

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
 Data File : BG025024.D
 Acq On : 9 Dec 2016 2:32
 Operator : UM/SJ
 Sample : H5863-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7Z8

Manual Integrations
 APPROVED

sohil
 12/9/2016 3:42:04 PM

Quant Time: Dec 09 03:20:27 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 09 01:31:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	93374	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	393959	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	329288	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	695849	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	886778	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	924703	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	19330	10.69	ng/uL	-0.01
5) Phenol-d5	7.39	99	167006	20.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	112087	22.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	122066	21.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	143926	21.38	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	73992	26.52	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	77200	22.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	150724	22.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	327086	49.76	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	504939	22.29	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	565576	22.80	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	94886	24.38	ng/ul	0.02
57) Fluorene-d10	15.85	176	665738	31.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	103548	24.07	ng/ul	0.00
70) Anthracene-d10	17.70	188	703872	23.97	ng/ul	0.00
76) Pyrene-d10	19.98	212	820633	22.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	886291	23.65	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.42	94	57259	6.93	ng/ul#	94
11) 2-Methylphenol	8.67	108	77158	12.67	ng/ul	95
16) 4-Methylphenol	9.01	108	247121	36.49	ng/ul	92
24) 2,4-Dimethylphenol	10.22	107	400797m	49.68	ng/ul	
28) Naphthalene	11.12	128	850517	46.44	ng/ul	97
34) 2-Methylnaphthalene	12.71	142	1080755	74.78	ng/ul	95
40) 1,1'-Biphenyl	13.70	154	241519	12.10	ng/ul	99
44) Dimethylphthalate	14.31	163	474457	21.31	ng/ul#	99
49) Acenaphthene	14.93	153	64938	3.93	ng/ul#	81
53) Dibenzofuran	15.26	168	188057	7.20	ng/ul	96
58) Fluorene	15.91	166	224806	10.57	ng/ul#	87
69) Phenanthrene	17.65	178	174923	5.27	ng/ul#	88
71) Anthracene	17.74	178	43911	1.29	ng/ul#	86
77) Pyrene	20.00	202	62427	1.46	ng/ul#	97

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

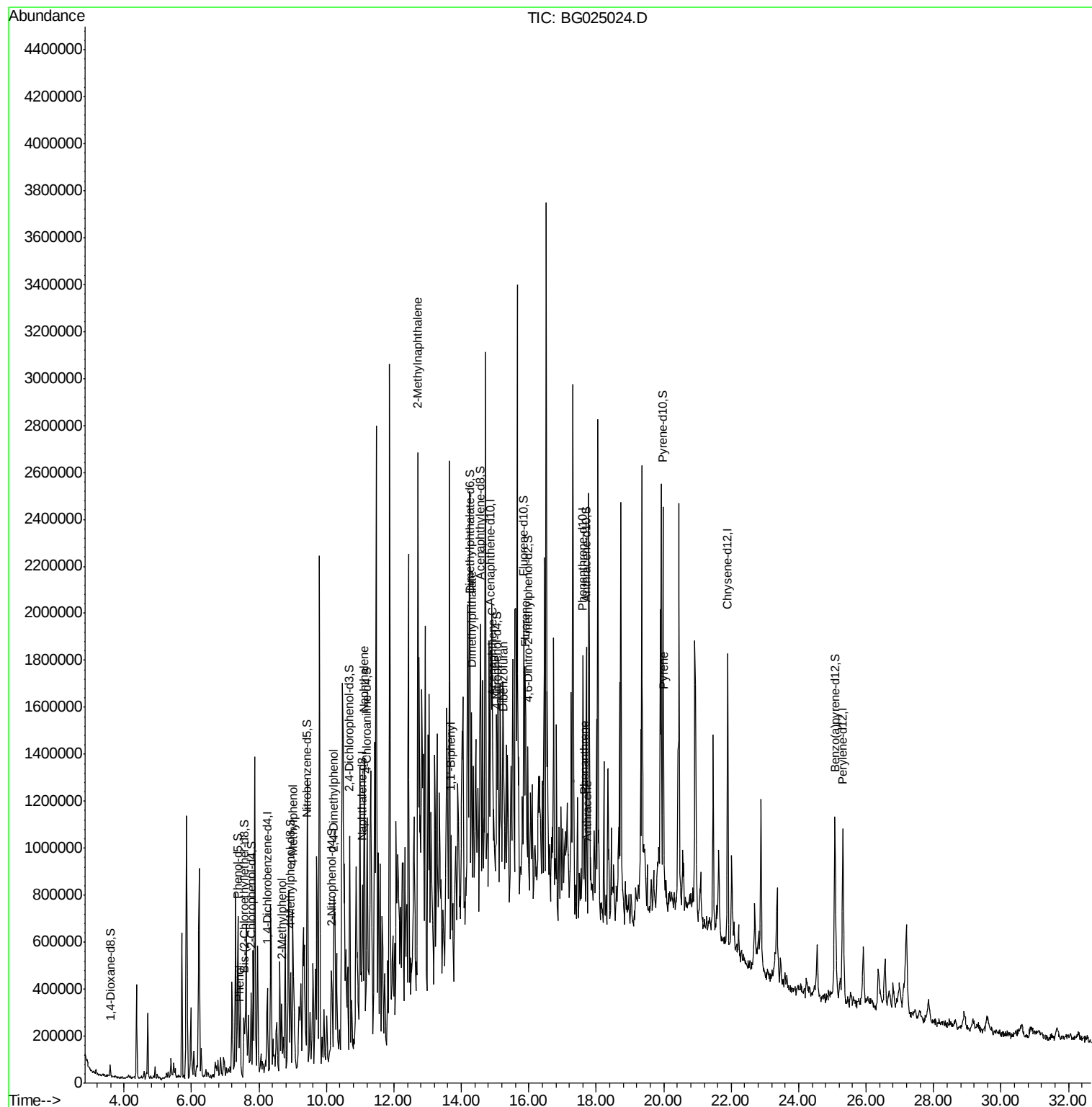
Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025024.D
Acq On : 9 Dec 2016 2:32
Operator : UM/SJ
Sample : H5863-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

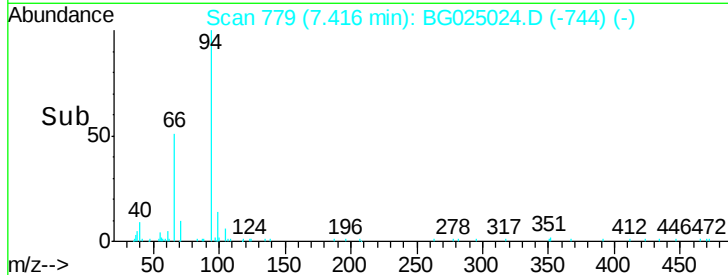
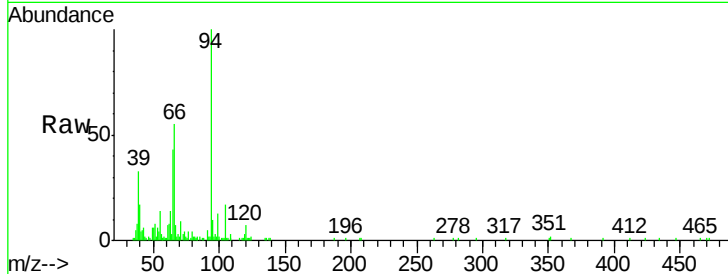
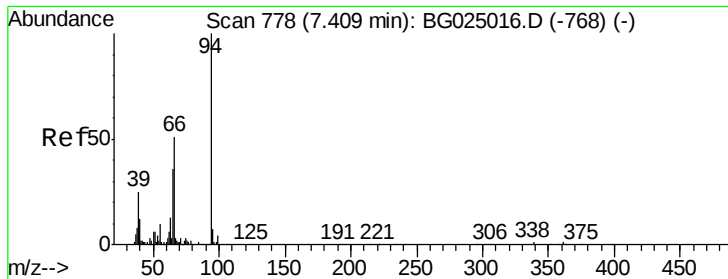
Instrument :
BNA_G
ClientSampleId :
DA7Z8

Manual Integrations
APPROVED

sohil
12/9/2016 3:42:04 PM

Quant Time: Dec 09 03:20:27 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration





#6

Phenol

Concen: 6.93 ng/ul

RT: 7.42 min Scan# 779

Delta R.T. 0.01 min

Lab File: BG025024.D

Acq: 9 Dec 2016 2:32

Tot Ion:	94	Resp:	57259
Ion Ratio	Lower	Upper	
94	100		
65	42.5	26.8	40.2#
66	55.2	44.4	66.6

Instrument :

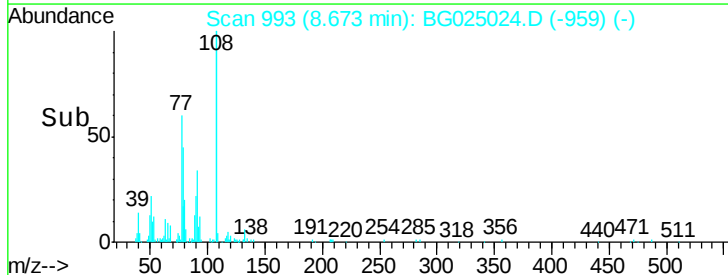
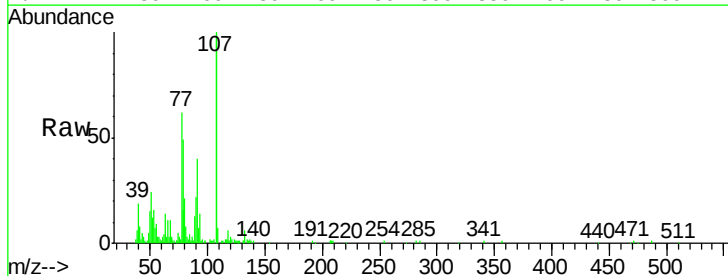
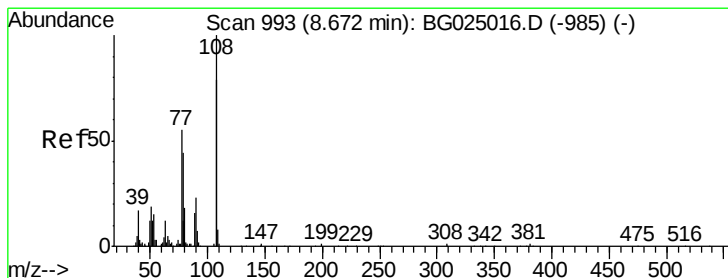
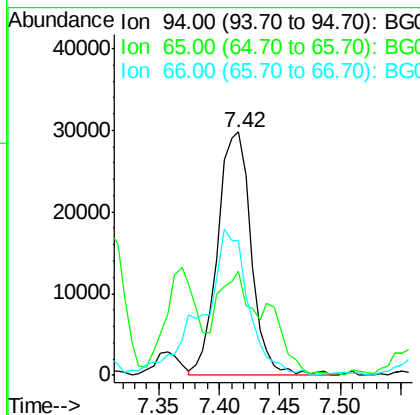
BNA_G

ClientSampleId :

DA7Z8

Manual Integrations
APPROVED

sohil
12/9/2016 3:42:04 PM



#11

2-Methylphenol

Concen: 12.67 ng/ul

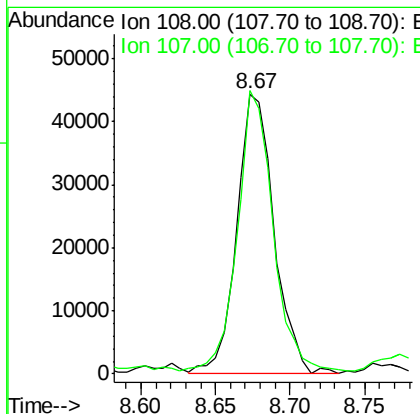
RT: 8.67 min Scan# 993

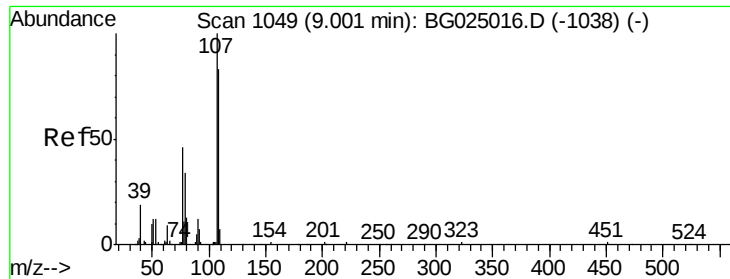
Delta R.T. 0.00 min

Lab File: BG025024.D

Acq: 9 Dec 2016 2:32

Tgt Ion:	108	Resp:	77158
Ion Ratio	Lower	Upper	
108	100		
107	101.1	76.7	115.1





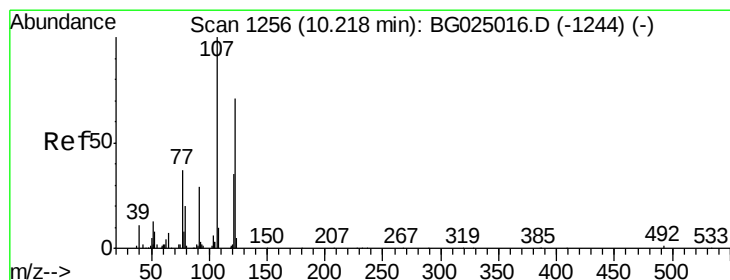
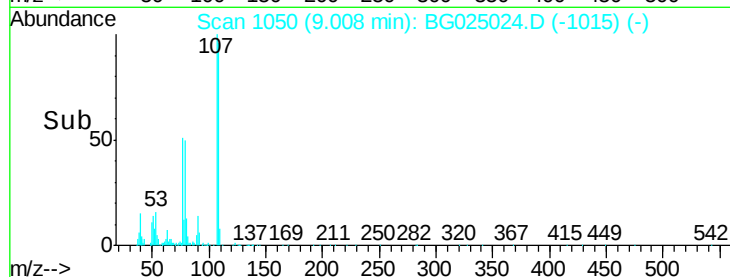
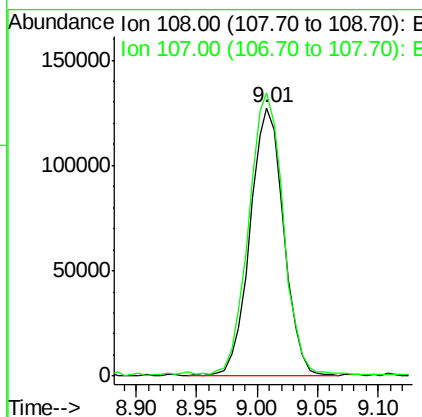
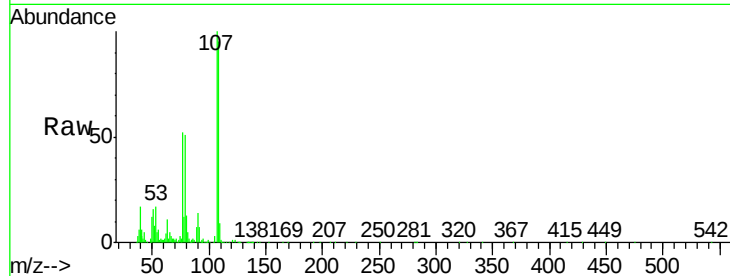
#16
4-Methylphenol
Concen: 36.49 ng/ul
RT: 9.01 min Scan# 1050
Delta R.T. 0.01 min
Lab File: BG025024.D
Acq: 9 Dec 2016 2:32

Instrument :
BNA_G
ClientSampleId :
DA7Z8

Tot Ion	Ratio	Lower	Upper
108	100		
107	105.5	91.7	137.5

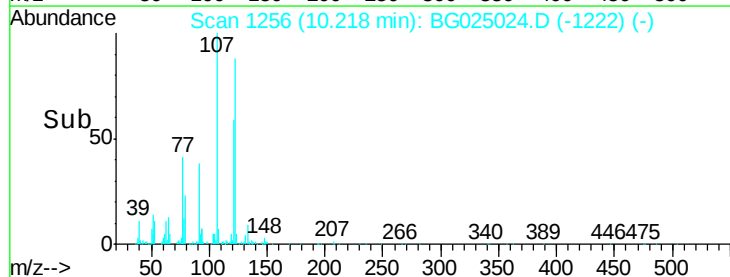
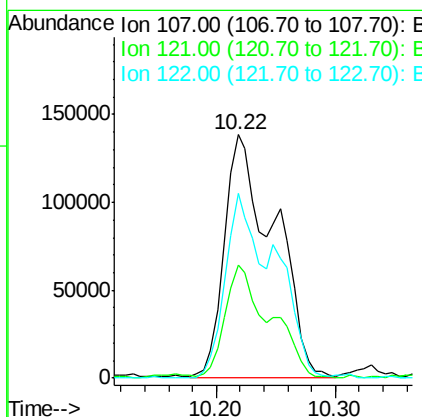
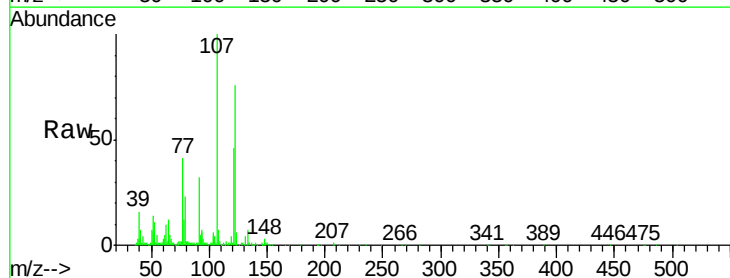
Manual Integrations
APPROVED

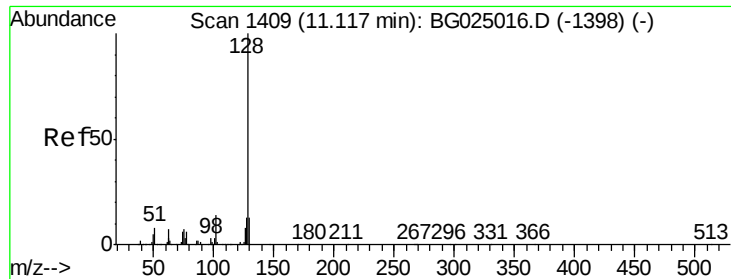
sohil
12/9/2016 3:42:04 PM



#24
2,4-Dimethylphenol
Concen: 49.68 ng/ul m
RT: 10.22 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BG025024.D
Acq: 9 Dec 2016 2:32

Tgt Ion	Ratio	Lower	Upper
107	100		
121	46.4	32.3	48.5
122	75.6	61.2	91.8





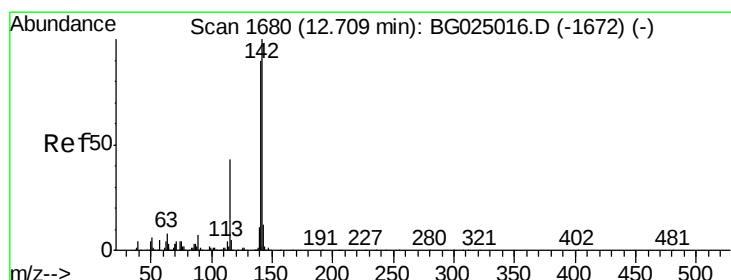
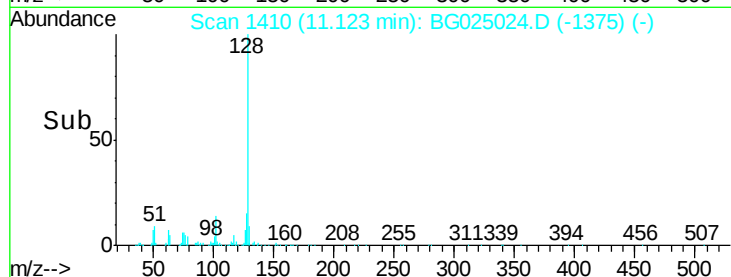
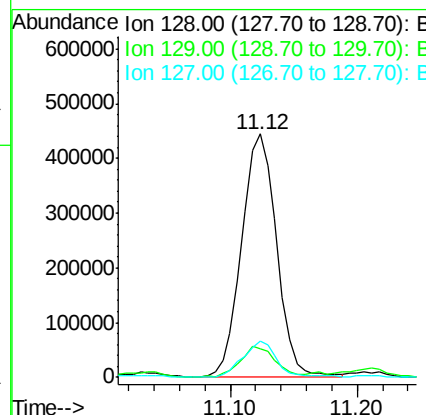
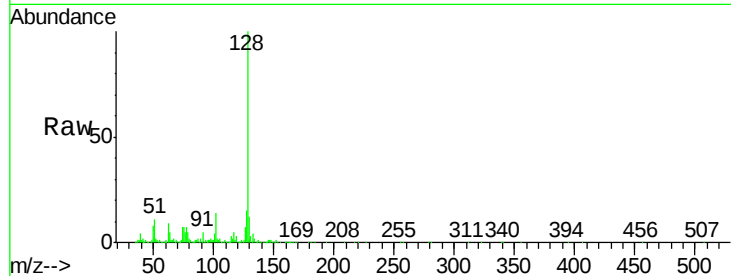
#28
Naphthalene
Concen: 46.44 ng/ul
RT: 11.12 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BG025024.D
Acq: 9 Dec 2016 2:32

Instrument :
BNA_G
ClientSampleId :
DA7Z8

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.2
127	15.0	10.3	15.5

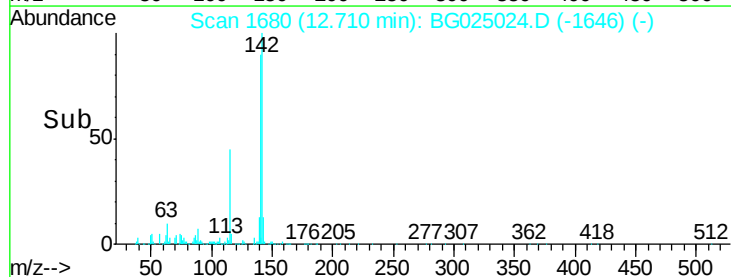
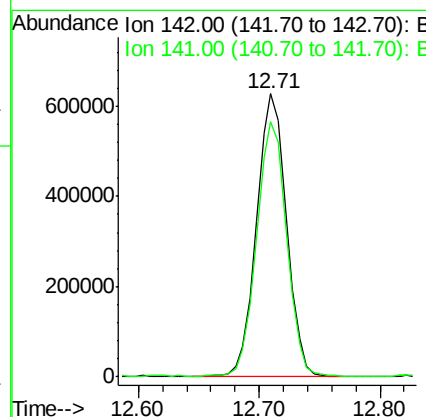
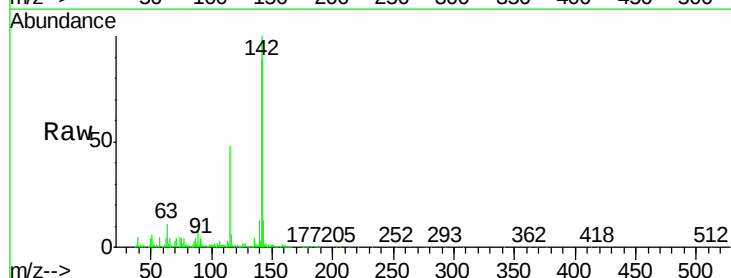
Manual Integrations
APPROVED

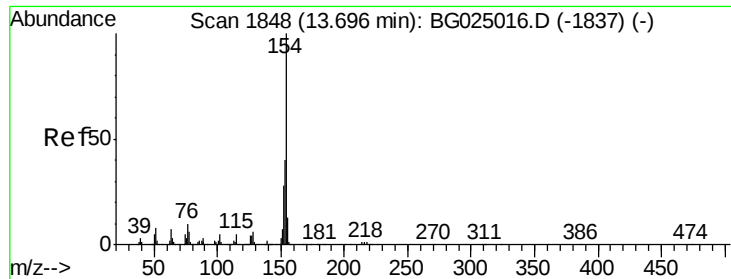
sohil
12/9/2016 3:42:04 PM



#34
2-Methylnaphthalene
Concen: 74.78 ng/ul
RT: 12.71 min Scan# 1680
Delta R.T. 0.00 min
Lab File: BG025024.D
Acq: 9 Dec 2016 2:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	68.6	102.8





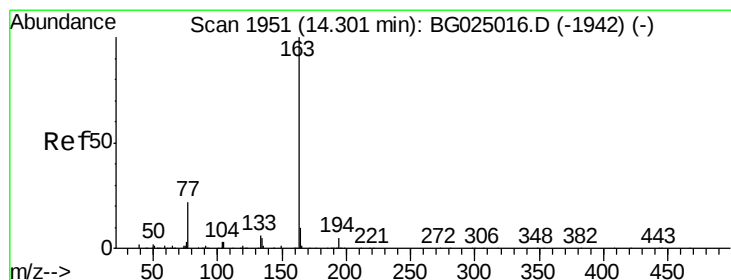
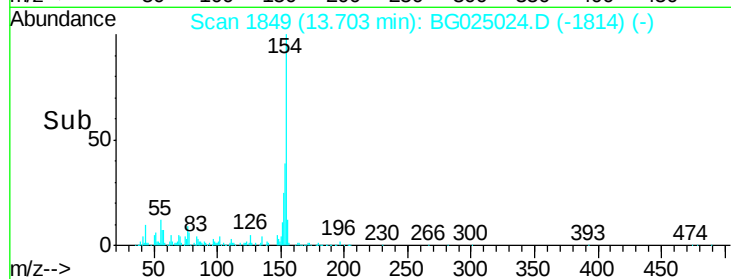
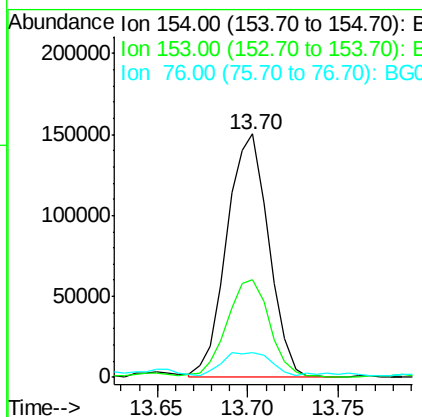
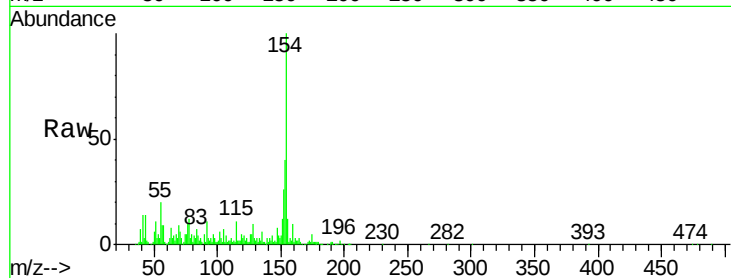
#40
1,1'-Biphenyl
Concen: 12.10 ng/ul
RT: 13.70 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BG025024.D
Acq: 9 Dec 2016 2:32

Instrument :
BNA_G
ClientSampleId :
DA7Z8

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.0	32.2	48.2
76	10.3	9.6	14.4

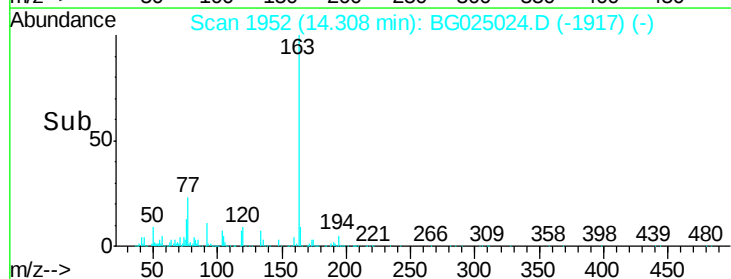
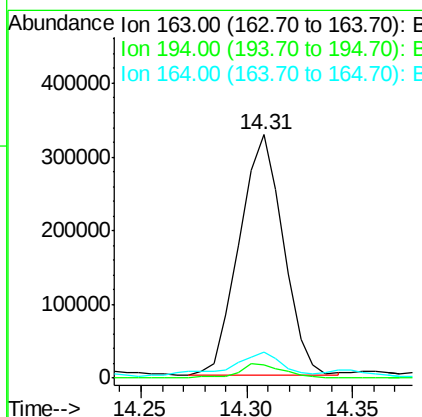
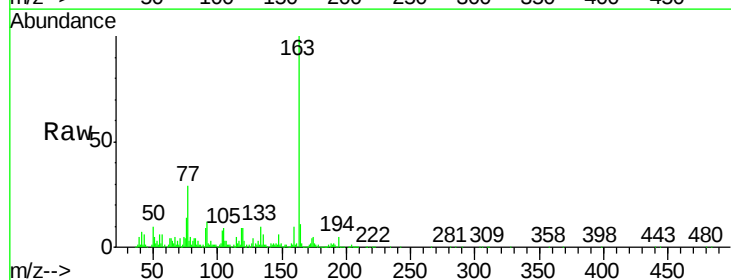
Manual Integrations
APPROVED

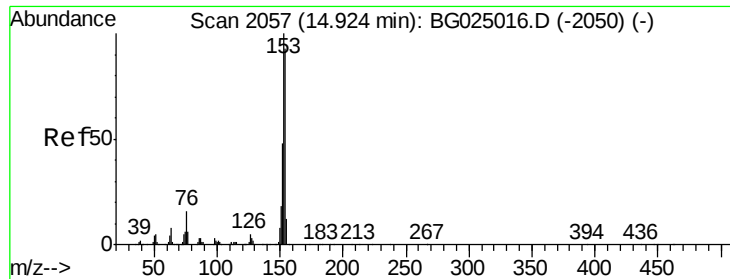
sohil
12/9/2016 3:42:04 PM



#44
Dimethylphthalate
Concen: 21.31 ng/ul
RT: 14.31 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BG025024.D
Acq: 9 Dec 2016 2:32

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.4	5.0#
164	10.9	9.0	13.4





#49

Acenaphthene

Concen: 3.93 ng/ul

RT: 14.93 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BG025024.D

Acq: 9 Dec 2016 2:32

Instrument :

BNA_G

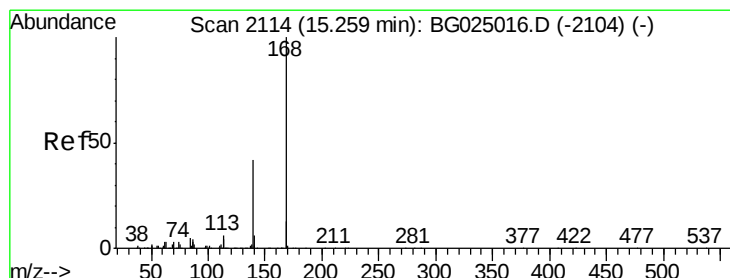
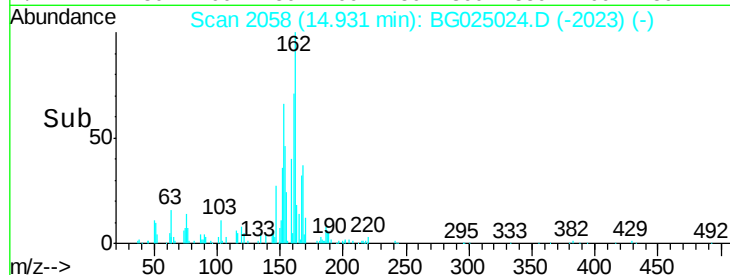
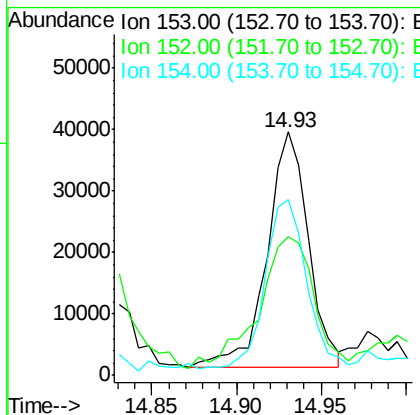
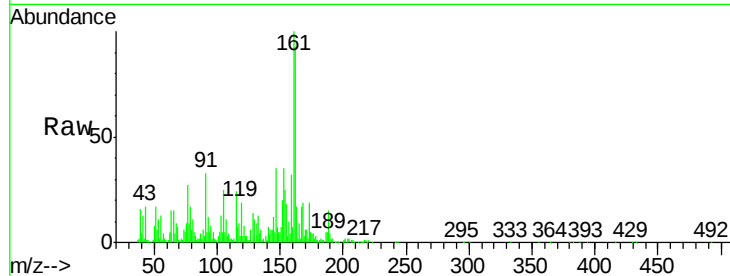
ClientSampleId :

DA7Z8

Tot Ion	Ratio	Lower	Upper
153	100		
152	57.1	36.5	54.7#
154	72.3	72.3	108.5

Manual Integrations
APPROVED

sohil
12/9/2016 3:42:04 PM



#53

Dibenzofuran

Concen: 7.20 ng/ul

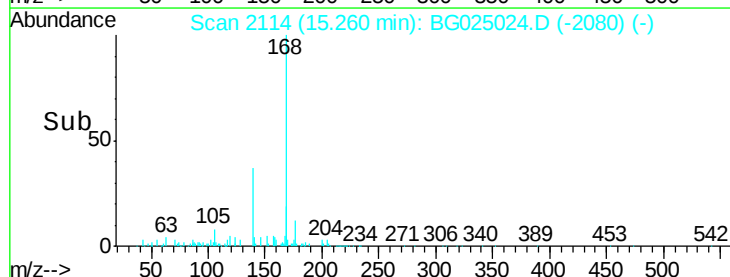
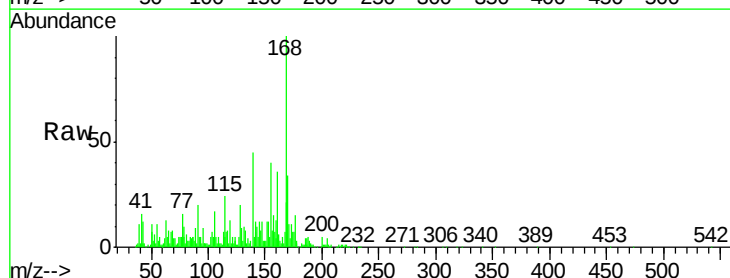
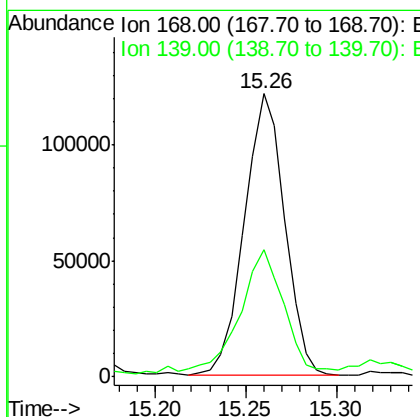
RT: 15.26 min Scan# 2114

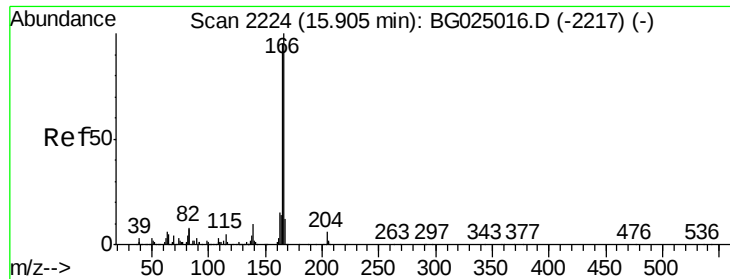
Delta R.T. 0.00 min

Lab File: BG025024.D

Acq: 9 Dec 2016 2:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.9	33.8	50.8





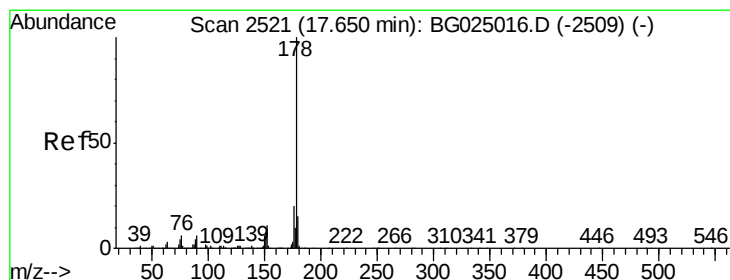
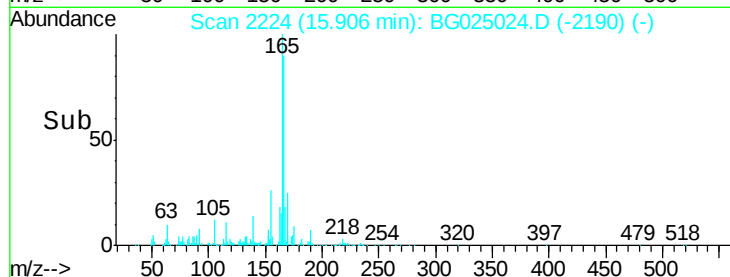
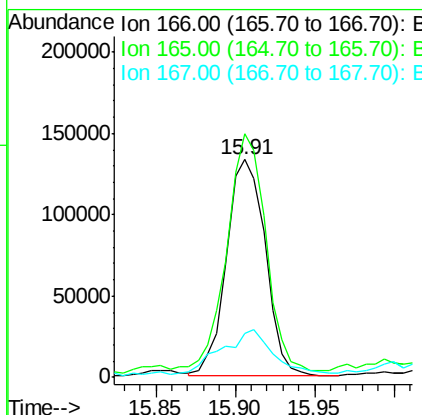
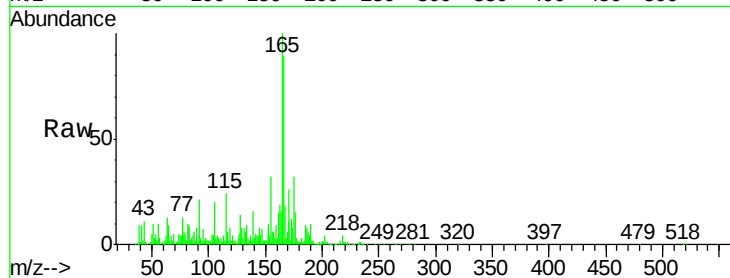
#58
Fluorene
 Concen: 10.57 ng/ul
 RT: 15.91 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BG025024.D
 Acq: 9 Dec 2016 2:32

Instrument :
 BNA_G
 ClientSampleId :
 DA7Z8

Tot Ion	Ratio	Lower	Upper
166	100		
165	112.0	79.7	119.5
167	20.2	11.4	17.2

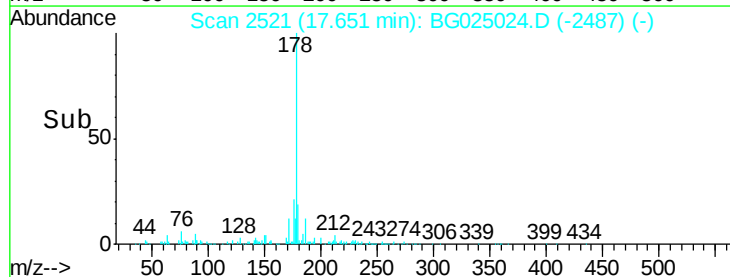
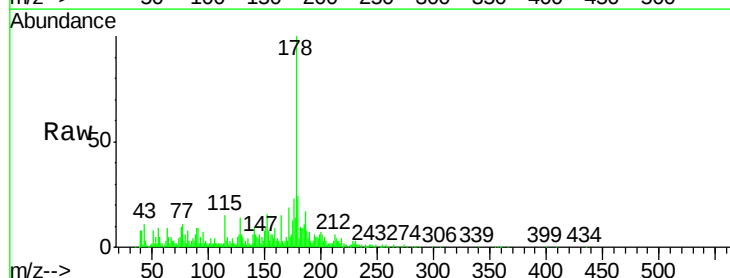
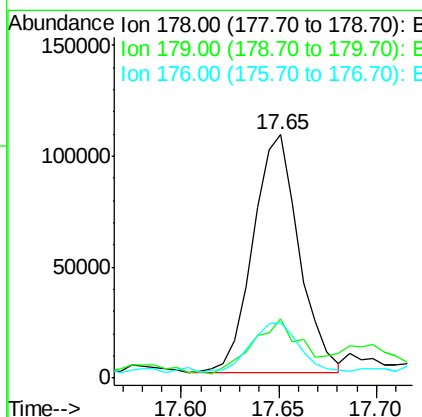
Manual Integrations
 APPROVED

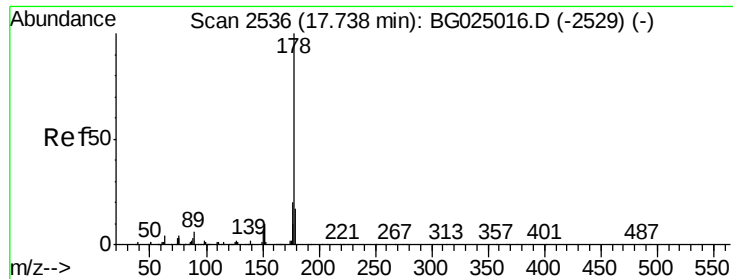
sohil
 12/9/2016 3:42:04 PM



#69
Phenanthrene
 Concen: 5.27 ng/ul
 RT: 17.65 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: BG025024.D
 Acq: 9 Dec 2016 2:32

Tgt Ion	Ratio	Lower	Upper
178	100		
179	24.4	12.4	18.6
176	22.8	16.5	24.7





#71

Anthracene

Concen: 1.29 ng/ul

RT: 17.74 min Scan# 2536

Delta R.T. 0.00 min

Lab File: BG025024.D

Acq: 9 Dec 2016 2:32

Instrument :

BNA_G

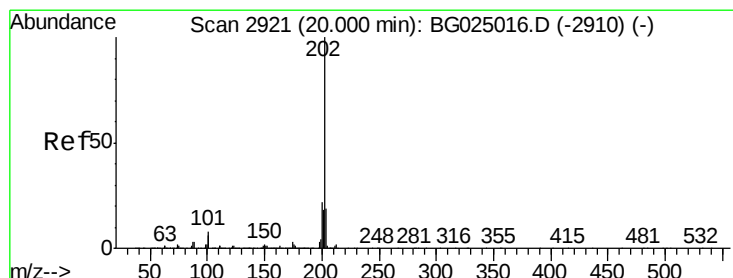
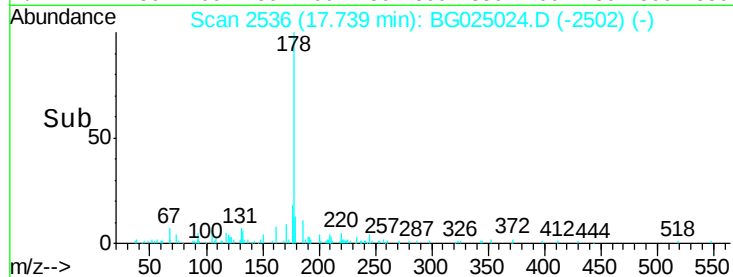
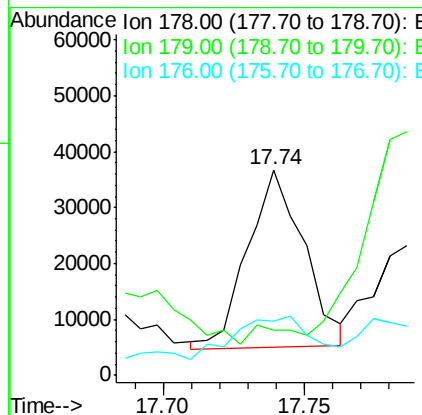
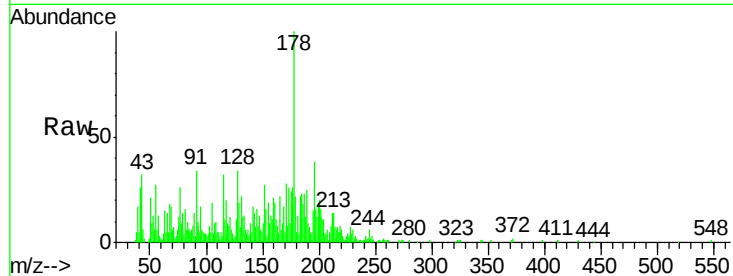
ClientSampled :

DA7Z8

Tot Ion:178	Resp:	43911
Ion Ratio	Lower	Upper
178	100	
179	22.1	12.6 19.0#
176	26.3	15.9 23.9#

Manual Integrations
APPROVED

sohil
12/9/2016 3:42:04 PM



#77

Pyrene

Concen: 1.46 ng/ul

RT: 20.00 min Scan# 2921

Delta R.T. 0.00 min

Lab File: BG025024.D

Acq: 9 Dec 2016 2:32

Tgt Ion:202	Resp:	62427
Ion Ratio	Lower	Upper
202	100	
101	8.1	6.9 10.3
100	6.4	6.6 10.0#

