

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011222\
 Data File : BG051956.D
 Acq On : 12 Jan 2022 21:37
 Operator : CG/JU
 Sample : N1100-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLN3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2022
 Supervised By :mohammad ahmed 01/18/2022

Quant Time: Jan 12 23:56:03 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	8.250	152	25201	20.000	ng/u1	0.00
20) Naphthalene-d8	11.087	136	106382	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.888	164	78476	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.643	188	170123	20.000	ng/u1	0.00
79) Chrysene-d12	21.960	240	168852	20.000	ng/u1	# 0.00
88) Perylene-d12	25.456	264	175926	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.574	96	2186	3.100	ng/uL	0.00
4) Pyridine-d5	4.002	84	11737	5.354	ng/u1	0.00
7) Phenol-d5	7.380	99	51567	20.907	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.550	67	45034	28.762	ng/u1	0.00
11) 2-Chlorophenol-d4	7.774	132	35475	21.723	ng/u1	0.00
15) 4-Methylphenol-d8	8.943	113	59225	30.889	ng/u1	0.00
21) Nitrobenzene-d5	9.419	128	19868	23.635	ng/u1	0.00
24) 2-Nitrophenol-d4	10.153	143	20244	21.775	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.699	165	40389	22.226	ng/u1	0.00
31) 4-Chloroaniline-d4	11.204	131	49678	19.630	ng/u1	0.00
46) Dimethylphthalate-d6	14.277	166	133414	20.567	ng/u1	0.00
49) Acenaphthylene-d8	14.582	160	179591	22.920	ng/u1	0.00
54) 4-Nitrophenol-d4	15.070	143	18796	17.331	ng/u1	0.00
60) Fluorene-d10	15.880	176	122956	21.741	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.986	200	18628	17.357	ng/u1	0.00
73) Anthracene-d10	17.743	188	190735	23.634	ng/u1	0.00
81) Pyrene-d10	20.022	212	225411	23.196	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.215	264	207634	22.419	ng/u1	0.02
Target Compounds					Qvalue	
26) 2,4-Dimethylphenol	10.300	107	17237m	7.775	ng/u1	
30) Naphthalene	11.140	128	232479	40.328	ng/u1	97
36) 2-Methylnaphthalene	12.732	142	241461	58.803	ng/u1	98
37) 1-Methylnaphthalene	12.949	142	115802	27.479	ng/u1#	96
43) 1,1'-Biphenyl	13.719	154	49414	8.156	ng/u1#	96
52) Acenaphthene	14.952	153	32977	6.428	ng/u1	97
56) Dibenzofuran	15.287	168	44532	5.977	ng/u1#	80
61) Fluorene	15.939	166	39359	6.339	ng/u1#	96
72) Phenanthrene	17.684	178	109602	12.295	ng/u1#	91
80) Fluoranthene	19.687	202	24937	2.221	ng/u1#	1
82) Pyrene	20.051	202	27678	2.503	ng/u1	96
83) Butylbenzylphthalate	20.921	149	38983	10.131	ng/u1#	81
86) Bis(2-ethylhexyl)phtha...	21.861	149	6710728m	1192.516	ng/u1	
87) Chrysene	22.013	228	12652	1.183	ng/u1#	83
89) Di-n-octyl phthalate	23.141	149	849154	87.378	ng/u1	100

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

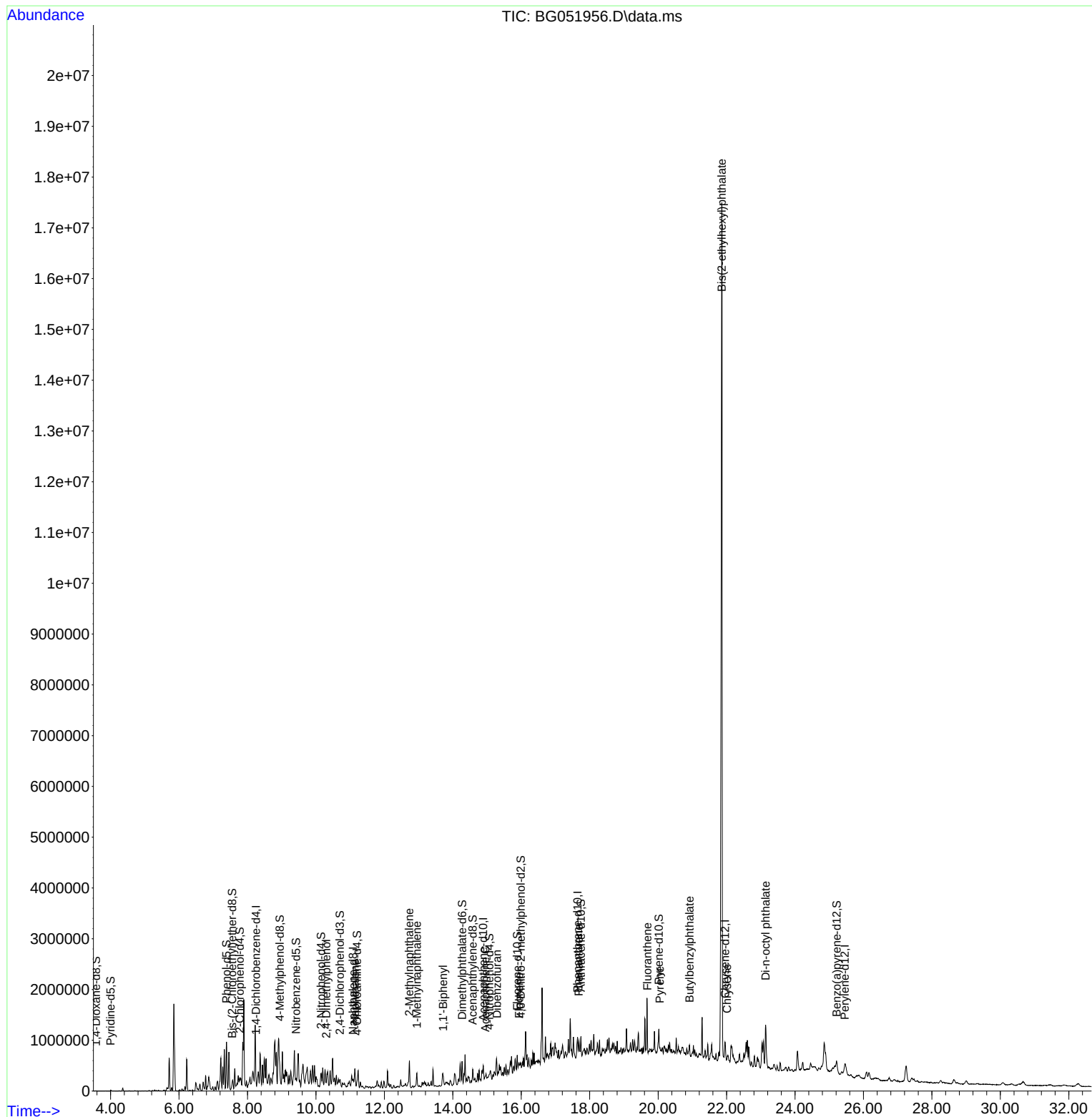
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011222\
Data File : BG051956.D
Acq On : 12 Jan 2022 21:37
Operator : CG/JU
Sample : N1100-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

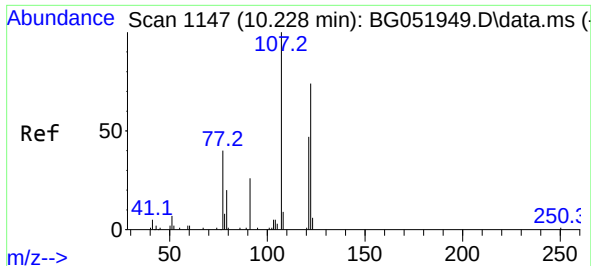
Instrument :
BNA_G
ClientSampleId :
BGLN3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2022
Supervised By :mohammad ahmed 01/18/2022

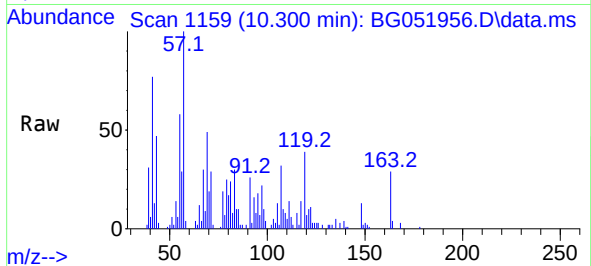
Quant Time: Jan 12 23:56:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration





#26
2,4-Dimethylphenol
Concen: 7.775 ng/ul m
RT: 10.300 min Scan# 1147
Delta R.T. 0.067 min
Lab File: BG051956.D
Acq: 12 Jan 2022 21:37

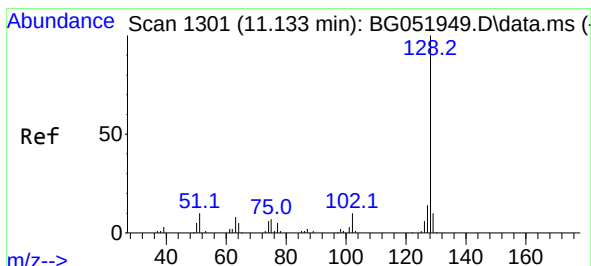
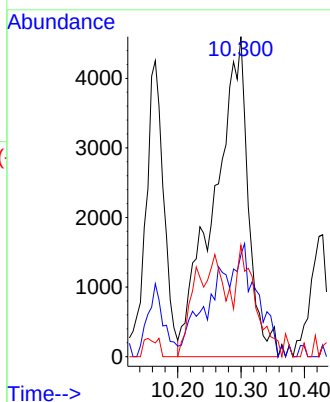
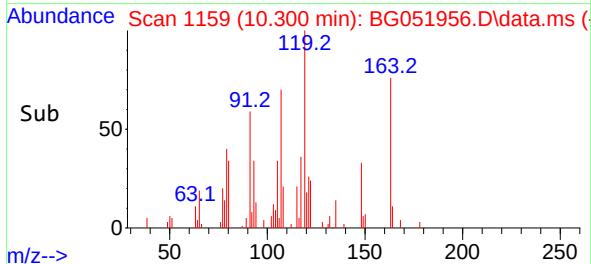
Instrument :
BNA_G
ClientSampleId :
BGLN3



Tgt Ion:107 Resp: 1723
Ion Ratio Lower Upper
107 100
121 31.9 39.3 58.9
122 34.8 63.7 95.5

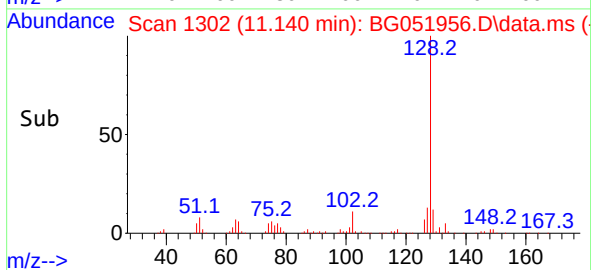
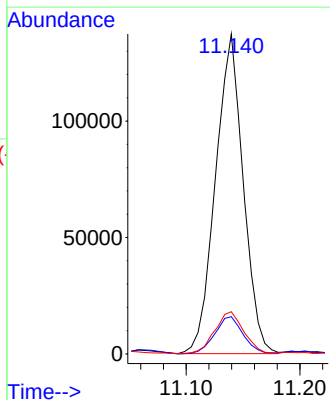
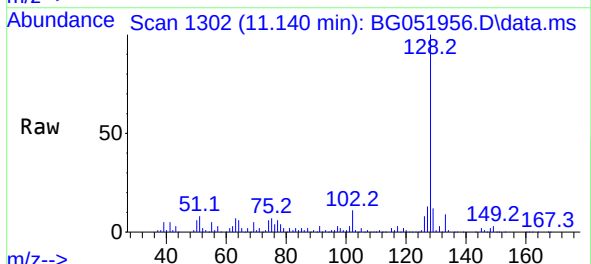
Manual Integrations
APPROVED

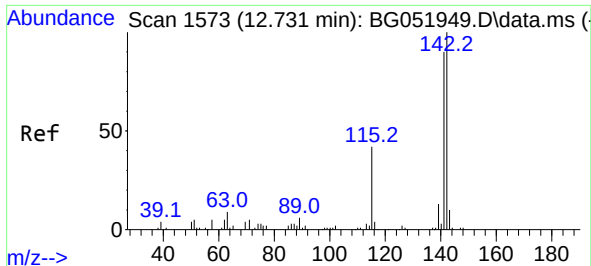
Reviewed By :Jagrut Upadhyay 01/13/2022
Supervised By :mohammad ahmed 01/18/2022



#30
Naphthalene
Concen: 40.328 ng/ul
RT: 11.140 min Scan# 1302
Delta R.T. -0.003 min
Lab File: BG051956.D
Acq: 12 Jan 2022 21:37

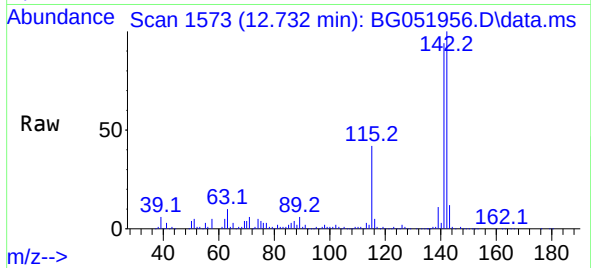
Tgt Ion:128 Resp: 232479
Ion Ratio Lower Upper
128 100
129 11.7 8.5 12.7
127 13.2 11.8 17.6





#36
2-Methylnaphthalene
Concen: 58.803 ng/ul
RT: 12.732 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG051956.D
Acq: 12 Jan 2022 21:37

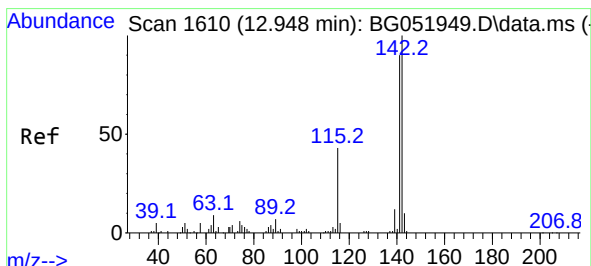
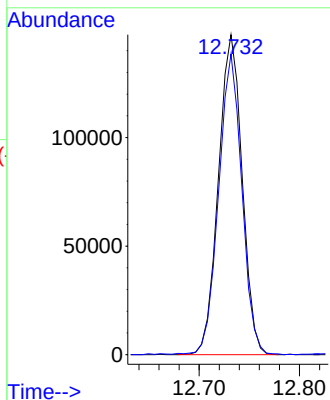
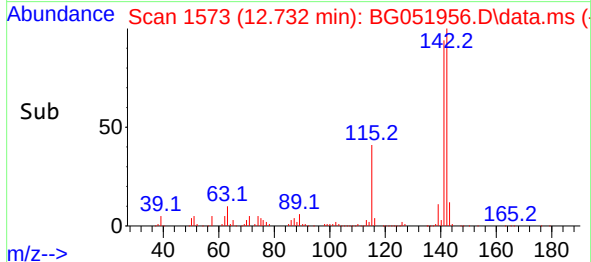
Instrument :
BNA_G
ClientSampleId :
BGLN3



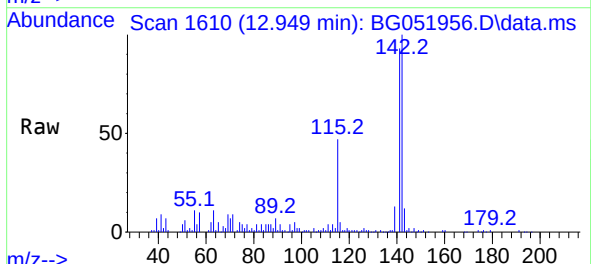
Tgt Ion:142 Resp: 24146
Ion Ratio Lower Upper
142 100
141 94.0 73.3 109.9

Manual Integrations
APPROVED

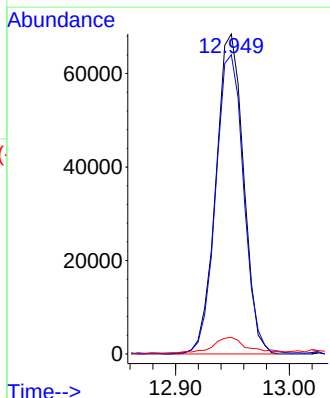
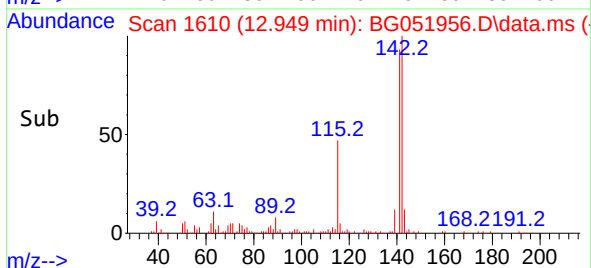
Reviewed By :Jagrut Upadhyay 01/13/2022
Supervised By :mohammad ahmed 01/18/2022

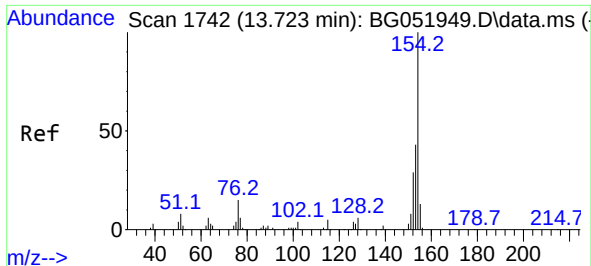


#37
1-Methylnaphthalene
Concen: 27.479 ng/ul
RT: 12.949 min Scan# 1610
Delta R.T. -0.003 min
Lab File: BG051956.D
Acq: 12 Jan 2022 21:37



Tgt Ion:142 Resp: 115802
Ion Ratio Lower Upper
142 100
141 93.5 77.8 116.8
116 5.2 3.3 4.9#





#43

1,1'-Biphenyl

Concen: 8.156 ng/ul

RT: 13.719 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG051956.D

Acq: 12 Jan 2022 21:37

Instrument :

BNA_G

ClientSampleId :

BGLN3

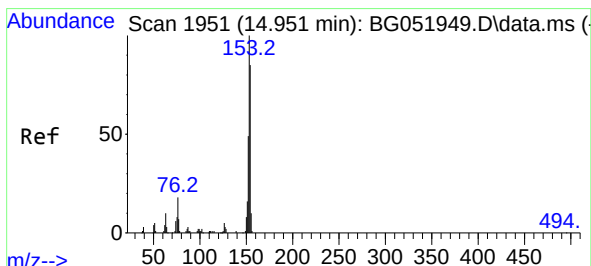
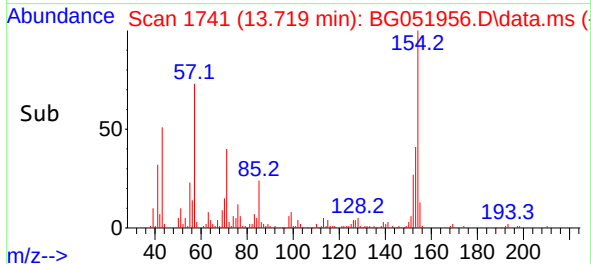
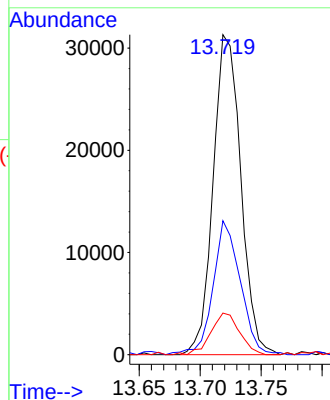
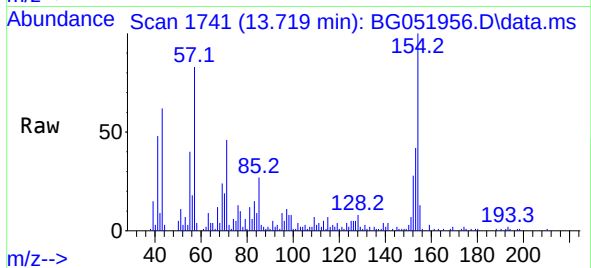
Tgt Ion:154 Resp: 49414

Ion	Ratio	Lower	Upper
154	100		
153	41.8	34.5	51.7
76	13.0	13.1	19.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2022
Supervised By :mohammad ahmed 01/18/2022



#52

Acenaphthene

Concen: 6.428 ng/ul

RT: 14.952 min Scan# 1951

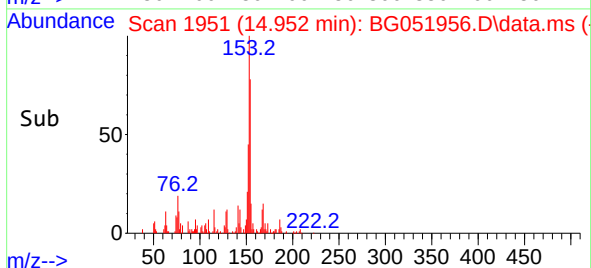
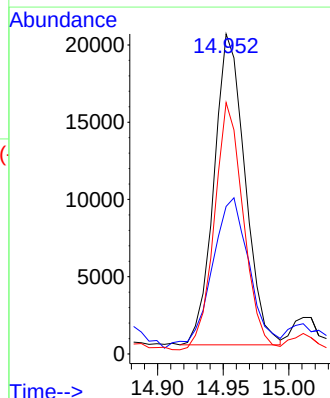
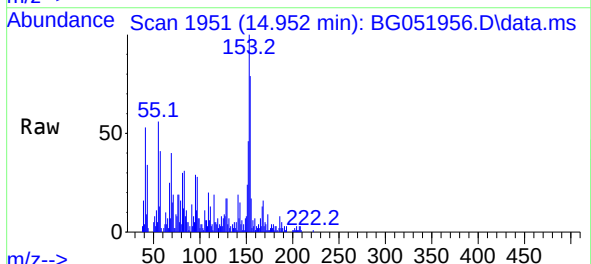
Delta R.T. -0.003 min

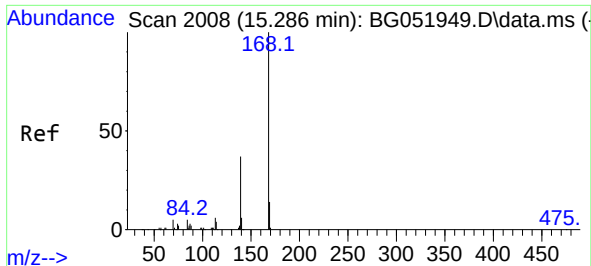
Lab File: BG051956.D

Acq: 12 Jan 2022 21:37

Tgt Ion:153 Resp: 32977

Ion	Ratio	Lower	Upper
153	100		
152	46.1	36.5	54.7
154	78.5	65.8	98.6





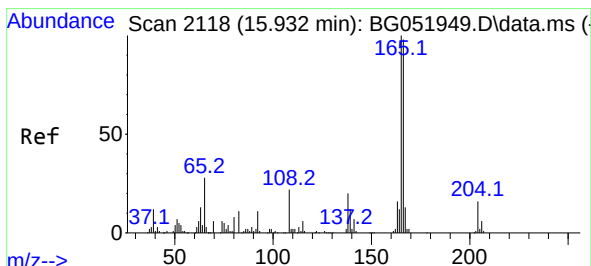
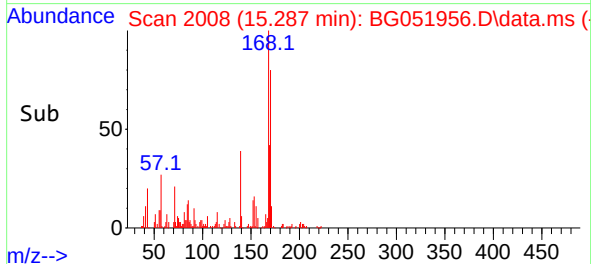
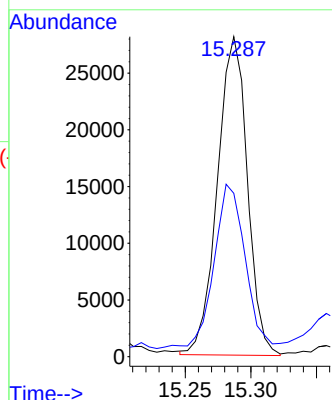
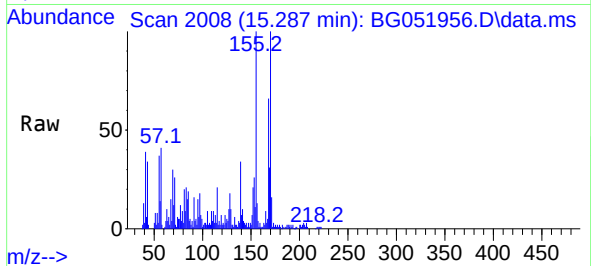
#56
Dibenzenofuran
Concen: 5.977 ng/u1
RT: 15.287 min Scan# 2008
Delta R.T. 0.003 min
Lab File: BG051956.D
Acq: 12 Jan 2022 21:37

Instrument :
BNA_G
ClientSampleId :
BGLN3

Tgt Ion:168 Resp: 4453
Ion Ratio Lower Upper
168 100
139 51.0 31.2 46.8

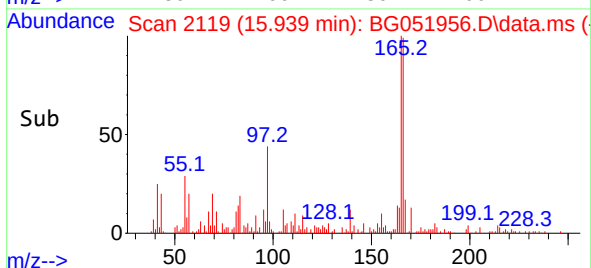
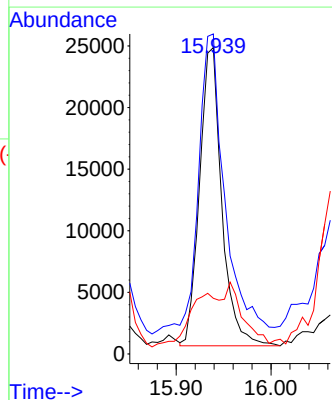
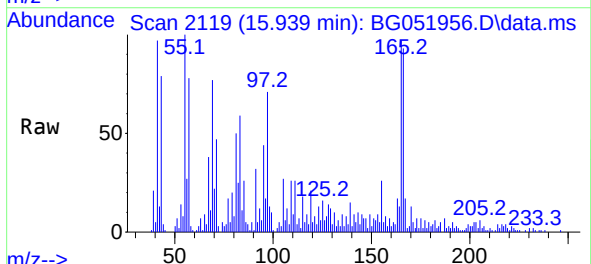
Manual Integrations
APPROVED

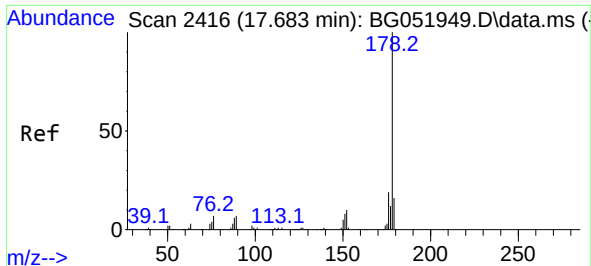
Reviewed By :Jagrut Upadhyay 01/13/2022
Supervised By :mohammad ahmed 01/18/2022



#61
Fluorene
Concen: 6.339 ng/u1
RT: 15.939 min Scan# 2119
Delta R.T. 0.003 min
Lab File: BG051956.D
Acq: 12 Jan 2022 21:37

Tgt Ion:166 Resp: 39359
Ion Ratio Lower Upper
166 100
165 104.4 81.0 121.6
167 18.2 11.0 16.4





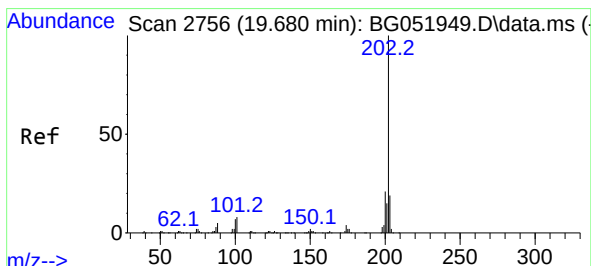
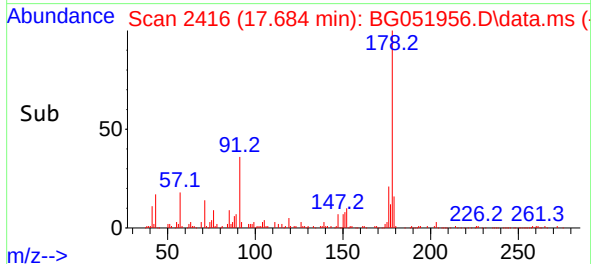
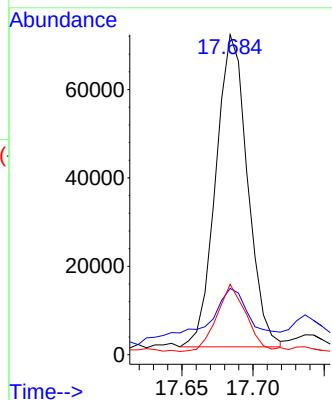
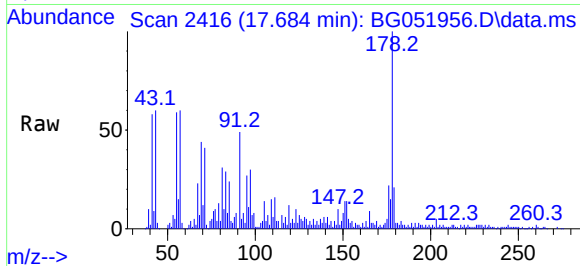
#72
Phenanthrene
Concen: 12.295 ng/ul
RT: 17.684 min Scan# 2416
Delta R.T. 0.003 min
Lab File: BG051956.D
Acq: 12 Jan 2022 21:37

Instrument :
BNA_G
ClientSampleId :
BGLN3

Tgt Ion:178 Resp: 10960
Ion Ratio Lower Upper
178 100
179 20.7 12.3 18.5
176 22.0 15.5 23.3

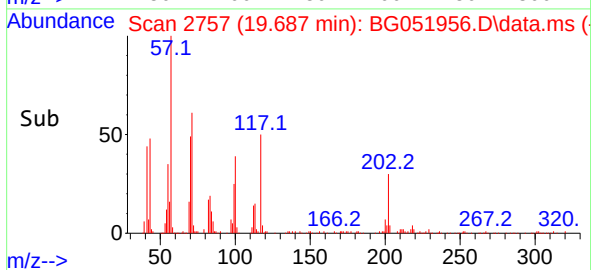
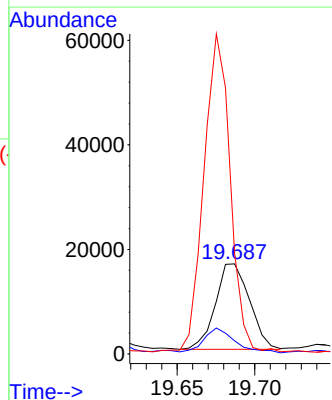
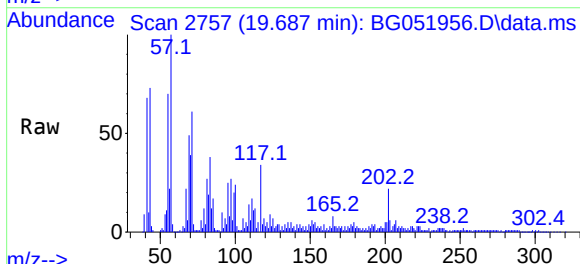
Manual Integrations
APPROVED

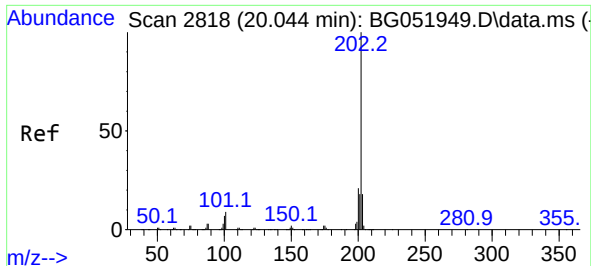
Reviewed By :Jagrut Upadhyay 01/13/2022
Supervised By :mohammad ahmed 01/18/2022



#80
Fluoranthene
Concen: 2.221 ng/ul
RT: 19.687 min Scan# 2757
Delta R.T. 0.008 min
Lab File: BG051956.D
Acq: 12 Jan 2022 21:37

Tgt Ion:202 Resp: 24937
Ion Ratio Lower Upper
202 100
101 14.6 9.3 13.9#
100 111.6 7.0 10.6#





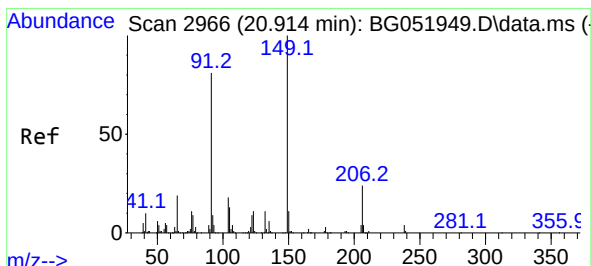
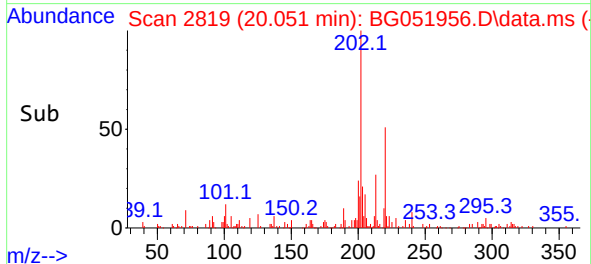
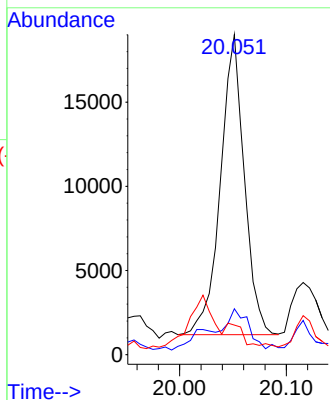
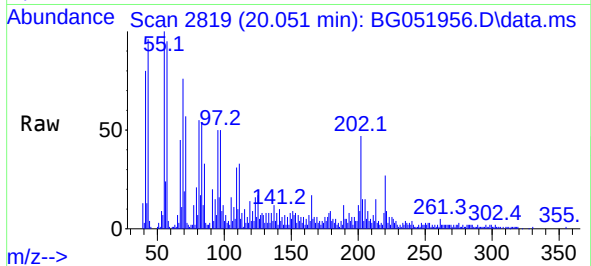
#82
Pyrene
Concen: 2.503 ng/u1
RT: 20.051 min Scan# 2818
Delta R.T. 0.008 min
Lab File: BG051956.D
Acq: 12 Jan 2022 21:37

Instrument :
BNA_G
ClientSampleId :
BGLN3

Tgt Ion:202 Resp: 27678
Ion Ratio Lower Upper
202 100
101 14.3 10.7 16.1
100 9.3 9.0 13.6

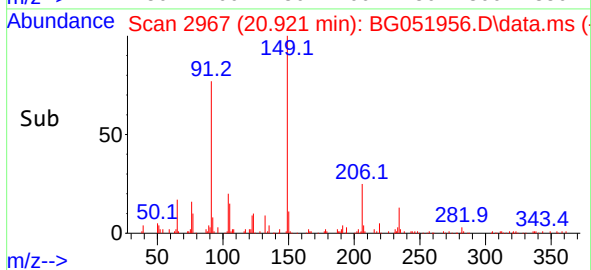
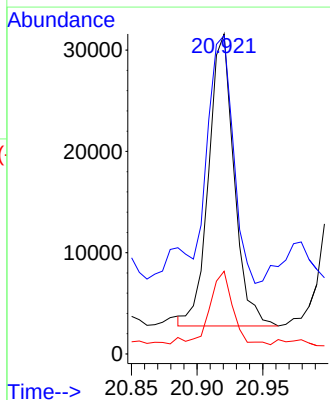
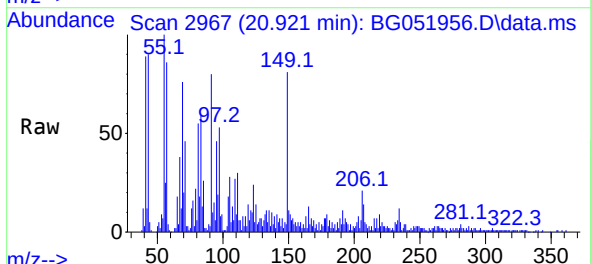
Manual Integrations
APPROVED

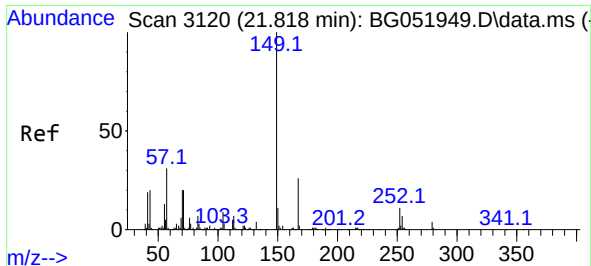
Reviewed By :Jagrut Upadhyay 01/13/2022
Supervised By :mohammad ahmed 01/18/2022



#83
Butylbenzylphthalate
Concen: 10.131 ng/u1
RT: 20.921 min Scan# 2967
Delta R.T. 0.008 min
Lab File: BG051956.D
Acq: 12 Jan 2022 21:37

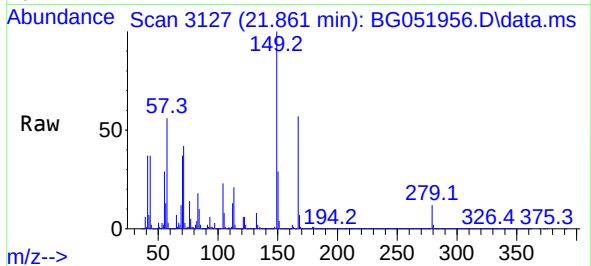
Tgt Ion:149 Resp: 38983
Ion Ratio Lower Upper
149 100
91 99.5 65.2 97.8#
206 25.9 16.2 24.2#





#86
Bis(2-ethylhexyl)phthalate
Concen: 1192.516 ng/ul m
RT: 21.861 min Scan# 3127
Delta R.T. 0.044 min
Lab File: BG051956.D
Acq: 12 Jan 2022 21:37

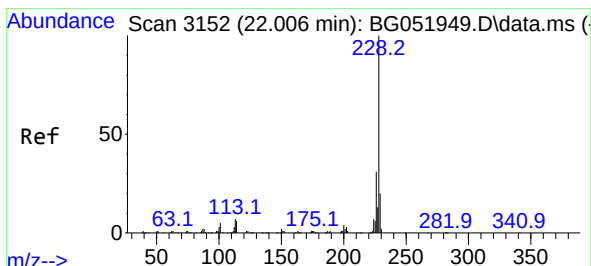
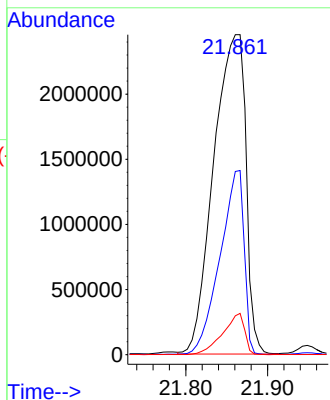
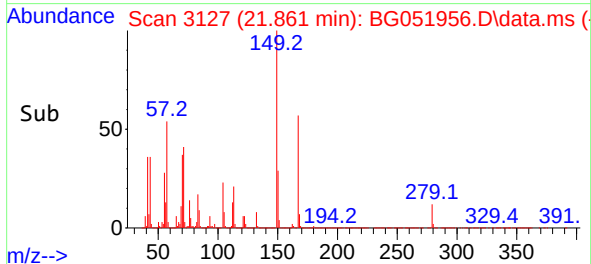
Instrument :
BNA_G
ClientSampleId :
BGLN3



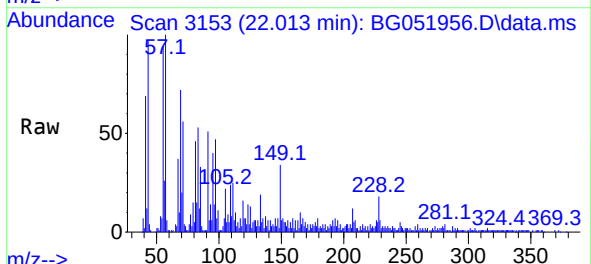
Tgt Ion:149 Resp: 6710728
Ion Ratio Lower Upper
149 100
167 57.2 21.1 31.7
279 12.1 2.7 4.1

Manual Integrations
APPROVED

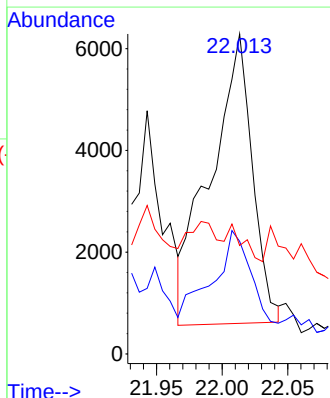
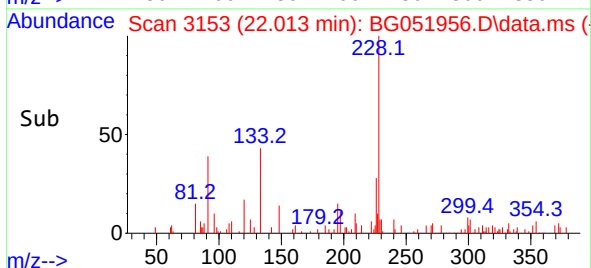
Reviewed By :Jagrut Upadhyay 01/13/2022
Supervised By :mohammad ahmed 01/18/2022

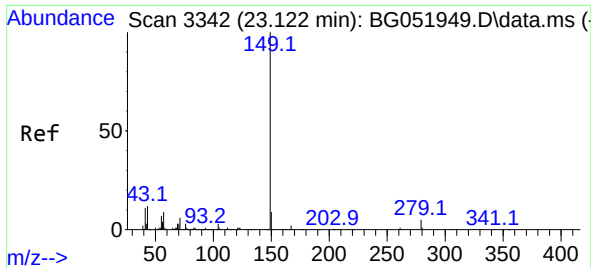


#87
Chrysene
Concen: 1.183 ng/ul
RT: 22.013 min Scan# 3153
Delta R.T. 0.008 min
Lab File: BG051956.D
Acq: 12 Jan 2022 21:37



Tgt Ion:228 Resp: 12652
Ion Ratio Lower Upper
228 100
226 35.2 24.8 37.2
229 33.9 15.8 23.6





#89

Di-n-octyl phthalate

Concen: 87.378 ng/ul

RT: 23.141 min Scan# 31

Delta R.T. 0.020 min

Lab File: BG051956.D

Acq: 12 Jan 2022 21:37

Instrument :

BNA_G

ClientSampleId :

BGLN3

Tgt Ion:149 Resp: 849154

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2022
Supervised By :mohammad ahmed 01/18/2022

