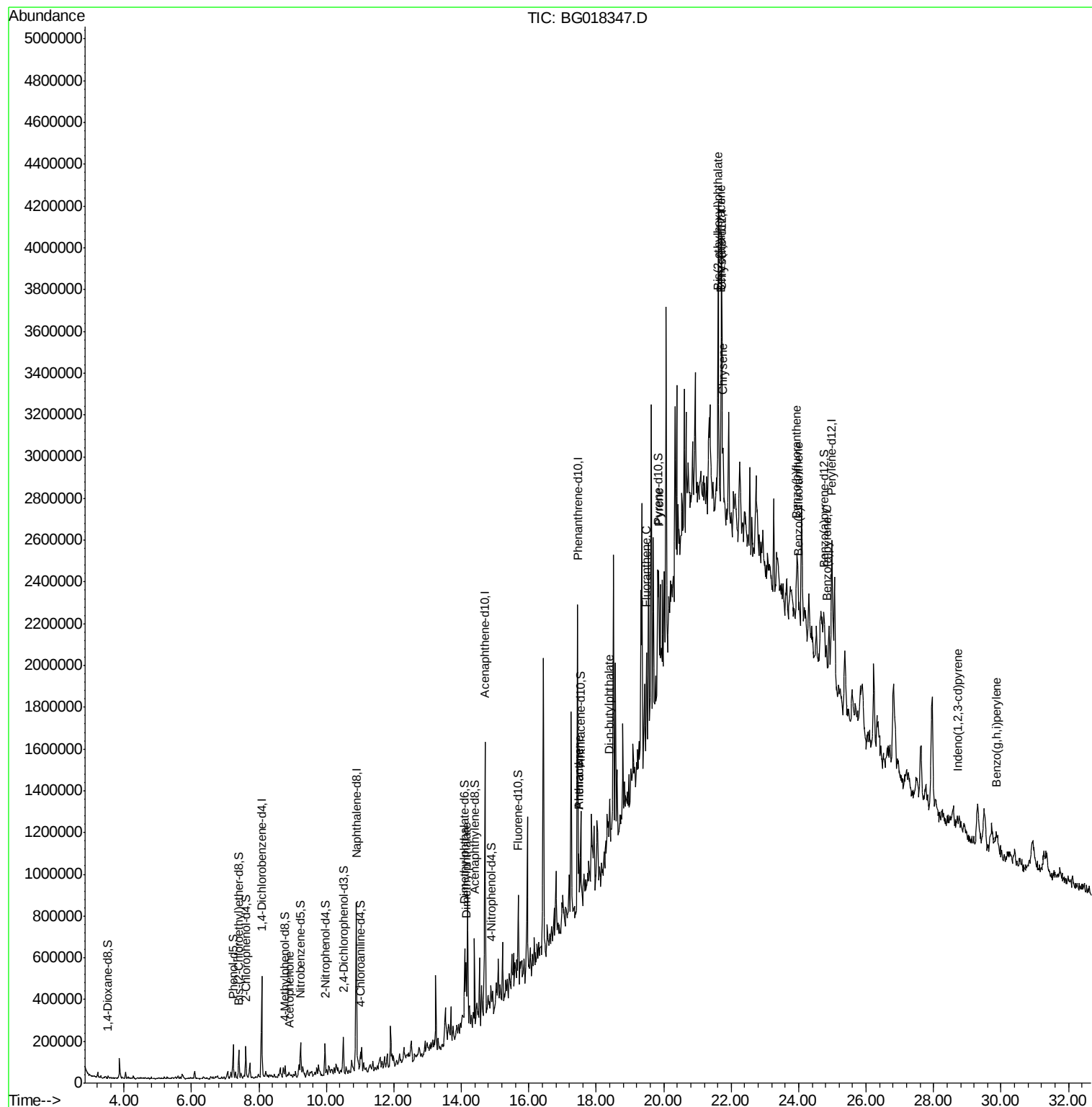
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018347.D
Acq On : 10 Aug 2015 2:43
Operator : UM/TP
Sample : G3136-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

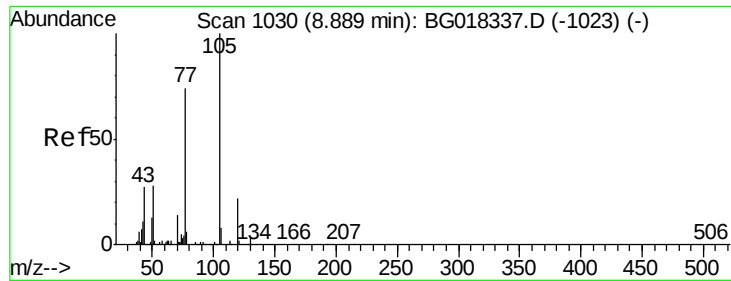
Instrument :
BNA_G
ClientSampleId :
C02K8

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:26:57 PM

Quant Time: Aug 10 08:36:08 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





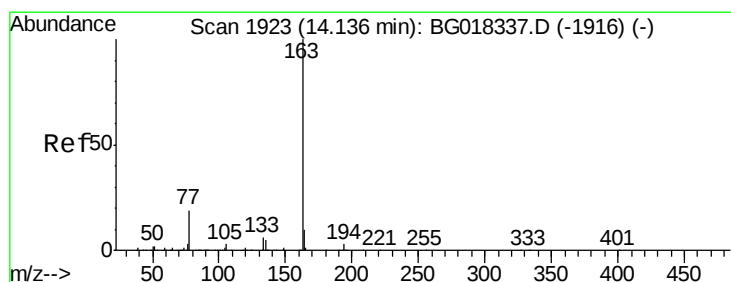
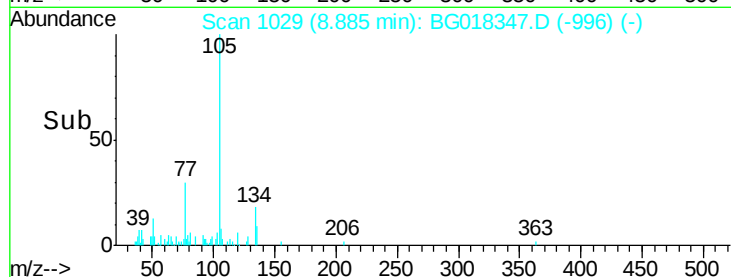
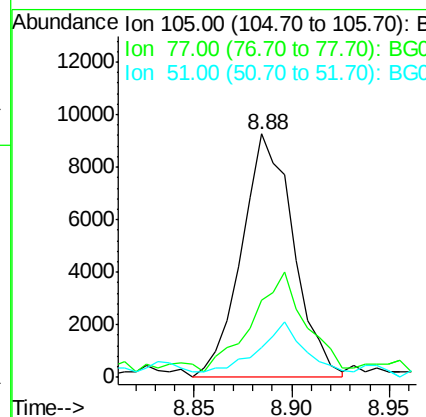
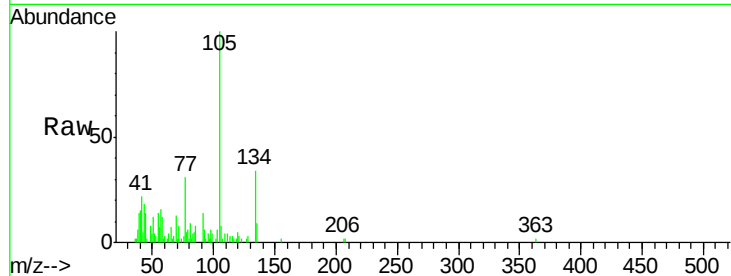
#14
Acetophenone
Concen: 1.11 ng/ul
RT: 8.88 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG018347.D
Acq: 10 Aug 2015 2:43

Instrument :
BNA_G
ClientSampleId :
C02K8

Tot Ion	Ratio	Resp	Lower	Upper
105	100	17041		
77	31.5	61.9	92.9#	
51	12.2	25.5	38.3#	

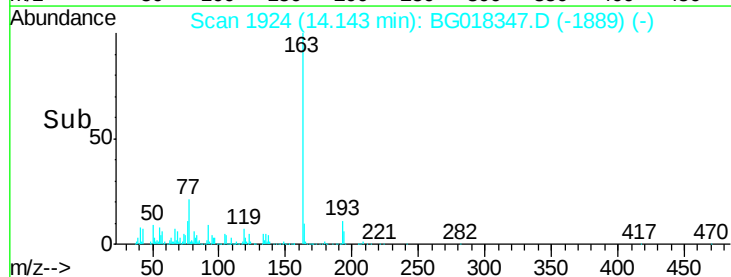
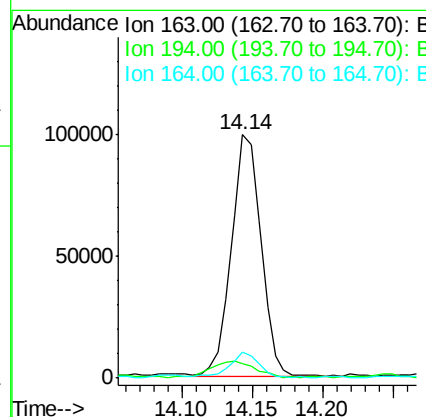
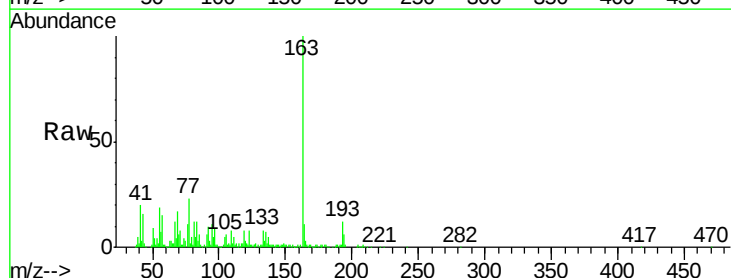
Manual Integrations
APPROVED

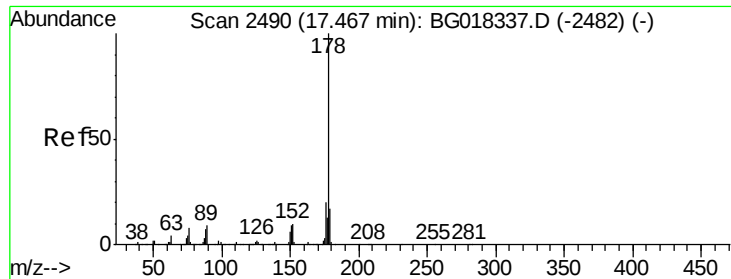
MMDadoda
8/10/2015 7:26:57 PM



#45
Dimethylphthalate
Concen: 4.37 ng/ul
RT: 14.14 min Scan# 1924
Delta R.T. 0.01 min
Lab File: BG018347.D
Acq: 10 Aug 2015 2:43

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	144481		
194	5.9	2.9	4.3#	
164	10.6	7.7	11.5	





#70

Phenanthrene

Concen: 3.49 ng/ul

RT: 17.48 min Scan# 2492

Delta R.T. 0.01 min

Lab File: BG018347.D

Acq: 10 Aug 2015 2:43

Instrument :

BNA_G

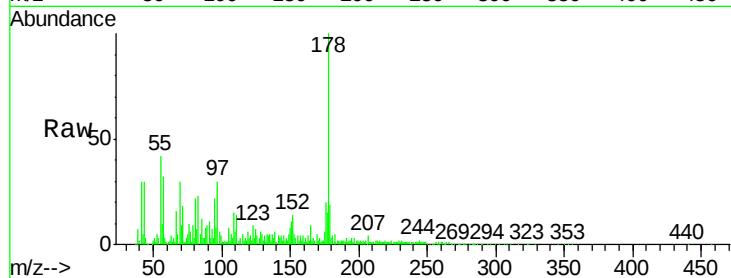
ClientSampled :

C02K8

Tot Ion:	178	Resp:	153743
Ion Ratio	Lower	Upper	
178	100		
179	19.1	13.7	20.5
176	20.0	16.6	24.8

Manual Integrations
APPROVED

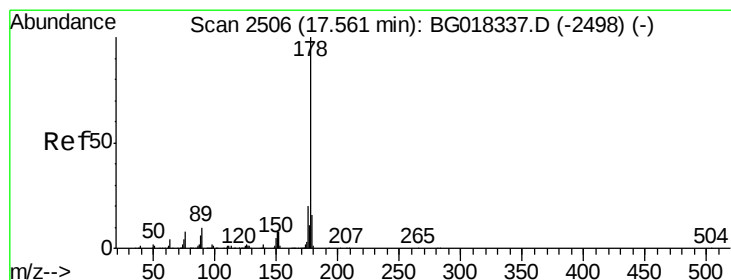
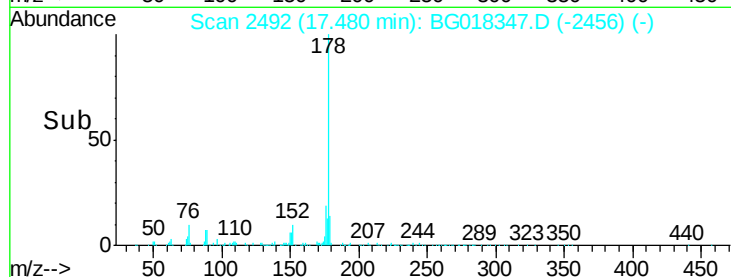
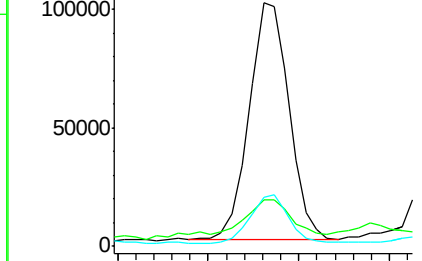
MMDadoda
8/10/2015 7:26:57 PM



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



#72

Anthracene

Concen: 3.42 ng/ul

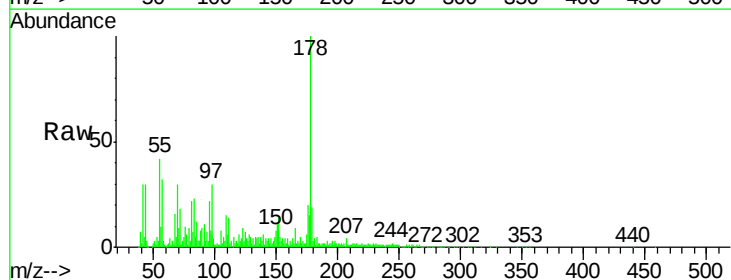
RT: 17.48 min Scan# 2492

Delta R.T. -0.08 min

Lab File: BG018347.D

Acq: 10 Aug 2015 2:43

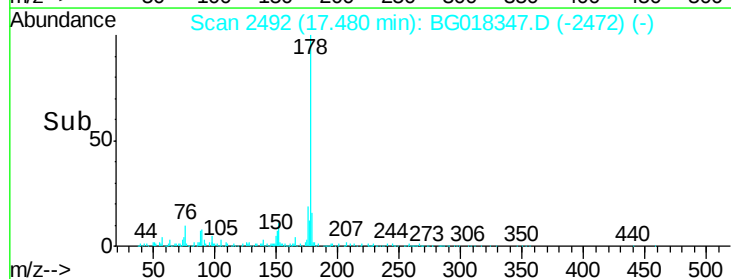
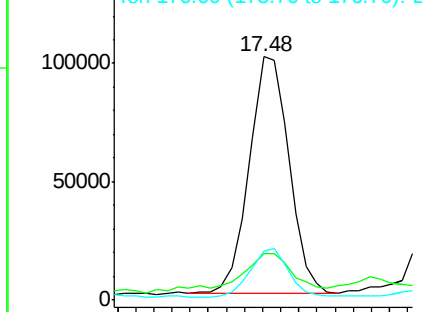
Tgt Ion:	178	Resp:	153743
Ion Ratio	Lower	Upper	
178	100		
179	19.1	13.0	19.4
176	20.0	16.0	24.0

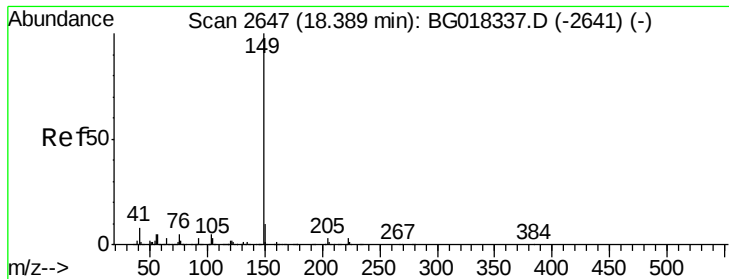


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





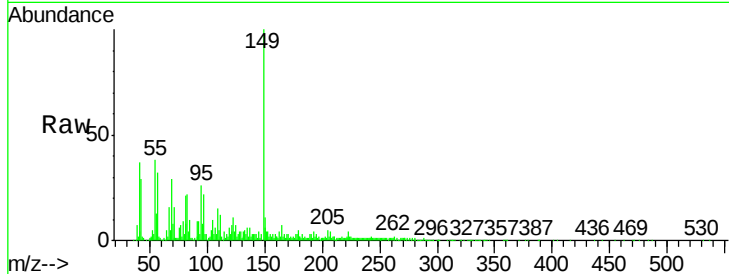
#76
Di-n-butylphthalate
Concen: 3.47 ng/ul
RT: 18.40 min Scan# 2649
Delta R.T. 0.01 min
Lab File: BG018347.D
Acq: 10 Aug 2015 2:43

Instrument :
BNA_G
ClientSampleId :
C02K8

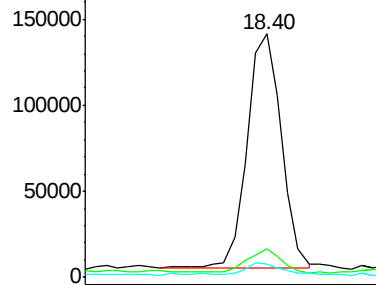
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	11.5	7.5	11.3	
104	5.3	4.3	6.5	

Manual Integrations
APPROVED

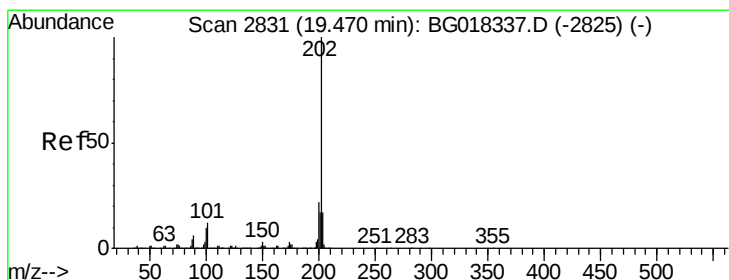
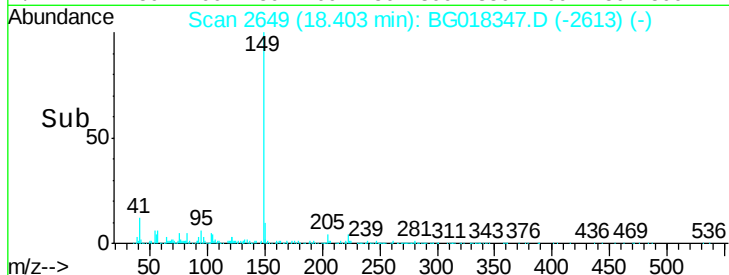
MMDadoda
8/10/2015 7:26:57 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

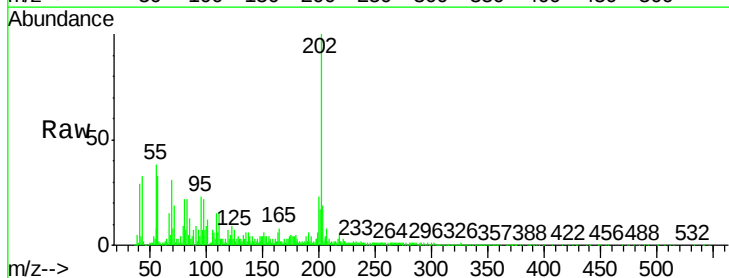


Time-->

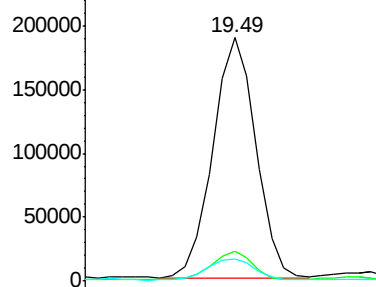


#77
Fluoranthene
Concen: 5.61 ng/ul
RT: 19.49 min Scan# 2834
Delta R.T. 0.02 min
Lab File: BG018347.D
Acq: 10 Aug 2015 2:43

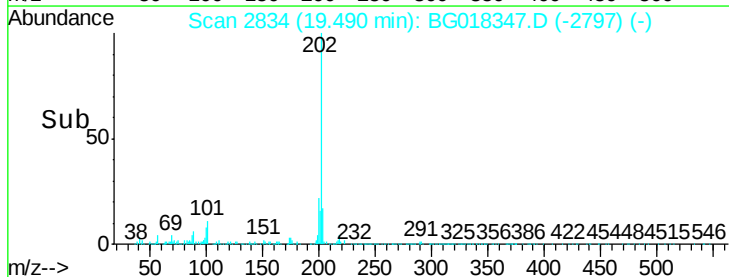
Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.1	9.7	14.5	
100	9.1	7.8	11.8	

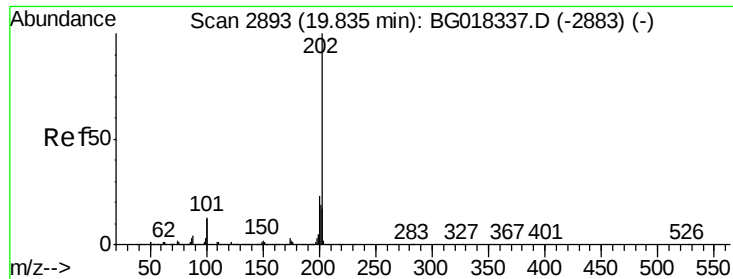


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





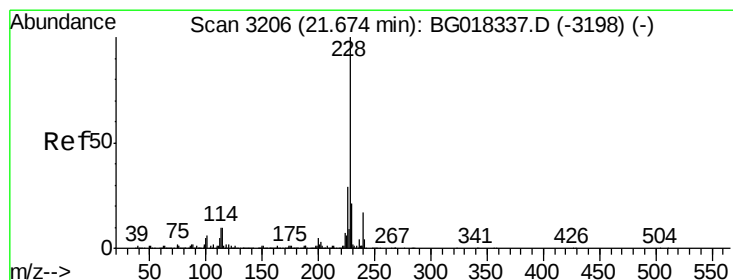
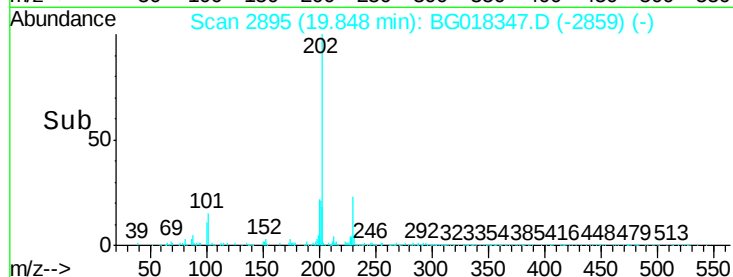
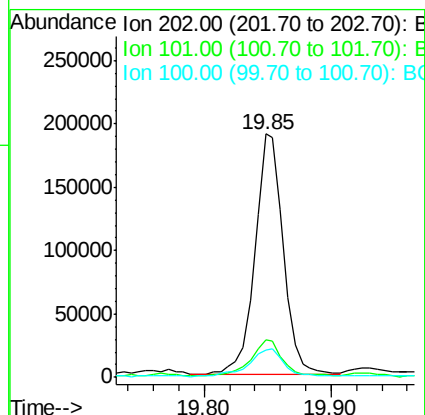
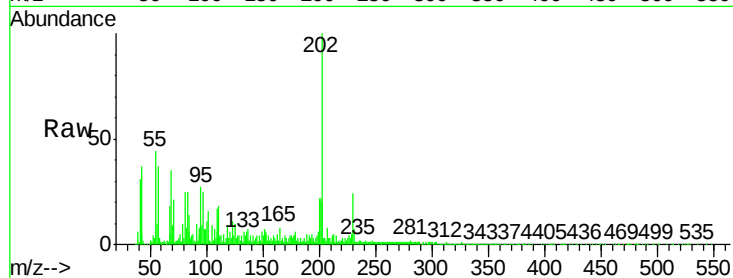
#80
Pvrene
Concen: 6.35 ng/ul
RT: 19.85 min Scan# 2895
Delta R.T. 0.01 min
Lab File: BG018347.D
Acq: 10 Aug 2015 2:43

Instrument :
BNA_G
ClientSampleId :
C02K8

Tot Ion:	202	Resp:	293335
Ion Ratio	Lower	Upper	
202	100		
101	15.7	11.0	16.4
100	11.5	9.8	14.6

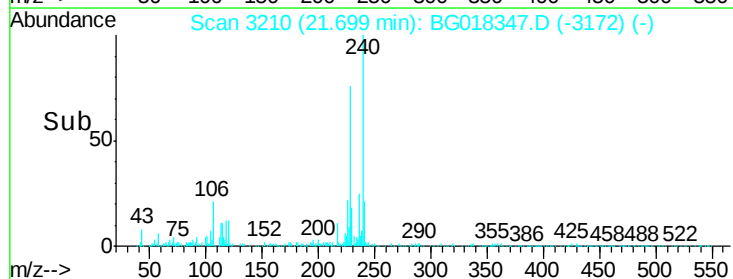
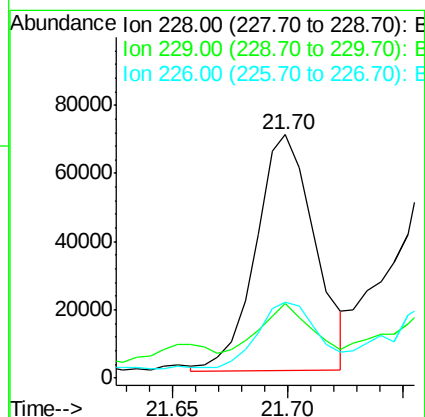
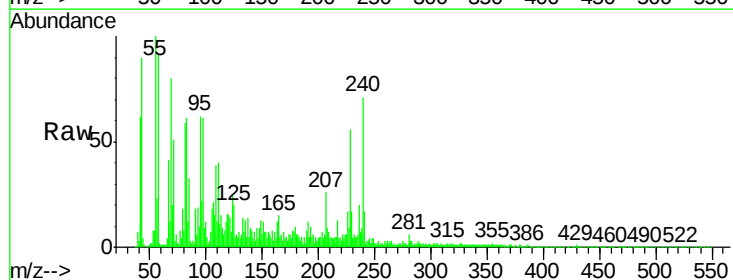
Manual Integrations
APPROVED

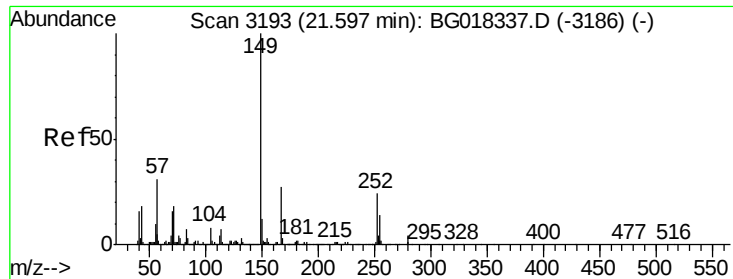
MMDadoda
8/10/2015 7:26:57 PM



#83
Benzo(a)anthracene
Concen: 2.90 ng/ul
RT: 21.70 min Scan# 3210
Delta R.T. 0.03 min
Lab File: BG018347.D
Acq: 10 Aug 2015 2:43

Tgt Ion:	228	Resp:	123008
Ion Ratio	Lower	Upper	
228	100		
229	30.8	15.5	23.3#
226	31.4	22.1	33.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 21.15 ng/ul

RT: 21.61 min Scan# 3195

Delta R.T. 0.01 min

Lab File: BG018347.D

Acq: 10 Aug 2015 2:43

Instrument :

BNA_G

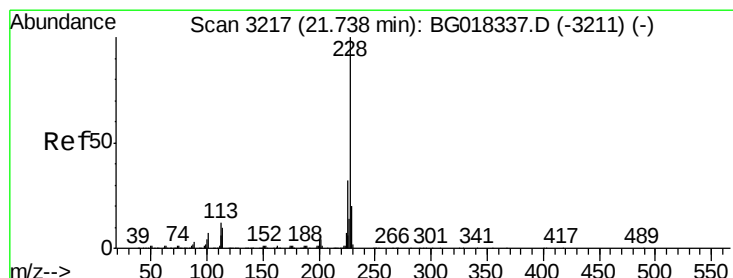
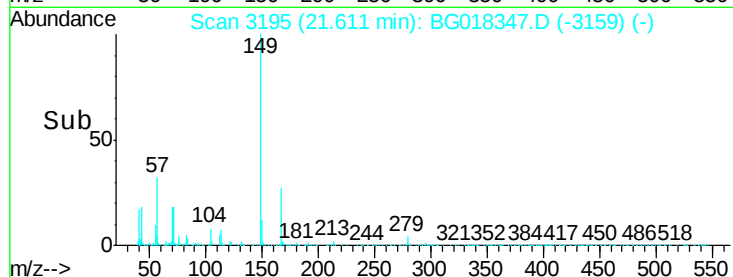
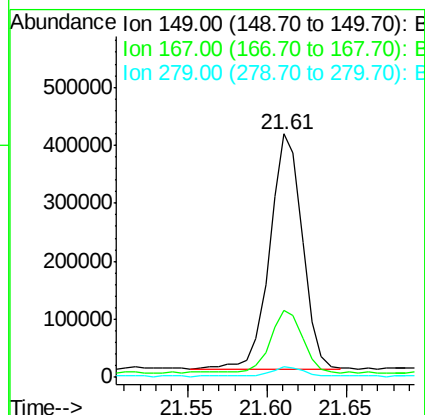
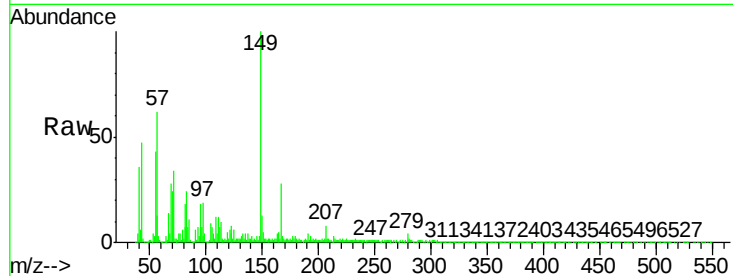
ClientSampled :

C02K8

Tot Ion:	149	Resp:	584349
Ion Ratio	Lower	Upper	
149	100		
167	27.7	22.2	33.2
279	4.1	2.8	4.2

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:26:57 PM



#85

Chrysene

Concen: 3.49 ng/ul

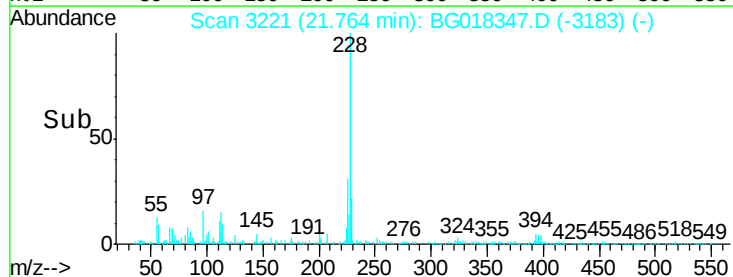
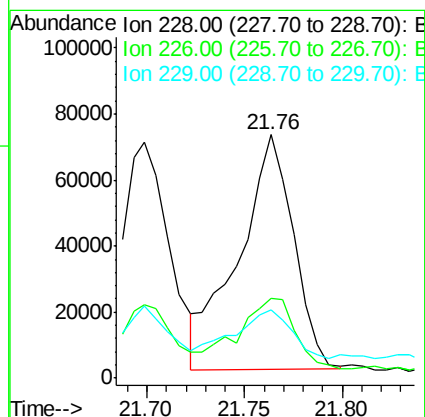
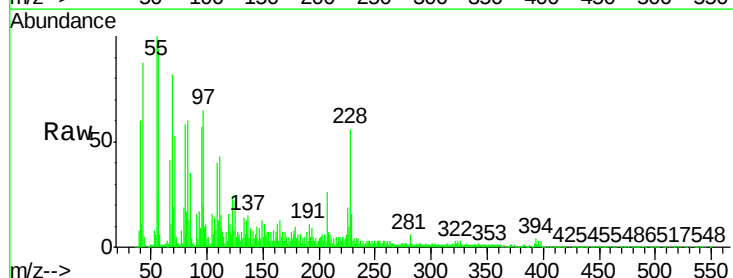
RT: 21.76 min Scan# 3221

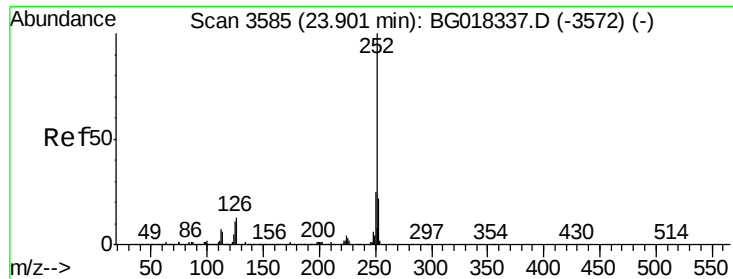
Delta R.T. 0.03 min

Lab File: BG018347.D

Acq: 10 Aug 2015 2:43

Tgt Ion:	228	Resp:	138469
Ion Ratio	Lower	Upper	
228	100		
226	33.0	26.5	39.7
229	28.0	16.9	25.3#





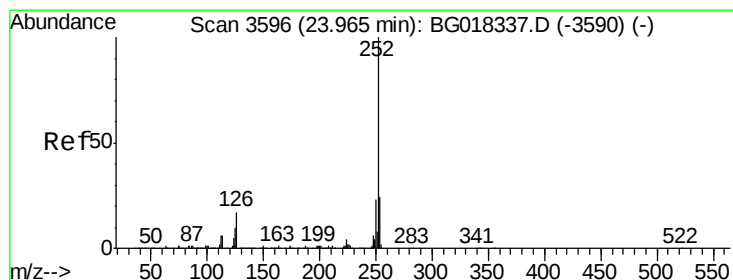
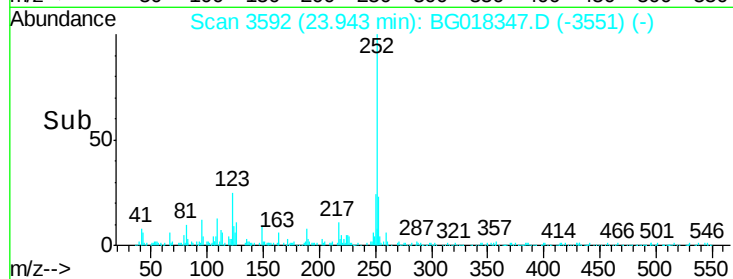
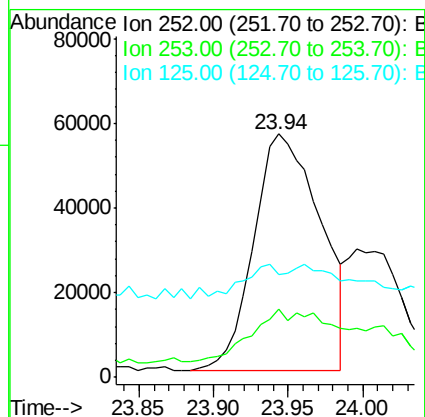
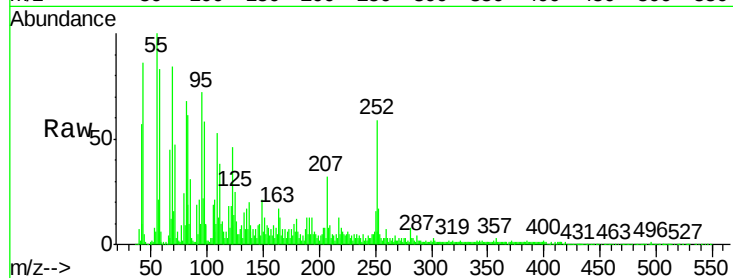
#88
Benzo(b)fluoranthene
Concen: 4.11 ng/ul
RT: 23.94 min Scan# 3592
Delta R.T. 0.04 min
Lab File: BG018347.D
Acq: 10 Aug 2015 2:43

Instrument :
BNA_G
ClientSampleId :
C02K8

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	28.3	18.1	27.1#	
125	42.4	8.3	12.5#	

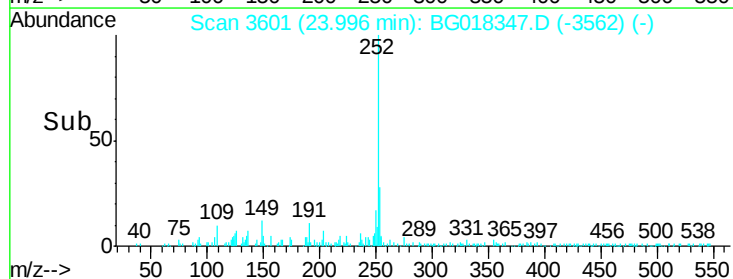
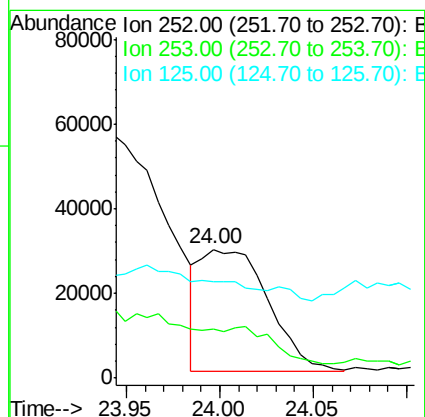
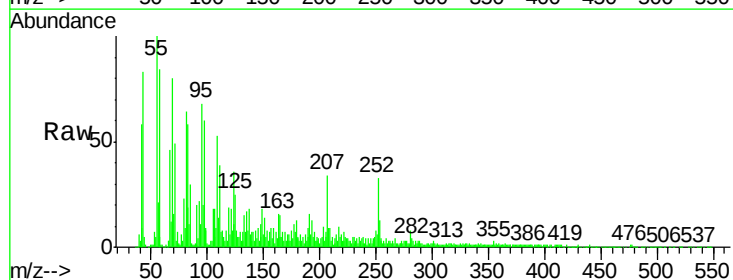
Manual Integrations
APPROVED

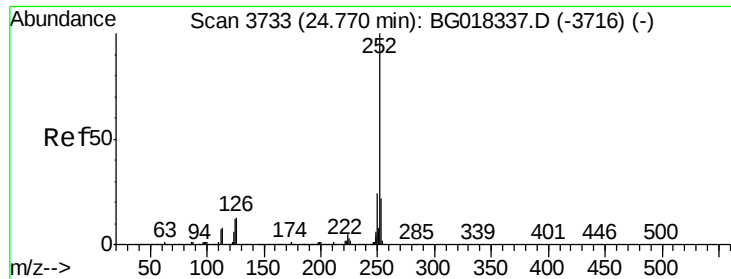
MMDadoda
8/10/2015 7:26:57 PM



#89
Benzo(k)fluoranthene
Concen: 1.79 ng/ul m
RT: 24.00 min Scan# 3601
Delta R.T. 0.03 min
Lab File: BG018347.D
Acq: 10 Aug 2015 2:43

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	38.2	17.8	26.6#	
125	75.3	9.0	13.4#	





#91

Benzo(a)pyrene

Concen: 2.96 ng/ul

RT: 24.83 min Scan# 3743

Delta R.T. 0.06 min

Lab File: BG018347.D

Acq: 10 Aug 2015 2:43

Instrument :

BNA_G

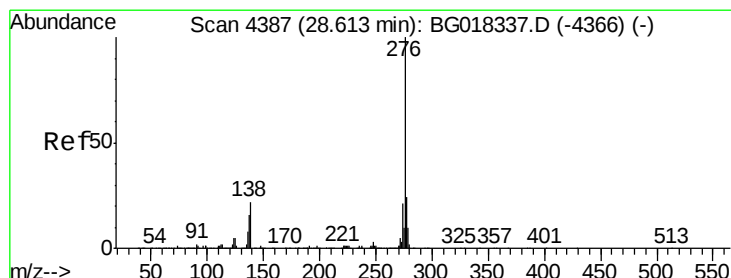
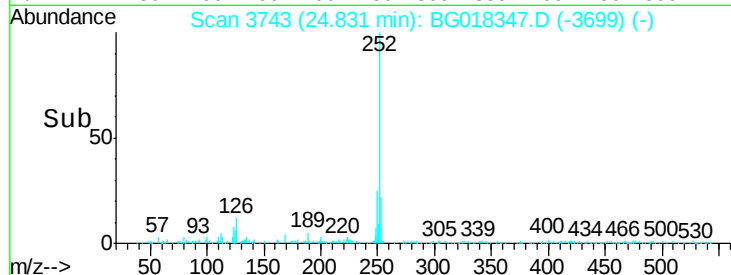
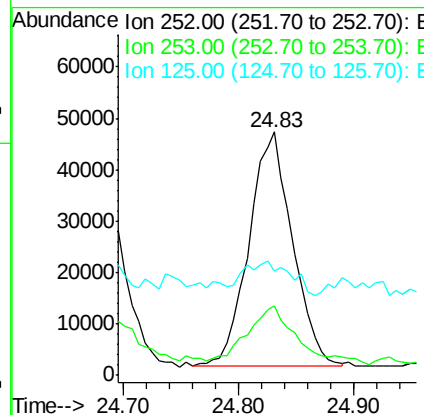
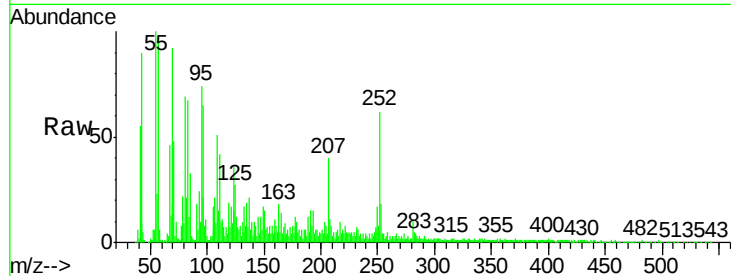
ClientSampled :

C02K8

Tot Ion:	252	Resp:	119494
Ion Ratio	Lower	Upper	
252	100		
253	28.7	17.7	26.5#
125	43.0	10.2	15.2#

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:26:57 PM



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.82 ng/ul

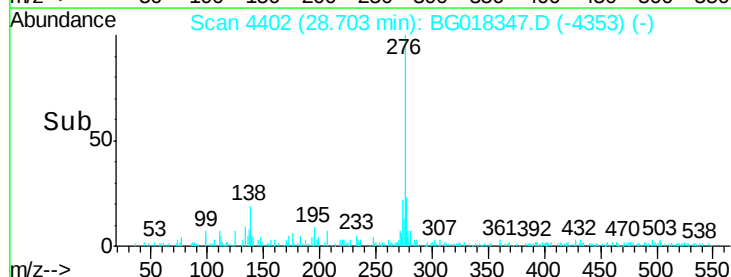
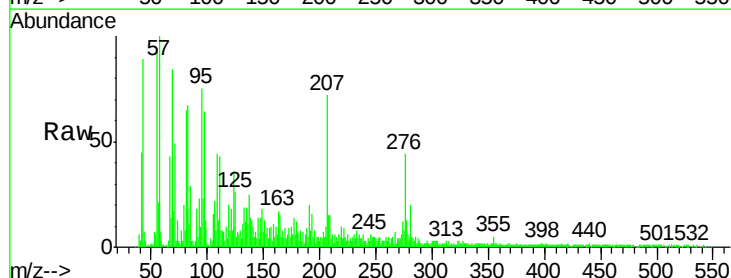
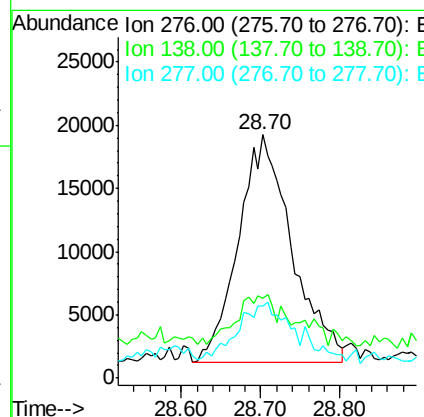
RT: 28.70 min Scan# 4402

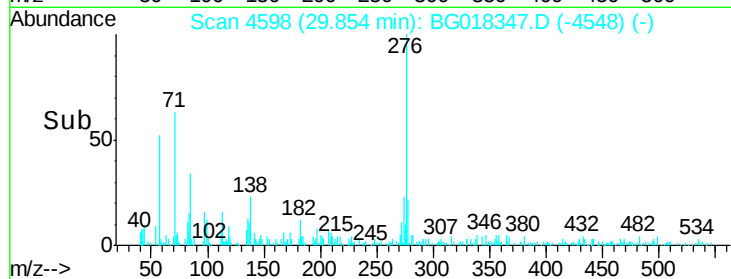
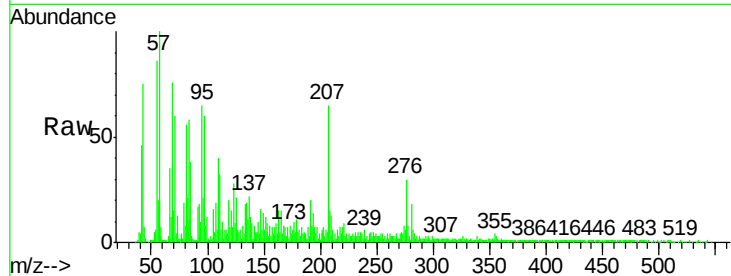
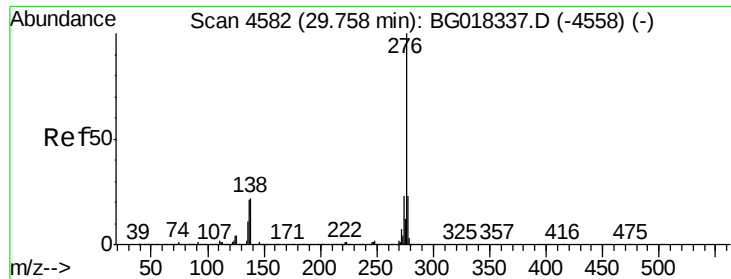
Delta R.T. 0.09 min

Lab File: BG018347.D

Acq: 10 Aug 2015 2:43

Tgt Ion:	276	Resp:	84863
Ion Ratio	Lower	Upper	
276	100		
138	32.6	15.8	23.6#
277	29.6	18.9	28.3#





#94

Benzo(a,h,i)perylene

Concen: 1.47 ng/ul m

RT: 29.85 min Scan# 4598

Delta R.T. 0.10 min

Lab File: BG018347.D

Acq: 10 Aug 2015 2:43

Tot Ion:	276	Resp:	57622
Ion Ratio	Lower	Upper	
276	100		
138	40.5	16.5	24.7#
277	26.9	19.0	28.6

Instrument :

BNA_G

ClientSampleId :

C02K8

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:26:57 PM

