

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
 Data File : BG051683.D
 Acq On : 20 Dec 2021 16:07
 Operator : CG/JU
 Sample : M5171-14
 Misc :
 ALS Vial : 10 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 23:11:00 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	8.277	152	26812	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.108	136	109137	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.909	164	71521	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.658	188	134647m	20.000	ng/ul	0.00
79) Chrysene-d12	21.982	240	130126m	20.000	ng/ul	0.00
88) Perylene-d12	25.489	264	136113m	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.601	96	1800	2.788	ng/uL	0.00
4) Pyridine-d5	4.030	84	27362	14.027	ng/ul	-0.02
7) Phenol-d5	7.407	99	53696	22.430	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.578	67	34655	24.351	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.801	132	38448	23.092	ng/ul	-0.01
15) 4-Methylphenol-d8	8.964	113	43687	23.608	ng/ul	-0.02
21) Nitrobenzene-d5	9.440	128	21589	26.981	ng/ul	-0.02
24) 2-Nitrophenol-d4	10.174	143	22921	26.204	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.715	165	42474	22.392	ng/ul	-0.02
31) 4-Chloroaniline-d4	11.232	131	63874	25.576	ng/ul	0.00
46) Dimethylphthalate-d6	14.298	166	125780	21.972	ng/ul	-0.02
49) Acenaphthylene-d8	14.603	160	162617	22.873	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.068	143	16768	18.012	ng/ul	0.00
60) Fluorene-d10	15.902	176	107809	21.020	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.002	200	11912	16.980	ng/ul	0.00
73) Anthracene-d10	17.758	188	159627	24.852	ng/ul	0.00
81) Pyrene-d10	20.037	212	173151m	22.109	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.242	264	163574	22.840	ng/ul	0.00
Target Compounds					Qvalue	
8) Phenol	7.437	94	3296	1.385	ng/ul#	94
30) Naphthalene	11.161	128	389888	66.310	ng/ul	97
32) 4-Chloroaniline	11.255	127	42829	16.794	ng/ul	97
36) 2-Methylnaphthalene	12.753	142	70226	16.741	ng/ul	100
37) 1-Methylnaphthalene	12.970	142	126499	29.044	ng/ul	99
43) 1,1'-Biphenyl	13.740	154	26166	4.776	ng/ul	97
52) Acenaphthene	14.974	153	34841	7.582	ng/ul	90
56) Dibenzofuran	15.303	168	34906	5.158	ng/ul#	82
61) Fluorene	15.955	166	27954	5.013	ng/ul#	90
67) N-Nitrosodiphenylamine	16.154	169	62871m	17.360	ng/ul	
72) Phenanthrene	17.705	178	79121m	11.425	ng/ul	
80) Fluoranthene	19.702	202	24499m	2.725	ng/ul	
82) Pyrene	20.067	202	27332m	3.072	ng/ul	
83) Butylbenzylphthalate	20.936	149	27667m	9.273	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.882	149	6903551m	1651.936	ng/ul	
87) Chrysene	22.029	228	12253m	1.498	ng/ul	
89) Di-n-octyl phthalate	23.168	149	1113177	151.839	ng/ul	100

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

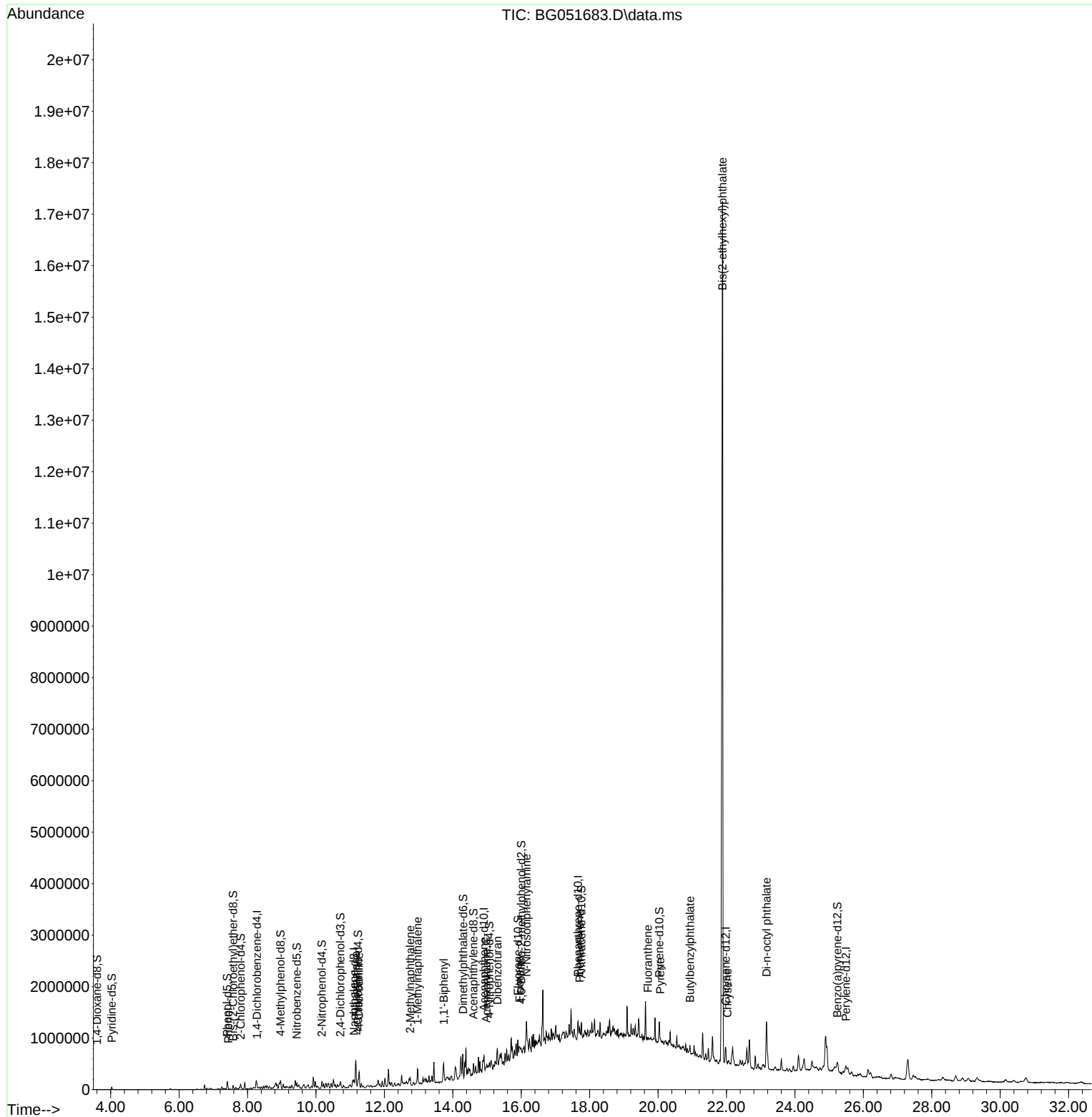
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051683.D
Acq On : 20 Dec 2021 16:07
Operator : CG/JU
Sample : M5171-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

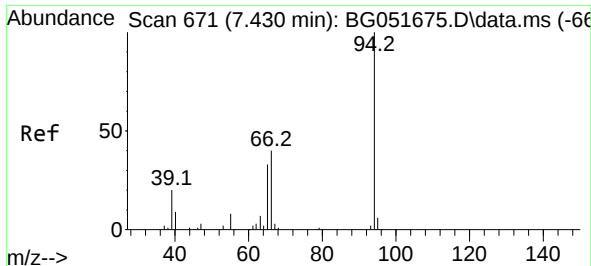
Instrument :
BNA_G
ClientSampleId :
BGLB0

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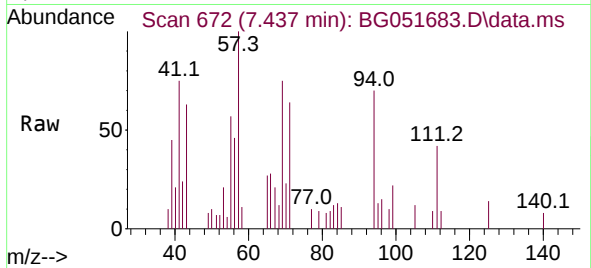
Quant Time: Dec 20 23:11:00 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration





#8
Phenol
Concen: 1.385 ng/ul
RT: 7.437 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG051683.D
Acq: 20 Dec 2021 16:07

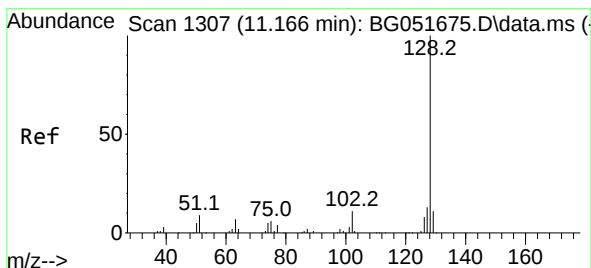
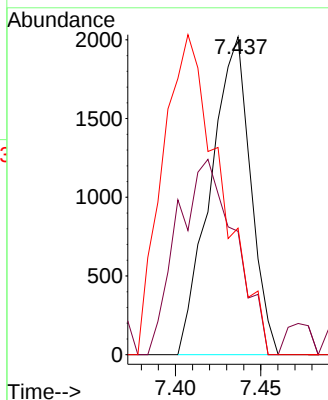
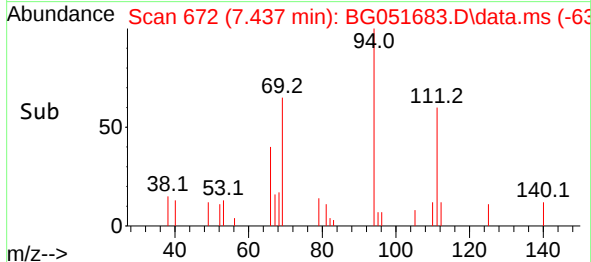
Instrument :
BNA_G
ClientSampleId :
BGLB0



Tgt Ion: 94 Resp: 3290
Ion Ratio Lower Upper
94 100
65 38.8 25.1 37.7
66 39.8 31.6 47.4

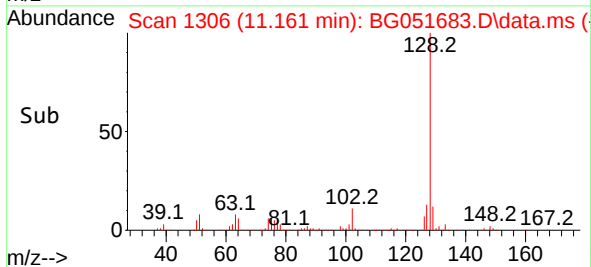
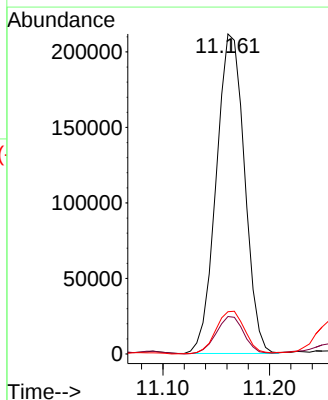
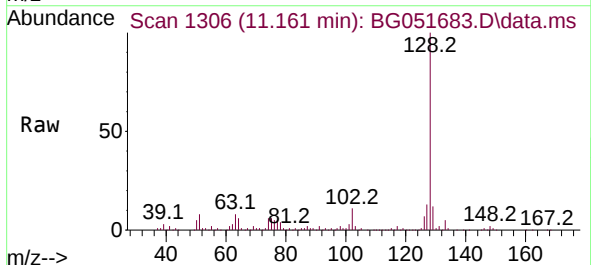
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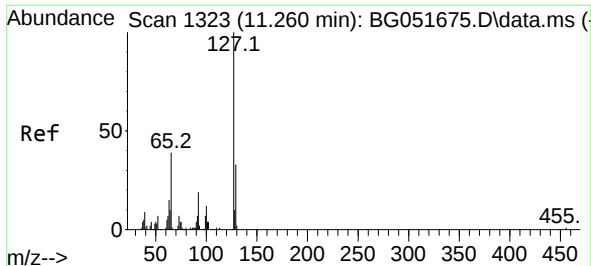
Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021



#30
Naphthalene
Concen: 66.310 ng/ul
RT: 11.161 min Scan# 1306
Delta R.T. -0.016 min
Lab File: BG051683.D
Acq: 20 Dec 2021 16:07

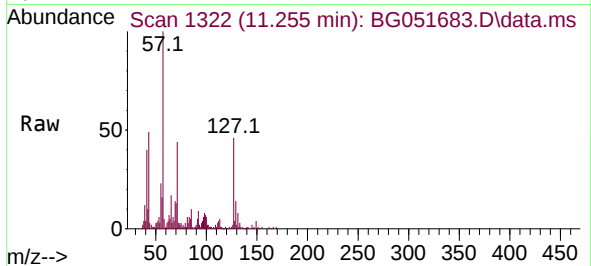
Tgt Ion:128 Resp: 389888
Ion Ratio Lower Upper
128 100
129 11.7 8.5 12.7
127 13.2 11.8 17.6





#32
4-Chloroaniline
Concen: 16.794 ng/ul
RT: 11.255 min Scan# 1127
Delta R.T. -0.016 min
Lab File: BG051683.D
Acq: 20 Dec 2021 16:07

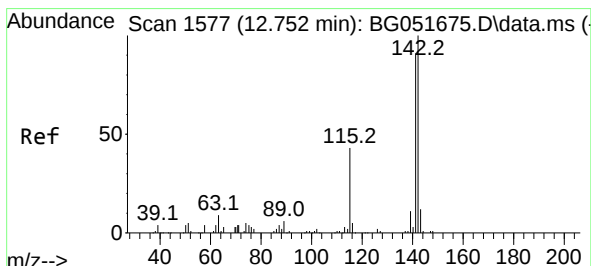
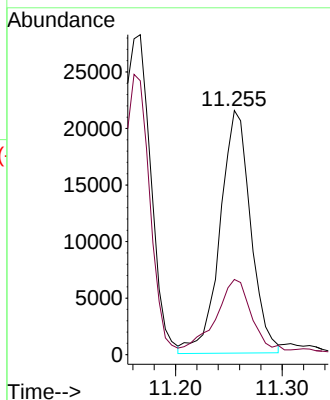
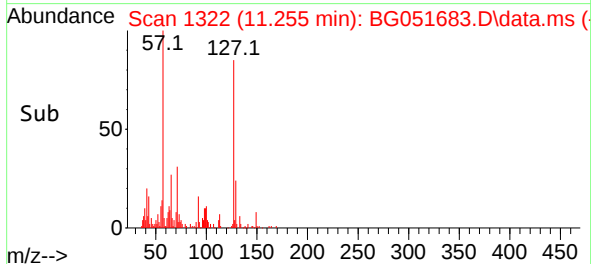
Instrument :
BNA_G
ClientSampleId :
BGLB0



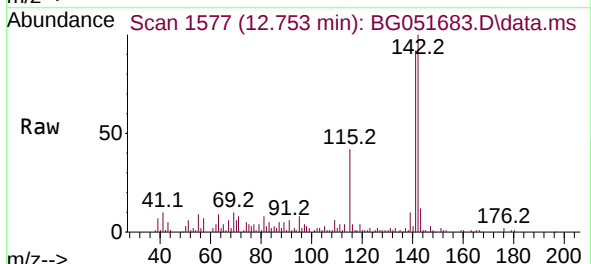
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Ion Ratio Lower Upper
127 100
129 30.8 26.2 39.2

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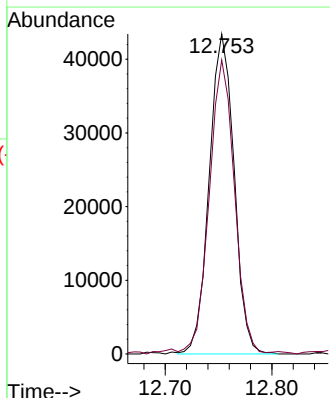
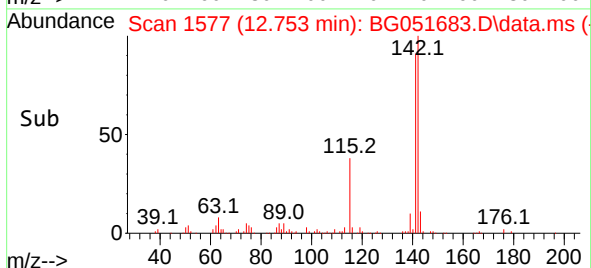
Reviewed By :Jagrut Upadhyay 12/21/2021
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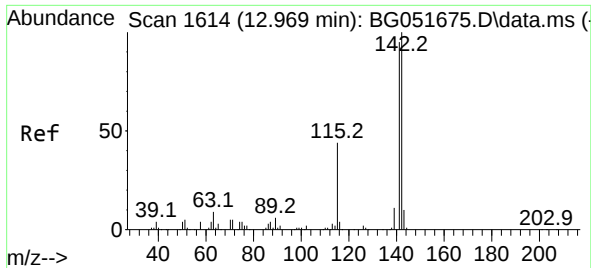


#36
2-Methylnaphthalene
Concen: 16.741 ng/ul
RT: 12.753 min Scan# 1577
Delta R.T. -0.016 min
Lab File: BG051683.D
Acq: 20 Dec 2021 16:07



Tgt Ion:142 Resp: 70226
Ion Ratio Lower Upper
142 100
141 91.9 73.3 109.9





#37

1-Methylnaphthalene

Concen: 29.044 ng/ul

RT: 12.970 min Scan# 1

Delta R.T. -0.016 min

Lab File: BG051683.D

Acq: 20 Dec 2021 16:07

Instrument :

BNA_G

ClientSampleId :

BGLB0

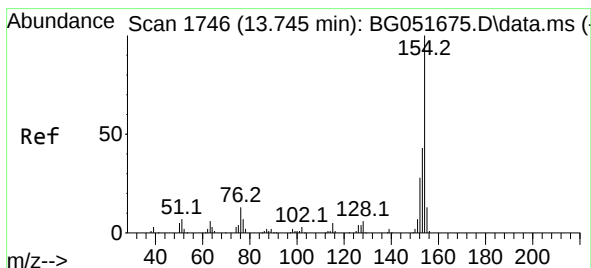
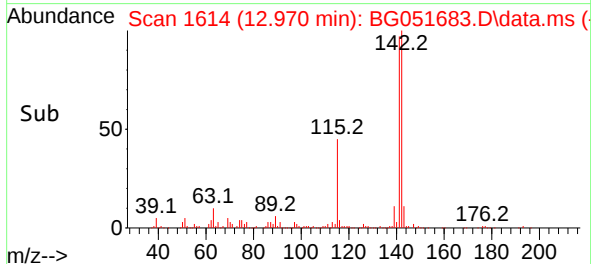
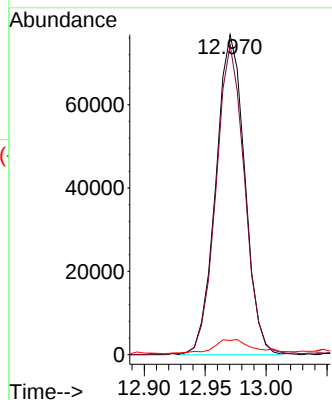
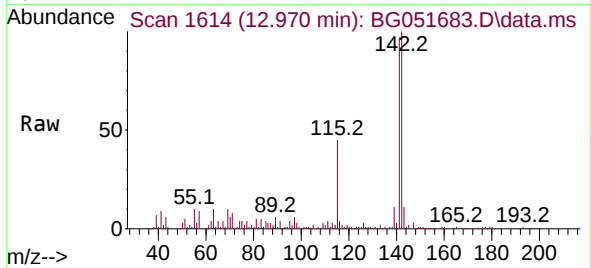
Tgt Ion:142 Resp: 126499

Ion	Ratio	Lower	Upper
142	100		
141	96.8	77.8	116.8
116	4.4	3.3	4.9

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#43

1,1'-Biphenyl

Concen: 4.776 ng/ul

RT: 13.740 min Scan# 1745

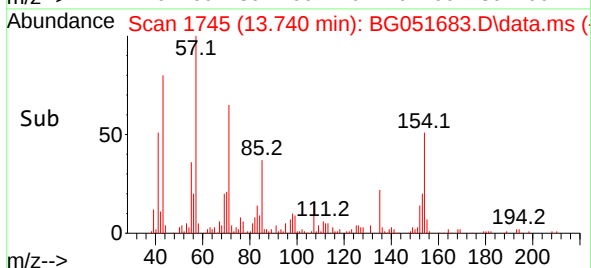
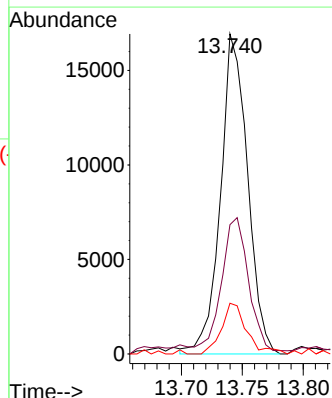
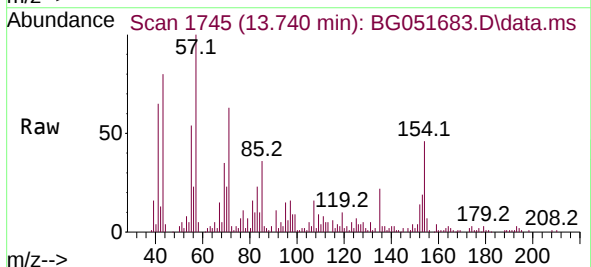
Delta R.T. -0.016 min

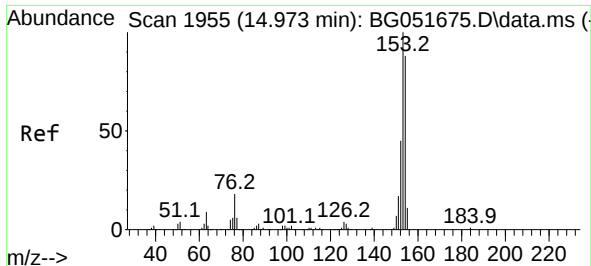
Lab File: BG051683.D

Acq: 20 Dec 2021 16:07

Tgt Ion:154 Resp: 26166

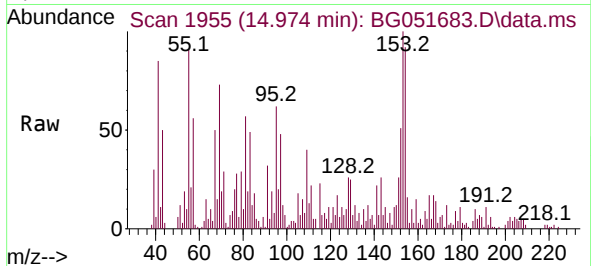
Ion	Ratio	Lower	Upper
154	100		
153	40.4	34.5	51.7
76	15.9	13.1	19.7





#52
Acenaphthene
Concen: 7.582 ng/ul
RT: 14.974 min Scan# 1955
Delta R.T. -0.010 min
Lab File: BG051683.D
Acq: 20 Dec 2021 16:07

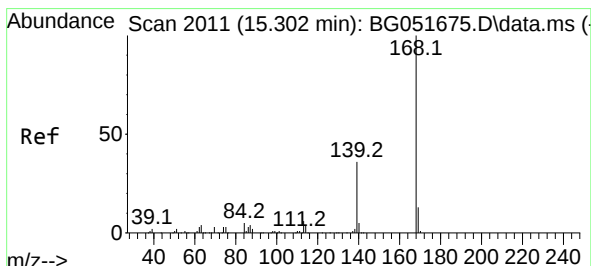
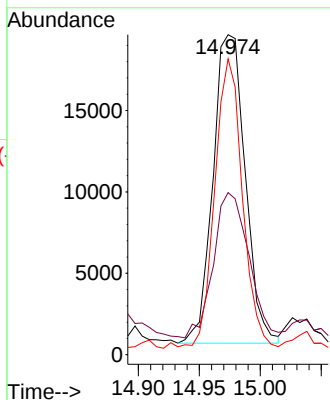
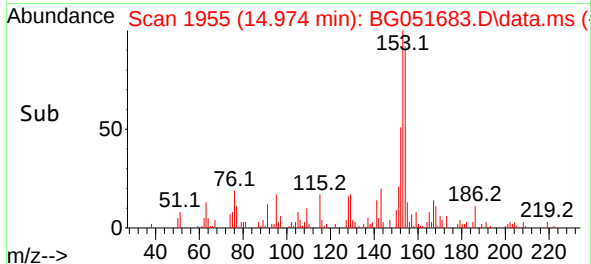
Instrument :
BNA_G
ClientSampleId :
BGLB0



Tgt Ion:153 Resp: 3484
Ion Ratio Lower Upper
153 100
152 50.6 36.5 54.7
154 92.4 65.8 98.6

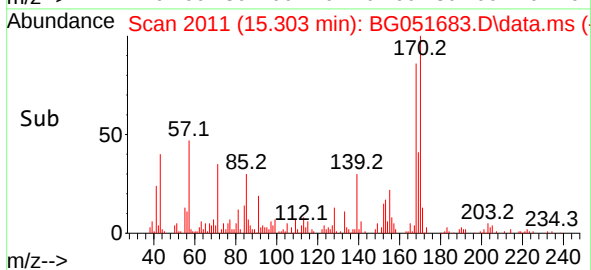
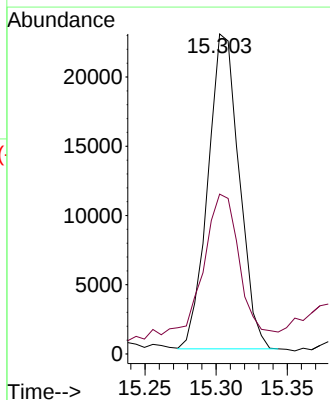
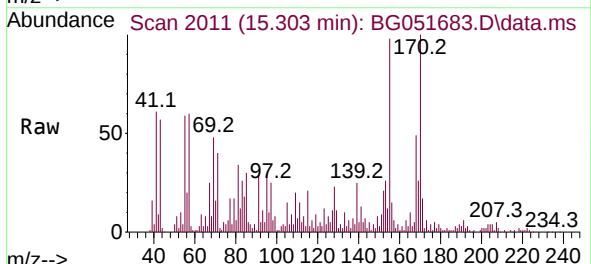
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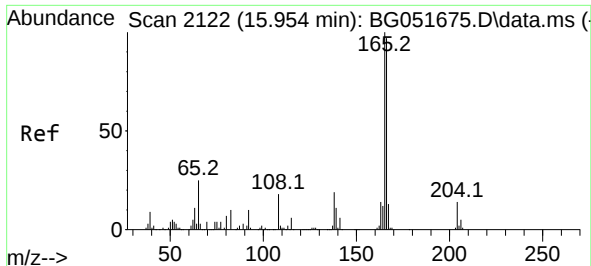
Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021



#56
Dibenzofuran
Concen: 5.158 ng/ul
RT: 15.303 min Scan# 2011
Delta R.T. -0.016 min
Lab File: BG051683.D
Acq: 20 Dec 2021 16:07

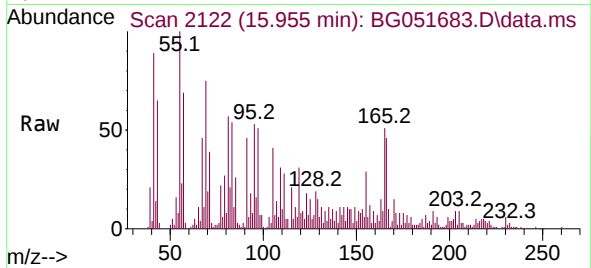
Tgt Ion:168 Resp: 34906
Ion Ratio Lower Upper
168 100
139 50.0 31.2 46.8#





#61
Fluorene
Concen: 5.013 ng/ul
RT: 15.955 min Scan# 2122
Delta R.T. -0.010 min
Lab File: BG051683.D
Acq: 20 Dec 2021 16:07

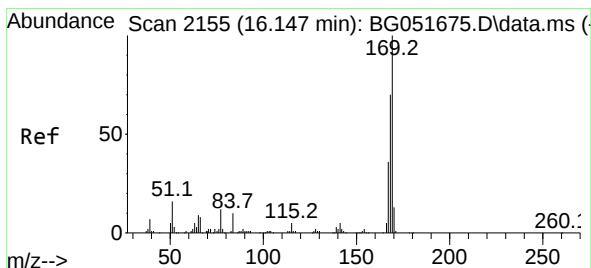
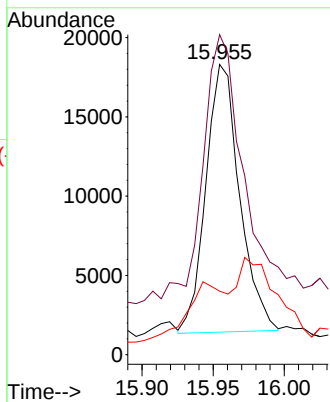
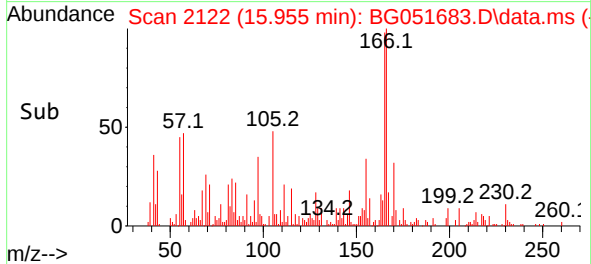
Instrument :
BNA_G
ClientSampleId :
BGLB0



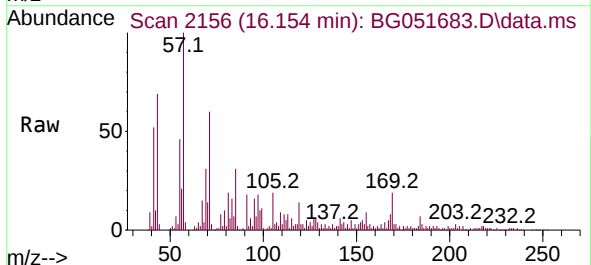
Tgt Ion:166 Resp: 27954
Ion Ratio Lower Upper
166 100
165 110.2 81.0 121.6
167 21.9 11.0 16.4

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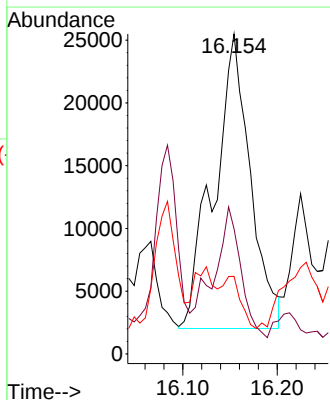
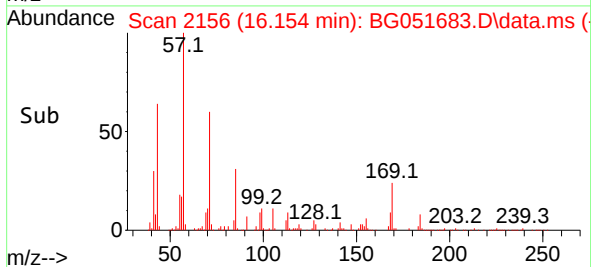
Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021

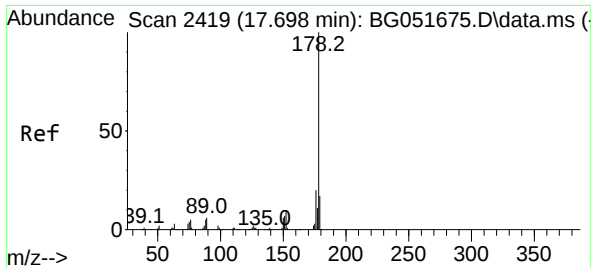


#67
N-Nitrosodiphenylamine
Concen: 17.360 ng/ul m
RT: 16.154 min Scan# 2156
Delta R.T. -0.004 min
Lab File: BG051683.D
Acq: 20 Dec 2021 16:07



Tgt Ion:169 Resp: 62871
Ion Ratio Lower Upper
169 100
168 39.1 58.5 87.7#
167 24.3 31.3 46.9#





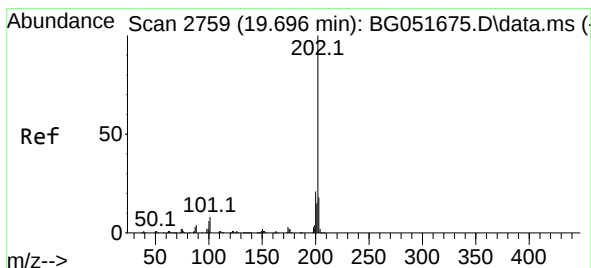
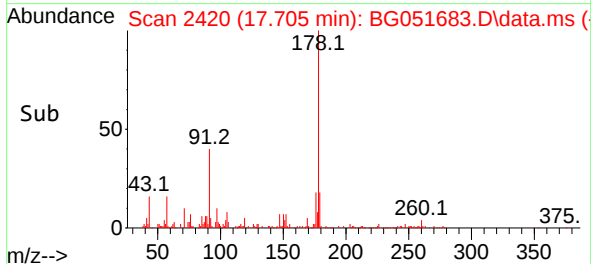
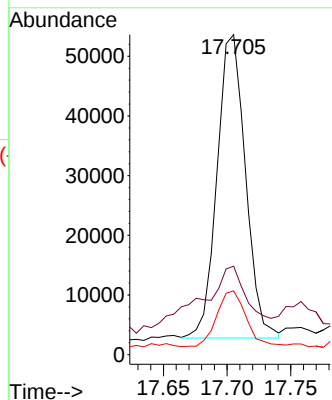
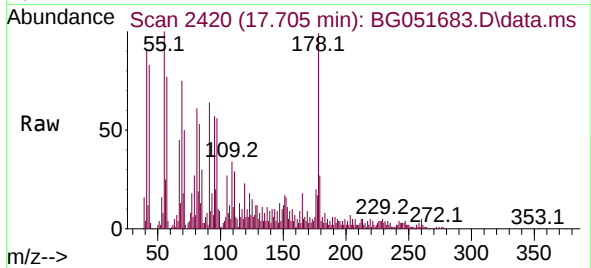
#72
Phenanthrene
Concen: 11.425 ng/ul m
RT: 17.705 min Scan# 2419
Delta R.T. -0.004 min
Lab File: BG051683.D
Acq: 20 Dec 2021 16:07

Instrument :
BNA_G
ClientSampleId :
BGLB0

Tgt Ion:178 Resp: 7912
Ion Ratio Lower Upper
178 100
179 27.7 12.3 18.5
176 19.9 15.5 23.3

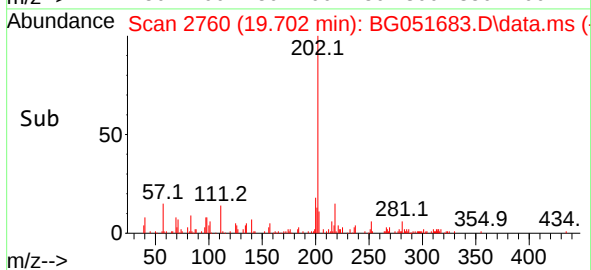
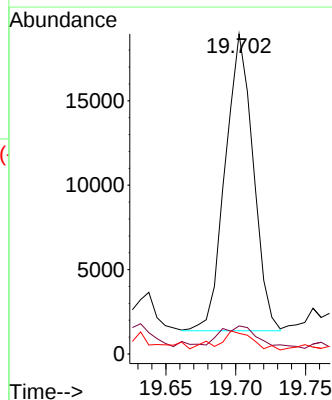
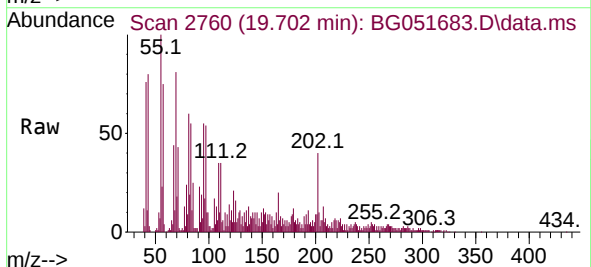
Manual Integrations
APPROVED

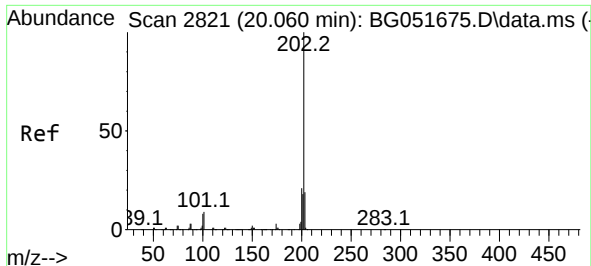
Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021



#80
Fluoranthene
Concen: 2.725 ng/ul m
RT: 19.702 min Scan# 2760
Delta R.T. -0.004 min
Lab File: BG051683.D
Acq: 20 Dec 2021 16:07

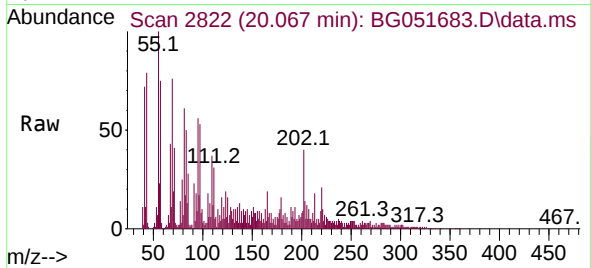
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Ion Ratio Lower Upper
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101 8.7 9.3 13.9#
100 6.4 7.0 10.6#





#82
 Pyrene
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 RT: 20.067 min Scan# 2821
 Delta R.T. 0.002 min
 Lab File: BG051683.D
 Acq: 20 Dec 2021 16:07

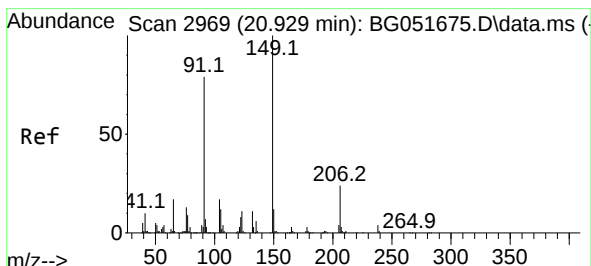
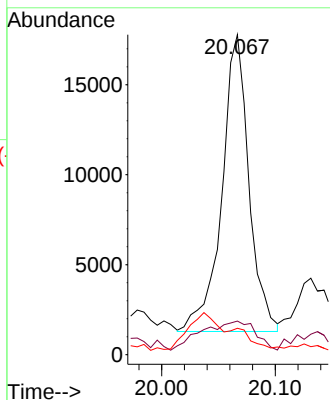
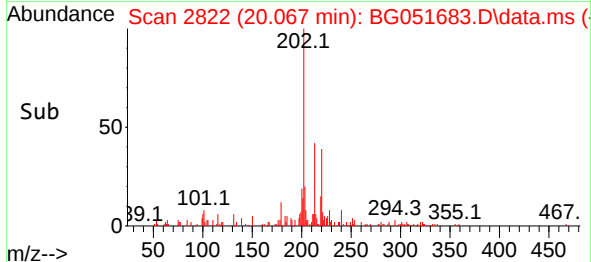
Instrument :
 BNA_G
 ClientSampleId :
 BGLB0



Tgt Ion:202 Resp: 2733
 Ion Ratio Lower Upper
 202 100
 101 10.5 10.7 16.1
 100 8.2 9.0 13.6

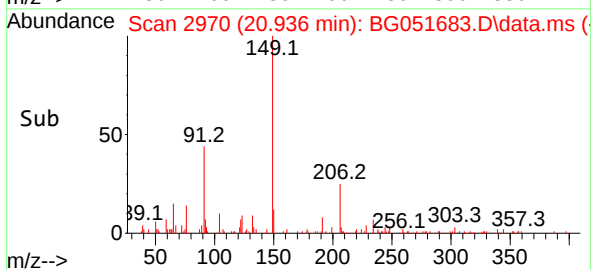
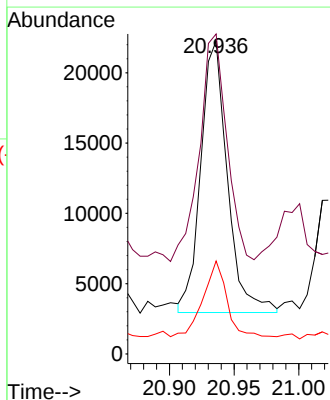
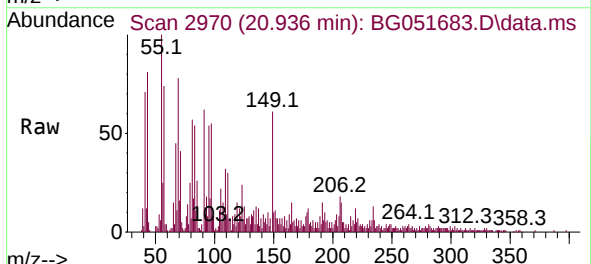
Manual Integrations
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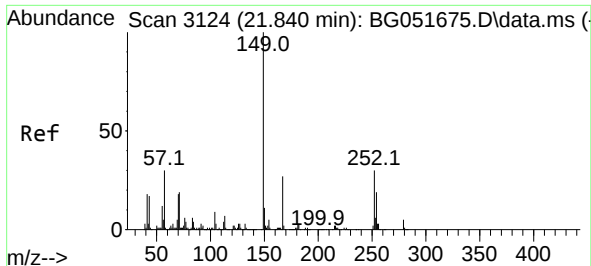
Reviewed By :Jagrut Upadhyay 12/21/2021
 Supervised By :mohammad ahmed 12/28/2021



#83
 Butylbenzylphthalate
 Concen: 9.273 ng/ul m
 RT: 20.936 min Scan# 2970
 Delta R.T. -0.010 min
 Lab File: BG051683.D
 Acq: 20 Dec 2021 16:07

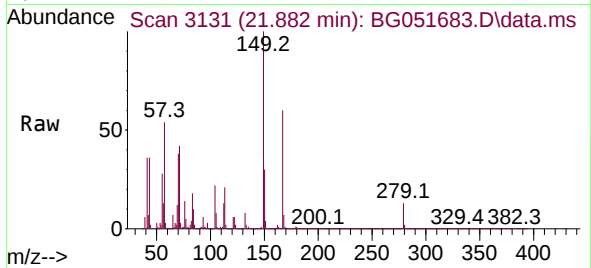
Tgt Ion:149 Resp: 27667
 Ion Ratio Lower Upper
 149 100
 91 102.2 65.2 97.8#
 206 29.7 16.2 24.2#





#86
Bis(2-ethylhexyl)phthalate
Concen: 1651.936 ng/ul m
RT: 21.882 min Scan# 3113
Delta R.T. 0.013 min
Lab File: BG051683.D
Acq: 20 Dec 2021 16:07

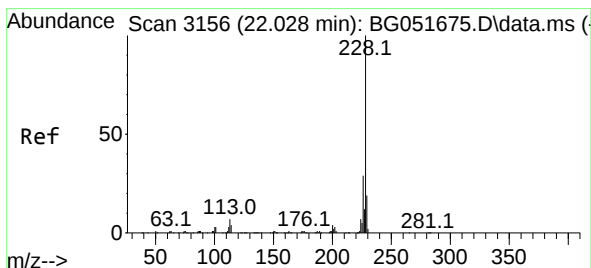
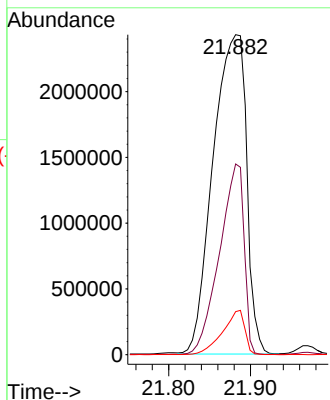
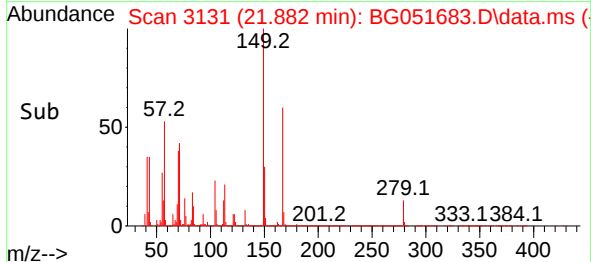
Instrument :
BNA_G
ClientSampleId :
BGLB0



Tgt Ion:149 Resp: 690355
Ion Ratio Lower Upper
149 100
167 59.6 21.1 31.7
279 13.4 2.7 4.1

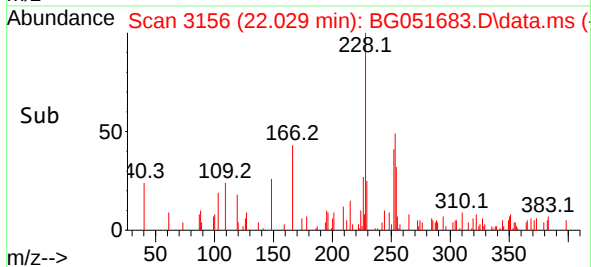
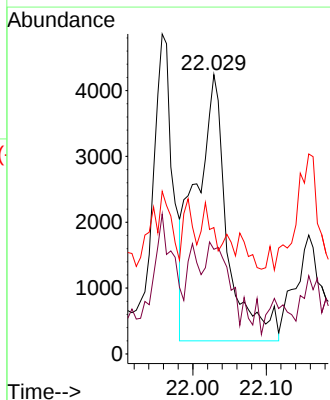
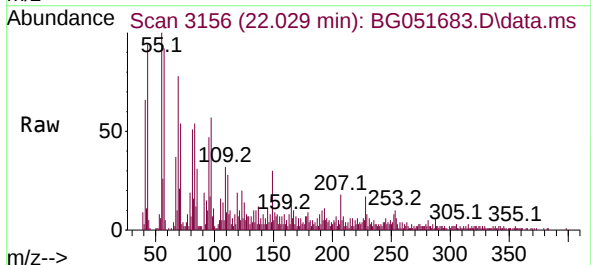
Manual Integrations
APPROVED

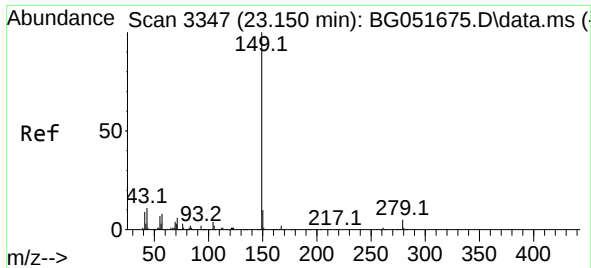
Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021



#87
Chrysene
Concen: 1.498 ng/ul m
RT: 22.029 min Scan# 3156
Delta R.T. -0.010 min
Lab File: BG051683.D
Acq: 20 Dec 2021 16:07

Tgt Ion:228 Resp: 12253
Ion Ratio Lower Upper
228 100
226 37.4 24.8 37.2#
229 45.3 15.8 23.6#





#89
Di-n-octyl phthalate
Concen: 151.839 ng/ul
RT: 23.168 min Scan# 31
Delta R.T. -0.016 min
Lab File: BG051683.D
Acq: 20 Dec 2021 16:07

Instrument :
BNA_G
ClientSampleId :
BGLB0

Tgt Ion:149 Resp: 111317

Manual Integrations
APPROVED

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

