

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
 Data File : BG051689.D
 Acq On : 20 Dec 2021 20:09
 Operator : CG/JU
 Sample : M5171-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLB0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/21/2021
 Supervised By :mohammad ahmed 12/28/2021

Quant Time: Dec 20 23:12:09 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	8.275	152	28833	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.107	136	111924	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.908	164	73645	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.663	188	142457	20.000	ng/ul	0.00
79) Chrysene-d12	21.980	240	138640	20.000	ng/ul	# 0.00
88) Perylene-d12	25.482	264	146002	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.599	96	2596	3.739	ng/uL	0.00
4) Pyridine-d5	4.028	84	30515	14.547	ng/ul	-0.02
7) Phenol-d5	7.406	99	56732	22.037	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.576	67	37309	24.378	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.794	132	40856	22.818	ng/ul	-0.02
15) 4-Methylphenol-d8	8.963	113	46125	23.179	ng/ul	-0.02
21) Nitrobenzene-d5	9.439	128	21020	25.616	ng/ul	-0.02
24) 2-Nitrophenol-d4	10.173	143	24410	27.212	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.719	165	44266	22.756	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.230	131	64549	25.203	ng/ul	-0.01
46) Dimethylphthalate-d6	14.297	166	128940	21.875	ng/ul	-0.02
49) Acenaphthylene-d8	14.602	160	162646	22.217	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.066	143	17684	18.448	ng/ul	-0.01
60) Fluorene-d10	15.900	176	108669	20.577	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.000	200	12046	16.230	ng/ul	-0.01
73) Anthracene-d10	17.757	188	166464	24.496	ng/ul	0.00
81) Pyrene-d10	20.036	212	186291	22.326	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.241	264	176702	23.002	ng/ul	-0.01
Target Compounds					Qvalue	
8) Phenol	7.435	94	3569	1.394	ng/ul#	84
30) Naphthalene	11.160	128	393048	65.183	ng/ul	99
32) 4-Chloroaniline	11.254	127	42204	16.137	ng/ul	97
36) 2-Methylnaphthalene	12.752	142	70459	16.379	ng/ul	98
37) 1-Methylnaphthalene	12.969	142	128149	28.690	ng/ul#	96
43) 1,1'-Biphenyl	13.744	154	27094	4.803	ng/ul	92
52) Acenaphthene	14.972	153	35065	7.410	ng/ul	95
56) Dibenzofuran	15.307	168	34749	4.987	ng/ul#	78
61) Fluorene	15.953	166	29486	5.135	ng/ul#	86
67) N-Nitrosodiphenylamine	16.153	169	65202m	17.017	ng/ul	
72) Phenanthrene	17.704	178	77964	10.640	ng/ul#	85
74) Anthracene	17.792	178	7526	1.017	ng/ul#	17
80) Fluoranthene	19.701	202	25917	2.706	ng/ul#	93
82) Pyrene	20.065	202	28758m	3.034	ng/ul	
83) Butylbenzylphthalate	20.935	149	28849	9.076	ng/ul#	79
86) Bis(2-ethylhexyl)phtha...	21.886	149	7127278	1600.737	ng/ul#	35
87) Chrysene	22.027	228	10670m	1.224	ng/ul	
89) Di-n-octyl phthalate	23.167	149	1190089	151.335	ng/ul	100

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

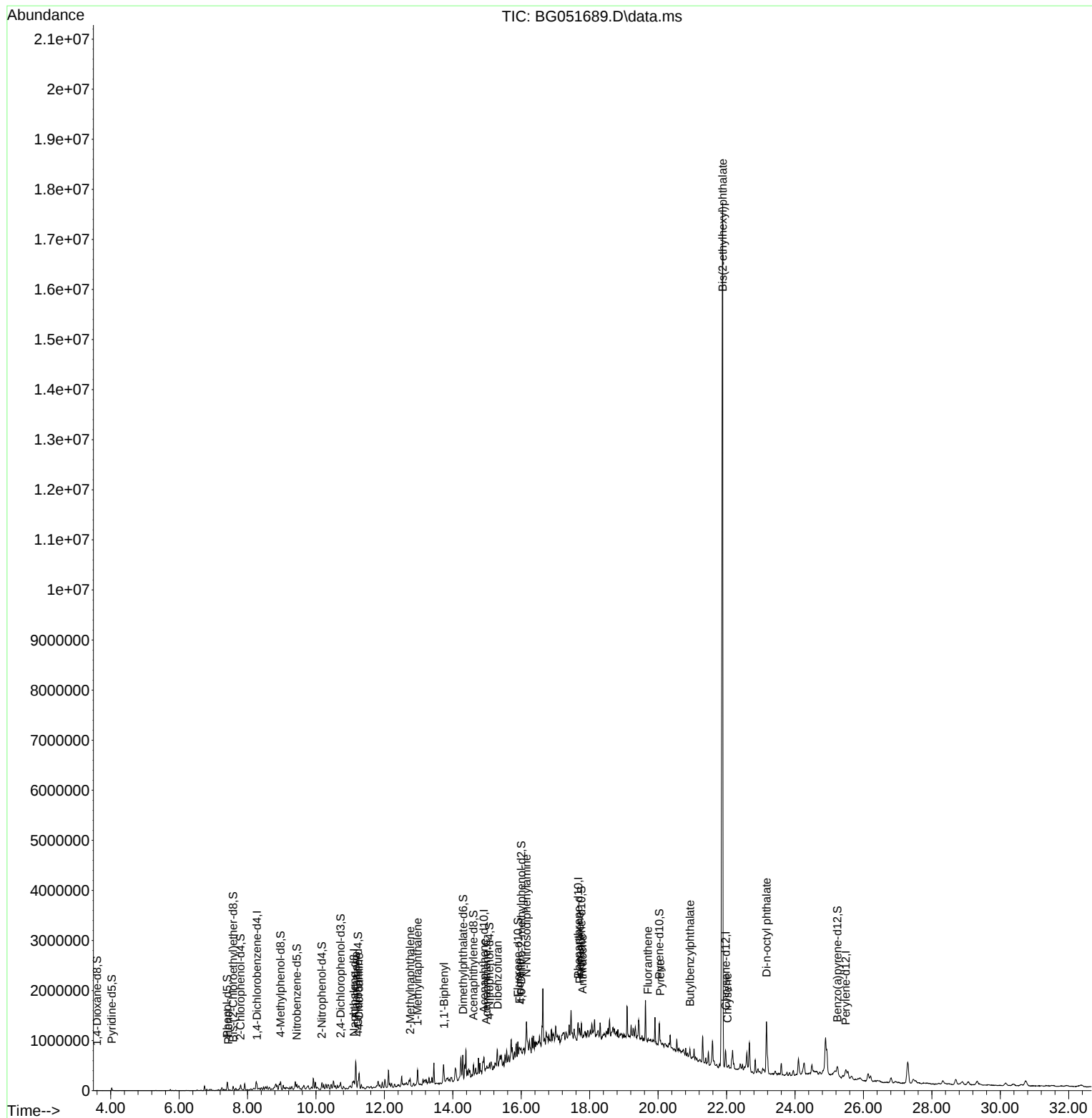
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051689.D
Acq On : 20 Dec 2021 20:09
Operator : CG/JU
Sample : M5171-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

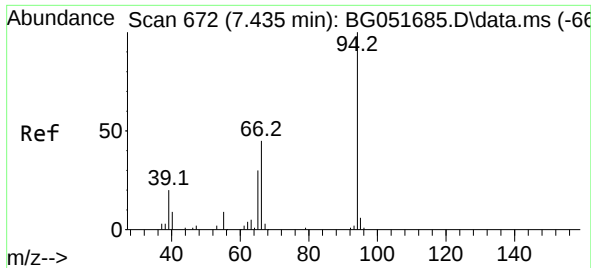
Instrument :
BNA_G
ClientSampleId :
BGLB0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021

Quant Time: Dec 20 23:12:09 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





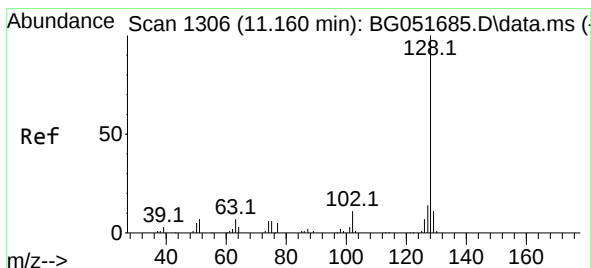
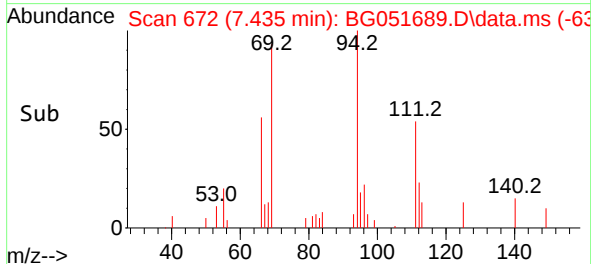
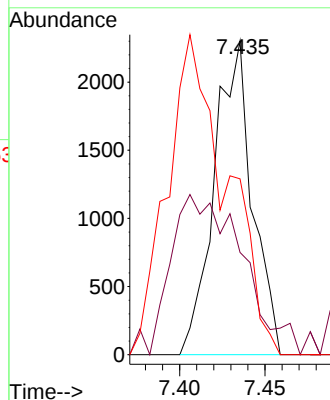
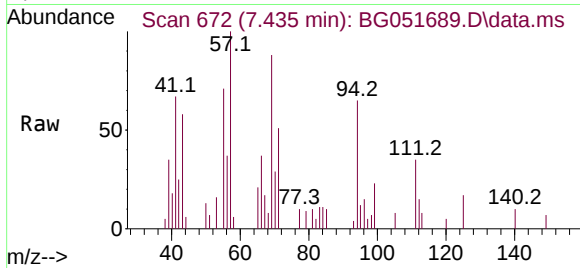
#8
Phenol
Concen: 1.394 ng/ul
RT: 7.435 min Scan# 672
Delta R.T. -0.005 min
Lab File: BG051689.D
Acq: 20 Dec 2021 20:09

Instrument :
BNA_G
ClientSampleId :
BGLB0

Tgt Ion: 94 Resp: 3569
Ion Ratio Lower Upper
94 100
65 32.6 25.1 37.7
66 56.1 31.6 47.4

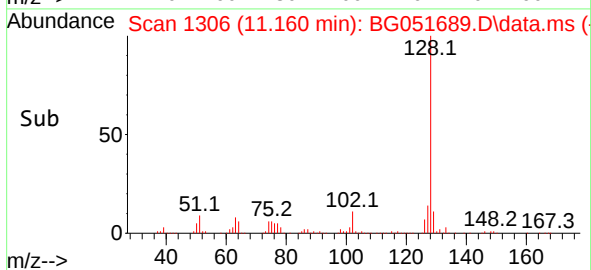
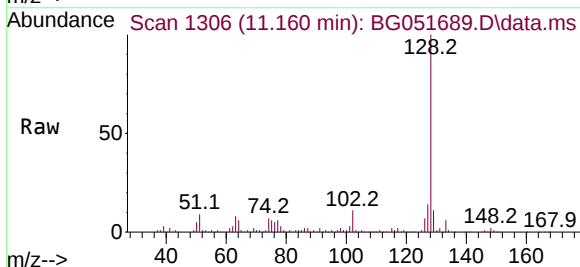
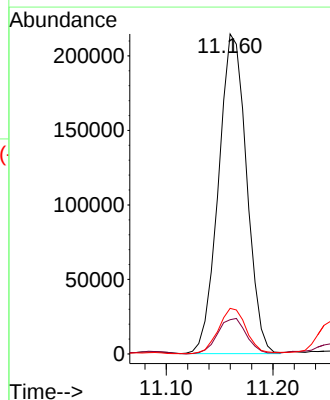
Manual Integrations
APPROVED

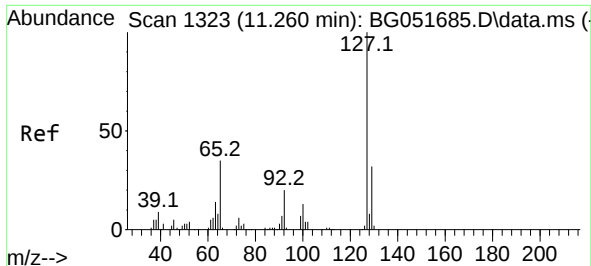
Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021



#30
Naphthalene
Concen: 65.183 ng/ul
RT: 11.160 min Scan# 1306
Delta R.T. -0.017 min
Lab File: BG051689.D
Acq: 20 Dec 2021 20:09

Tgt Ion:128 Resp: 393048
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 14.2 11.8 17.6





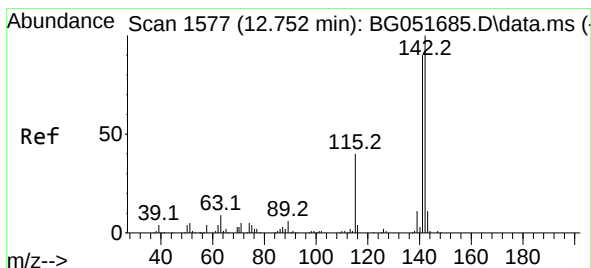
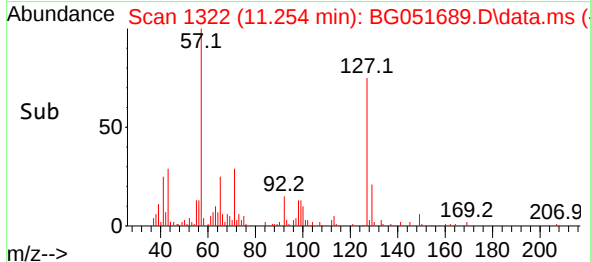
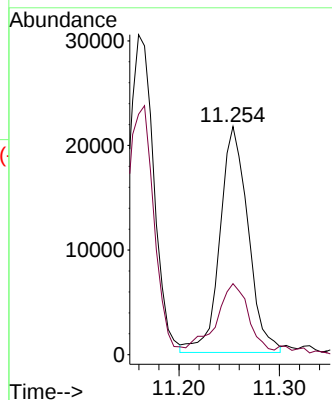
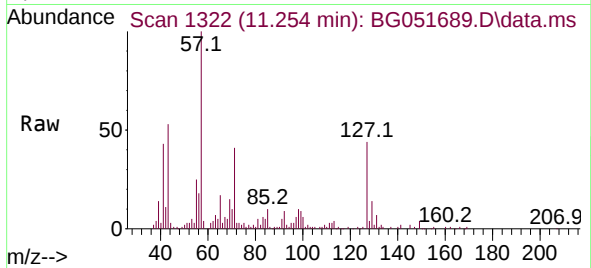
#32
4-Chloroaniline
Concen: 16.137 ng/ul
RT: 11.254 min Scan# 1127
Delta R.T. -0.017 min
Lab File: BG051689.D
Acq: 20 Dec 2021 20:09

Instrument :
BNA_G
ClientSampleId :
BGLB0

Tgt Ion:127 Resp: 42204
Ion Ratio Lower Upper
127 100
129 31.1 26.2 39.2

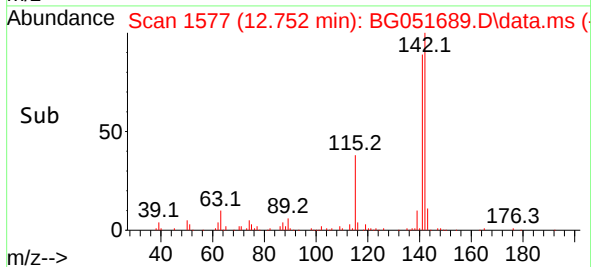
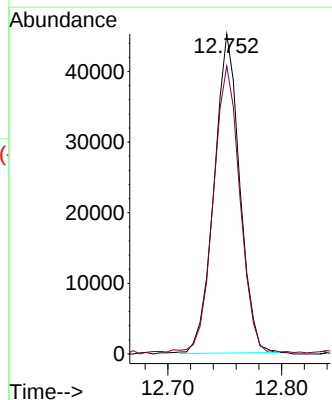
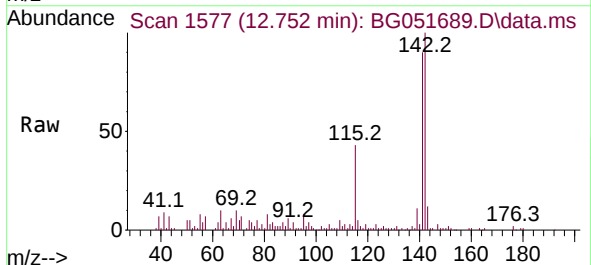
Manual Integrations
APPROVED

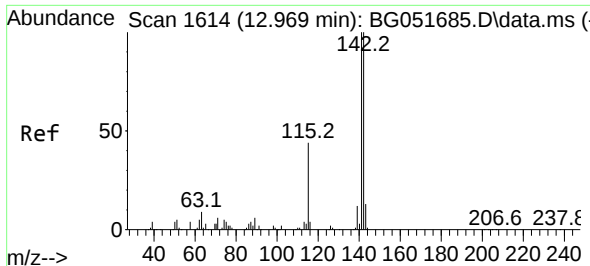
Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021



#36
2-Methylnaphthalene
Concen: 16.379 ng/ul
RT: 12.752 min Scan# 1577
Delta R.T. -0.017 min
Lab File: BG051689.D
Acq: 20 Dec 2021 20:09

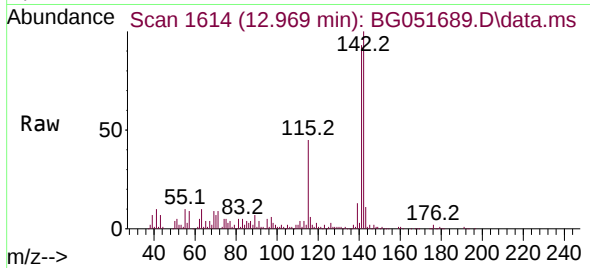
Tgt Ion:142 Resp: 70459
Ion Ratio Lower Upper
142 100
141 90.0 73.3 109.9





#37
1-Methylnaphthalene
Concen: 28.690 ng/ul
RT: 12.969 min Scan# 1614
Delta R.T. -0.017 min
Lab File: BG051689.D
Acq: 20 Dec 2021 20:09

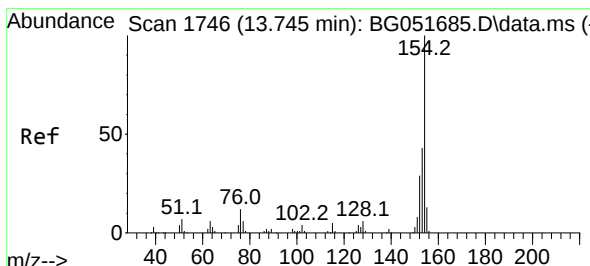
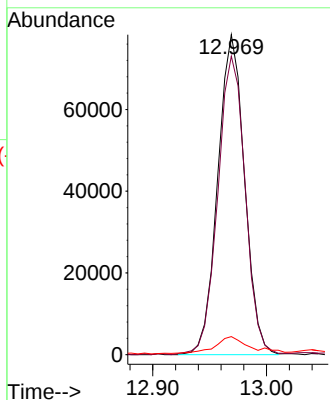
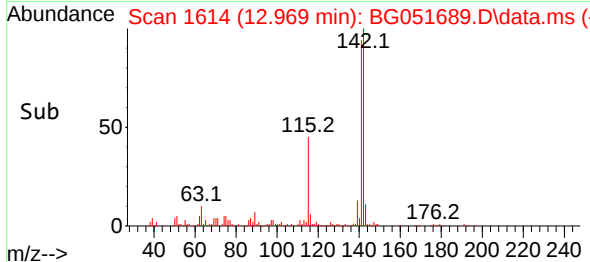
Instrument :
BNA_G
ClientSampleId :
BGLB0



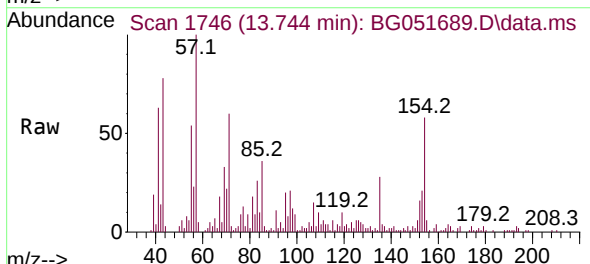
Tgt Ion:142 Resp: 128149
Ion Ratio Lower Upper
142 100
141 93.3 77.8 116.8
116 5.6 3.3 4.9

Manual Integrations
APPROVED

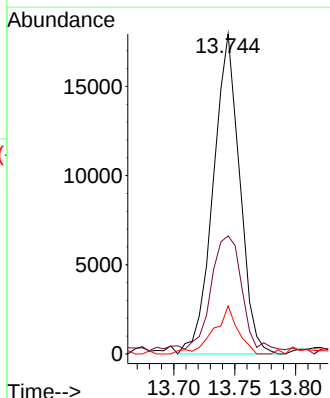
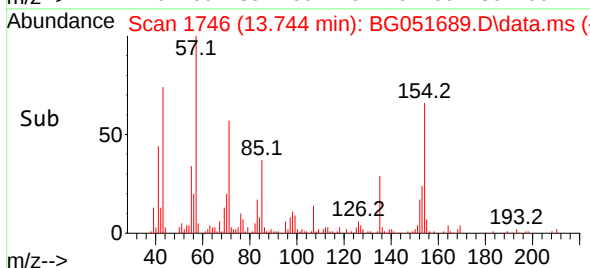
Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021

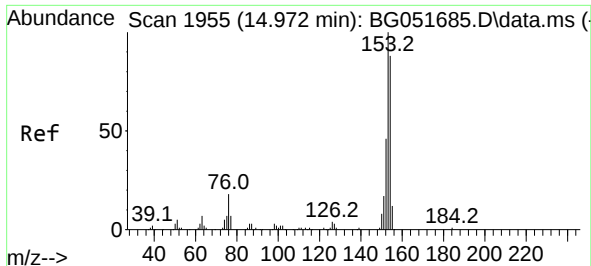


#43
1,1'-Biphenyl
Concen: 4.803 ng/ul
RT: 13.744 min Scan# 1746
Delta R.T. -0.011 min
Lab File: BG051689.D
Acq: 20 Dec 2021 20:09



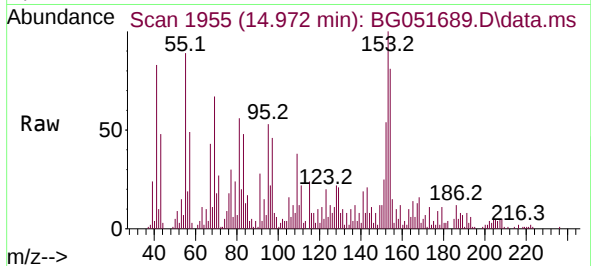
Tgt Ion:154 Resp: 27094
Ion Ratio Lower Upper
154 100
153 36.9 34.5 51.7
76 15.0 13.1 19.7





#52
Acenaphthene
Concen: 7.410 ng/ul
RT: 14.972 min Scan# 1955
Delta R.T. -0.011 min
Lab File: BG051689.D
Acq: 20 Dec 2021 20:09

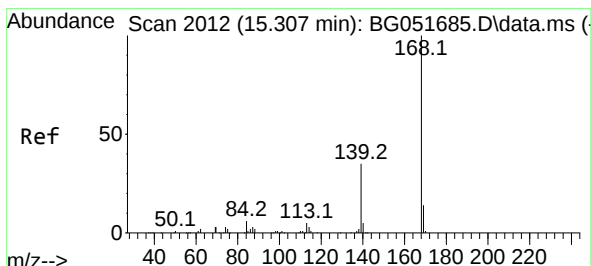
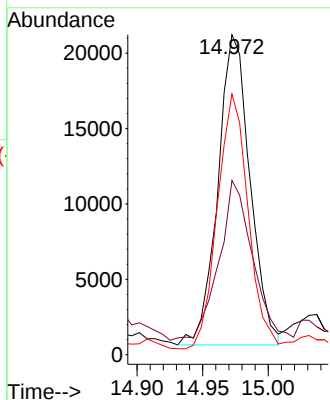
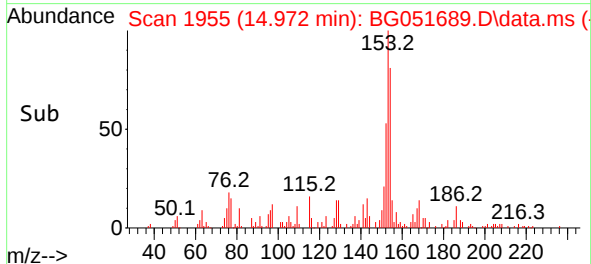
Instrument :
BNA_G
ClientSampleId :
BGLB0



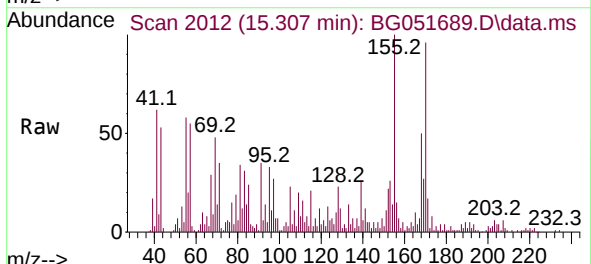
Tgt Ion:153 Resp: 3506
Ion Ratio Lower Upper
153 100
152 54.5 36.5 54.7
154 81.5 65.8 98.6

Manual Integrations
APPROVED

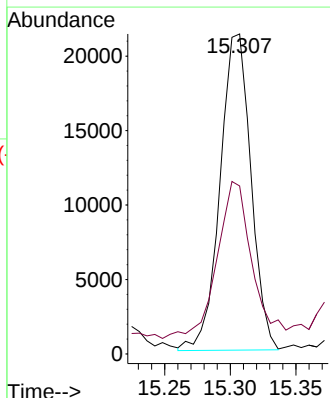
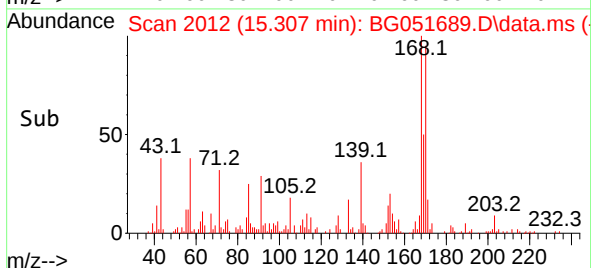
Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021

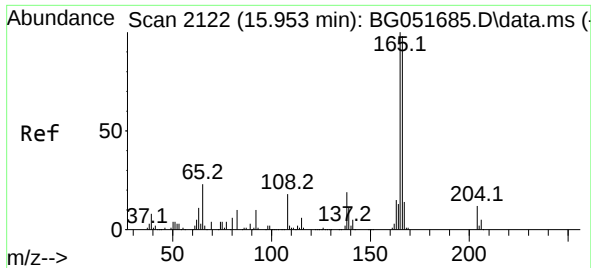


#56
Dibenzofuran
Concen: 4.987 ng/ul
RT: 15.307 min Scan# 2012
Delta R.T. -0.011 min
Lab File: BG051689.D
Acq: 20 Dec 2021 20:09



Tgt Ion:168 Resp: 34749
Ion Ratio Lower Upper
168 100
139 52.5 31.2 46.8#





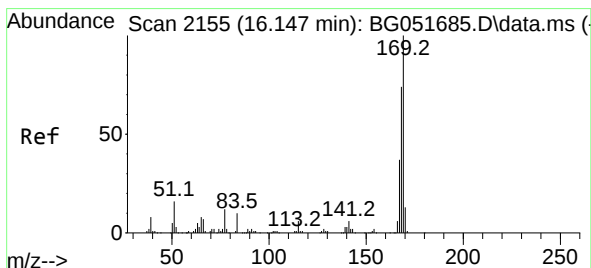
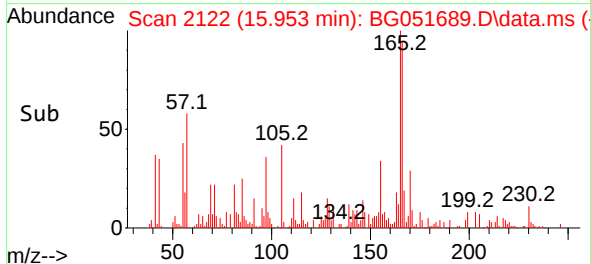
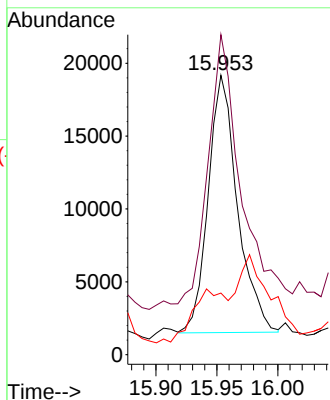
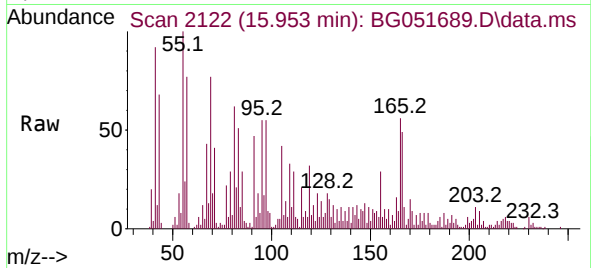
#61
Fluorene
Concen: 5.135 ng/ul
RT: 15.953 min Scan# 2122
Delta R.T. -0.011 min
Lab File: BG051689.D
Acq: 20 Dec 2021 20:09

Instrument :
BNA_G
ClientSampleId :
BGLB0

Tgt Ion:166 Resp: 29480
Ion Ratio Lower Upper
166 100
165 114.5 81.0 121.6
167 22.1 11.0 16.4

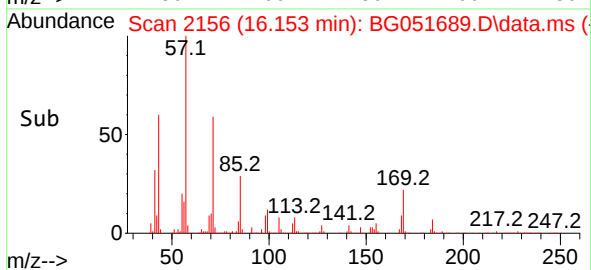
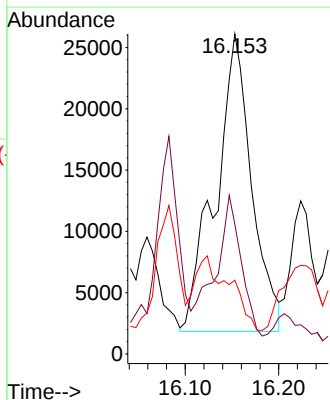
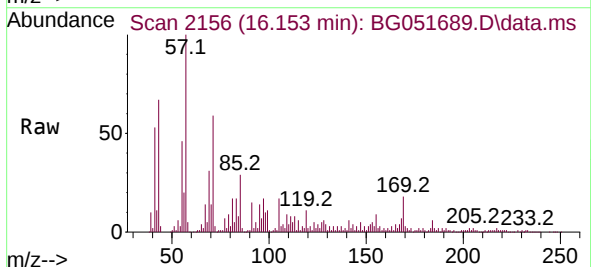
Manual Integrations
APPROVED

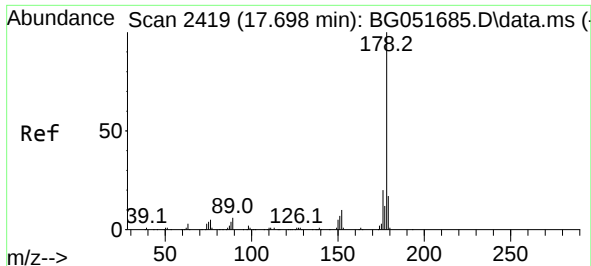
Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021



#67
N-Nitrosodiphenylamine
Concen: 17.017 ng/ul m
RT: 16.153 min Scan# 2156
Delta R.T. -0.005 min
Lab File: BG051689.D
Acq: 20 Dec 2021 20:09

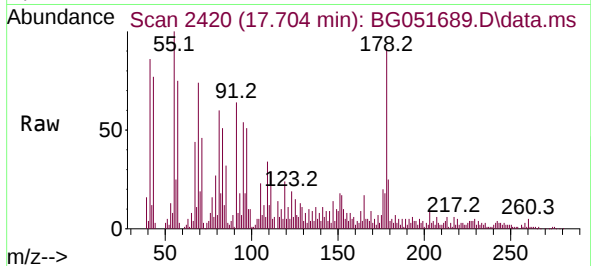
Tgt Ion:169 Resp: 65202
Ion Ratio Lower Upper
169 100
168 40.5 58.5 87.7#
167 23.0 31.3 46.9#





#72
Phenanthrene
Concen: 10.640 ng/ul
RT: 17.704 min Scan# 2419
Delta R.T. -0.005 min
Lab File: BG051689.D
Acq: 20 Dec 2021 20:09

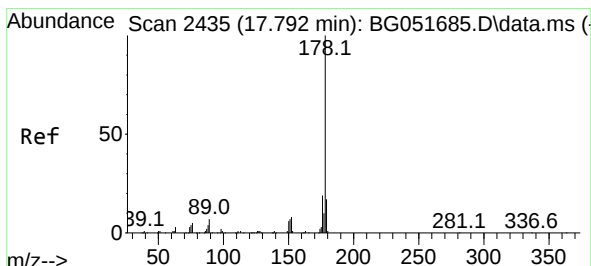
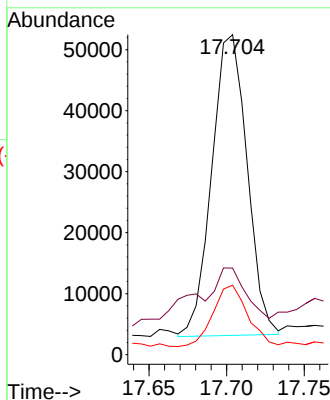
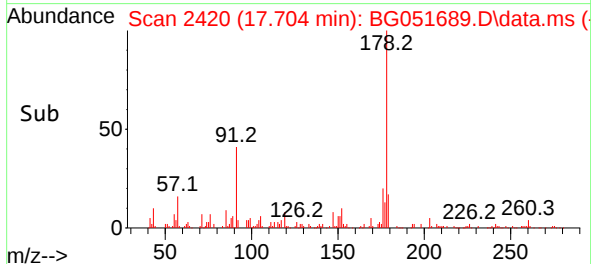
Instrument :
BNA_G
ClientSampleId :
BGLB0



Tgt Ion:178 Resp: 77964
Ion Ratio Lower Upper
178 100
179 27.1 12.3 18.5
176 21.7 15.5 23.3

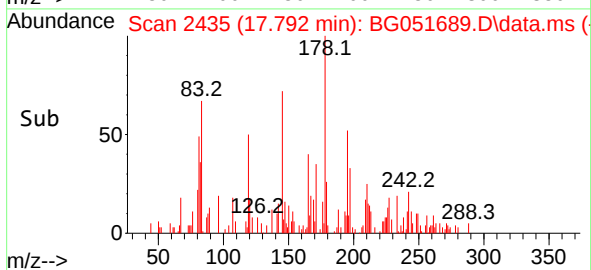
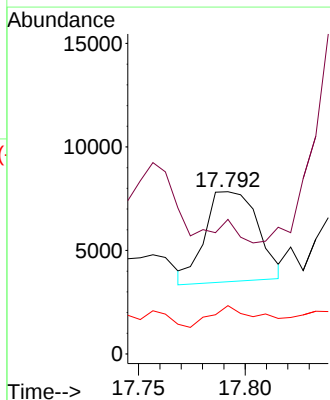
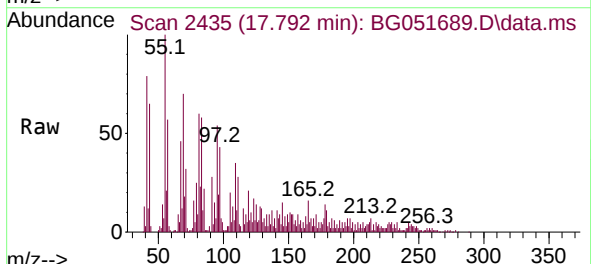
Manual Integrations
APPROVED

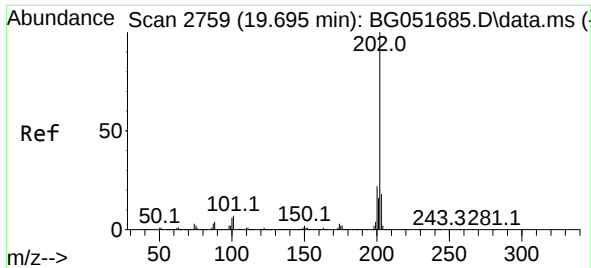
Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021



#74
Anthracene
Concen: 1.017 ng/ul
RT: 17.792 min Scan# 2435
Delta R.T. -0.005 min
Lab File: BG051689.D
Acq: 20 Dec 2021 20:09

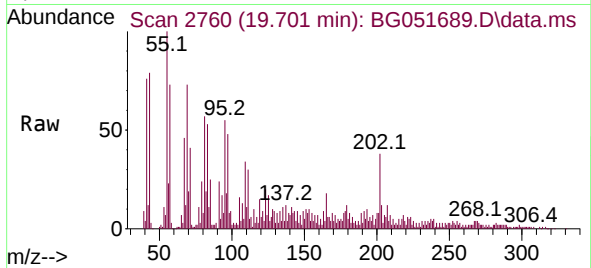
Tgt Ion:178 Resp: 7526
Ion Ratio Lower Upper
178 100
179 82.9 13.0 19.6#
176 29.8 15.6 23.4#





#80
Fluoranthene
Concen: 2.706 ng/ul
RT: 19.701 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG051689.D
Acq: 20 Dec 2021 20:09

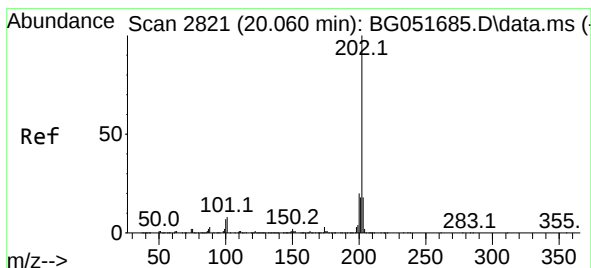
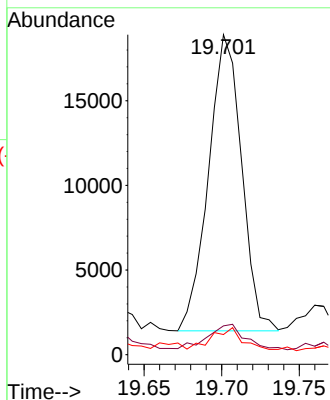
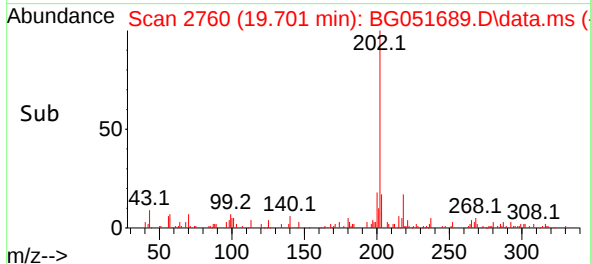
Instrument :
BNA_G
ClientSampleId :
BGLB0



Tgt Ion:202 Resp: 2591
Ion Ratio Lower Upper
202 100
101 9.0 9.3 13.9
100 6.3 7.0 10.6

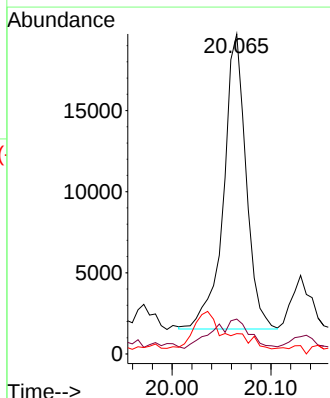
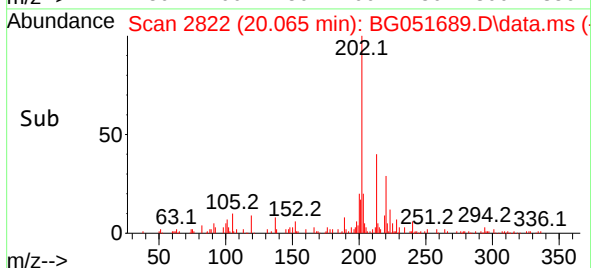
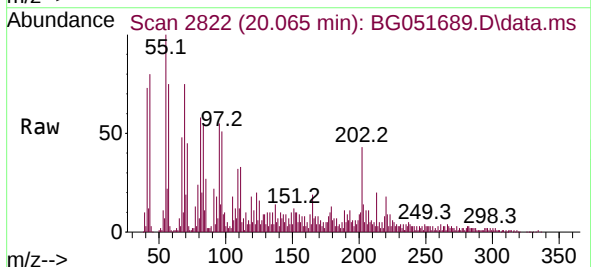
Manual Integrations
APPROVED

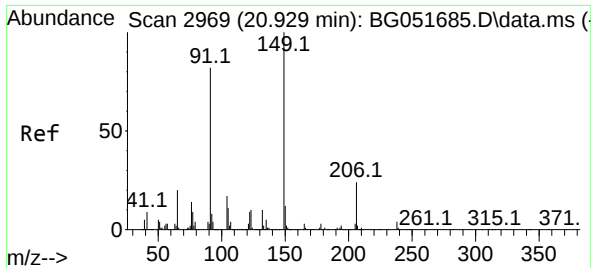
Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021



#82
Pyrene
Concen: 3.034 ng/ul m
RT: 20.065 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BG051689.D
Acq: 20 Dec 2021 20:09

Tgt Ion:202 Resp: 28758
Ion Ratio Lower Upper
202 100
101 10.9 10.7 16.1
100 6.3 9.0 13.6





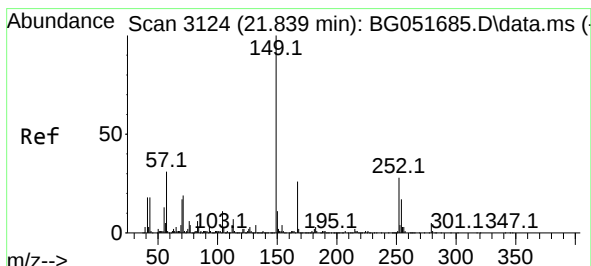
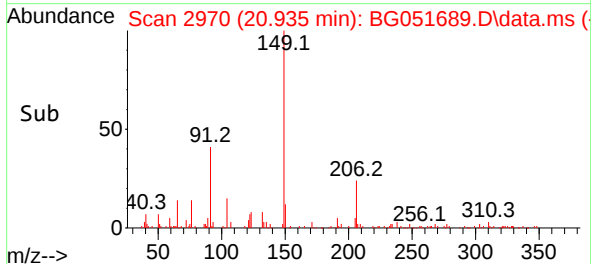
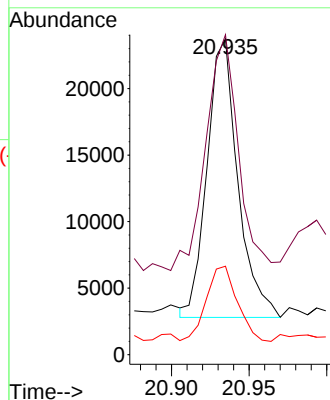
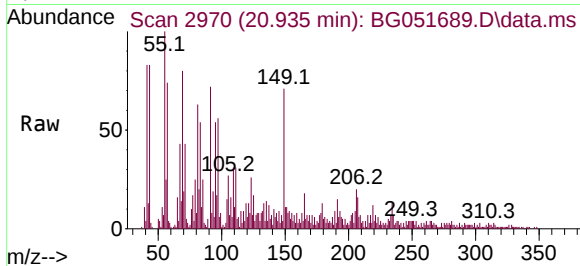
#83
Butylbenzylphthalate
Concen: 9.076 ng/ul
RT: 20.935 min Scan# 2969
Delta R.T. -0.011 min
Lab File: BG051689.D
Acq: 20 Dec 2021 20:09

Instrument :
BNA_G
ClientSampleId :
BGLB0

Tgt Ion:149 Resp: 28849
Ion Ratio Lower Upper
149 100
91 101.2 65.2 97.8
206 28.0 16.2 24.2

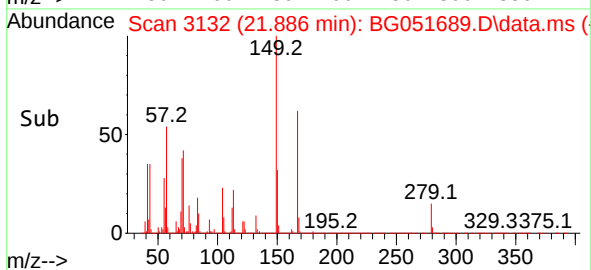
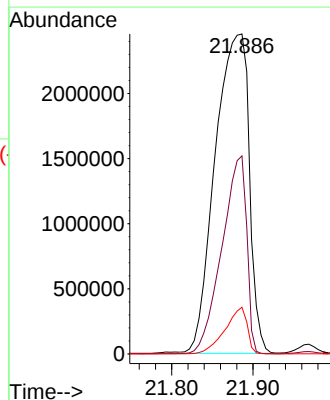
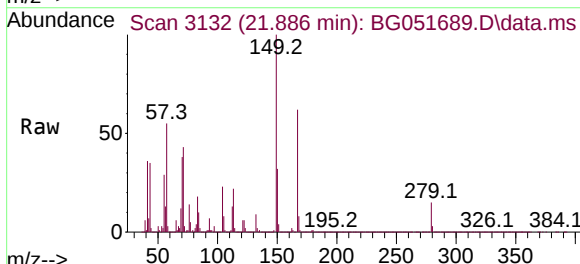
Manual Integrations
APPROVED

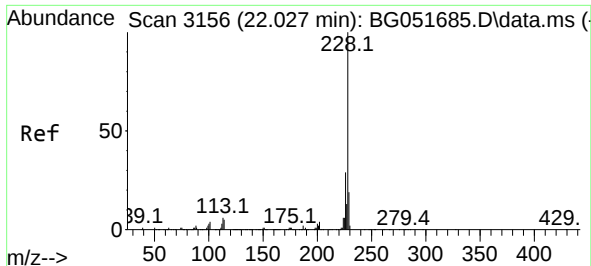
Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021



#86
Bis(2-ethylhexyl)phthalate
Concen: 1600.737 ng/ul
RT: 21.886 min Scan# 3132
Delta R.T. 0.018 min
Lab File: BG051689.D
Acq: 20 Dec 2021 20:09

Tgt Ion:149 Resp: 7127278
Ion Ratio Lower Upper
149 100
167 61.9 21.1 31.7#
279 14.6 2.7 4.1#





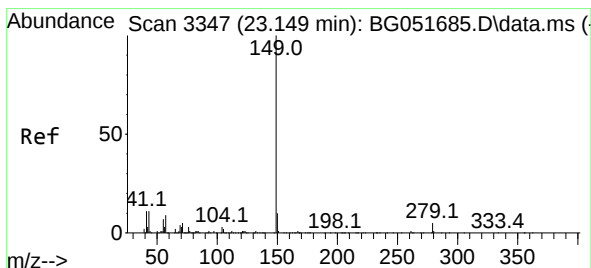
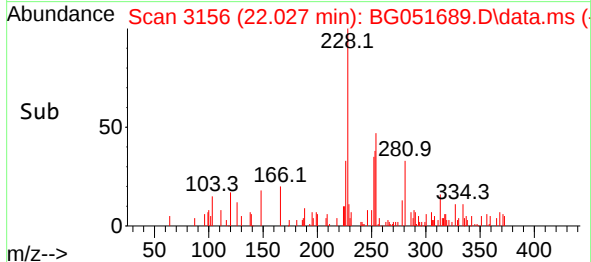
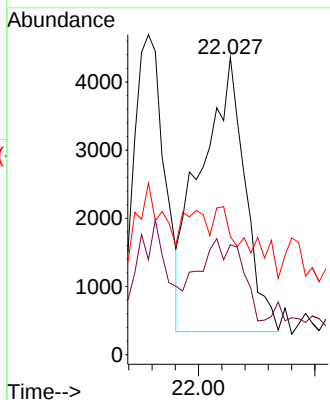
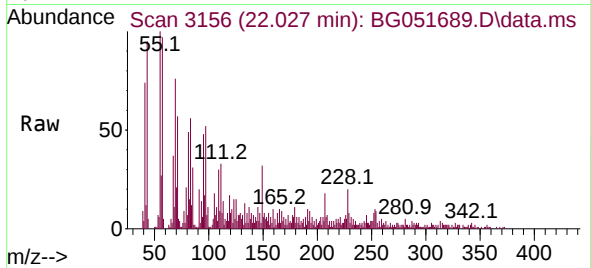
#87
Chrysene
Concen: 1.224 ng/ul m
RT: 22.027 min Scan# 3156
Delta R.T. -0.011 min
Lab File: BG051689.D
Acq: 20 Dec 2021 20:09

Instrument :
BNA_G
ClientSampleId :
BGLB0

Tgt Ion:228 Resp: 10670
Ion Ratio Lower Upper
228 100
226 36.9 24.8 37.2
229 39.7 15.8 23.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021



#89
Di-n-octyl phthalate
Concen: 151.335 ng/ul
RT: 23.167 min Scan# 3350
Delta R.T. -0.017 min
Lab File: BG051689.D
Acq: 20 Dec 2021 20:09

Tgt Ion:149 Resp: 1190089

