

Supplementary Material

A facile and efficient method for the synthesis of *N*-substituted 3-oxoisoindoline-1-carbonitrile derivatives catalyzed by sulfamic acid

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(Hu L.)

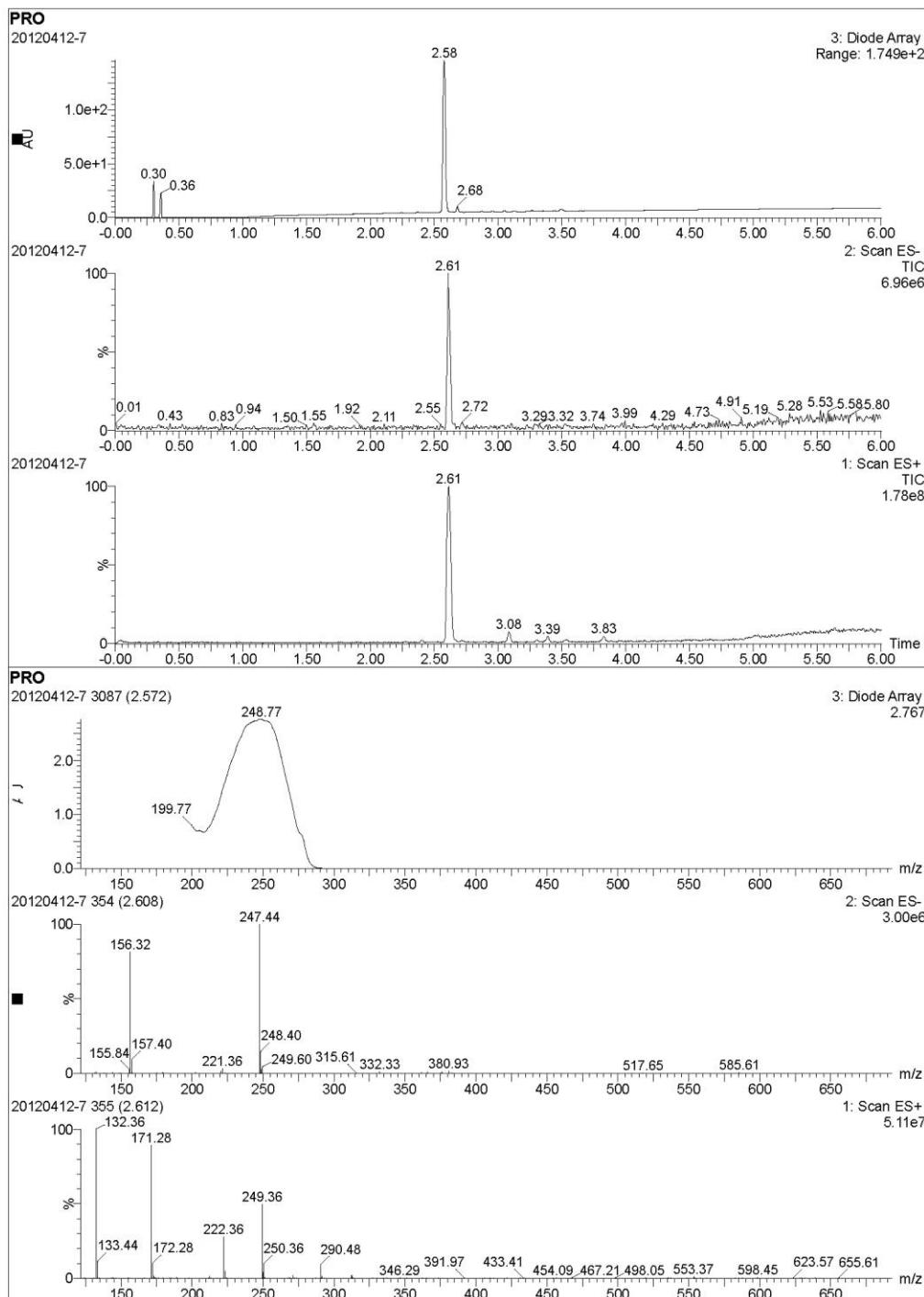
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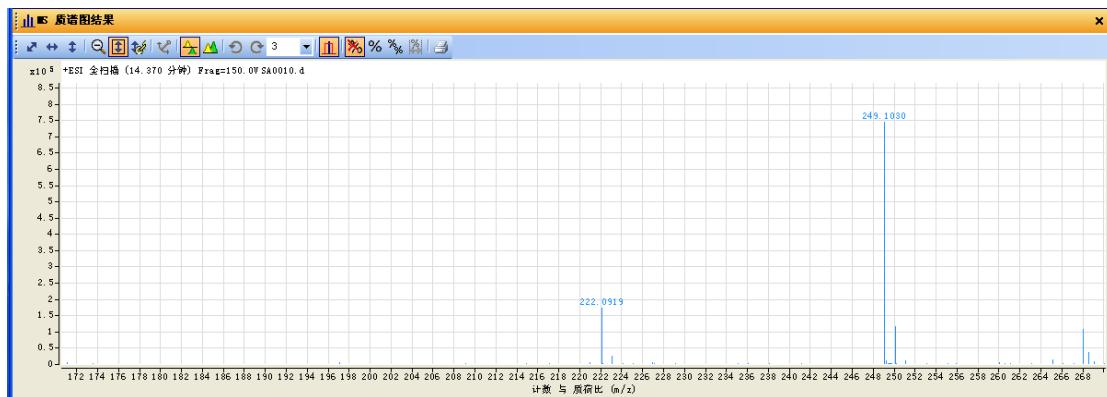
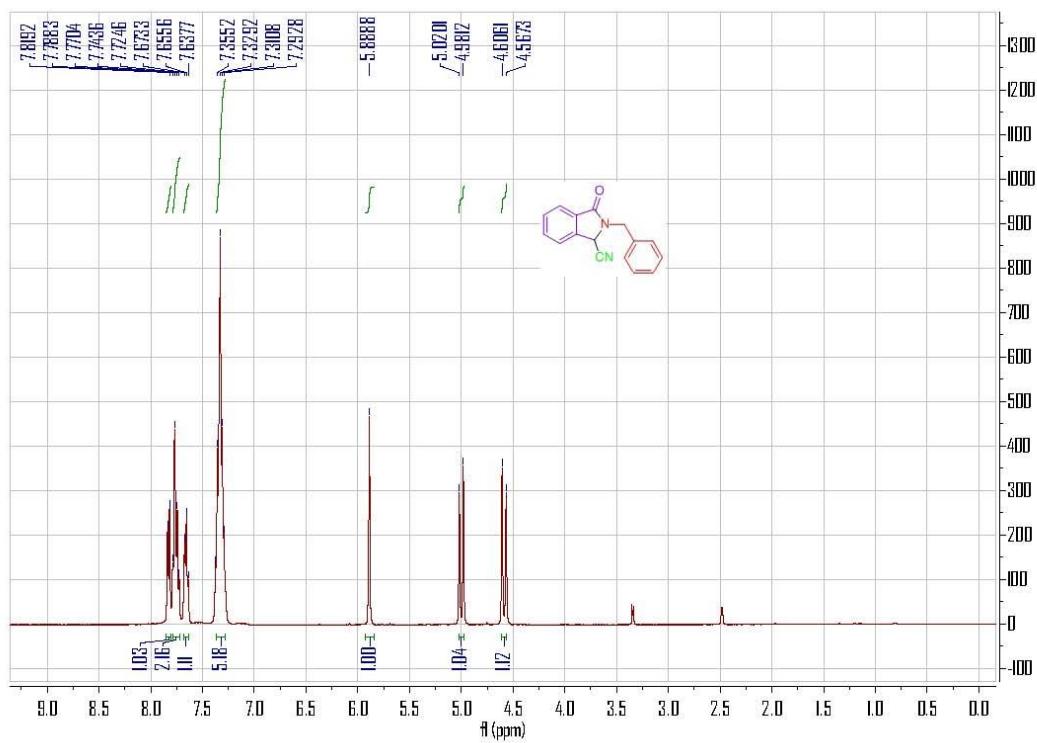
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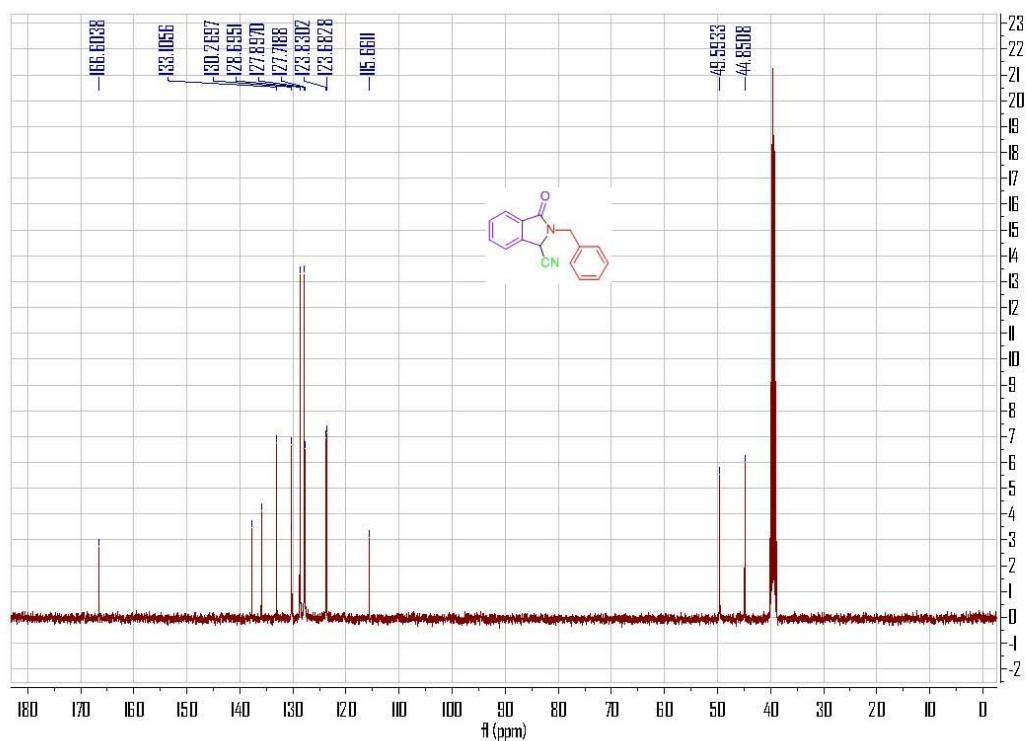
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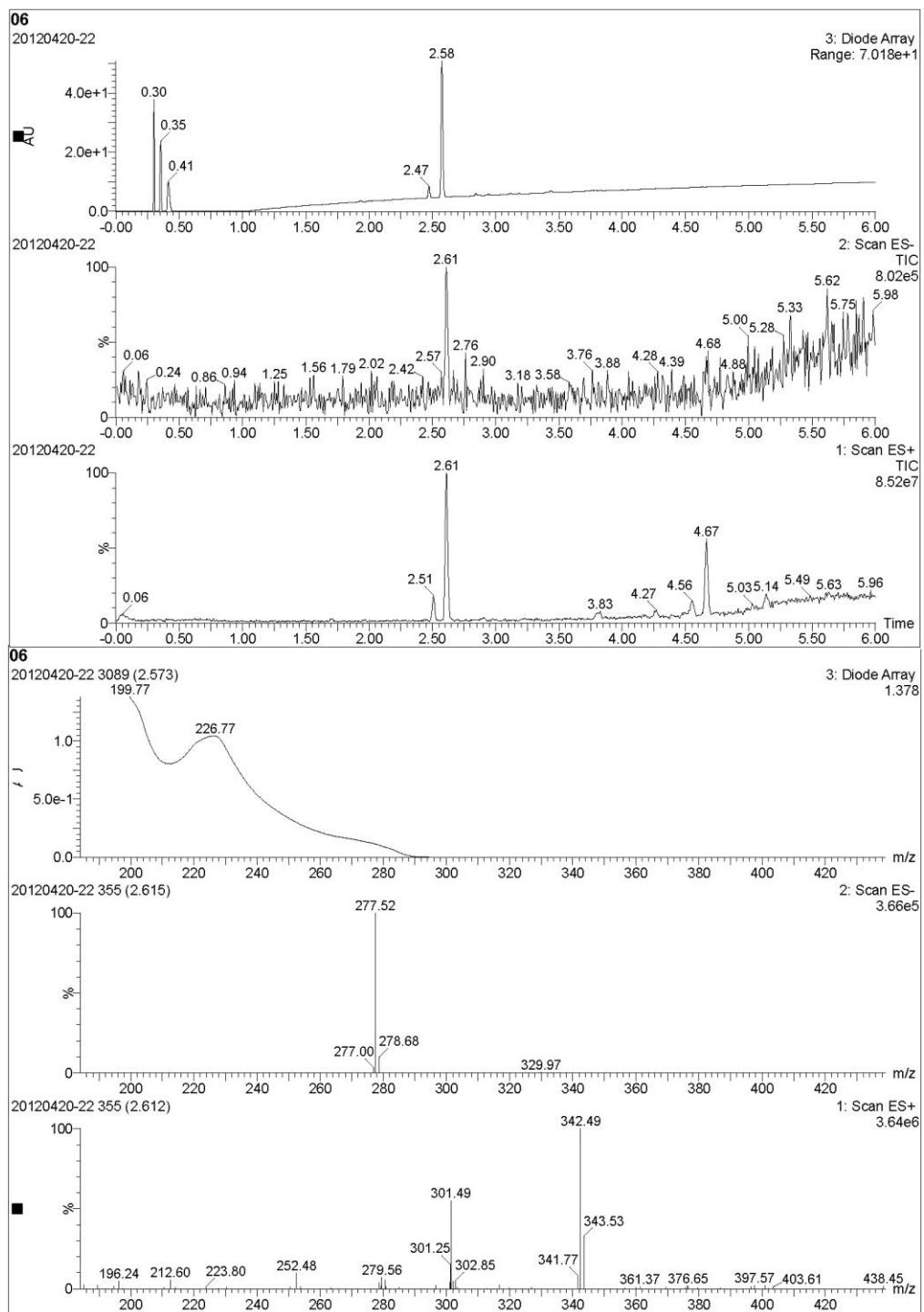
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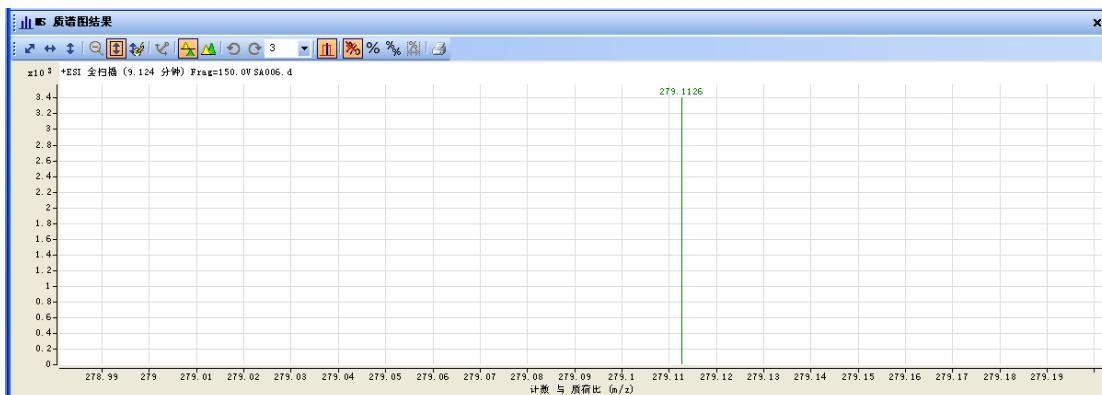
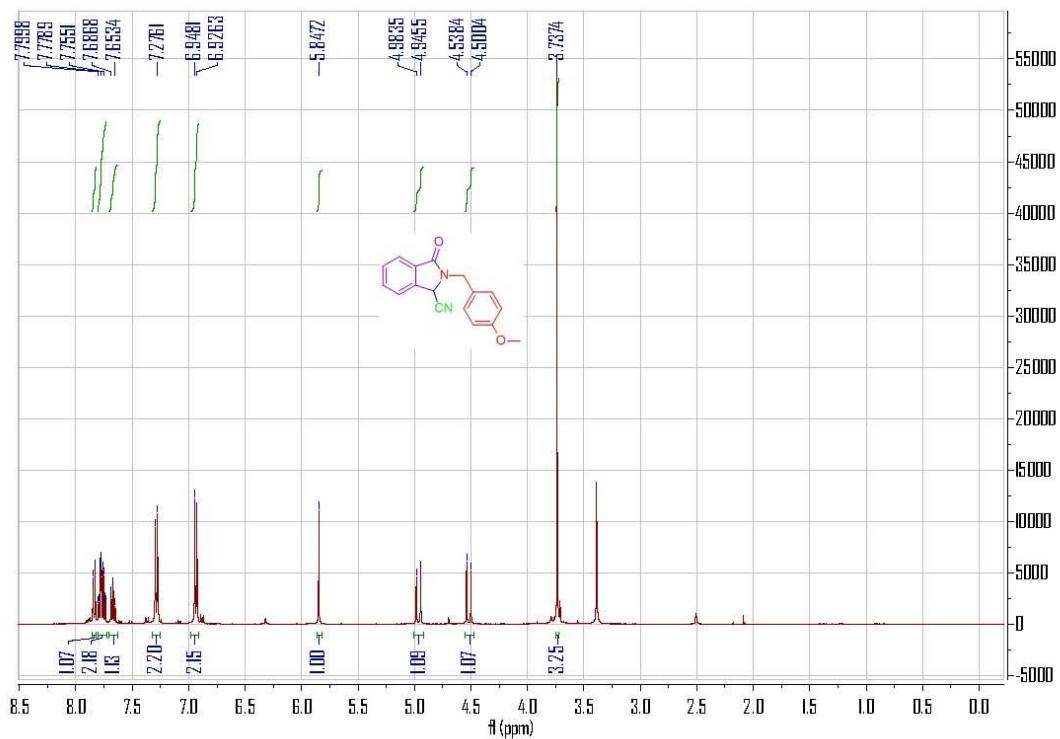


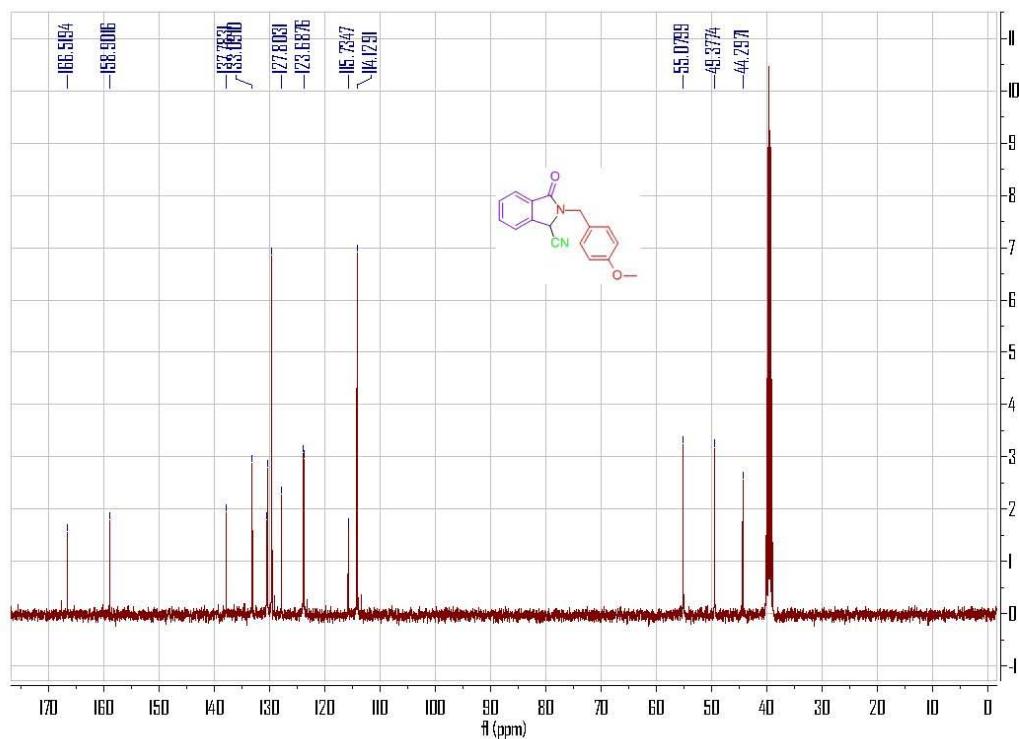
S2. HRESIMS spectrum of compound 4a.**S3. ^1H NMR spectrum of compound 4a.**

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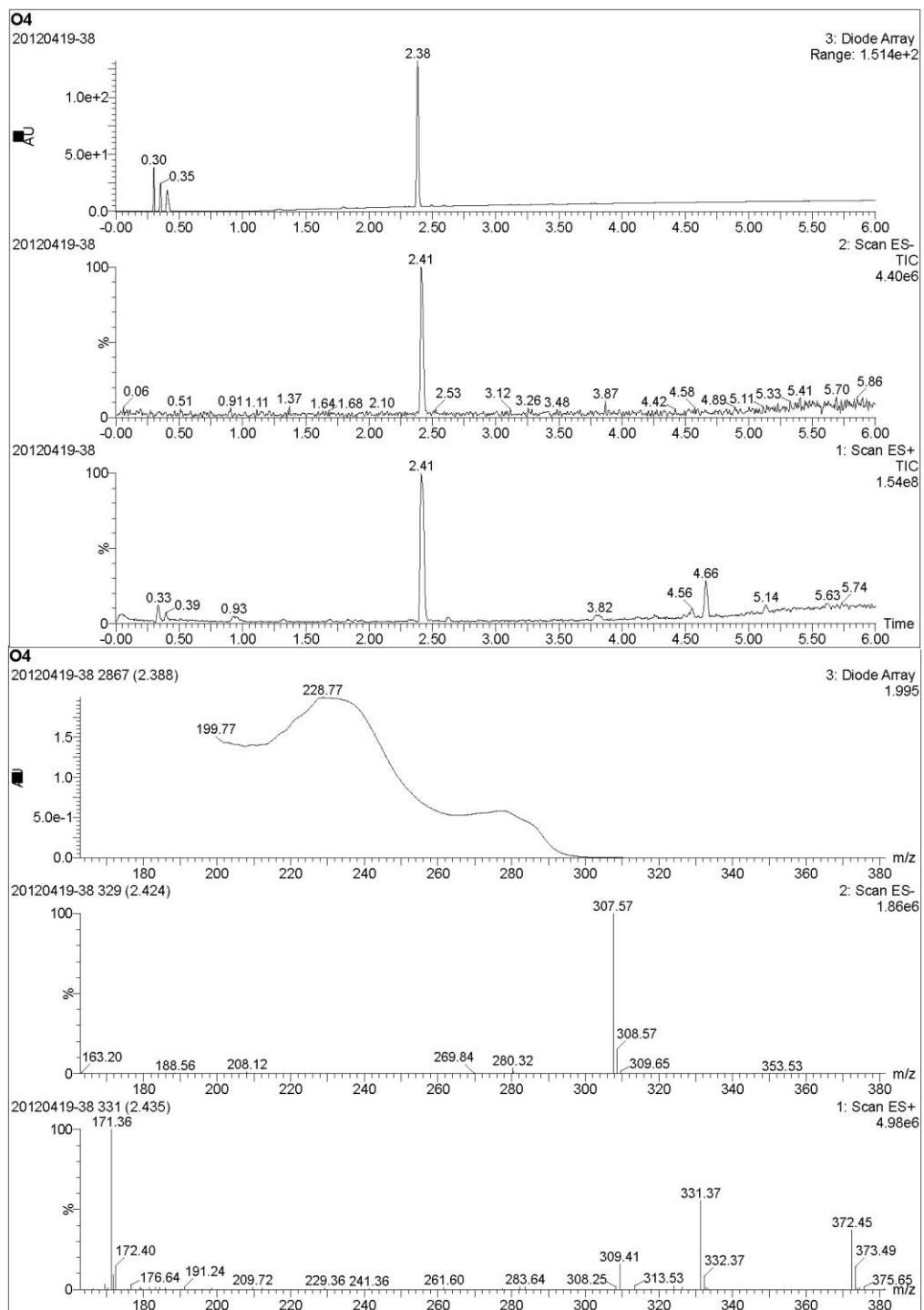
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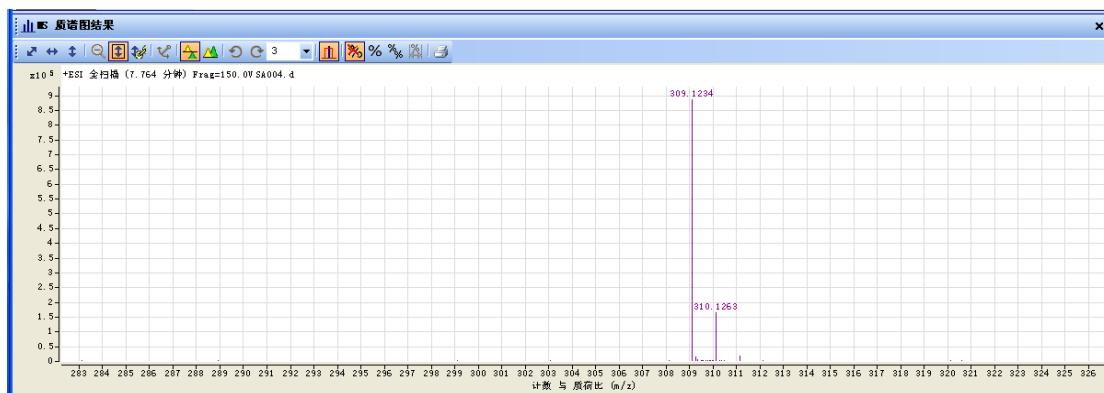
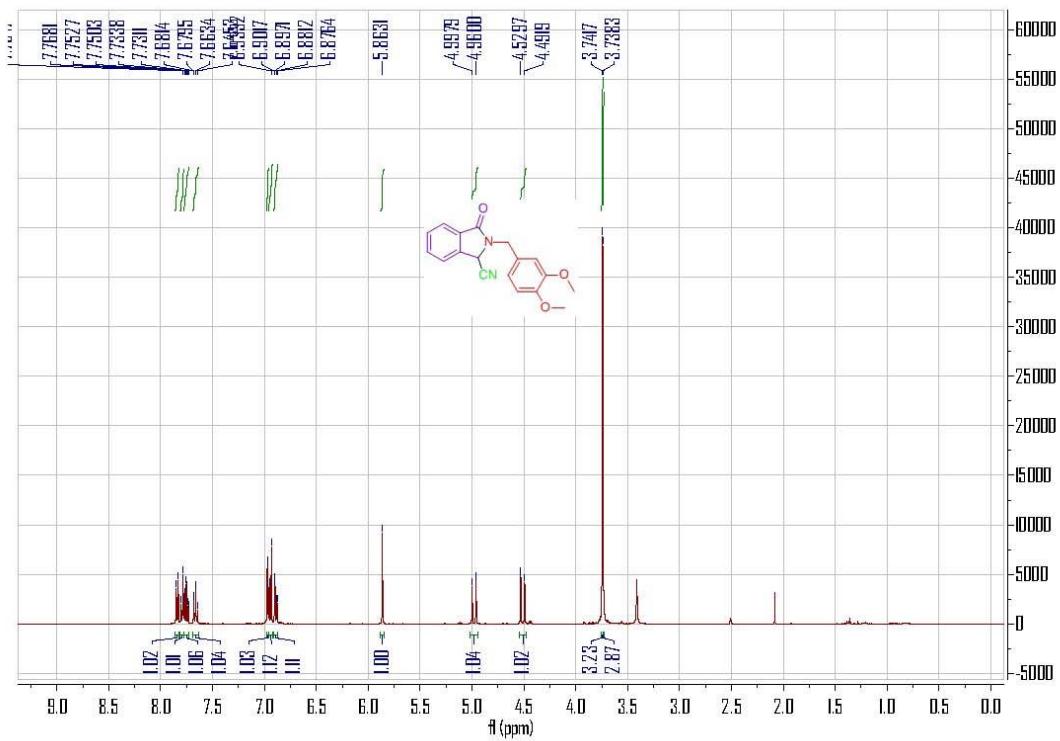


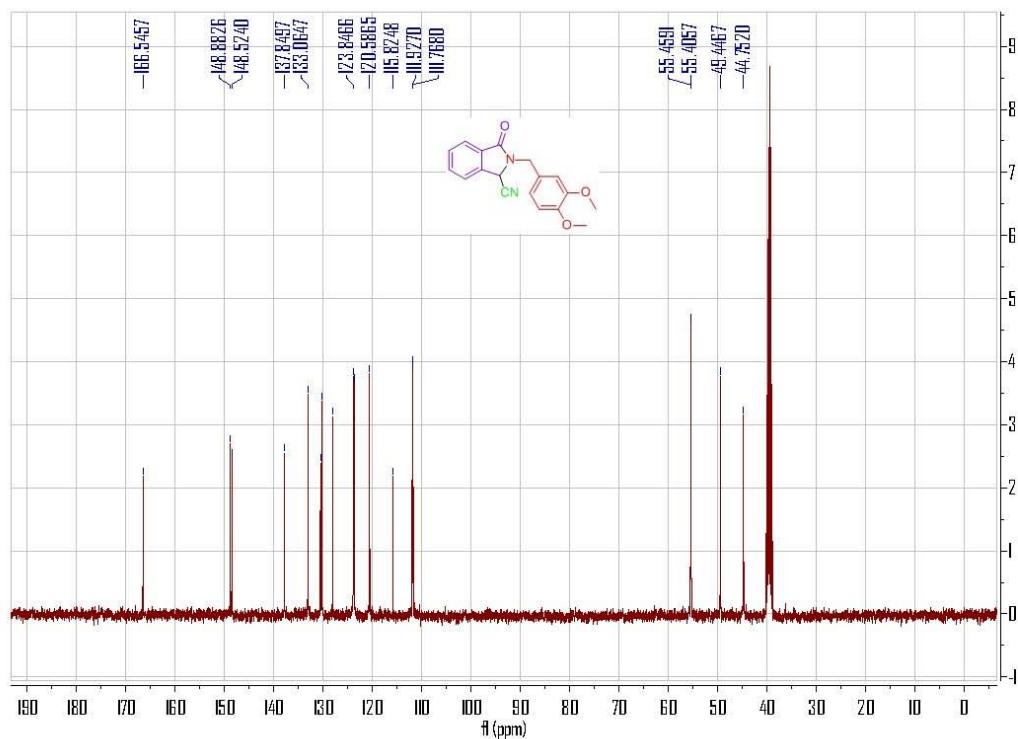
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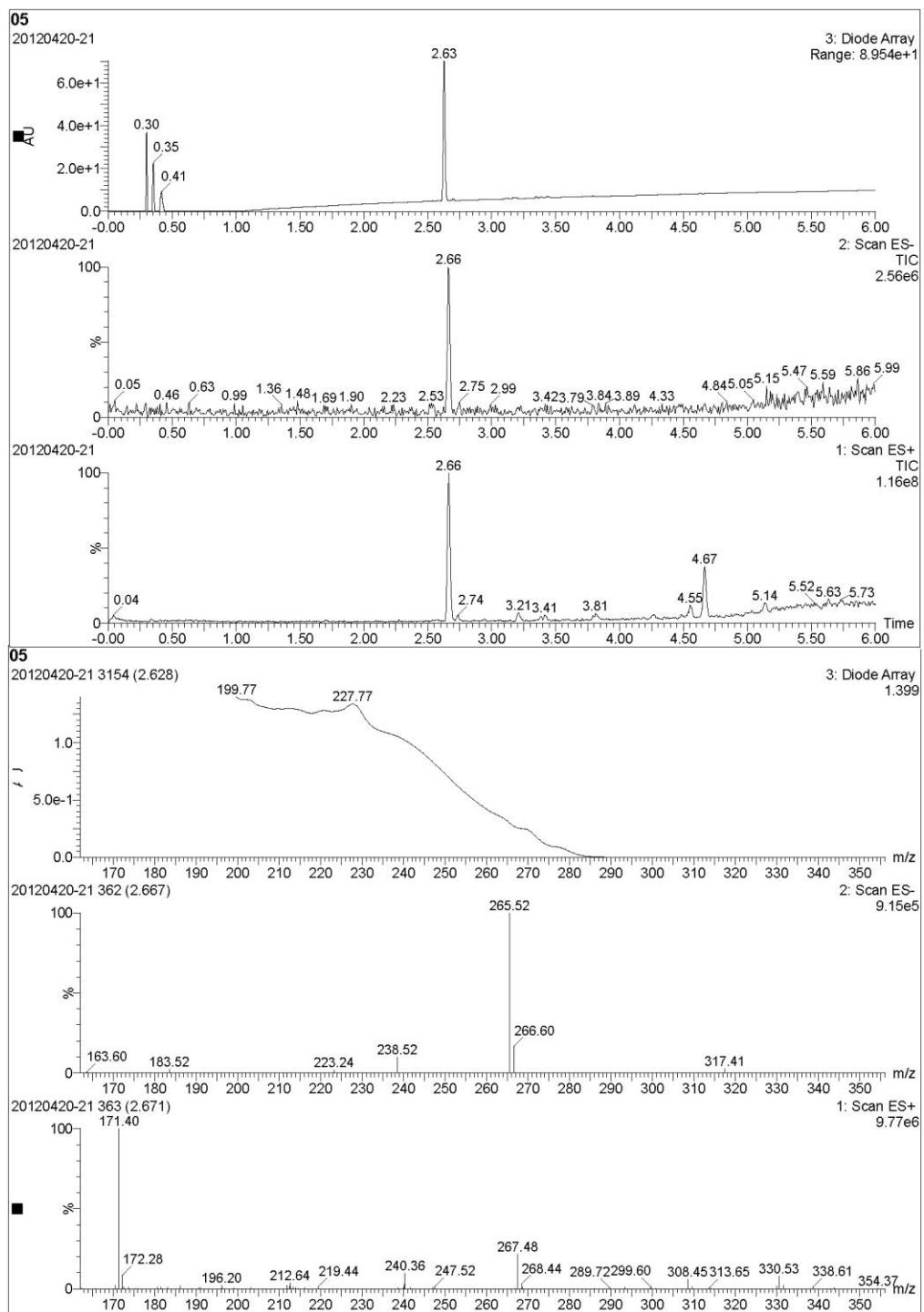
S9. LCMS spectrum of compound 4c.

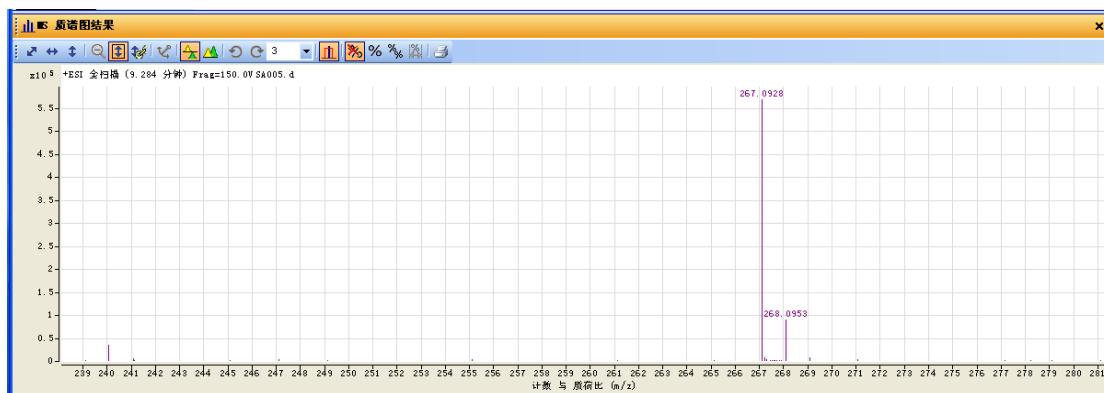
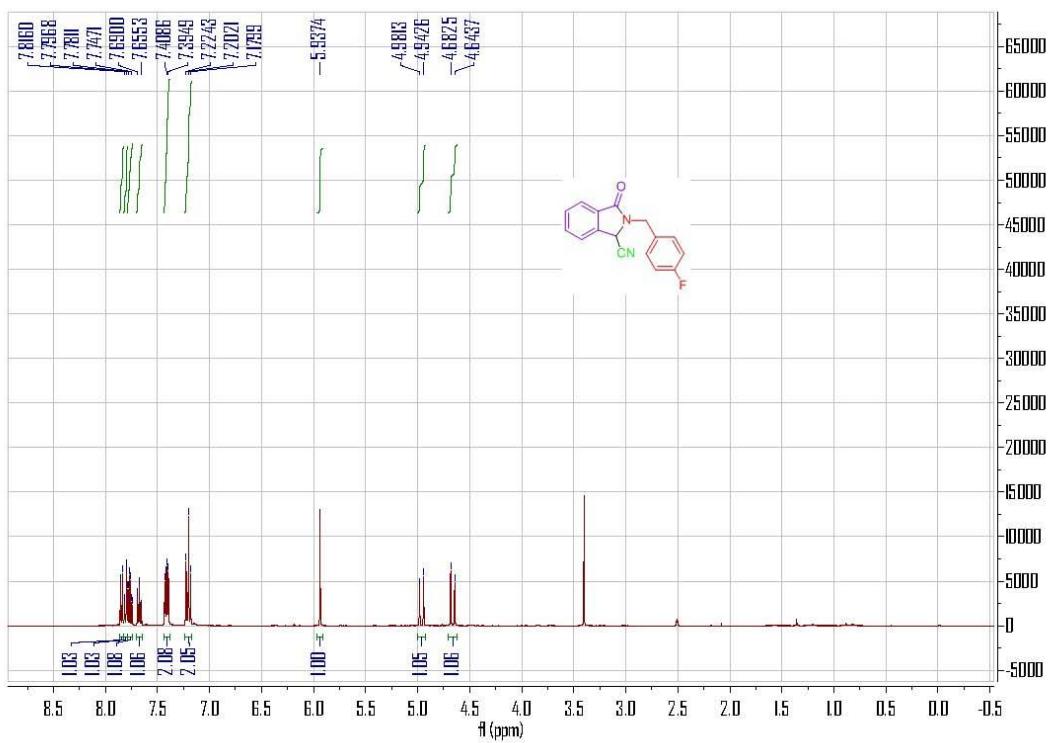


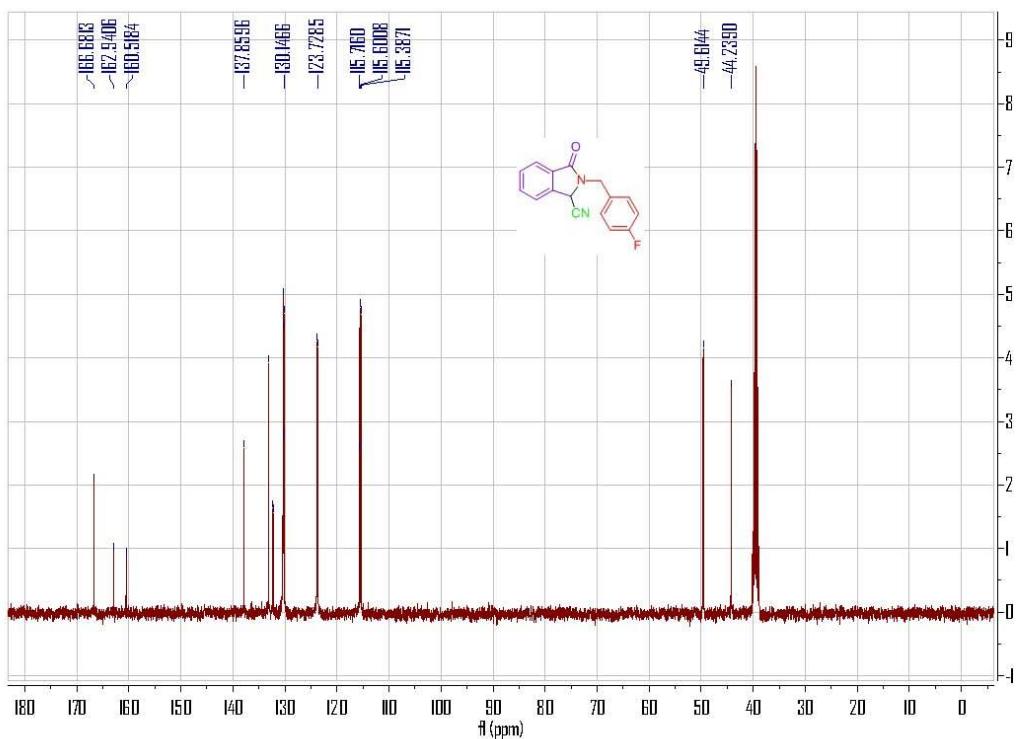
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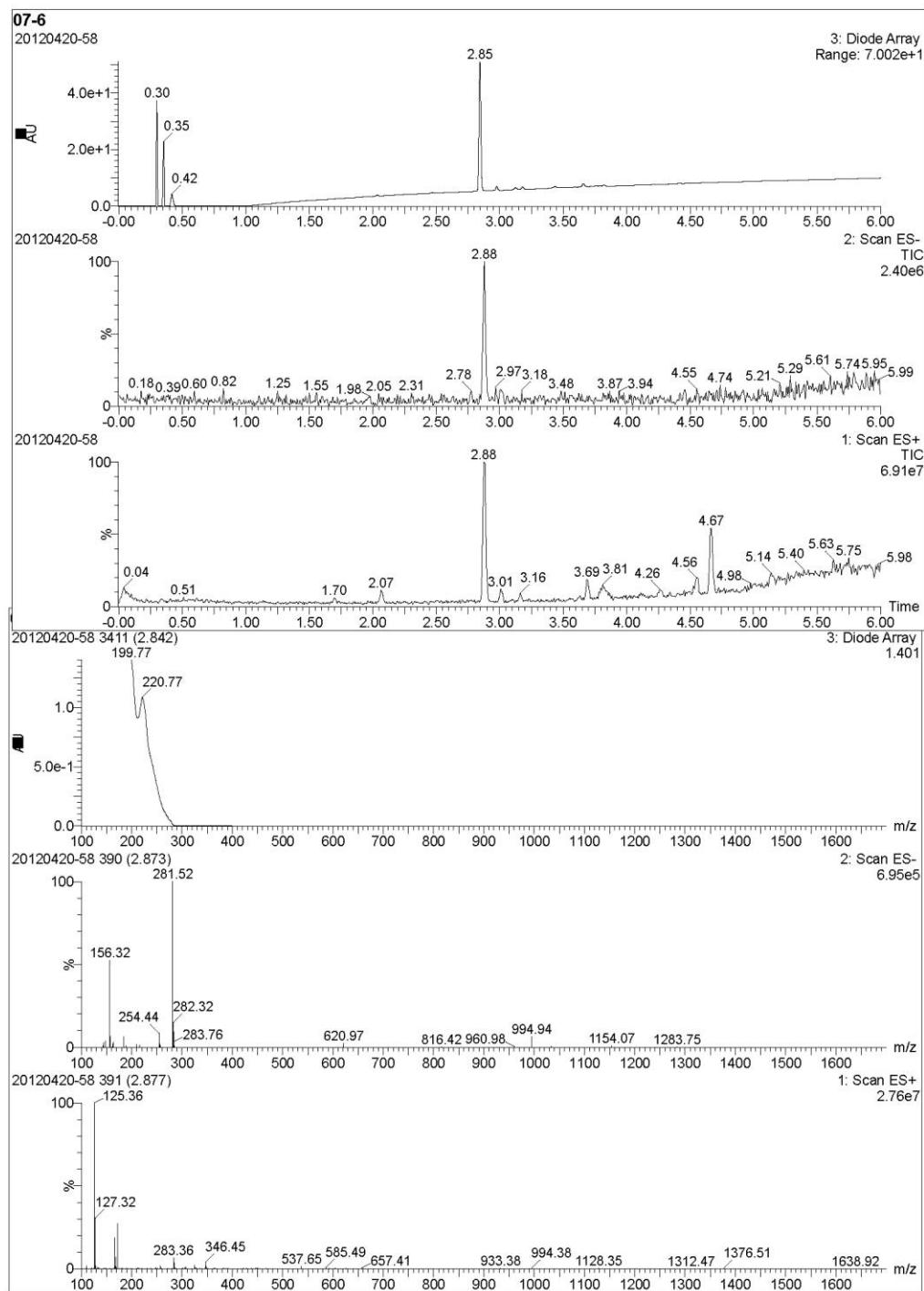
S12. ^{13}C NMR spectrum of compound **4c**.

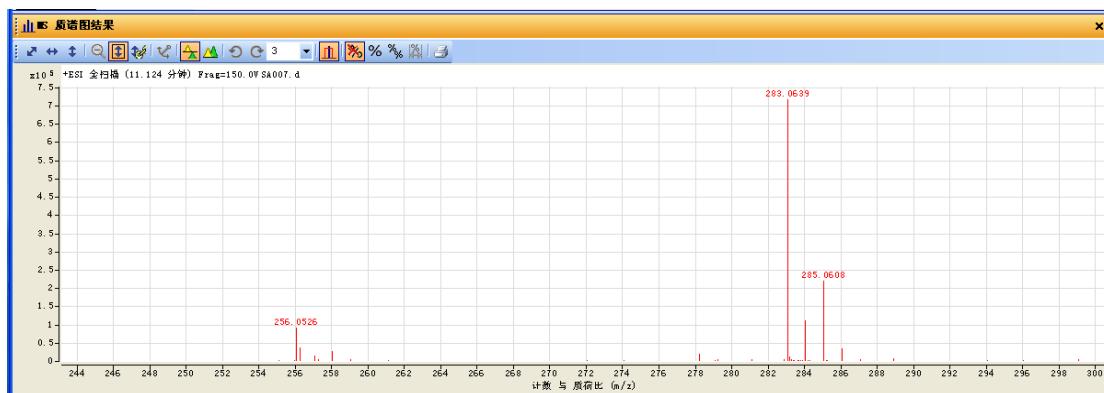
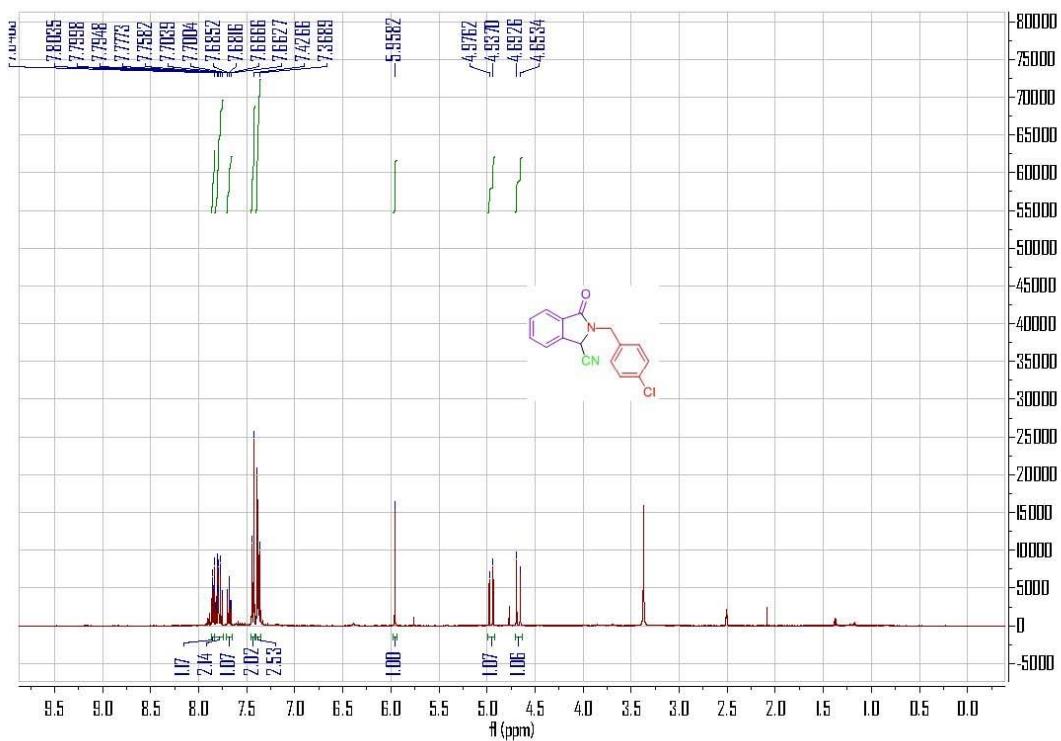
S13. LCMS spectrum of compound 4d.

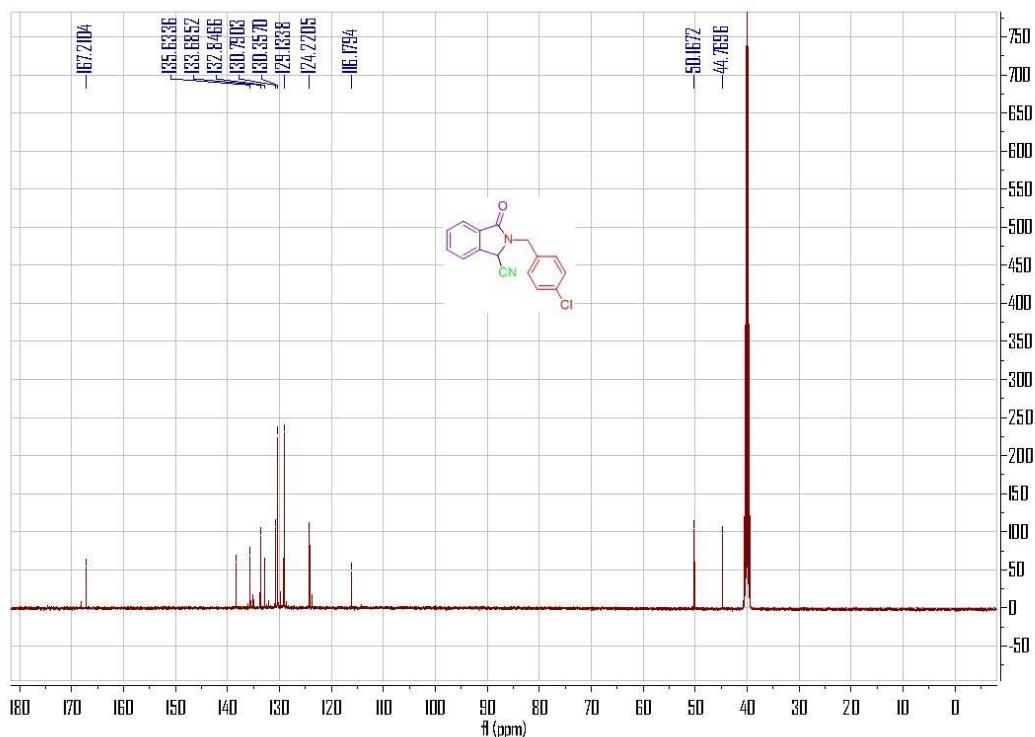


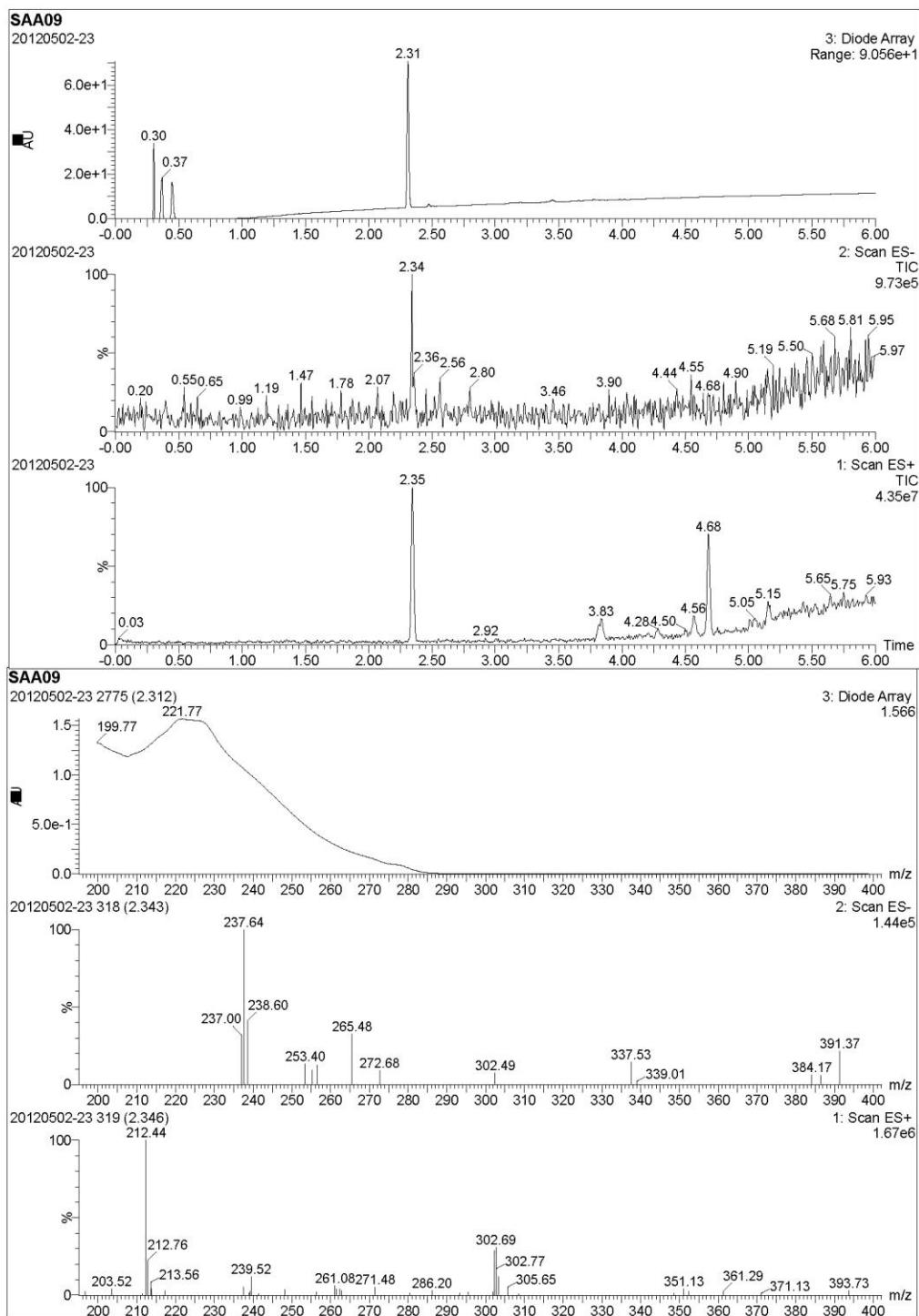
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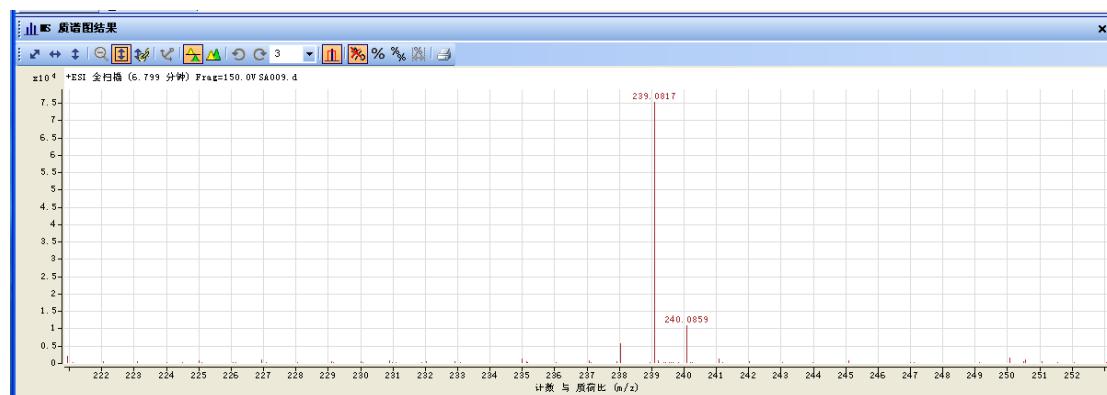
S17. LCMS spectrum of compound **4e**.

S18. HRESIMS spectrum of compound **4e**.**S19.** ^1H NMR spectrum of compound **4e**.

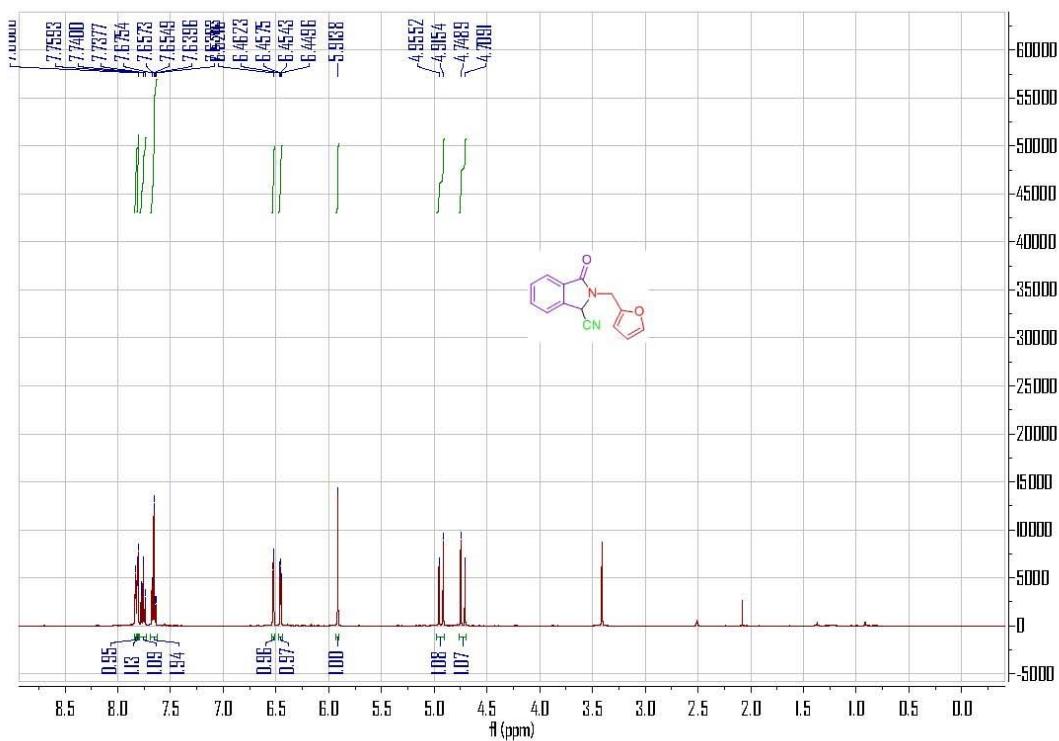
S20. ^{13}C NMR spectrum of compound **4e**.

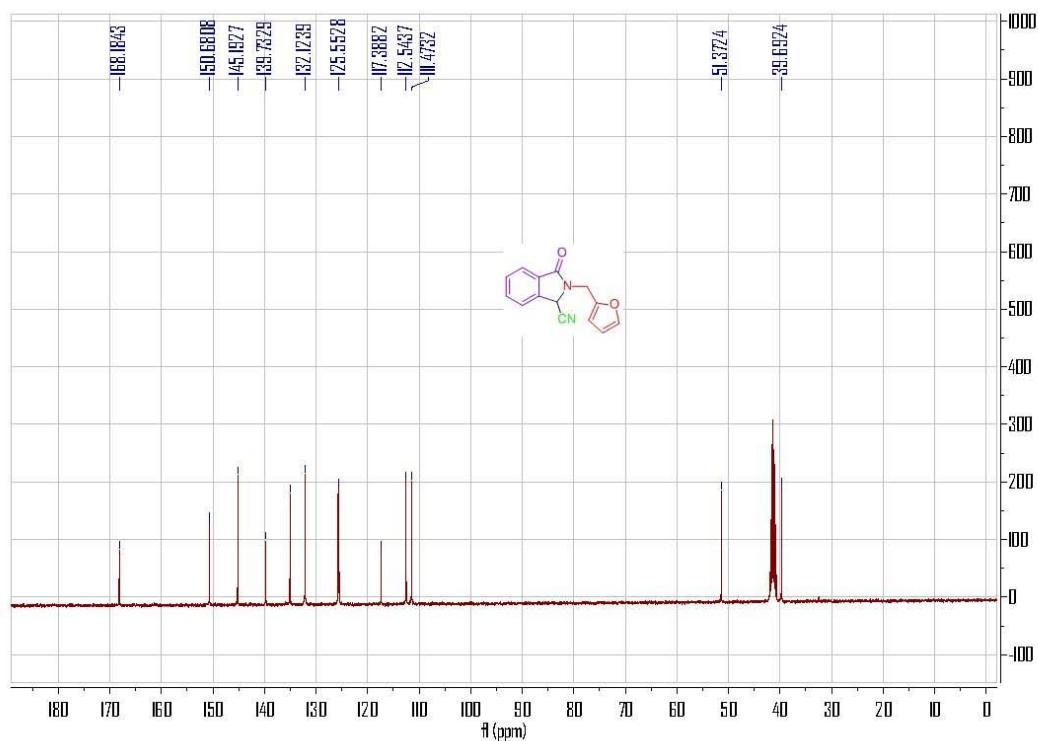
S21. LCMS spectrum of compound 4f.

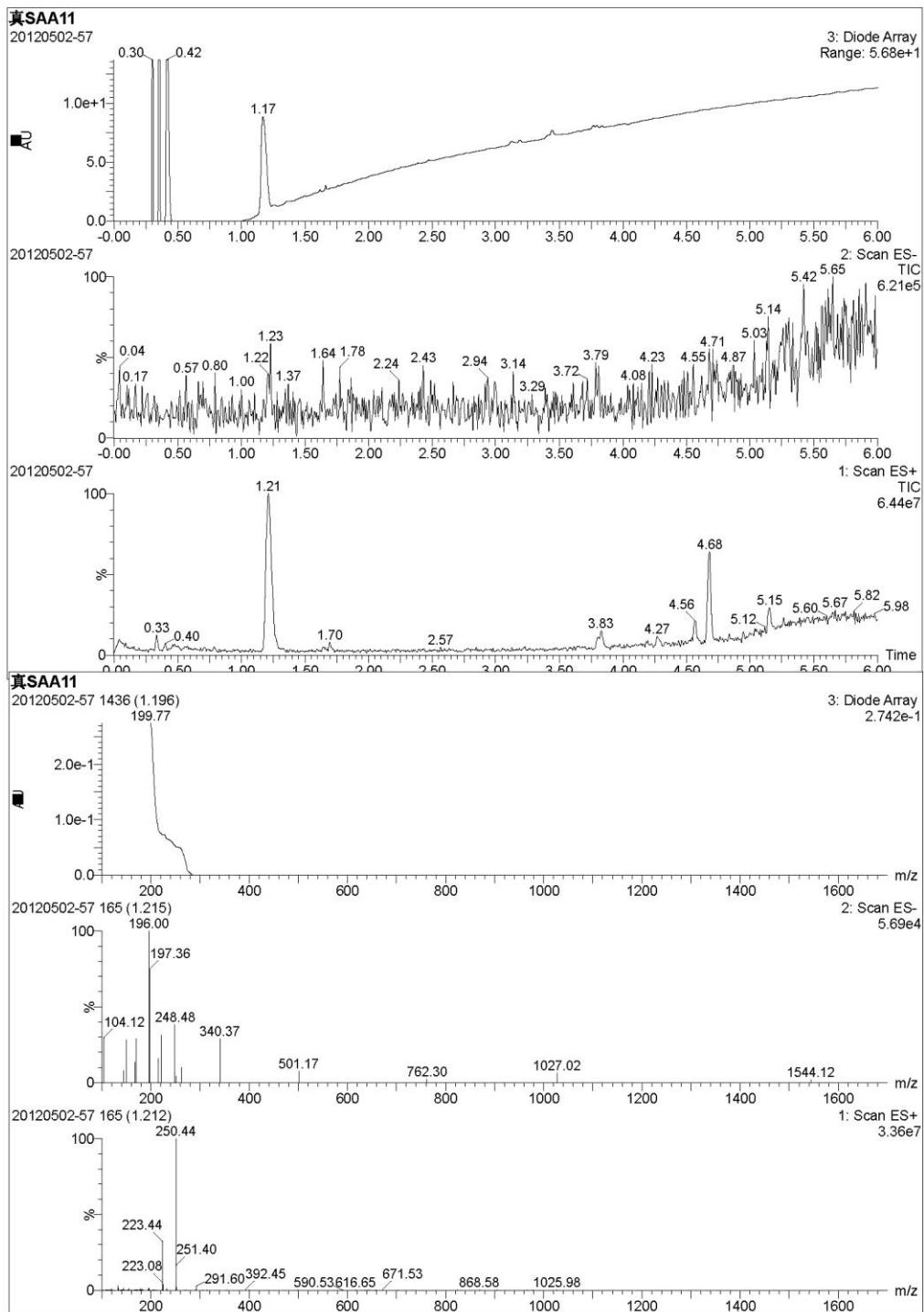
S22. HRESIMS spectrum of compound **4f**.

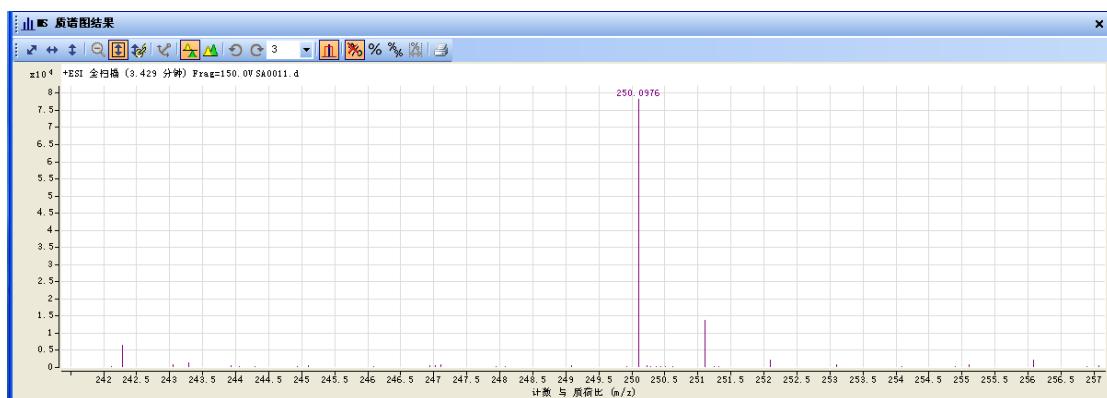
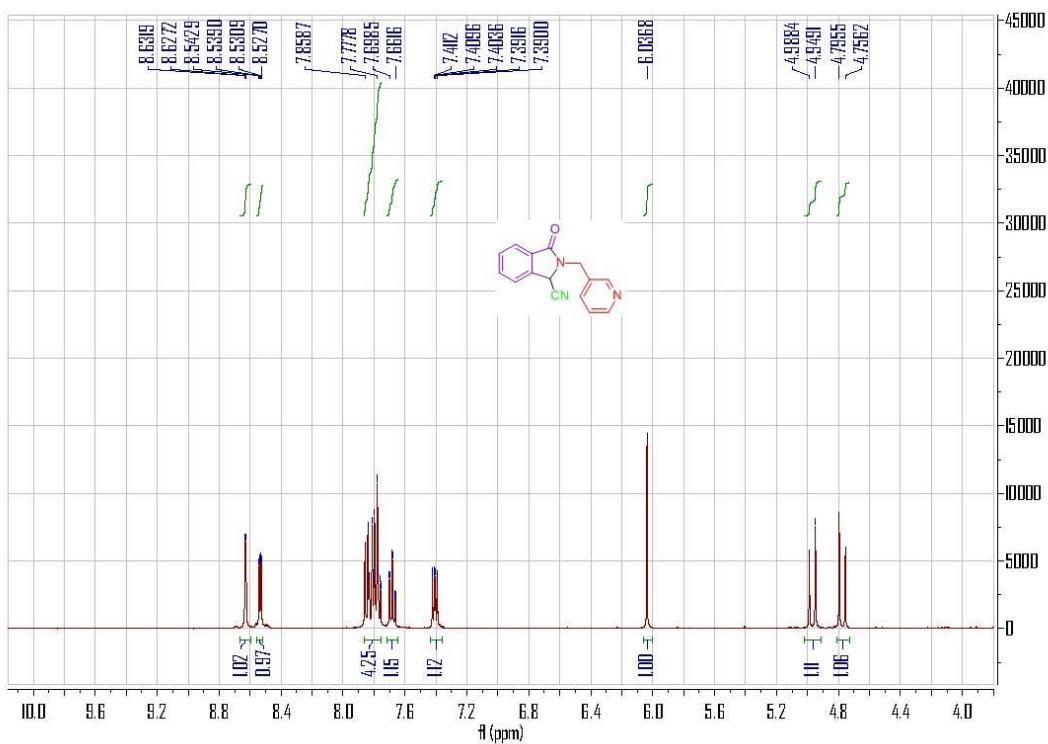


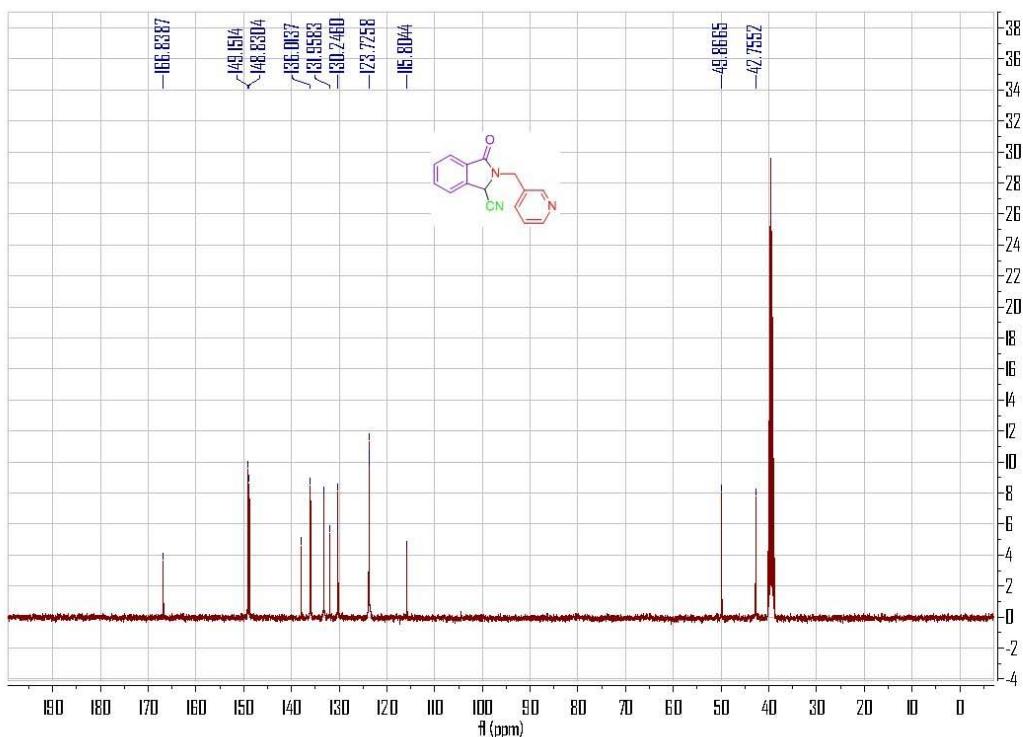
S23. ^1H NMR spectrum of compound **4f**.

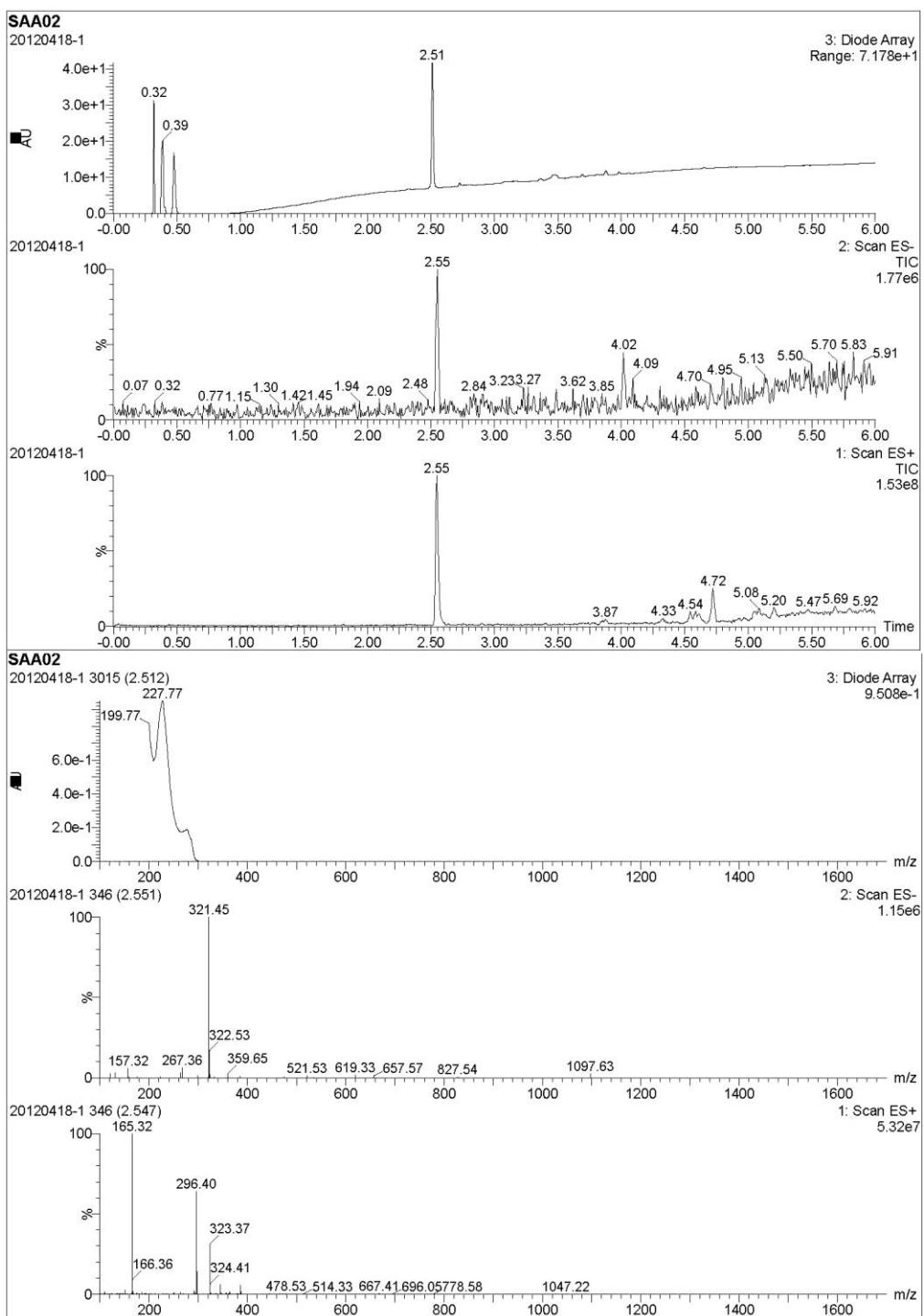


S24. ^{13}C NMR spectrum of compound **4f**.

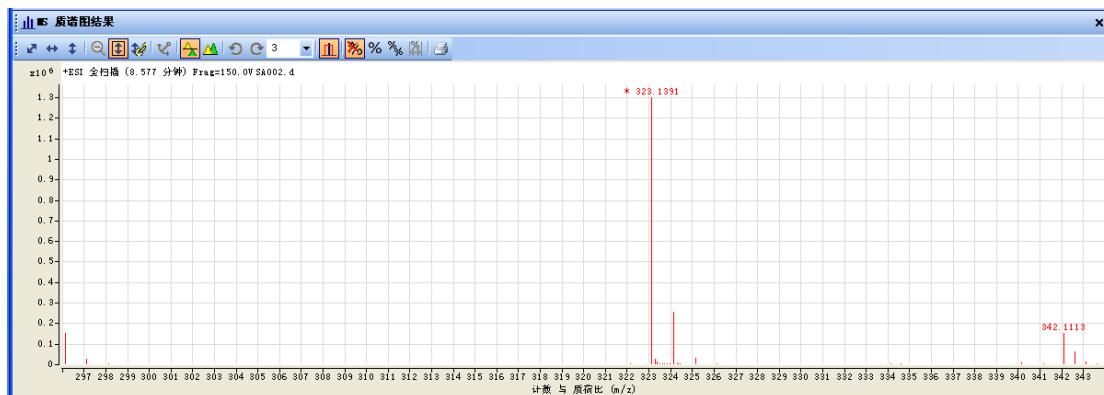
S25. LCMS spectrum of compound **4g**.

S26. HRESIMS spectrum of compound **4g**.**S27.** ^1H NMR spectrum of compound **4g**.

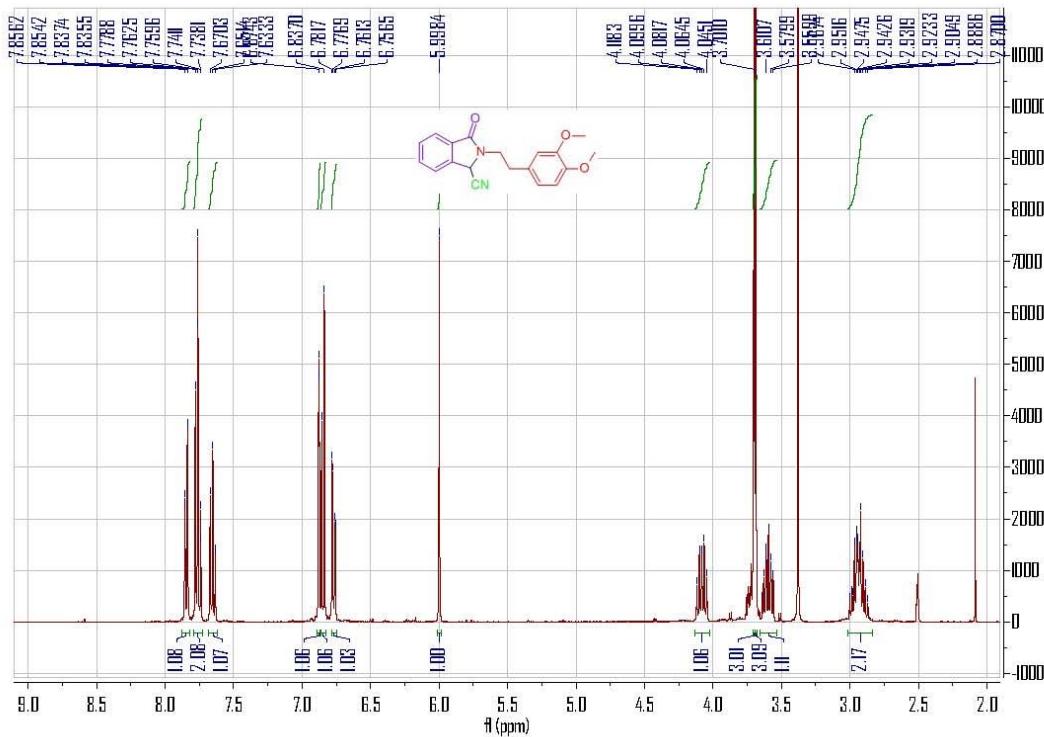
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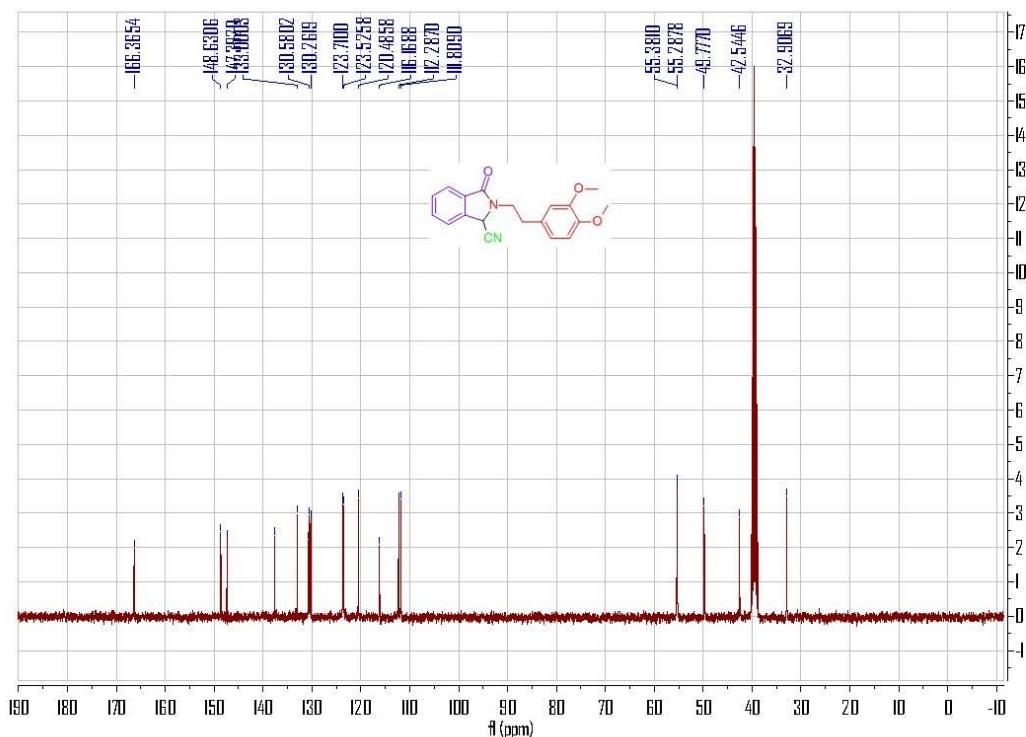
S29. LCMS spectrum of compound **4h**.

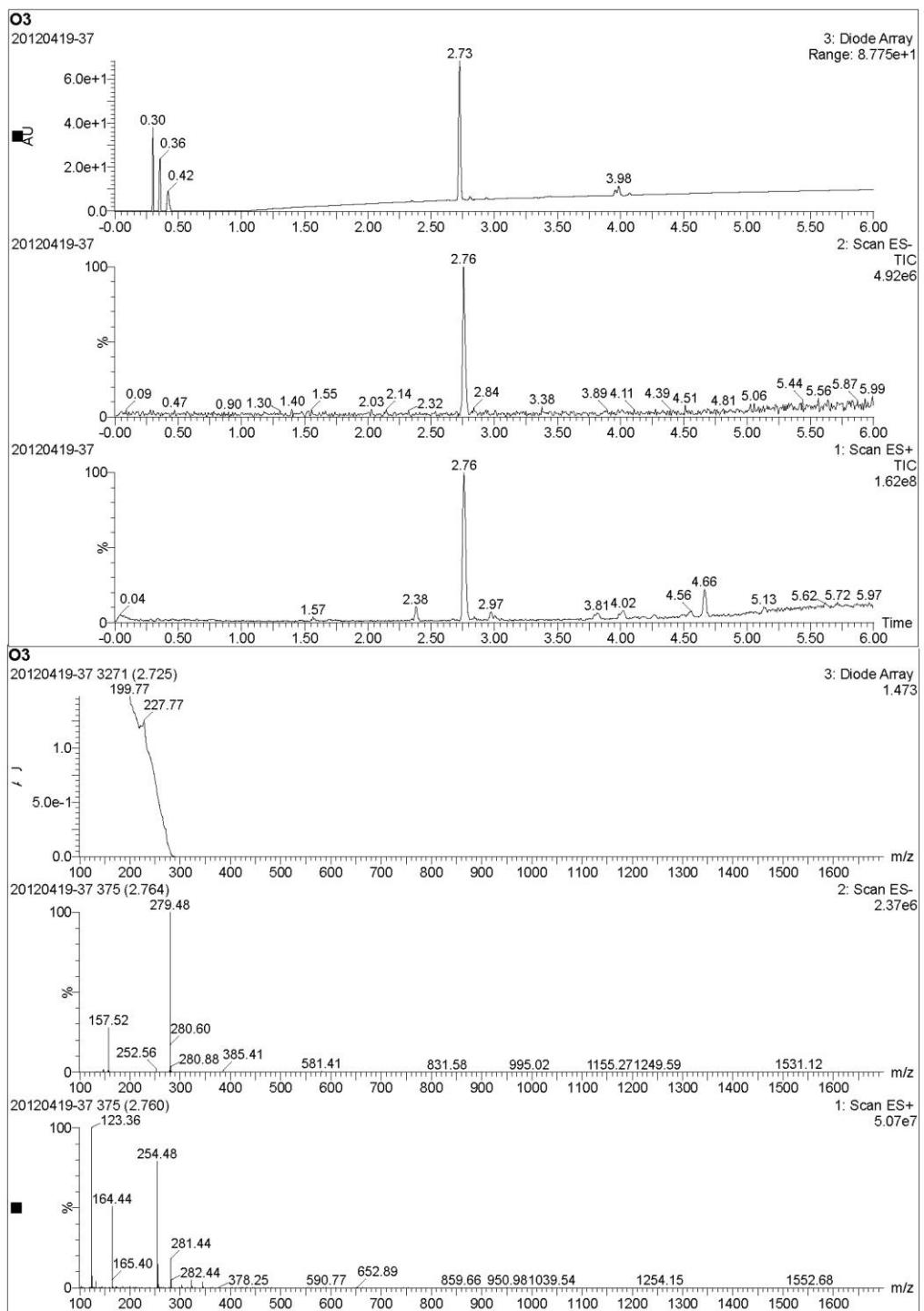
S30. HRESIMS spectrum of compound **4h**.

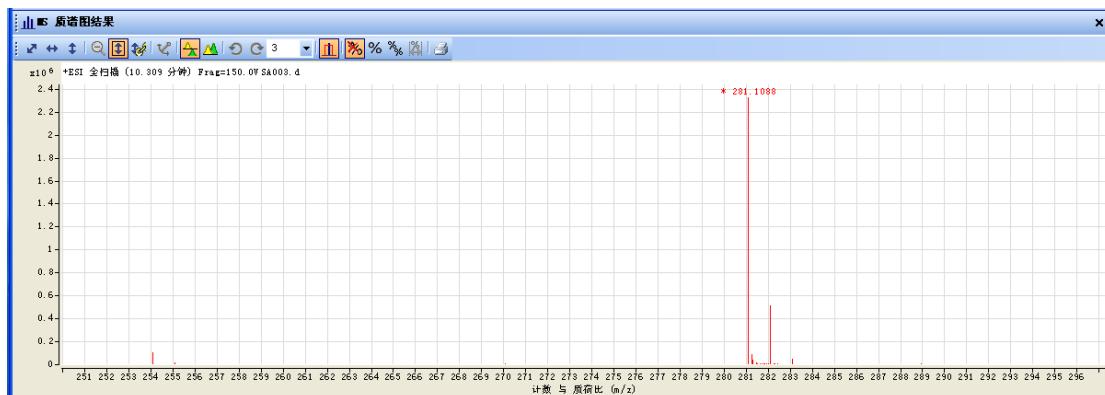
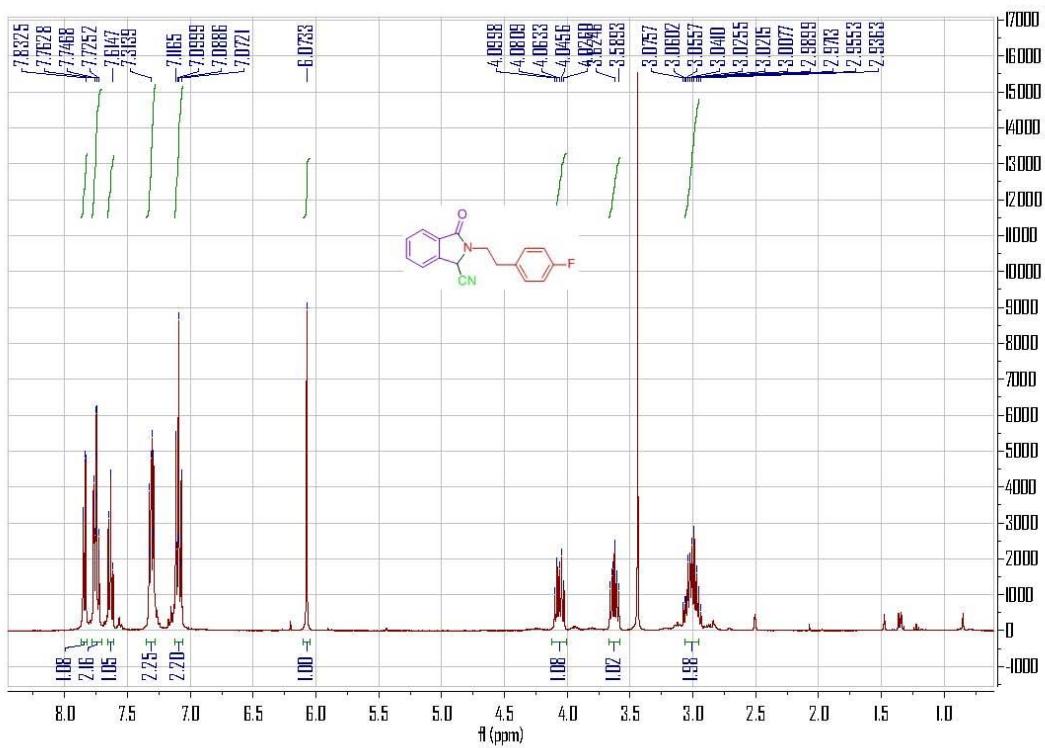


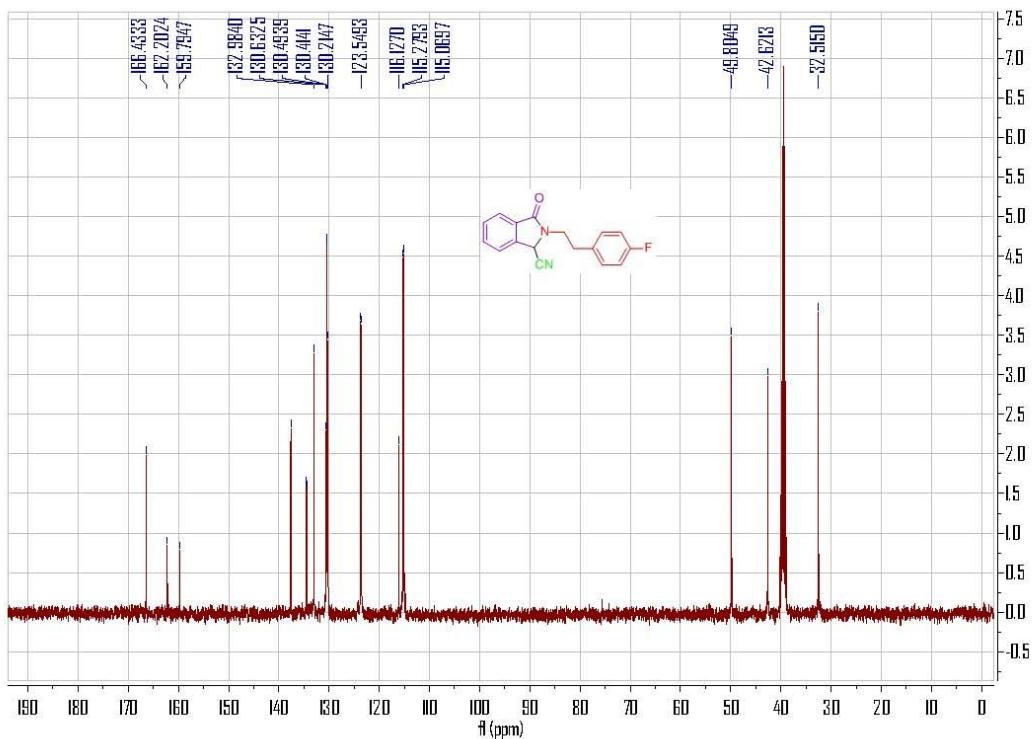
S31. ^1H NMR spectrum of compound **4h**.

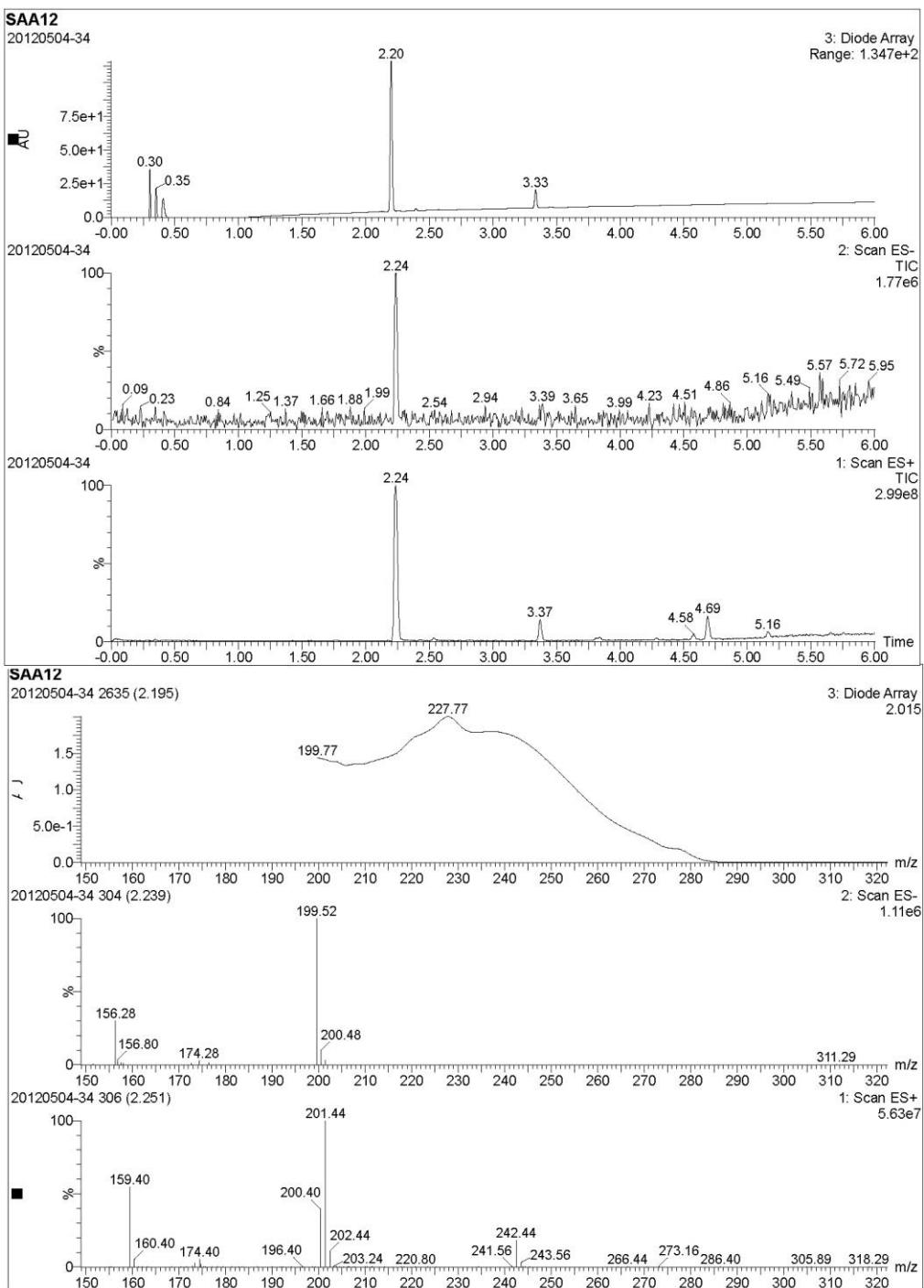


S32. ^{13}C NMR spectrum of compound **4h**.

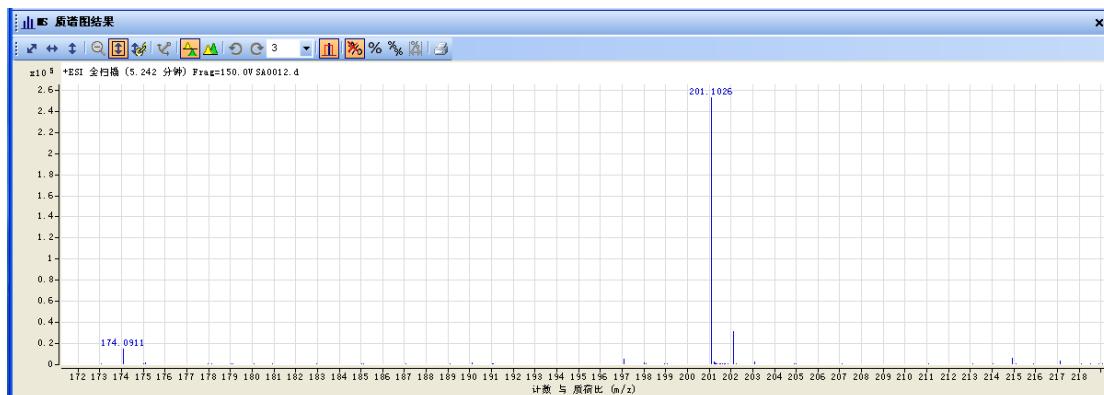
S33. LCMS spectrum of compound **4i**.

S34. HRESIMS spectrum of compound **4i**.**S35.** ^1H NMR spectrum of compound **4i**.

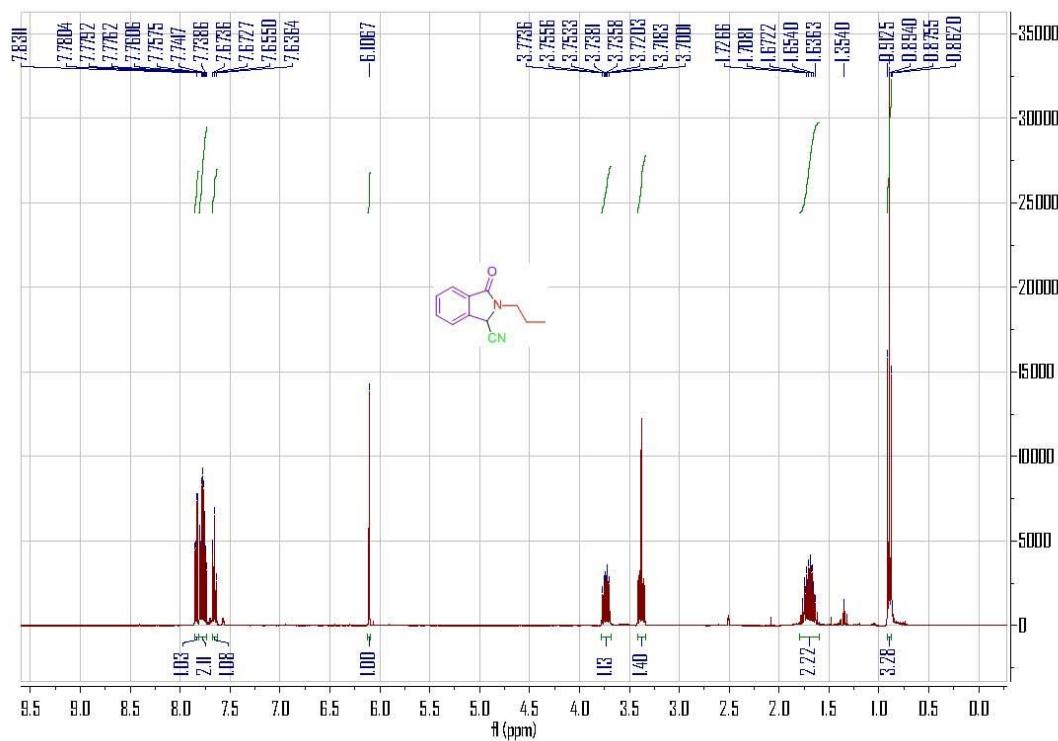
S36. ^{13}C NMR spectrum of compound **4i**.

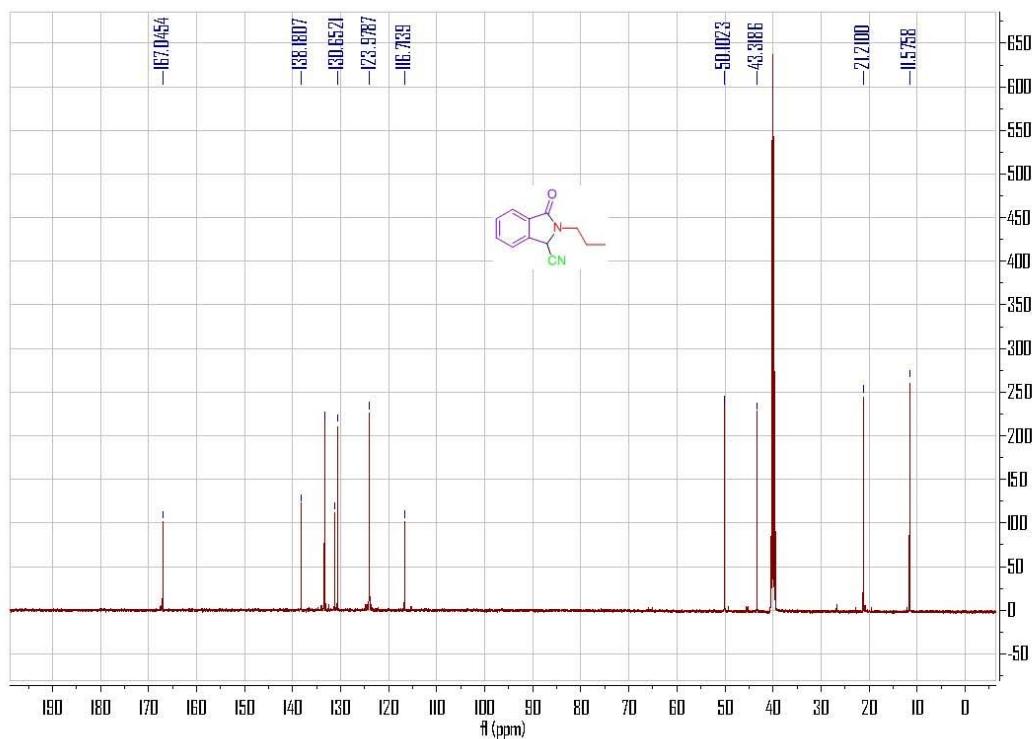
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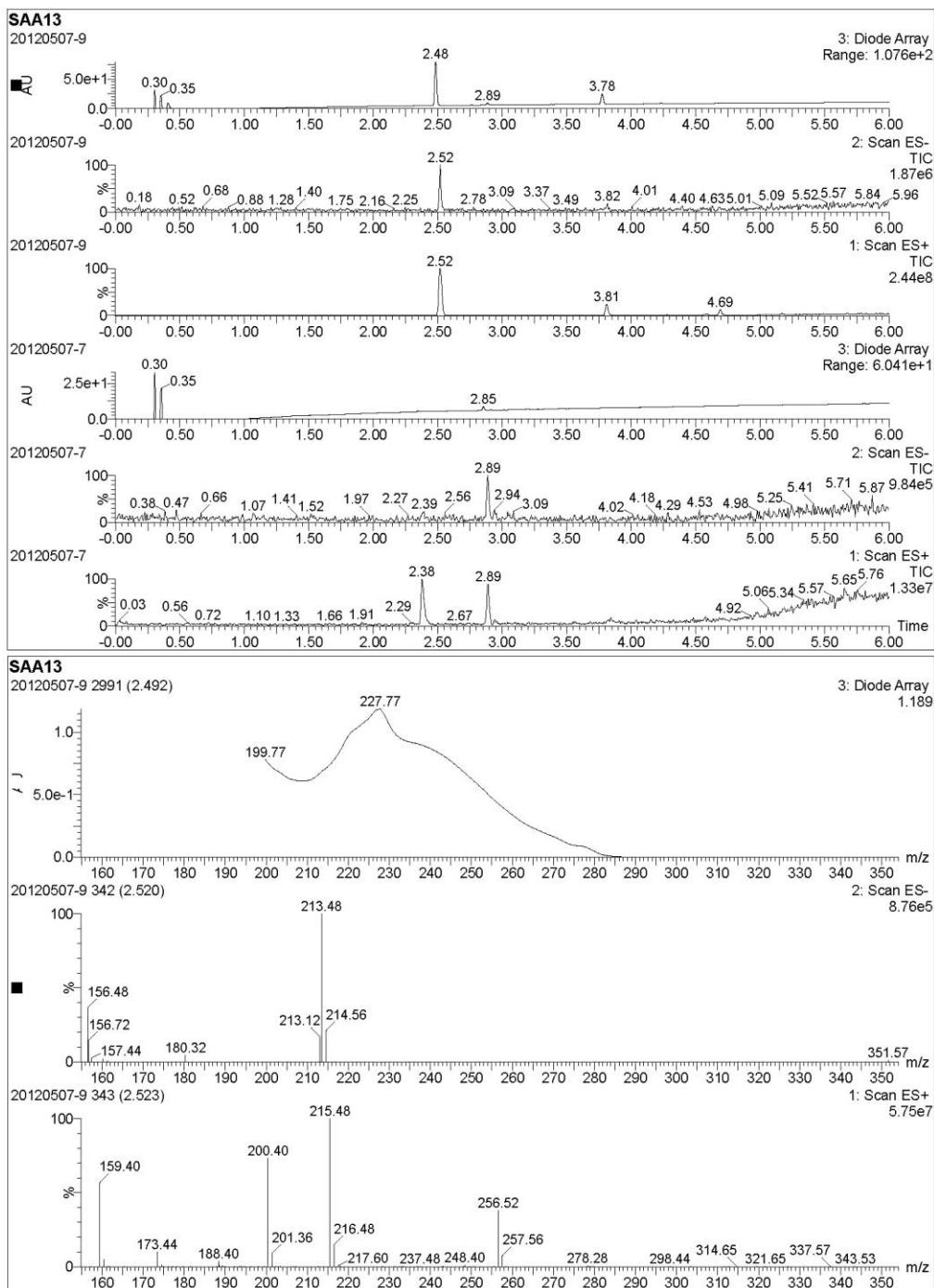
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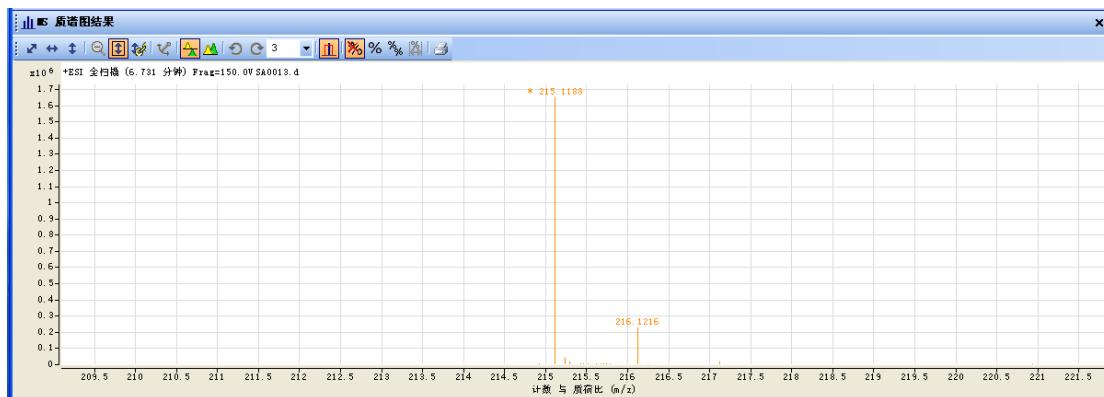
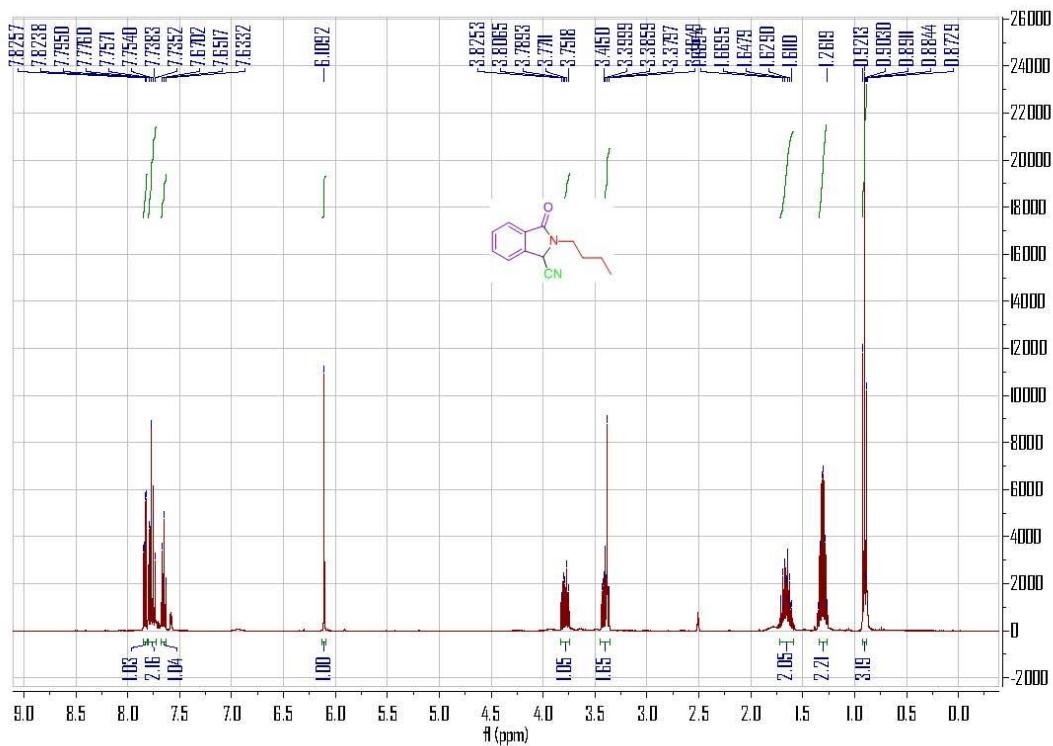


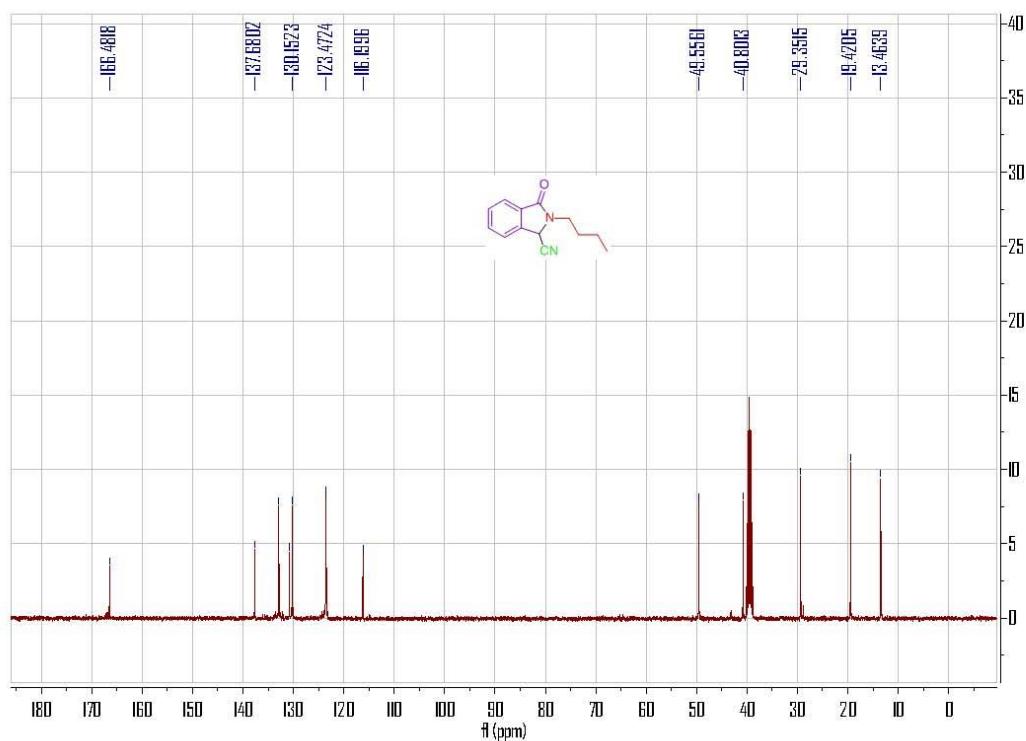
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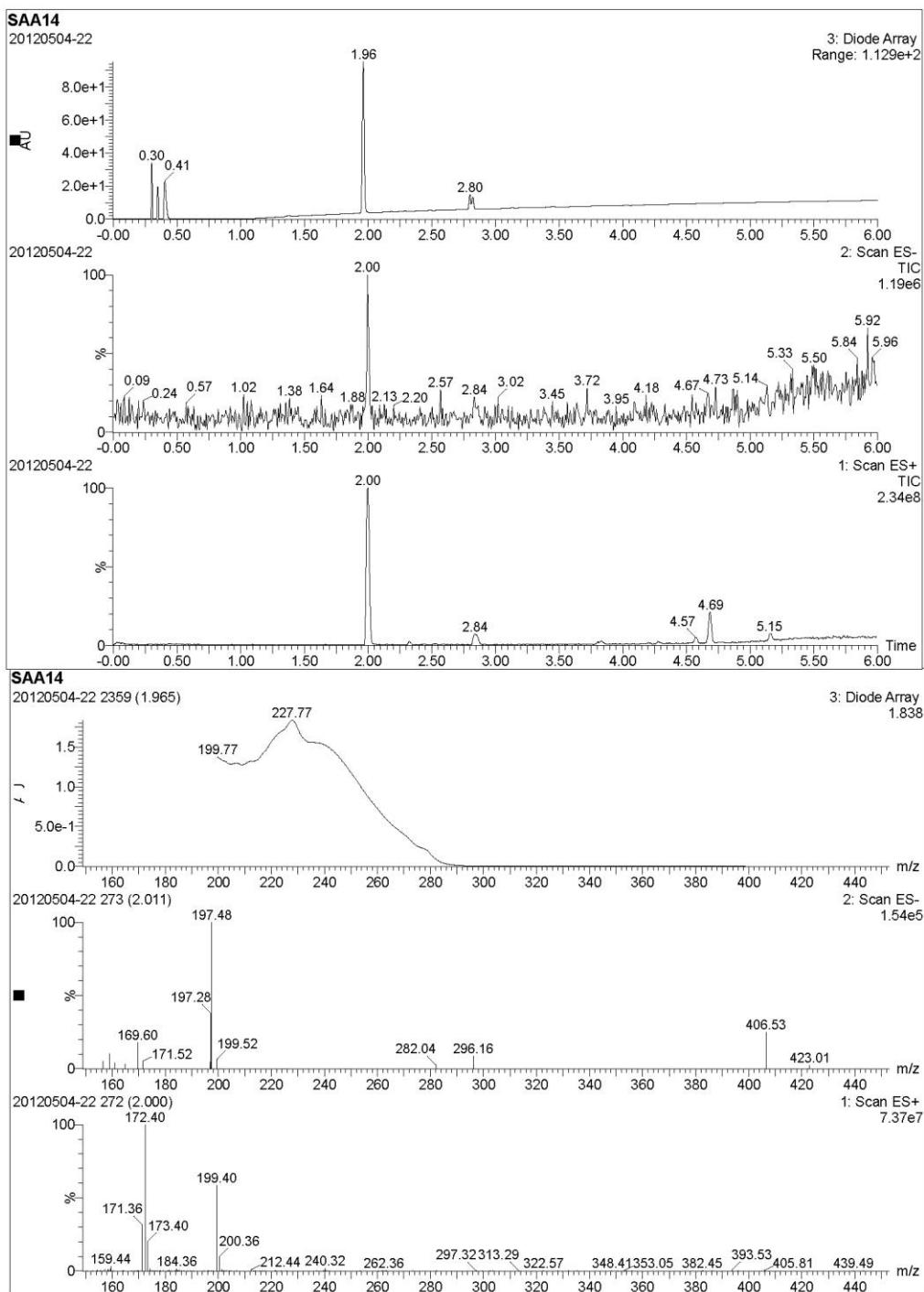


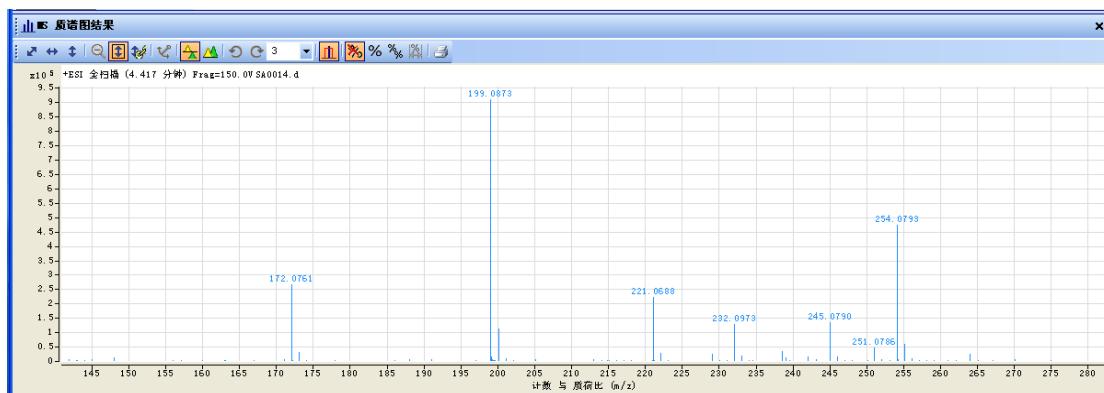
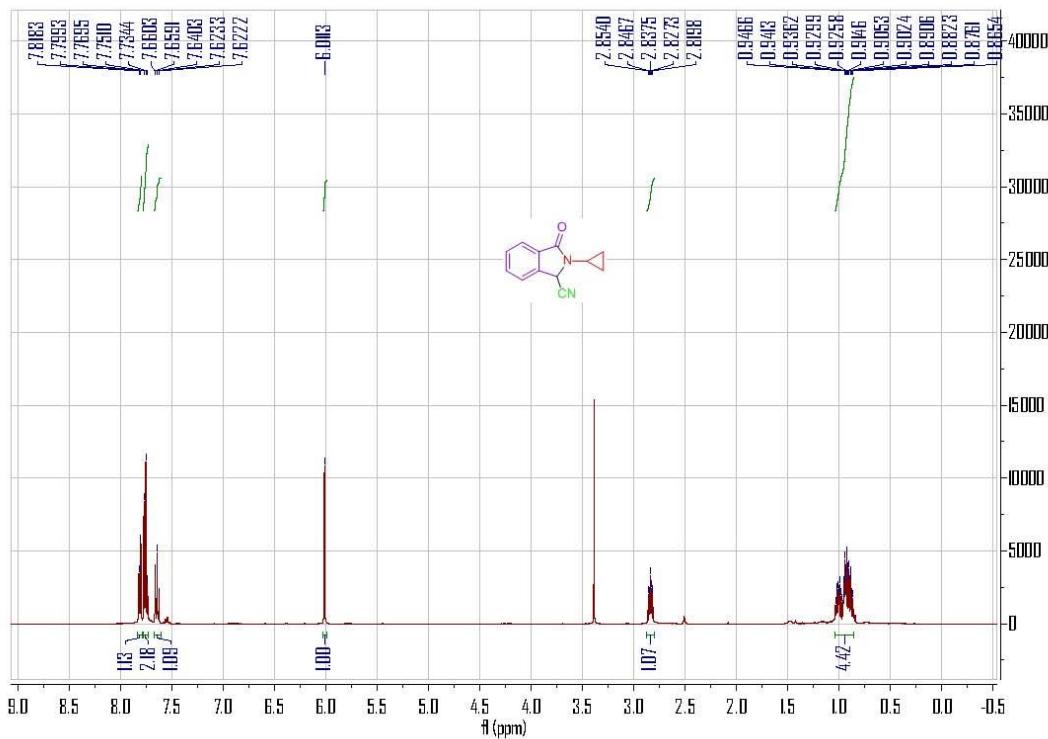
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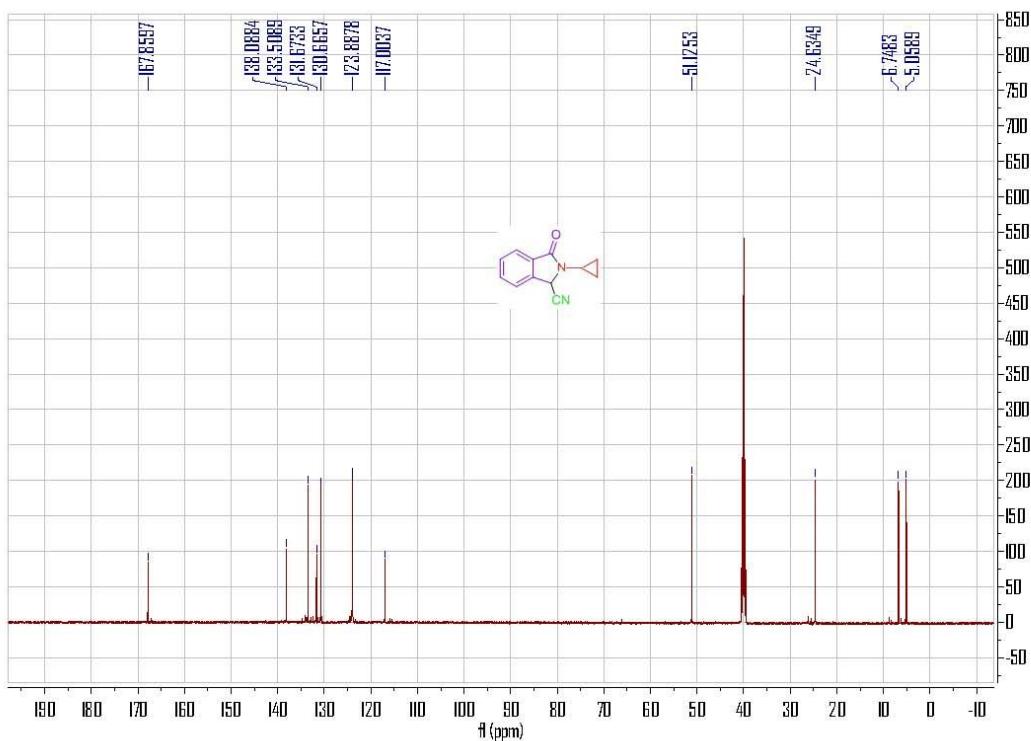
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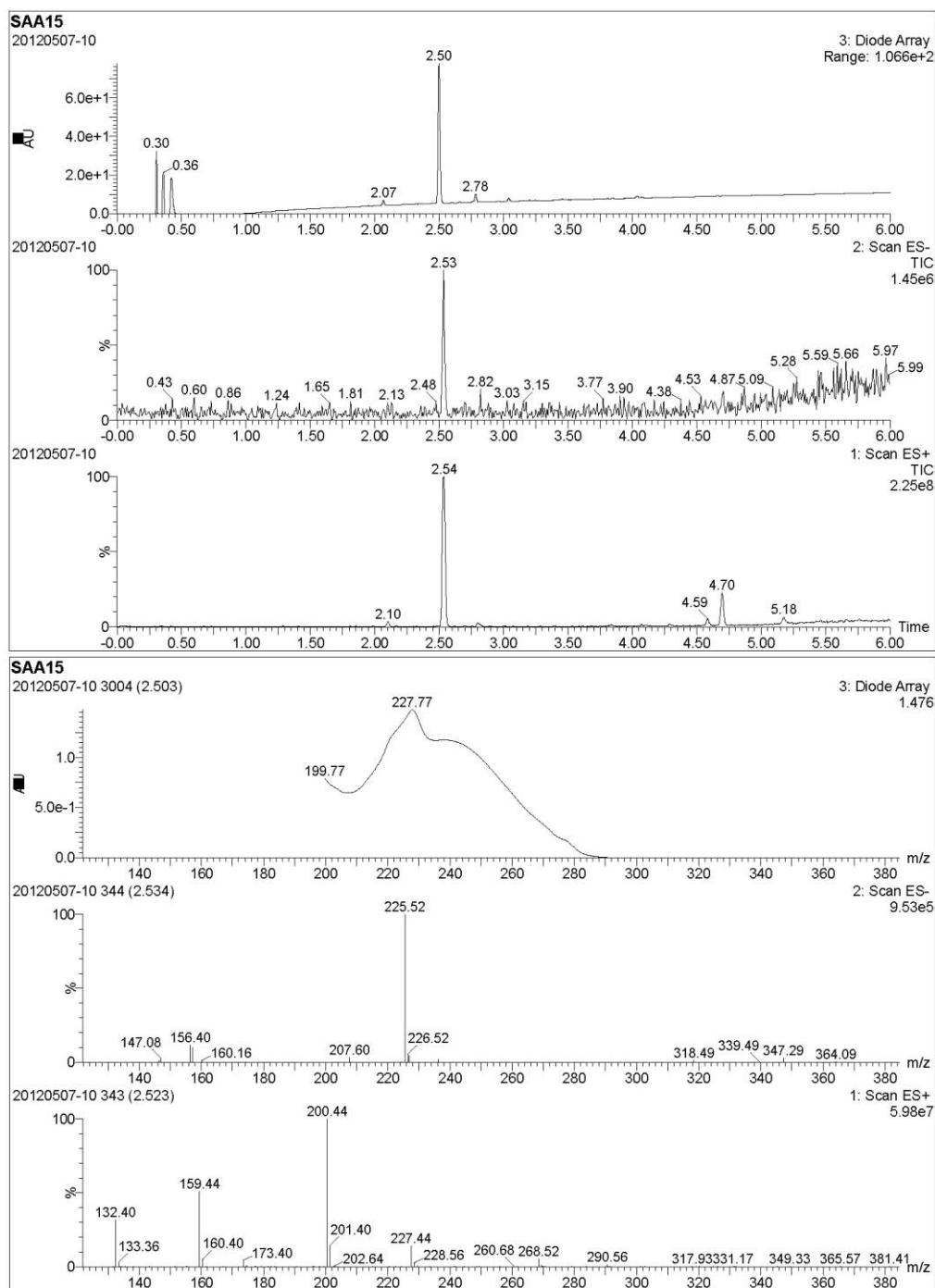
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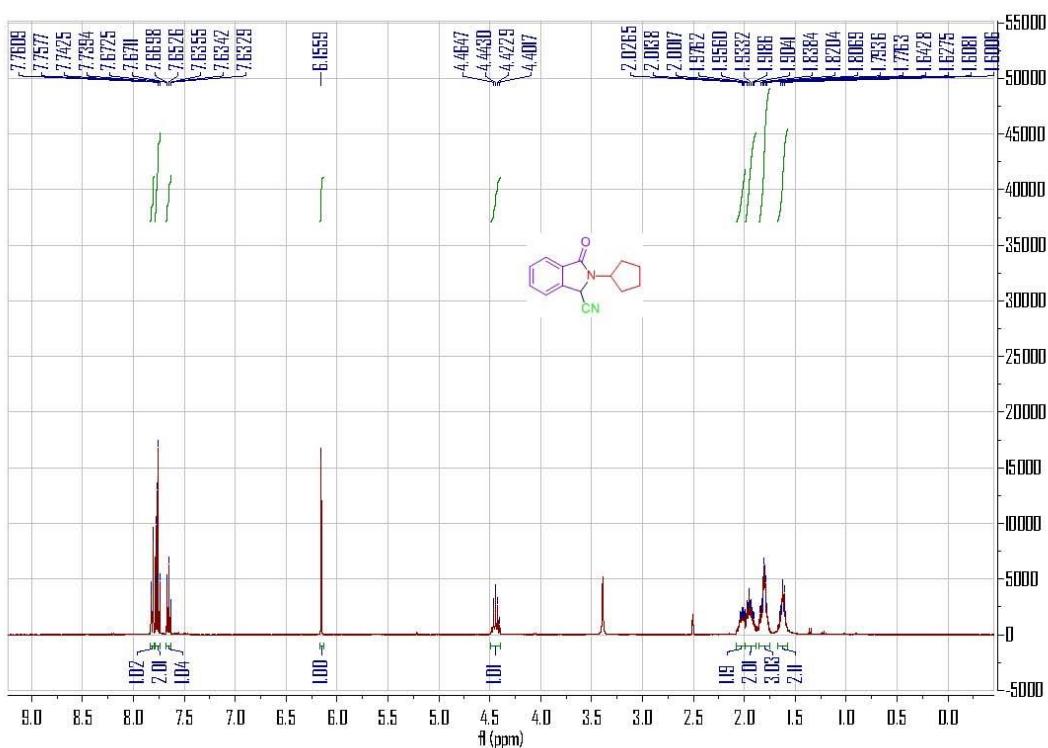
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S45. LCMS spectrum of compound **4l**.

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