

Supporting Information**Synthesis and evaluation of new potential benzo[a]phenoxazinium photosensitizers for anticancer photodynamic therapy**

Juan Zhang^{a,b}, Wellington Tavares de Sousa Júnior^b, Victor Carlos Mello da Silva^b, Mosar Correa Rodrigues^{b,c}, José Athayde Vasconcelos Morais^{b,c}, Jia-Li Song^a, Zhi-Qiang Cheng^a, João Paulo Figueiró Longo^c, Ricardo Bentes Azevedo^c, Cheng-Shi Jiang^{a,*}, Luís Alexandre Muehlmann^{b,*}, Hua Zhang^{a,*}

^a School of Biological Science and Technology, University of Jinan, Jinan 250022, China

^b Faculty of Ceilandia, University of Brasilia, Brasilia 72220275, Brazil

^c Institute of Biological Sciences, University of Brasília, Brasília 70910900, Brazil

*Corresponding authors. E-mail addresses: jiangchengshi-20@163.com (C.-S. Jiang); luisalex@unb.br (L. A. Muehlmann); bio_zhangh@ujn.edu.cn (H. Zhang)

1. Spectra

Figure 1. ^1H spectrum of PS-1

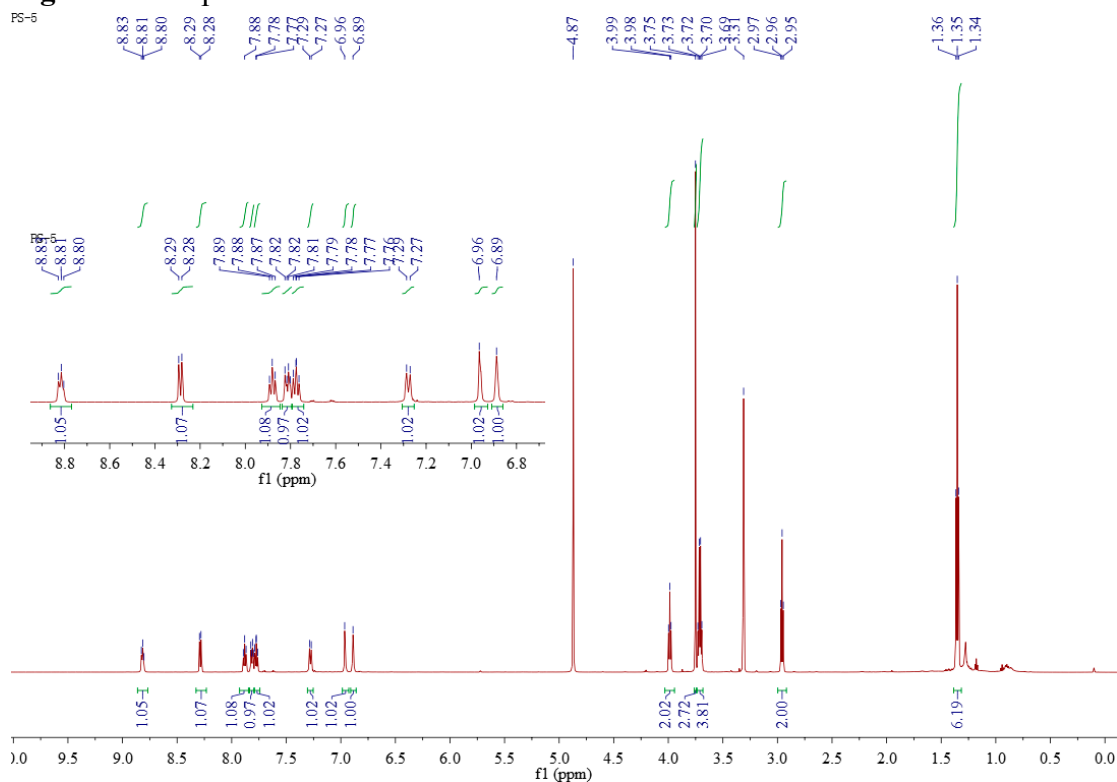


Figure 2. ^{13}C spectrum of PS-1

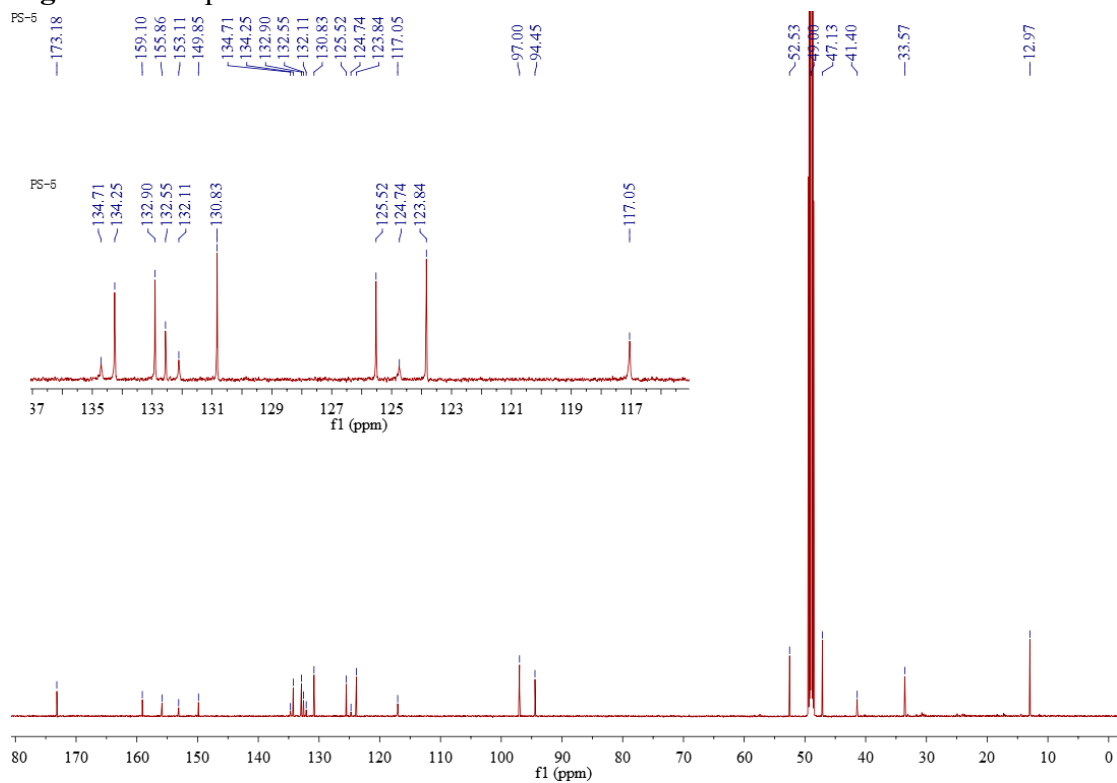


Figure 3. LR-MS spectrum of PS-1

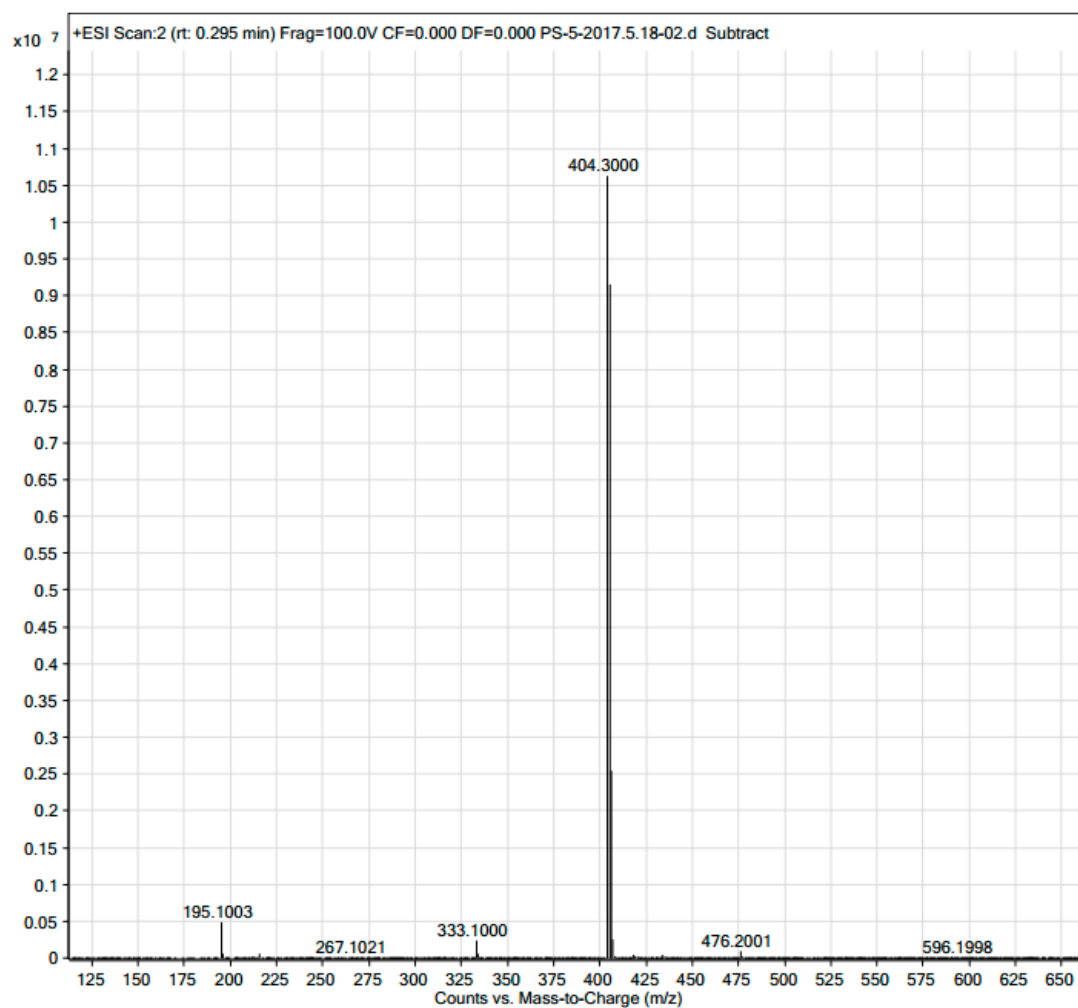


Figure 4. HR-MS spectrum of PS-1

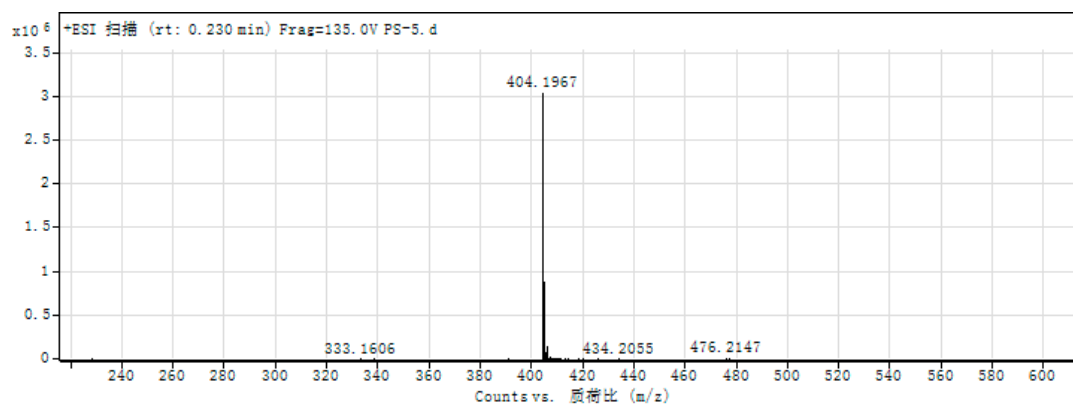
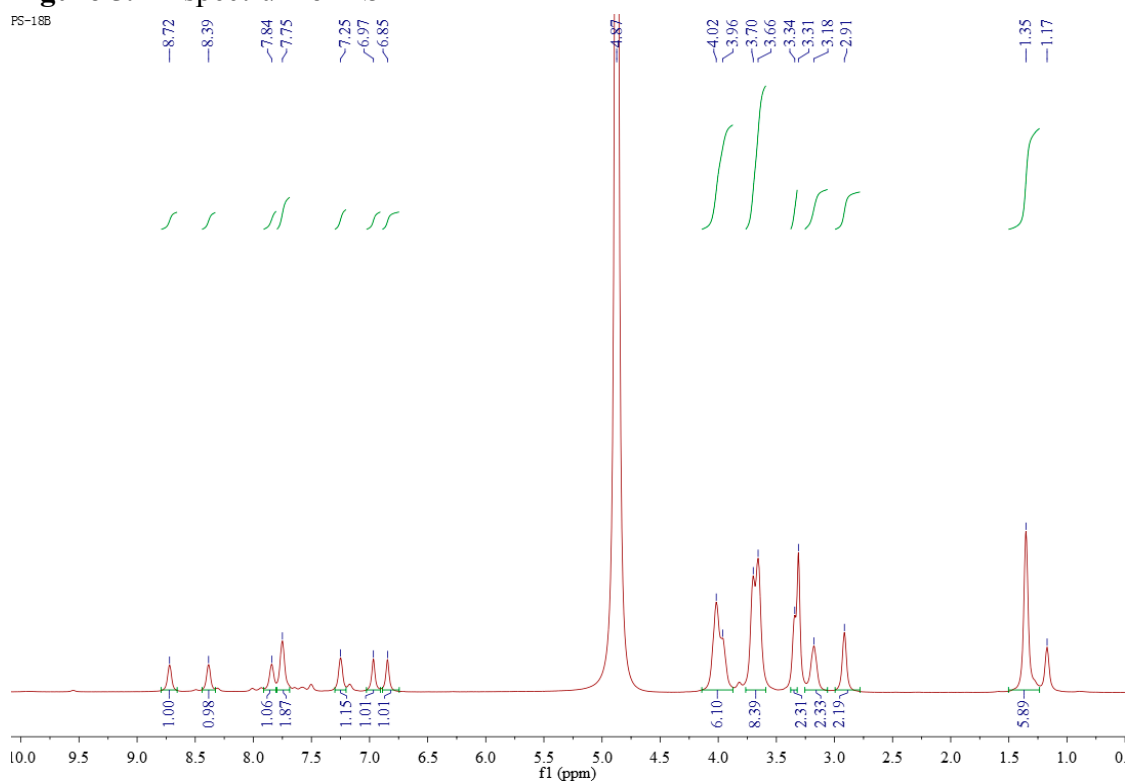
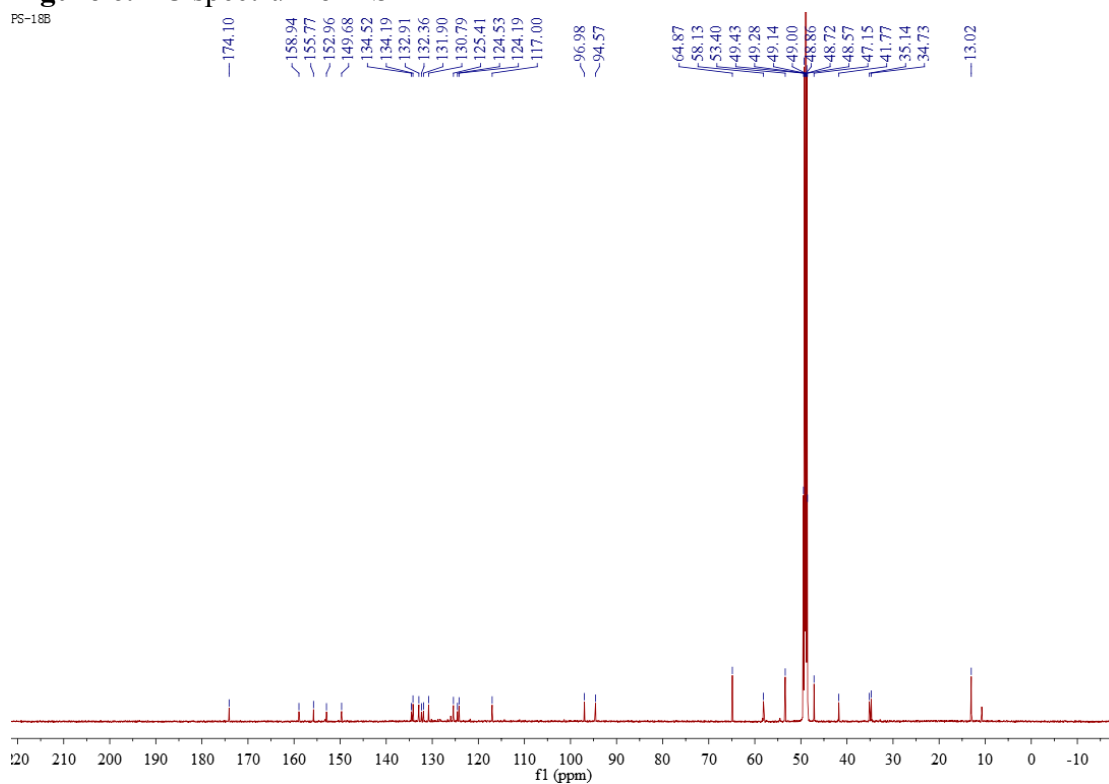


Figure 5. ^1H spectrum of PS-2**Figure 6.** ^{13}C spectrum of PS-2**Figure 7.** LR-MS spectrum of PS-2

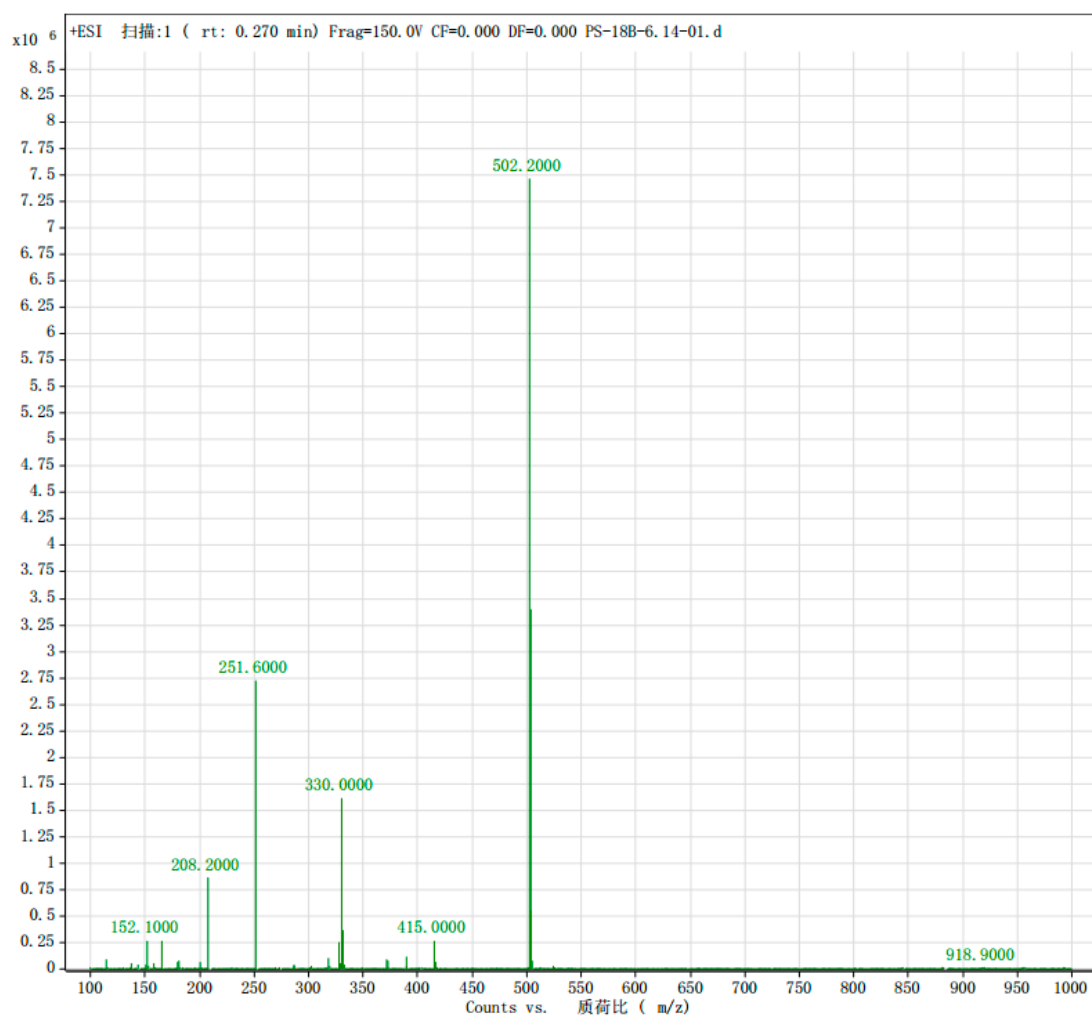
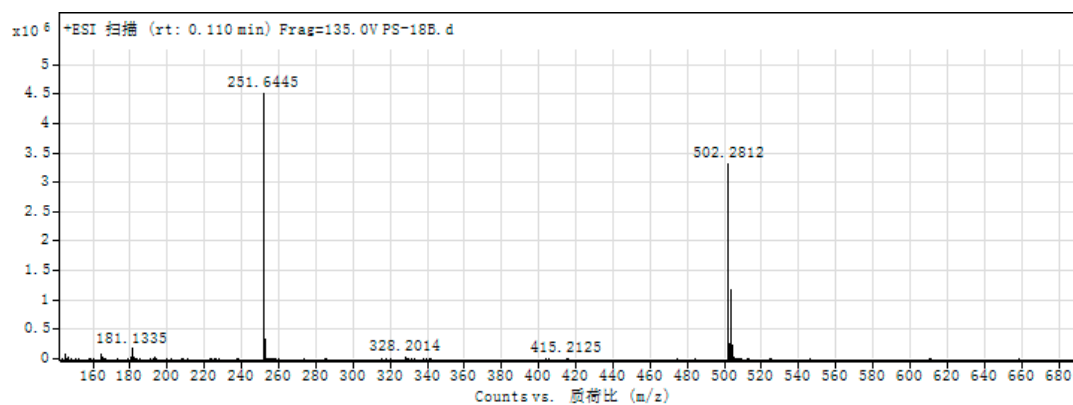
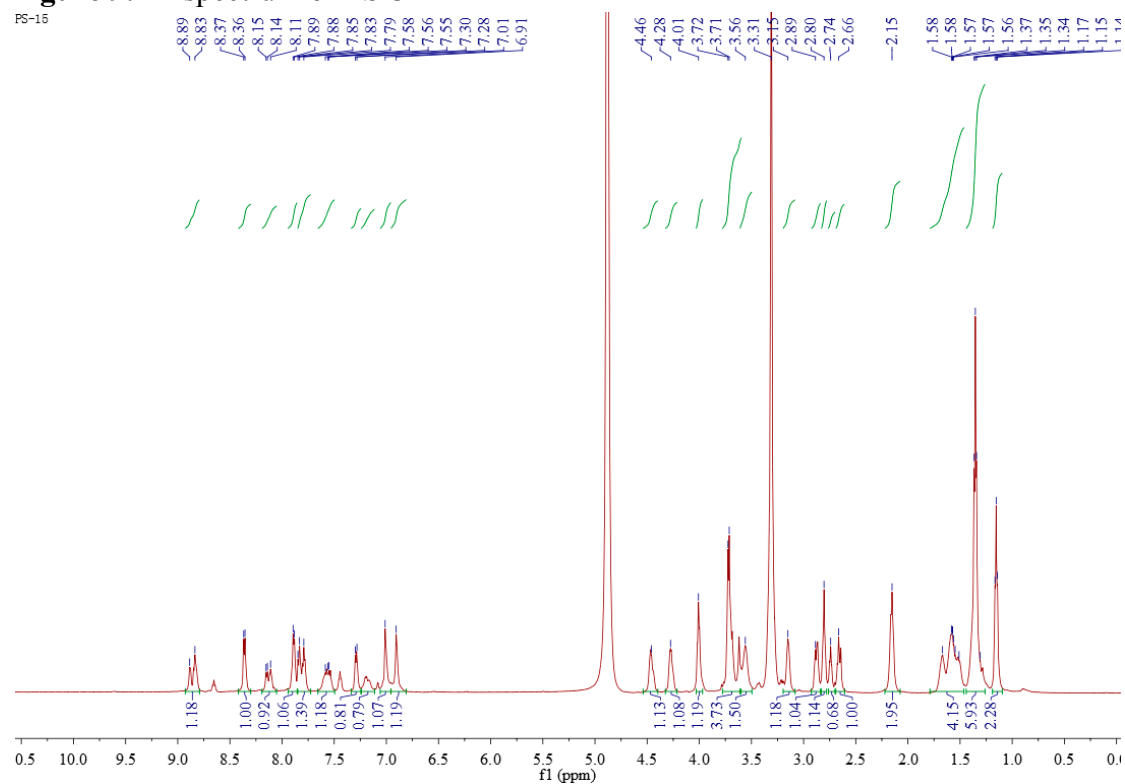
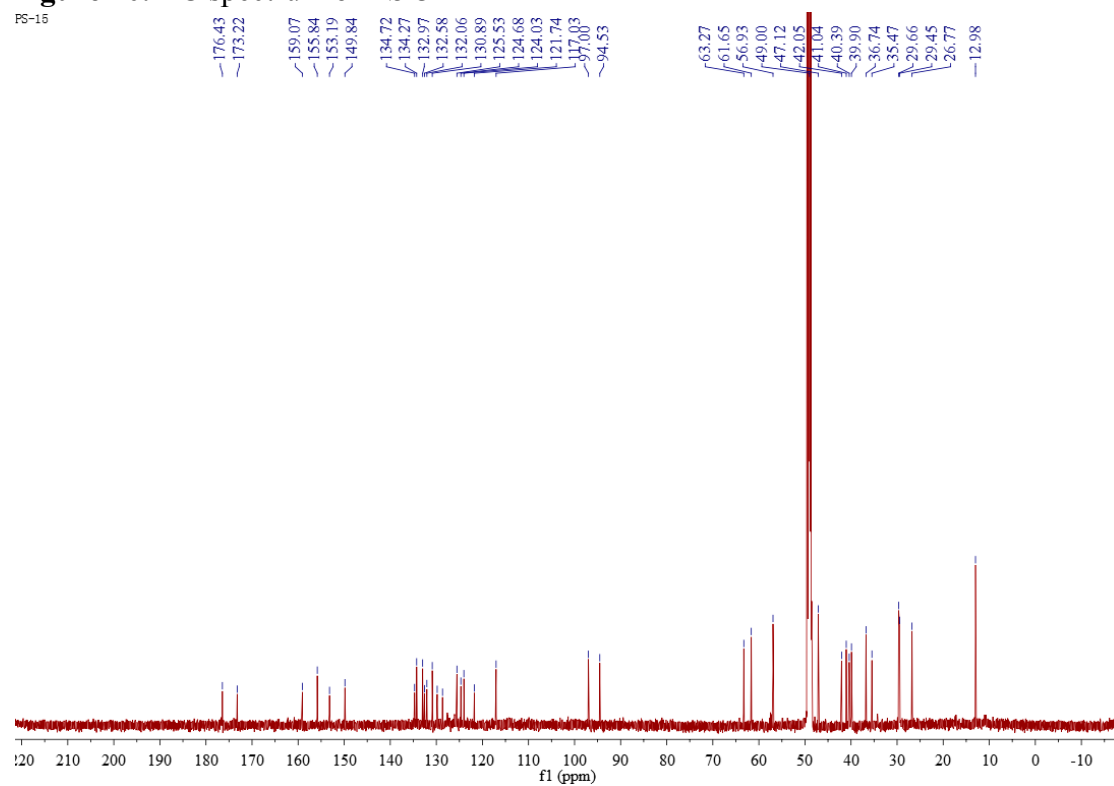
**Figure 8.** HR-MS spectrum of PS-2

Figure 9. ^1H spectrum of PS-3**Figure 10.** ^{13}C spectrum of PS-3**Figure 11.** LR-MS spectrum of PS-3

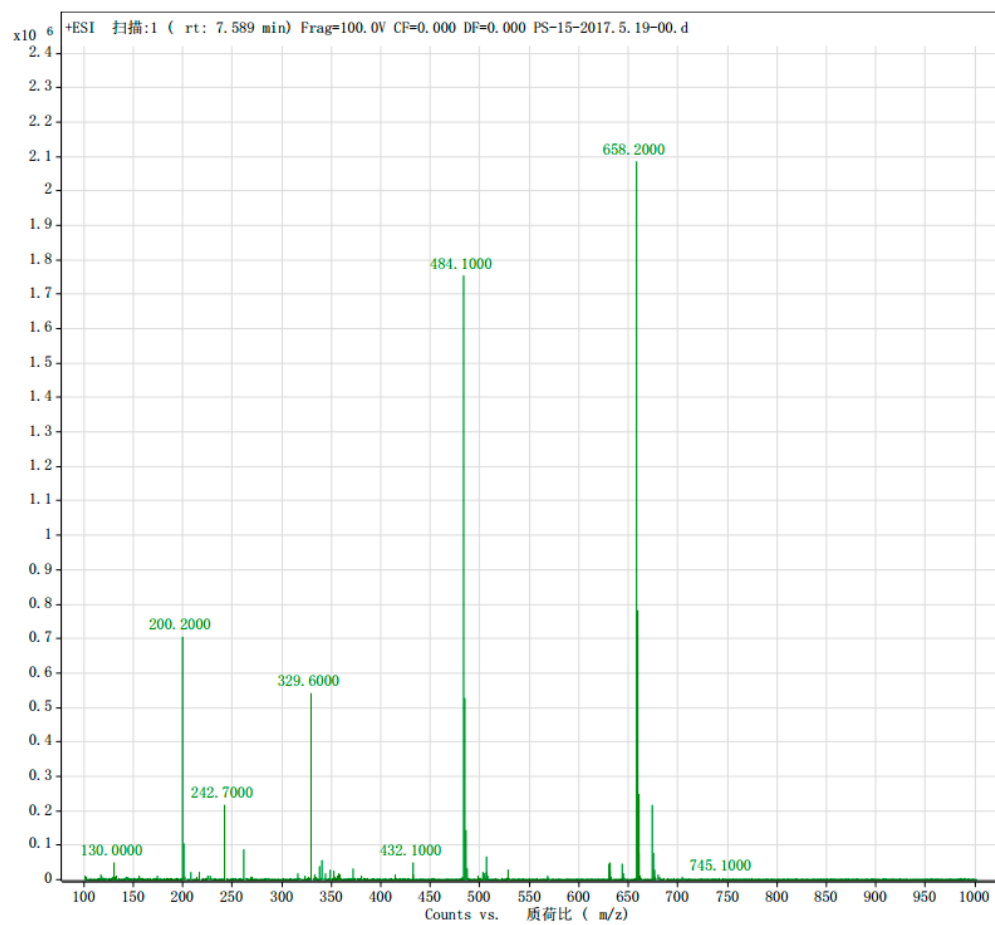


Figure 12. HR-MS spectrum of PS-3

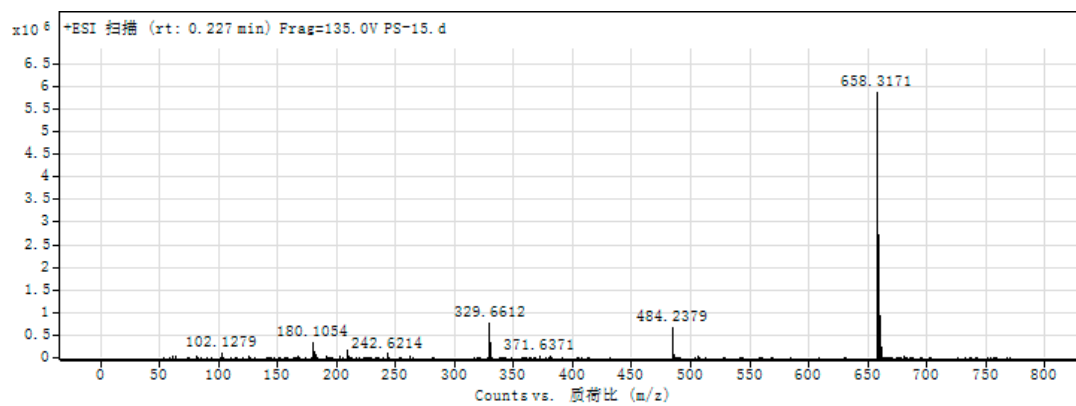
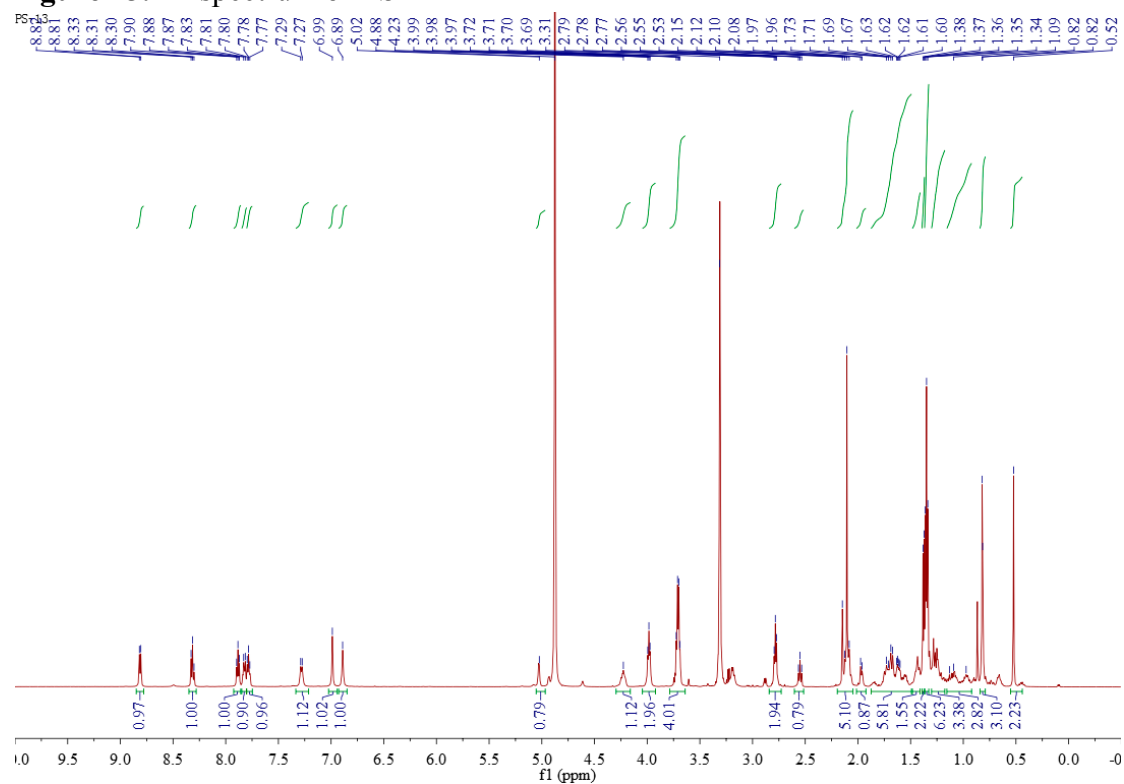
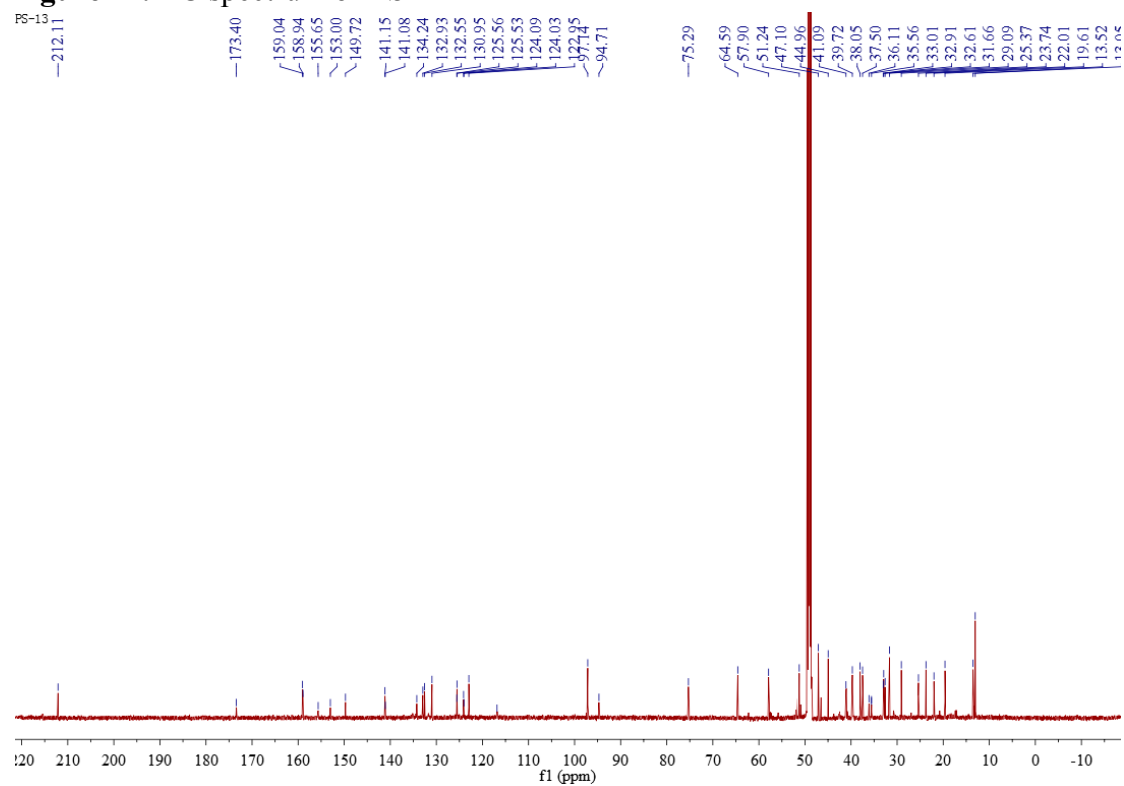


Figure 13. ^1H spectrum of PS-4**Figure 14.** ^{13}C spectrum of PS-4**Figure 15.** LR-MS spectrum of PS-4

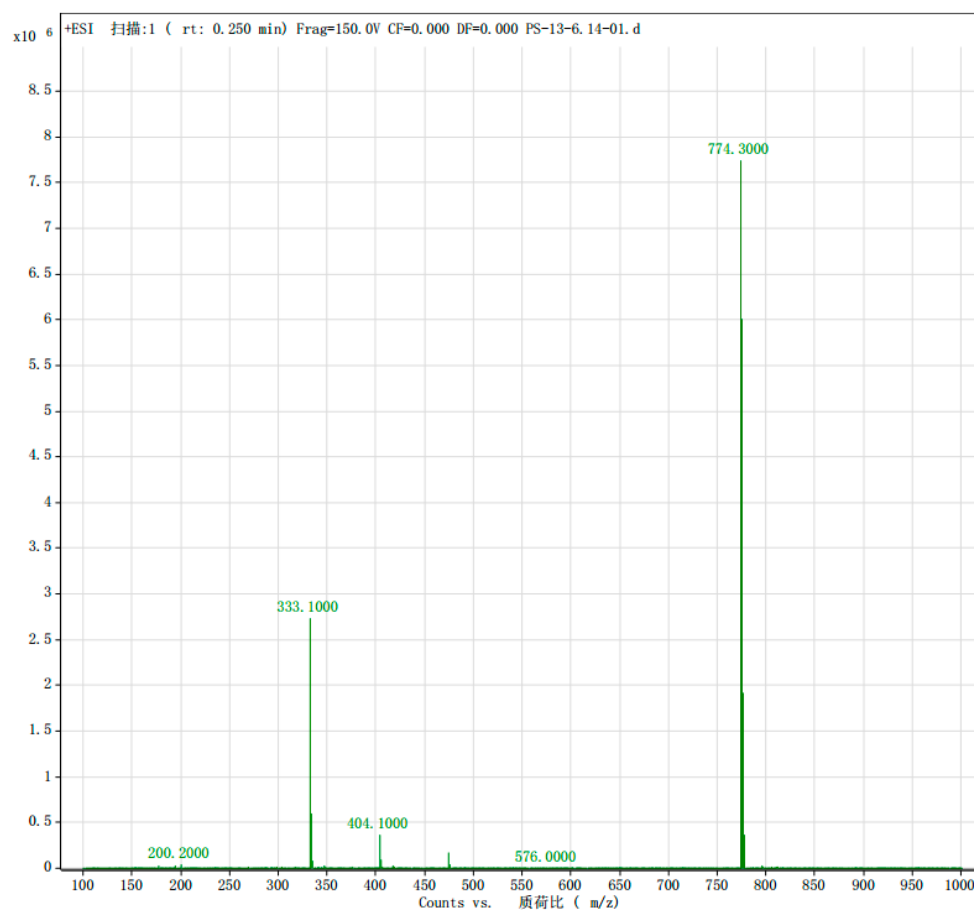


Figure 16. HR-MS spectrum of PS-4

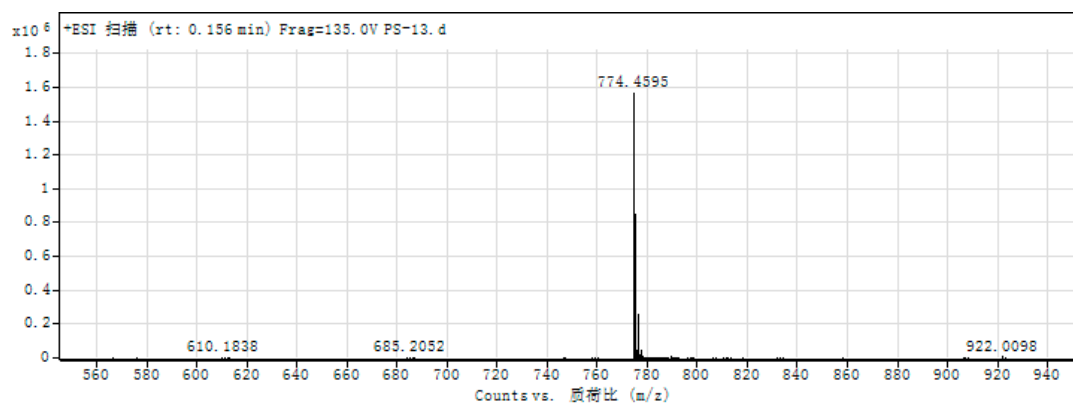
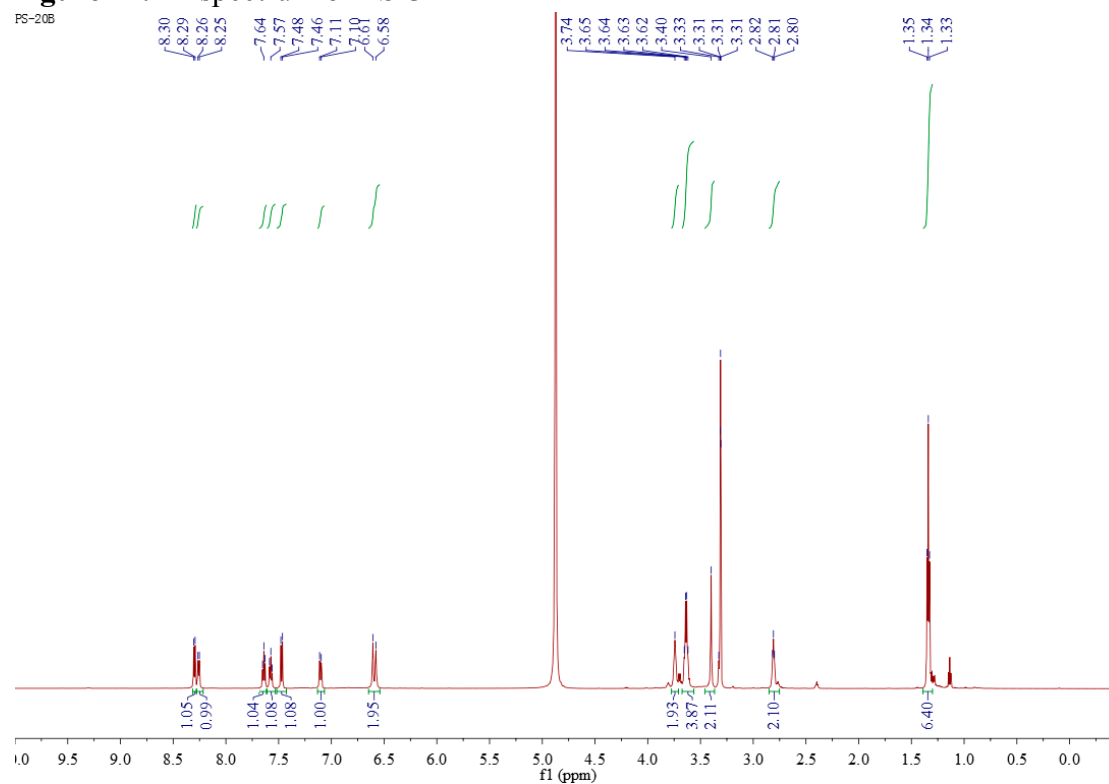
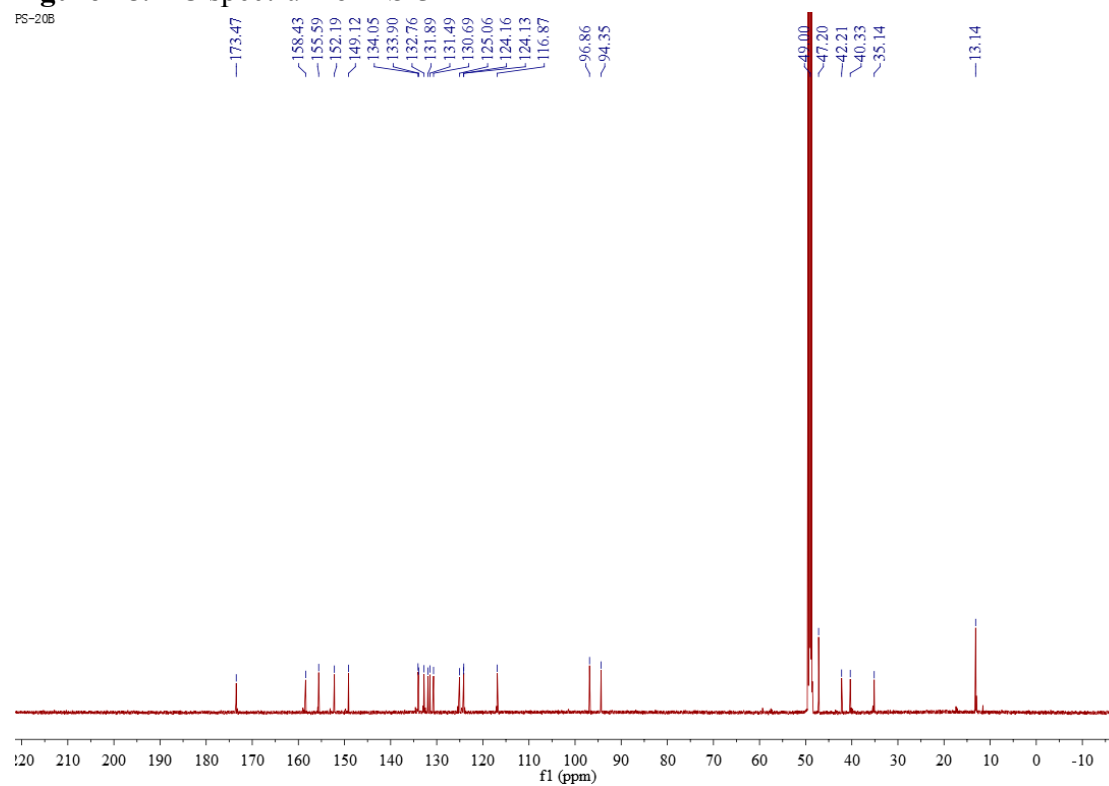


Figure 17. ^1H spectrum of PS-5**Figure 18.** ^{13}C spectrum of PS-5**Figure 19.** LR-MS spectrum of PS-5

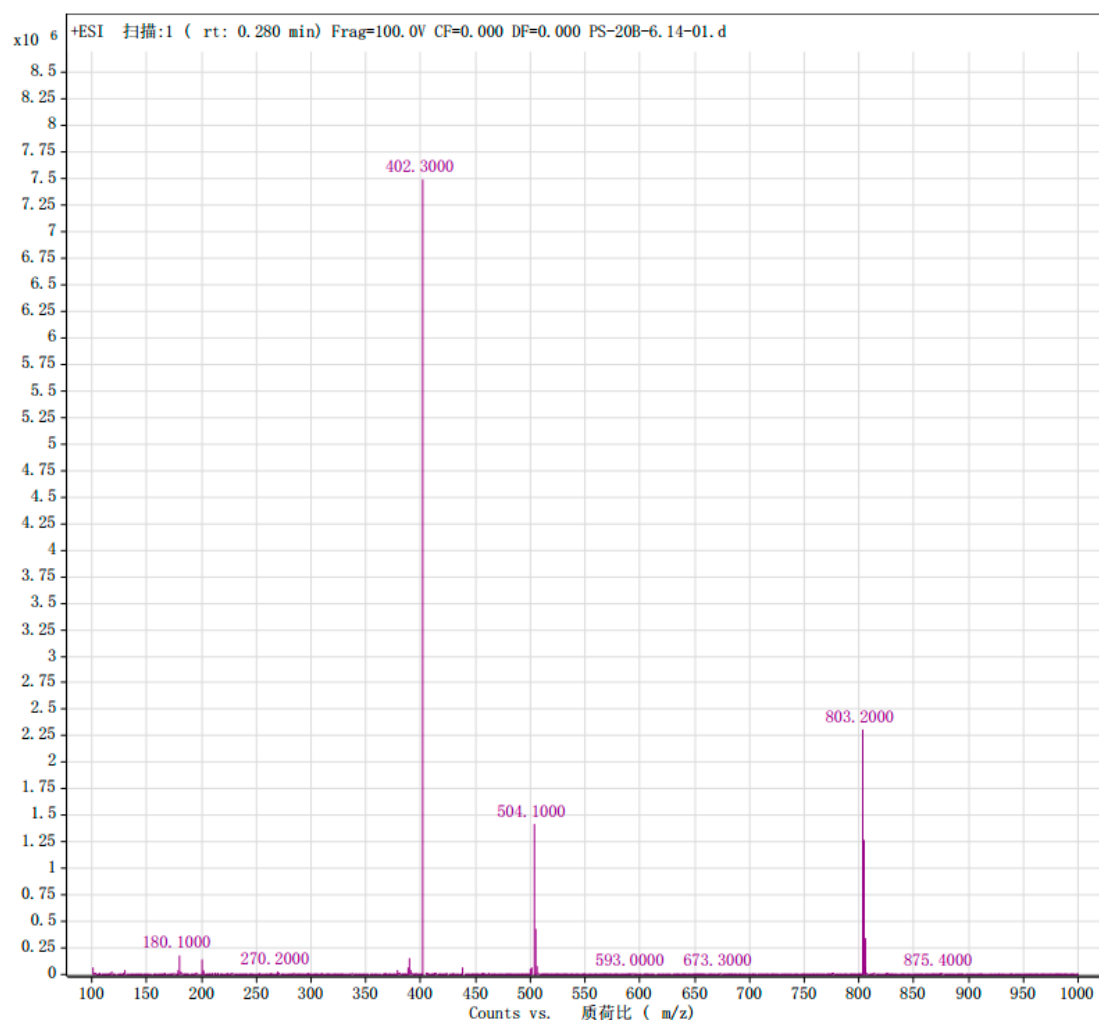


Figure 20. HR-MS spectrum of PS-5

