

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
 Data File : BG018345.D
 Acq On : 10 Aug 2015 1:28
 Operator : UM/TP
 Sample : G3136-22
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01J6

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 7:26:43 PM

Quant Time: Aug 10 08:28:59 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	140558	20.00	ng/ul	0.01
18) Naphthalene-d8	10.89	136	733330	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.70	164	451408	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.44	188	910426	20.00	ng/ul	0.02
78) Chrysene-d12	21.72	240	782619	20.00	ng/ul	0.02
86) Perylene-d12	24.98	264	772091	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	4936	1.55	ng/uL	0.00
5) Phenol-d5	7.24	99	139598	10.94	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.40	67	86147	10.90	ng/ul	0.01
9) 2-Chlorophenol-d4	7.61	132	109563	11.21	ng/ul	0.02
13) 4-Methylphenol-d8	8.78	113	101504	9.47	ng/ul	0.02
19) Nitrobenzene-d5	9.24	128	57245	10.01	ng/ul	0.01
22) 2-Nitrophenol-d4	9.96	143	55318	9.50	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.50	165	116312	9.41	ng/ul	0.01
29) 4-Chloroaniline-d4	11.01	131	93018	6.66	ng/ul	0.01
44) Dimethylphthalate-d6	14.10	166	352760	9.29	ng/ul	0.01
47) Acenaphthylene-d8	14.39	160	444872	9.30	ng/ul	0.02
52) 4-Nitrophenol-d4	14.88	143	36243	5.31	ng/ul	0.02
58) Fluorene-d10	15.69	176	296982	8.98	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.80	200	2924	0.65	ng/ul	0.02
71) Anthracene-d10	17.54	188	398198	9.14	ng/ul	0.02
79) Pyrene-d10	19.82	212	388558	9.57	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.75	264	388505	9.48	ng/ul	0.05

Target Compounds

						Ovalue
28) Naphthalene	10.93	128	48592	1.25	ng/ul	99
45) Dimethylphthalate	14.15	163	188633	5.04	ng/ul#	98
70) Phenanthrene	17.49	178	293117	5.93	ng/ul	99
72) Anthracene	17.57	178	62165m	1.23	ng/ul	
77) Fluoranthene	19.49	202	672106	12.74	ng/ul	100
80) Pyrene	19.85	202	655100	12.38	ng/ul	99
83) Benzo(a)anthracene	21.70	228	347240	7.16	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.61	149	58264	1.84	ng/ul#	91
85) Chrysene	21.76	228	355816	7.84	ng/ul	99
88) Benzo(b)fluoranthene	23.94	252	519222	10.70	ng/ul#	92
89) Benzo(k)fluoranthene	24.00	252	179058m	3.83	ng/ul	
91) Benzo(a)pyrene	24.82	252	359903	7.80	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	28.69	276	277565	5.20	ng/ul#	92
93) Dibenzo(a,h)anthracene	28.72	278	67262m	1.52	ng/ul	
94) Benzo(g,h,i)perylene	29.84	276	209545m	4.68	ng/ul	

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

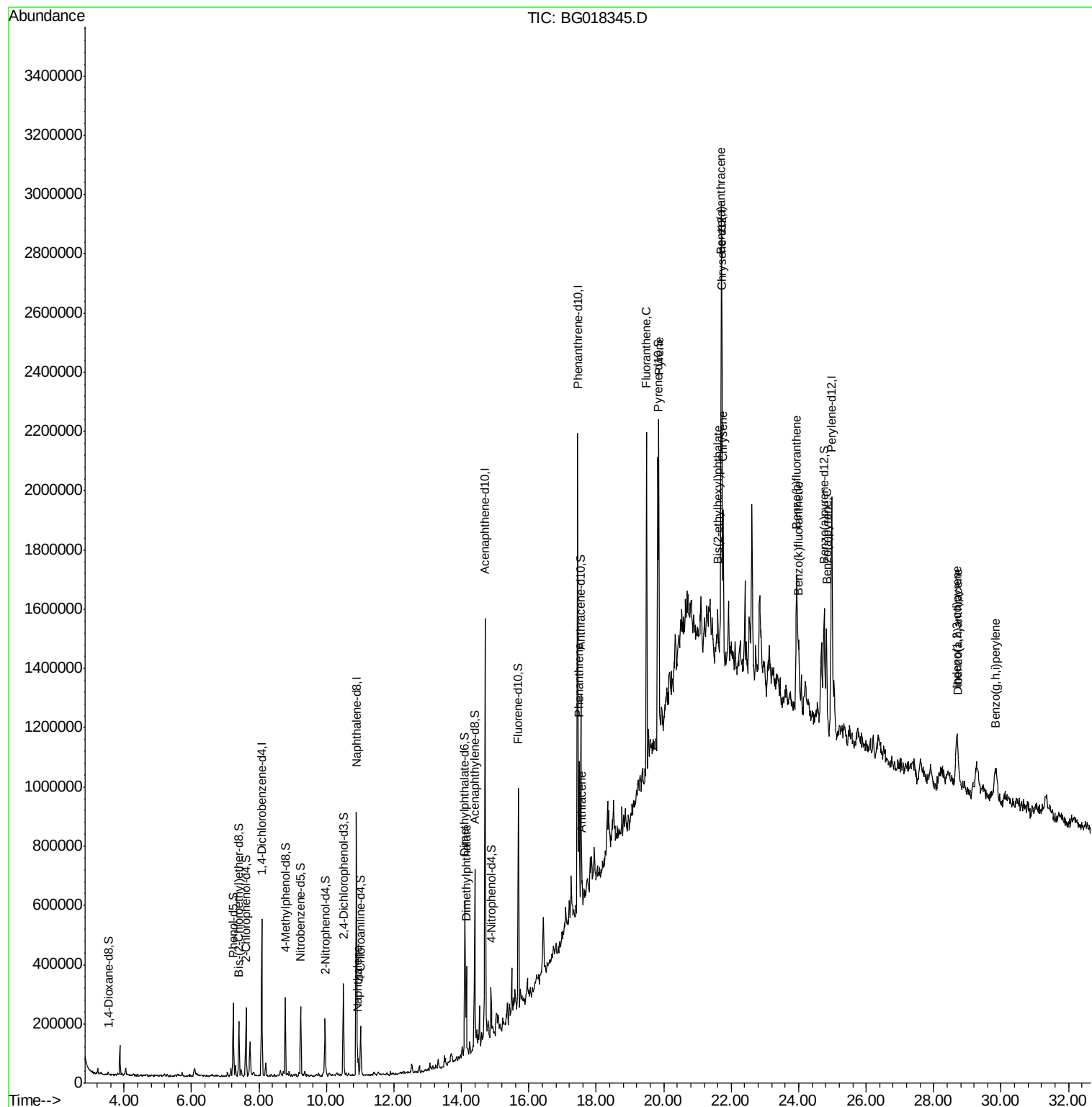
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080915\
Data File : BG018345.D
Acq On : 10 Aug 2015 1:28
Operator : UM/TP
Sample : G3136-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

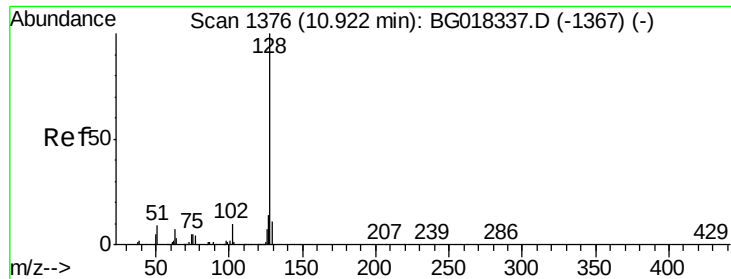
Instrument :
BNA_G
ClientSampleId :
C01J6

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:26:43 PM

Quant Time: Aug 10 08:28:59 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





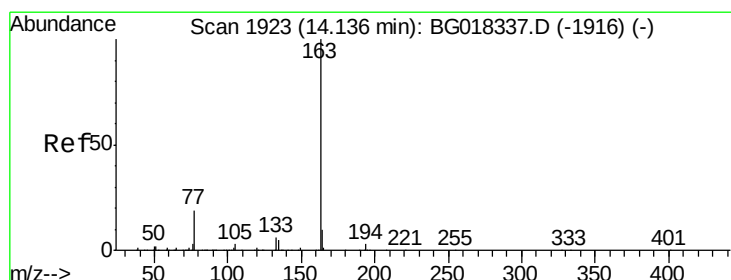
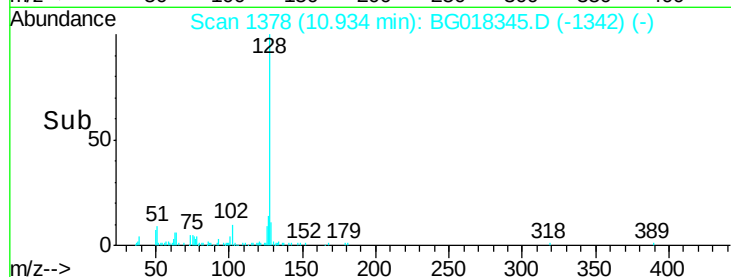
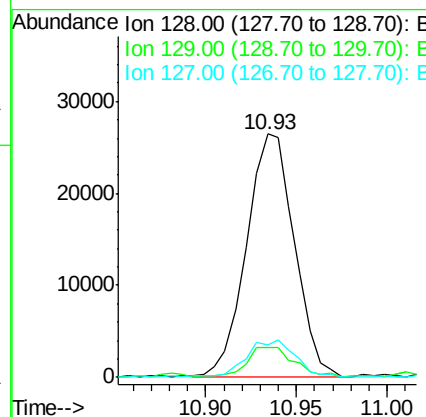
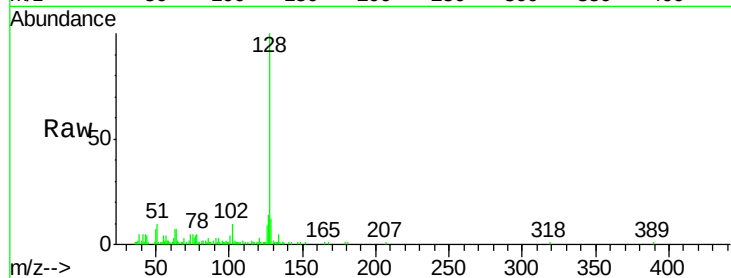
#28
Naphthalene
Concen: 1.25 ng/ul
RT: 10.93 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BG018345.D
Acq: 10 Aug 2015 1:28

Instrument :
BNA_G
ClientSampleId :
C01J6

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	12.2	9.6	14.4
127	13.5	10.5	15.7

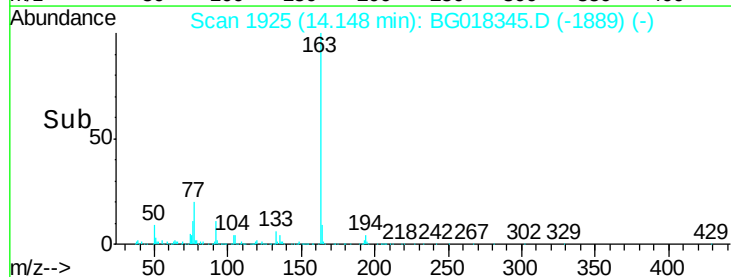
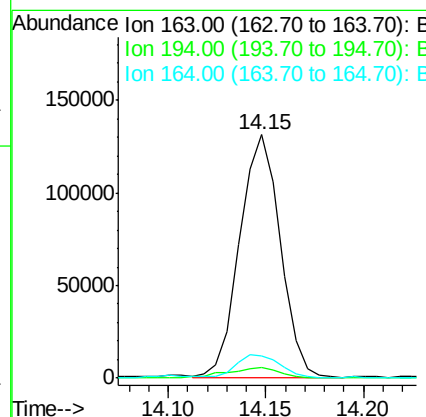
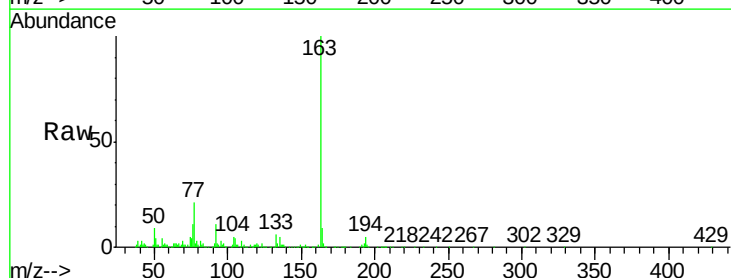
Manual Integrations
APPROVED

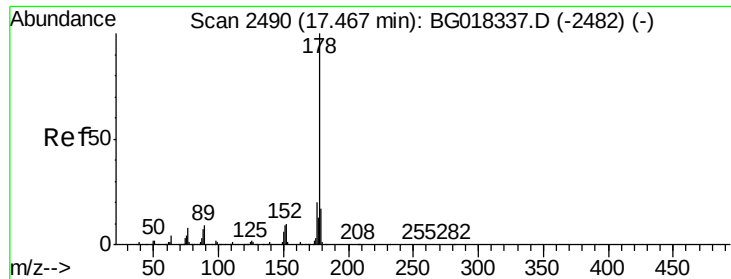
MMDadoda
8/10/2015 7:26:43 PM



#45
Dimethylphthalate
Concen: 5.04 ng/ul
RT: 14.15 min Scan# 1925
Delta R.T. 0.01 min
Lab File: BG018345.D
Acq: 10 Aug 2015 1:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.5	2.9	4.3#
164	9.2	7.7	11.5





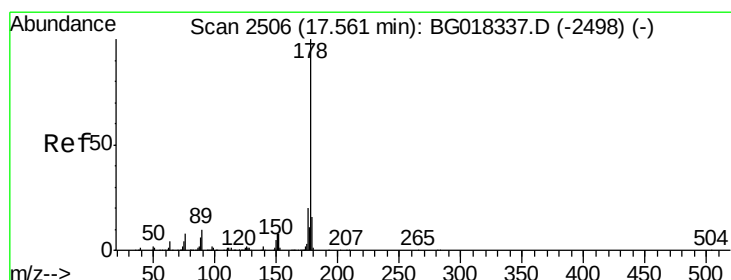
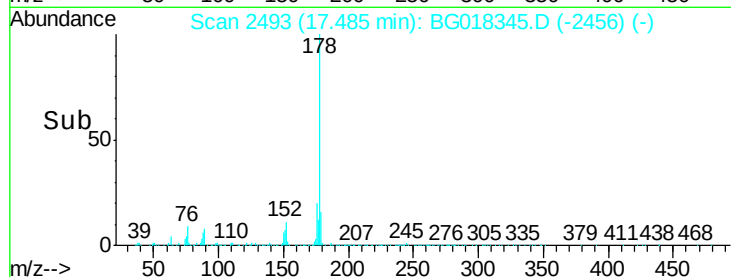
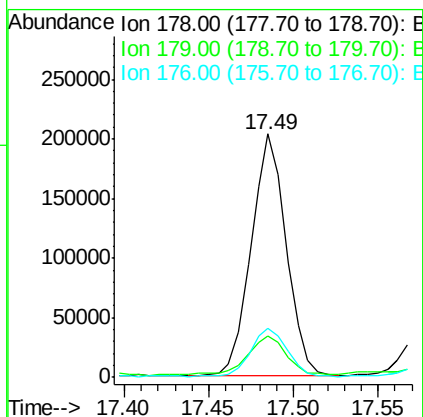
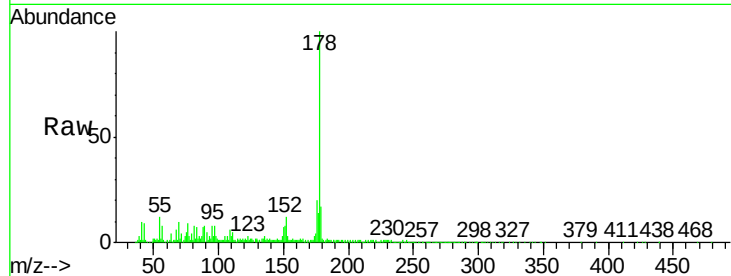
#70
Phenanthrene
Concen: 5.93 ng/ul
RT: 17.49 min Scan# 2493
Delta R.T. 0.02 min
Lab File: BG018345.D
Acq: 10 Aug 2015 1:28

Instrument :
BNA_G
ClientSampleId :
C01J6

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.7	20.5
176	20.0	16.6	24.8

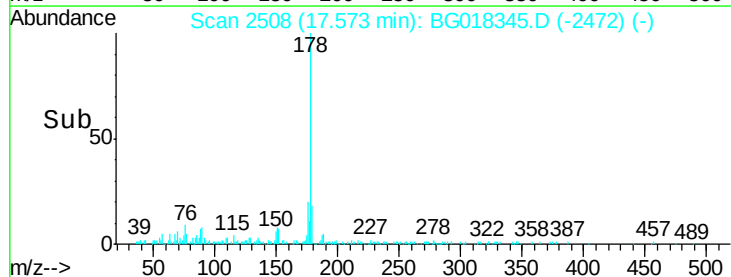
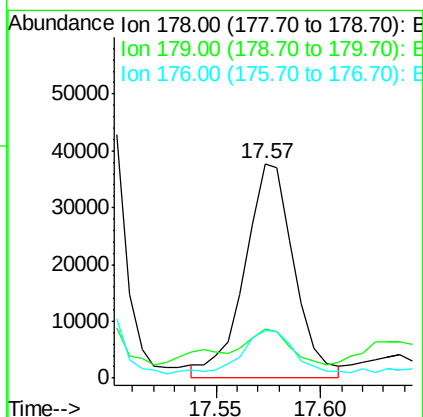
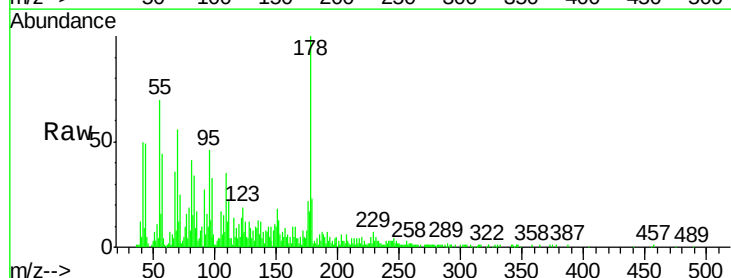
Manual Integrations
APPROVED

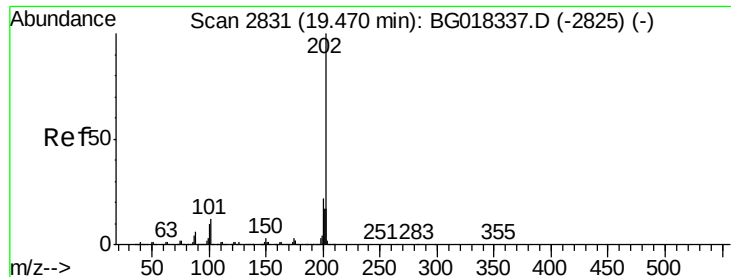
MMDadoda
8/10/2015 7:26:43 PM



#72
Anthracene
Concen: 1.23 ng/ul m
RT: 17.57 min Scan# 2508
Delta R.T. 0.01 min
Lab File: BG018345.D
Acq: 10 Aug 2015 1:28

Tgt Ion	Ratio	Lower	Upper
178	100		
179	22.9	13.0	19.4#
176	22.3	16.0	24.0





#77

Fluoranthene

Concen: 12.74 ng/ul

RT: 19.49 min Scan# 2834

Delta R.T. 0.02 min

Lab File: BG018345.D

Acq: 10 Aug 2015 1:28

Instrument :

BNA_G

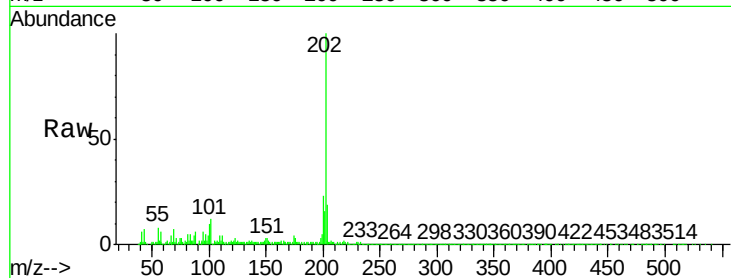
ClientSampleId :

C01J6

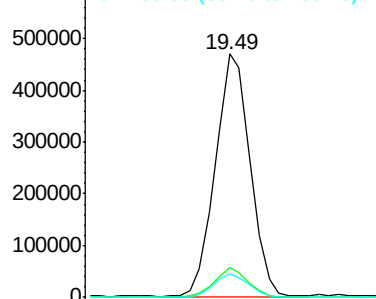
Tot Ion:	202	Resp:	672106
Ion Ratio	Lower	Upper	
202	100		
101	12.3	9.7	14.5
100	9.8	7.8	11.8

Manual Integrations
APPROVED

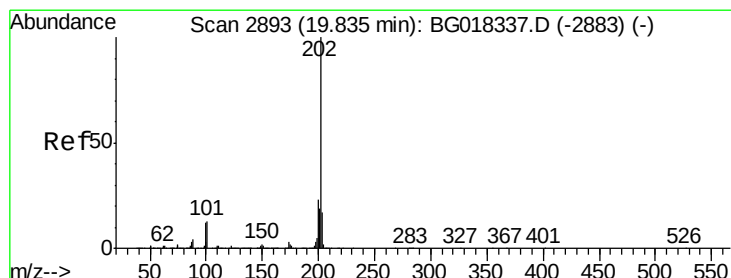
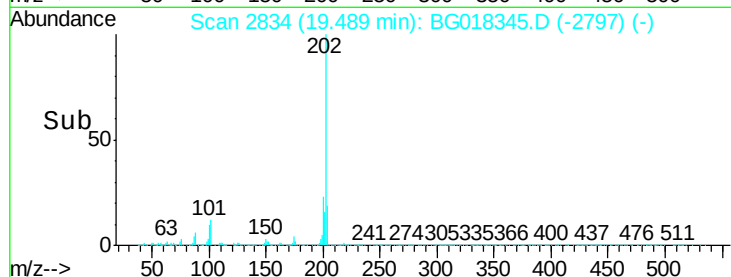
MMDadoda
8/10/2015 7:26:43 PM



Abundance Ion 202.00 (201.70 to 202.70): E



Time-->



#80

Pyrene

Concen: 12.38 ng/ul

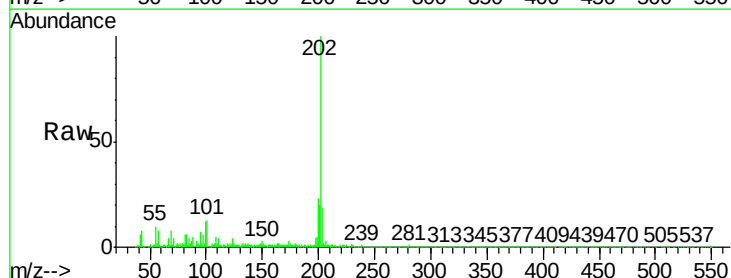
RT: 19.85 min Scan# 2896

Delta R.T. 0.02 min

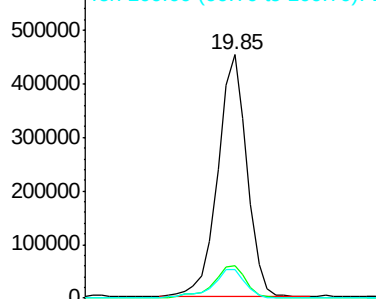
Lab File: BG018345.D

Acq: 10 Aug 2015 1:28

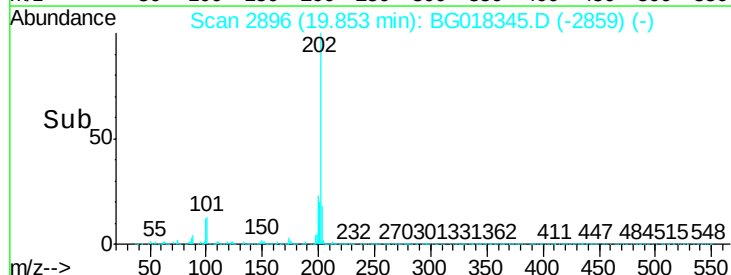
Tgt Ion:	202	Resp:	655100
Ion Ratio	Lower	Upper	
202	100		
101	13.4	11.0	16.4
100	11.5	9.8	14.6

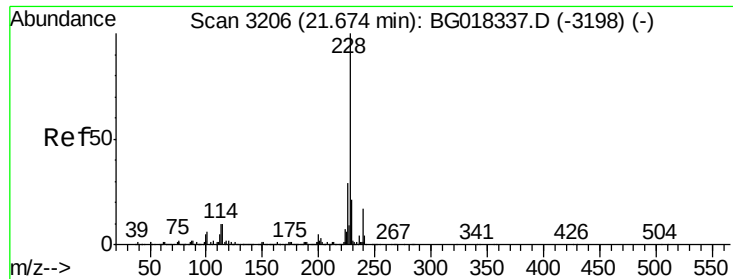


Abundance Ion 202.00 (201.70 to 202.70): E



Time-->





#83

Benzo(a)anthracene

Concen: 7.16 ng/ul

RT: 21.70 min Scan# 3210

Delta R.T. 0.02 min

Lab File: BG018345.D

Acq: 10 Aug 2015 1:28

Instrument :

BNA_G

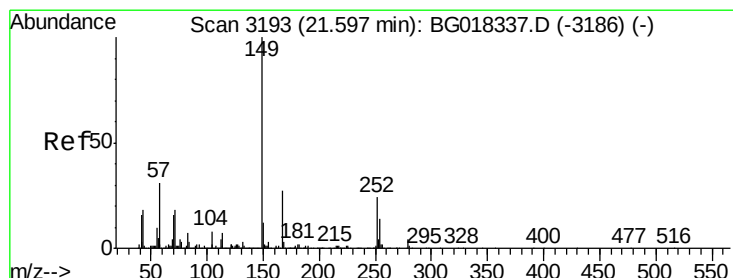
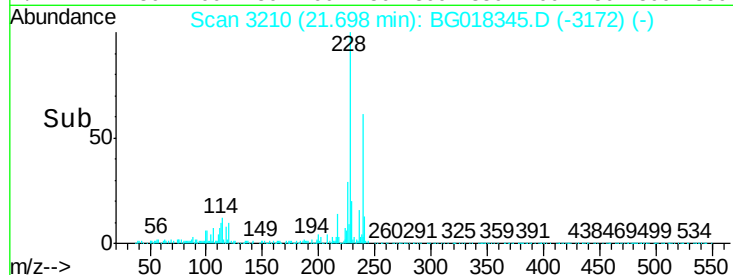
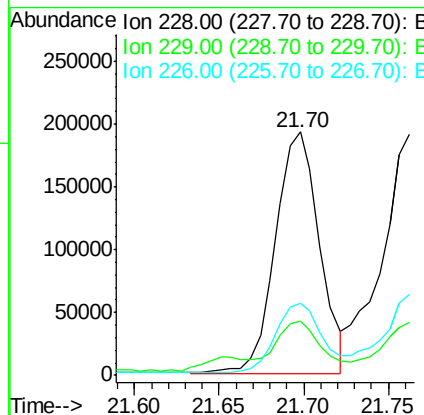
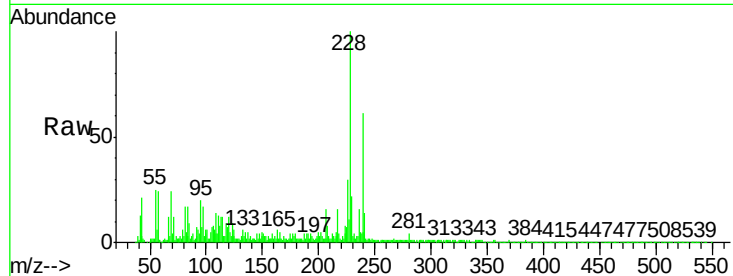
ClientSampled :

C01J6

Tot Ion:	228	Resp:	347240
Ion Ratio	Lower	Upper	
228	100		
229	22.4	15.5	23.3
226	29.8	22.1	33.1

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:26:43 PM



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.84 ng/ul

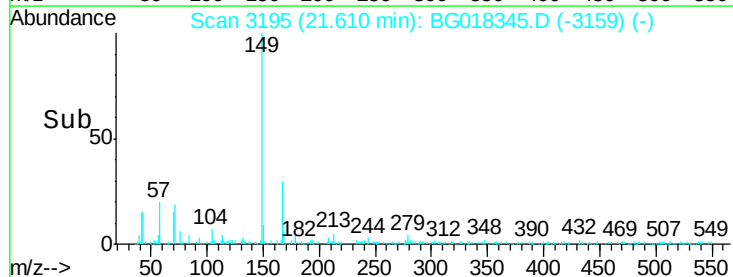
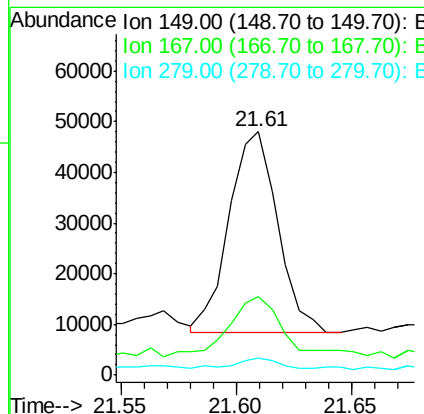
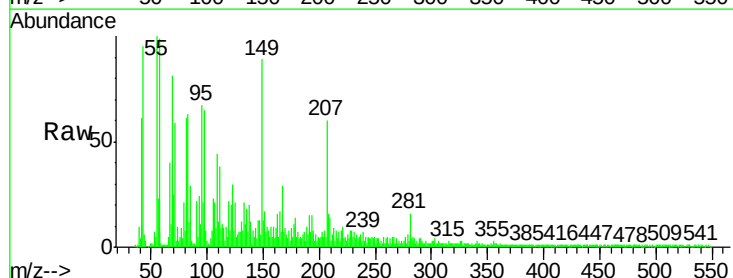
RT: 21.61 min Scan# 3195

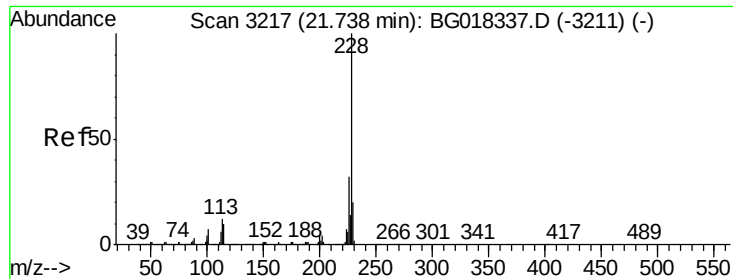
Delta R.T. 0.01 min

Lab File: BG018345.D

Acq: 10 Aug 2015 1:28

Tgt Ion:	149	Resp:	58264
Ion Ratio	Lower	Upper	
149	100		
167	32.2	22.2	33.2
279	6.8	2.8	4.2#





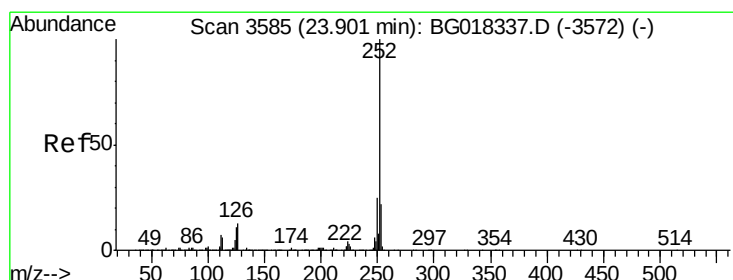
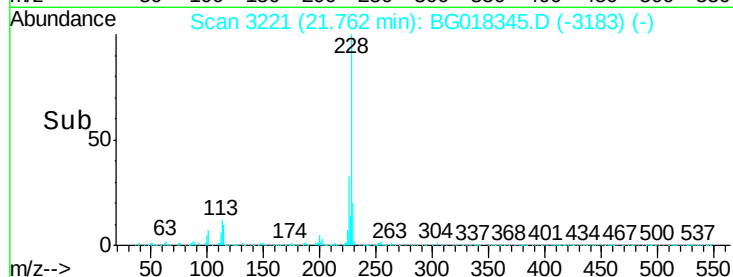
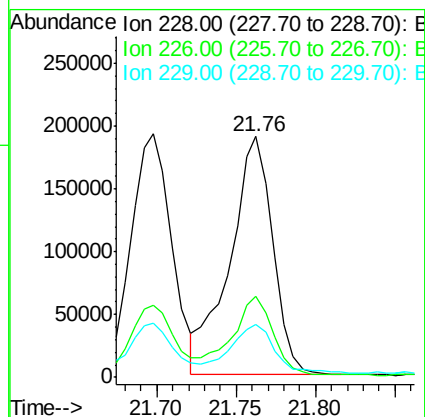
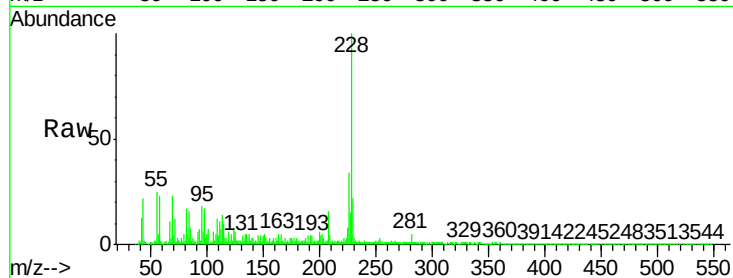
#85
 Chrysene
 Concen: 7.84 ng/ul
 RT: 21.76 min Scan# 3221
 Delta R.T. 0.02 min
 Lab File: BG018345.D
 Acq: 10 Aug 2015 1:28

Instrument :
 BNA_G
 ClientSampled :
 C01J6

Tot Ion:	228	Resp:	355816
Ion Ratio	Lower	Upper	
228	100		
226	33.6	26.5	39.7
229	21.8	16.9	25.3

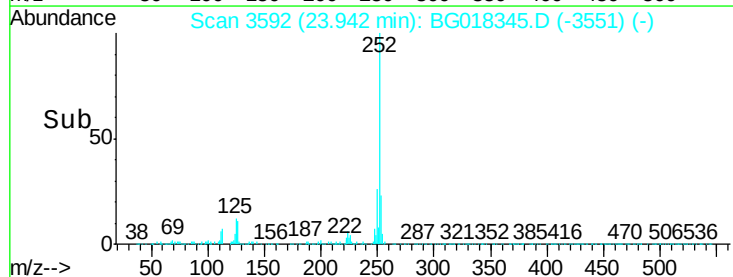
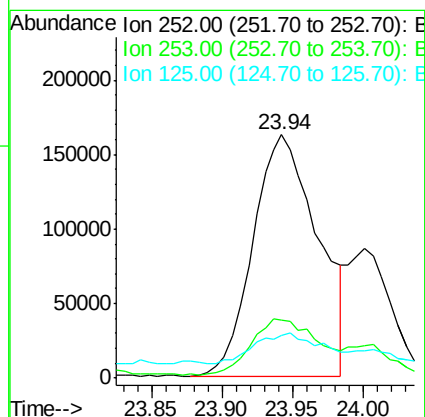
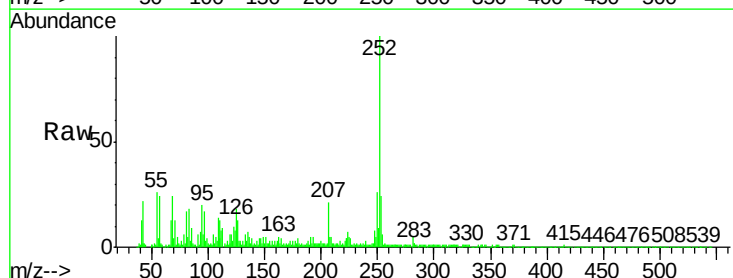
Manual Integrations
 APPROVED

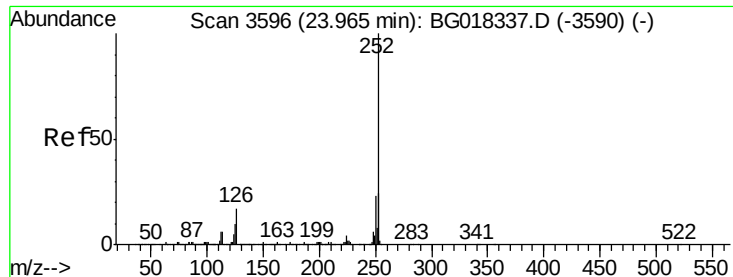
MMDadoda
 8/10/2015 7:26:43 PM



#88
 Benzo(b)fluoranthene
 Concen: 10.70 ng/ul
 RT: 23.94 min Scan# 3592
 Delta R.T. 0.04 min
 Lab File: BG018345.D
 Acq: 10 Aug 2015 1:28

Tgt Ion:	252	Resp:	519222
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.1	27.1
125	17.6	8.3	12.5#





#89

Benzo(k)fluoranthene

Concen: 3.83 ng/ul m

RT: 24.00 min Scan# 3602

Delta R.T. 0.04 min

Lab File: BG018345.D

Acq: 10 Aug 2015 1:28

Instrument :

BNA_G

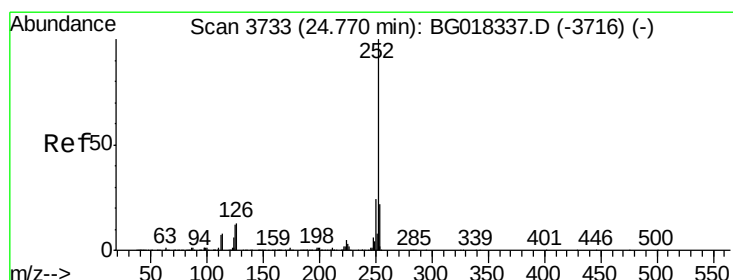
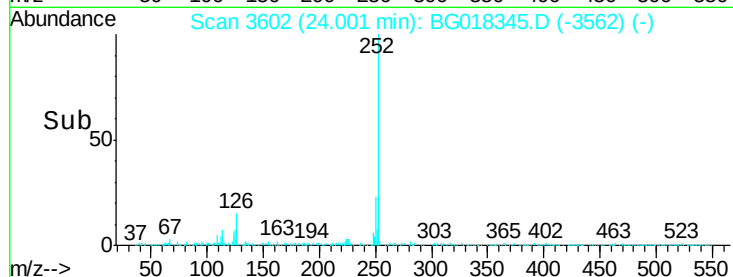
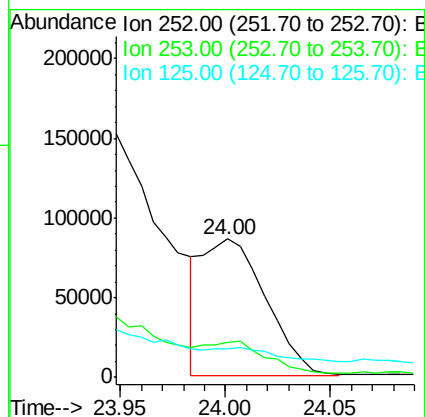
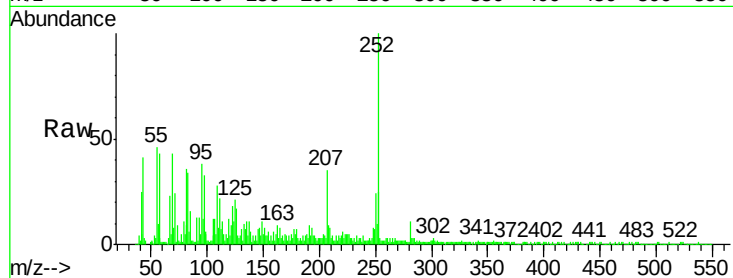
ClientSampleId :

C01J6

Tot Ion:	252	Resp:	179058
Ion Ratio	Lower	Upper	
252	100		
253	25.5	17.8	26.6
125	20.6	9.0	13.4#

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:26:43 PM



#91

Benzo(a)pyrene

Concen: 7.80 ng/ul

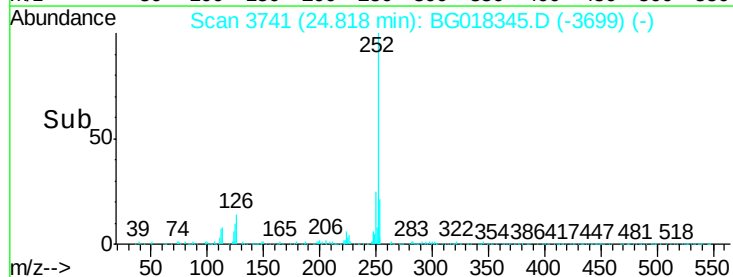
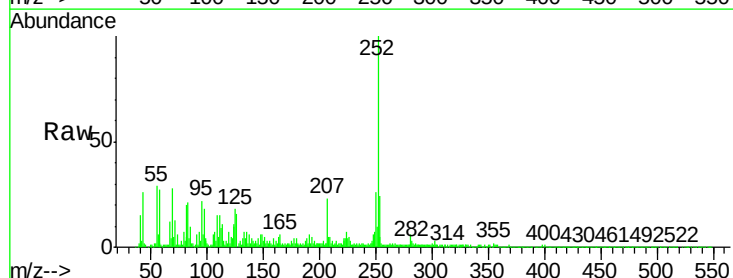
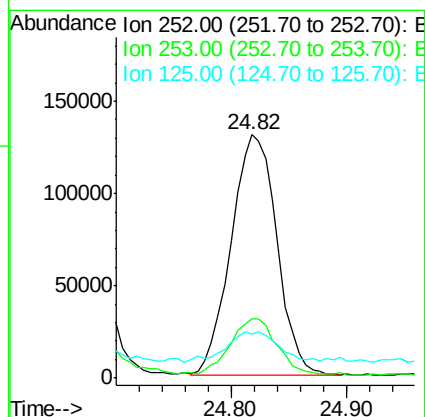
RT: 24.82 min Scan# 3741

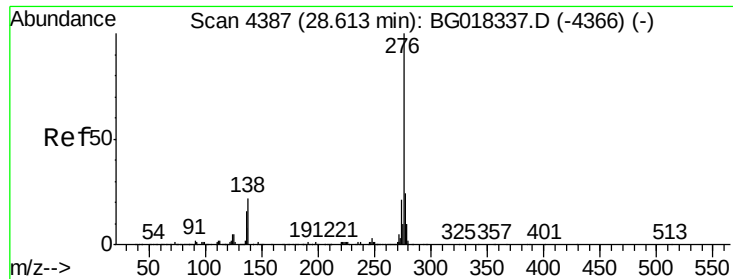
Delta R.T. 0.05 min

Lab File: BG018345.D

Acq: 10 Aug 2015 1:28

Tgt Ion:	252	Resp:	359903
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.7	26.5
125	18.3	10.2	15.2#





#92

Indeno(1,2,3-cd)pyrene

Concen: 5.20 ng/ul

RT: 28.69 min Scan# 4400

Delta R.T. 0.08 min

Lab File: BG018345.D

Acq: 10 Aug 2015 1:28

Instrument :

BNA_G

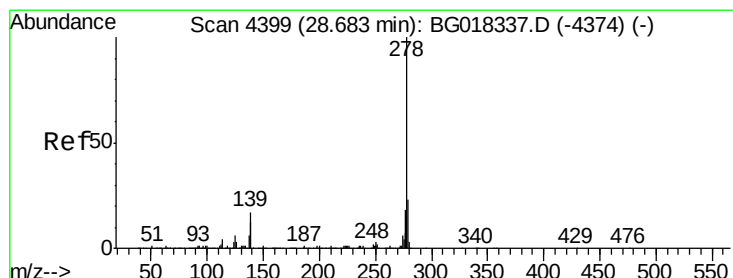
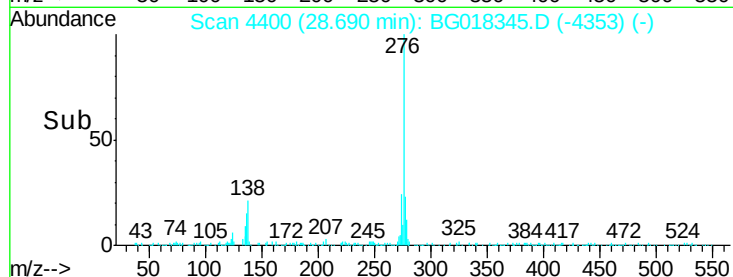
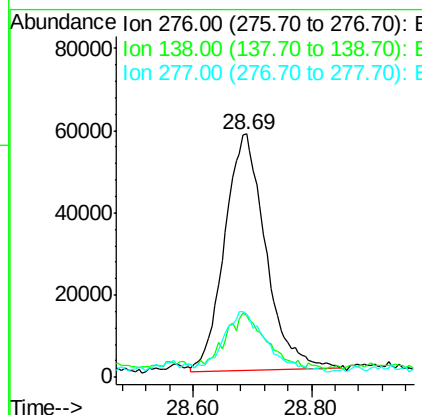
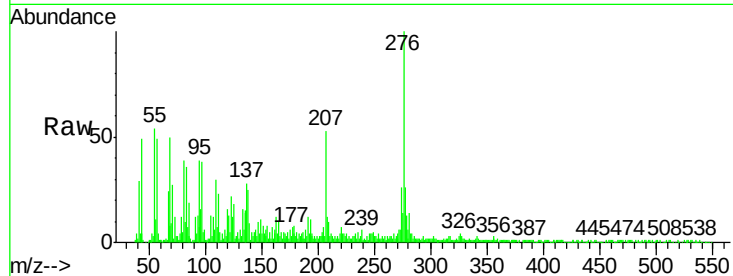
ClientSampleId :

C01J6

Tot Ion:	276	Resp:	277565
Ion Ratio		Lower	Upper
276	100		
138	25.2	15.8	23.6#
277	25.8	18.9	28.3

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:26:43 PM



#93

Dibenzo(a,h)anthracene

Concen: 1.52 ng/ul m

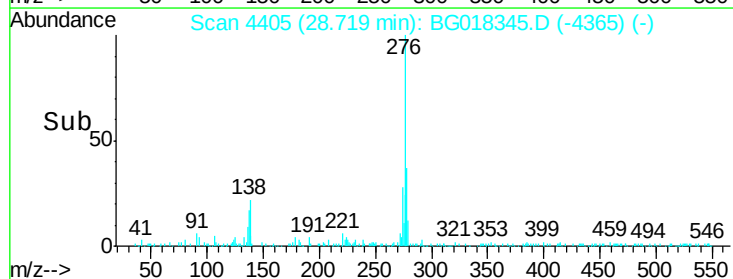
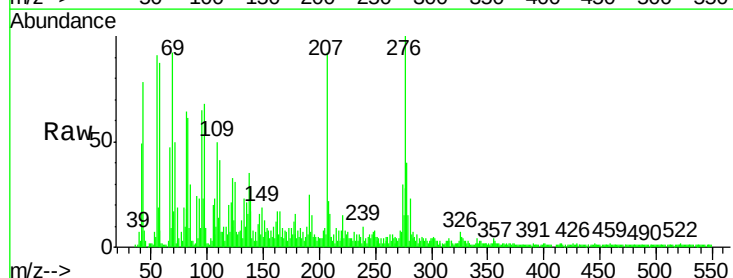
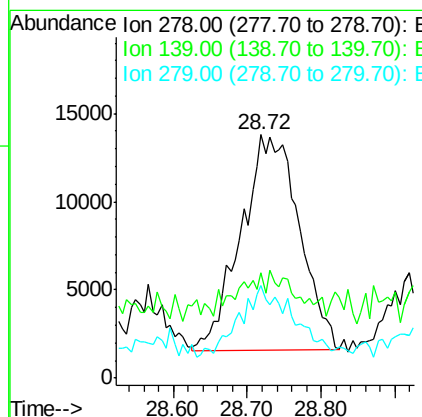
RT: 28.72 min Scan# 4405

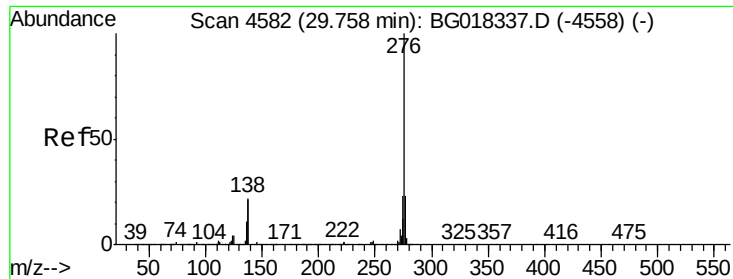
Delta R.T. 0.04 min

Lab File: BG018345.D

Acq: 10 Aug 2015 1:28

Tgt Ion:	278	Resp:	67262
Ion Ratio		Lower	Upper
278	100		
139	43.2	13.8	20.6#
279	37.8	17.8	26.8#





#94

Benzo(a,h,i)perylene

Concen: 4.68 ng/ul m

RT: 29.84 min Scan# 4596

Delta R.T. 0.08 min

Lab File: BG018345.D

Acq: 10 Aug 2015 1:28

Instrument :

BNA_G

ClientSampleId :

C01J6

Tot Ion: 276 Resp: 209545

Ion Ratio Lower Upper

276 100

138 25.4 16.5 24.7#

277 22.4 19.0 28.6

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:26:43 PM

