

Source of Variation	DF	Extract Yield (%)	Total Carotenoids yield from Extract (%)	Total Carotenoids yield from Seed (%)
Solvent Polarity	2	28.56**	217.46*	5.34**
Error	6	1.08	41.76	0.37
CV	—	18.47	23.82	35.91
Extraction Method	1	466.73**	1148.14*	2.84ns
Error	4	21.47	55.25	1.57
CV	—	25.97	35.52	51.22

Table 1: Influence of solvent polarity and methods of extraction on mean square from the analysis of variance for extract yield and total carotenoids yield.

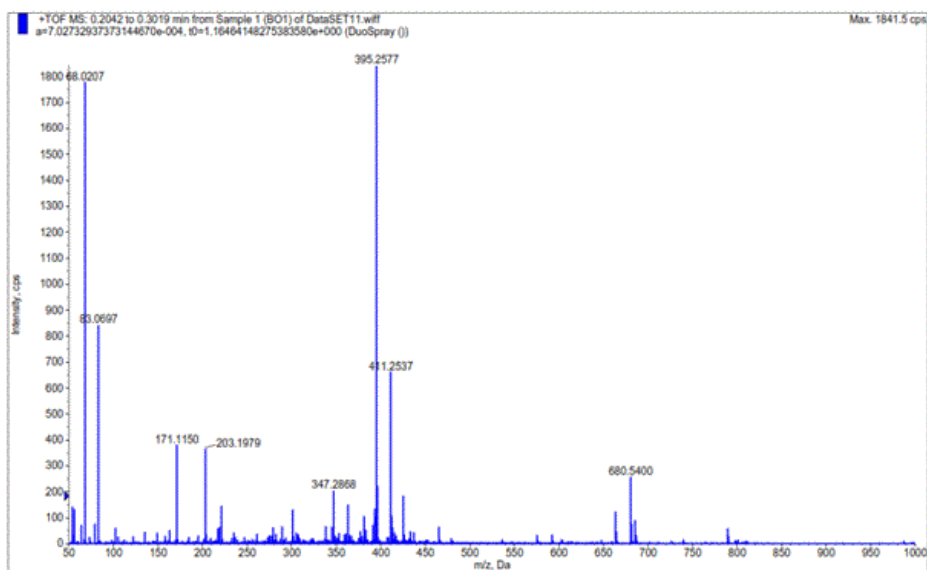


Figure 1: Mass spectrum of compound BO-2.

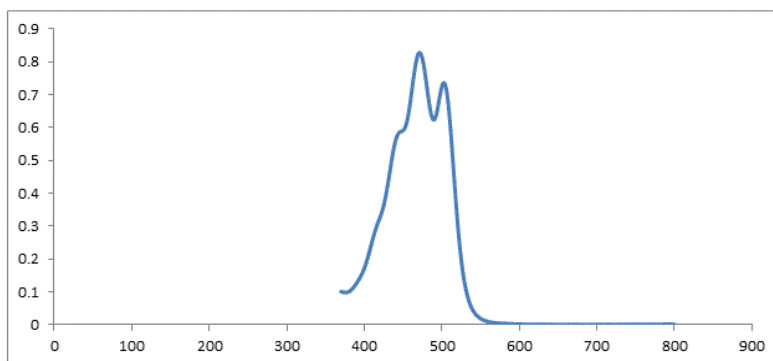


Figure 2: UV-Vis spectrum of compound BO-2.

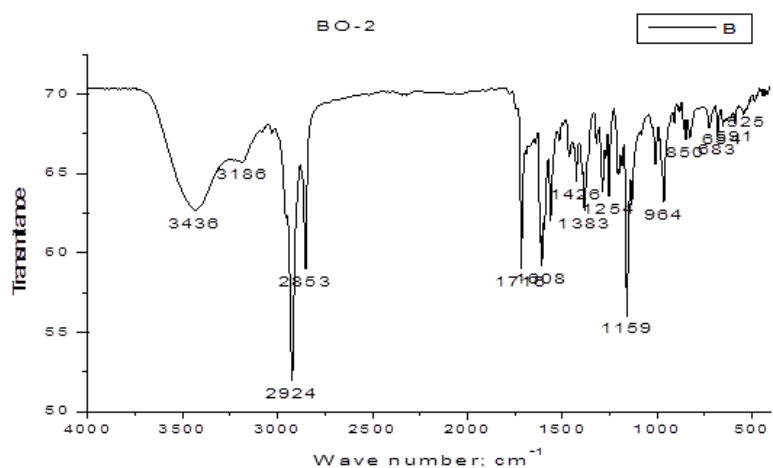


Figure 3: IR spectrum of compound BO-2.

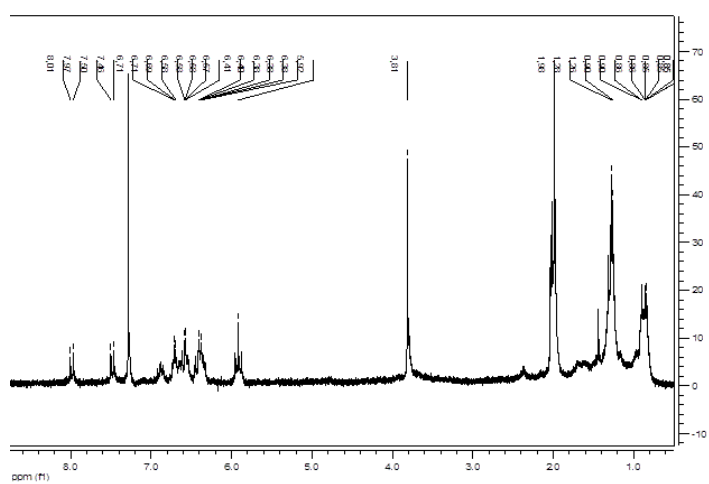


Figure 4: ¹H NMR spectrum of compound BO-2.

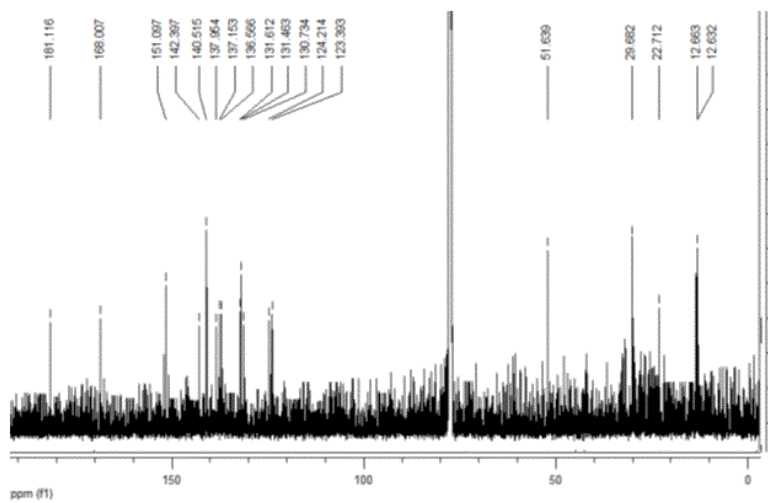


Figure 5: ^{13}C NMR spectrum of compound BO-2.

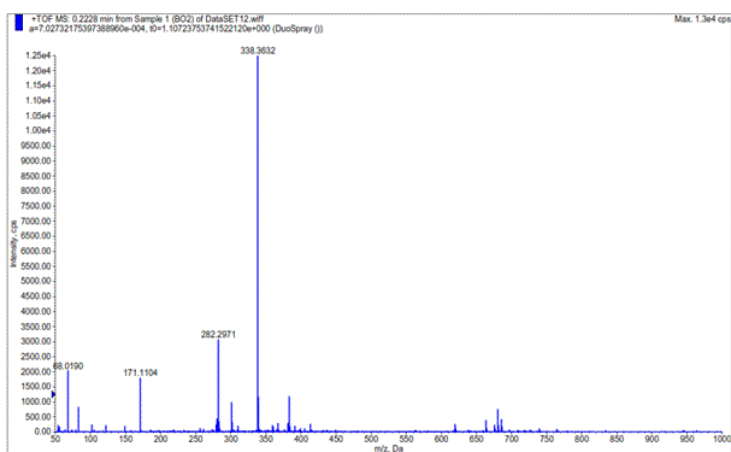


Figure 6: Mass spectrum of compound BO-3.

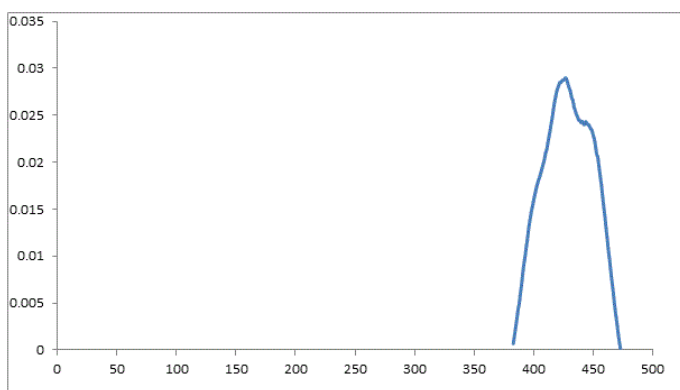


Figure 7: UV-Vis spectrum of compound BO-3.

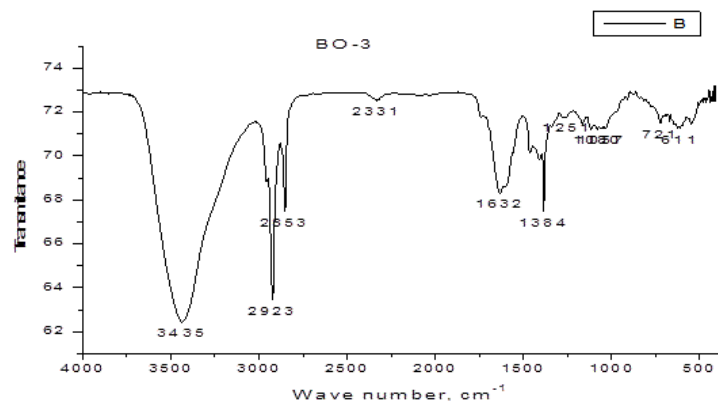


Figure 8: IR spectrum of compound BO-3.

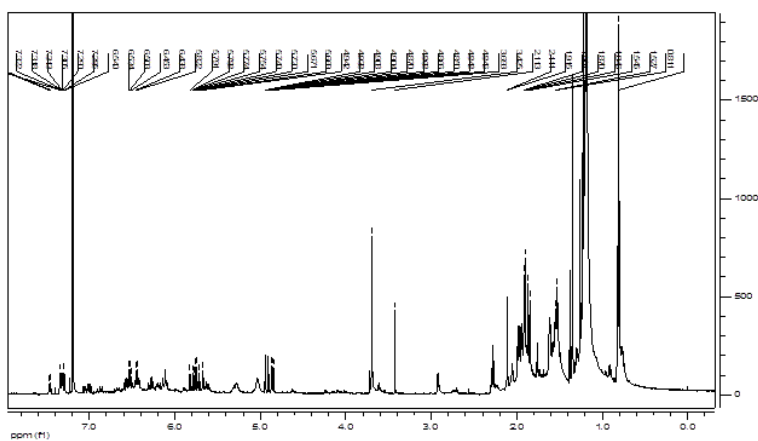


Figure 9: ¹H NMR spectrum of compound BO-3.

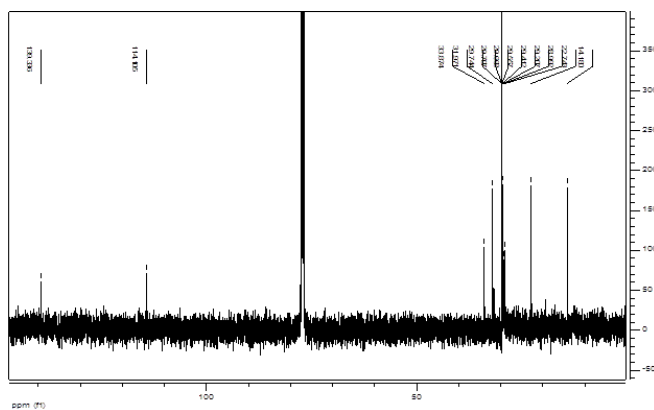


Figure 10: ^{13}C NMR of compound BO-3.