

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
 Data File : BG051660.D
 Acq On : 19 Dec 2021 12:23
 Operator : CG/JU
 Sample : M5153-05
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGL70

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2021
 Supervised By :mohammad ahmed 12/24/2021

Quant Time: Dec 20 00:11:31 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 14 14:19:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.272	152	49359	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.110	136	191588	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.910	164	118081	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.665	188	236100	20.000	ng/ul	0.00
79) Chrysene-d12	21.995	240	244595	20.000	ng/ul	0.00
88) Perylene-d12	25.549	264	253450	20.000	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.596	96	3431	2.887	ng/uL	0.00
4) Pyridine-d5	4.031	84	20049	5.583	ng/ul	-0.01
7) Phenol-d5	7.403	99	80462	18.257	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.579	67	54327	20.736	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.796	132	58130	18.965	ng/ul	-0.01
15) 4-Methylphenol-d8	8.965	113	65508	19.230	ng/ul	-0.01
21) Nitrobenzene-d5	9.441	128	30772	21.907	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.170	143	34925	22.745	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.716	165	63331	19.019	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.227	131	27646	6.306	ng/ul	-0.01
46) Dimethylphthalate-d6	14.299	166	178341	18.870	ng/ul	-0.01
49) Acenaphthylene-d8	14.605	160	228602	19.476	ng/ul	0.00
54) 4-Nitrophenol-d4	15.069	143	23528	15.308	ng/ul	0.00
60) Fluorene-d10	15.897	176	154566	18.254	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.003	200	22581	18.357	ng/ul	0.00
73) Anthracene-d10	17.759	188	230461	20.462	ng/ul	0.00
81) Pyrene-d10	20.039	212	266374	18.095	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.302	264	254281	19.068	ng/ul	0.05
Target Compounds						
					Qvalue	
8) Phenol	7.426	94	7337	1.674	ng/ul#	91
30) Naphthalene	11.162	128	39231	3.801	ng/ul#	96
32) 4-Chloroaniline	11.256	127	7142m	1.595	ng/ul	
36) 2-Methylnaphthalene	12.754	142	18656	2.533	ng/ul	99
37) 1-Methylnaphthalene	12.972	142	24618	3.220	ng/ul#	93
39) 1,2,4,5-Tetrachloroben...	13.113	216	4319	1.052	ng/ul#	82
52) Acenaphthene	14.975	153	21069	2.777	ng/ul	86
56) Dibenzofuran	15.304	168	22063m	1.975	ng/ul	
61) Fluorene	15.956	166	53953	5.860	ng/ul#	90
72) Phenanthrene	17.706	178	104772	8.628	ng/ul#	89
77) Carbazole	18.059	167	11595	1.055	ng/ul#	28
80) Fluoranthene	19.710	202	45723	2.706	ng/ul	97
82) Pyrene	20.068	202	58180	3.479	ng/ul#	93
83) Butylbenzylphthalate	20.943	149	385187	68.686	ng/ul#	96
86) Bis(2-ethylhexyl)phtha...	21.924	149	12753615m	1623.568	ng/ul	
87) Chrysene	22.048	228	30091	1.957	ng/ul#	68
89) Di-n-octyl phthalate	23.234	149	10059370	736.882	ng/ul	100

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

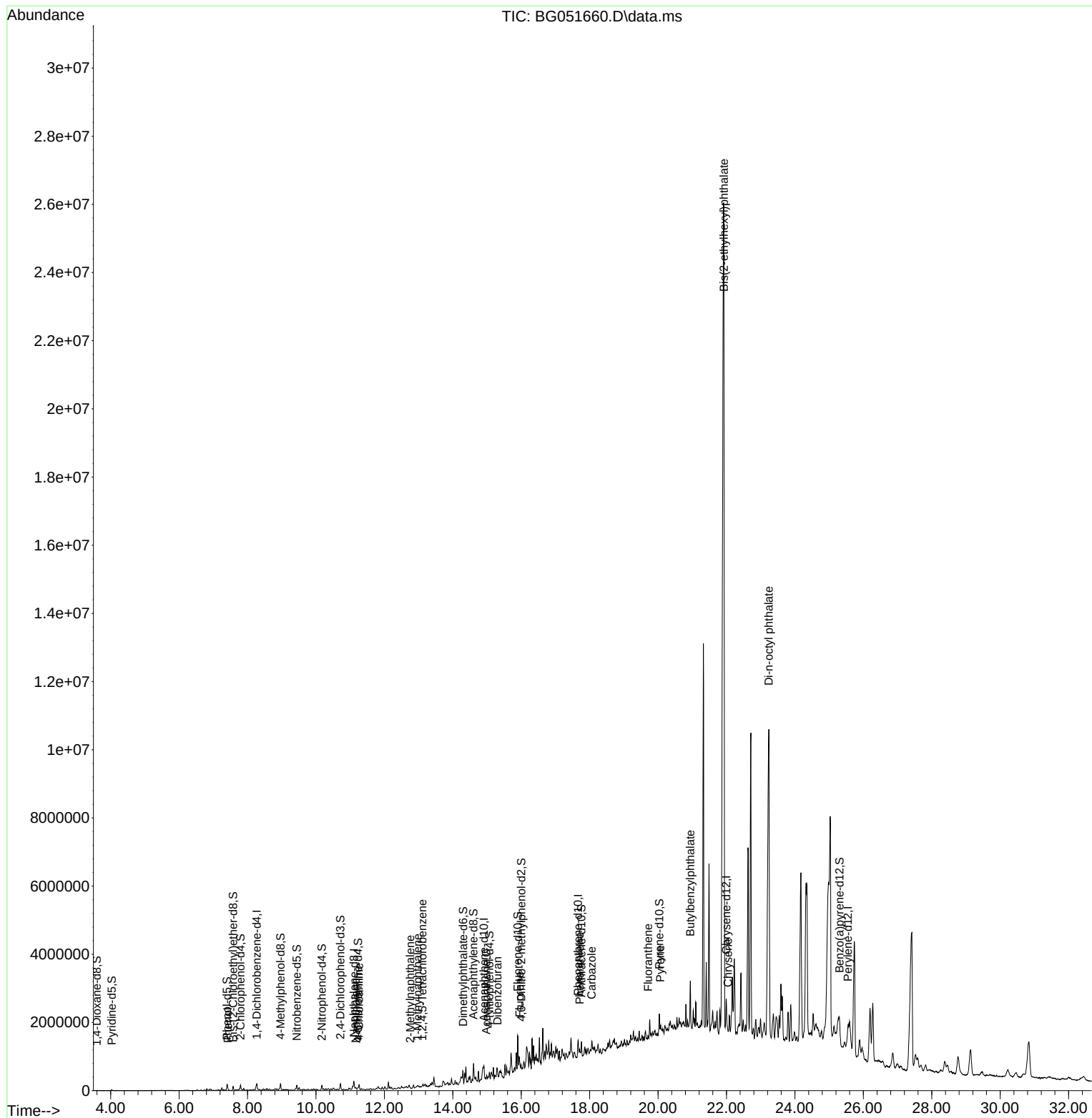
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
 Data File : BG051660.D
 Acq On : 19 Dec 2021 12:23
 Operator : CG/JU
 Sample : M5153-05
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

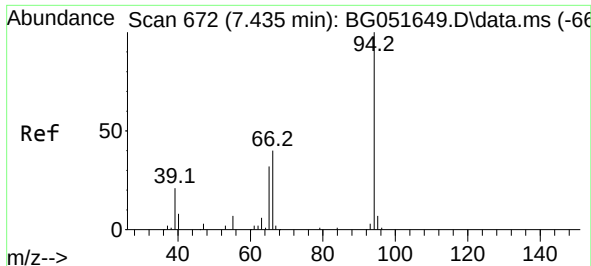
Instrument :
 BNA_G
 ClientSampleId :
 BGL70

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2021
 Supervised By :mohammad ahmed 12/24/2021

Quant Time: Dec 20 00:11:31 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 14 14:19:57 2021
 Response via : Initial Calibration





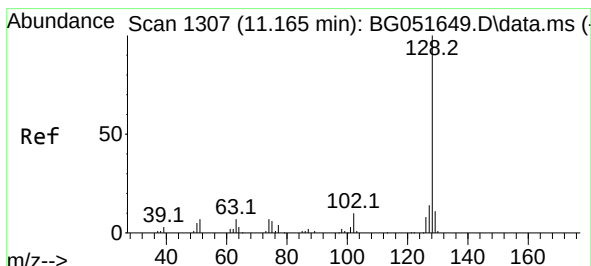
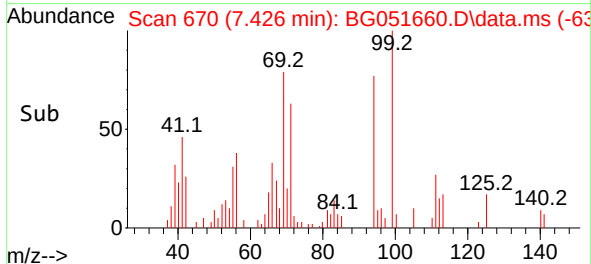
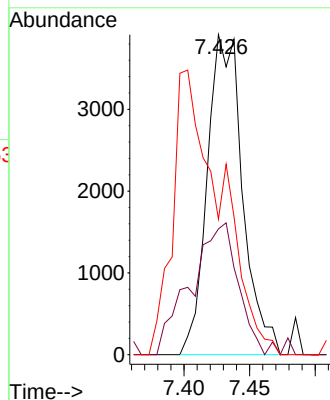
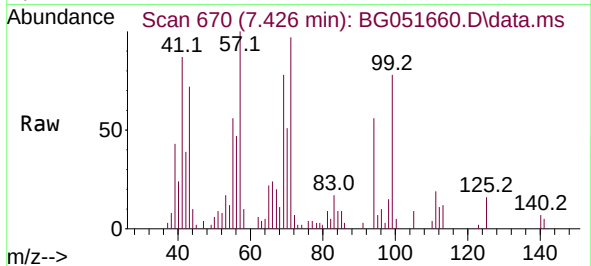
#8
Phenol
Concen: 1.674 ng/ul
RT: 7.426 min Scan# 61
Delta R.T. -0.015 min
Lab File: BG051660.D
Acq: 19 Dec 2021 12:23

Instrument :
BNA_G
ClientSampleId :
BGL70

Tgt Ion: 94 Resp: 733
Ion Ratio Lower Upper
94 100
65 39.3 25.1 37.7
66 42.3 31.6 47.4

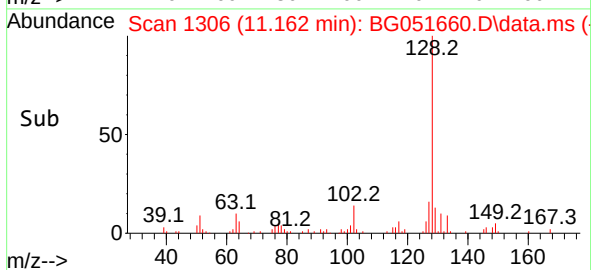
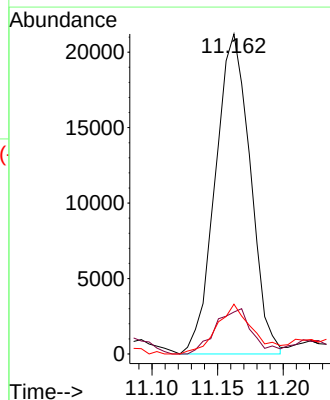
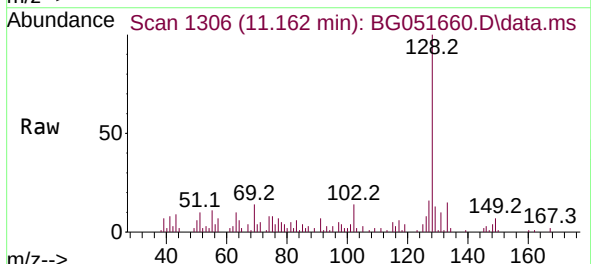
Manual Integrations
APPROVED

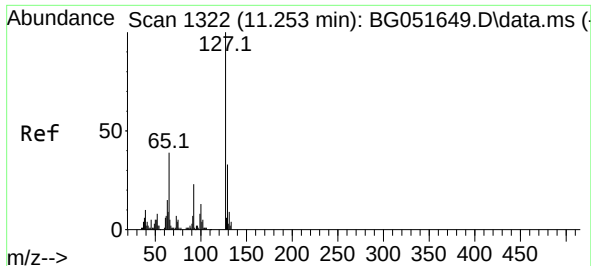
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



#30
Naphthalene
Concen: 3.801 ng/ul
RT: 11.162 min Scan# 1306
Delta R.T. -0.015 min
Lab File: BG051660.D
Acq: 19 Dec 2021 12:23

Tgt Ion:128 Resp: 39231
Ion Ratio Lower Upper
128 100
129 13.1 8.5 12.7
127 15.6 11.8 17.6





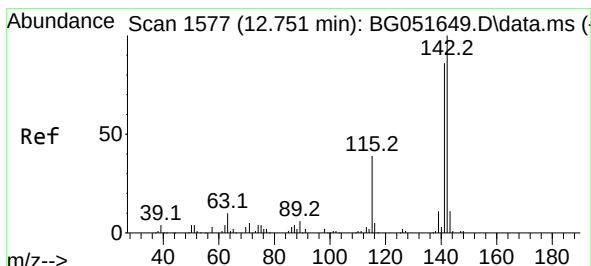
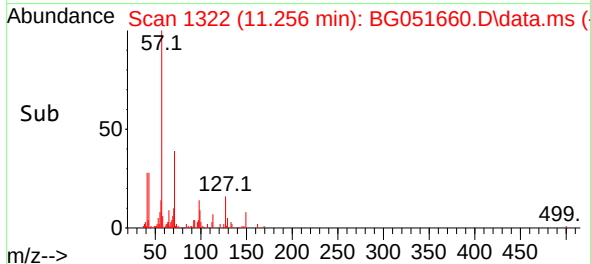
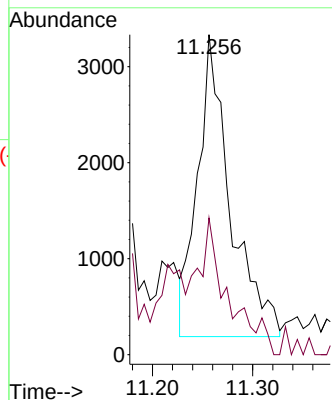
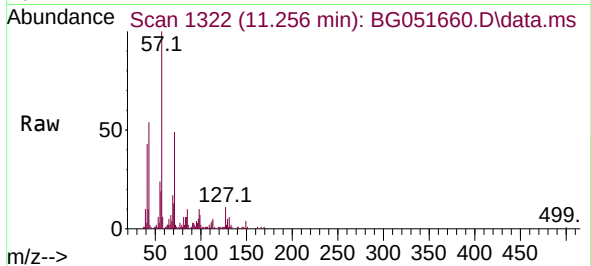
#32
4-Chloroaniline
Concen: 1.595 ng/ul m
RT: 11.256 min Scan# 1125
Delta R.T. -0.015 min
Lab File: BG051660.D
Acq: 19 Dec 2021 12:23

Instrument :
BNA_G
ClientSampleId :
BGL70

Tgt Ion:127 Resp: 714
Ion Ratio Lower Upper
127 100
129 42.7 26.2 39.2

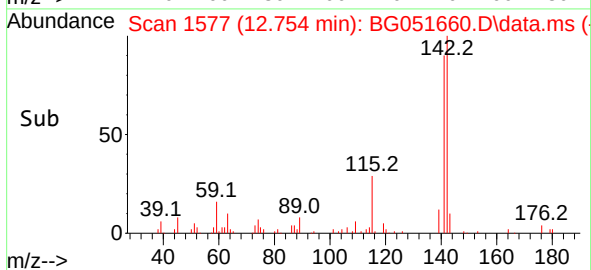
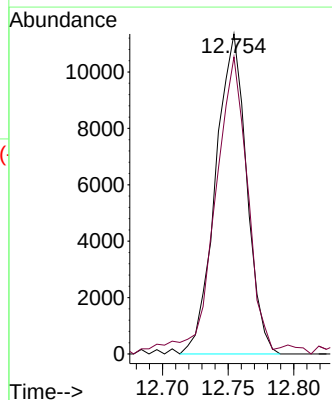
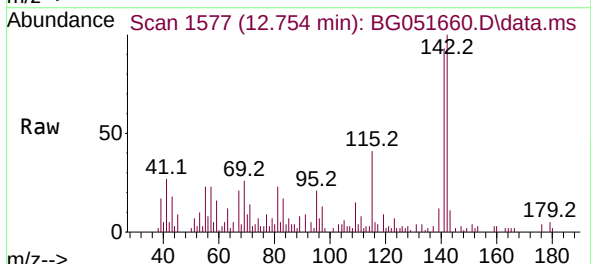
Manual Integrations
APPROVED

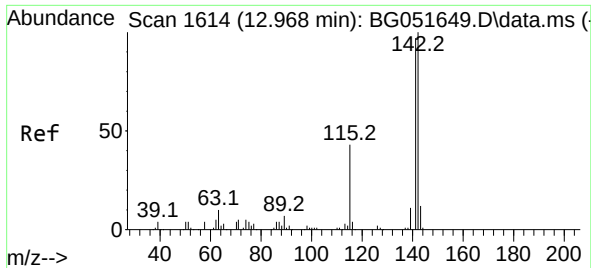
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



#36
2-Methylnaphthalene
Concen: 2.533 ng/ul
RT: 12.754 min Scan# 1577
Delta R.T. -0.015 min
Lab File: BG051660.D
Acq: 19 Dec 2021 12:23

Tgt Ion:142 Resp: 18656
Ion Ratio Lower Upper
142 100
141 92.8 73.3 109.9





#37

1-Methylnaphthalene

Concen: 3.220 ng/ul

RT: 12.972 min Scan# 1614

Delta R.T. -0.015 min

Lab File: BG051660.D

Acq: 19 Dec 2021 12:23

Instrument :

BNA_G

ClientSampleId :

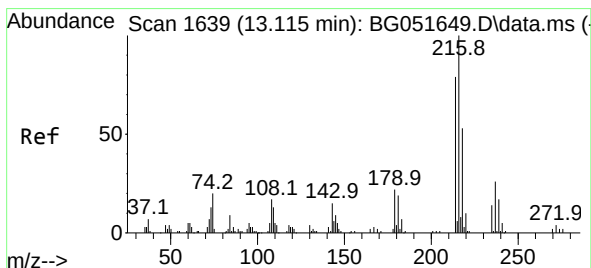
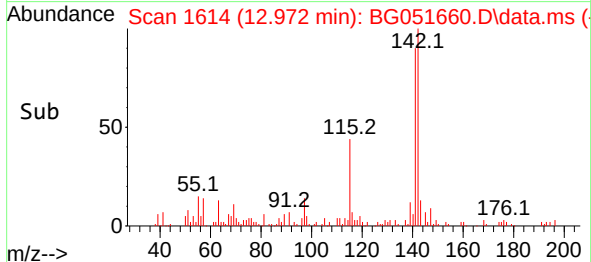
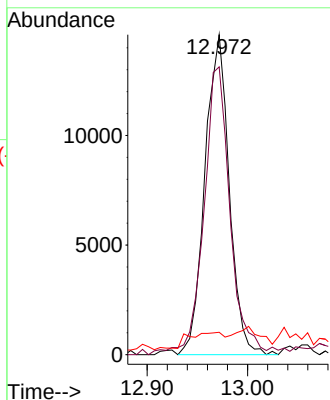
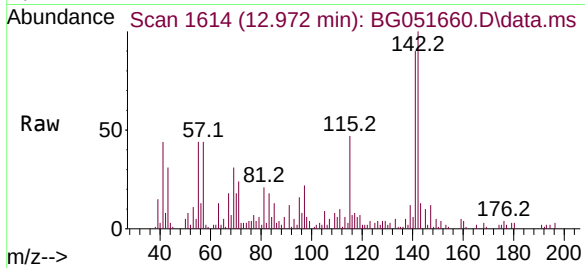
BGL70

Tgt Ion:142 Resp: 24618
 Ion Ratio Lower Upper
 142 100
 141 90.0 77.8 116.8
 116 7.0 3.3 4.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2021
 Supervised By :mohammad ahmed 12/24/2021



#39

1,2,4,5-Tetrachlorobenzene

Concen: 1.052 ng/ul

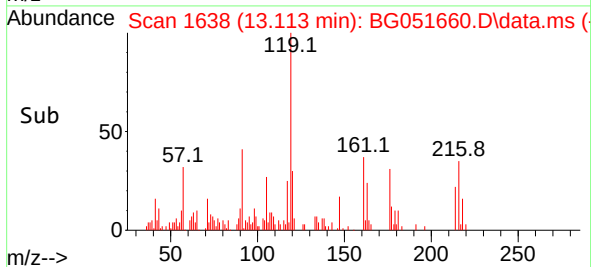
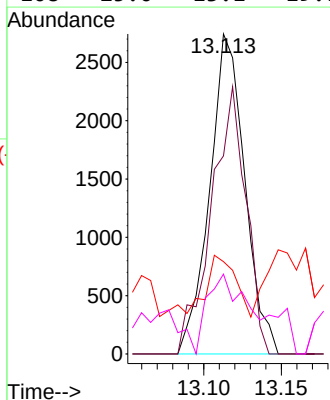
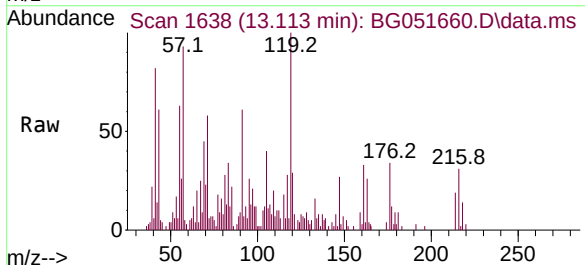
RT: 13.113 min Scan# 1638

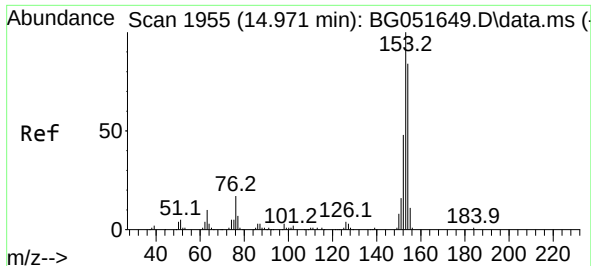
Delta R.T. -0.015 min

Lab File: BG051660.D

Acq: 19 Dec 2021 12:23

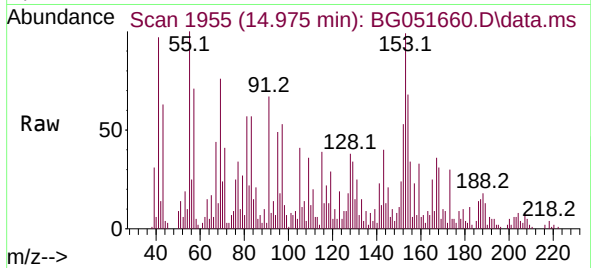
Tgt Ion:216 Resp: 4319
 Ion Ratio Lower Upper
 216 100
 214 61.9 61.0 91.4
 179 28.9 16.2 24.2#
 108 25.0 13.1 19.7#





#52
Acenaphthene
Concen: 2.777 ng/ul
RT: 14.975 min Scan# 1955
Delta R.T. -0.009 min
Lab File: BG051660.D
Acq: 19 Dec 2021 12:23

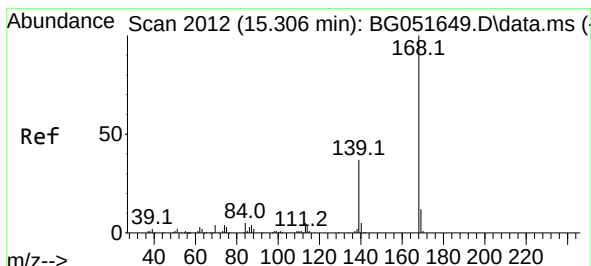
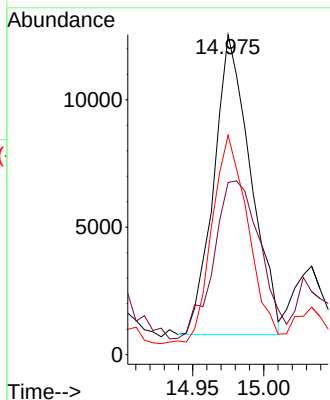
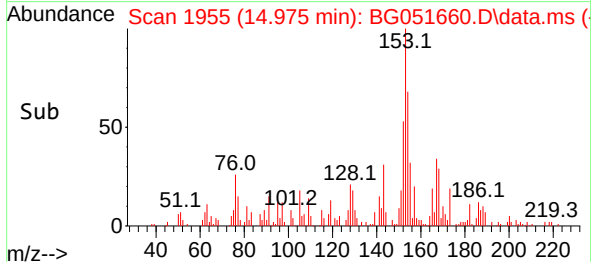
Instrument :
BNA_G
ClientSampleId :
BGL70



Tgt Ion:153 Resp: 21069
Ion Ratio Lower Upper
153 100
152 53.8 36.5 54.7
154 68.5 65.8 98.6

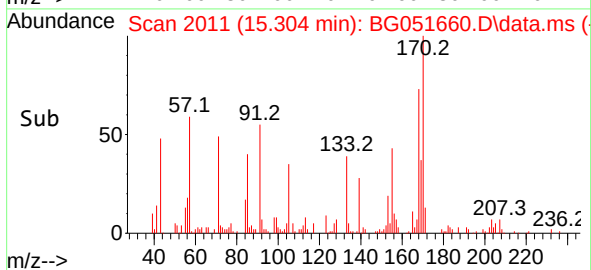
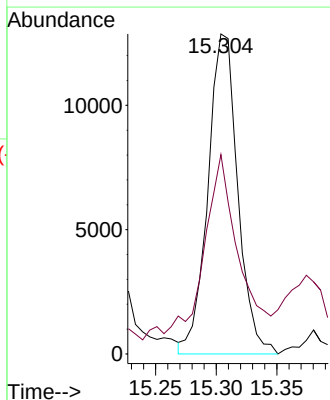
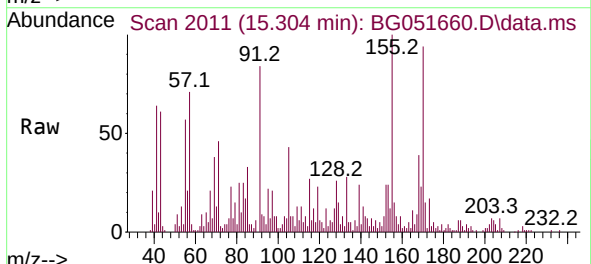
Manual Integrations
APPROVED

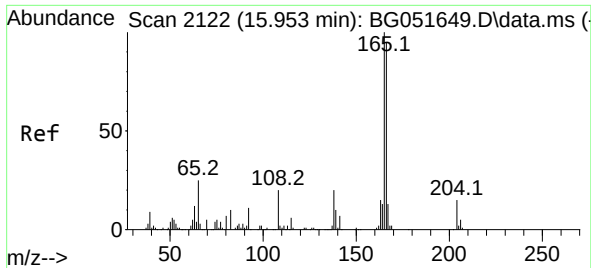
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



#56
Dibenzofuran
Concen: 1.975 ng/ul m
RT: 15.304 min Scan# 2011
Delta R.T. -0.015 min
Lab File: BG051660.D
Acq: 19 Dec 2021 12:23

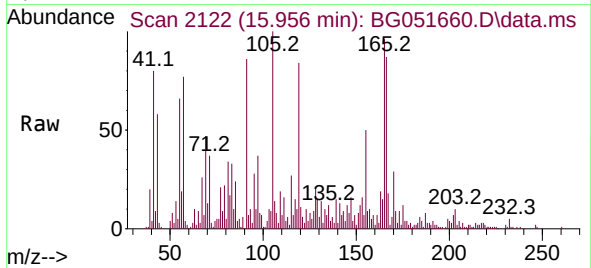
Tgt Ion:168 Resp: 22063
Ion Ratio Lower Upper
168 100
139 62.3 31.2 46.8#





#61
Fluorene
Concen: 5.860 ng/ul
RT: 15.956 min Scan# 2122
Delta R.T. -0.009 min
Lab File: BG051660.D
Acq: 19 Dec 2021 12:23

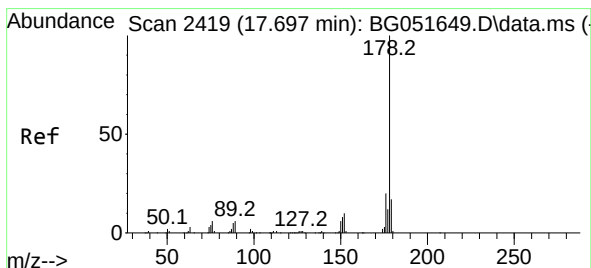
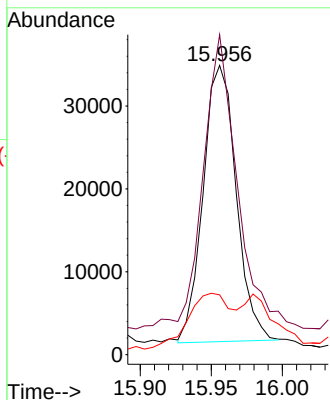
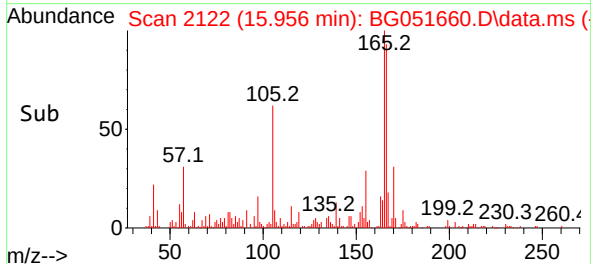
Instrument :
BNA_G
ClientSampleId :
BGL70



Tgt Ion:166 Resp: 5395
Ion Ratio Lower Upper
166 100
165 110.6 81.0 121.6
167 20.7 11.0 16.4

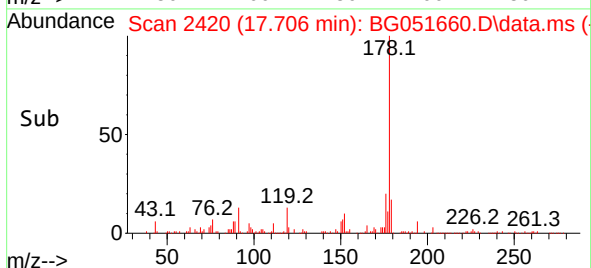
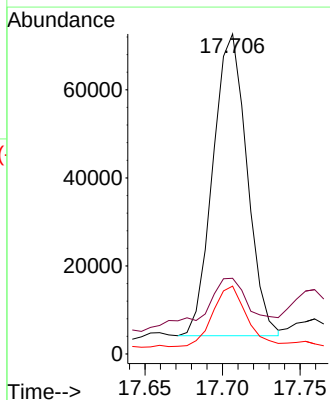
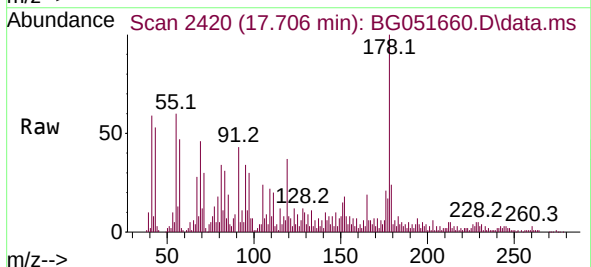
Manual Integrations
APPROVED

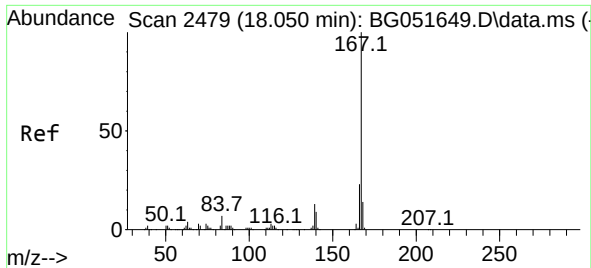
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



#72
Phenanthrene
Concen: 8.628 ng/ul
RT: 17.706 min Scan# 2420
Delta R.T. -0.003 min
Lab File: BG051660.D
Acq: 19 Dec 2021 12:23

Tgt Ion:178 Resp: 104772
Ion Ratio Lower Upper
178 100
179 23.7 12.3 18.5#
176 21.2 15.5 23.3





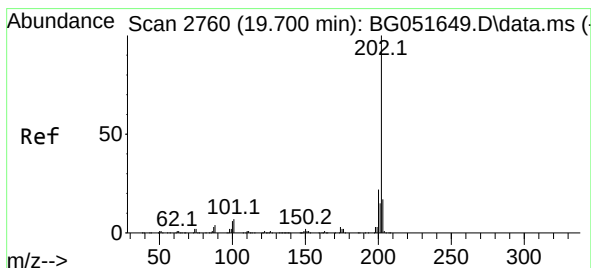
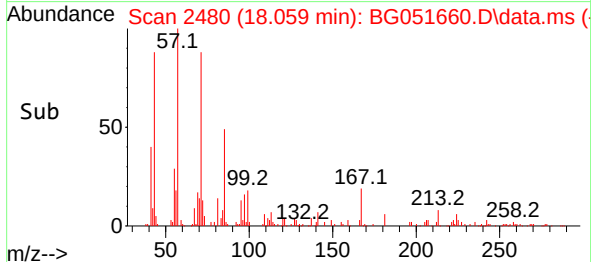
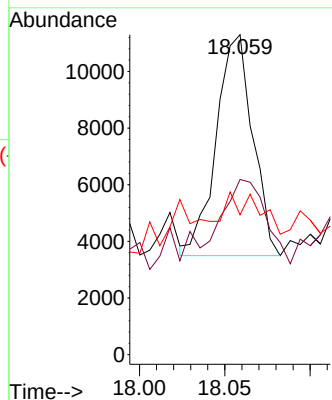
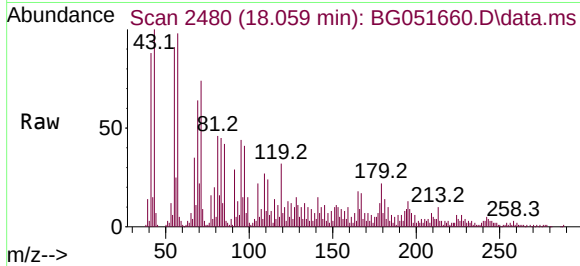
#77
 Carbazole
 Concen: 1.055 ng/ul
 RT: 18.059 min Scan# 2479
 Delta R.T. -0.003 min
 Lab File: BG051660.D
 Acq: 19 Dec 2021 12:23

Instrument :
 BNA_G
 ClientSampleId :
 BGL70

Tgt Ion:167 Resp: 1159
 Ion Ratio Lower Upper
 167 100
 166 54.7 17.3 25.9
 139 43.7 10.6 16.0

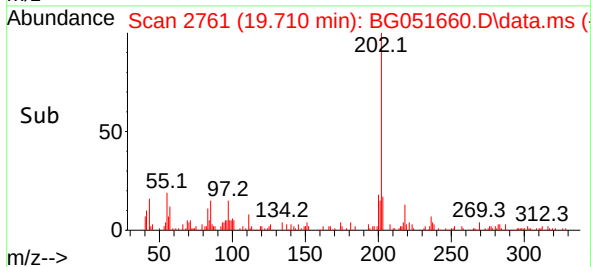
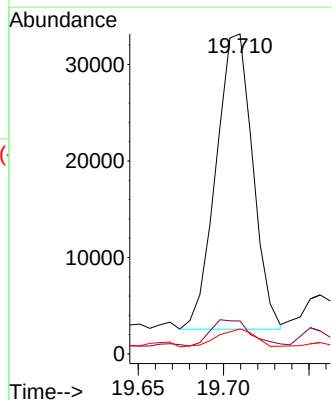
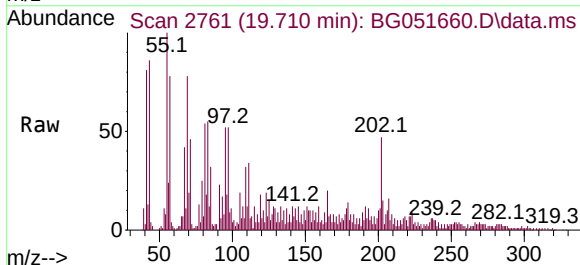
Manual Integrations
 APPROVED

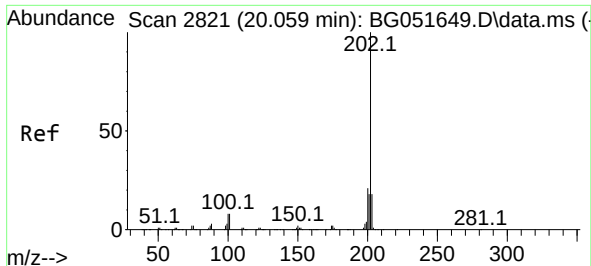
Reviewed By :Jagrut Upadhyay 12/20/2021
 Supervised By :mohammad ahmed 12/24/2021



#80
 Fluoranthene
 Concen: 2.706 ng/ul
 RT: 19.710 min Scan# 2761
 Delta R.T. 0.003 min
 Lab File: BG051660.D
 Acq: 19 Dec 2021 12:23

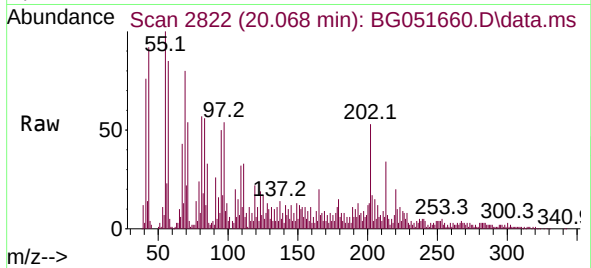
Tgt Ion:202 Resp: 45723
 Ion Ratio Lower Upper
 202 100
 101 10.3 9.3 13.9
 100 7.8 7.0 10.6





#82
Pyrene
Concen: 3.479 ng/ul
RT: 20.068 min Scan# 2821
Delta R.T. 0.003 min
Lab File: BG051660.D
Acq: 19 Dec 2021 12:23

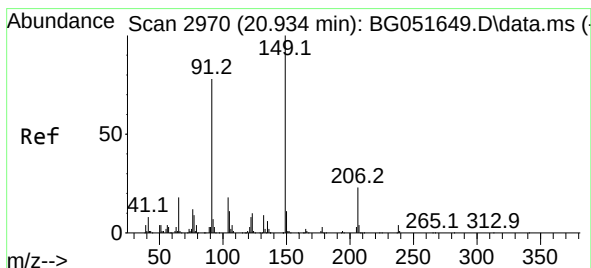
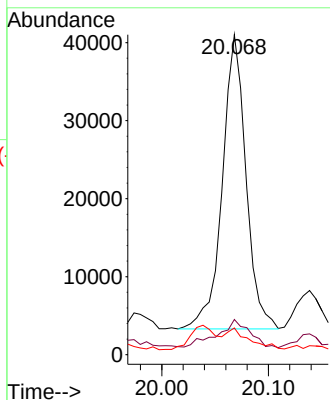
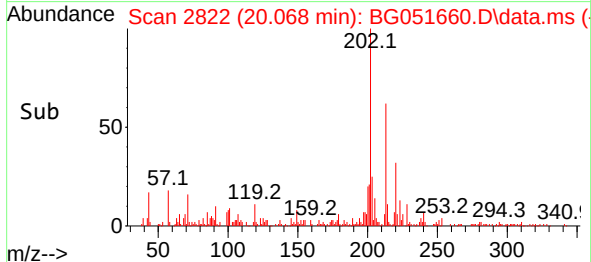
Instrument :
BNA_G
ClientSampleId :
BGL70



Tgt Ion:202 Resp: 58180
Ion Ratio Lower Upper
202 100
101 11.0 10.7 16.1
100 8.3 9.0 13.6

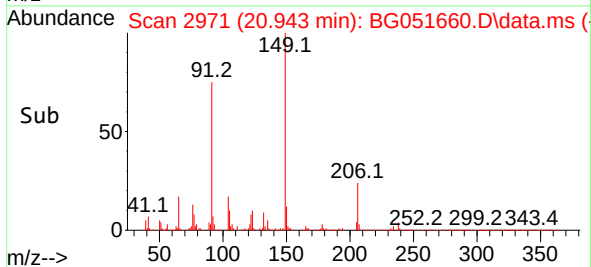
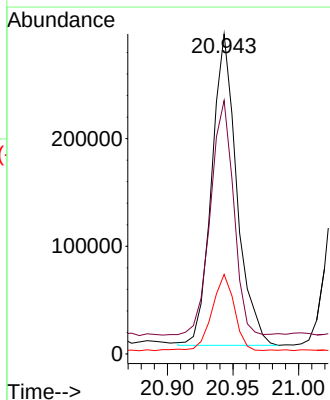
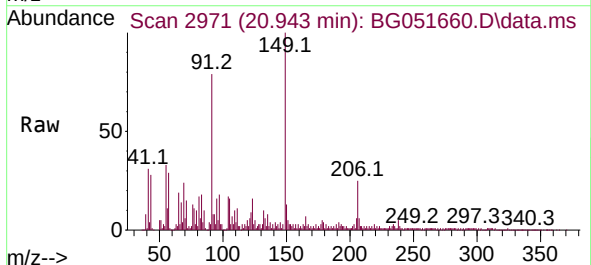
Manual Integrations
APPROVED

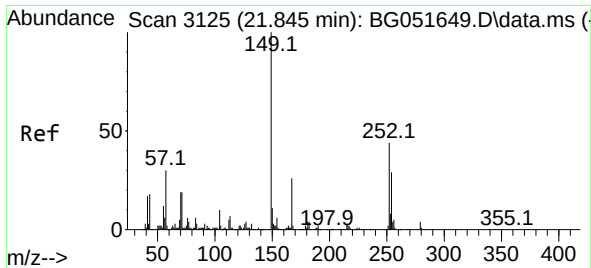
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



#83
Butylbenzylphthalate
Concen: 68.686 ng/ul
RT: 20.943 min Scan# 2971
Delta R.T. -0.003 min
Lab File: BG051660.D
Acq: 19 Dec 2021 12:23

Tgt Ion:149 Resp: 385187
Ion Ratio Lower Upper
149 100
91 79.2 65.2 97.8
206 24.9 16.2 24.2#





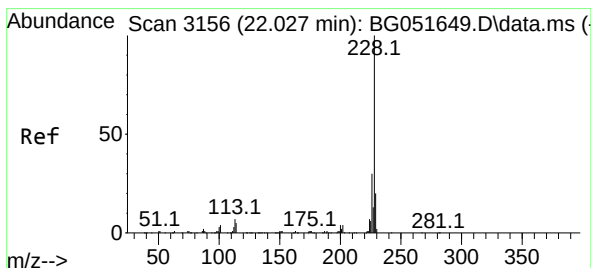
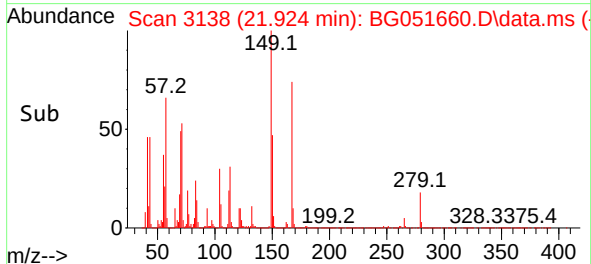
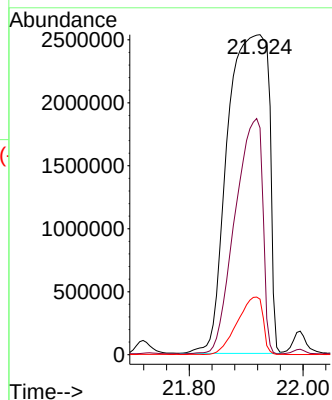
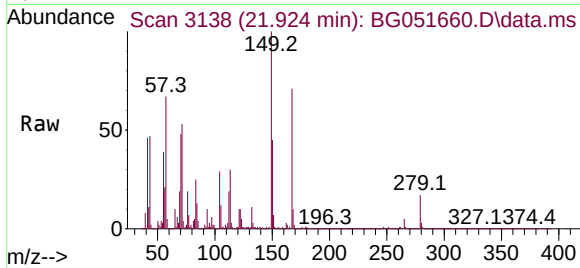
#86
Bis(2-ethylhexyl)phthalate
Concen: 1623.568 ng/ul m
RT: 21.924 min Scan# 3118
Delta R.T. 0.056 min
Lab File: BG051660.D
Acq: 19 Dec 2021 12:23

Instrument :
BNA_G
ClientSampleId :
BGL70

Tgt Ion:149 Resp:1275361
Ion Ratio Lower Upper
149 100
167 70.9 21.1 31.7
279 17.4 2.7 4.1

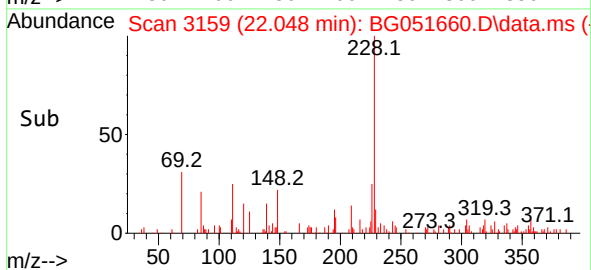
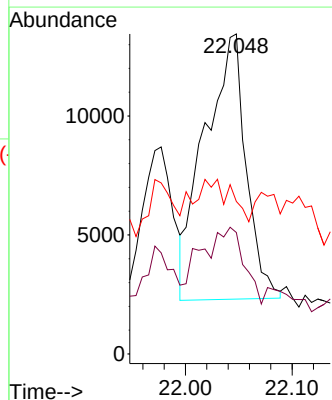
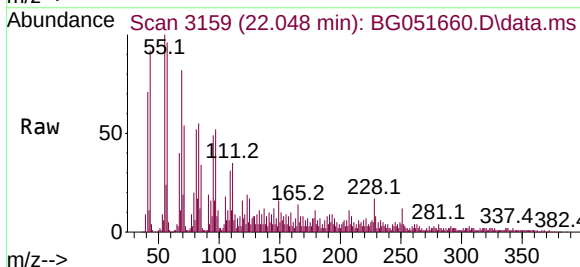
Manual Integrations
APPROVED

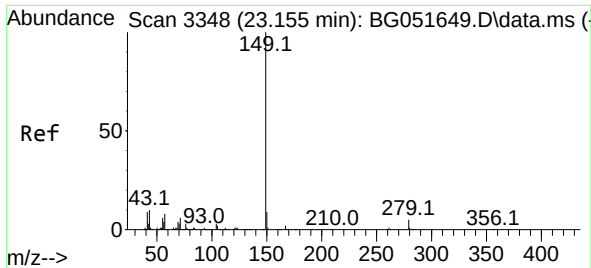
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



#87
Chrysene
Concen: 1.957 ng/ul
RT: 22.048 min Scan# 3159
Delta R.T. 0.009 min
Lab File: BG051660.D
Acq: 19 Dec 2021 12:23

Tgt Ion:228 Resp: 30091
Ion Ratio Lower Upper
228 100
226 38.0 24.8 37.2#
229 47.6 15.8 23.6#





#89
Di-n-octyl phthalate
Concen: 736.882 ng/ul
RT: 23.234 min Scan# 31
Delta R.T. 0.050 min
Lab File: BG051660.D
Acq: 19 Dec 2021 12:23

Instrument :
BNA_G
ClientSampleId :
BGL70

Tgt Ion:149 Resp:10059370

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021

