

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
 Data File : BG025656.D
 Acq On : 26 Jan 2017 6:10
 Operator : SJ/MA
 Sample : I1387-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA9R3

Manual Integrations
 APPROVED

mohammad
 1/26/2017 5:11:58 PM

Quant Time: Jan 26 10:38:00 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 25 18:08:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	89033	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	411621	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	326059	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.58	188	645181	20.00	ng/ul	0.03
75) Chrysene-d12	21.85	240	736295	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	753921	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	2403	1.35	ng/uL	0.01
5) Phenol-d5	7.36	99	65187	8.54	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.49	67	188116	38.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	159662	29.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	123563	19.05	ng/ul	0.01
19) Nitrobenzene-d5	9.37	128	108060	37.04	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	161228	46.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	235351	34.27	ng/ul	0.02
29) 4-Chloroaniline-d4	11.13	131	966	0.13	ng/ul	-0.02
43) Dimethylphthalate-d6	14.21	166	802347	34.85	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	947169	38.08	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	32932m	10.44	ng/ul	0.05
57) Fluorene-d10	15.80	176	709782	32.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.67	188	1064397	38.75	ng/ul	0.02
76) Pyrene-d10	19.94	212	1222770	39.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.01	264	1176950	37.14	ng/ul	0.01

Target Compounds

					Ovalue	
14) Acetophenone	9.02	105	18466	1.82	ng/ul	95
21) Isophorone	9.92	82	195651	11.15	ng/ul#	97
28) Naphthalene	11.06	128	4636140	243.96	ng/ul#	81
34) 2-Methylnaphthalene	12.65	142	773857	49.88	ng/ul	99
39) 2,4,5-Trichlorophenol	13.35	196	60491	9.70	ng/ul	93
40) 1,1'-Biphenyl	13.64	154	256181	12.68	ng/ul	95
49) Acenaphthene	14.88	153	18855	1.09	ng/ul#	72
53) Dibenzofuran	15.21	168	671691	25.34	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.44	232	388255m	58.87	ng/ul	
58) Fluorene	15.85	166	33209	1.53	ng/ul#	81
68) Pentachlorophenol	17.30	266	15869452	4483.54	ng/ul#	64
69) Phenanthrene	17.62	178	593349	18.92	ng/ul	99
71) Anthracene	17.68	178	42473m	1.35	ng/ul	
72) Carbazole	17.97	167	693470	26.52	ng/ul#	97

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

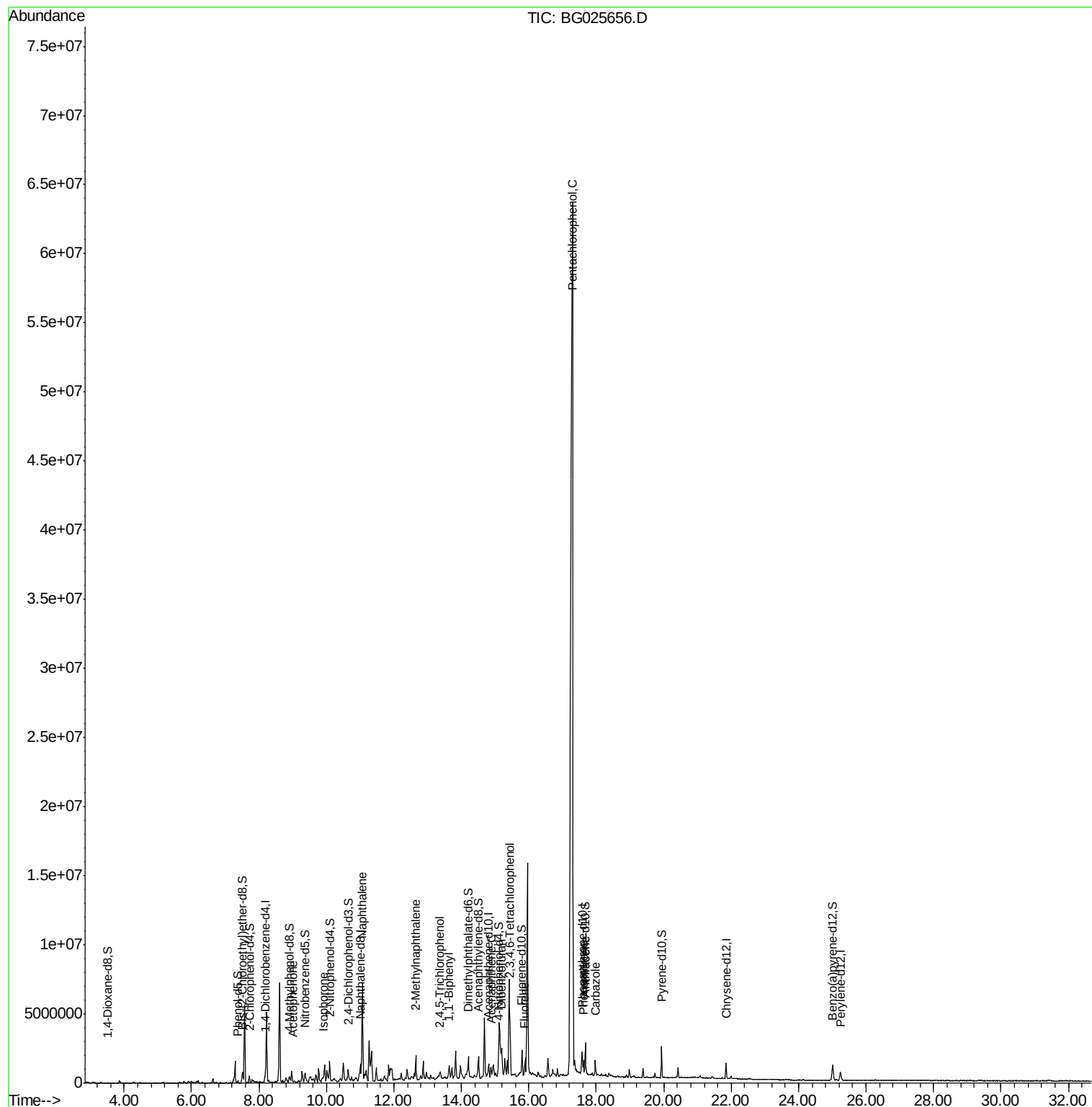
Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025656.D
Acq On : 26 Jan 2017 6:10
Operator : SJ/MA
Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

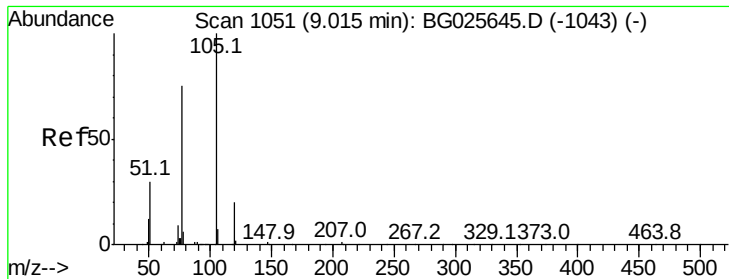
Instrument :
BNA_G
ClientSampleId :
DA9R3

Manual Integrations
APPROVED

mohammad
1/26/2017 5:11:58 PM

Quant Time: Jan 26 10:38:00 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 18:08:33 2017
Response via : Initial Calibration





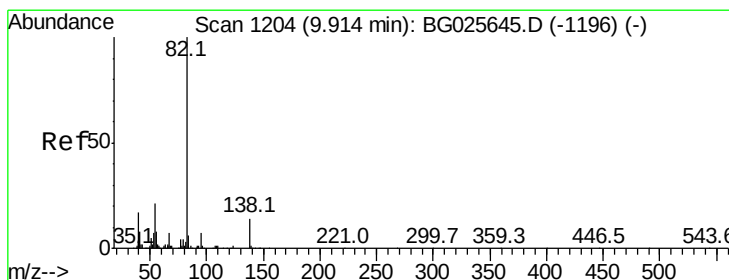
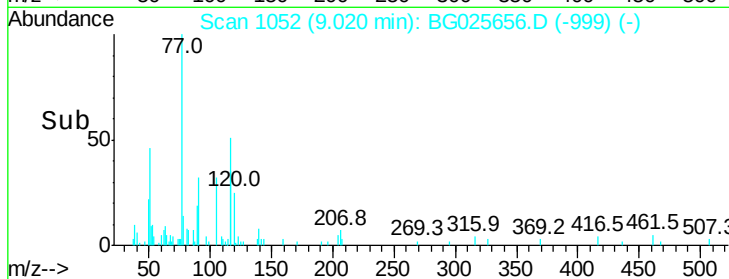
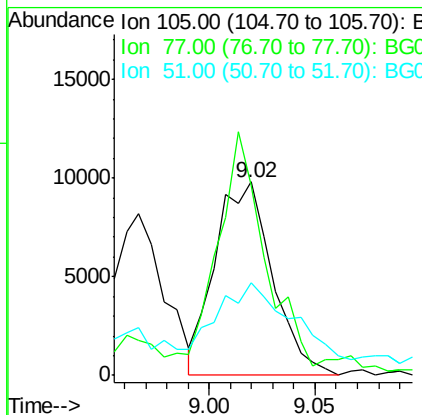
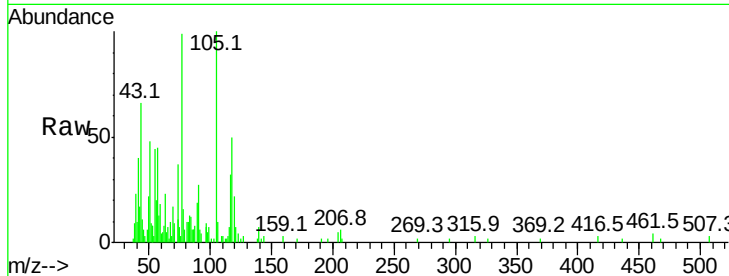
#14
Acetophenone
Concen: 1.82 ng/ul
RT: 9.02 min Scan# 1052
Delta R.T. 0.01 min
Lab File: BG025656.D
Acq: 26 Jan 2017 6:10

Instrument :
BNA_G
ClientSampleId :
DA9R3

Tot Ion	Ratio	Resp	Lower	Upper
105	100	18466		
77	98.5	76.0	114.0	
51	48.1	34.8	52.2	

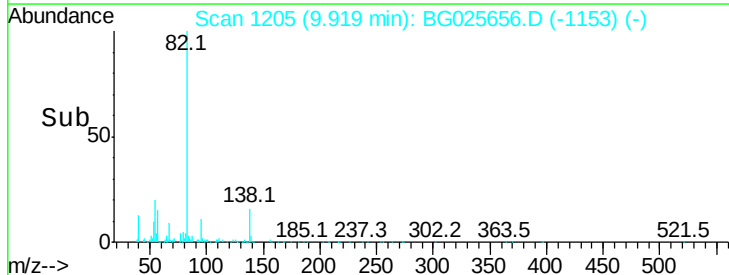
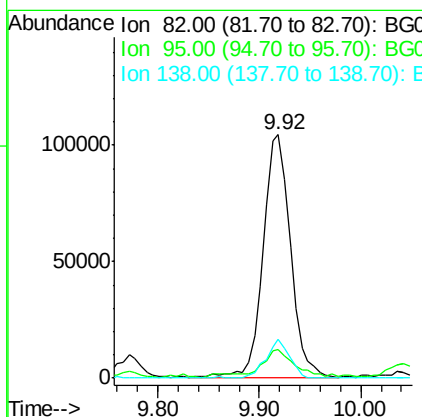
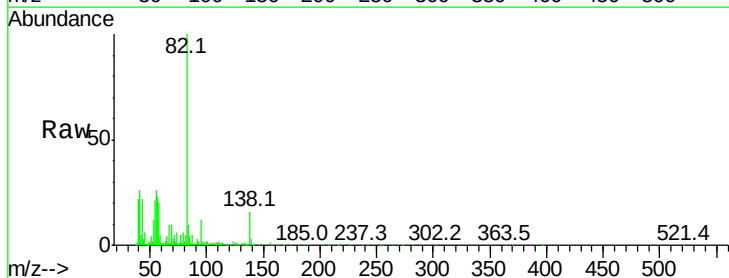
Manual Integrations
APPROVED

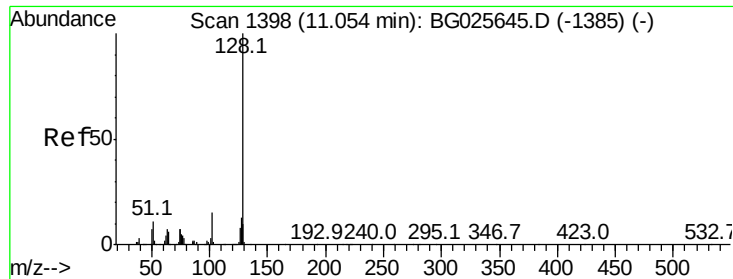
mohammad
1/26/2017 5:11:58 PM



#21
Isophorone
Concen: 11.15 ng/ul
RT: 9.92 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG025656.D
Acq: 26 Jan 2017 6:10

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	195651		
95	11.7	7.8	11.6#	
138	16.1	12.2	18.2	





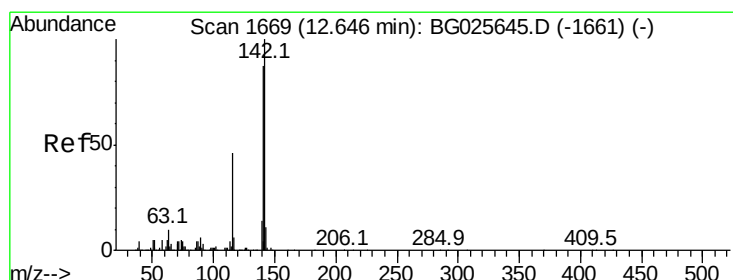
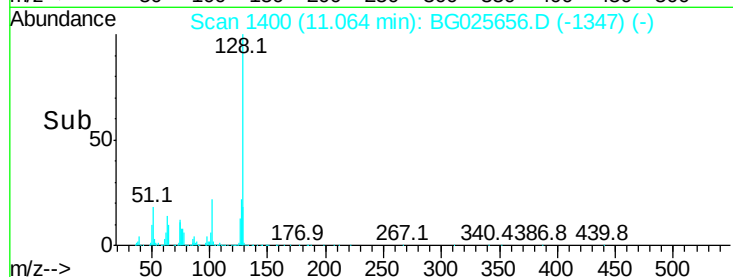
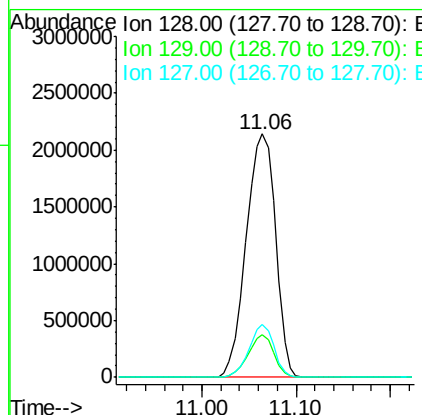
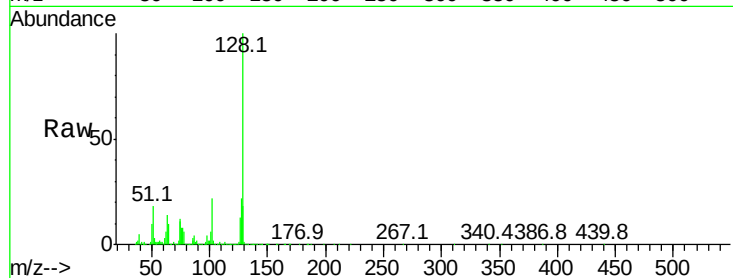
#28
Naphthalene
Concen: 243.96 ng/ul
RT: 11.06 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BG025656.D
Acq: 26 Jan 2017 6:10

Instrument :
BNA_G
ClientSampled :
DA9R3

Tot Ion:128 Resp: 4636140
Ion Ratio Lower Upper
128 100
129 17.6 9.4 14.2#
127 21.7 10.3 15.5#

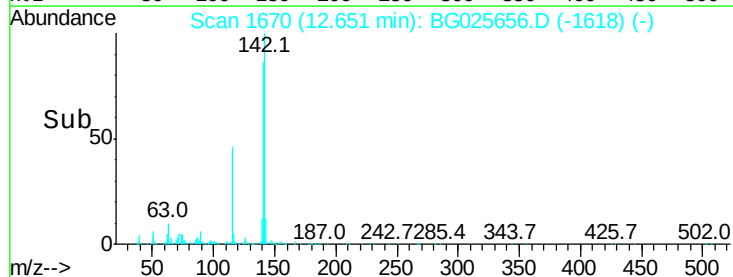
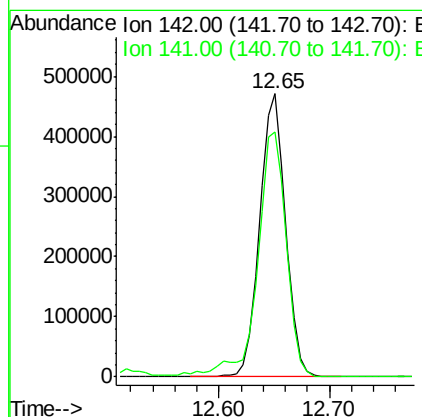
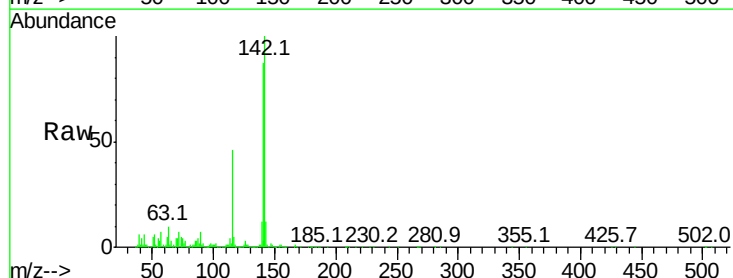
Manual Integrations
APPROVED

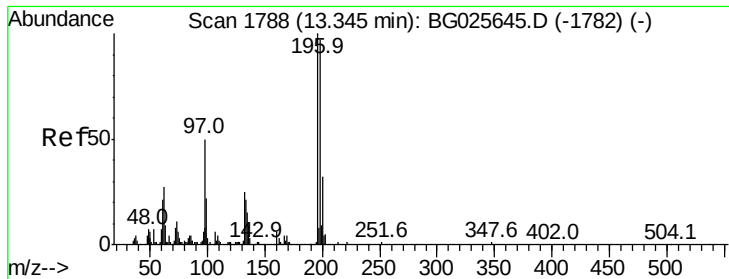
mohammad
1/26/2017 5:11:58 PM



#34
2-Methylnaphthalene
Concen: 49.88 ng/ul
RT: 12.65 min Scan# 1670
Delta R.T. 0.01 min
Lab File: BG025656.D
Acq: 26 Jan 2017 6:10

Tgt Ion:142 Resp: 773857
Ion Ratio Lower Upper
142 100
141 86.5 68.6 102.8





#39

2,4,5-Trichlorophenol

Concen: 9.70 ng/ul

RT: 13.35 min Scan# 1789

Delta R.T. 0.01 min

Lab File: BG025656.D

Acq: 26 Jan 2017 6:10

Instrument :

BNA_G

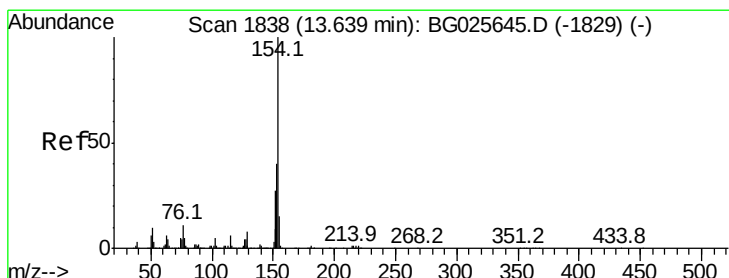
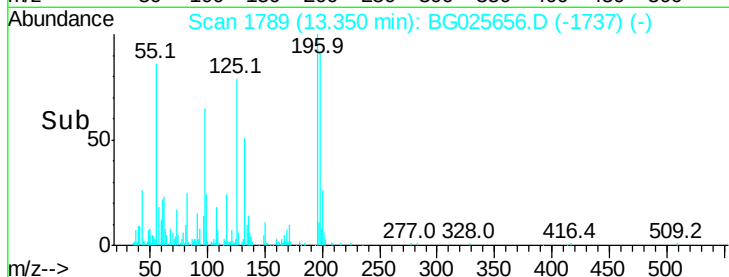
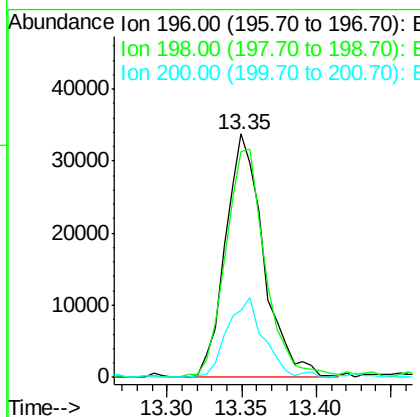
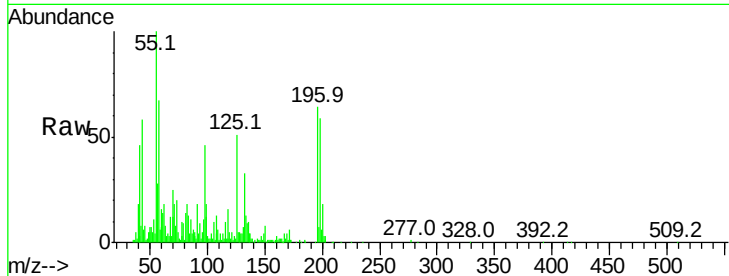
ClientSampleId :

DA9R3

Tot Ion:	196	Resp:	60491
Ion Ratio	Lower	Upper	
196	100		
198	92.6	78.6	118.0
200	27.8	27.3	40.9

Manual Integrations
APPROVED

mohammad
1/26/2017 5:11:58 PM



#40

1,1'-Biphenyl

Concen: 12.68 ng/ul

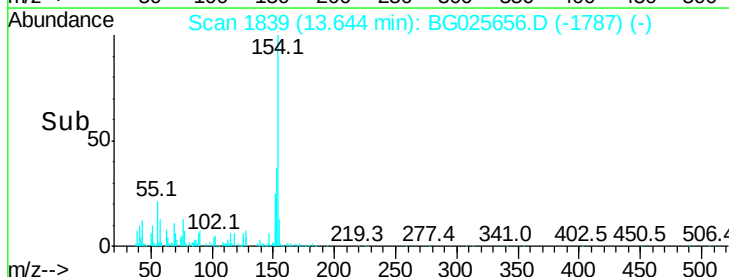
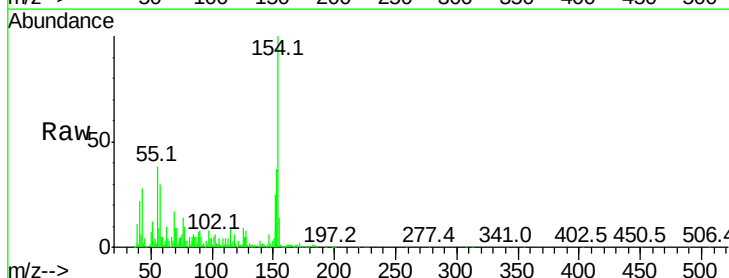
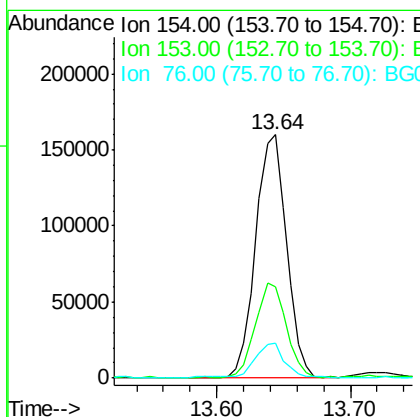
RT: 13.64 min Scan# 1839

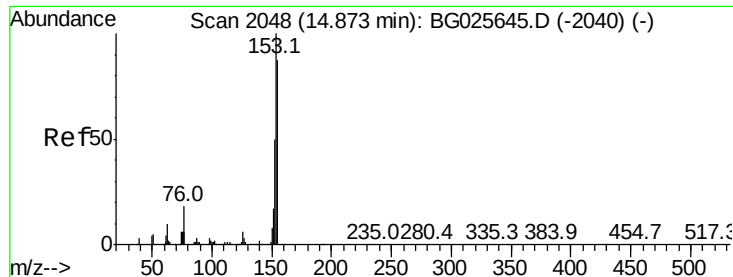
Delta R.T. 0.01 min

Lab File: BG025656.D

Acq: 26 Jan 2017 6:10

Tgt Ion:	154	Resp:	256181
Ion Ratio	Lower	Upper	
154	100		
153	37.3	32.2	48.2
76	14.2	9.6	14.4





#49

Acenaphthene

Concen: 1.09 ng/ul

RT: 14.88 min Scan# 2049

Delta R.T. 0.01 min

Lab File: BG025656.D

Acq: 26 Jan 2017 6:10

Instrument :

BNA_G

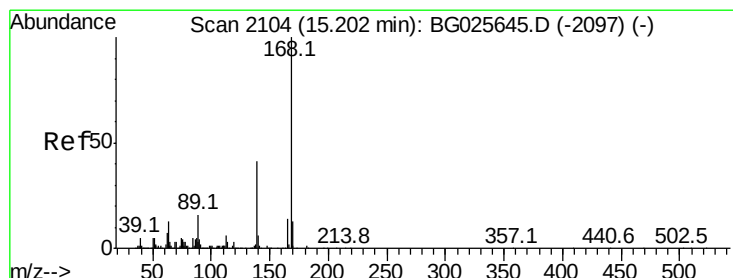
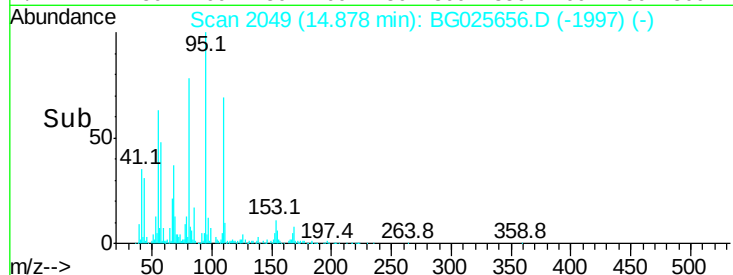
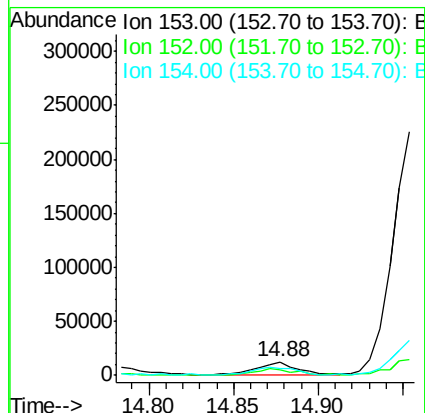
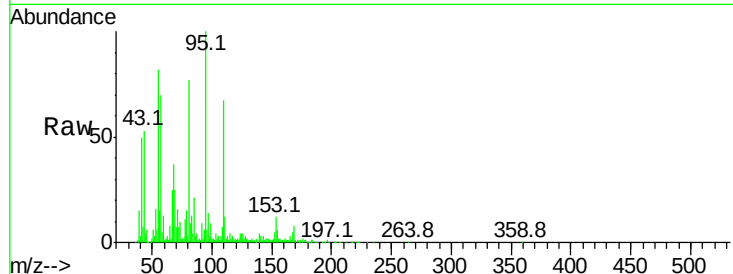
ClientSampleId :

DA9R3

Tot Ion	Ratio	Lower	Upper
153	100		
152	43.2	36.5	54.7
154	52.8	72.3	108.5

Manual Integrations
APPROVED

mohammad
1/26/2017 5:11:58 PM



#53

Dibenzofuran

Concen: 25.34 ng/ul

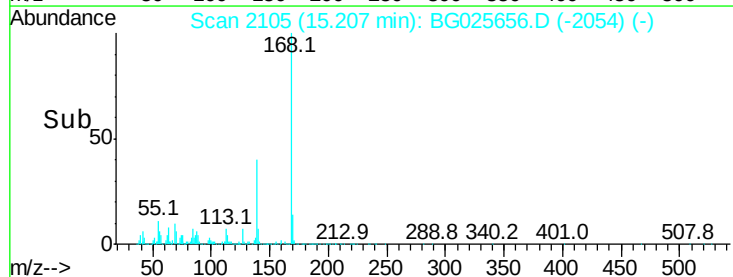
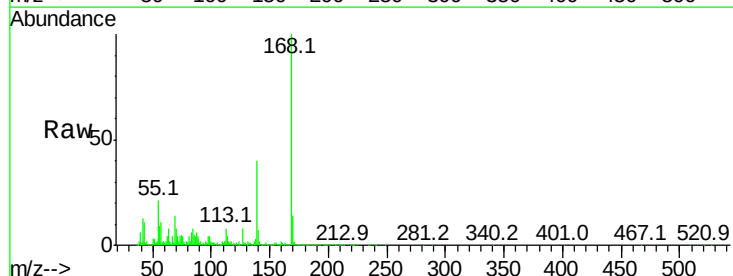
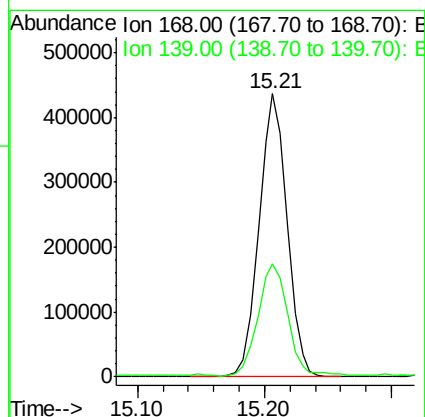
RT: 15.21 min Scan# 2105

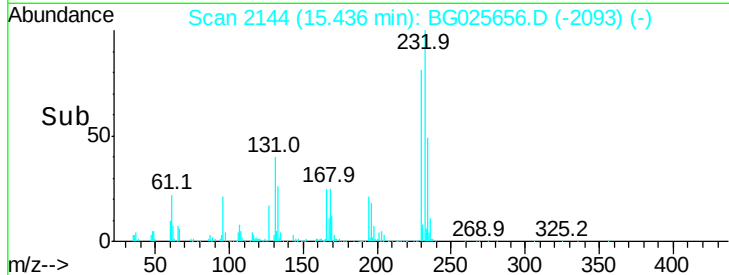
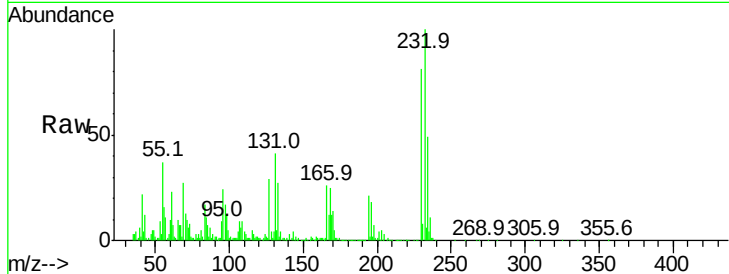
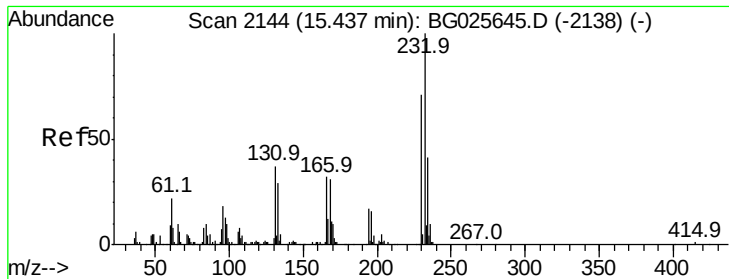
Delta R.T. 0.00 min

Lab File: BG025656.D

Acq: 26 Jan 2017 6:10

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.1	33.8	50.8





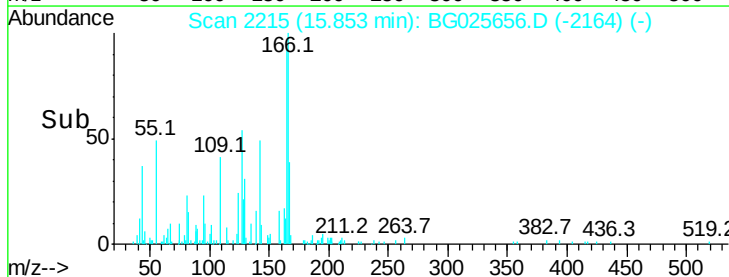
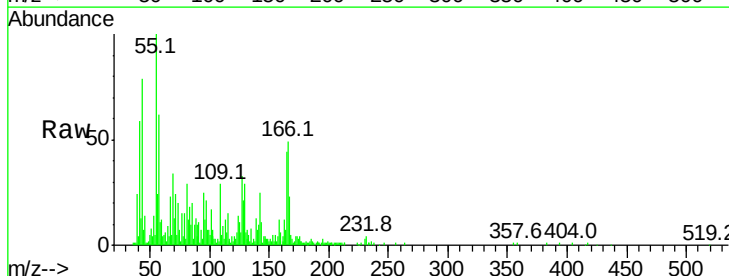
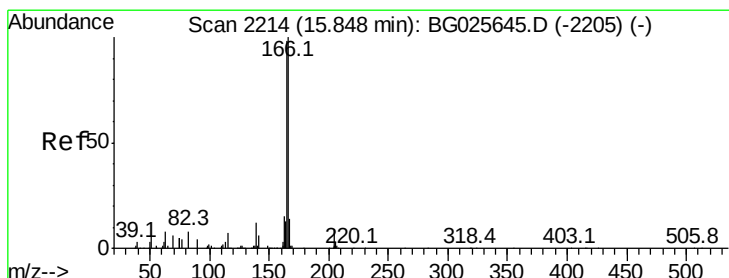
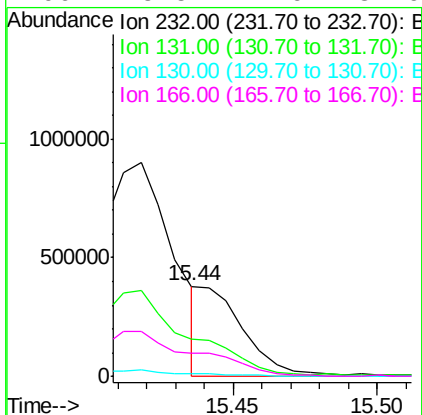
#55
2,3,4,6-Tetrachlorophenol
Concen: 58.87 ng/ul m
RT: 15.44 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG025656.D
Acq: 26 Jan 2017 6:10

Instrument :
BNA_G
ClientSampleId :
DA9R3

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	41.1	33.3	49.9
130	3.6	1.8	2.6
166	25.5	21.9	32.9

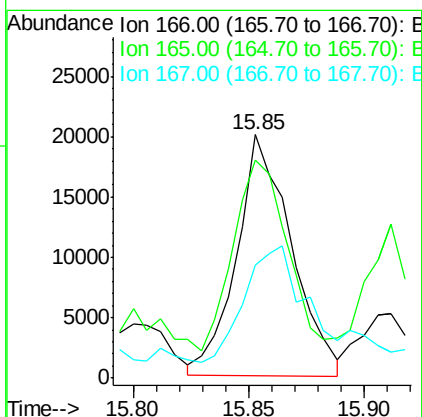
Manual Integrations
APPROVED

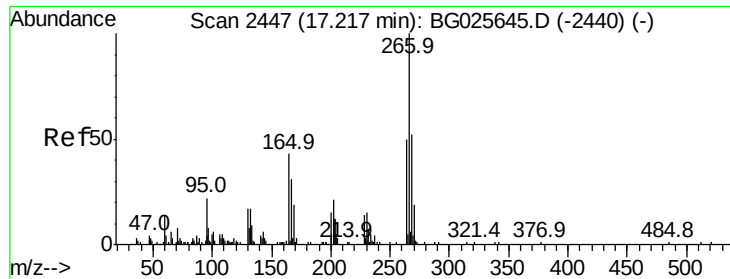
mohammad
1/26/2017 5:11:58 PM



#58
Fluorene
Concen: 1.53 ng/ul
RT: 15.85 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BG025656.D
Acq: 26 Jan 2017 6:10

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	89.4	79.7	119.5
167	46.7	11.4	17.2





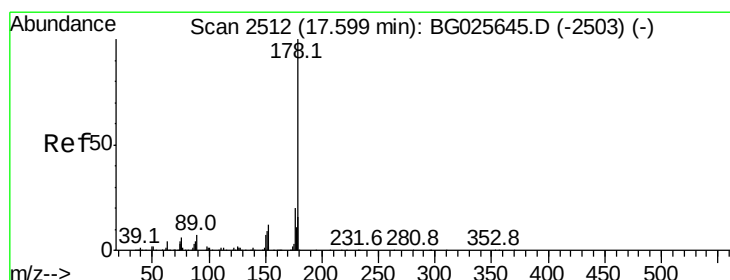
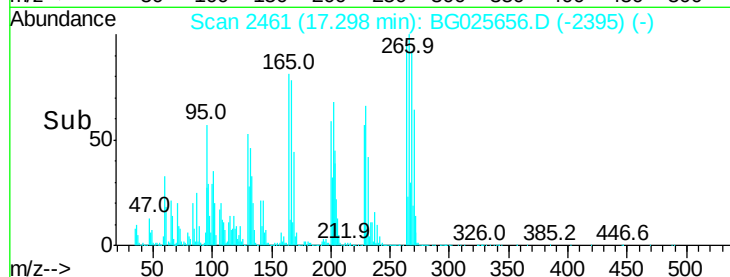
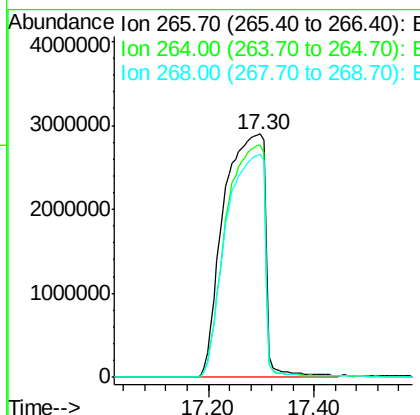
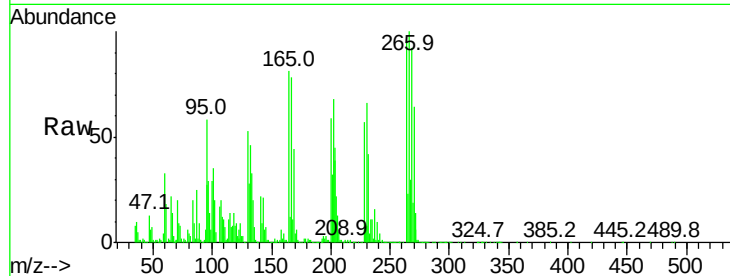
#68
 Pentachlorophenol
 Concen: 4483.54 ng/ul
 RT: 17.30 min Scan# 2461
 Delta R.T. 0.09 min
 Lab File: BG025656.D
 Acq: 26 Jan 2017 6:10

Instrument :
 BNA_G
 ClientSampleId :
 DA9R3

Tot Ion:266 Resp:15869452
 Ion Ratio Lower Upper
 266 100
 264 95.5 47.1 70.7#
 268 91.6 56.2 84.4#

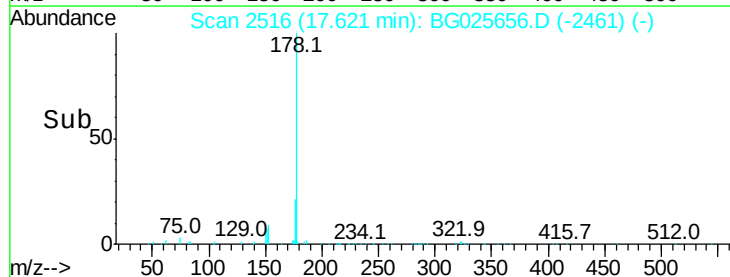
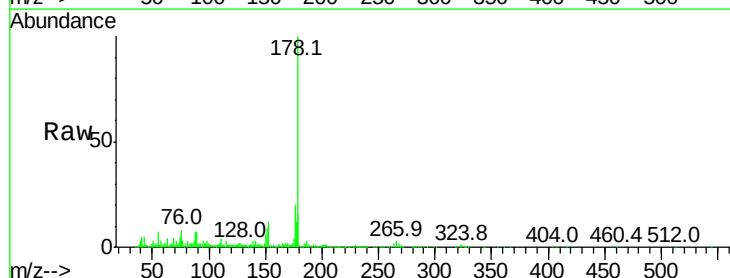
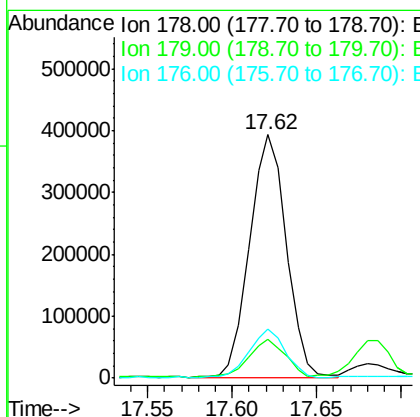
Manual Integrations
 APPROVED

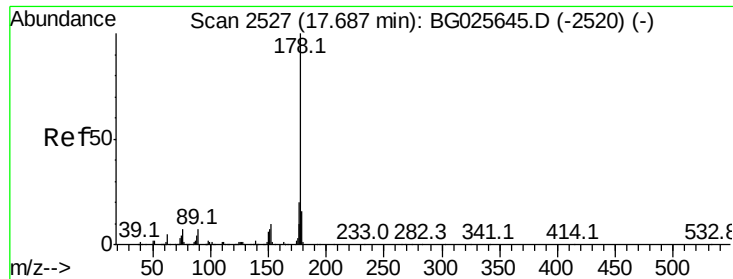
mohammad
 1/26/2017 5:11:58 PM



#69
 Phenanthrene
 Concen: 18.92 ng/ul
 RT: 17.62 min Scan# 2516
 Delta R.T. 0.02 min
 Lab File: BG025656.D
 Acq: 26 Jan 2017 6:10

Tgt Ion:178 Resp: 593349
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.4 18.6
 176 20.0 16.5 24.7





#71

Anthracene

Concen: 1.35 ng/ul m

RT: 17.68 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BG025656.D

Acq: 26 Jan 2017 6:10

Instrument :

BNA_G

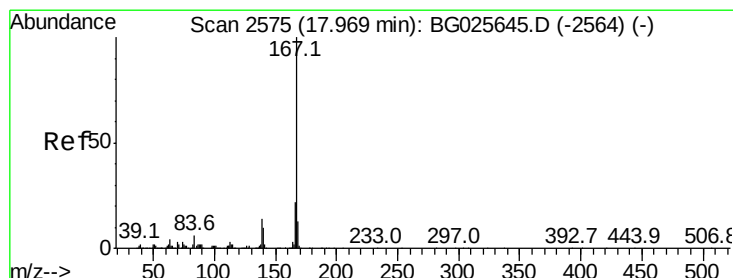
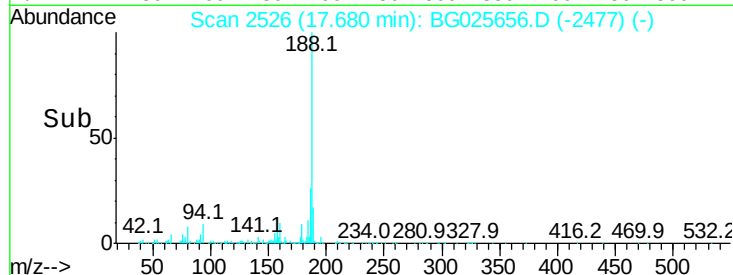
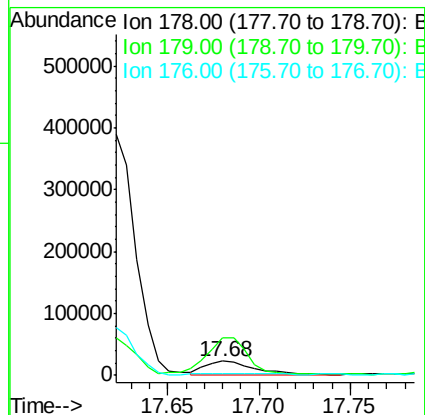
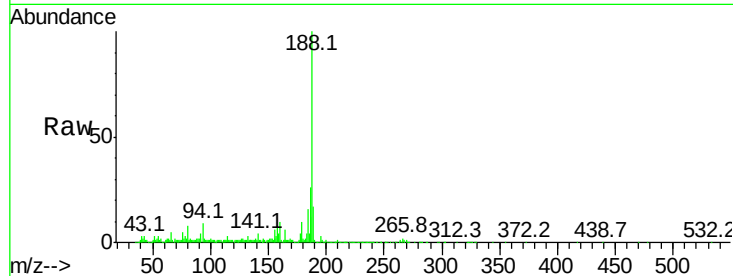
ClientSampleId :

DA9R3

Tot Ion	Ratio	Lower	Upper
178	100		
179	265.2	12.6	19.0#
176	10.5	15.9	23.9#

Manual Integrations
APPROVED

mohammad
1/26/2017 5:11:58 PM



#72

Carbazole

Concen: 26.52 ng/ul

RT: 17.97 min Scan# 2576

Delta R.T. 0.01 min

Lab File: BG025656.D

Acq: 26 Jan 2017 6:10

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.9	26.9
139	15.8	10.5	15.7#

