

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011522\
 Data File : BG052010.D
 Acq On : 16 Jan 2022 00:35
 Operator : CG/JU
 Sample : N1100-15DL2 20X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLS8DL2

Quant Time: Jan 17 04:04:27 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2022
 Supervised By :mohammad ahmed 01/21/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.247	152	25095	20.000	ng/u1	0.00
20) Naphthalene-d8	11.096	136	107004	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.891	164	76902	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.641	188	153207	20.000	ng/u1	0.00
79) Chrysene-d12	21.964	240	140510	20.000	ng/u1	# 0.00
88) Perylene-d12	25.459	264	149523	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.384	99	3584	1.459	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.566	67	5605m	3.595	ng/u1	0.00
11) 2-Chlorophenol-d4	7.772	132	1998	1.229	ng/u1	0.00
15) 4-Methylphenol-d8	8.911	113	10624m	5.564	ng/u1	-0.04
21) Nitrobenzene-d5	9.452	128	2456m	2.905	ng/u1	0.03
24) 2-Nitrophenol-d4	10.157	143	1214	1.298	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.709	165	2739	1.499	ng/u1	0.00
31) 4-Chloroaniline-d4	11.202	131	28470	11.185	ng/u1	-0.01
46) Dimethylphthalate-d6	14.280	166	9132	1.437	ng/u1	0.00
49) Acenaphthylene-d8	14.586	160	10432	1.359	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.884	176	8112	1.464	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.978	200	826	0.855	ng/u1	0.00
73) Anthracene-d10	17.740	188	12710	1.749	ng/u1	0.00
81) Pyrene-d10	20.020	212	12004	1.484	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.213	264	11296	1.435	ng/u1	0.02
Target Compounds					Qvalue	
26) 2,4-Dimethylphenol	10.298	107	6172m	2.768	ng/u1	
30) Naphthalene	11.173	128	5429899	936.453	ng/u1#	80
36) 2-Methylnaphthalene	12.741	142	908085	219.862	ng/u1	99
37) 1-Methylnaphthalene	12.953	142	390620	92.153	ng/u1	98
43) 1,1'-Biphenyl	13.722	154	144209	24.291	ng/u1	96
50) Acenaphthylene	14.615	152	11730	1.551	ng/u1#	54
52) Acenaphthene	14.956	153	92855	18.470	ng/u1	96
56) Dibenzofuran	15.285	168	112946	15.469	ng/u1	94
61) Fluorene	15.937	166	61353	10.084	ng/u1	98
72) Phenanthrene	17.682	178	106988	13.327	ng/u1	96
74) Anthracene	17.776	178	18781m	2.337	ng/u1	
80) Fluoranthene	19.685	202	28409	3.040	ng/u1#	92
82) Pyrene	20.049	202	27286	2.966	ng/u1#	93
83) Butylbenzylphthalate	20.918	149	219993	68.705	ng/u1#	93
86) Bis(2-ethylhexyl)phtha...	21.858	149	5086799	1086.271	ng/u1#	61
89) Di-n-octyl phthalate	23.133	149	364941	44.184	ng/u1	100

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

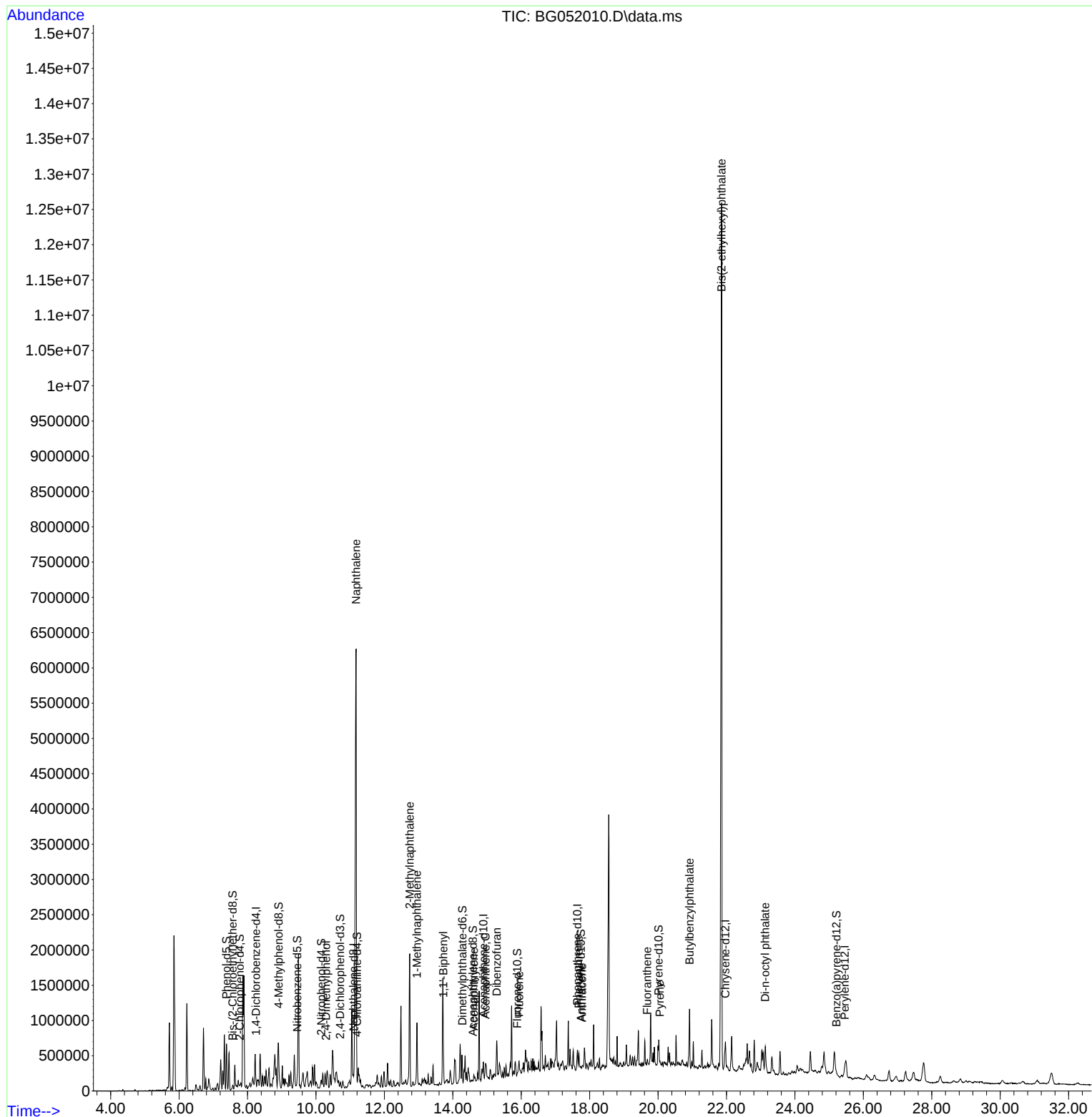
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011522\
Data File : BG052010.D
Acq On : 16 Jan 2022 00:35
Operator : CG/JU
Sample : N1100-15DL2 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

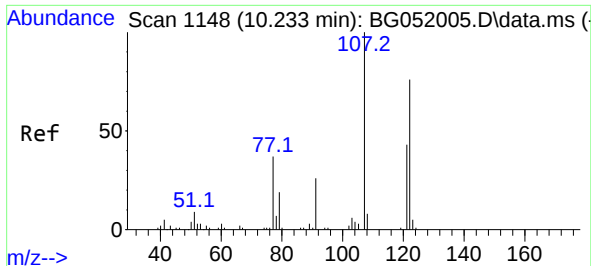
Instrument :
BNA_G
ClientSampleId :
BGLS8DL2

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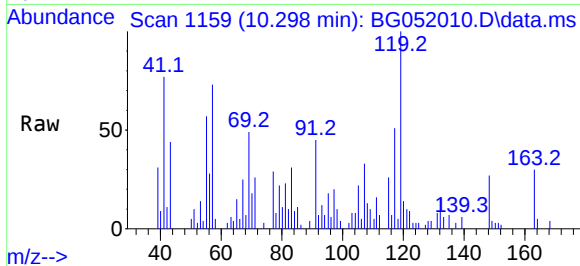
Quant Time: Jan 17 04:04:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration





#26
2,4-Dimethylphenol
Concen: 2.768 ng/ul m
RT: 10.298 min Scan# 1148
Delta R.T. 0.065 min
Lab File: BG052010.D
Acq: 16 Jan 2022 00:35

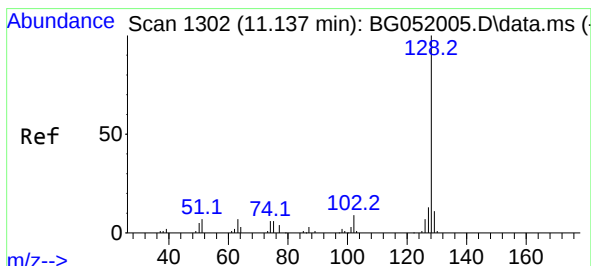
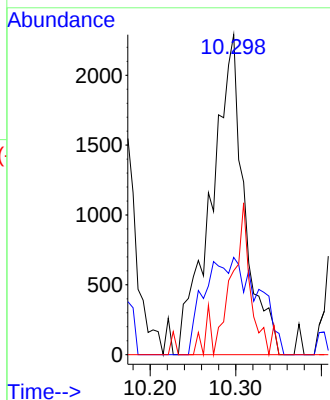
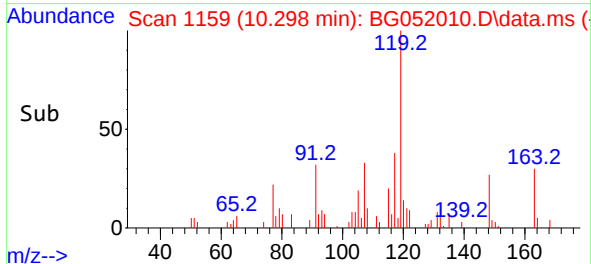
Instrument :
BNA_G
ClientSampleId :
BGLS8DL2



Tgt Ion:107 Resp: 6172
Ion Ratio Lower Upper
107 100
121 30.4 39.3 58.9#
122 26.2 63.7 95.5#

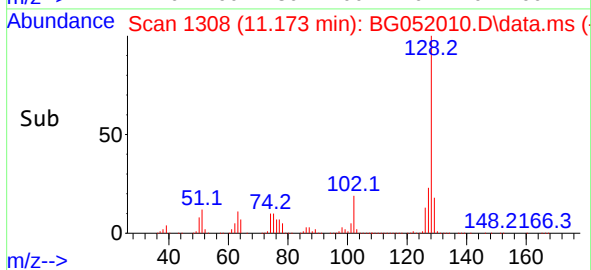
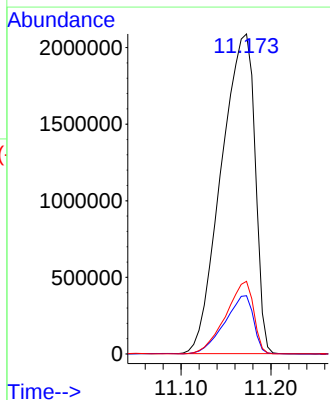
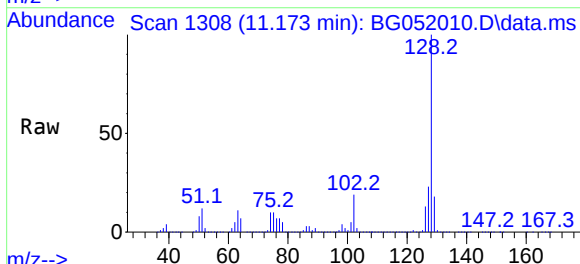
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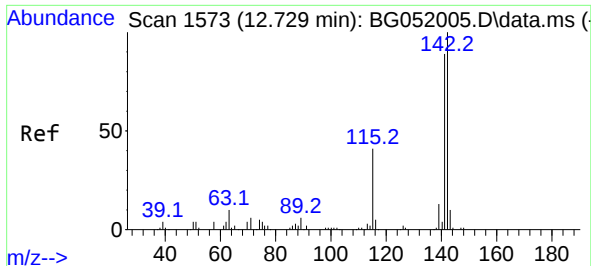
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/21/2022



#30
Naphthalene
Concen: 936.453 ng/ul
RT: 11.173 min Scan# 1308
Delta R.T. 0.030 min
Lab File: BG052010.D
Acq: 16 Jan 2022 00:35

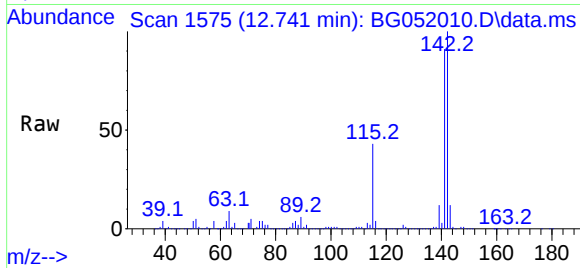
Tgt Ion:128 Resp: 5429899
Ion Ratio Lower Upper
128 100
129 18.2 8.5 12.7#
127 22.7 11.8 17.6#





#36
2-Methylnaphthalene
Concen: 219.862 ng/ul
RT: 12.741 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG052010.D
Acq: 16 Jan 2022 00:35

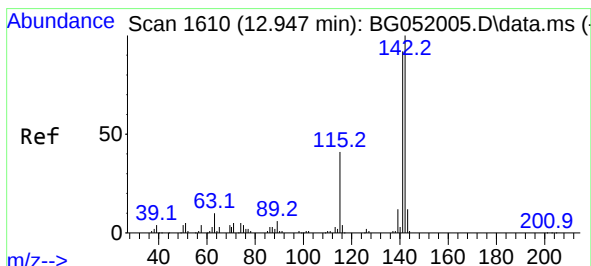
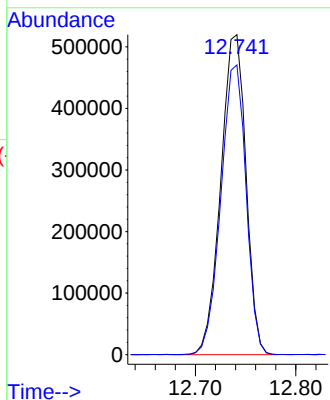
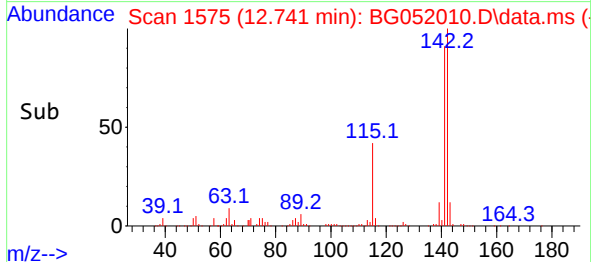
Instrument :
BNA_G
ClientSampleId :
BGLS8DL2



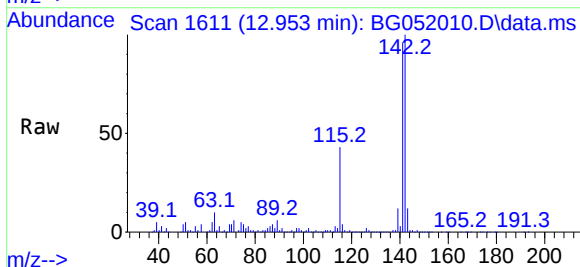
Tgt Ion:142 Resp: 90808
Ion Ratio Lower Upper
142 100
141 90.6 73.3 109.9

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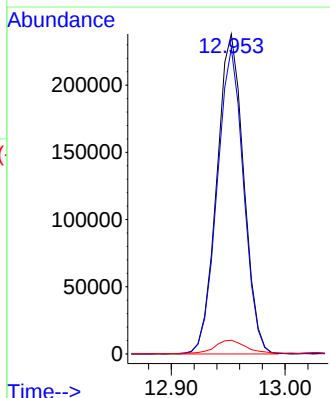
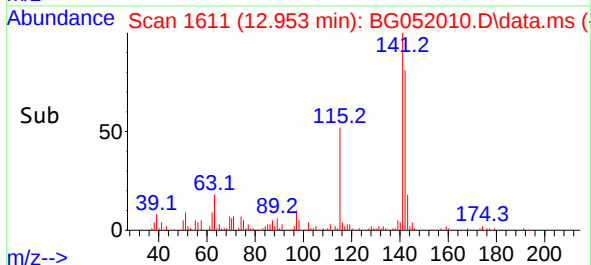
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/21/2022

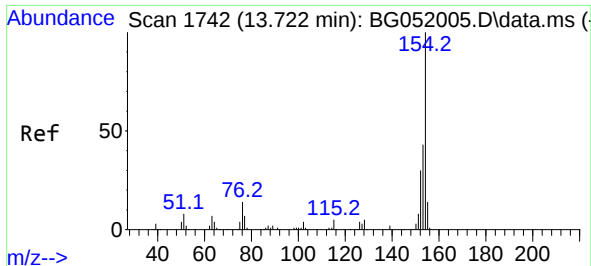


#37
1-Methylnaphthalene
Concen: 92.153 ng/ul
RT: 12.953 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BG052010.D
Acq: 16 Jan 2022 00:35



Tgt Ion:142 Resp: 390620
Ion Ratio Lower Upper
142 100
141 95.5 77.8 116.8
116 4.3 3.3 4.9





#43

1,1'-Biphenyl

Concen: 24.291 ng/ul

RT: 13.722 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG052010.D

Acq: 16 Jan 2022 00:35

Instrument :

BNA_G

ClientSampleId :

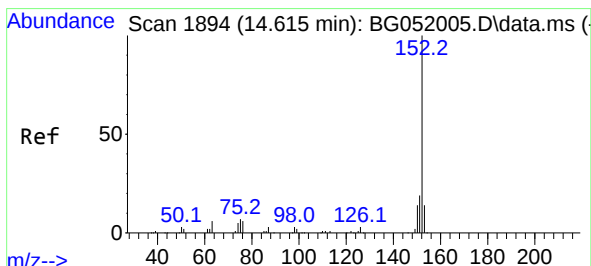
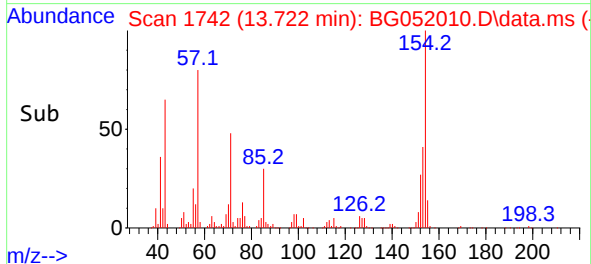
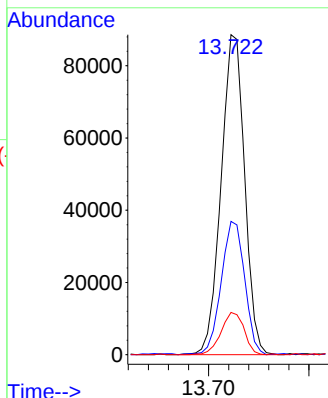
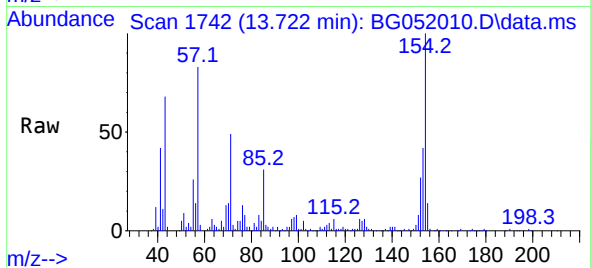
BGLS8DL2

Tgt Ion:154 Resp: 144209
 Ion Ratio Lower Upper
 154 100
 153 41.7 34.5 51.7
 76 13.2 13.1 19.7

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#50

Acenaphthylene

Concen: 1.551 ng/ul

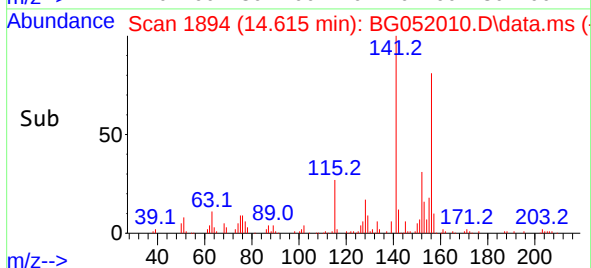
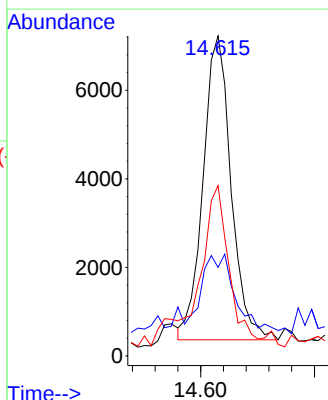
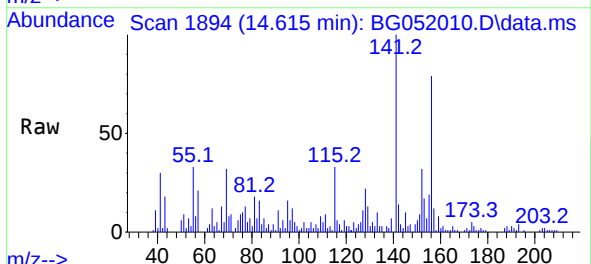
RT: 14.615 min Scan# 1894

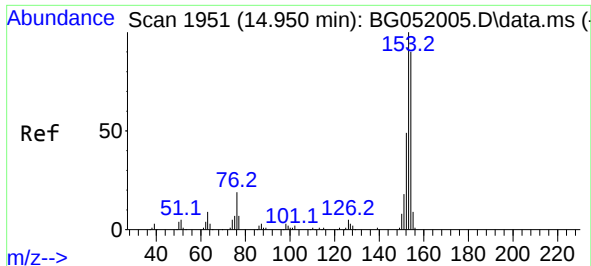
Delta R.T. 0.000 min

Lab File: BG052010.D

Acq: 16 Jan 2022 00:35

Tgt Ion:152 Resp: 11730
 Ion Ratio Lower Upper
 152 100
 151 27.7 17.4 26.0#
 153 53.2 10.3 15.5#





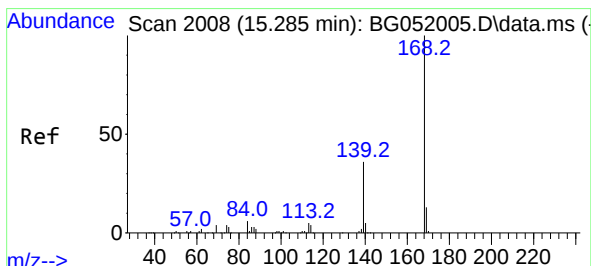
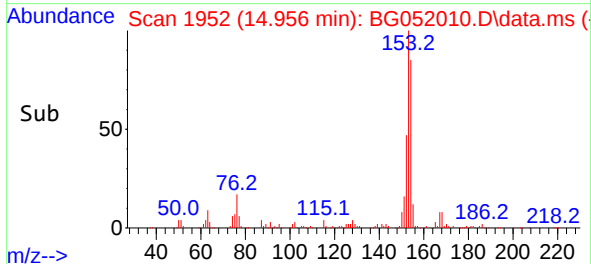
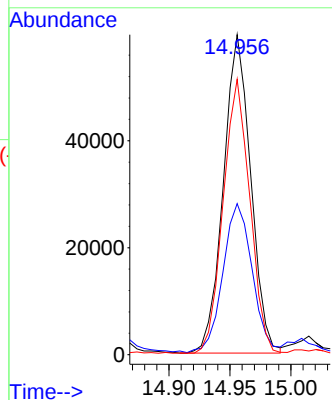
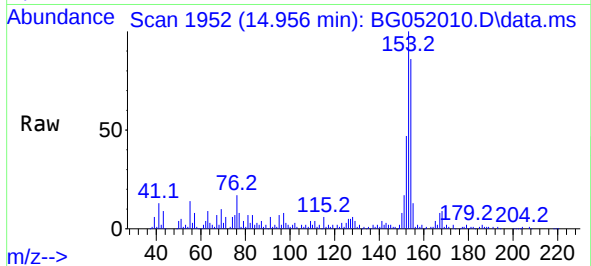
#52
Acenaphthene
Concen: 18.470 ng/u1
RT: 14.956 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BG052010.D
Acq: 16 Jan 2022 00:35

Instrument :
BNA_G
ClientSampleId :
BGLS8DL2

Tgt Ion:153 Resp: 9285
Ion Ratio Lower Upper
153 100
152 47.2 36.5 54.7
154 86.1 65.8 98.6

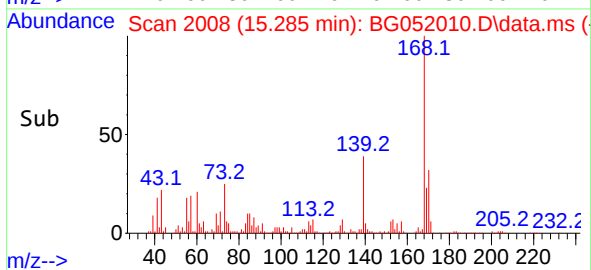
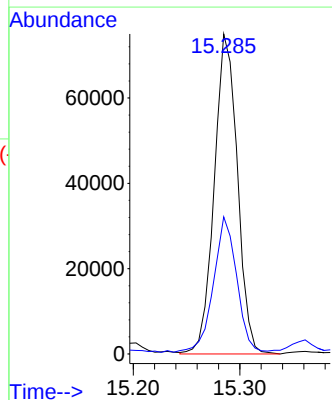
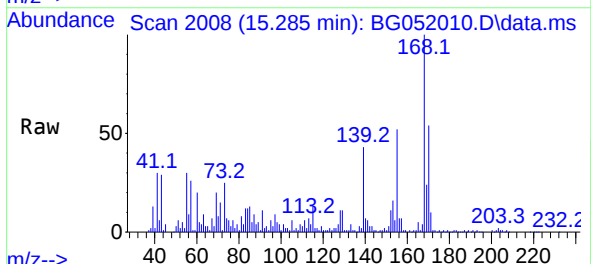
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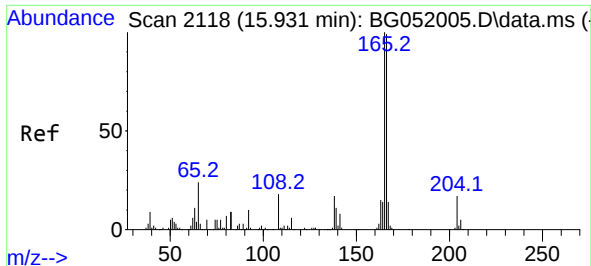
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/21/2022



#56
Dibenzofuran
Concen: 15.469 ng/u1
RT: 15.285 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BG052010.D
Acq: 16 Jan 2022 00:35

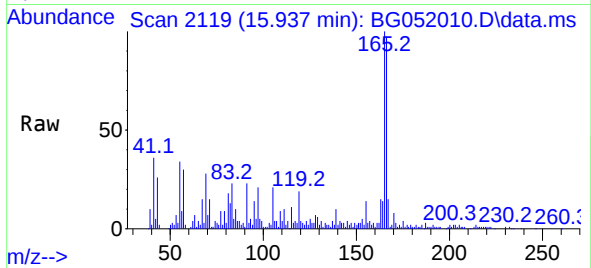
Tgt Ion:168 Resp: 112946
Ion Ratio Lower Upper
168 100
139 42.9 31.2 46.8





#61
Fluorene
Concen: 10.084 ng/u1
RT: 15.937 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BG052010.D
Acq: 16 Jan 2022 00:35

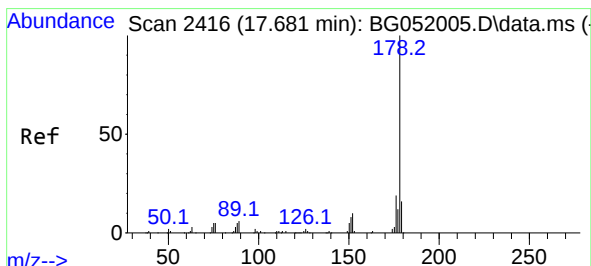
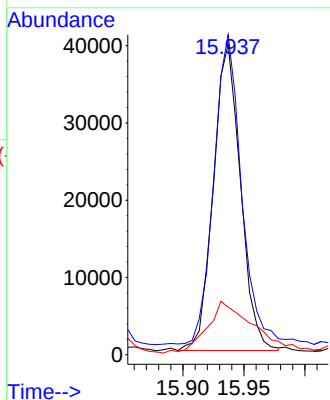
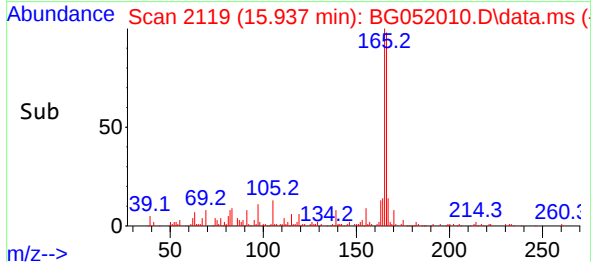
Instrument :
BNA_G
ClientSampleId :
BGLS8DL2



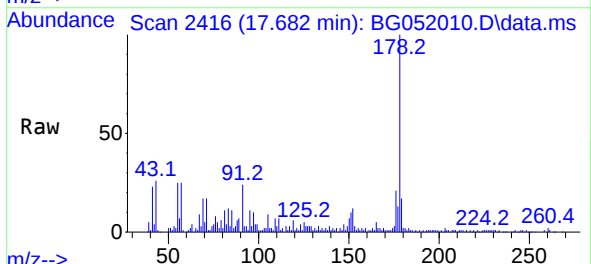
Tgt Ion:166 Resp: 6135
Ion Ratio Lower Upper
166 100
165 103.0 81.0 121.6
167 15.3 11.0 16.4

Manual Integrations
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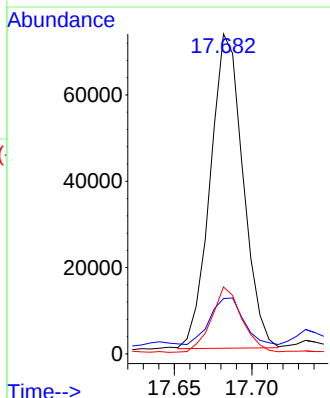
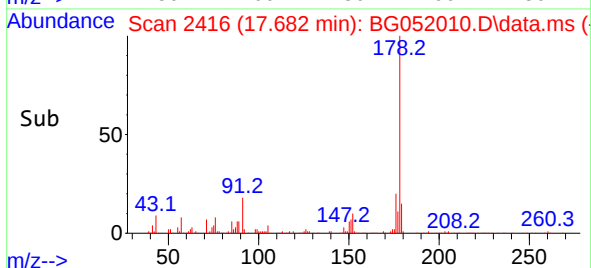
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/21/2022

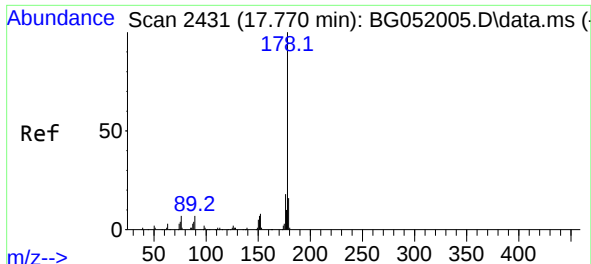


#72
Phenanthrene
Concen: 13.327 ng/u1
RT: 17.682 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BG052010.D
Acq: 16 Jan 2022 00:35



Tgt Ion:178 Resp: 106988
Ion Ratio Lower Upper
178 100
179 17.3 12.3 18.5
176 21.0 15.5 23.3





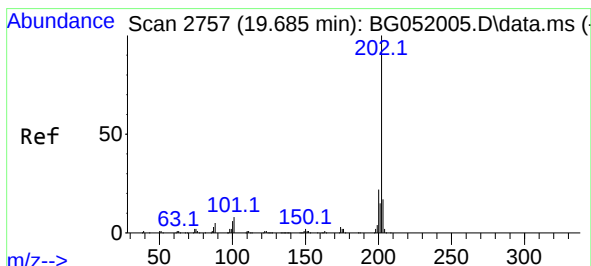
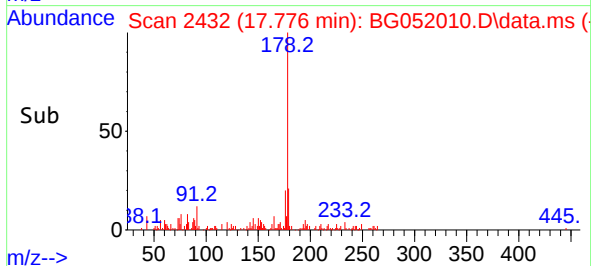
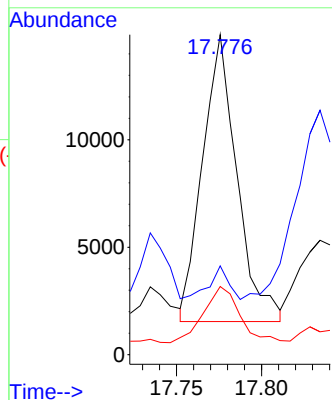
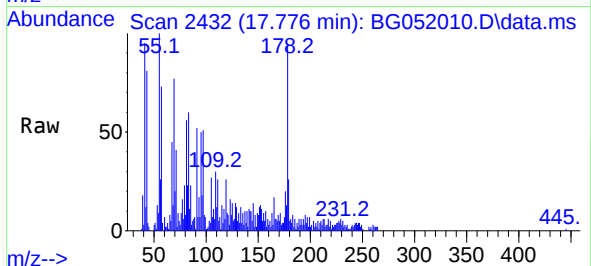
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 Anthracene
 Concen: 2.337 ng/ul m
 RT: 17.776 min Scan# 2431
 Delta R.T. 0.000 min
 Lab File: BG052010.D
 Acq: 16 Jan 2022 00:35

Instrument :
 BNA_G
 ClientSampleId :
 BGLS8DL2

Tgt Ion:178 Resp: 1878
 Ion Ratio Lower Upper
 178 100
 179 27.7 13.0 19.6
 176 21.3 15.6 23.4

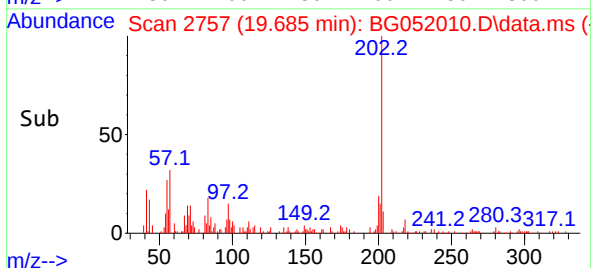
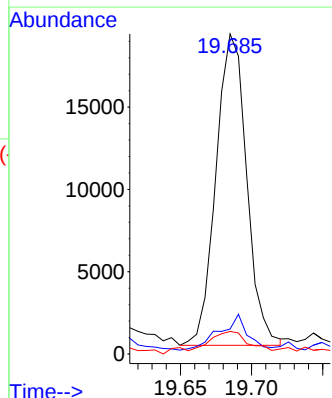
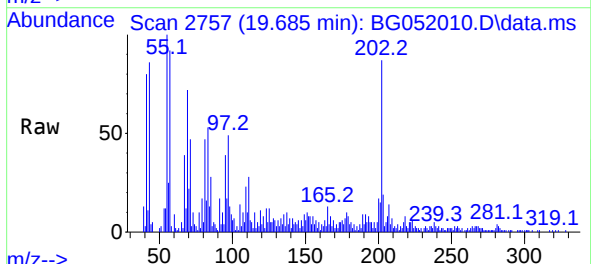
Manual Integrations
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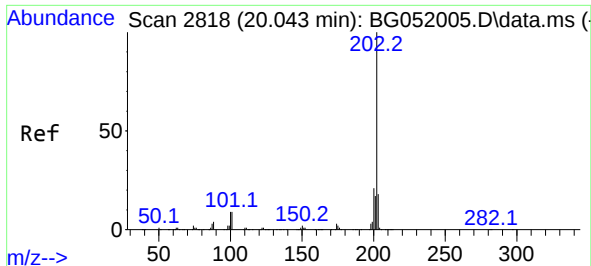
Reviewed By :Jagrut Upadhyay 01/17/2022
 Supervised By :mohammad ahmed 01/21/2022



#80
 Fluoranthene
 Concen: 3.040 ng/ul
 RT: 19.685 min Scan# 2757
 Delta R.T. 0.006 min
 Lab File: BG052010.D
 Acq: 16 Jan 2022 00:35

Tgt Ion:202 Resp: 28409
 Ion Ratio Lower Upper
 202 100
 101 7.8 9.3 13.9
 100 7.1 7.0 10.6





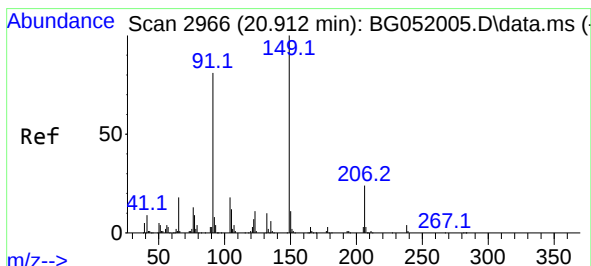
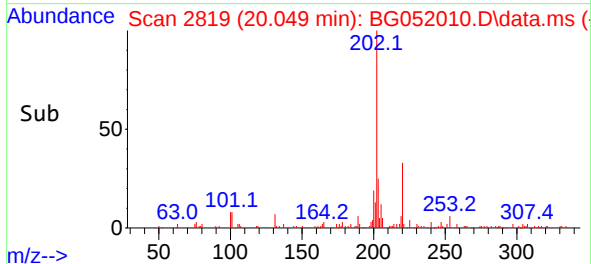
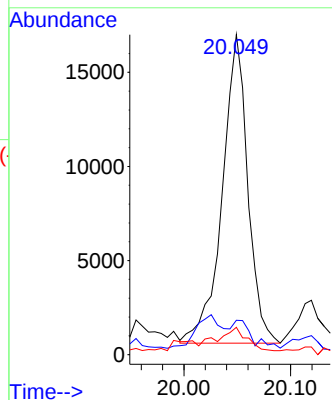
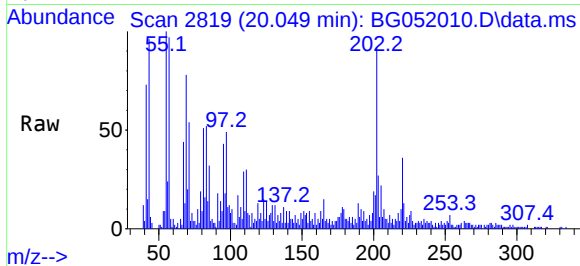
#82
Pyrene
Concen: 2.966 ng/u1
RT: 20.049 min Scan# 2818
Delta R.T. 0.006 min
Lab File: BG052010.D
Acq: 16 Jan 2022 00:35

Instrument :
BNA_G
ClientSampleId :
BGLS8DL2

Tgt Ion:202 Resp: 27280
Ion Ratio Lower Upper
202 100
101 10.8 10.7 16.1
100 8.6 9.0 13.6

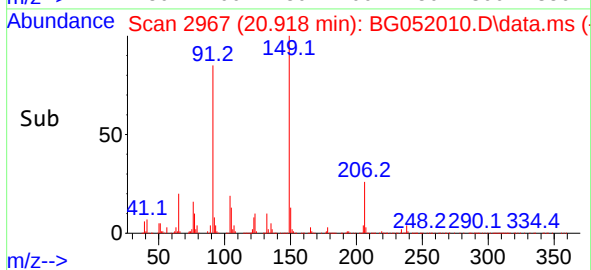
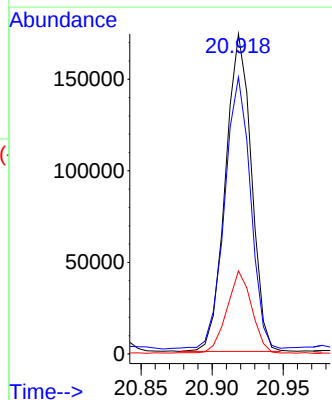
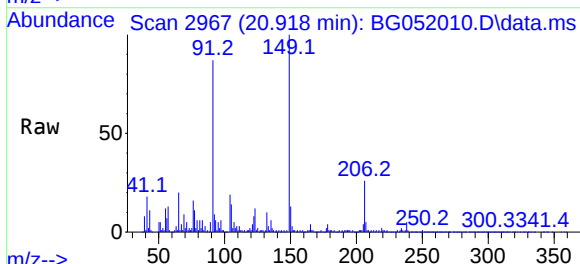
Manual Integrations
APPROVED

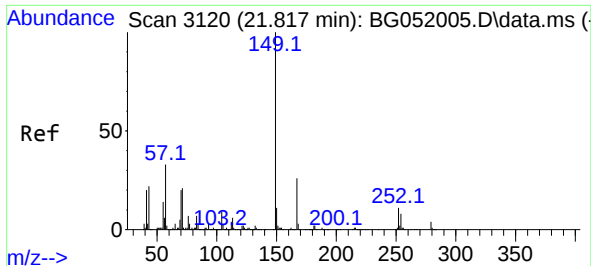
Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/21/2022



#83
Butylbenzylphthalate
Concen: 68.705 ng/u1
RT: 20.918 min Scan# 2967
Delta R.T. 0.006 min
Lab File: BG052010.D
Acq: 16 Jan 2022 00:35

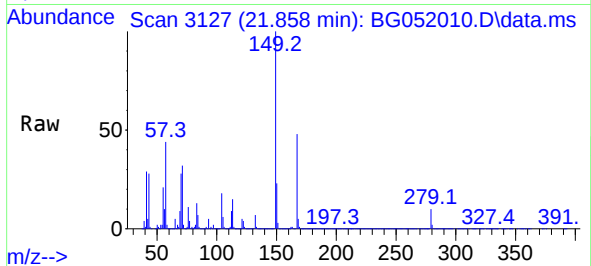
Tgt Ion:149 Resp: 219993
Ion Ratio Lower Upper
149 100
91 86.5 65.2 97.8
206 25.9 16.2 24.2#





#86
Bis(2-ethylhexyl)phthalate
Concen: 1086.271 ng/ul
RT: 21.858 min Scan# 3127
Delta R.T. 0.042 min
Lab File: BG052010.D
Acq: 16 Jan 2022 00:35

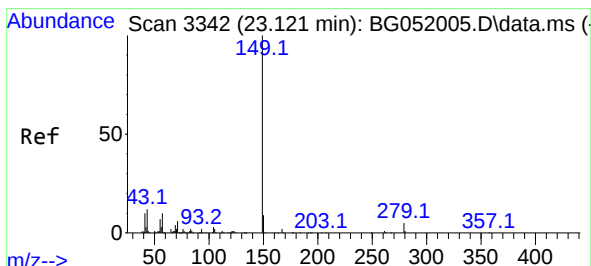
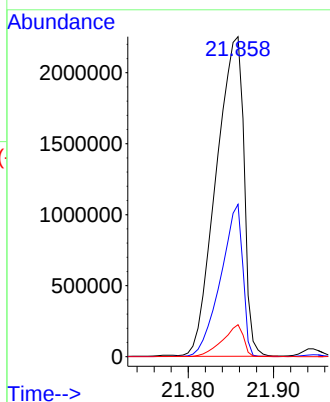
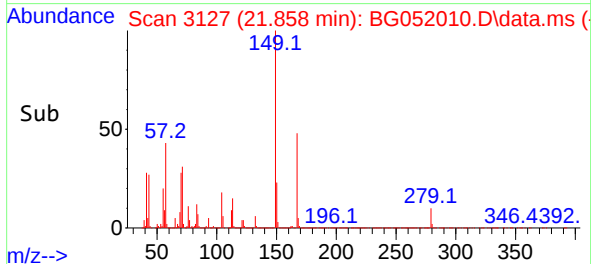
Instrument :
BNA_G
ClientSampleId :
BGLS8DL2



Tgt Ion:149 Resp: 5086799
Ion Ratio Lower Upper
149 100
167 47.6 21.1 31.7
279 10.0 2.7 4.1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/21/2022



#89
Di-n-octyl phthalate
Concen: 44.184 ng/ul
RT: 23.133 min Scan# 3344
Delta R.T. 0.012 min
Lab File: BG052010.D
Acq: 16 Jan 2022 00:35

Tgt Ion:149 Resp: 364941

