

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
 Data File : BG051987.D
 Acq On : 14 Jan 2022 22:23
 Operator : CG/JU
 Sample : N1100-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLS6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2022
 Supervised By :mohammad ahmed 01/18/2022

Quant Time: Jan 17 00:20:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 14:43:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.251	152	25326	20.000	ng/ul	0.00
20) Naphthalene-d8	11.094	136	104569	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.901	164	73355	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.662	188	146708	20.000	ng/ul	# 0.02
79) Chrysene-d12	21.979	240	142928	20.000	ng/ul	0.02
88) Perylene-d12	25.492	264	146548	20.000	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.569	96	1691m	2.386	ng/uL	0.00
4) Pyridine-d5	4.004	84	13458	6.108	ng/ul	0.00
7) Phenol-d5	7.387	99	48487	19.561	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.552	67	56161	35.691	ng/ul	0.00
11) 2-Chlorophenol-d4	7.775	132	34760	21.180	ng/ul	0.00
15) 4-Methylphenol-d8	8.950	113	60342	31.316	ng/ul	0.00
21) Nitrobenzene-d5	9.420	128	19267	23.318	ng/ul	0.00
24) 2-Nitrophenol-d4	10.154	143	19326	21.148	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.701	165	37566	21.031	ng/ul	0.00
31) 4-Chloroaniline-d4	11.206	131	141873	57.033	ng/ul	0.00
46) Dimethylphthalate-d6	14.284	166	119396	19.691	ng/ul	0.00
49) Acenaphthylene-d8	14.595	160	162333	22.164	ng/ul	0.00
54) 4-Nitrophenol-d4	15.077	143	11936	11.774	ng/ul	0.00
60) Fluorene-d10	15.894	176	111949	21.176	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.999	200	7445	8.044	ng/ul	0.02
73) Anthracene-d10	17.762	188	174082	25.014	ng/ul	0.02
81) Pyrene-d10	20.041	212	201976	24.554	ng/ul	0.03
92) Benzo(a)pyrene-d12	25.251	264	182618	23.671	ng/ul	0.06
Target Compounds						
					Qvalue	
26) 2,4-Dimethylphenol	10.301	107	23966m	10.998	ng/ul	
30) Naphthalene	11.141	128	125249	22.104	ng/ul#	89
36) 2-Methylnaphthalene	12.739	142	79600	19.721	ng/ul	94
37) 1-Methylnaphthalene	12.956	142	187474	45.258	ng/ul#	97
43) 1,1'-Biphenyl	13.732	154	175404	30.974	ng/ul#	96
52) Acenaphthene	14.965	153	271126	56.539	ng/ul	94
56) Dibenzofuran	15.300	168	300252	43.111	ng/ul	91
61) Fluorene	15.952	166	176060	30.336	ng/ul#	96
72) Phenanthrene	17.703	178	376714	49.005	ng/ul#	92
74) Anthracene	17.797	178	54590	7.094	ng/ul#	72
80) Fluoranthene	19.706	202	78381	8.246	ng/ul#	94
82) Pyrene	20.070	202	85799	9.167	ng/ul#	95
83) Butylbenzylphthalate	20.928	149	21457	6.588	ng/ul#	37
85) Benzo(a)anthracene	21.962	228	22024	2.343	ng/ul#	72
86) Bis(2-ethylhexyl)phtha...	21.927	149	14200112m	2981.090	ng/ul	
87) Chrysene	22.032	228	19027	2.102	ng/ul#	66
89) Di-n-octyl phthalate	23.154	149	1069327	132.092	ng/ul	100
90) Benzo(b)fluoranthene	24.364	252	11753	1.210	ng/ul#	1

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

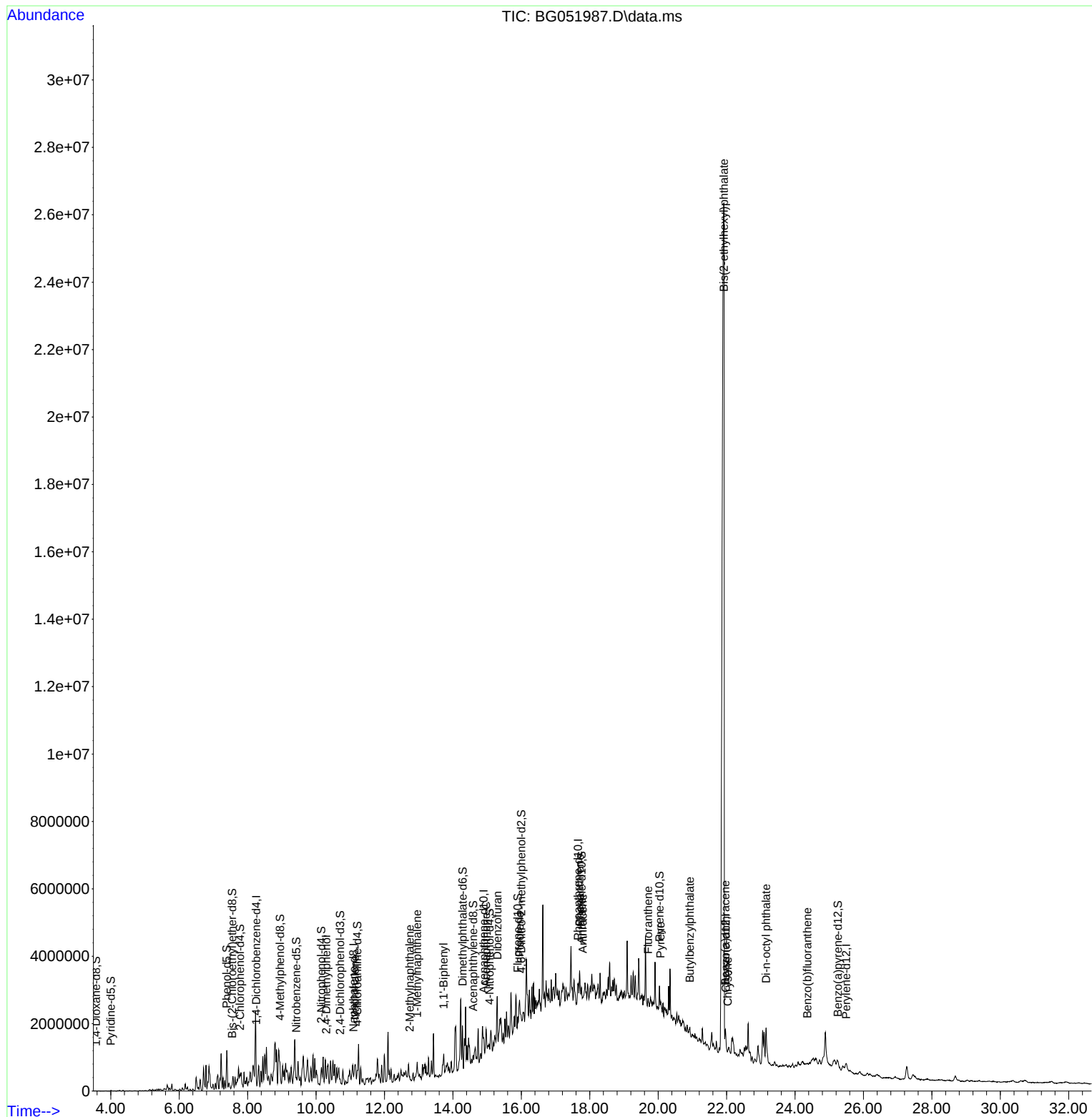
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
 Data File : BG051987.D
 Acq On : 14 Jan 2022 22:23
 Operator : CG/JU
 Sample : N1100-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

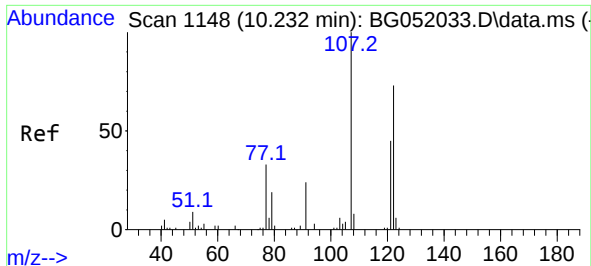
Instrument :
 BNA_G
 ClientSampleId :
 BGLS6

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2022
 Supervised By :mohammad ahmed 01/18/2022

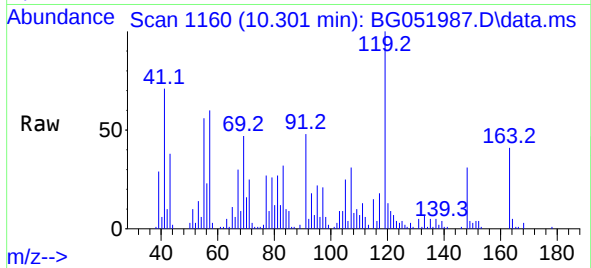
Quant Time: Jan 17 00:20:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 14:43:02 2022
 Response via : Initial Calibration





#26
2,4-Dimethylphenol
Concen: 10.998 ng/ul m
RT: 10.301 min Scan# 1148
Delta R.T. 0.069 min
Lab File: BG051987.D
Acq: 14 Jan 2022 22:23

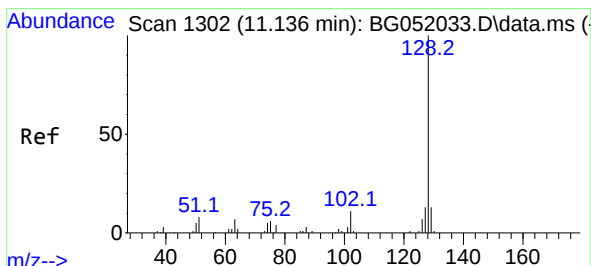
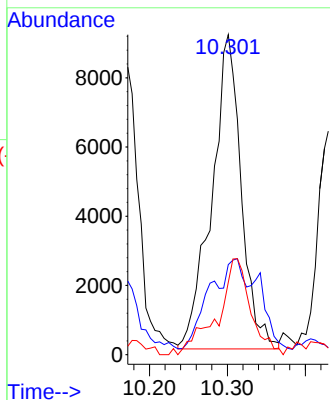
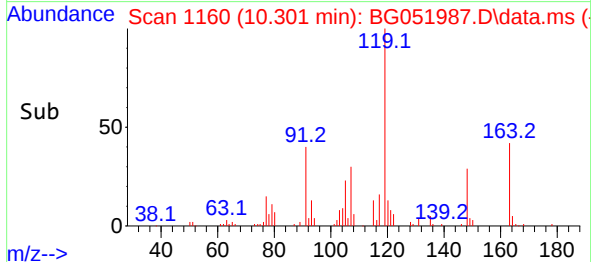
Instrument :
BNA_G
ClientSampleId :
BGLS6



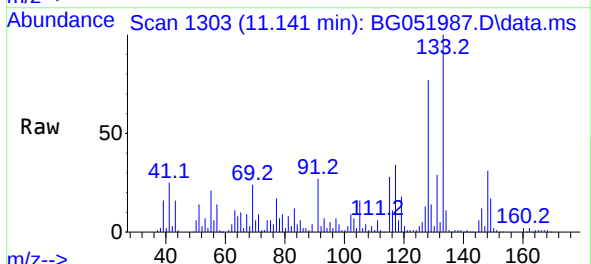
Tgt Ion:107 Resp: 23960
Ion Ratio Lower Upper
107 100
121 28.2 39.3 58.9
122 22.6 63.7 95.5

Manual Integrations
APPROVED

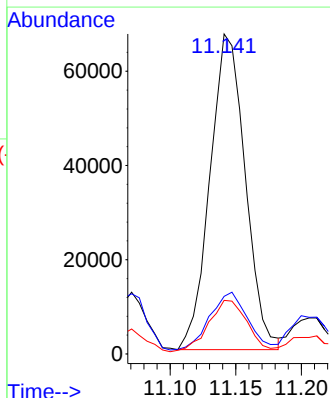
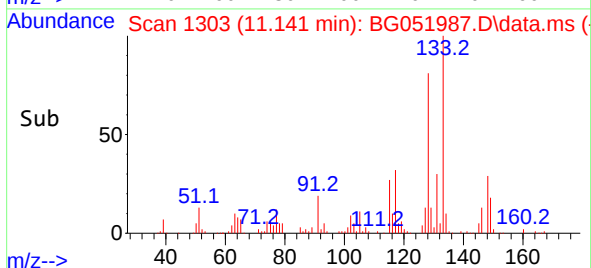
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022

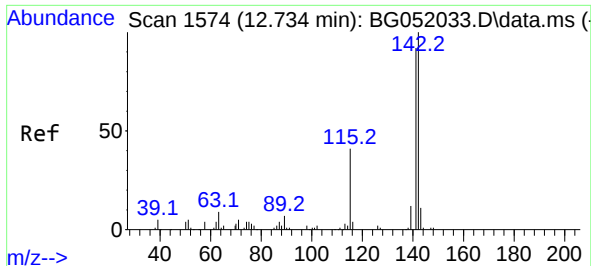


#30
Naphthalene
Concen: 22.104 ng/ul
RT: 11.141 min Scan# 1303
Delta R.T. -0.002 min
Lab File: BG051987.D
Acq: 14 Jan 2022 22:23



Tgt Ion:128 Resp: 125249
Ion Ratio Lower Upper
128 100
129 18.0 8.5 12.7#
127 16.7 11.8 17.6





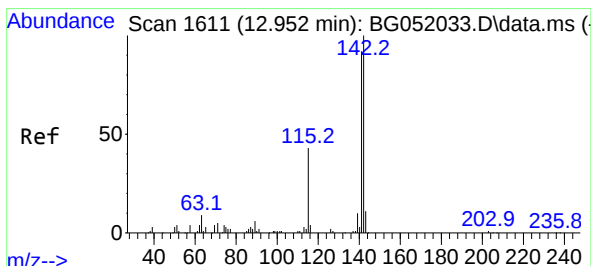
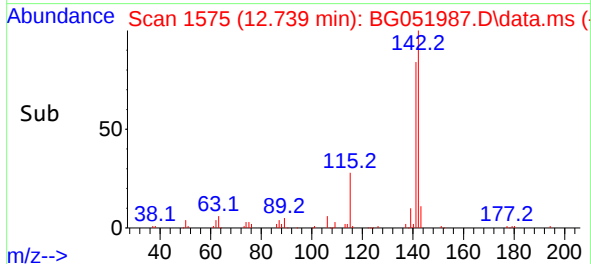
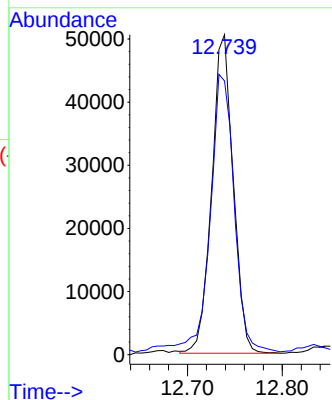
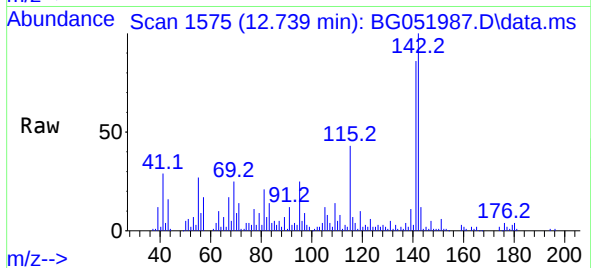
#36
2-Methylnaphthalene
Concen: 19.721 ng/ul
RT: 12.739 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG051987.D
Acq: 14 Jan 2022 22:23

Instrument :
BNA_G
ClientSampleId :
BGLS6

Tgt Ion:142 Resp: 79600
Ion Ratio Lower Upper
142 100
141 85.5 73.3 109.9

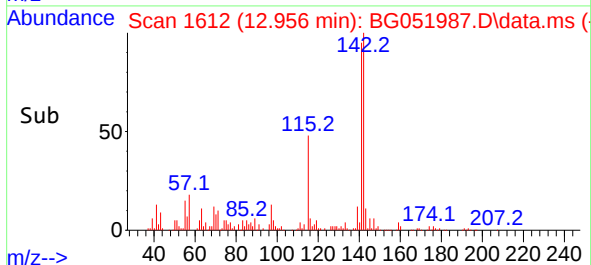
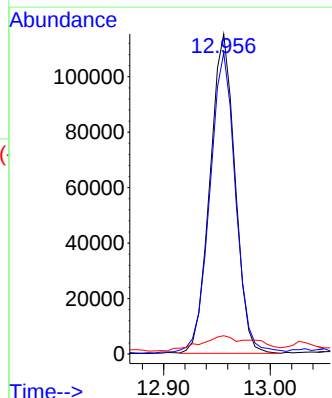
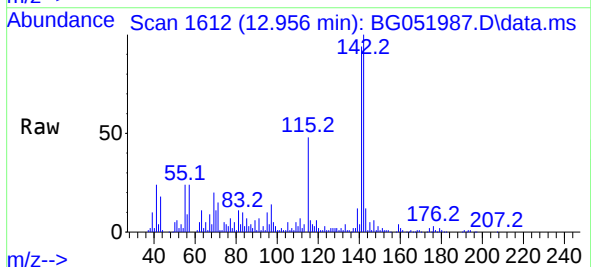
Manual Integrations
APPROVED

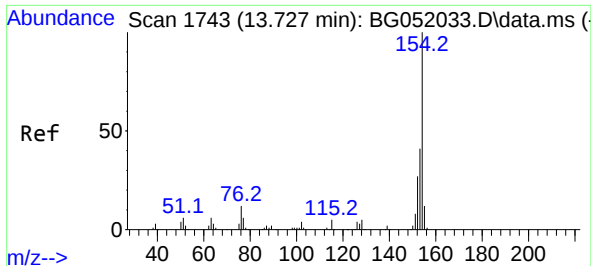
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022



#37
1-Methylnaphthalene
Concen: 45.258 ng/ul
RT: 12.956 min Scan# 1612
Delta R.T. 0.004 min
Lab File: BG051987.D
Acq: 14 Jan 2022 22:23

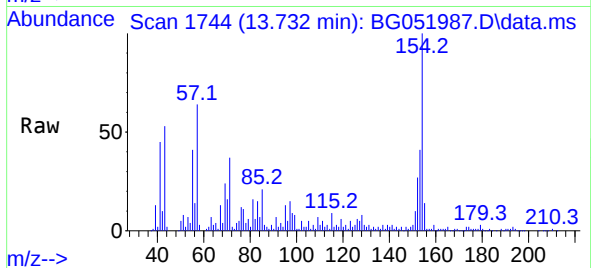
Tgt Ion:142 Resp: 187474
Ion Ratio Lower Upper
142 100
141 94.1 77.8 116.8
116 5.7 3.3 4.9#





#43
1,1'-Biphenyl
Concen: 30.974 ng/u1
RT: 13.732 min Scan# 1744
Delta R.T. 0.004 min
Lab File: BG051987.D
Acq: 14 Jan 2022 22:23

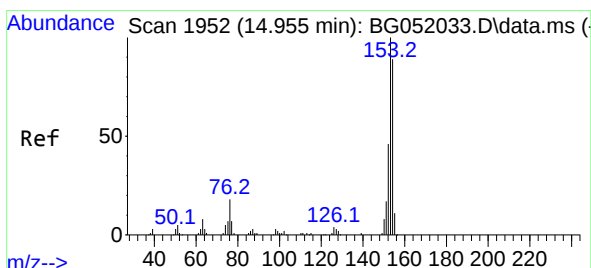
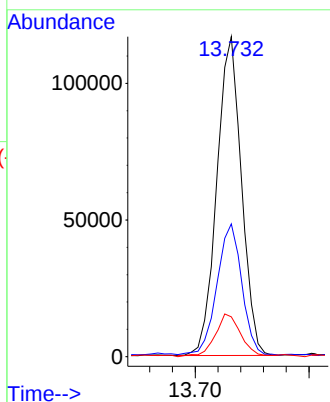
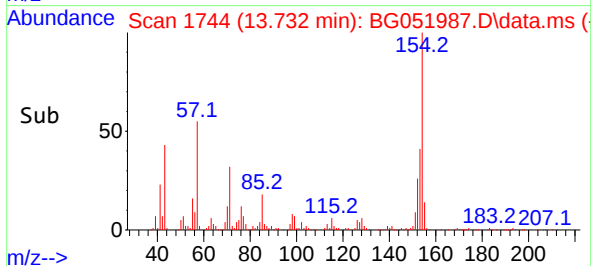
Instrument :
BNA_G
ClientSampleId :
BGLS6



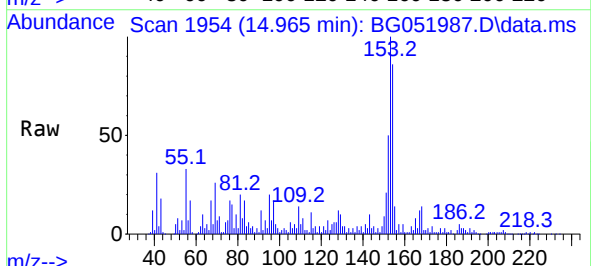
Tgt Ion:154 Resp: 175404
Ion Ratio Lower Upper
154 100
153 41.5 34.5 51.7
76 12.4 13.1 19.7

Manual Integrations
APPROVED

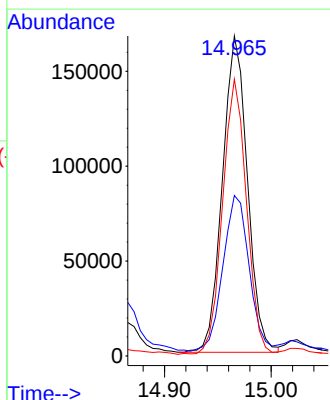
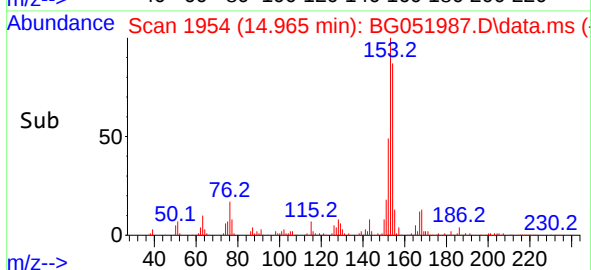
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022

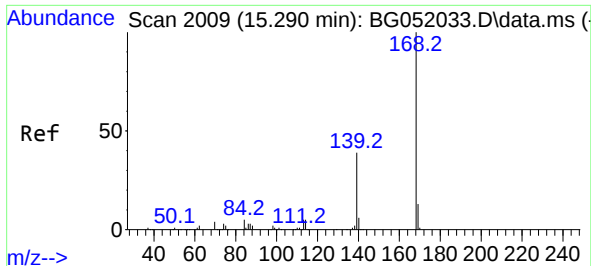


#52
Acenaphthene
Concen: 56.539 ng/u1
RT: 14.965 min Scan# 1954
Delta R.T. 0.010 min
Lab File: BG051987.D
Acq: 14 Jan 2022 22:23



Tgt Ion:153 Resp: 271126
Ion Ratio Lower Upper
153 100
152 50.2 36.5 54.7
154 86.5 65.8 98.6





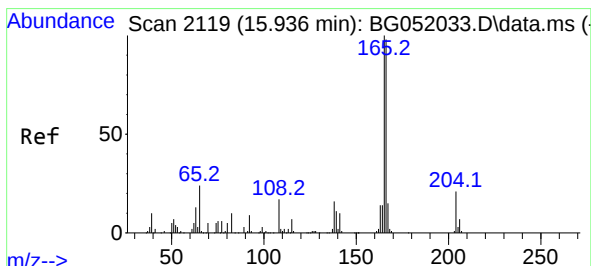
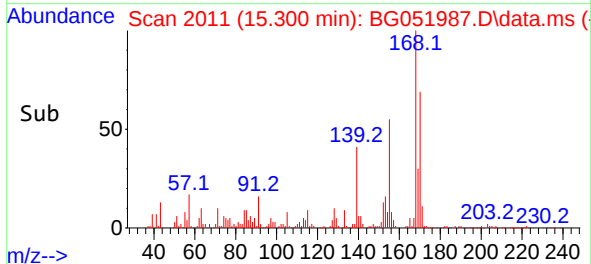
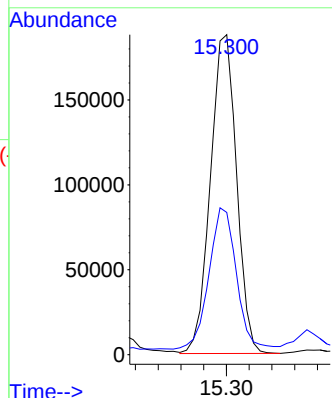
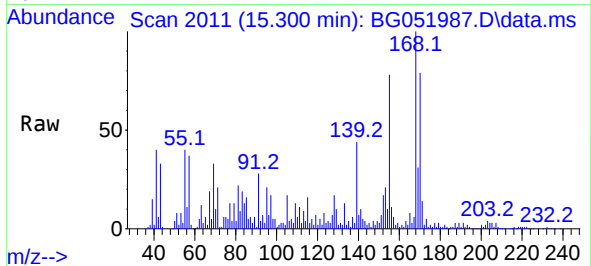
#56
Dibenzofuran
Concen: 43.111 ng/uI
RT: 15.300 min Scan# 2009
Delta R.T. 0.016 min
Lab File: BG051987.D
Acq: 14 Jan 2022 22:23

Instrument :
BNA_G
ClientSampleId :
BGLS6

Tgt Ion:168 Resp: 30025
Ion Ratio Lower Upper
168 100
139 44.4 31.2 46.8

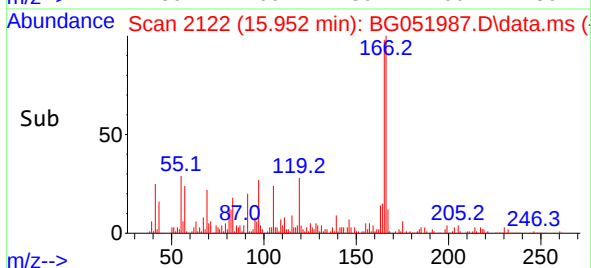
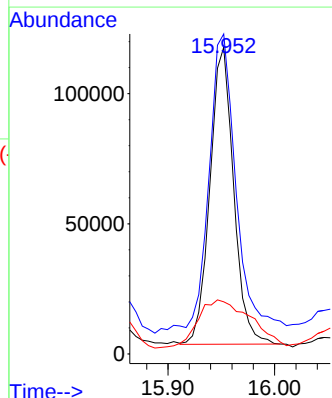
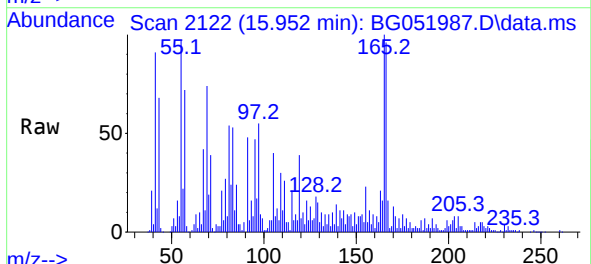
Manual Integrations
APPROVED

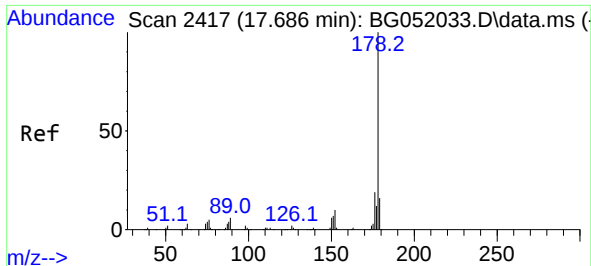
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022



#61
Fluorene
Concen: 30.336 ng/uI
RT: 15.952 min Scan# 2122
Delta R.T. 0.016 min
Lab File: BG051987.D
Acq: 14 Jan 2022 22:23

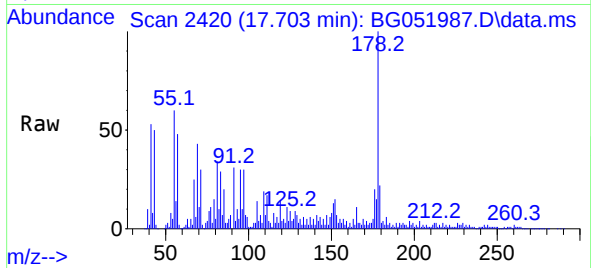
Tgt Ion:166 Resp: 176060
Ion Ratio Lower Upper
166 100
165 104.3 81.0 121.6
167 17.0 11.0 16.4#





#72
Phenanthrene
Concen: 49.005 ng/u1
RT: 17.703 min Scan# 2417
Delta R.T. 0.022 min
Lab File: BG051987.D
Acq: 14 Jan 2022 22:23

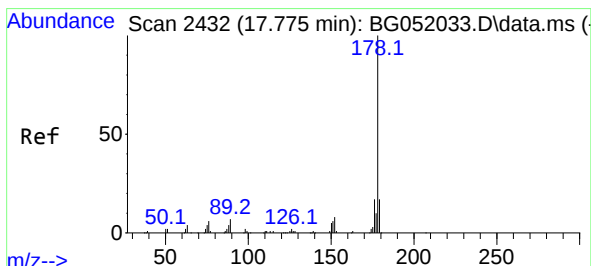
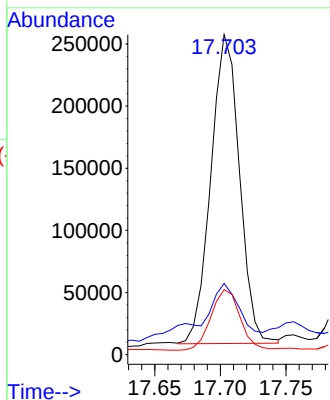
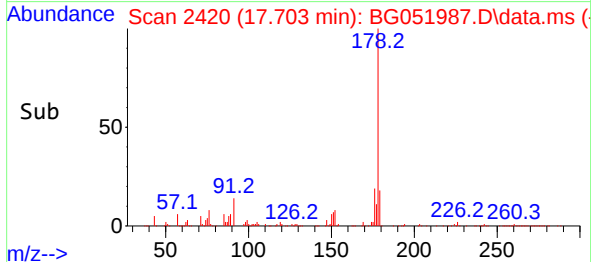
Instrument :
BNA_G
ClientSampleId :
BGLS6



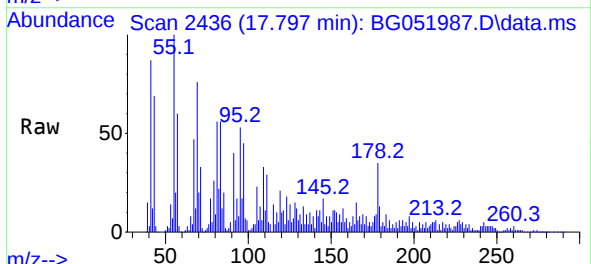
Tgt Ion:178 Resp: 376714
Ion Ratio Lower Upper
178 100
179 22.2 12.3 18.5
176 20.3 15.5 23.3

Manual Integrations
APPROVED

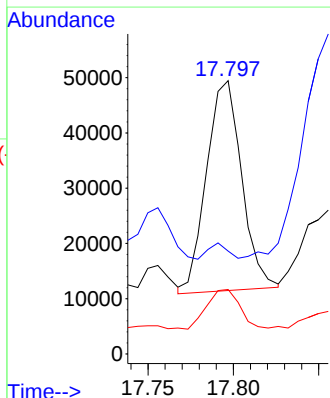
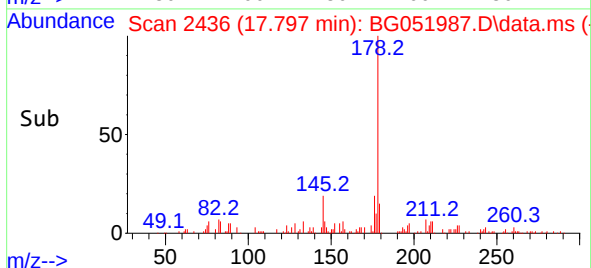
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022

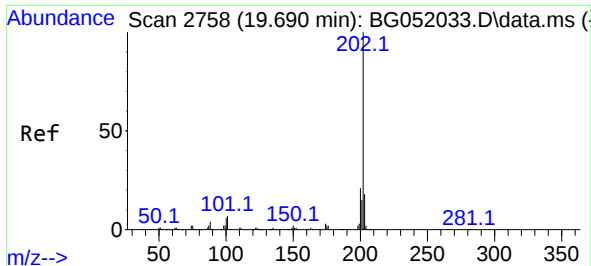


#74
Anthracene
Concen: 7.094 ng/u1
RT: 17.797 min Scan# 2436
Delta R.T. 0.022 min
Lab File: BG051987.D
Acq: 14 Jan 2022 22:23



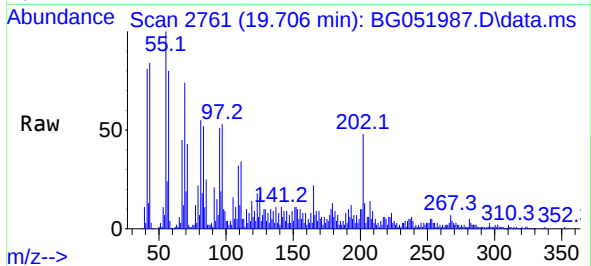
Tgt Ion:178 Resp: 54590
Ion Ratio Lower Upper
178 100
179 37.7 13.0 19.6#
176 23.6 15.6 23.4#





#80
Fluoranthene
Concen: 8.246 ng/u1
RT: 19.706 min Scan# 21
Delta R.T. 0.028 min
Lab File: BG051987.D
Acq: 14 Jan 2022 22:23

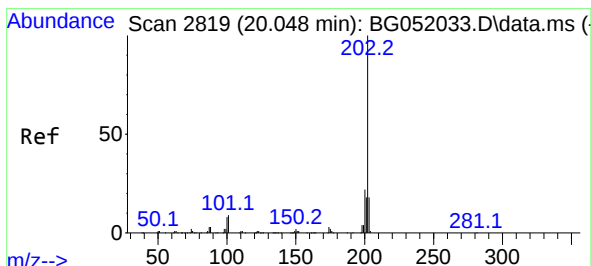
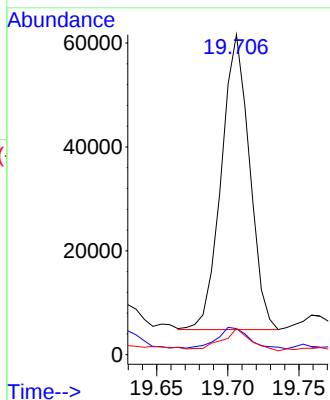
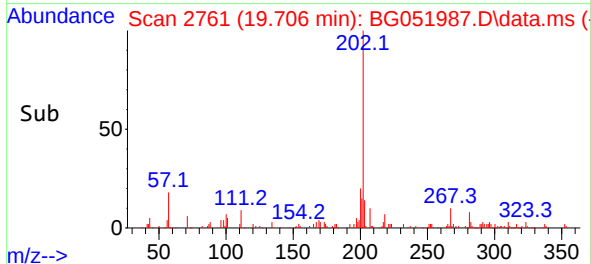
Instrument :
BNA_G
ClientSampleId :
BGLS6



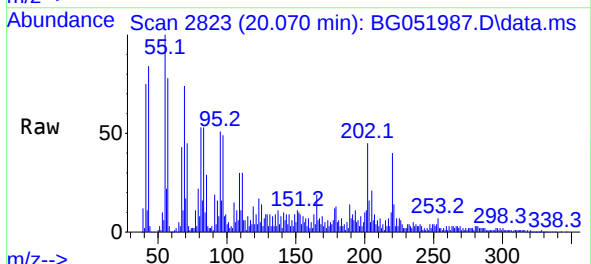
Tgt Ion:202 Resp: 7838
Ion Ratio Lower Upper
202 100
101 8.1 9.3 13.9
100 8.2 7.0 10.6

Manual Integrations
APPROVED

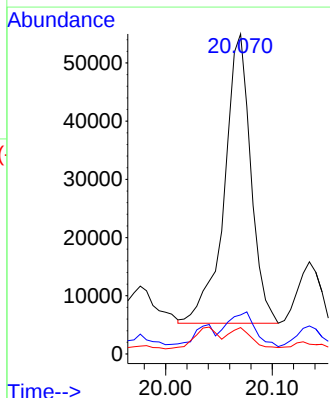
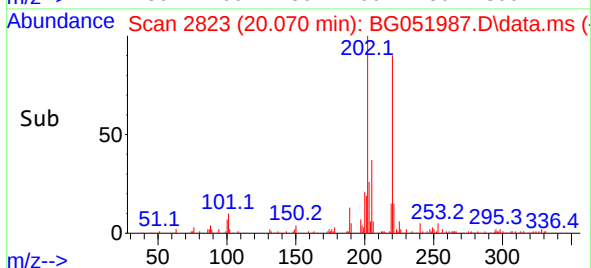
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022

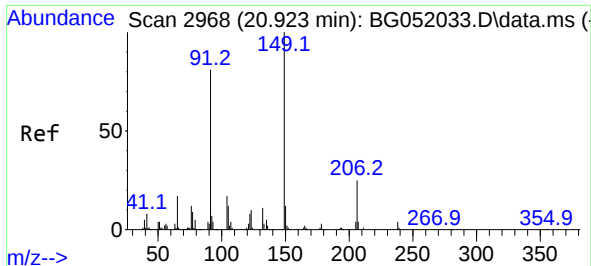


#82
Pyrene
Concen: 9.167 ng/u1
RT: 20.070 min Scan# 2823
Delta R.T. 0.028 min
Lab File: BG051987.D
Acq: 14 Jan 2022 22:23



Tgt Ion:202 Resp: 85799
Ion Ratio Lower Upper
202 100
101 12.2 10.7 16.1
100 8.2 9.0 13.6#





#83
Butylbenzylphthalate
Concen: 6.588 ng/ul
RT: 20.928 min Scan# 2968
Delta R.T. 0.016 min
Lab File: BG051987.D
Acq: 14 Jan 2022 22:23

Instrument :

BNA_G

ClientSampleId :

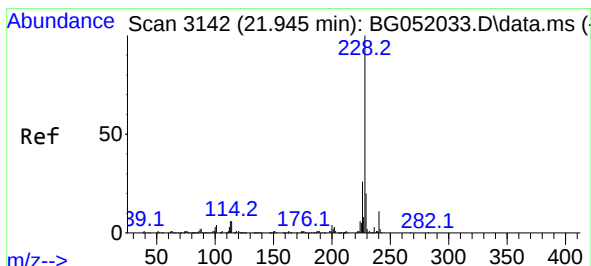
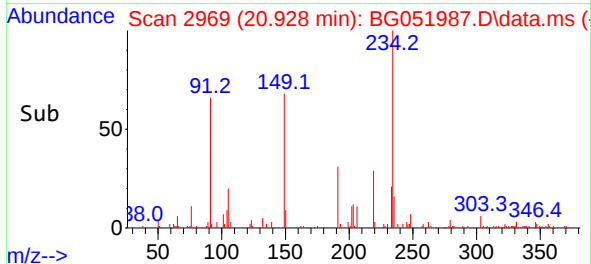
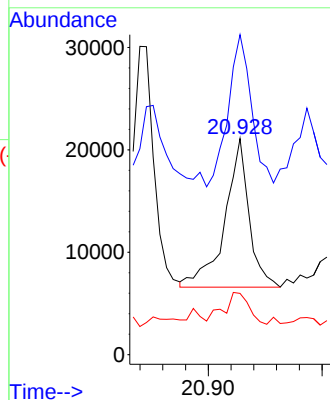
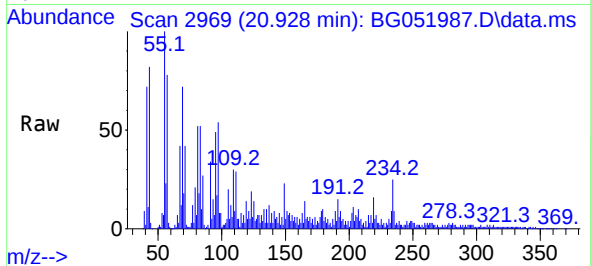
BGLS6

Tgt Ion:149 Resp: 2145
Ion Ratio Lower Upper
149 100
91 148.0 65.2 97.8
206 28.4 16.2 24.2

Manual Integrations

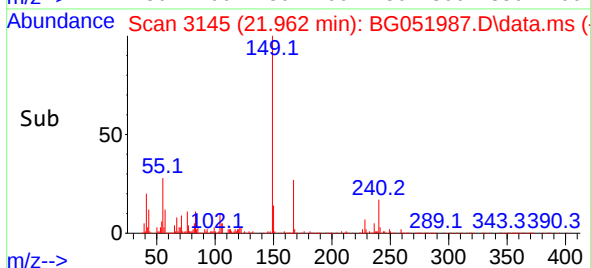
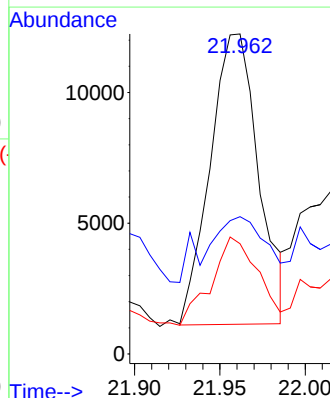
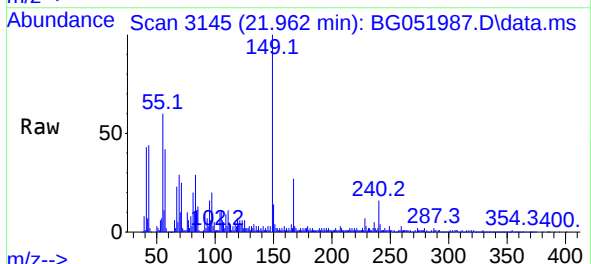
APPROVED

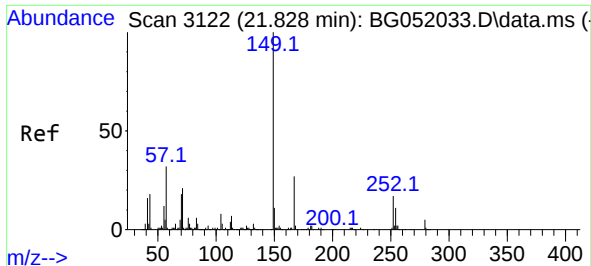
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022



#85
Benzo(a)anthracene
Concen: 2.343 ng/ul
RT: 21.962 min Scan# 3145
Delta R.T. 0.028 min
Lab File: BG051987.D
Acq: 14 Jan 2022 22:23

Tgt Ion:228 Resp: 22024
Ion Ratio Lower Upper
228 100
229 42.9 15.7 23.5#
226 34.5 22.3 33.5#





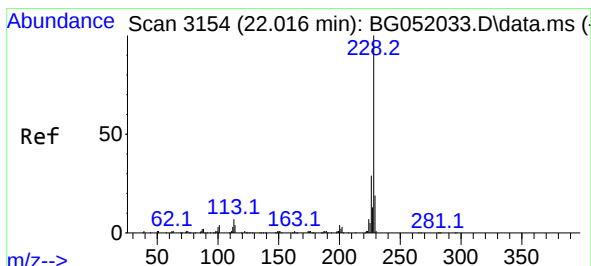
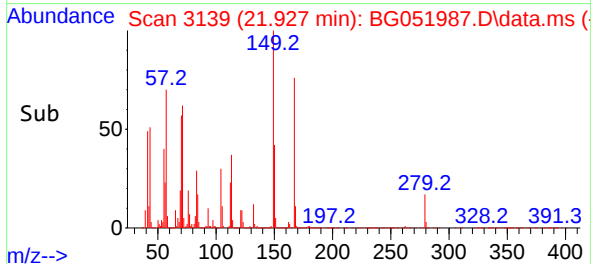
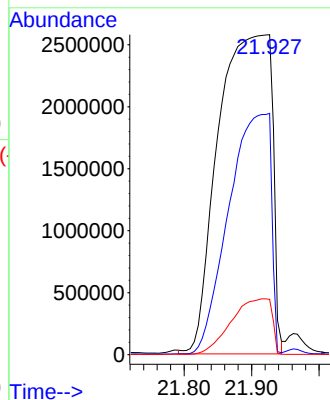
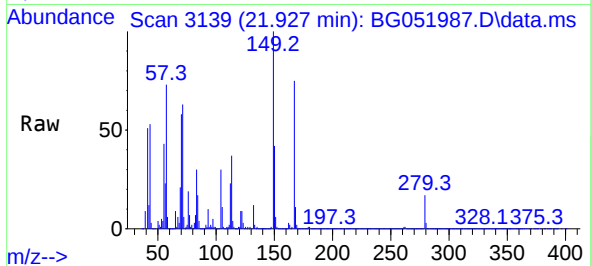
#86
Bis(2-ethylhexyl)phthalate
Concen: 2981.090 ng/ul m
RT: 21.927 min Scan# 3119
Delta R.T. 0.110 min
Lab File: BG051987.D
Acq: 14 Jan 2022 22:23

Instrument :
BNA_G
ClientSampleId :
BGLS6

Tgt Ion:149 Resp:1420011
Ion Ratio Lower Upper
149 100
167 75.4 21.1 31.7
279 17.3 2.7 4.1

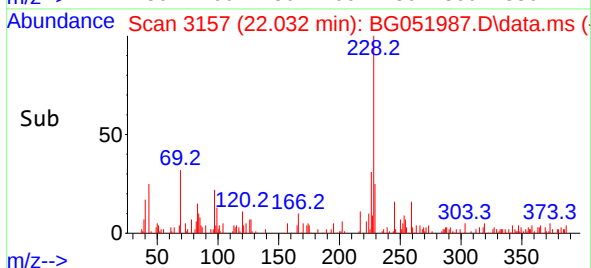
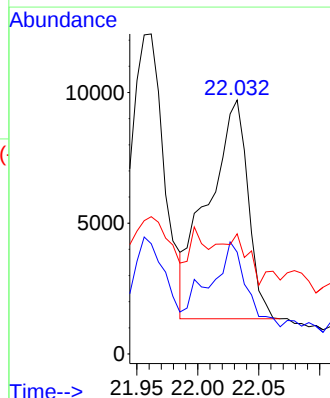
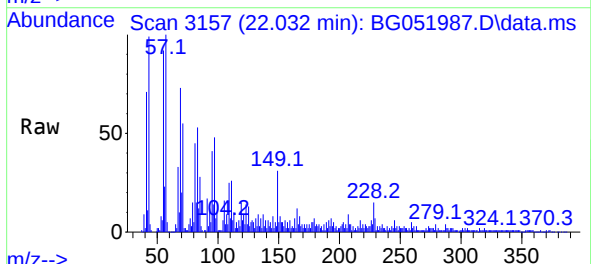
Manual Integrations
APPROVED

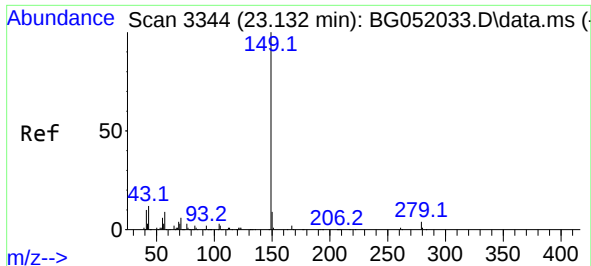
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022



#87
Chrysene
Concen: 2.102 ng/ul
RT: 22.032 min Scan# 3157
Delta R.T. 0.028 min
Lab File: BG051987.D
Acq: 14 Jan 2022 22:23

Tgt Ion:228 Resp: 19027
Ion Ratio Lower Upper
228 100
226 40.1 24.8 37.2#
229 47.3 15.8 23.6#





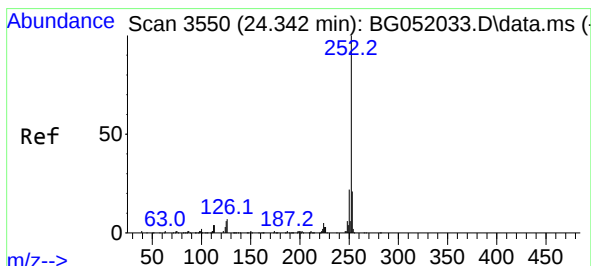
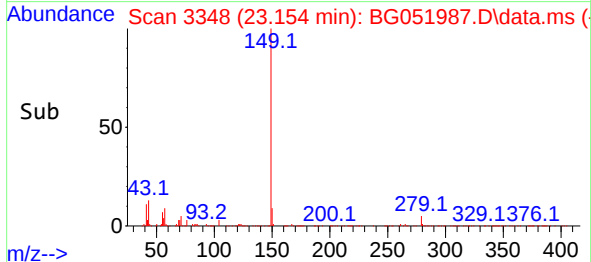
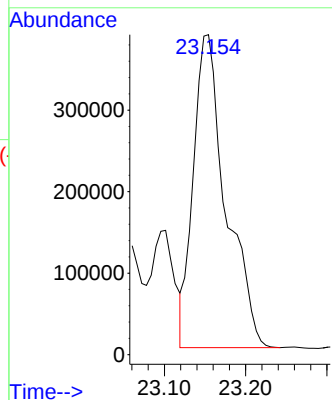
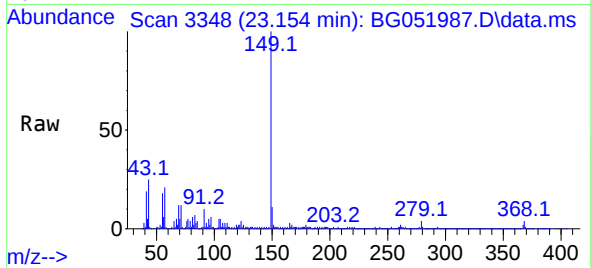
#89
Di-n-octyl phthalate
Concen: 132.092 ng/ul
RT: 23.154 min Scan# 31
Delta R.T. 0.033 min
Lab File: BG051987.D
Acq: 14 Jan 2022 22:23

Instrument :
BNA_G
ClientSampleId :
BGLS6

Tgt Ion:149 Resp: 106932

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022



#90
Benzo(b)fluoranthene
Concen: 1.210 ng/ul
RT: 24.364 min Scan# 3554
Delta R.T. 0.039 min
Lab File: BG051987.D
Acq: 14 Jan 2022 22:23

Tgt Ion:252 Resp: 11753
Ion Ratio Lower Upper
252 100
253 49.4 17.8 26.6#
125 128.2 8.5 12.7#

