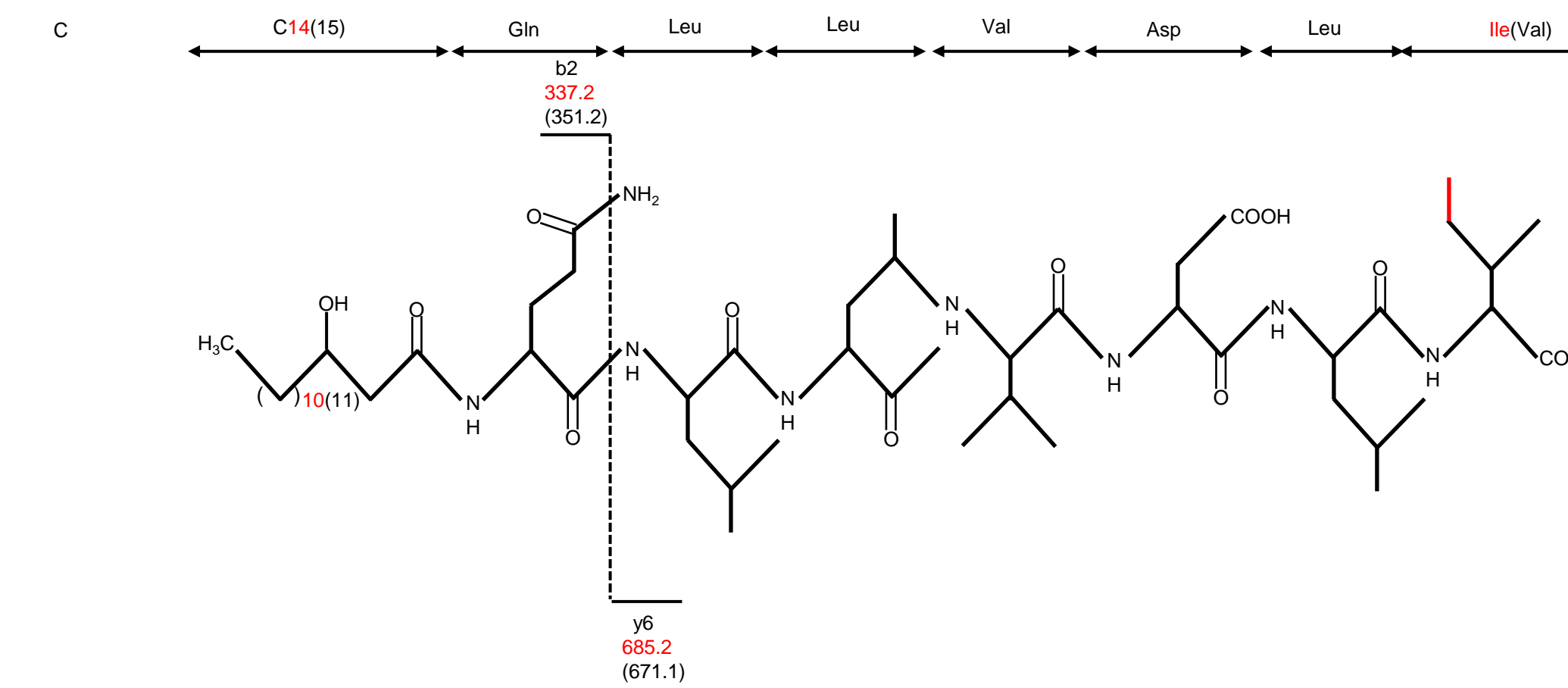
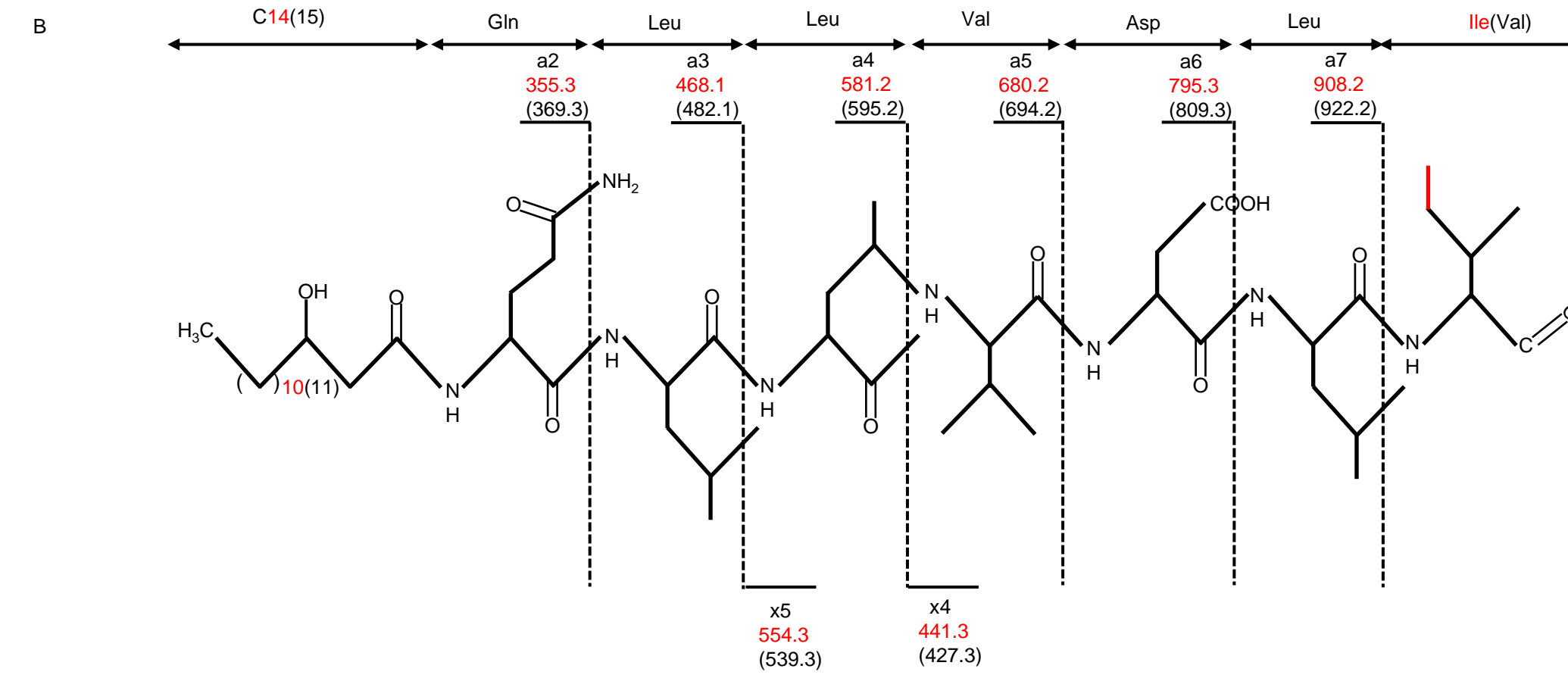
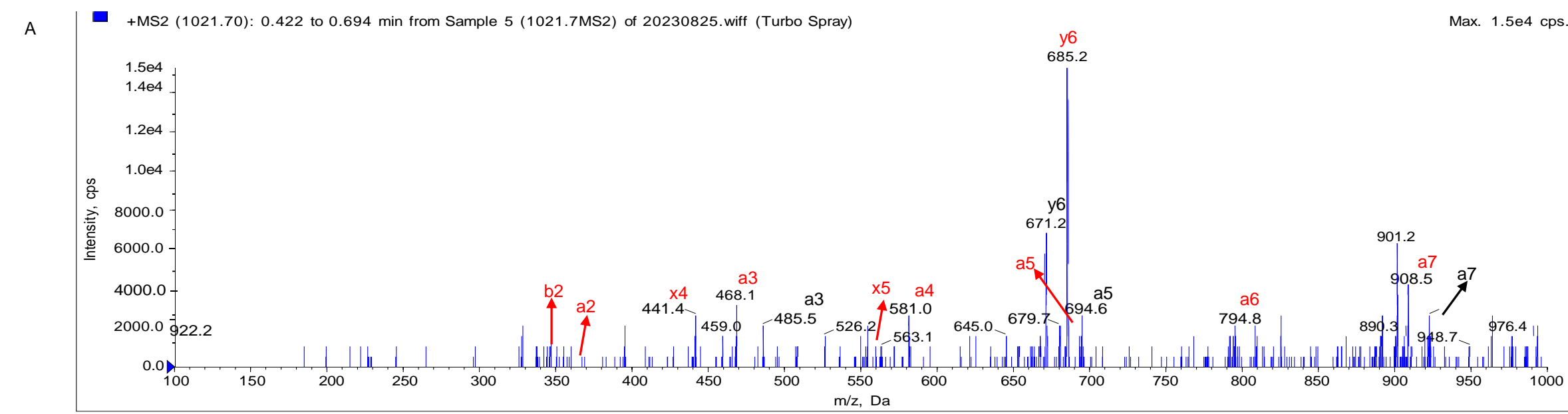


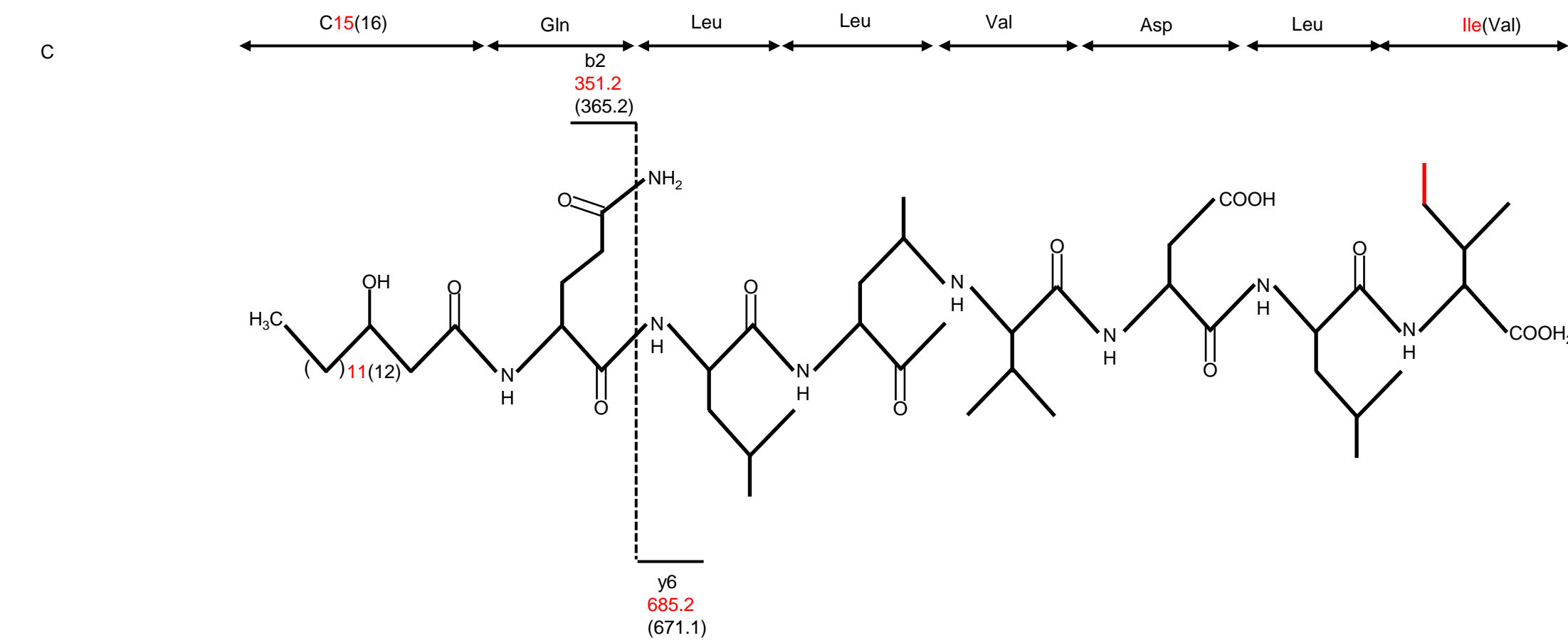
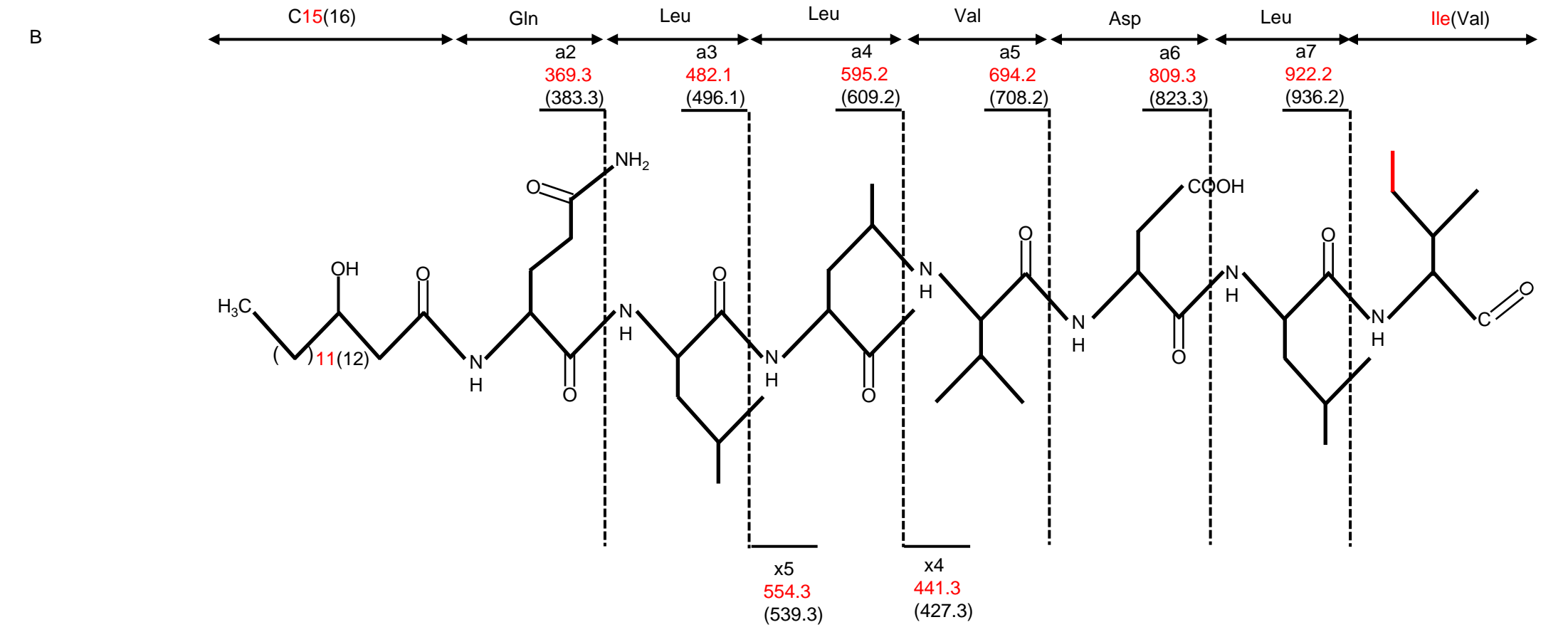
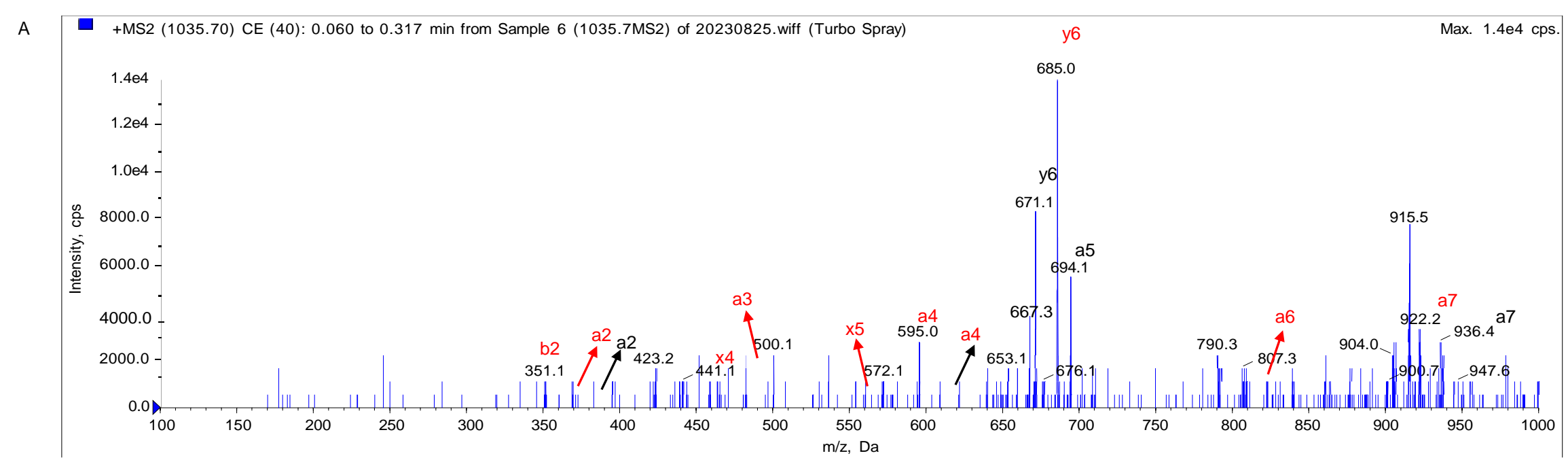
Supplementary Fig. 1



红色字体代表结构是C14-Gln-Leu-Leu-Val-Asp-Leu-Ile；黑色字体表示C15-Gln-Leu-Leu-Val-Asp-Leu-Val
 The fonts highlighted in red represent the structure of C14-Gln-Leu-Leu-Val-Asp-Leu-Ile; Black font represents C15-Gln-Leu-Leu-Val-Asp-Leu-Val

附图1 m/z 为1 021.4离子峰的二级质谱图 (A) 及该离子峰发生简单断裂 (B) 和发生双氢转移断裂 (C) 产生的特征离子碎片理论值
 Supplementary Fig. 1 Secondary mass spectrometry of ion peak with m/z of 1 021.4 (A) and theoretical values of characteristic ion fragments generated by simple cleavage (B) and double hydrogen transfer cleavage (C) of this ion peak

Supplementary Fig. 2



红色字体代表C₁₅-Gln-Leu-Leu-Val-Asp-Leu-Ile; 黑色字体代表C₁₆-Gln-Leu-Leu-Val-Asp-Leu-Val
 The red font represents C₁₅-Gln-Leu-Leu-Val-Asp-Leu-Ile; Black font represents C₁₆-Gln-Leu-Leu-Val-Asp-Leu-Val

附图2 m/z 为1 035.4离子峰的二级质谱图 (A) 及该离子峰发生简单断裂 (B) 和发生双氢转移断裂 (C) 产生的特征离子碎片理论值
 Supplementary Fig. 2 Secondary mass spectrometry of ion peak with m/z of 1 035.4 (A) and theoretical values of characteristic ion fragments generated by simple cleavage (B) and double hydrogen transfer cleavage (C) of this ion peak