

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
 Data File : BG025023.D
 Acq On : 9 Dec 2016 1:52
 Operator : UM/SJ
 Sample : H5863-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7Z1

Manual Integrations
 APPROVED

sohil
 12/9/2016 6:36:29 PM

Quant Time: Dec 09 16:59:16 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 09 16:29:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	141989	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	563225	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	479363	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	967520	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1251832	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	1320771	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	19899	7.24	ng/uL	0.00
5) Phenol-d5	7.39	99	245293	20.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	159536	21.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	182545	21.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	225698	22.05	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	110494	27.70	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	117159	23.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	228725	23.92	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	320470	34.10	ng/ul	0.01
43) Dimethylphthalate-d6	14.27	166	785588	23.82	ng/ul	0.01
46) Acenaphthylene-d8	14.57	160	890600	24.66	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	136413	24.07	ng/ul	0.02
57) Fluorene-d10	15.86	176	850046	27.39	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.98	200	150733	25.20	ng/ul	0.01
70) Anthracene-d10	17.71	188	1079211	26.43	ng/ul	0.00
76) Pyrene-d10	19.98	212	1225525	23.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	1331584	24.88	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.41	94	51242	4.08	ng/ul#	85
11) 2-Methylphenol	8.68	108	44814	4.84	ng/ul	91
14) Acetophenone	9.07	105	66708m	4.28	ng/ul	
16) 4-Methylphenol	9.01	108	73270	7.11	ng/ul	91
24) 2,4-Dimethylphenol	10.22	107	735410m	63.76	ng/ul	
28) Naphthalene	11.12	128	1057503	40.39	ng/ul	95
34) 2-Methylnaphthalene	12.71	142	2214173	107.17	ng/ul	93
40) 1,1'-Biphenyl	13.70	154	709908	24.43	ng/ul	98
44) Dimethylphthalate	14.31	163	146140	4.51	ng/ul#	99
49) Acenaphthene	14.94	153	204903	8.52	ng/ul#	78
53) Dibenzofuran	15.26	168	544530	14.31	ng/ul	97
58) Fluorene	15.91	166	587696	18.97	ng/ul#	94
69) Phenanthrene	17.65	178	276178	5.98	ng/ul#	90
71) Anthracene	17.74	178	61972	1.31	ng/ul#	85

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

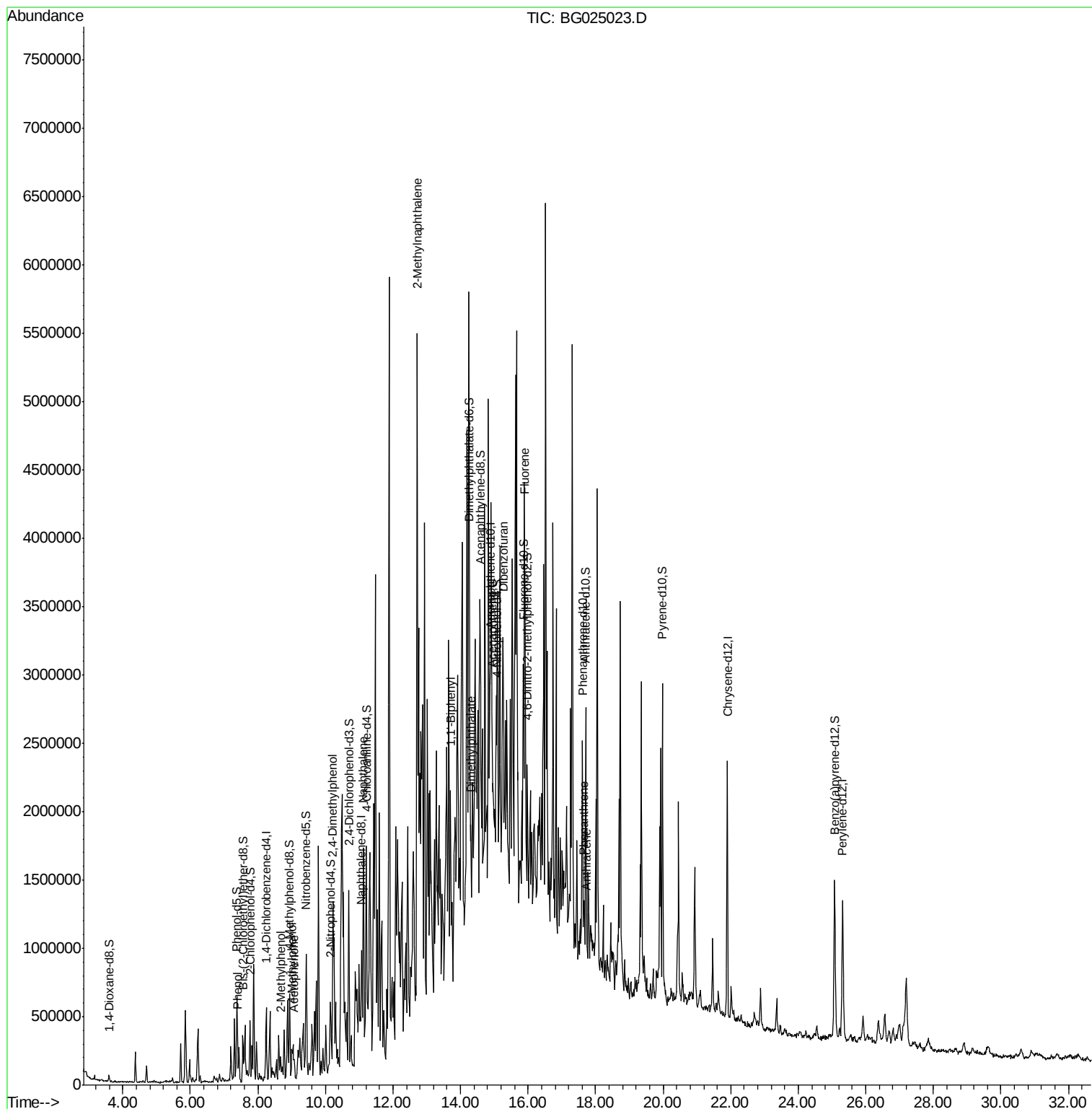
Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025023.D
Acq On : 9 Dec 2016 1:52
Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

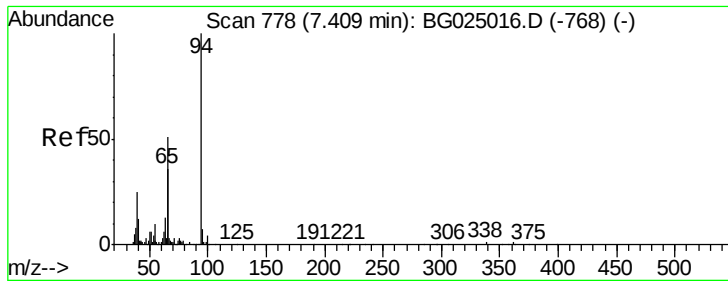
Instrument :
BNA_G
ClientSampleId :
DA7Z1

Quant Time: Dec 09 16:59:16 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 16:29:37 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

sohil
12/9/2016 6:36:29 PM





#6

Phenol

Concen: 4.08 ng/ul

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

Instrument :

BNA_G

ClientSampleId :

DA7Z1

Tot Ion: 94 Resp: 51242

Ion Ratio Lower Upper

94 100

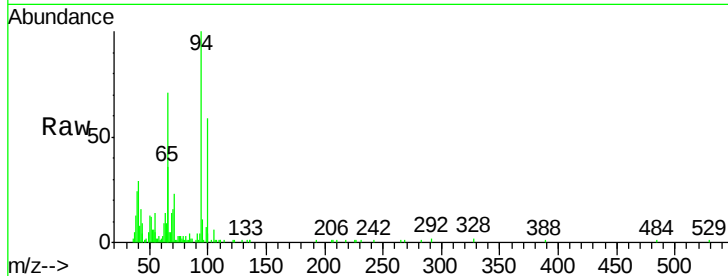
65 35.7 26.8 40.2

66 71.2 44.4 66.6#

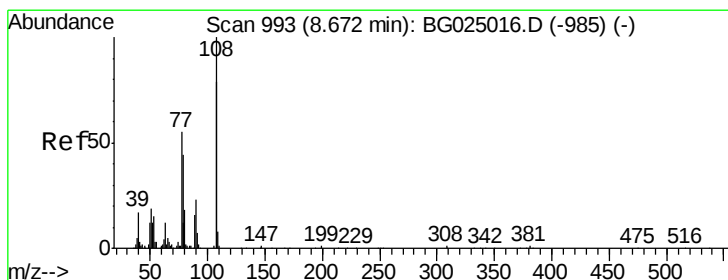
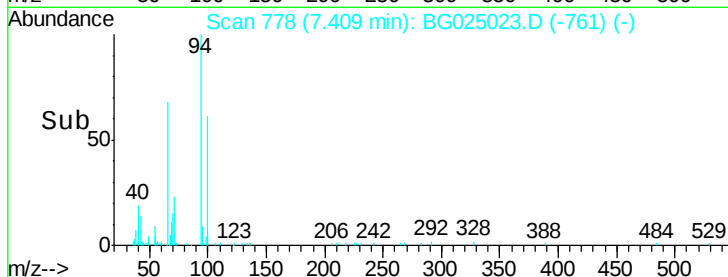
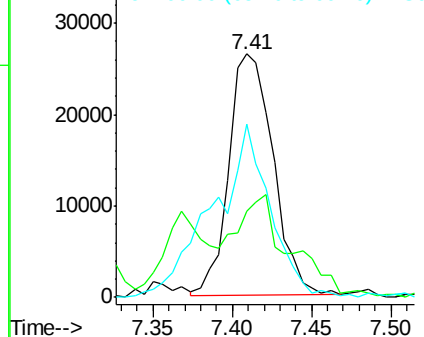
Manual Integrations
APPROVED

sohil

12/9/2016 6:36:29 PM



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#11

2-Methylphenol

Concen: 4.84 ng/ul

RT: 8.68 min Scan# 994

Delta R.T. 0.01 min

Lab File: BG025023.D

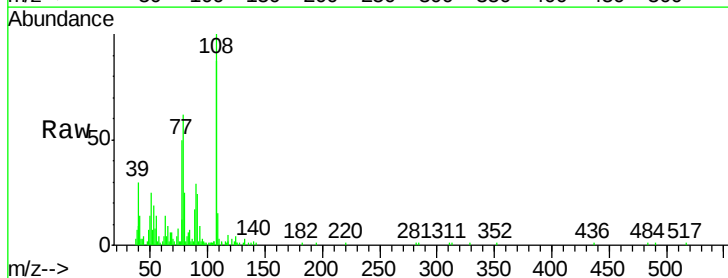
Acq: 9 Dec 2016 1:52

Tgt Ion: 108 Resp: 44814

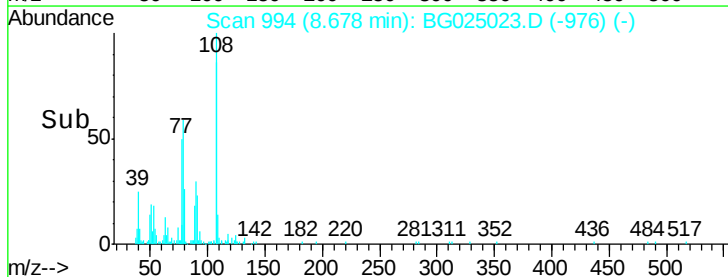
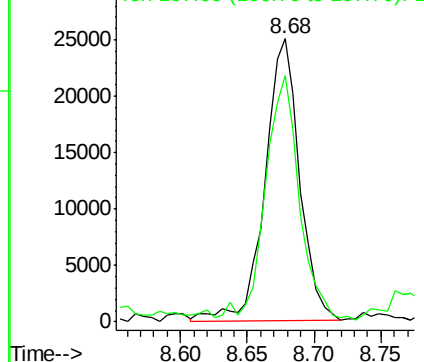
Ion Ratio Lower Upper

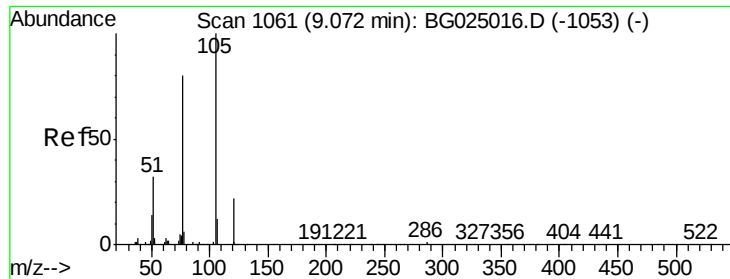
108 100

107 87.0 76.7 115.1



Abundance Ion 108.00 (107.70 to 108.70): BGC
Ion 107.00 (106.70 to 107.70): BGC





#14

Acetophenone

Concen: 4.28 ng/ul m

RT: 9.07 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

Instrument :

BNA_G

ClientSampleId :

DA7Z1

Tot Ion:105 Resp: 66708

Ion Ratio Lower Upper

105 100

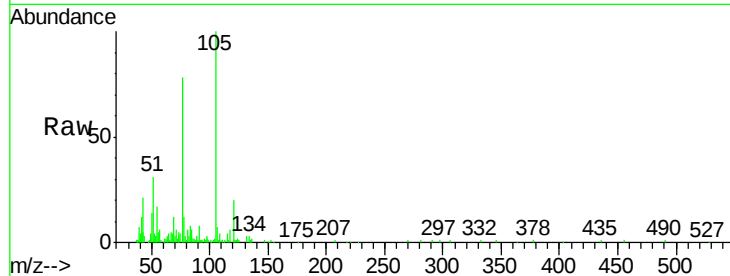
77 77.7 76.0 114.0

51 31.5 34.8 52.2#

Manual Integrations
APPROVED

sohil

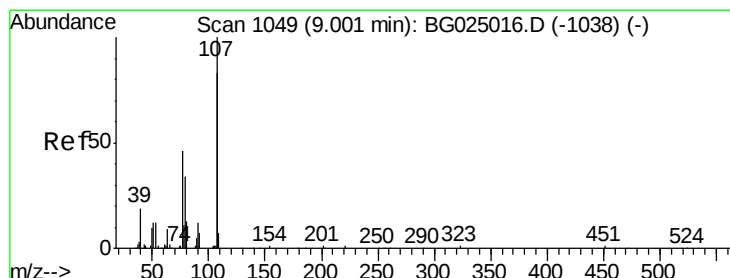
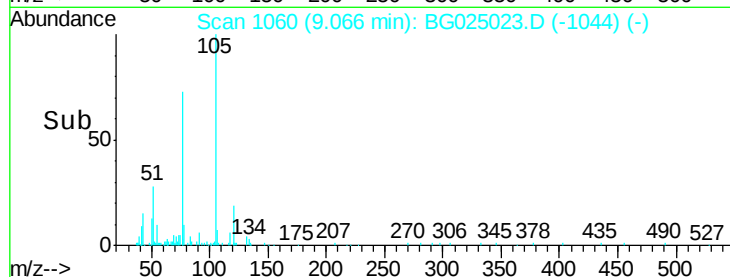
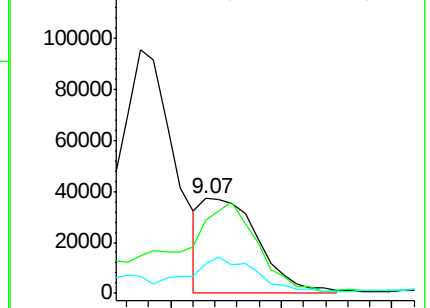
12/9/2016 6:36:29 PM



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#16

4-Methylphenol

Concen: 7.11 ng/ul

RT: 9.01 min Scan# 1050

Delta R.T. 0.01 min

Lab File: BG025023.D

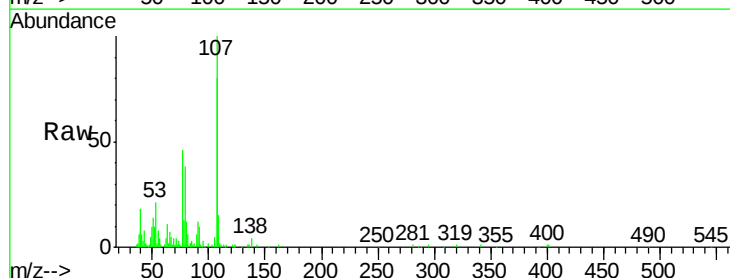
Acq: 9 Dec 2016 1:52

Tgt Ion:108 Resp: 73270

Ion Ratio Lower Upper

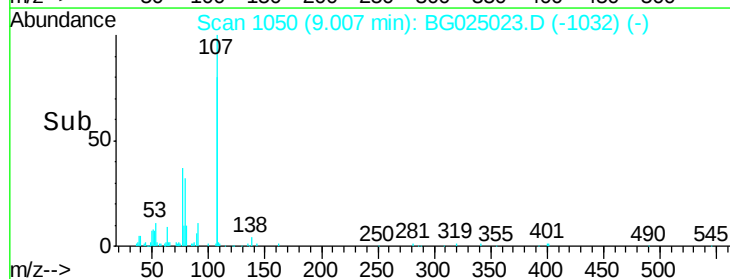
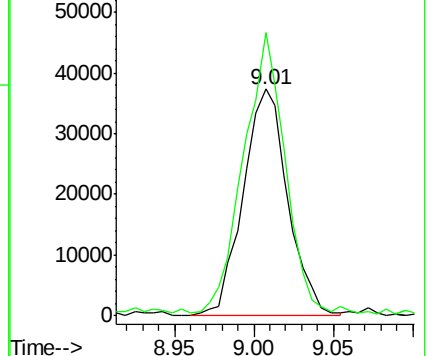
108 100

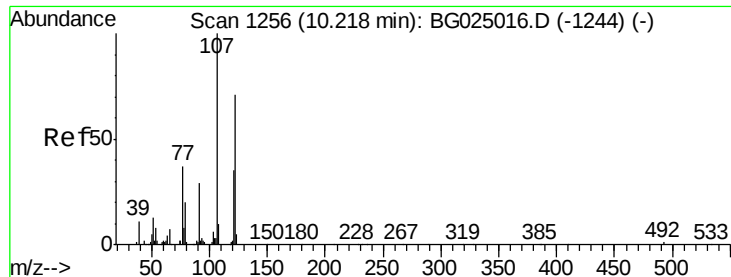
107 124.8 91.7 137.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





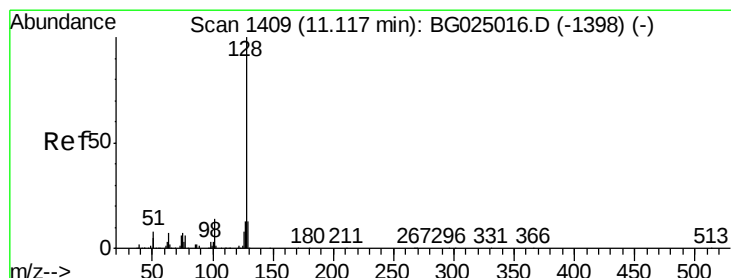
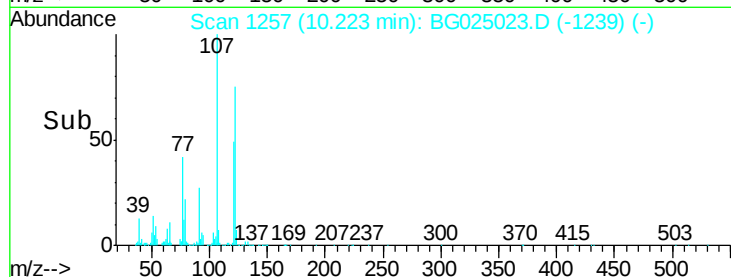
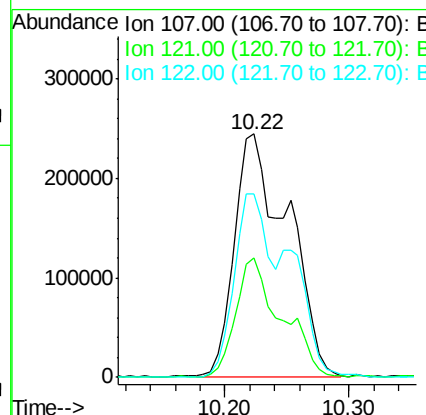
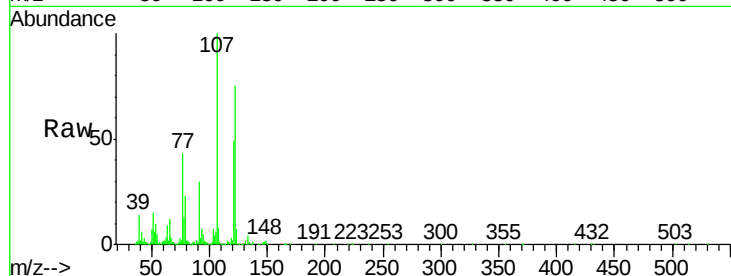
#24
2,4-Dimethylphenol
Concen: 63.76 ng/ul m
RT: 10.22 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BG025023.D
Acq: 9 Dec 2016 1:52

Instrument :
BNA_G
ClientSampleId :
DA7Z1

Tot Ion	Ratio	Lower	Upper
107	100		
121	49.1	32.3	48.5#
122	75.2	61.2	91.8

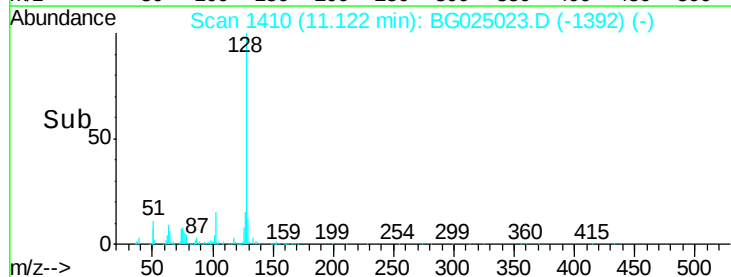
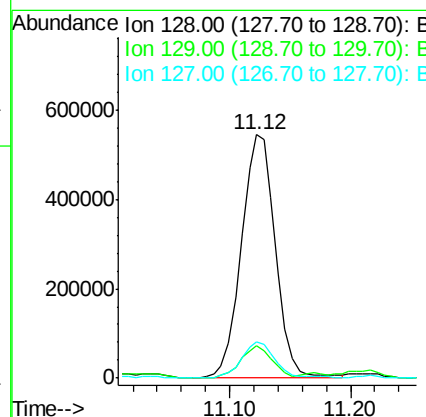
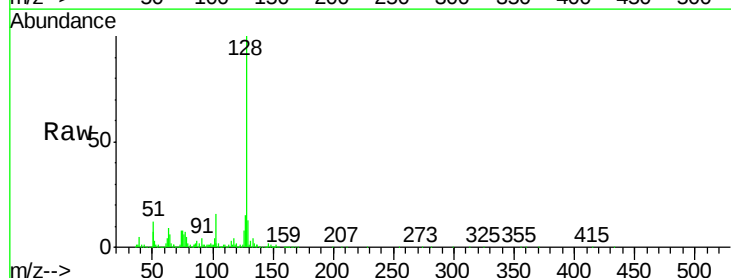
Manual Integrations
APPROVED

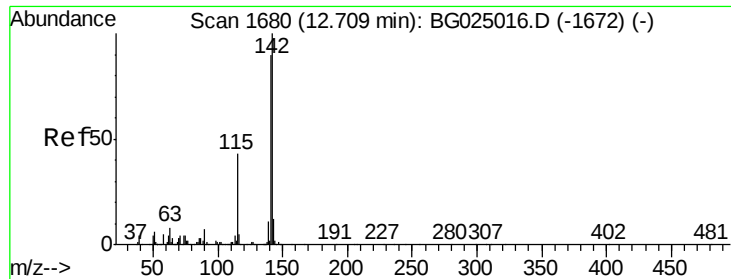
sohil
12/9/2016 6:36:29 PM



#28
Naphthalene
Concen: 40.39 ng/ul
RT: 11.12 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BG025023.D
Acq: 9 Dec 2016 1:52

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.4	14.2
127	15.1	10.3	15.5





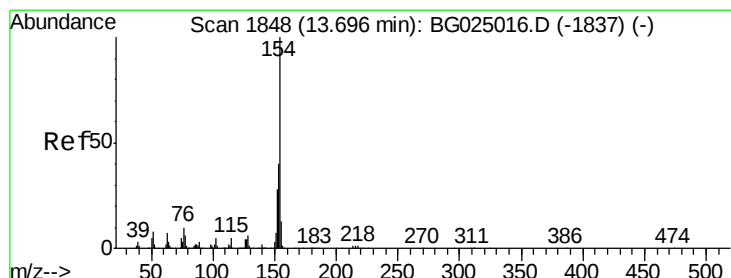
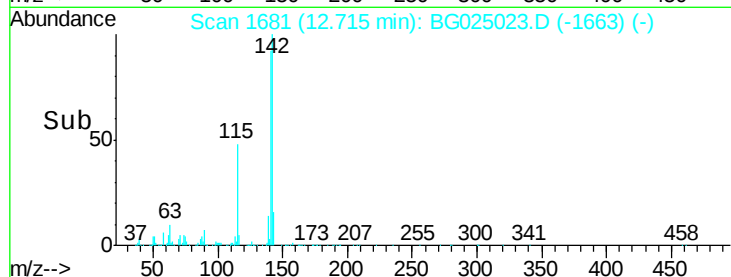
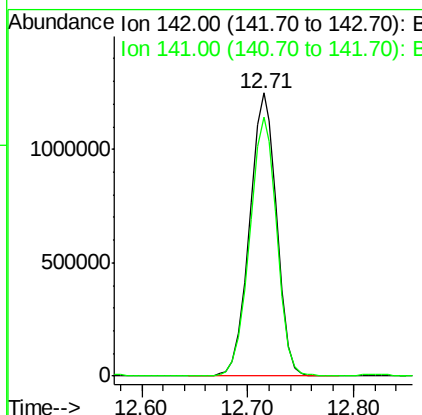
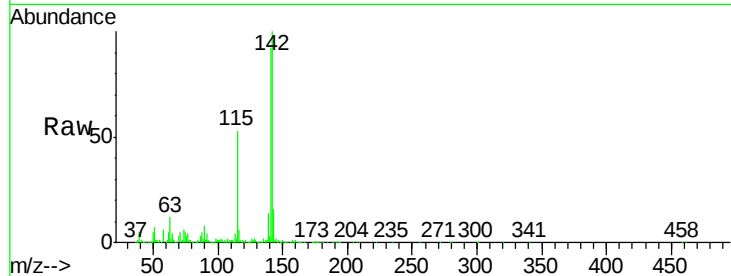
#34
2-Methylnaphthalene
Concen: 107.17 ng/ul
RT: 12.71 min Scan# 1681
Delta R.T. 0.01 min
Lab File: BG025023.D
Acq: 9 Dec 2016 1:52

Instrument :
BNA_G
ClientSampled :
DA7Z1

Tot Ion:142 Resp: 2214173
Ion Ratio Lower Upper
142 100
141 91.7 68.6 102.8

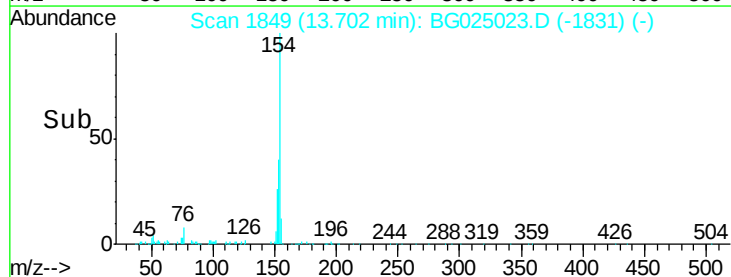
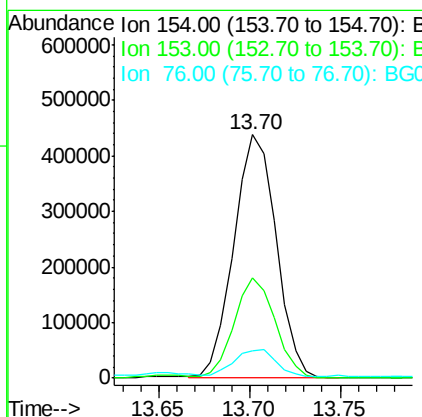
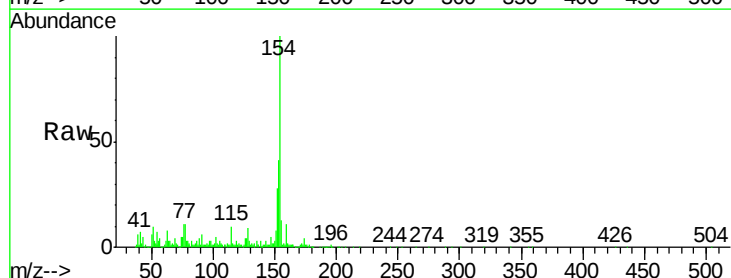
Manual Integrations
APPROVED

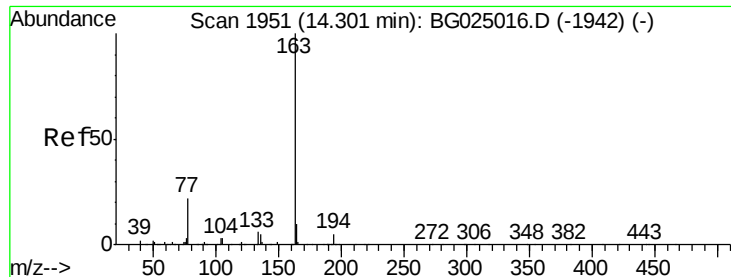
sohil
12/9/2016 6:36:29 PM



#40
1,1'-Biphenyl
Concen: 24.43 ng/ul
RT: 13.70 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BG025023.D
Acq: 9 Dec 2016 1:52

Tgt Ion:154 Resp: 709908
Ion Ratio Lower Upper
154 100
153 41.3 32.2 48.2
76 11.2 9.6 14.4





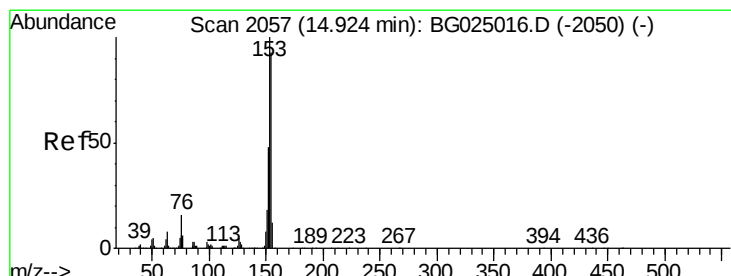
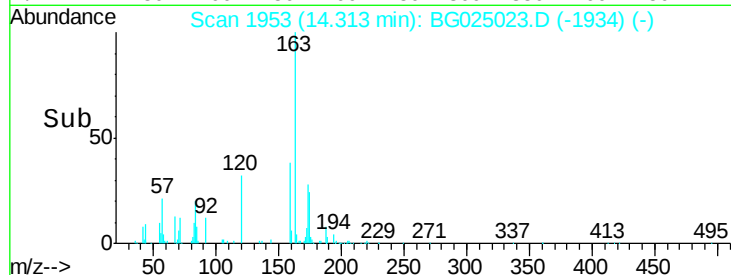
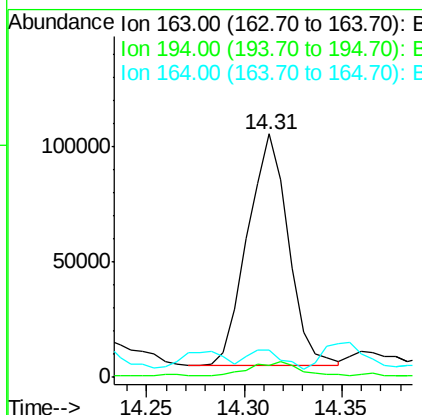
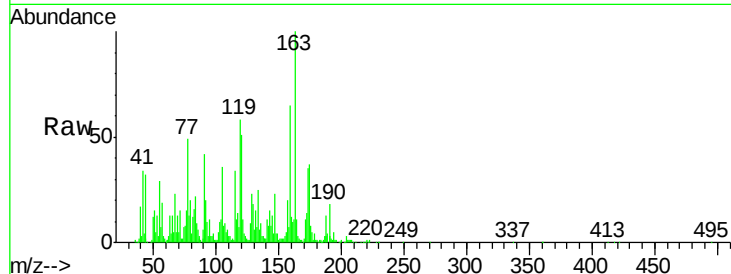
#44
Dimethylphthalate
Concen: 4.51 ng/ul
RT: 14.31 min Scan# 1953
Delta R.T. 0.01 min
Lab File: BG025023.D
Acq: 9 Dec 2016 1:52

Instrument :
BNA_G
ClientSampled :
DA7Z1

Tot Ion	Ratio	Resp	Lower	Upper
163	100	146140		
194	5.1	3.4	5.0#	
164	11.3	9.0	13.4	

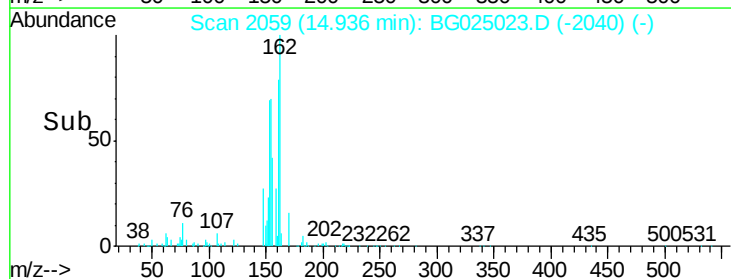
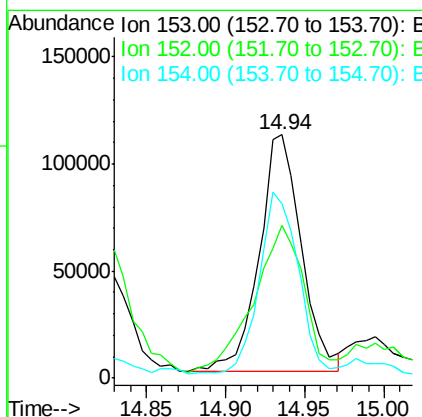
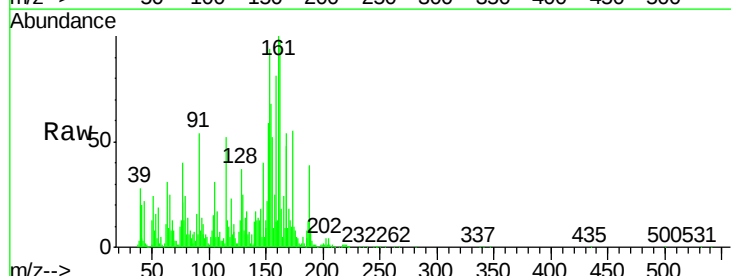
Manual Integrations
APPROVED

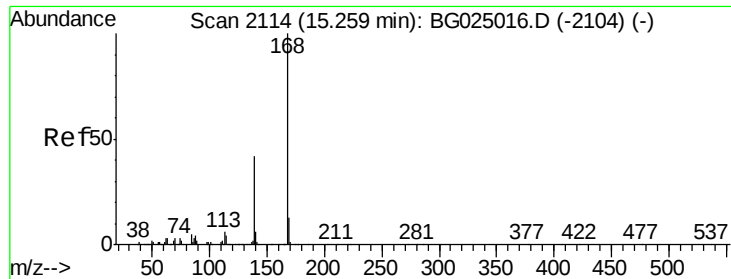
sohil
12/9/2016 6:36:29 PM



#49
Acenaphthene
Concen: 8.52 ng/ul
RT: 14.94 min Scan# 2059
Delta R.T. 0.01 min
Lab File: BG025023.D
Acq: 9 Dec 2016 1:52

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	204903		
152	62.8	36.5	54.7#	
154	71.8	72.3	108.5#	





#53

Dibenzenofuran

Concen: 14.31 ng/ul

RT: 15.26 min Scan# 2115

Delta R.T. 0.01 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

Instrument :

BNA_G

ClientSampleId :

DA7Z1

Tot Ion:168 Resp: 544530

Ion Ratio Lower Upper

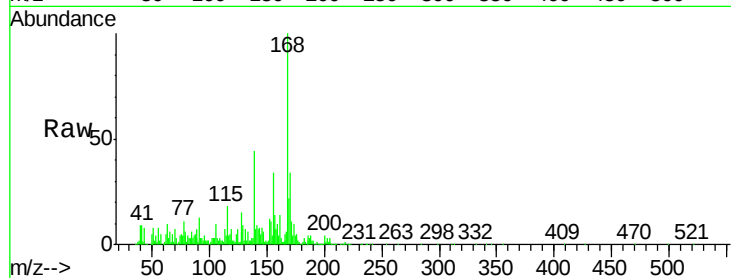
168 100

139 44.3 33.8 50.8

Manual Integrations
APPROVED

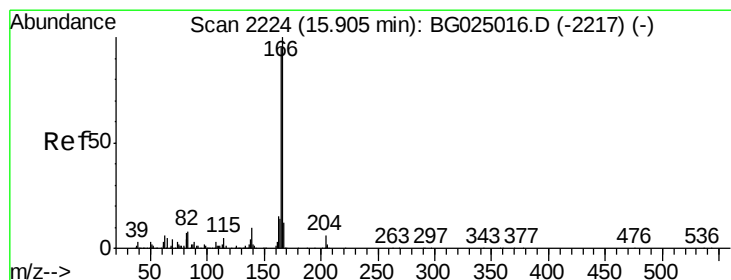
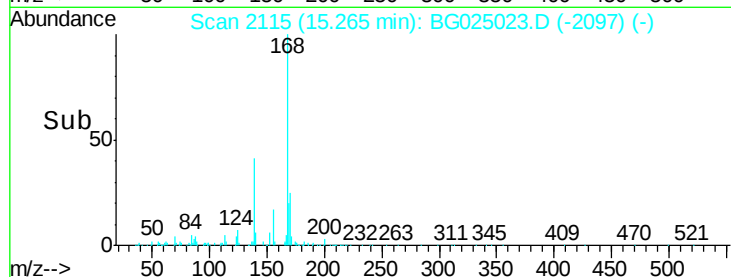
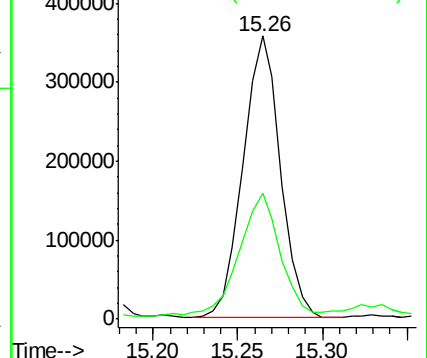
sohil

12/9/2016 6:36:29 PM



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 18.97 ng/ul

RT: 15.91 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

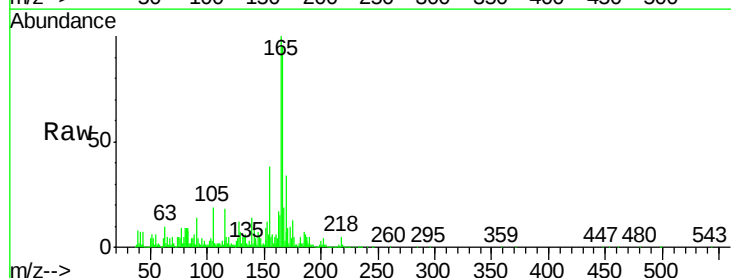
Tgt Ion:166 Resp: 587696

Ion Ratio Lower Upper

166 100

165 104.8 79.7 119.5

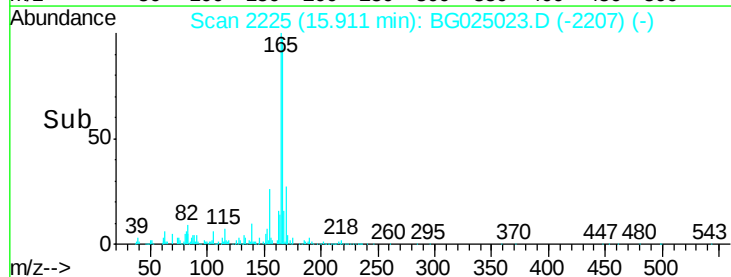
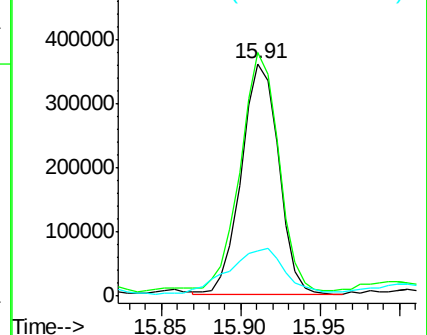
167 19.4 11.4 17.2#

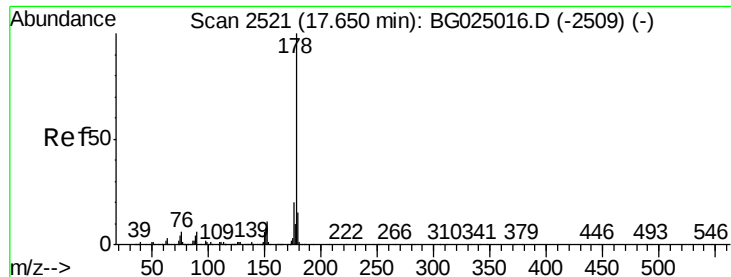


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 5.98 ng/ul

RT: 17.65 min Scan# 2521

Delta R.T. -0.00 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

Instrument :

BNA_G

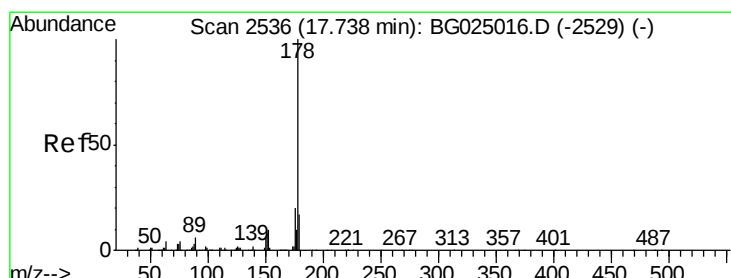
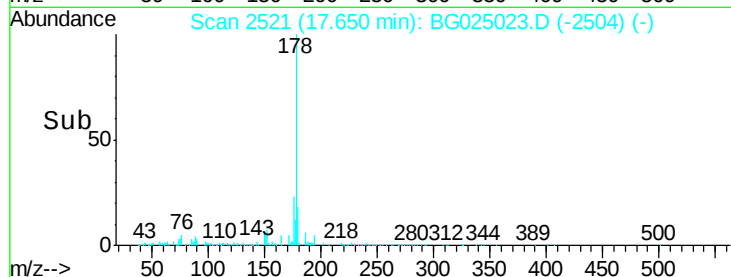
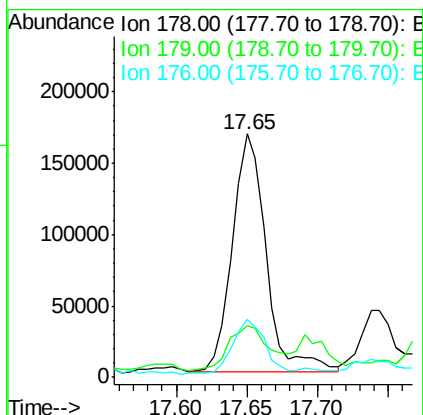
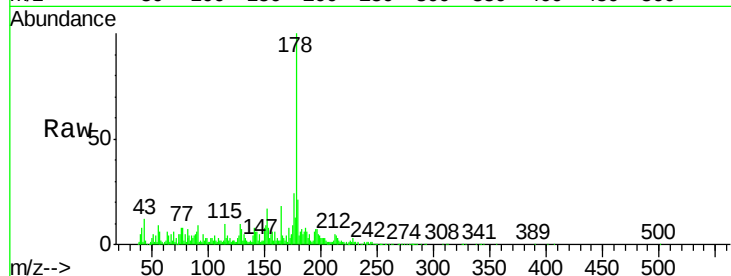
ClientSampleId :

DA7Z1

Tot Ion:	178	Resp:	276178
Ion Ratio	Lower	Upper	
178	100		
179	21.4	12.4	18.6#
176	23.9	16.5	24.7

Manual Integrations
APPROVED

sohil
12/9/2016 6:36:29 PM



#71

Anthracene

Concen: 1.31 ng/ul

RT: 17.74 min Scan# 2536

Delta R.T. -0.00 min

Lab File: BG025023.D

Acq: 9 Dec 2016 1:52

Tgt Ion:	178	Resp:	61972
Ion Ratio	Lower	Upper	
178	100		
179	21.9	12.6	19.0#
176	27.2	15.9	23.9#

