

Electronic Supplementary Information

for

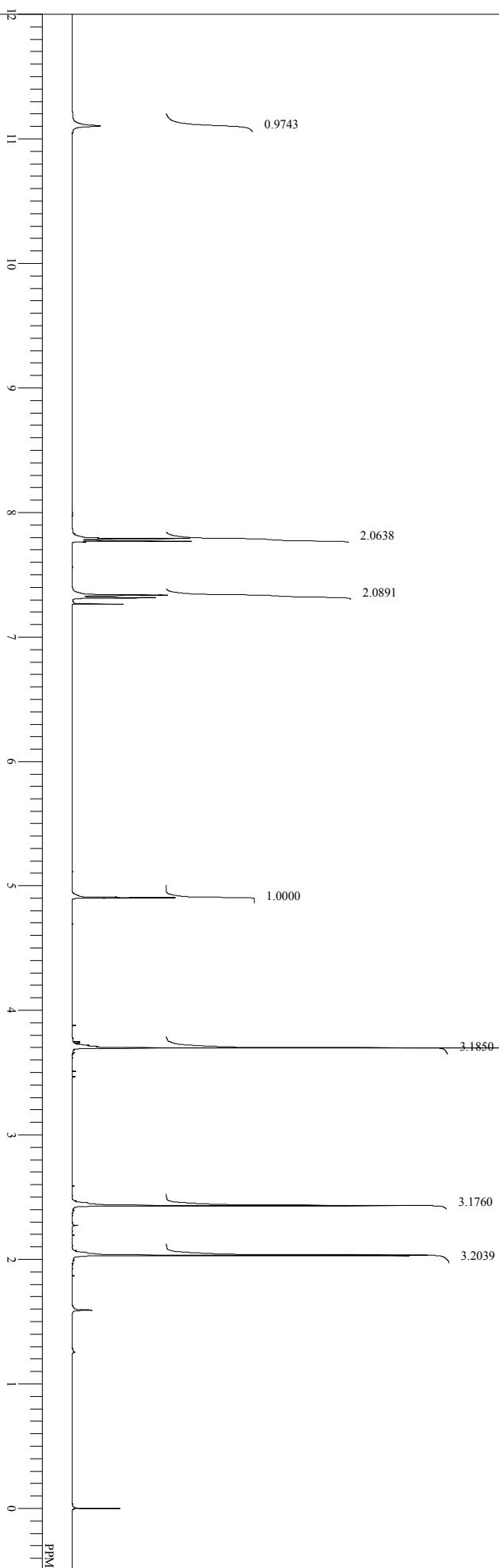
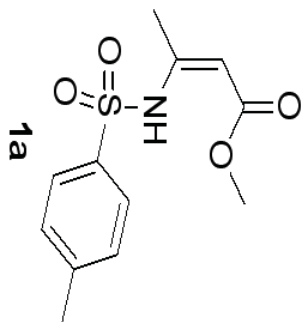
Synthesis of Functionalized 2-Vinyl-2,3-dihydropyrroles and 3-Methylene-1,2,3,4-tetrahydropyridines by Palladium- Catalyzed Cyclization of β -Enaminocarbonyl Compounds with Allylic Bisacetates

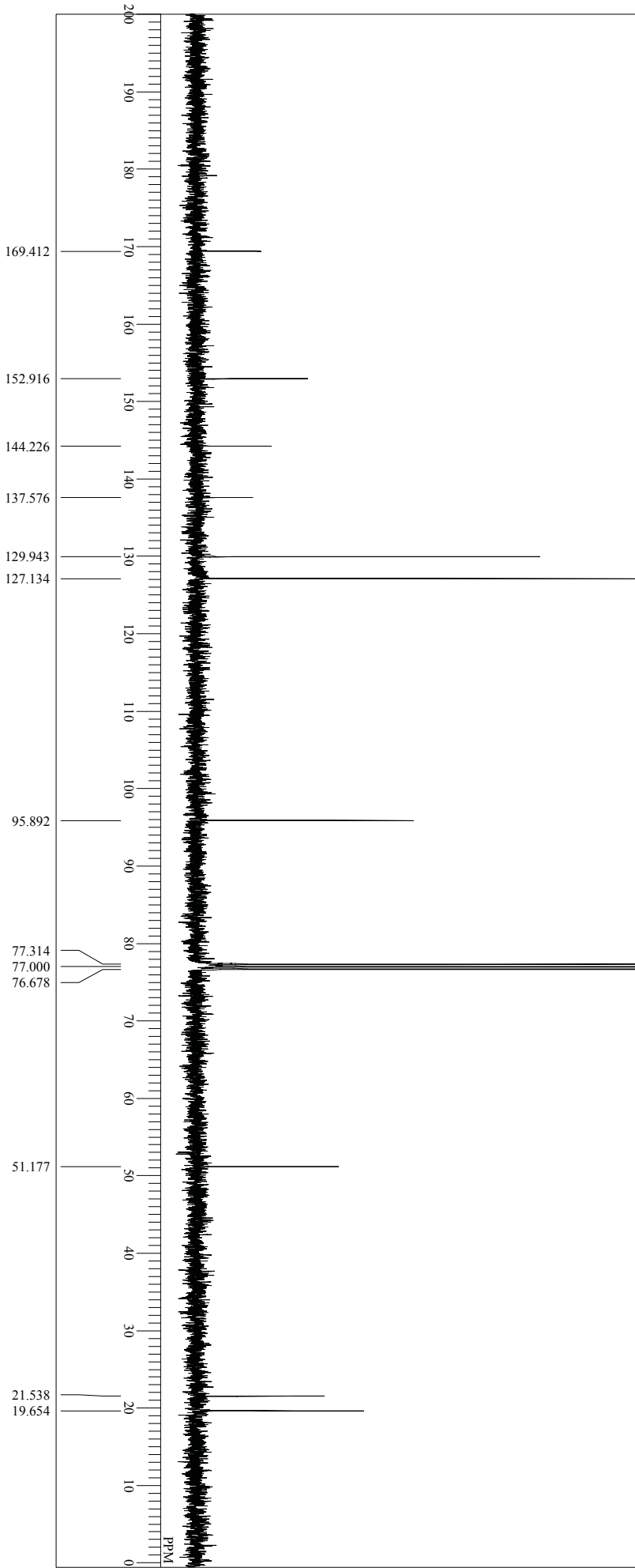
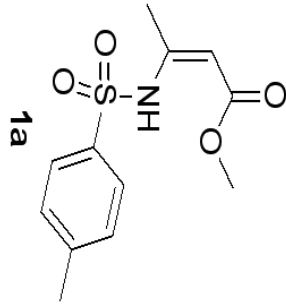
Masahiro Yoshida,* Kouki Kinoshita and Kosuke Namba

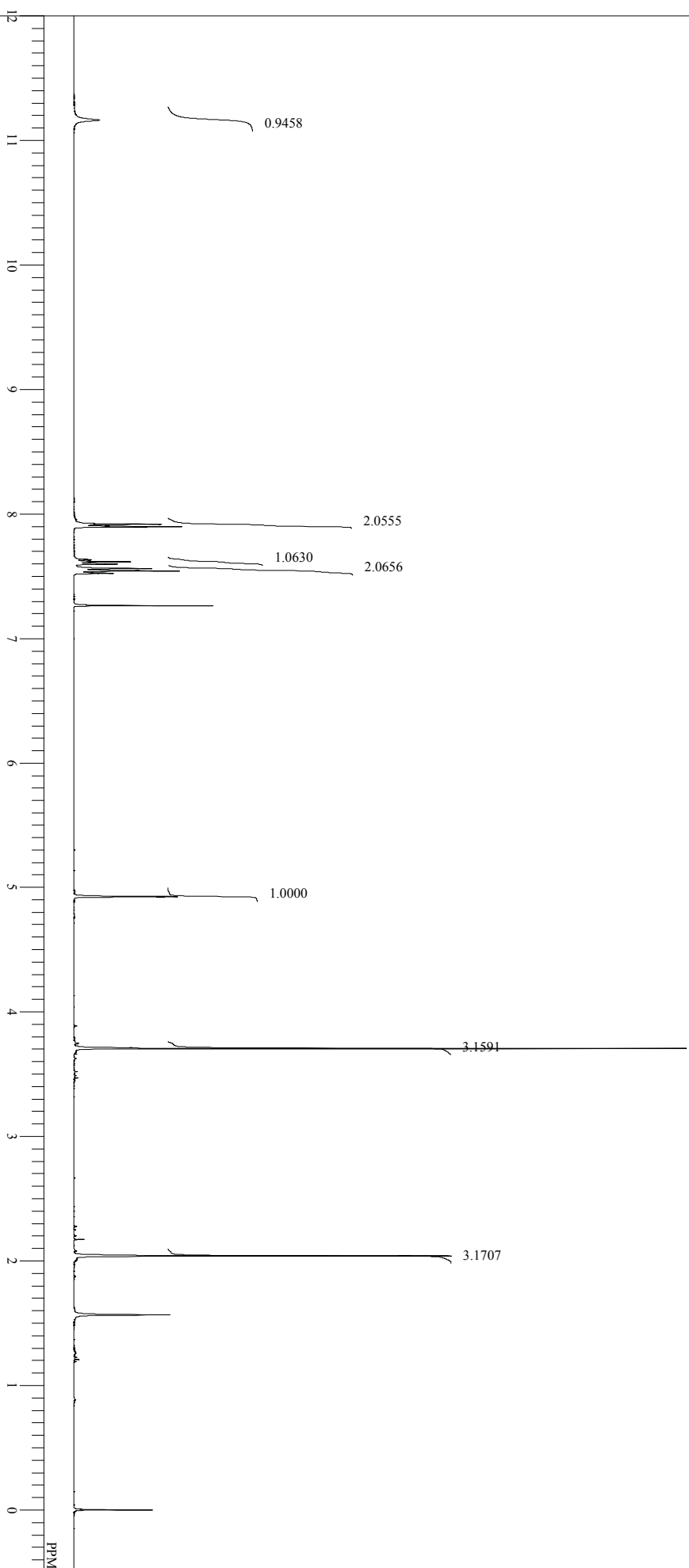
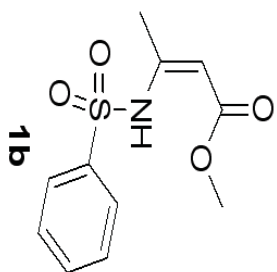
Graduate School of Pharmaceutical Sciences, The University of Tokushima, 1-78-1

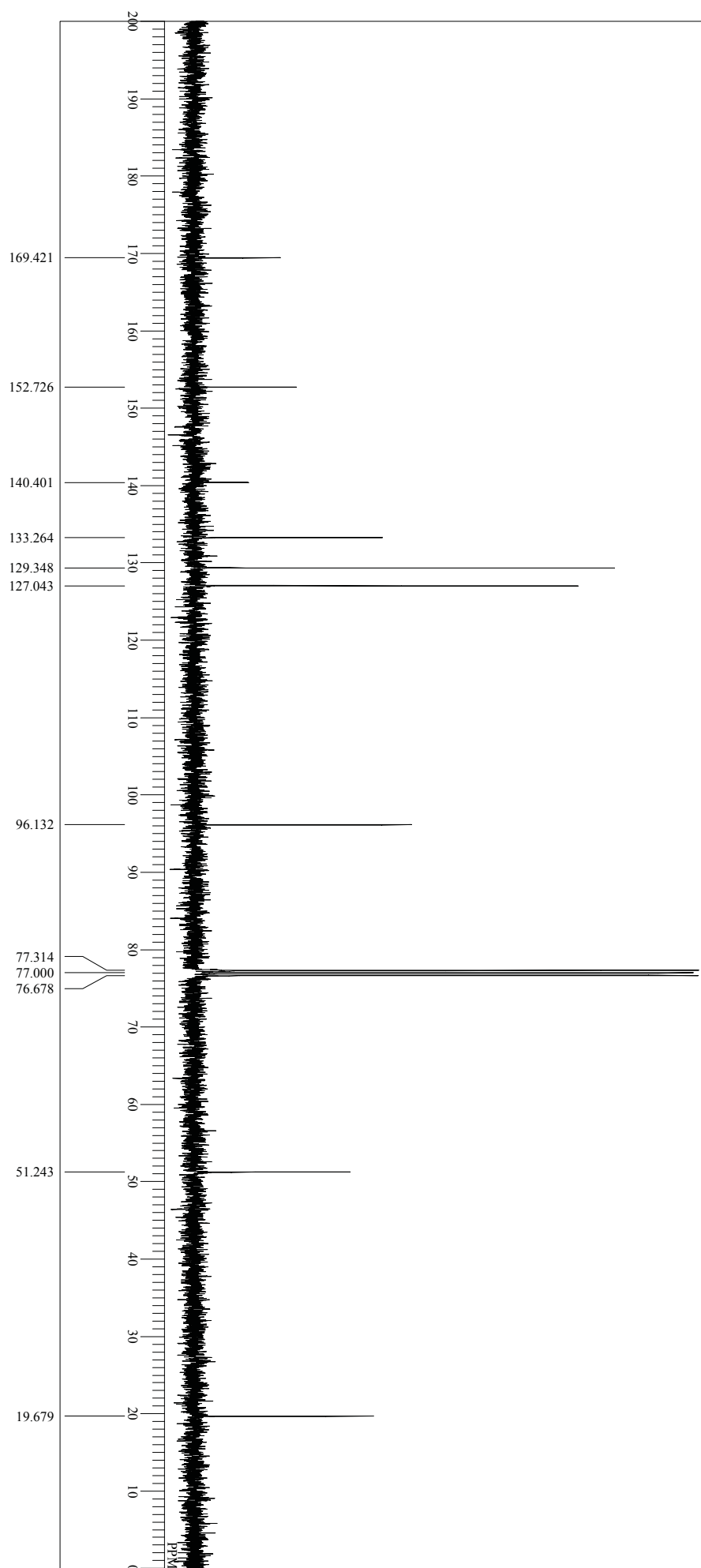
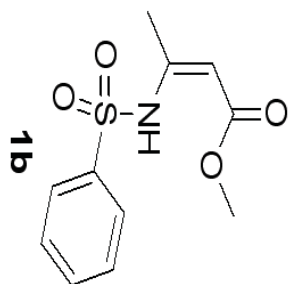
Sho-machi, Tokushima 770-8505, Japan

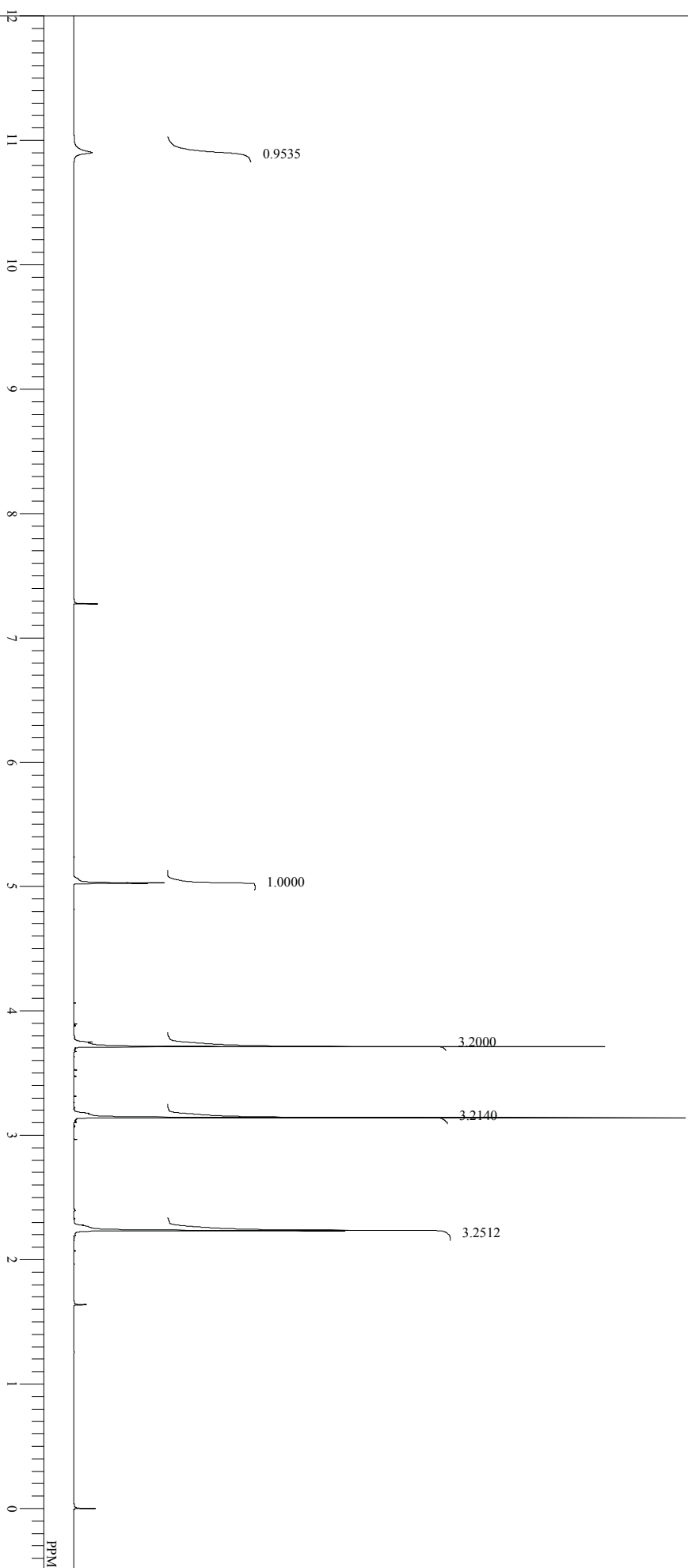
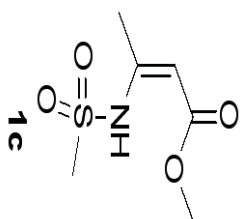
E-mail: yoshi@tokushima-u.ac.jp

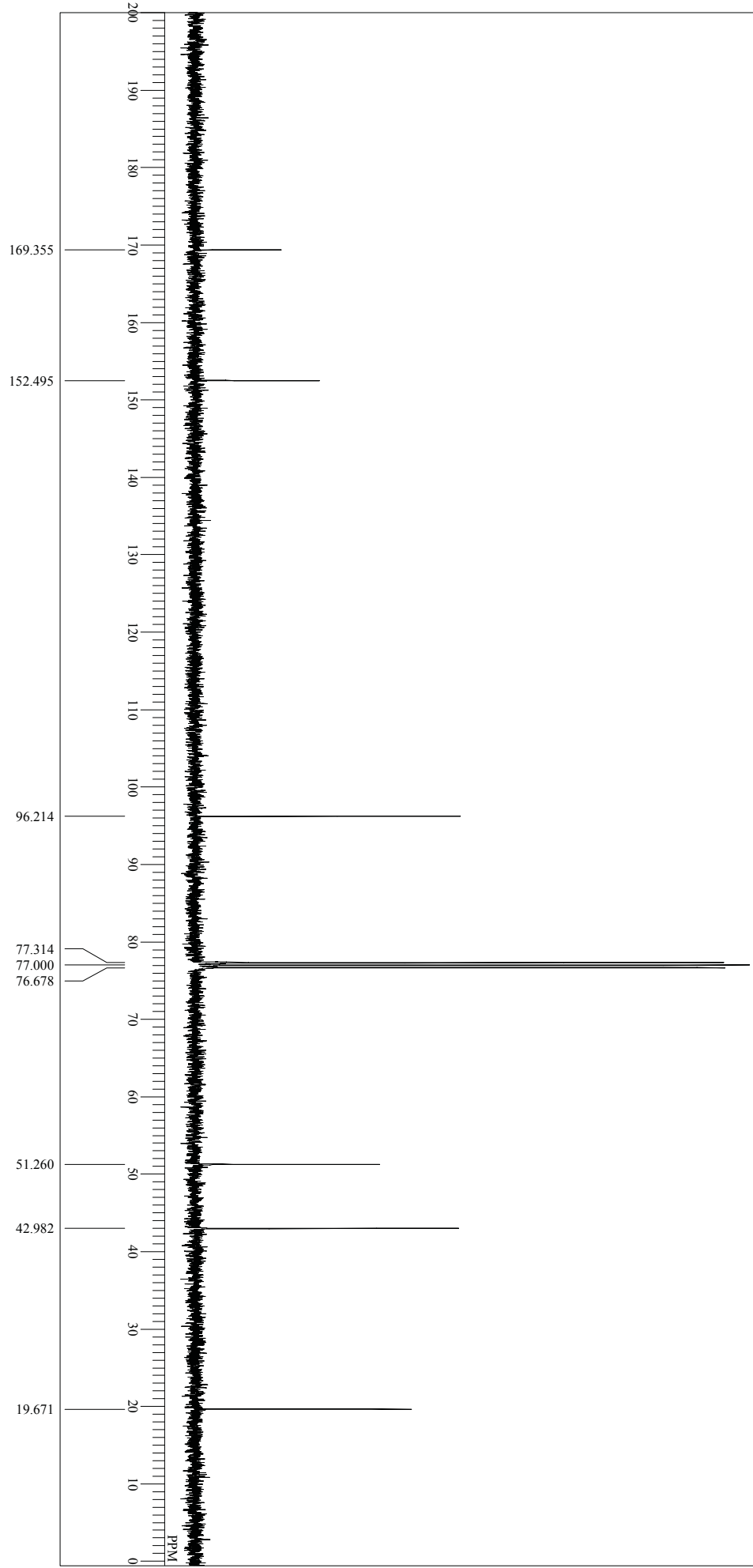
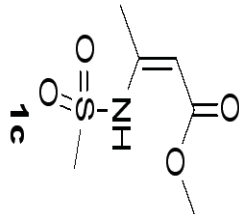


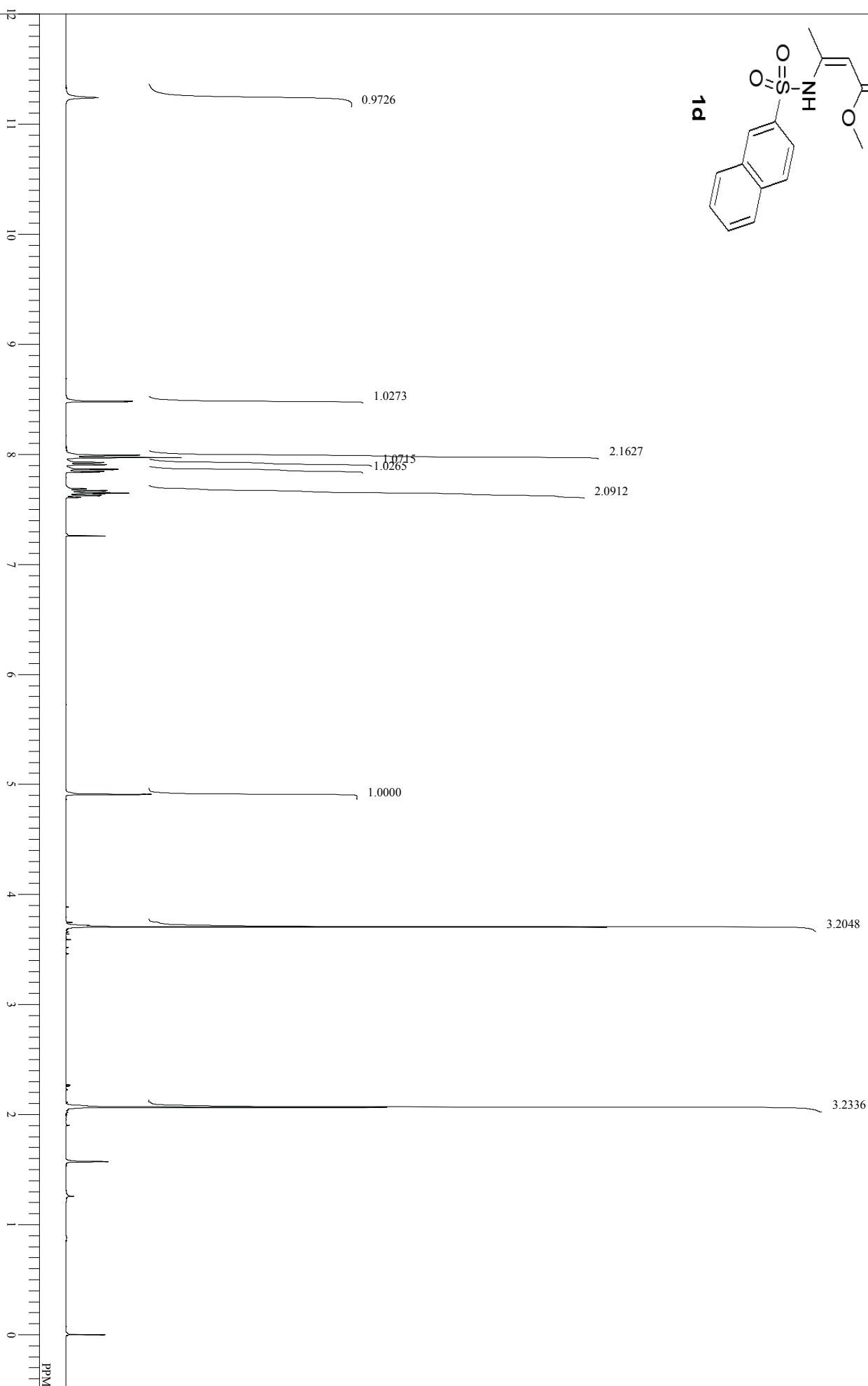
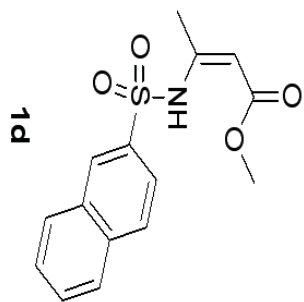


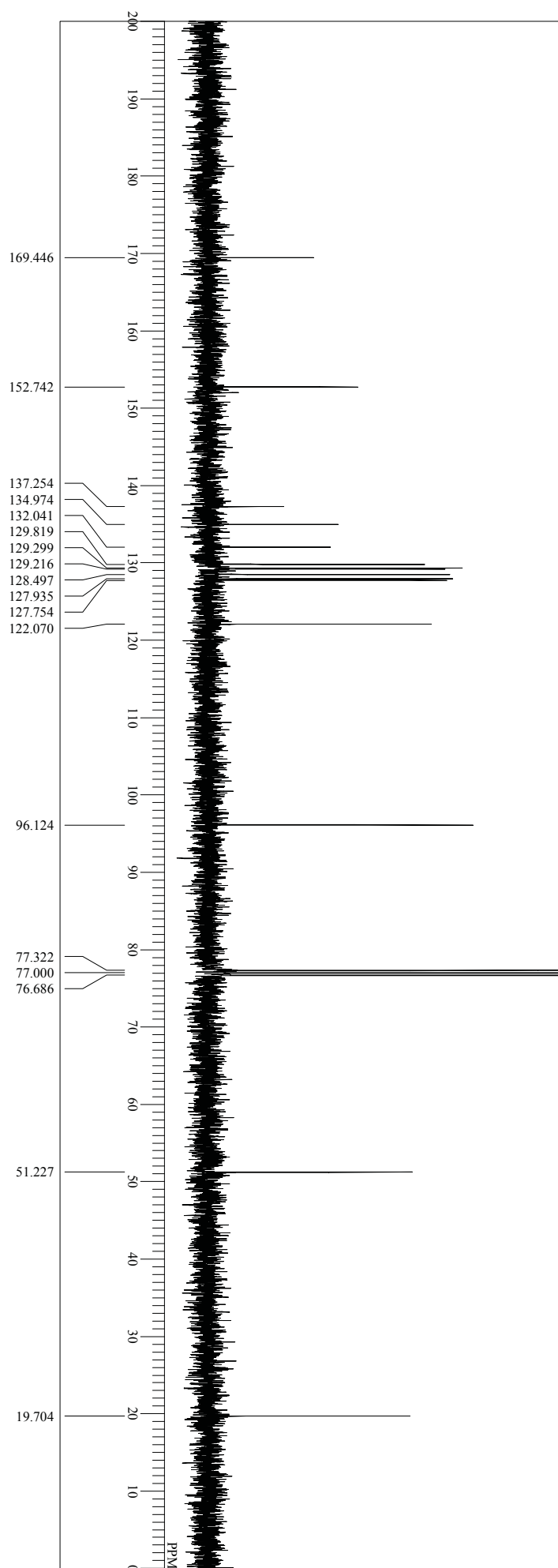
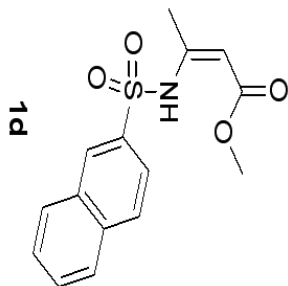


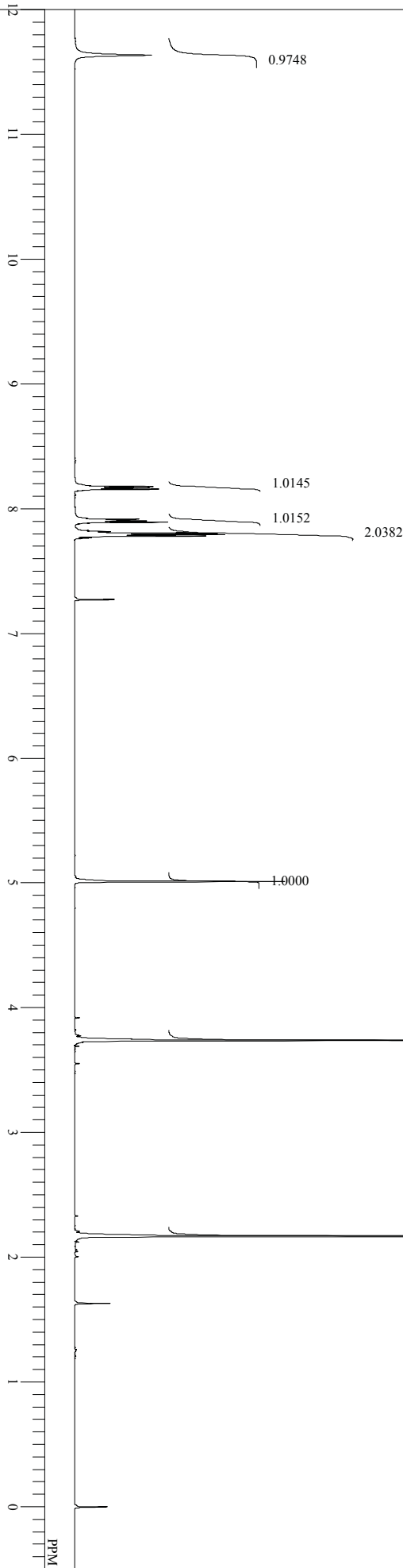
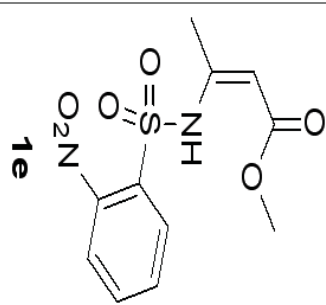


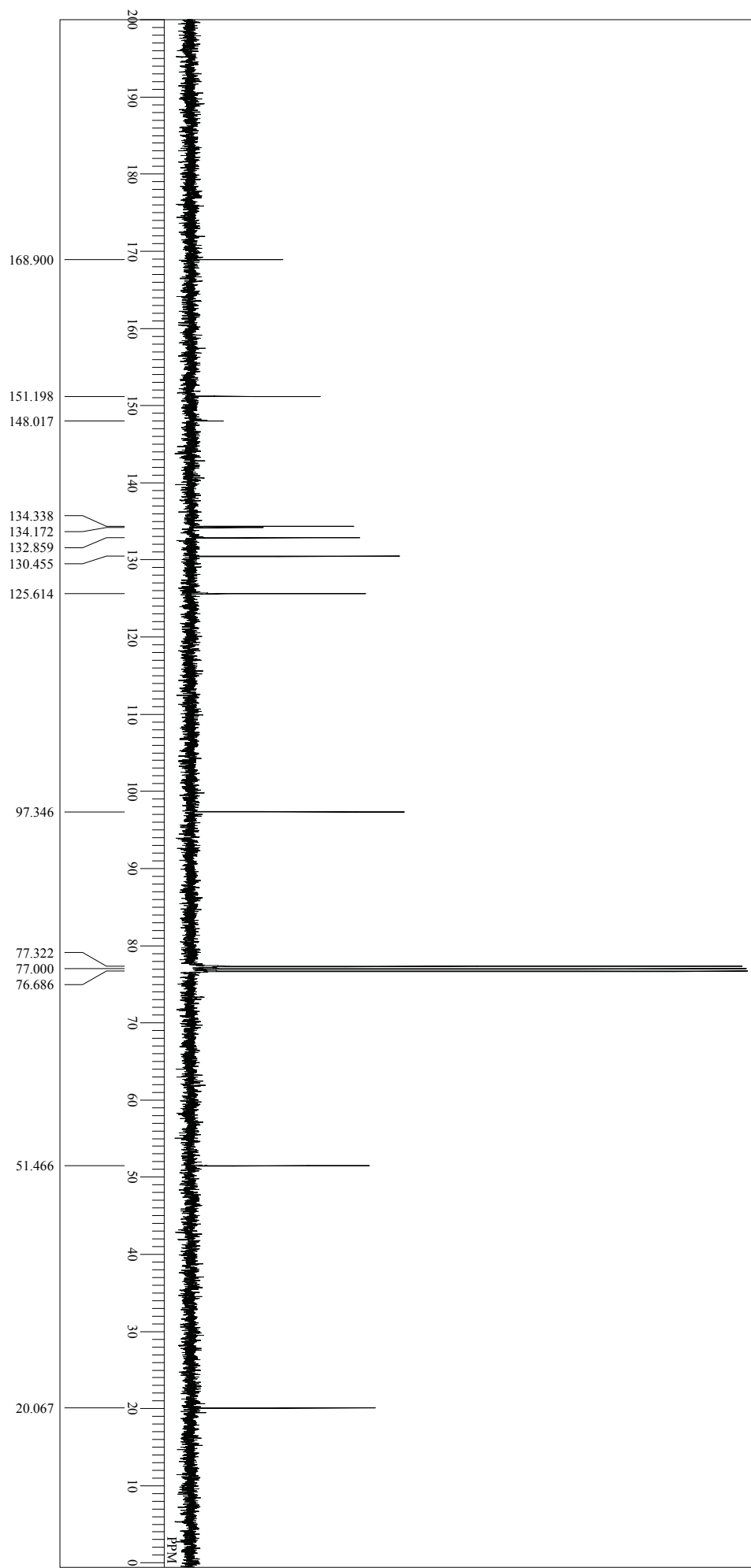
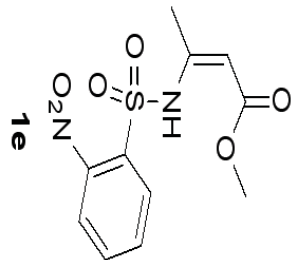


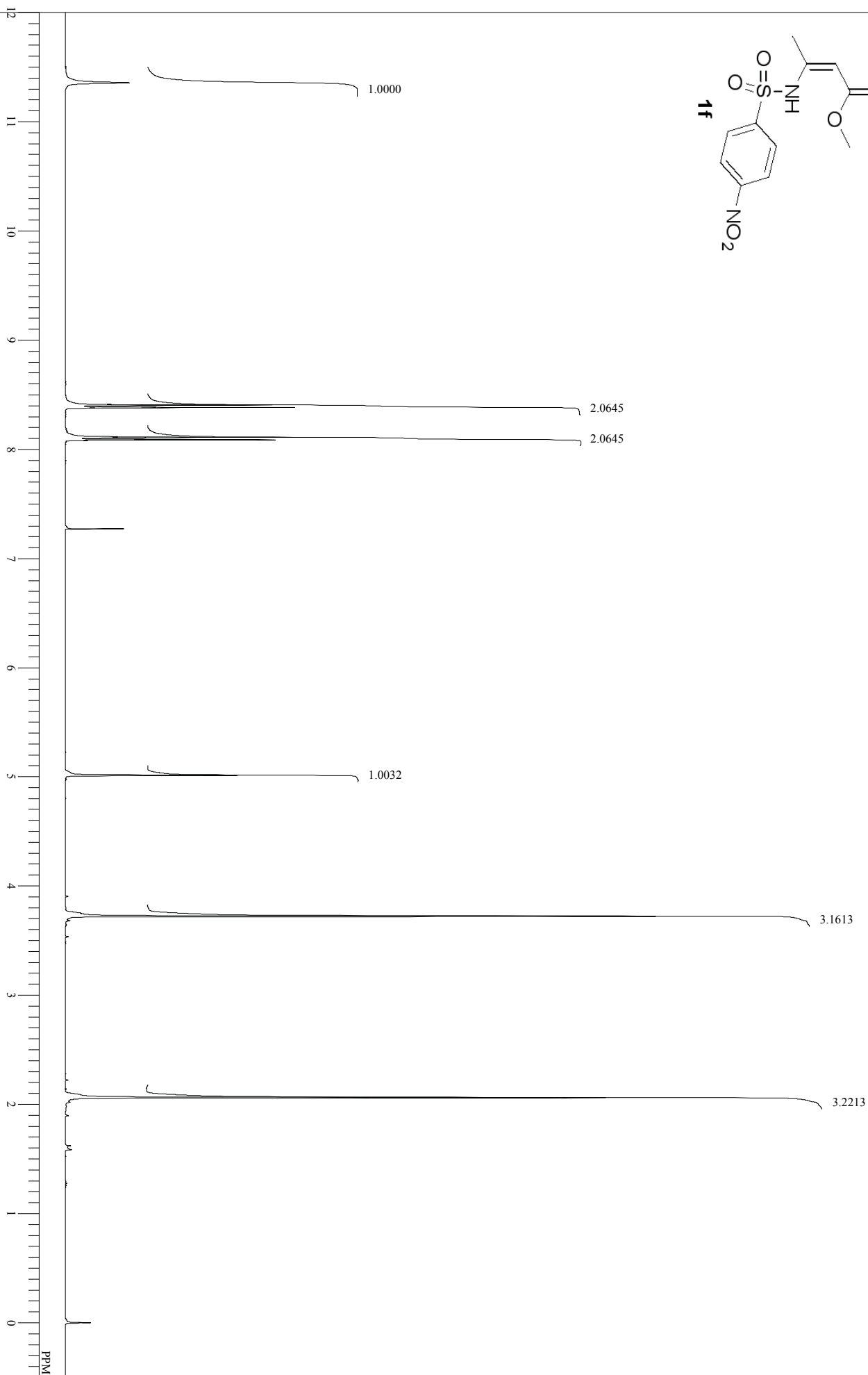
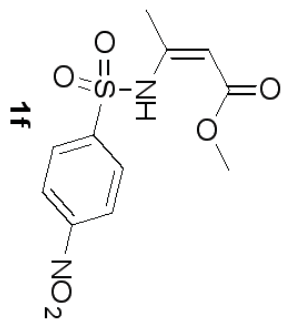


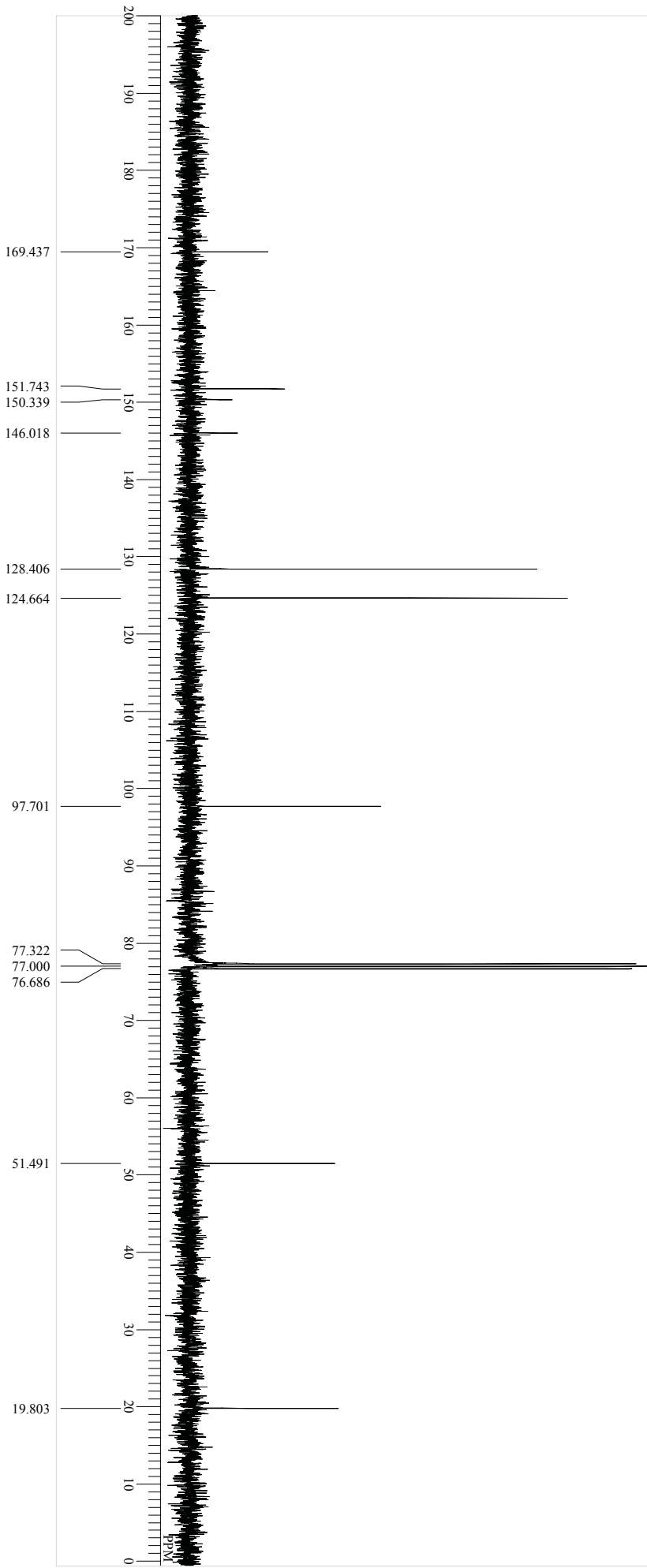
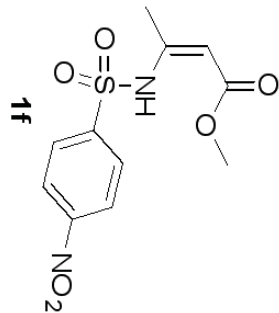


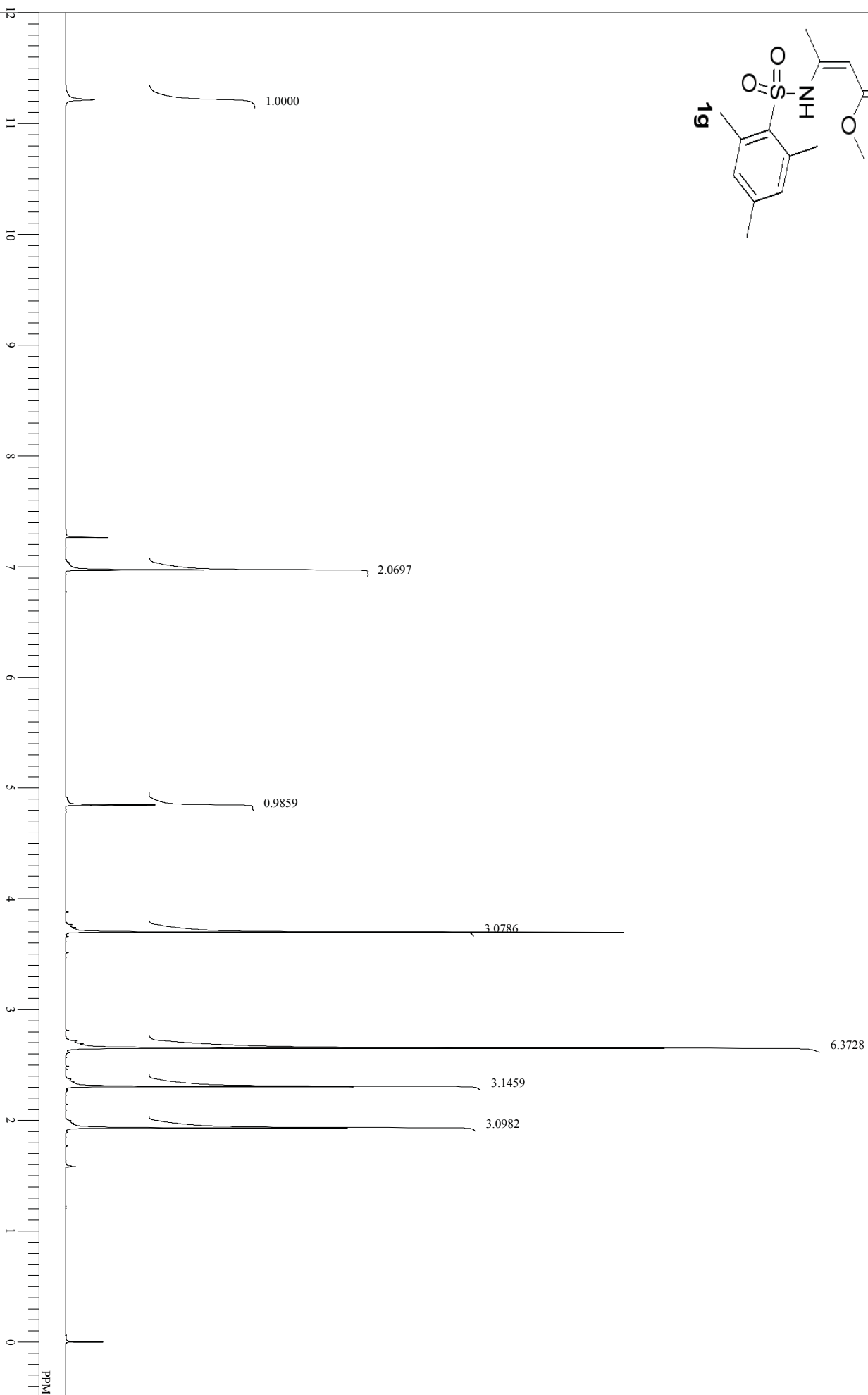
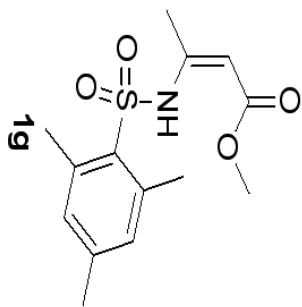


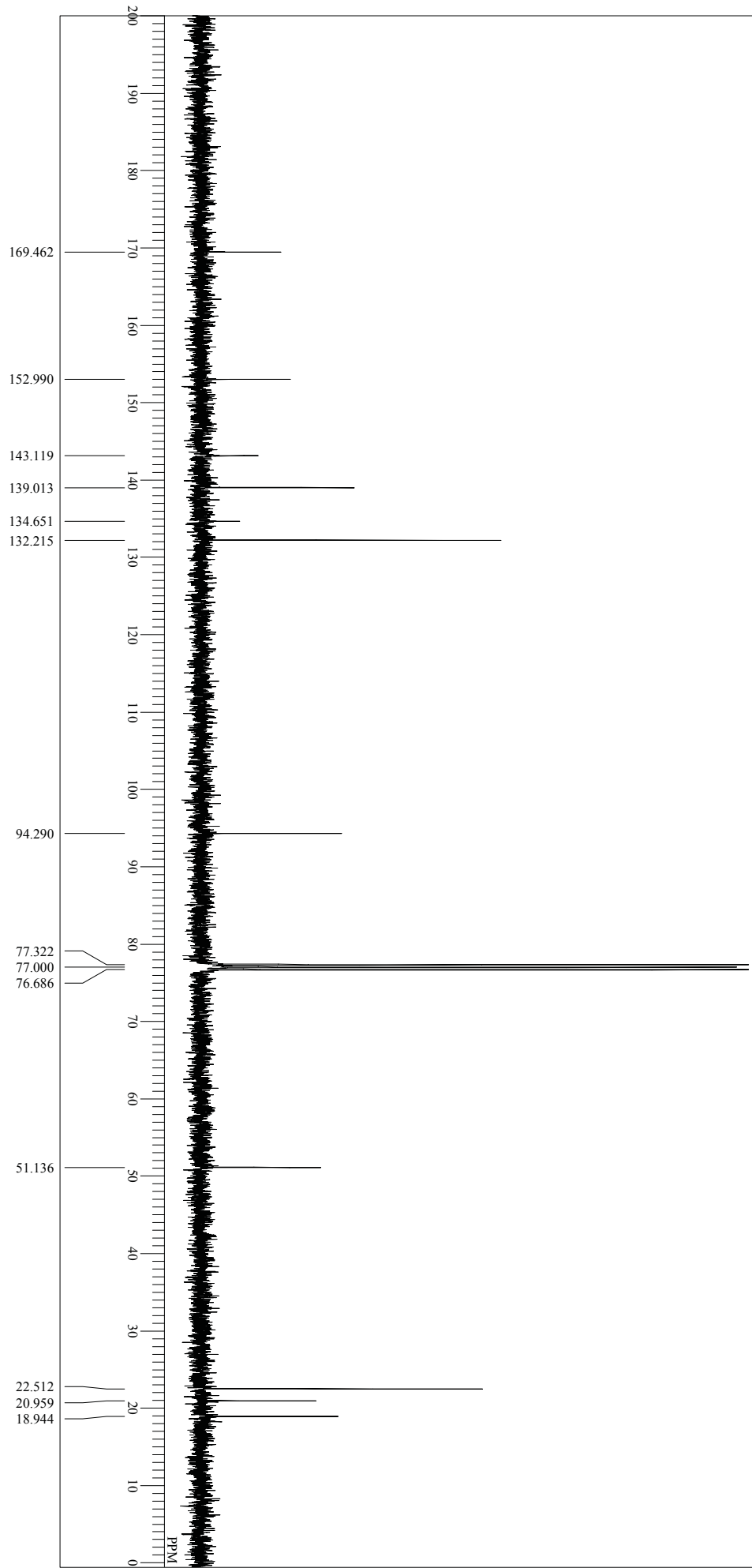
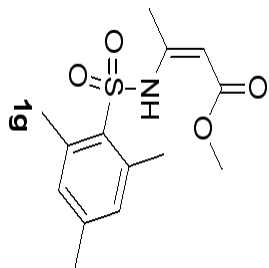


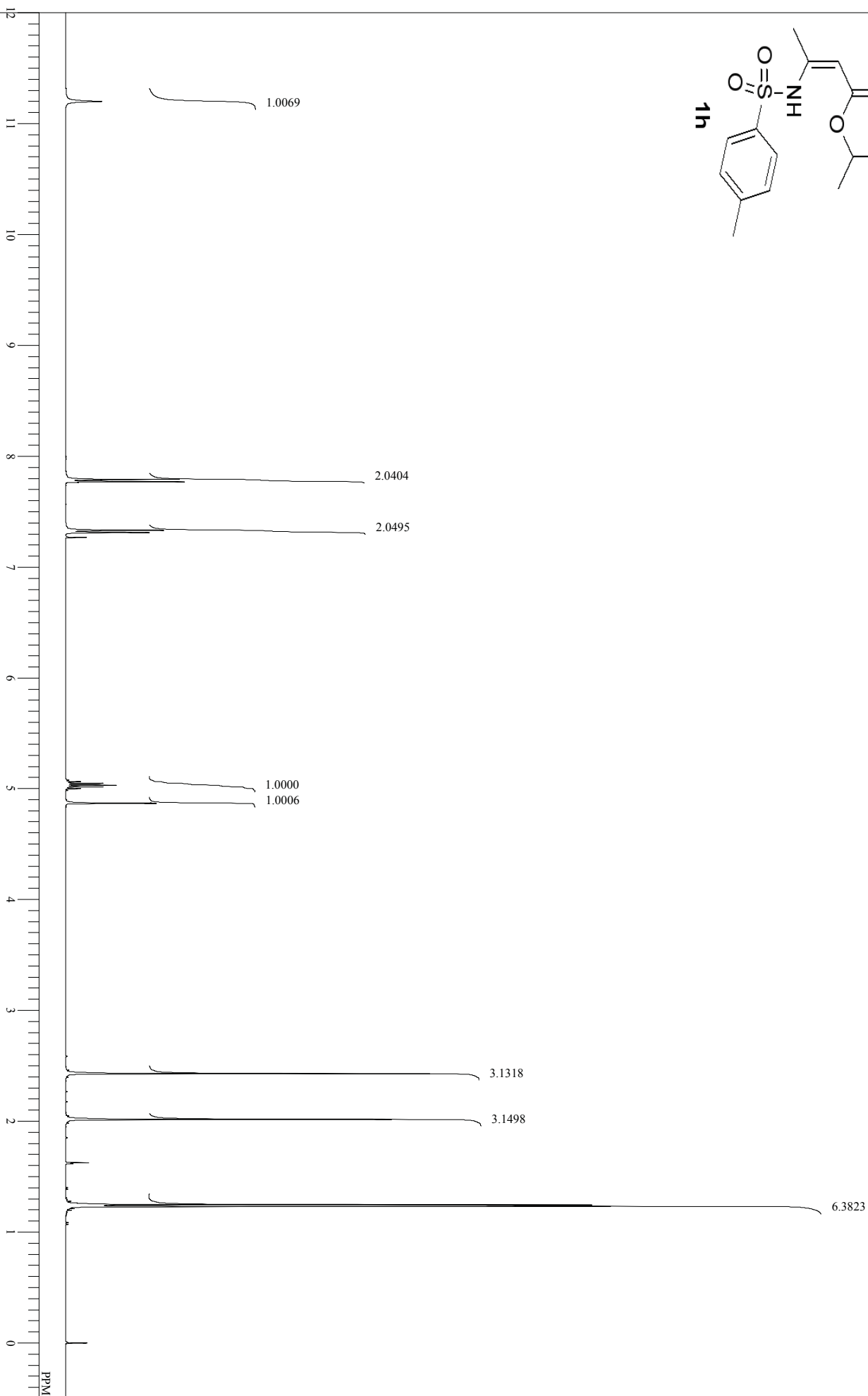
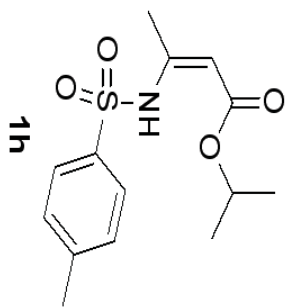


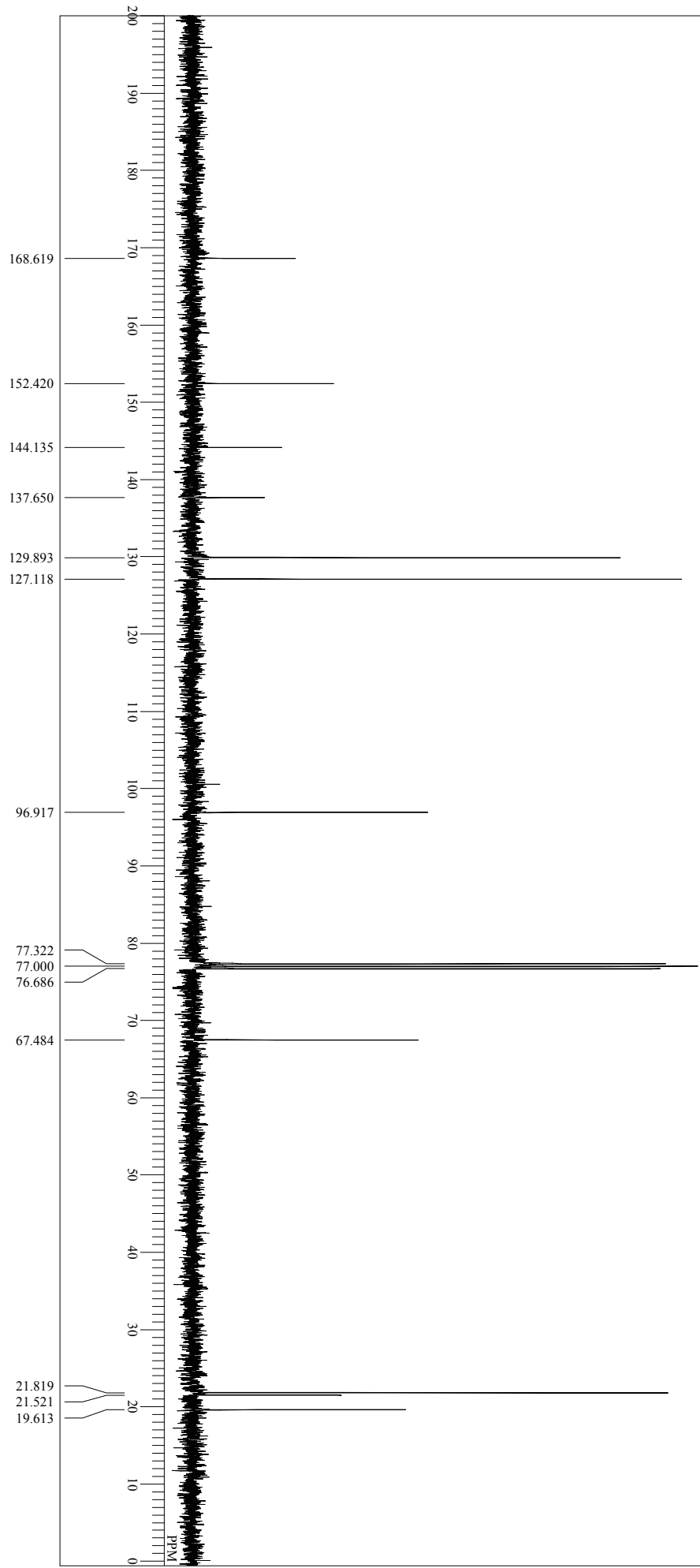
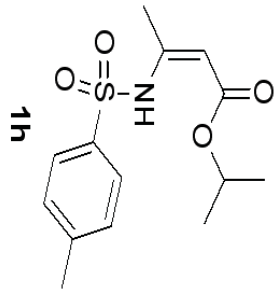


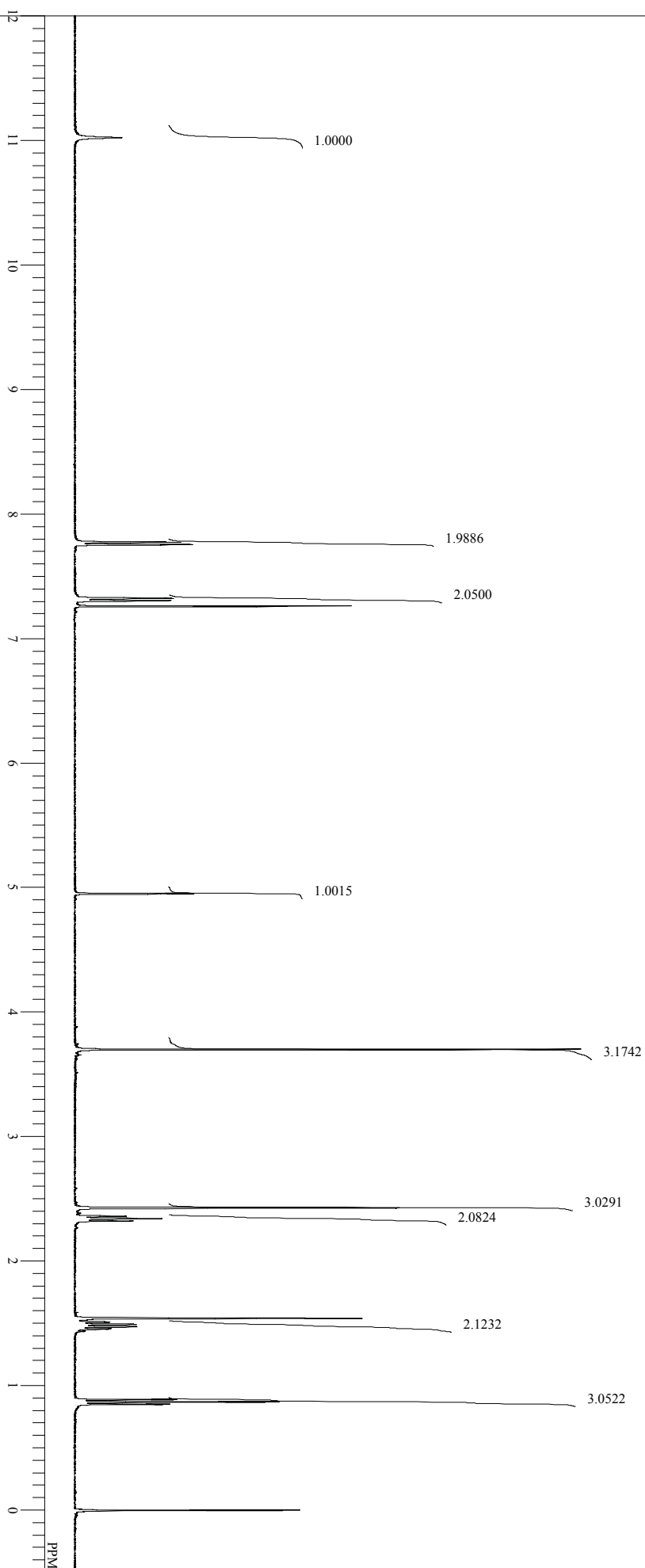
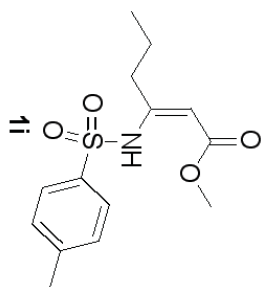


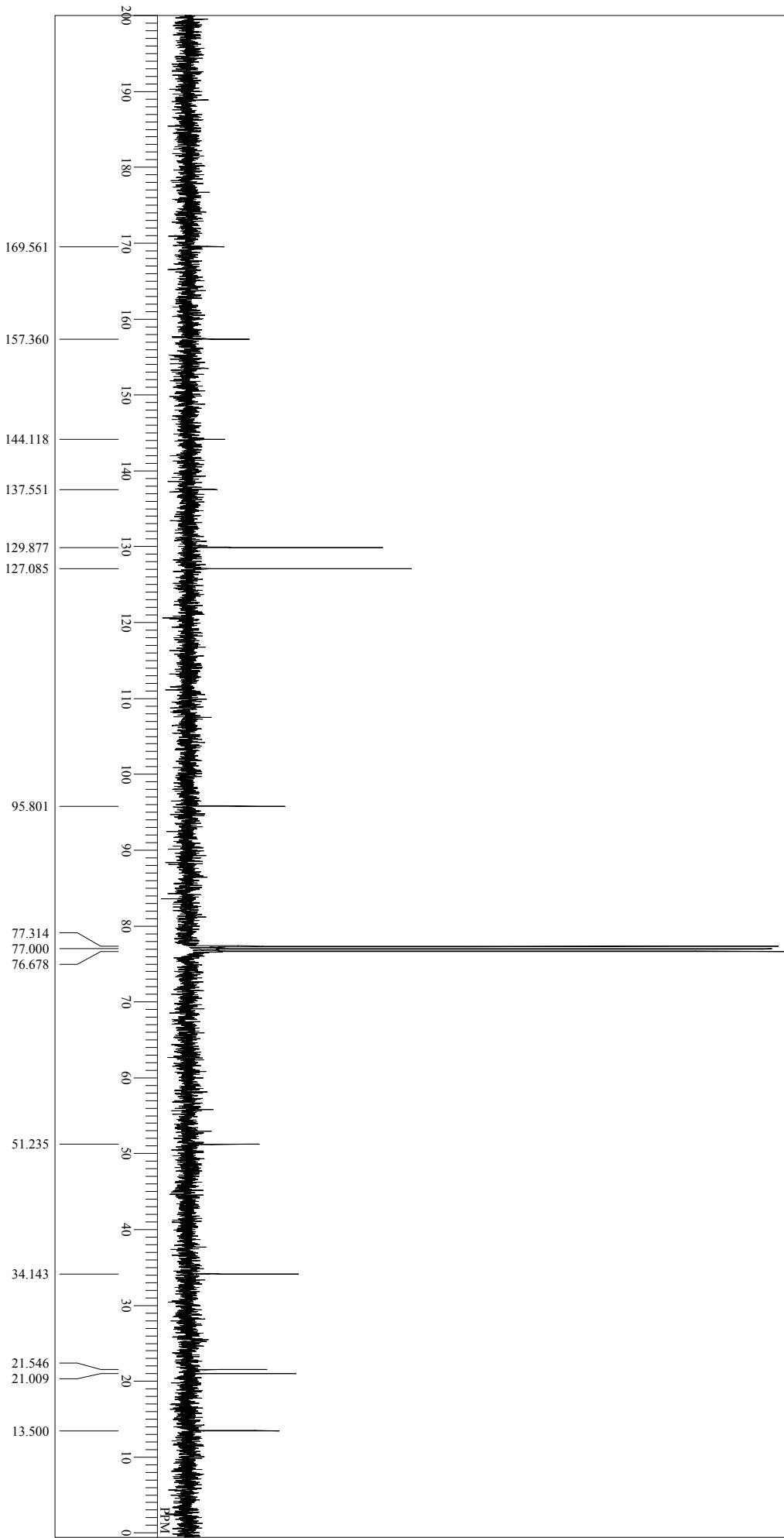
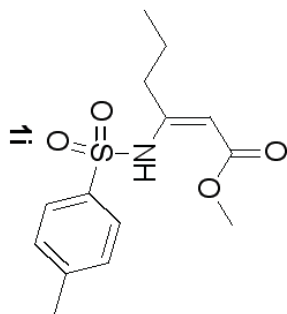


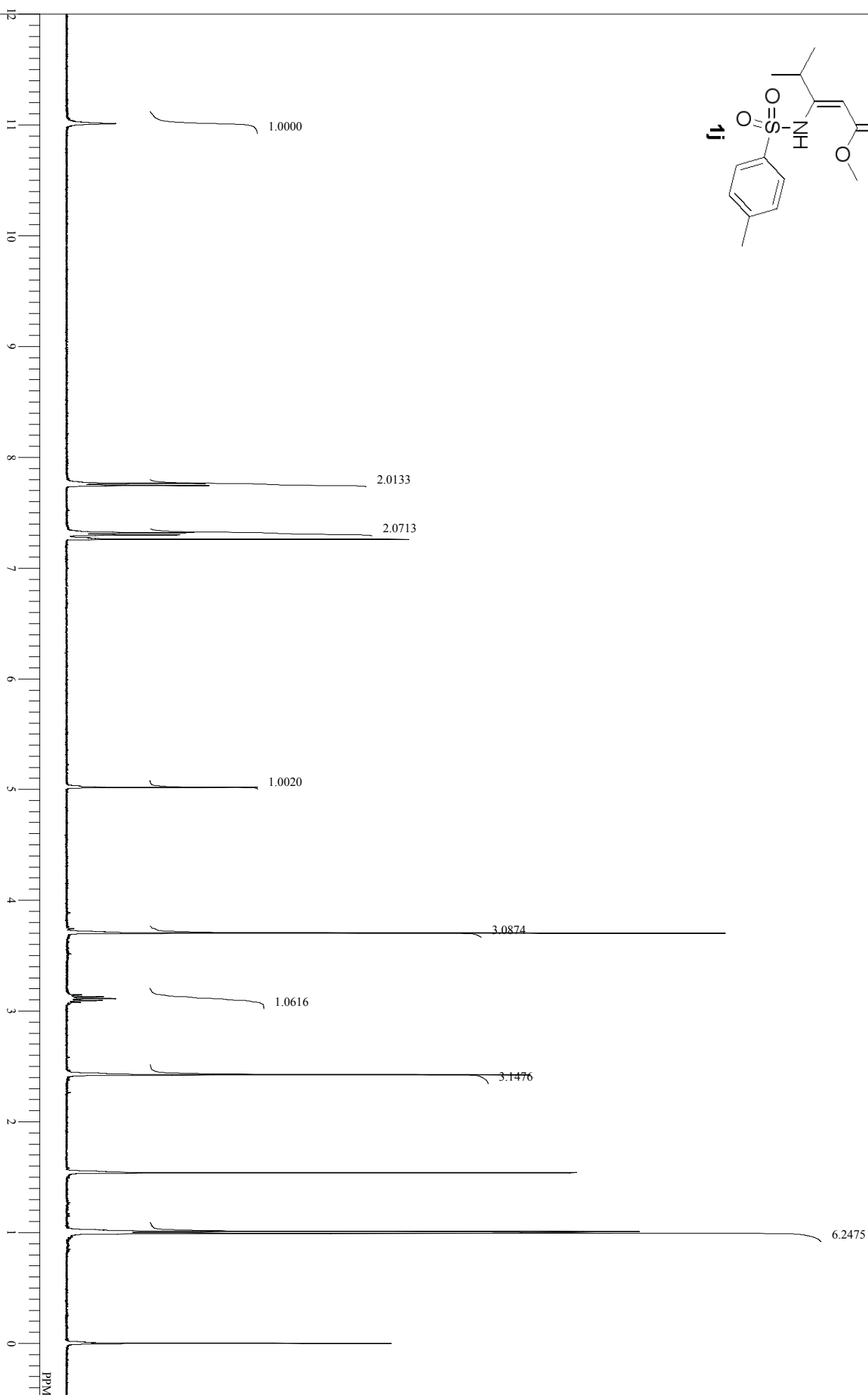
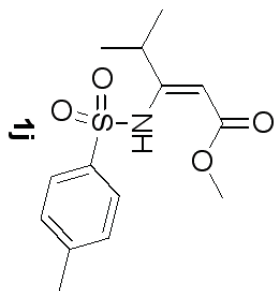


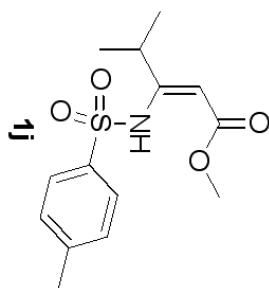


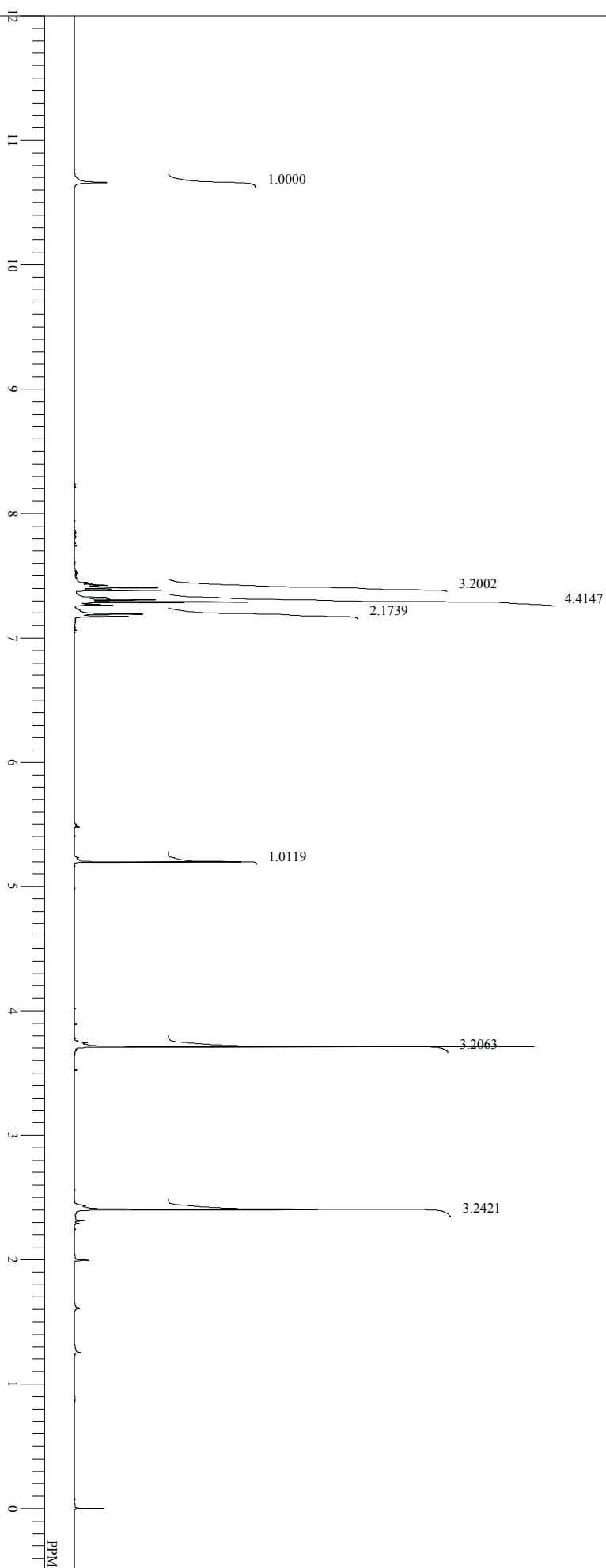
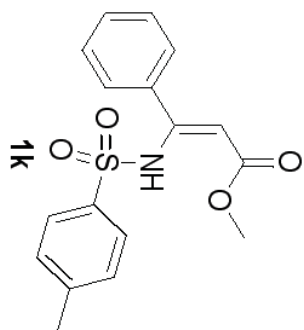


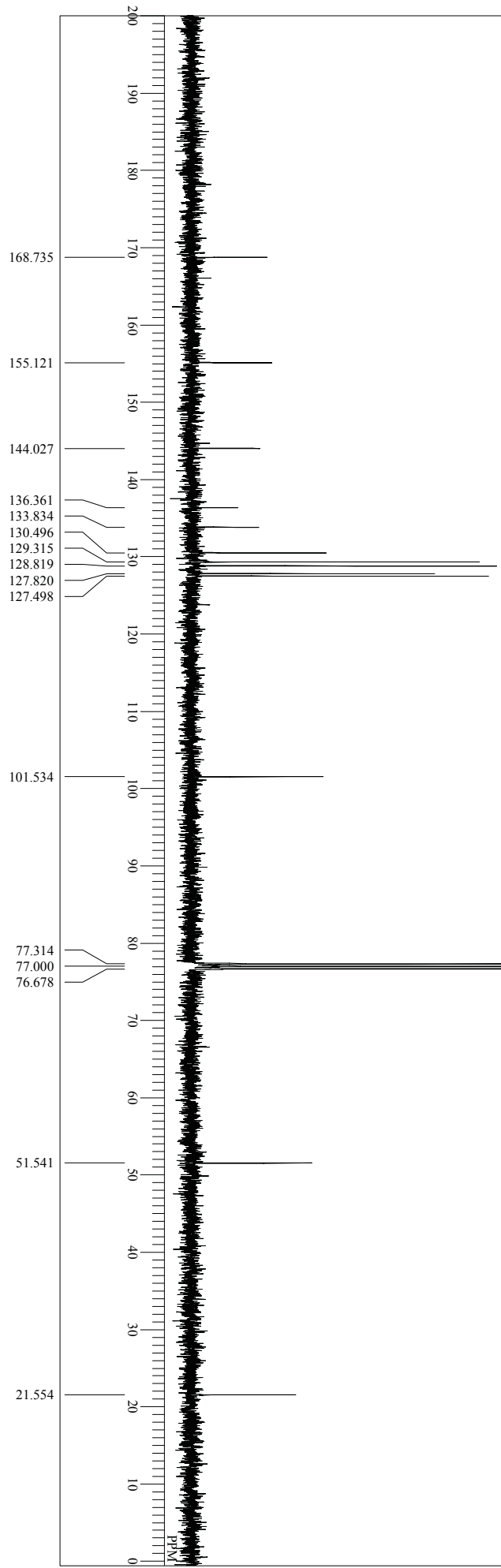
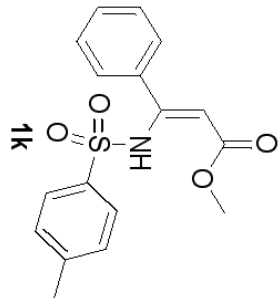


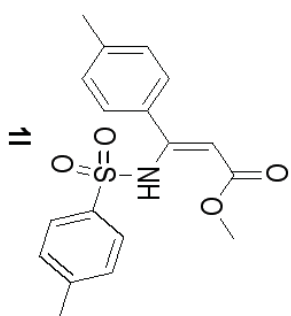




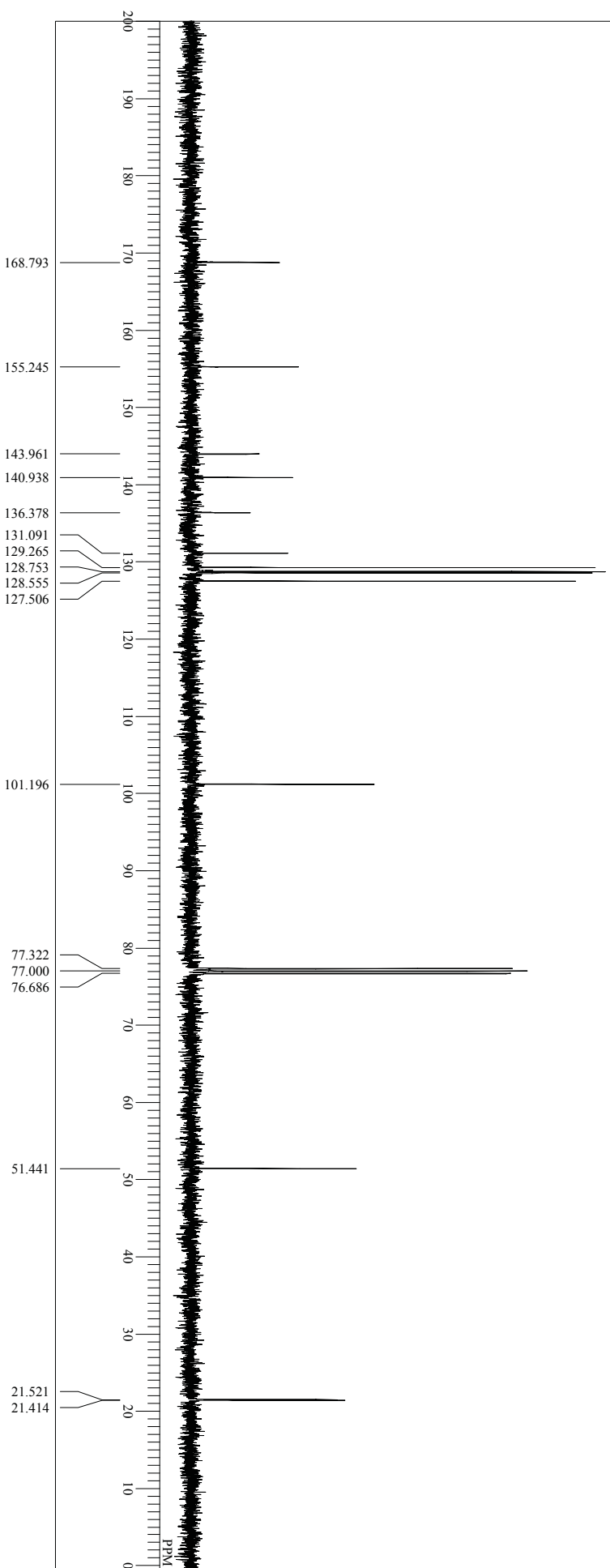
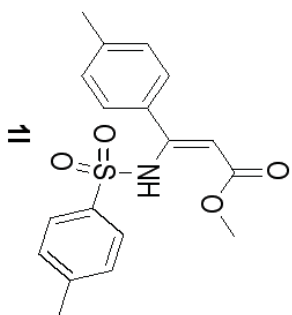


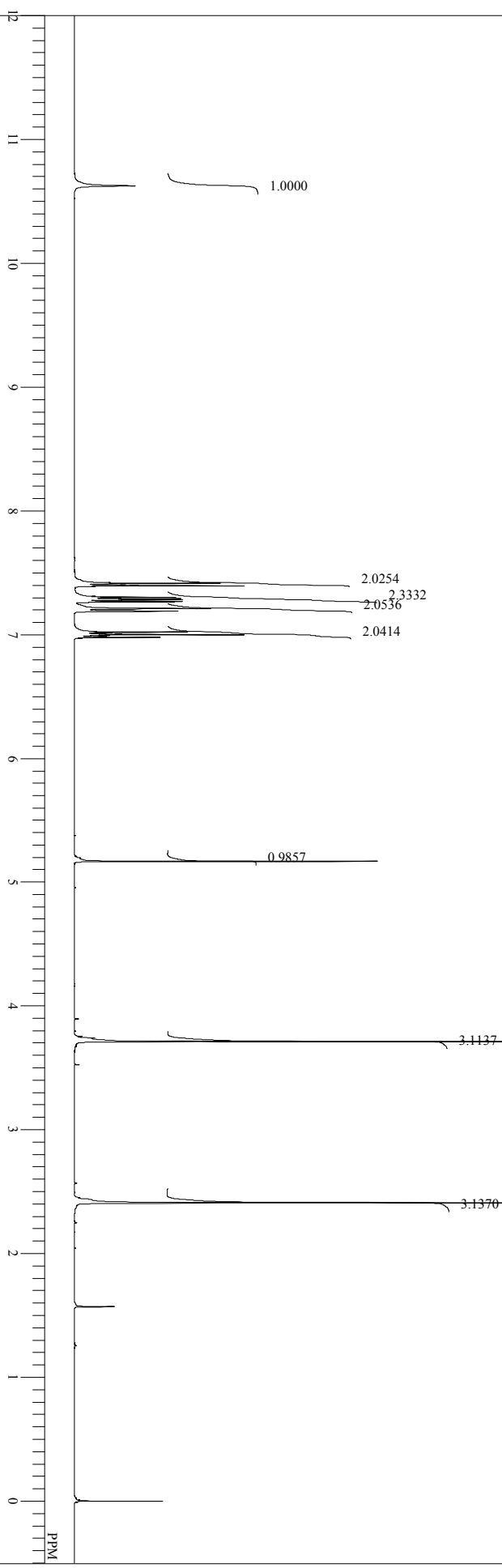
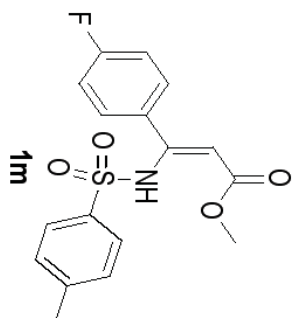




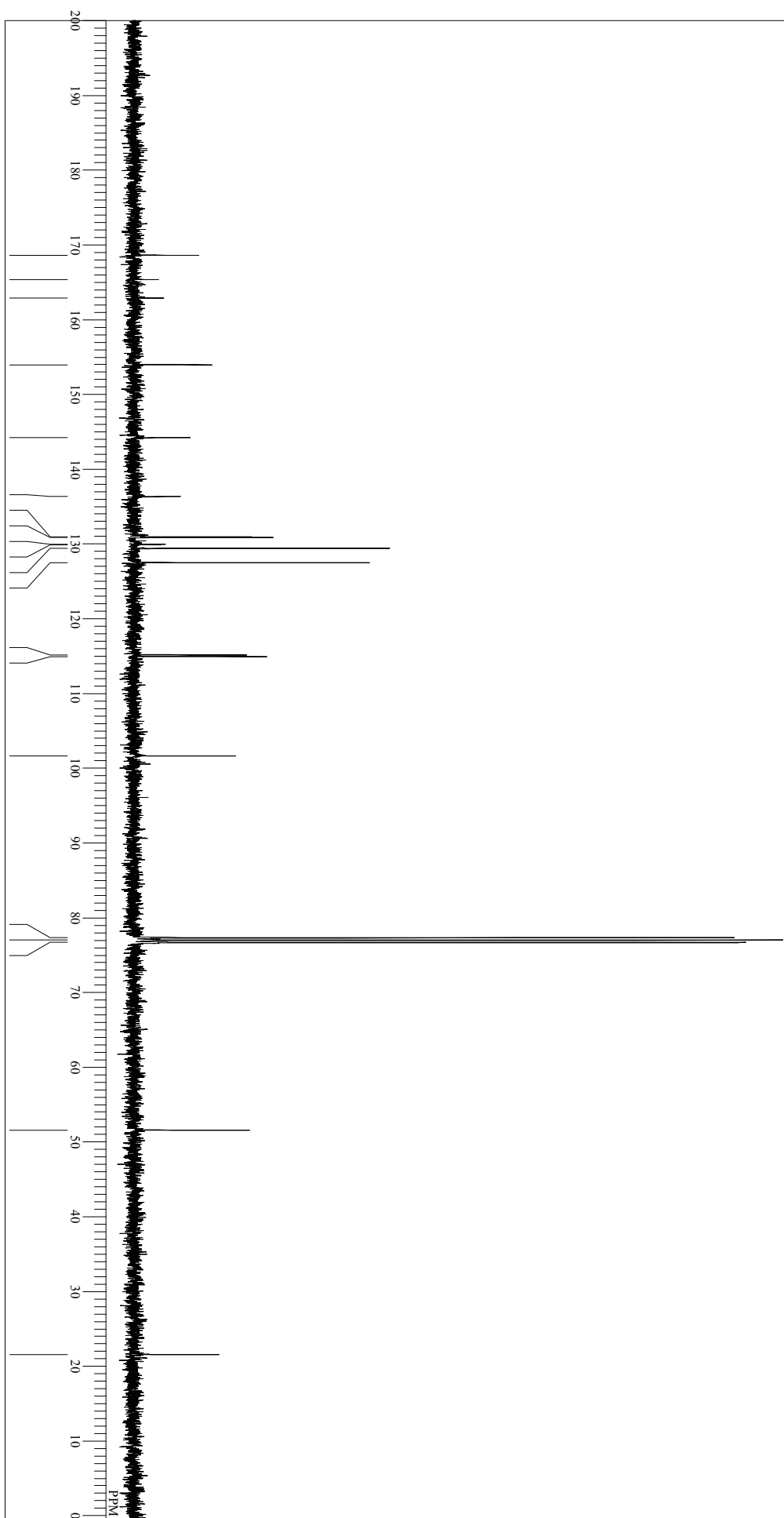
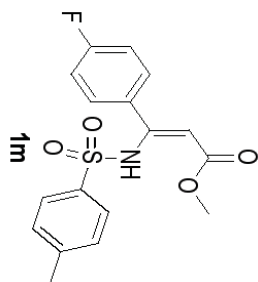


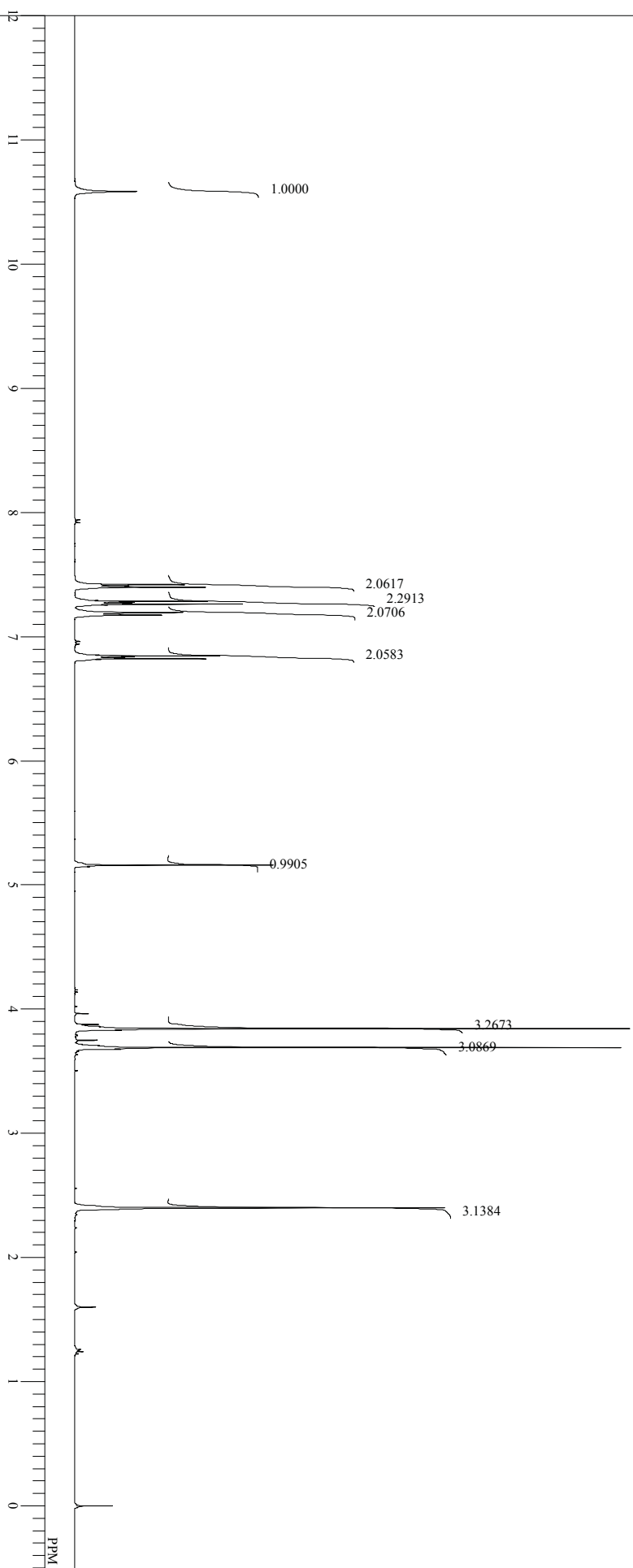
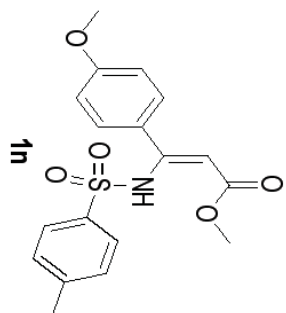
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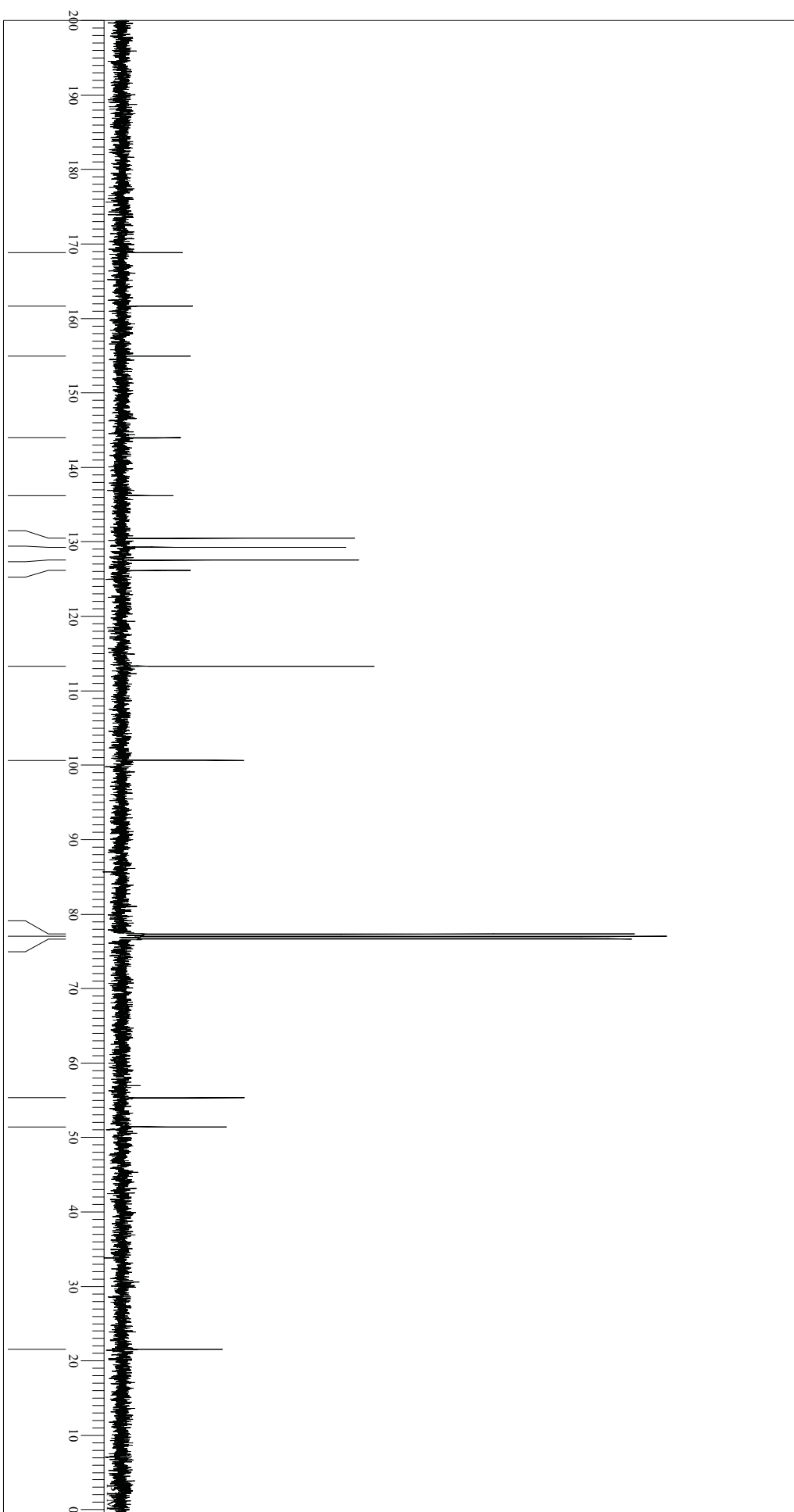
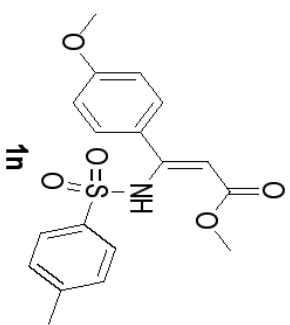


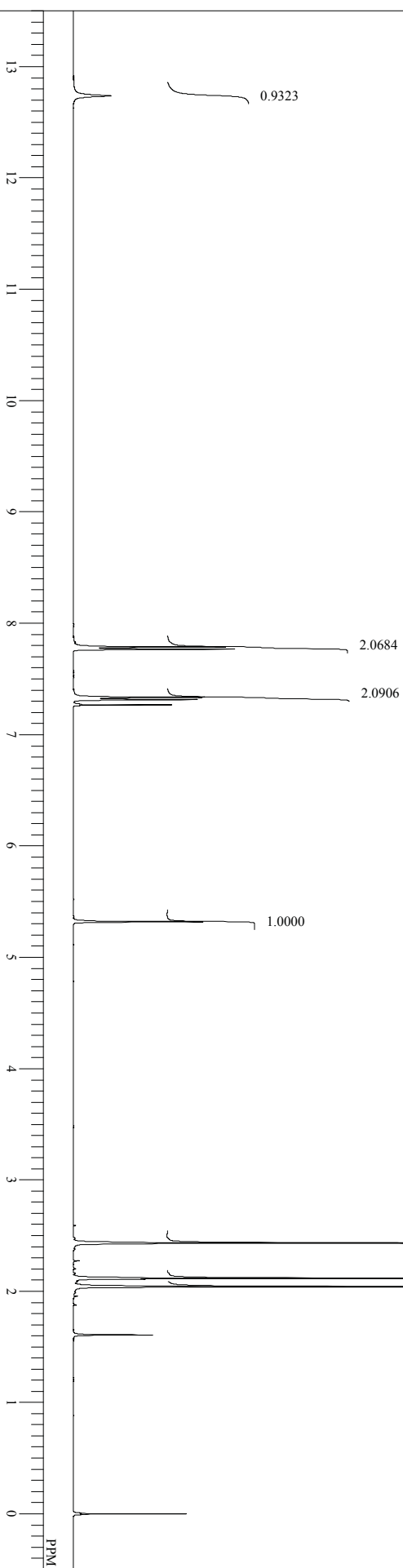
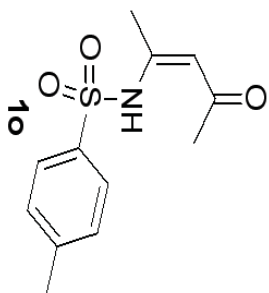
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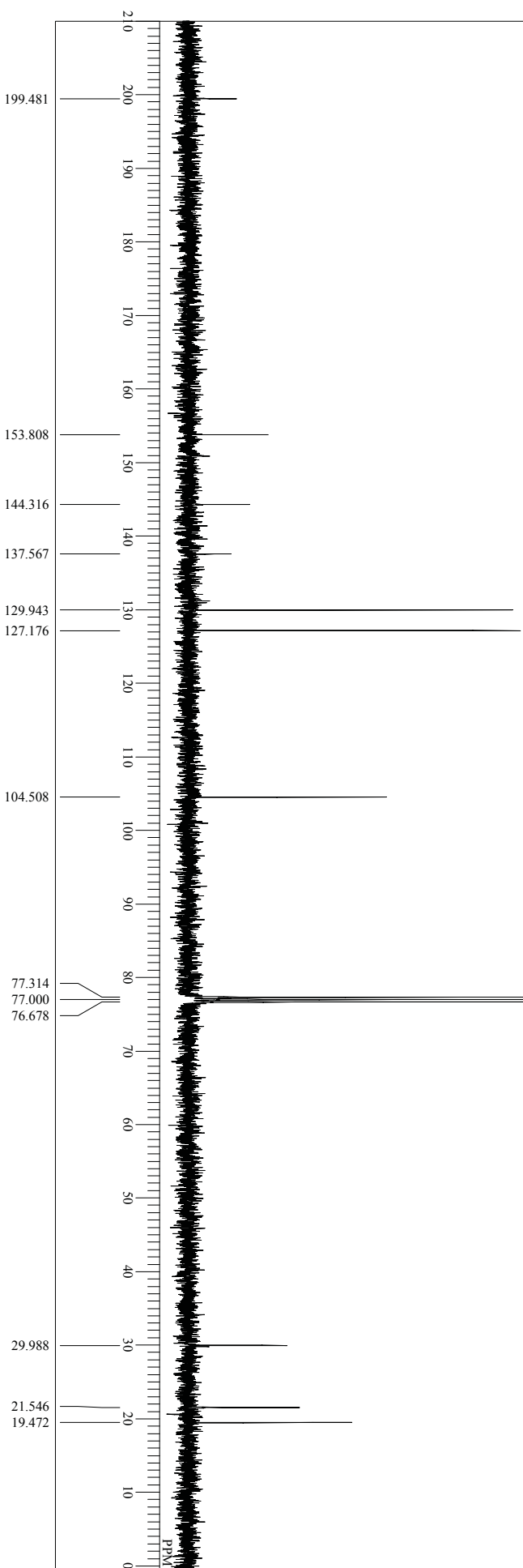
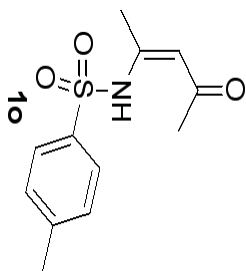


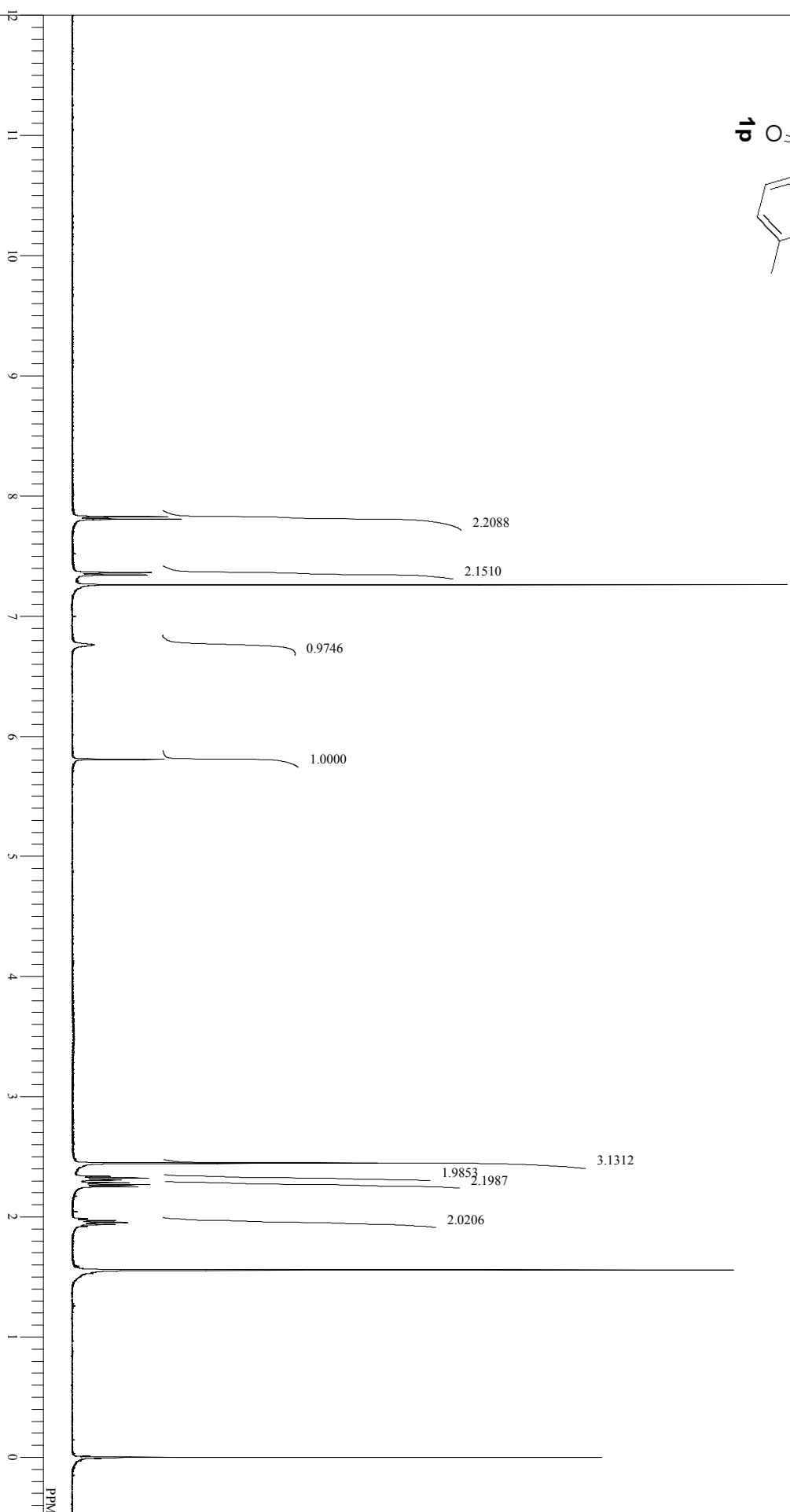
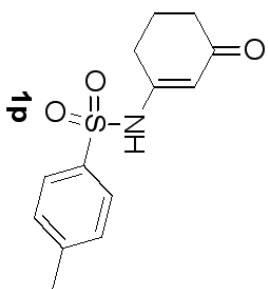


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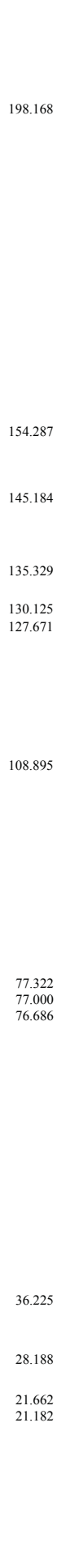
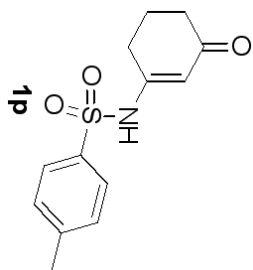


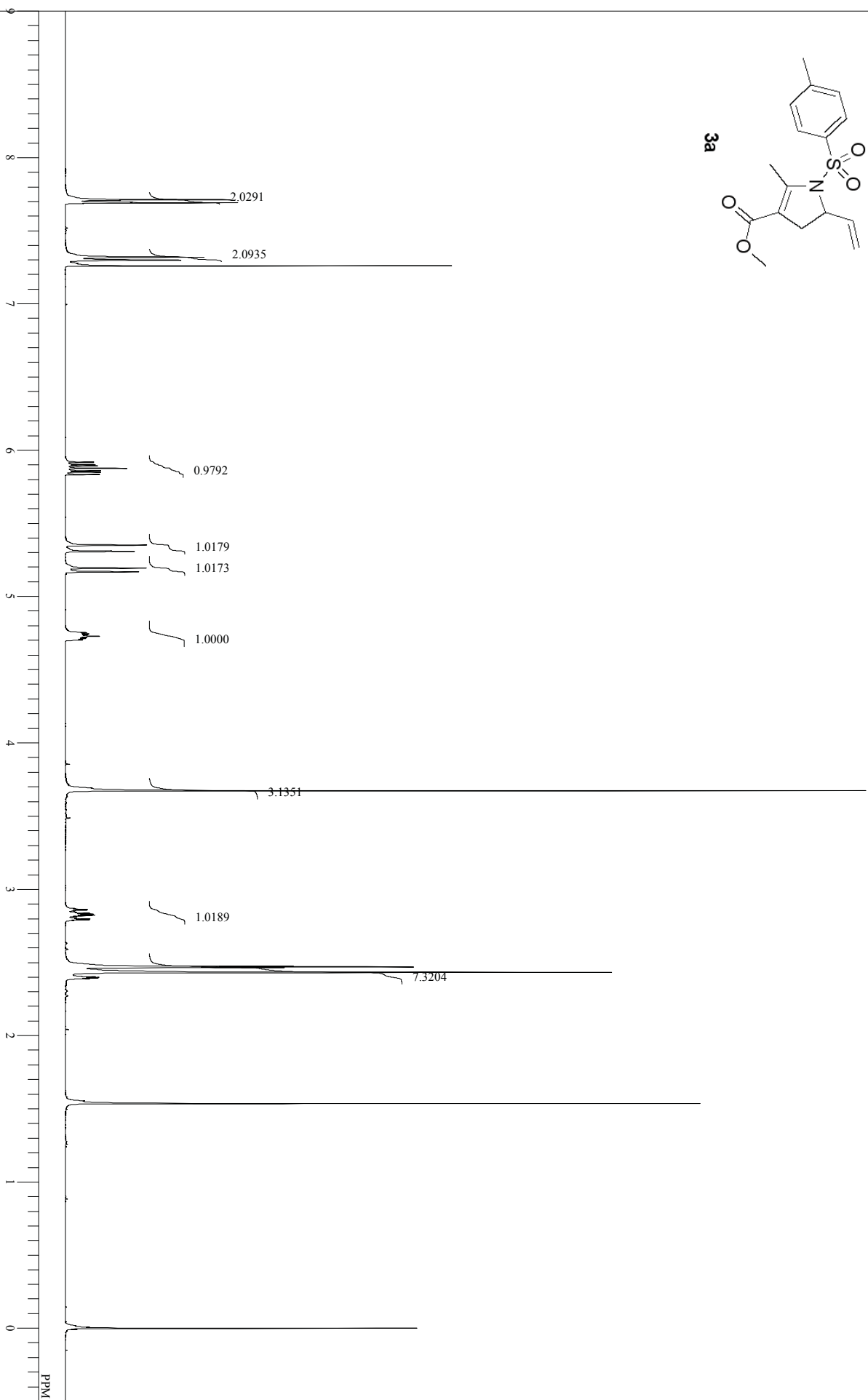
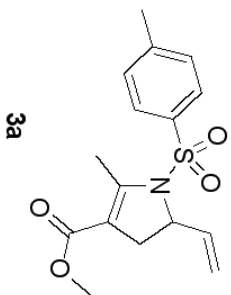


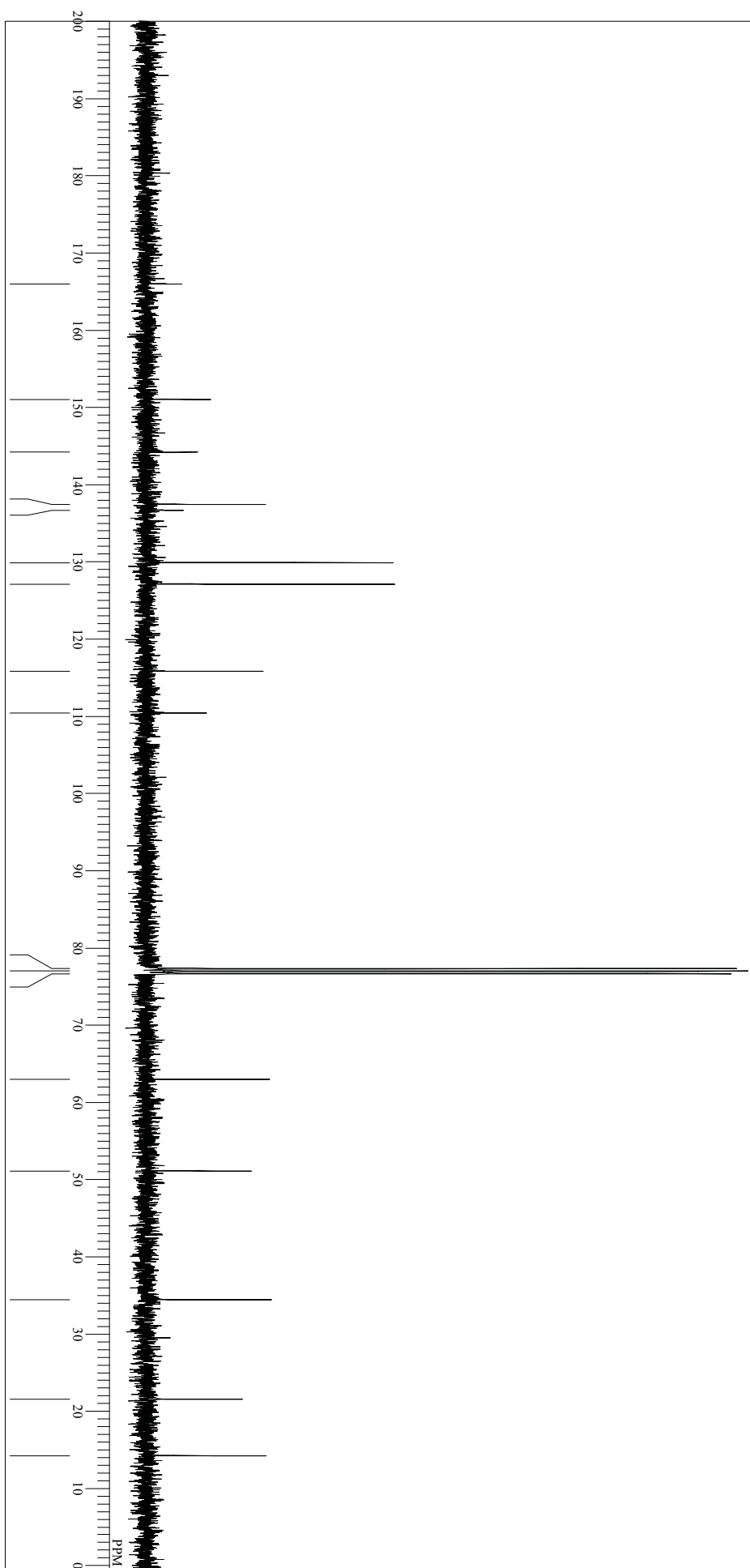
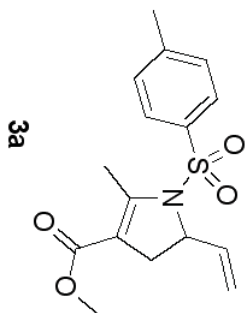


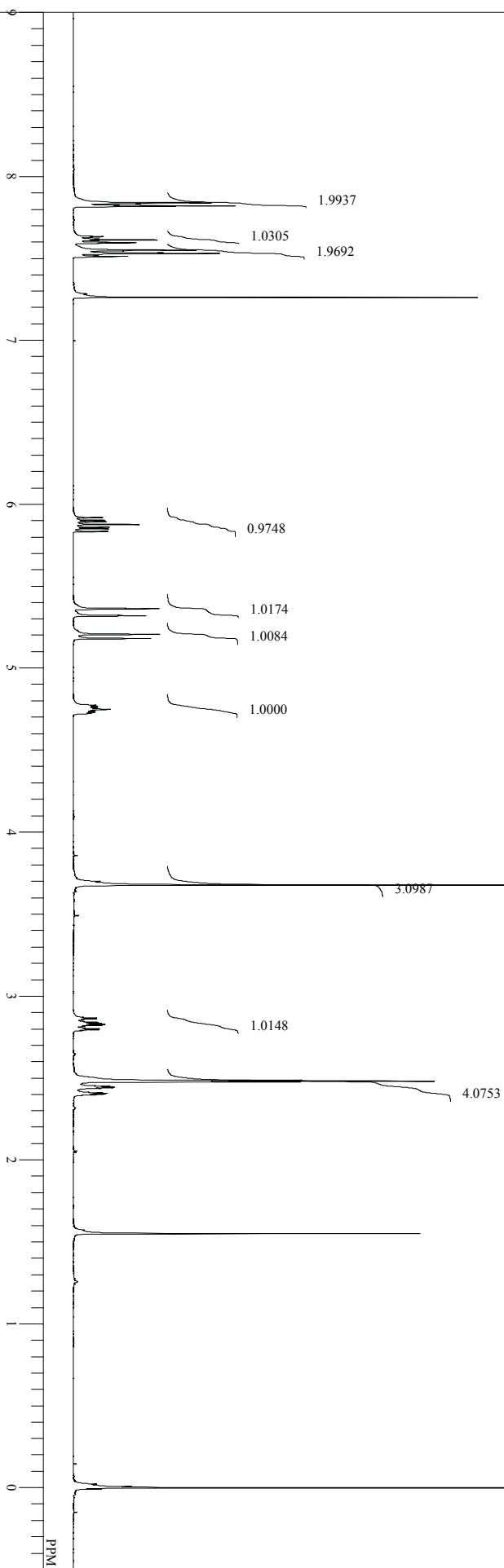
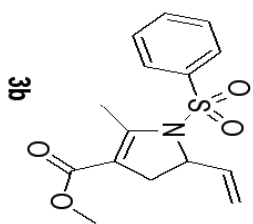


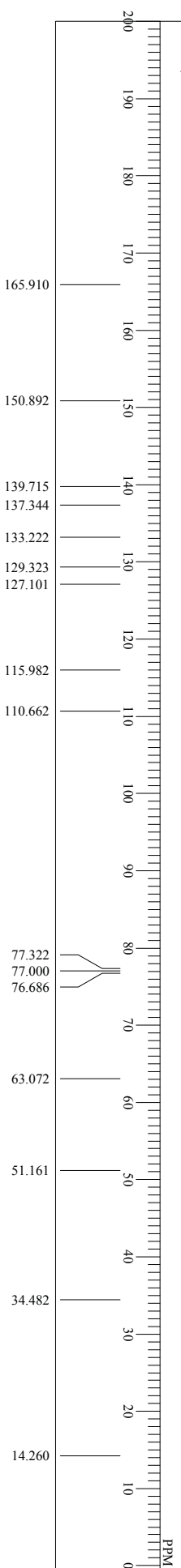
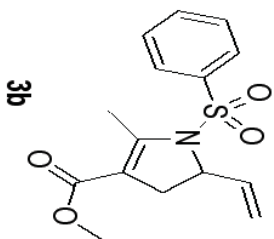
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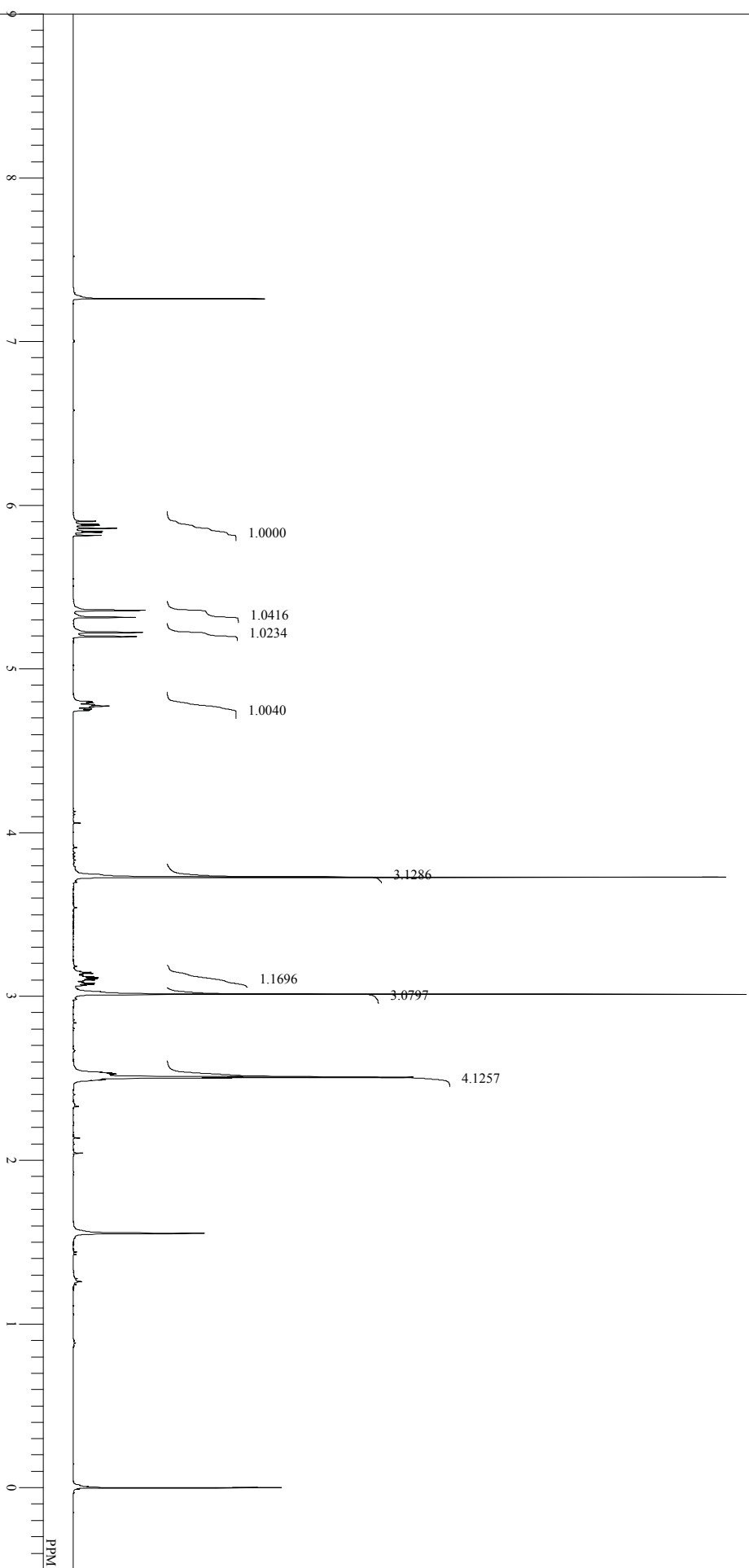
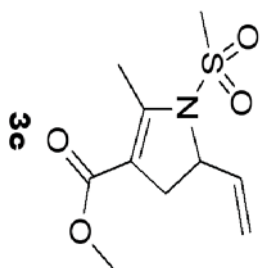


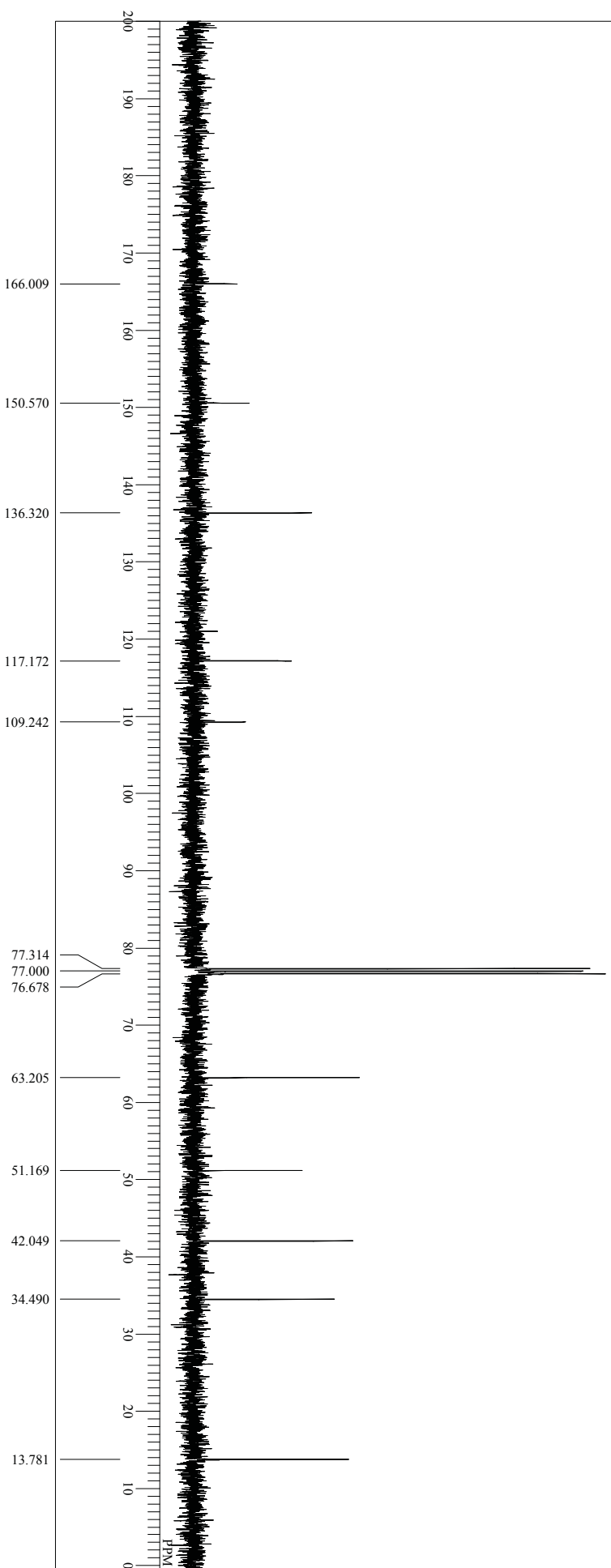
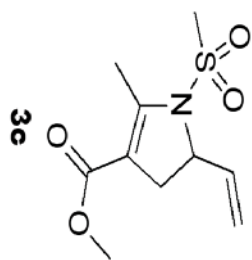


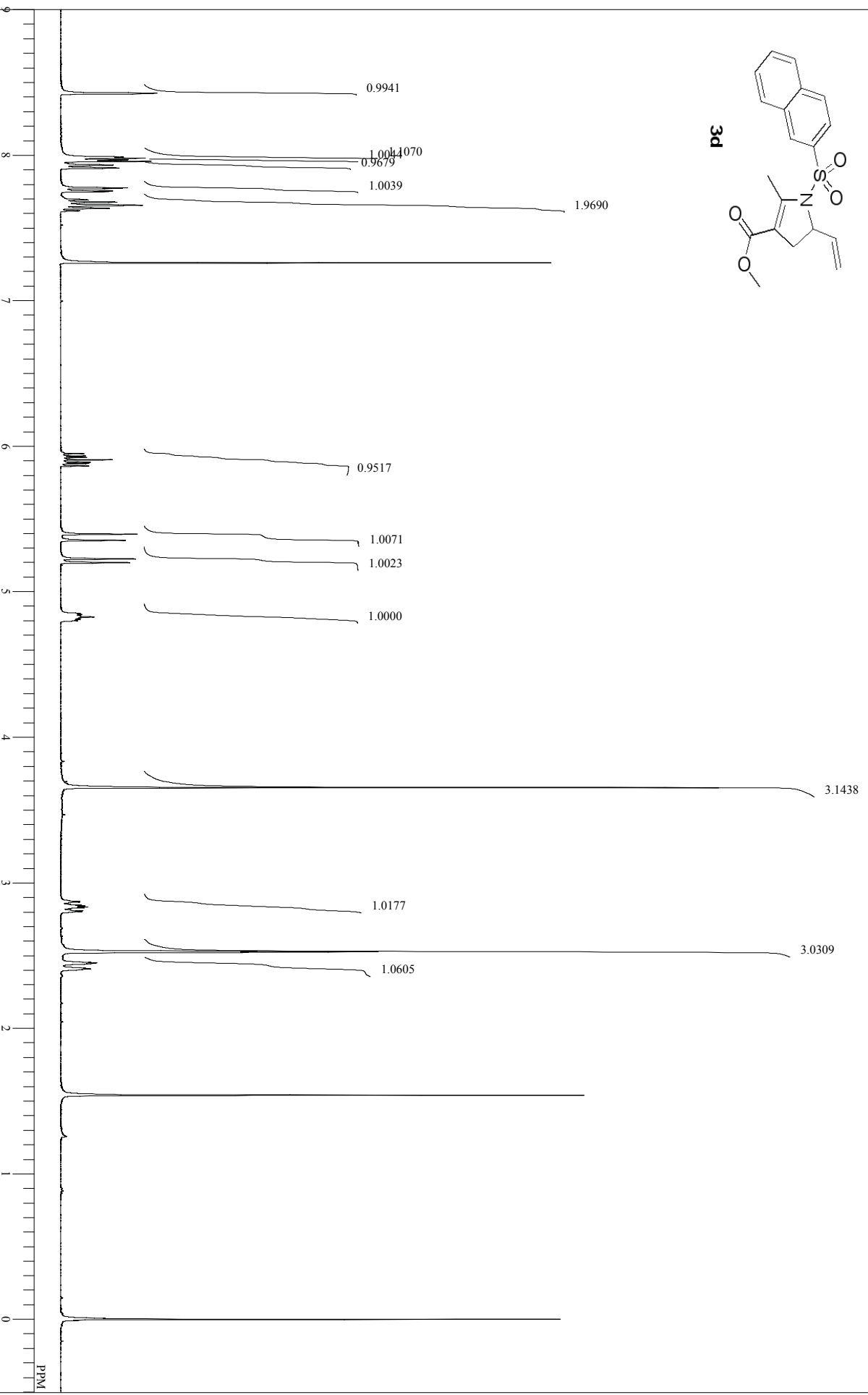
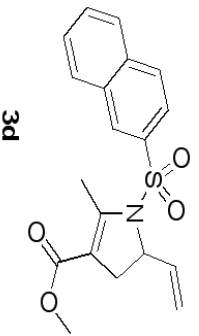


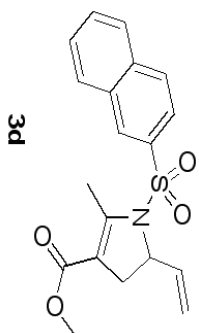


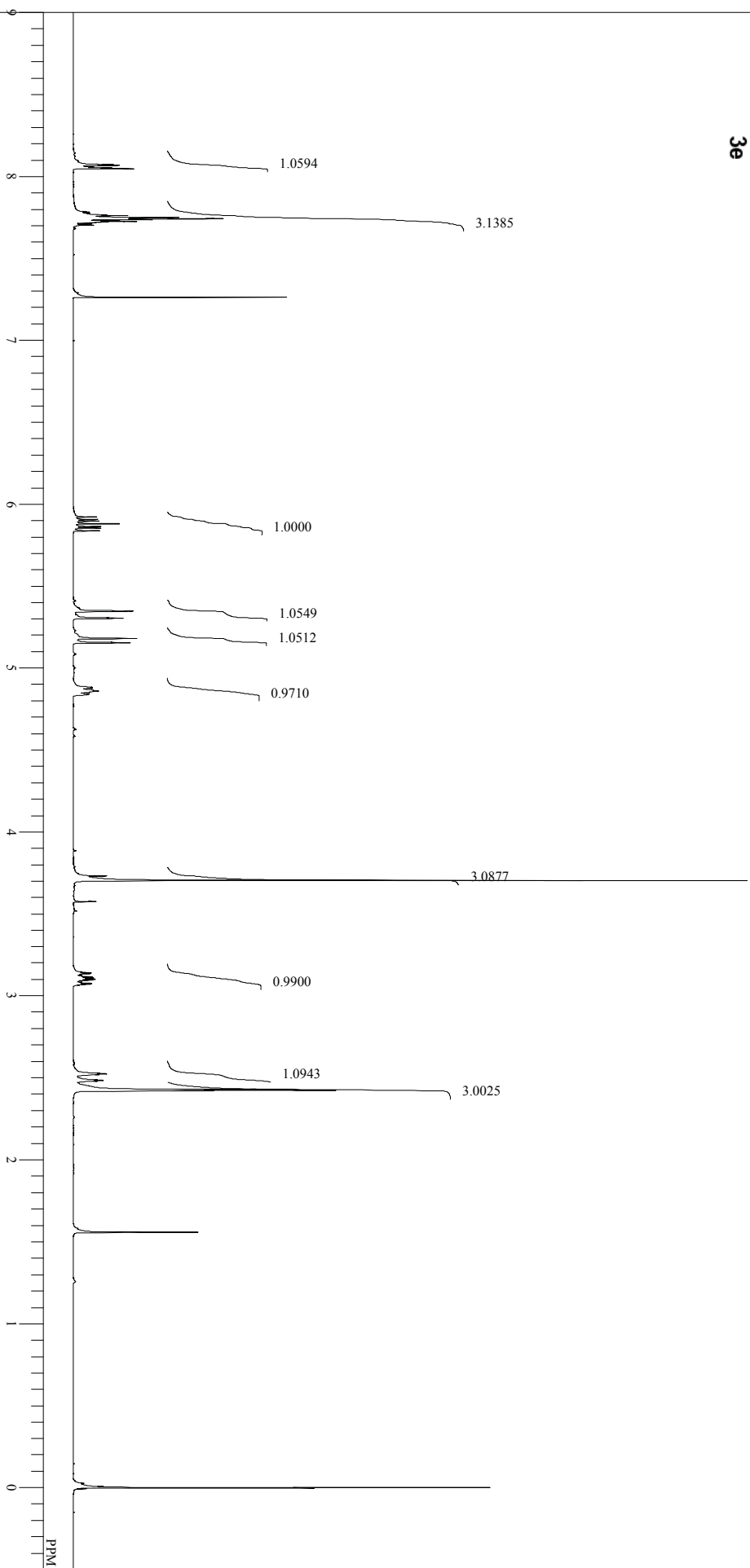
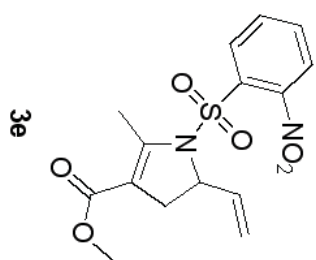


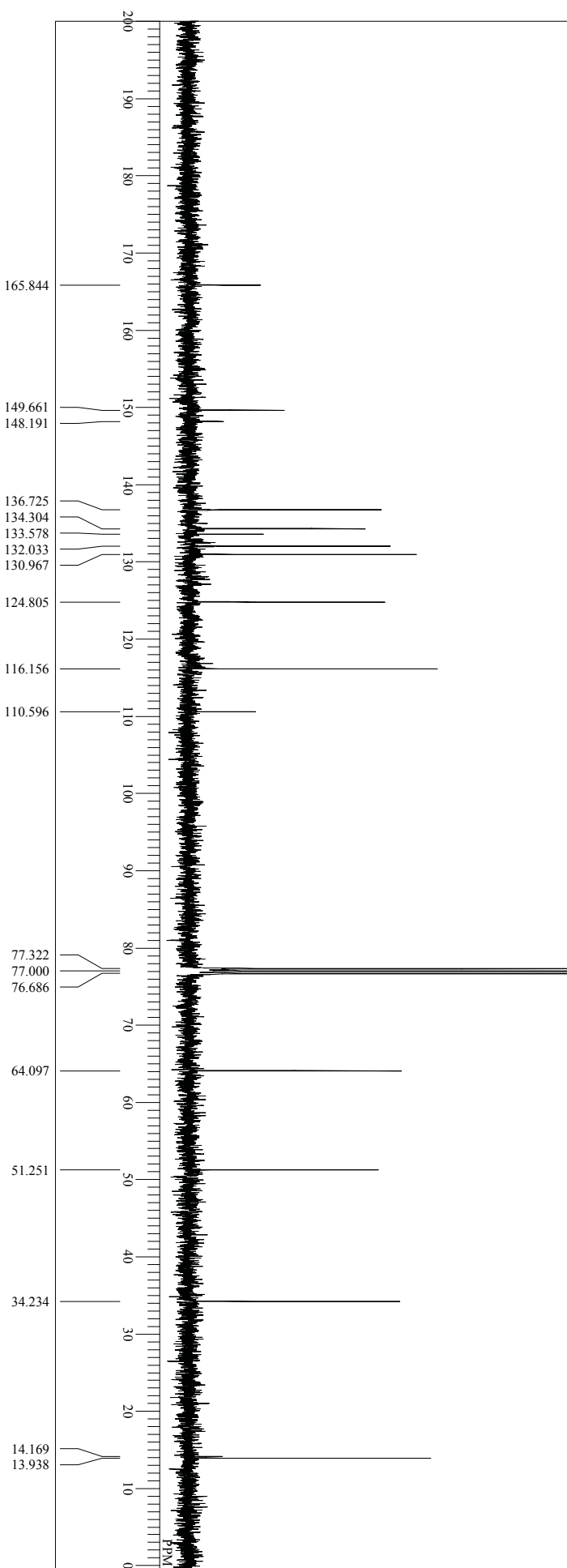
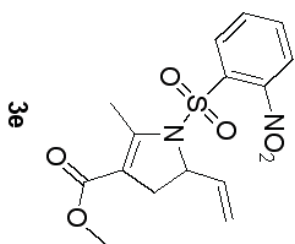


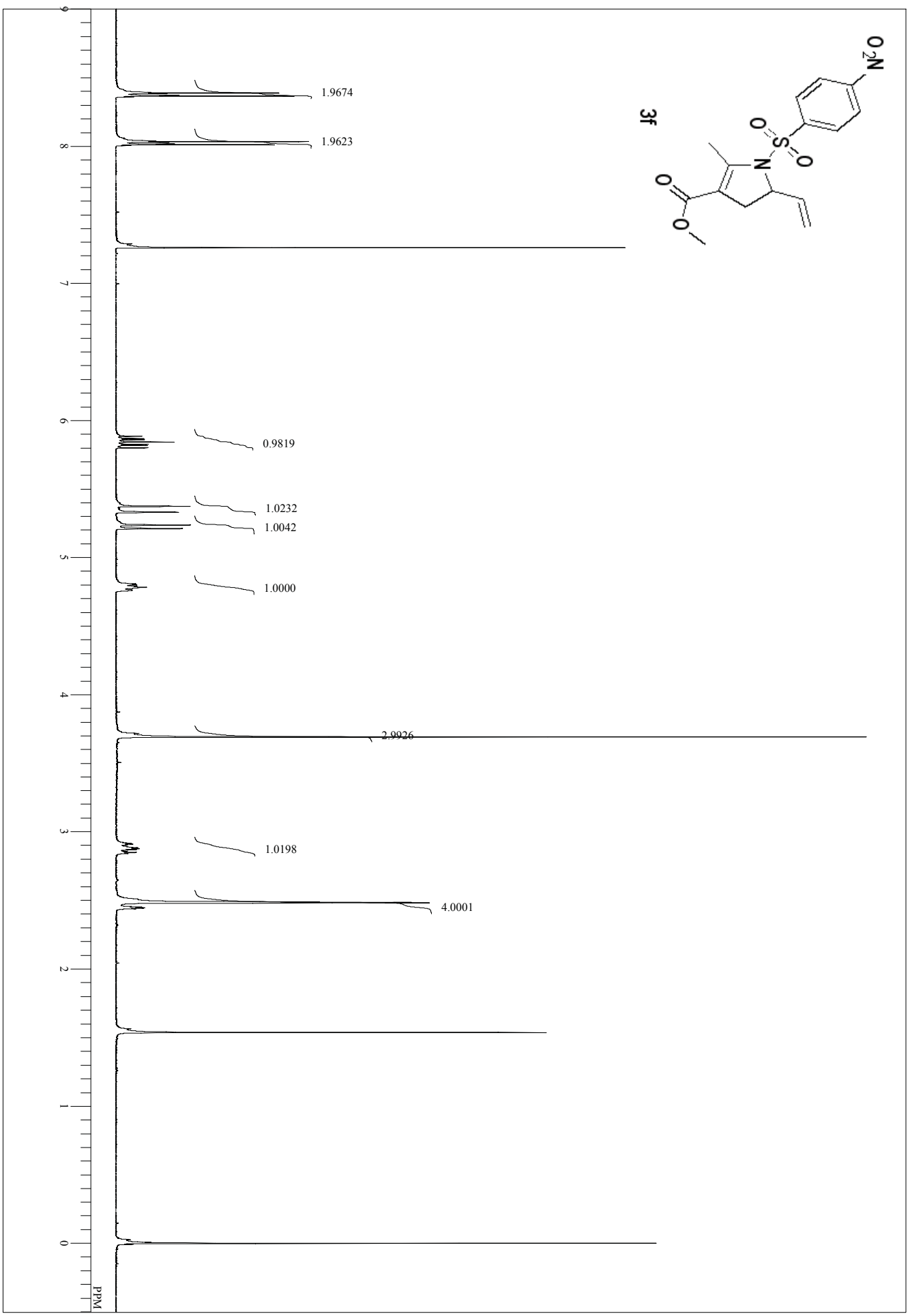


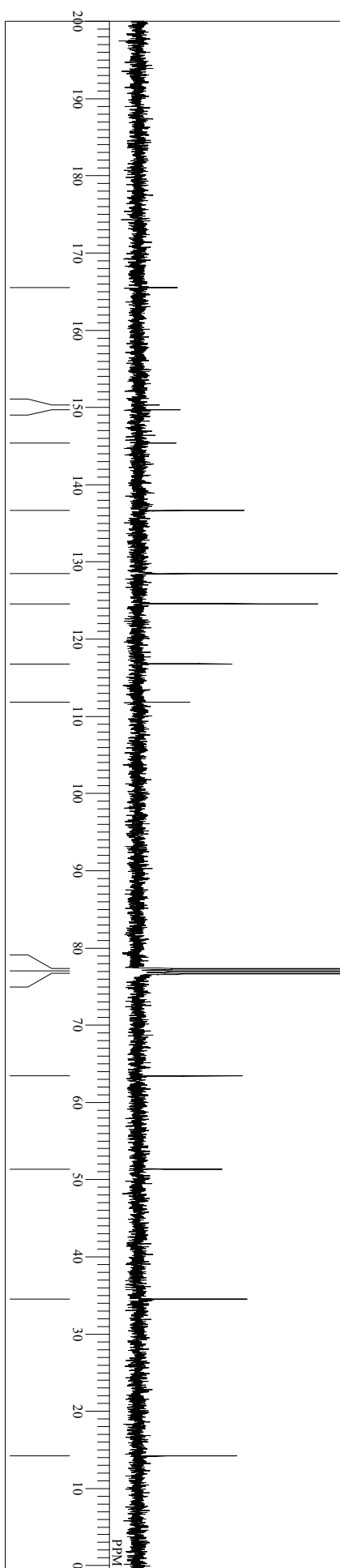
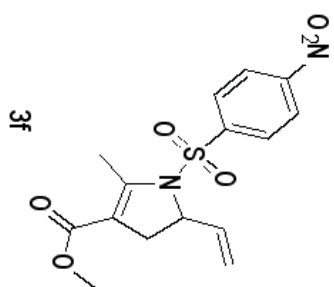


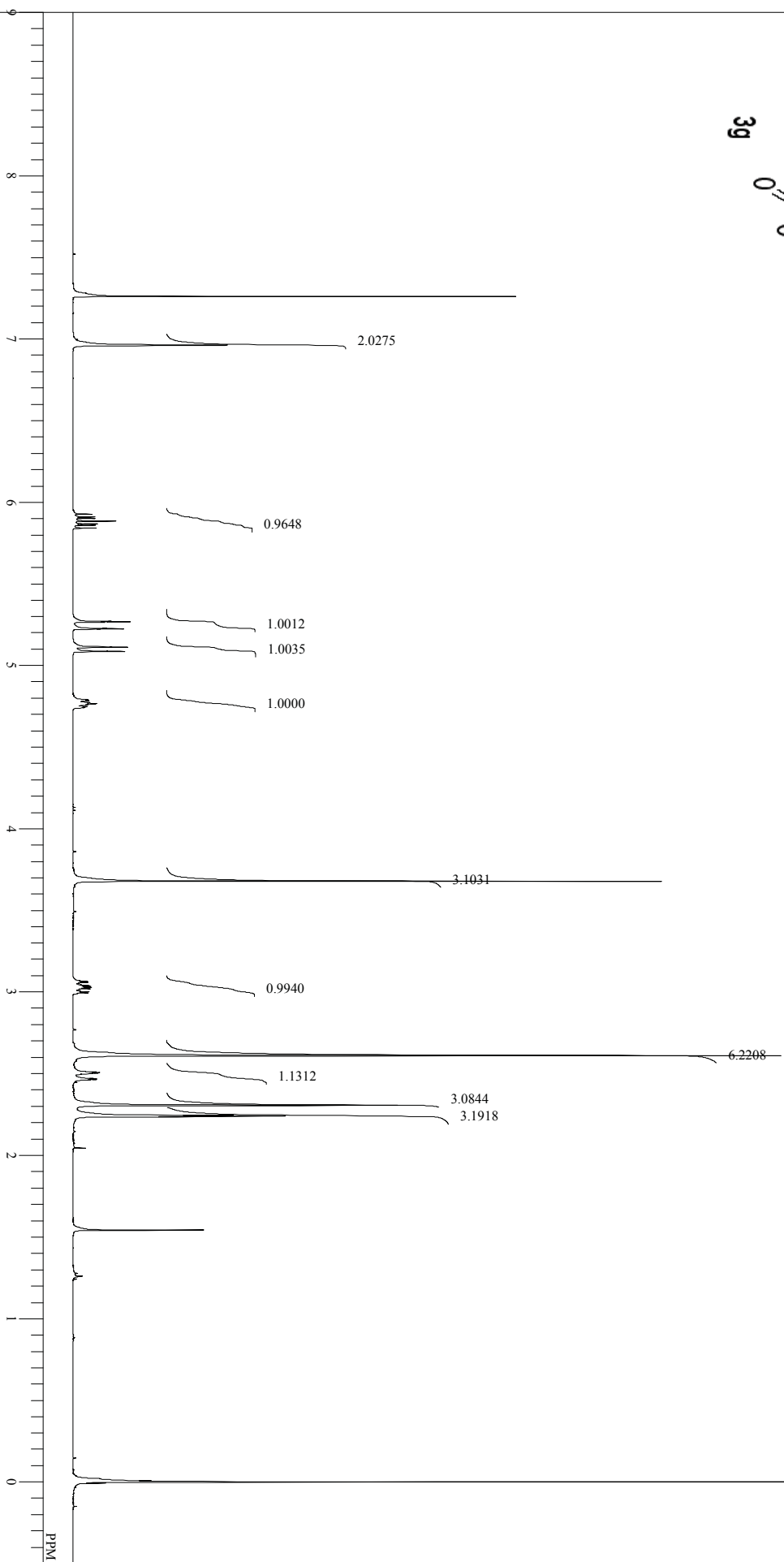
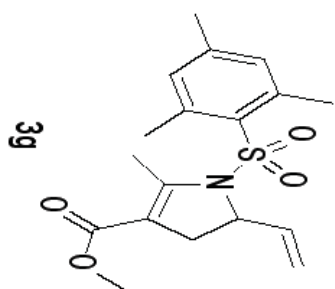




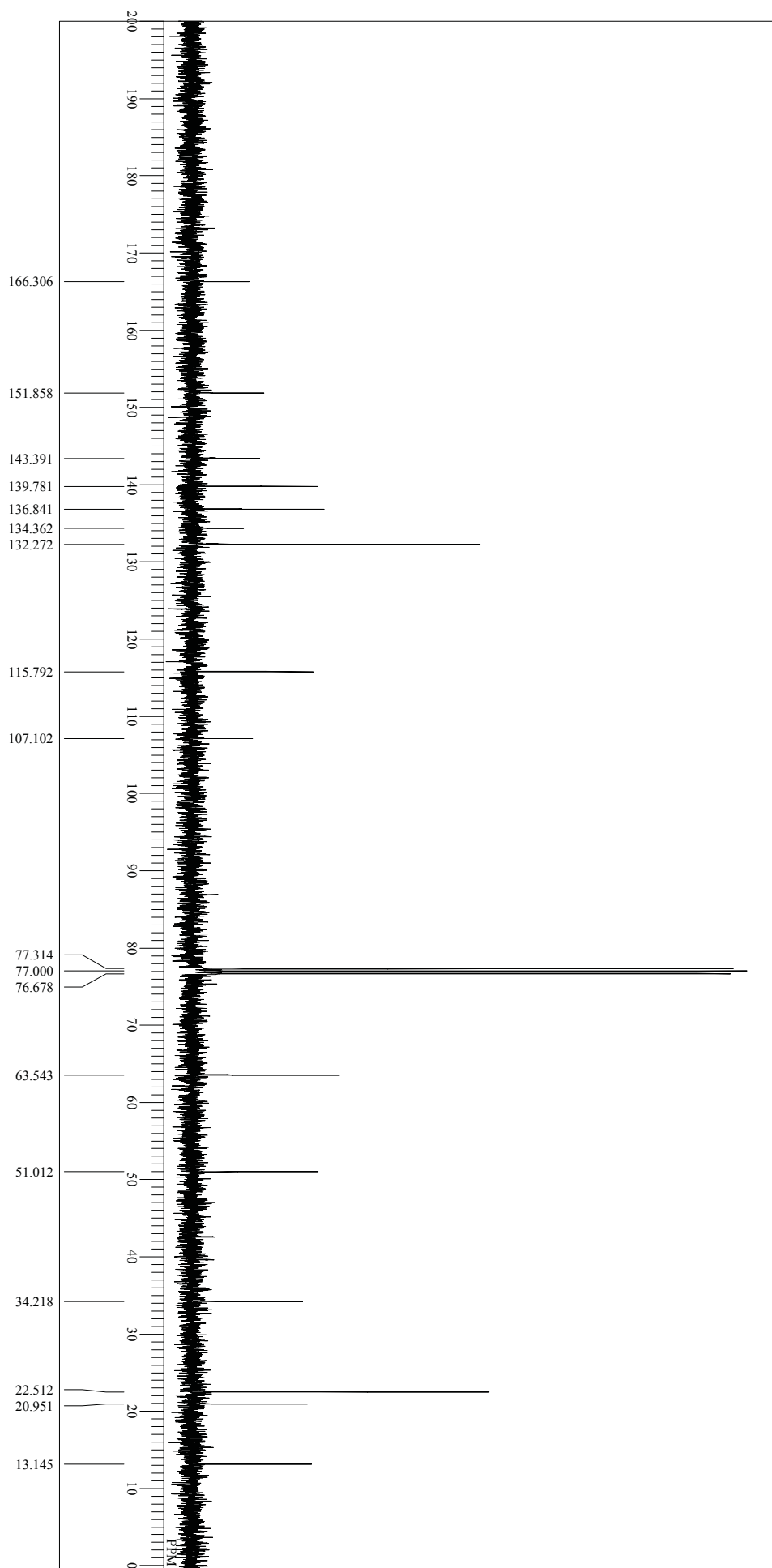
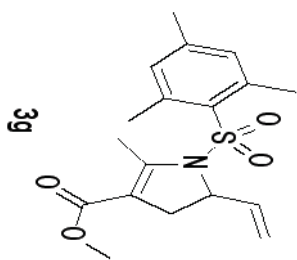


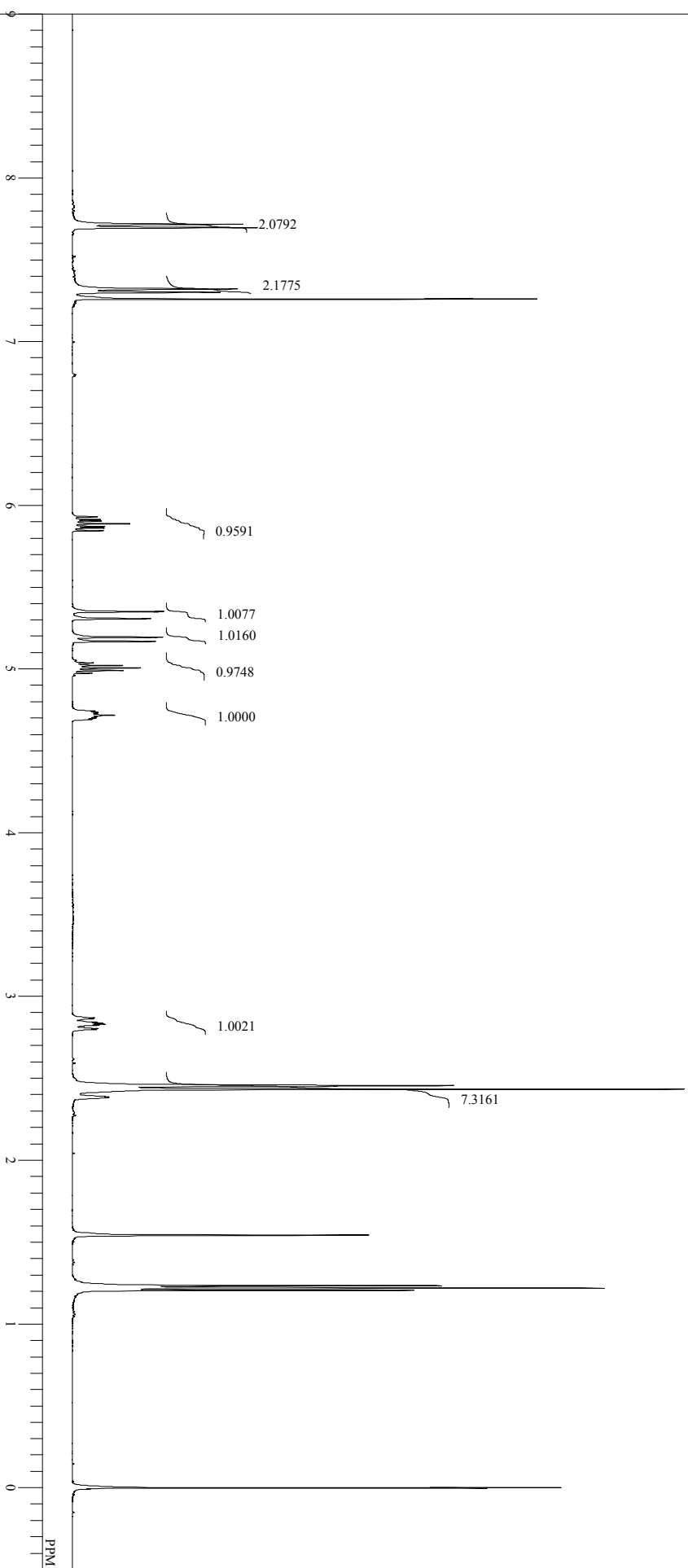
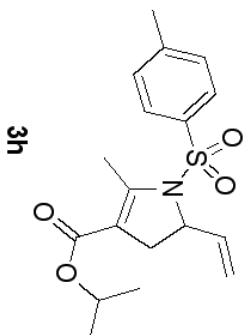


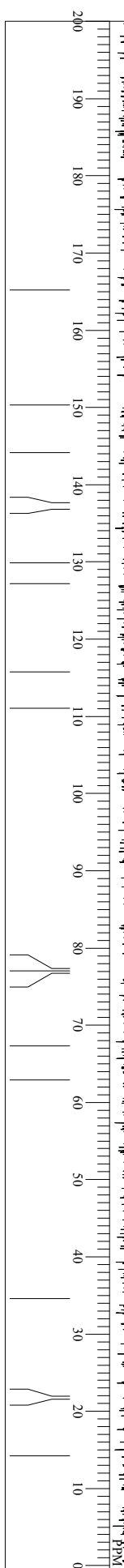
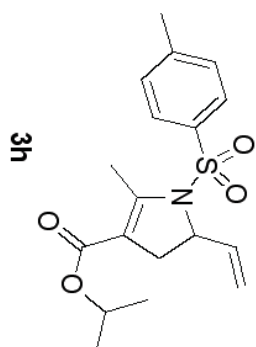


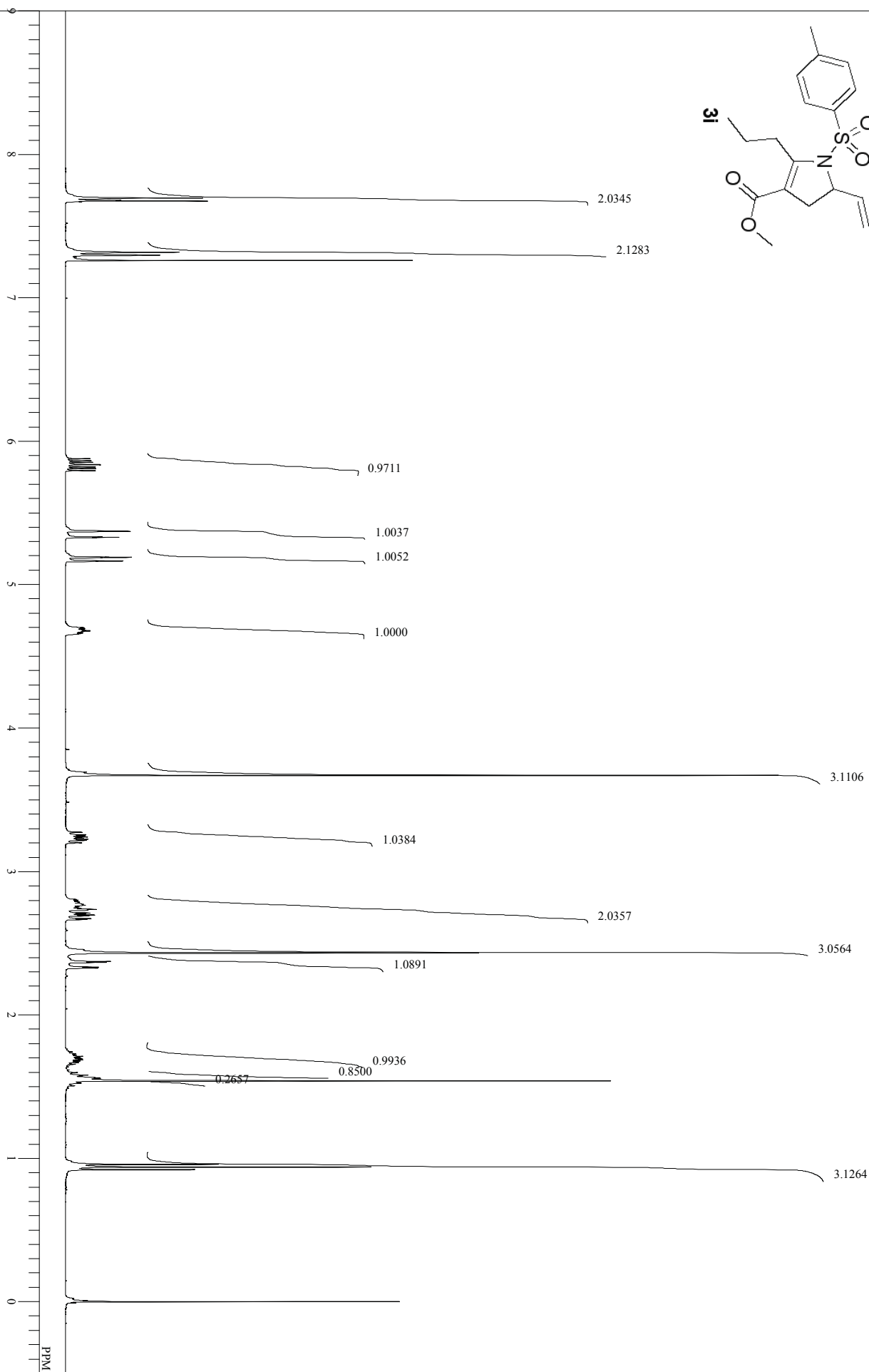
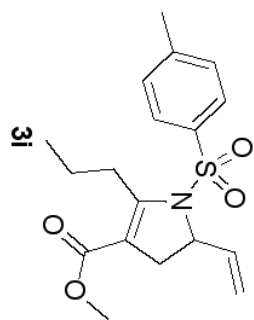


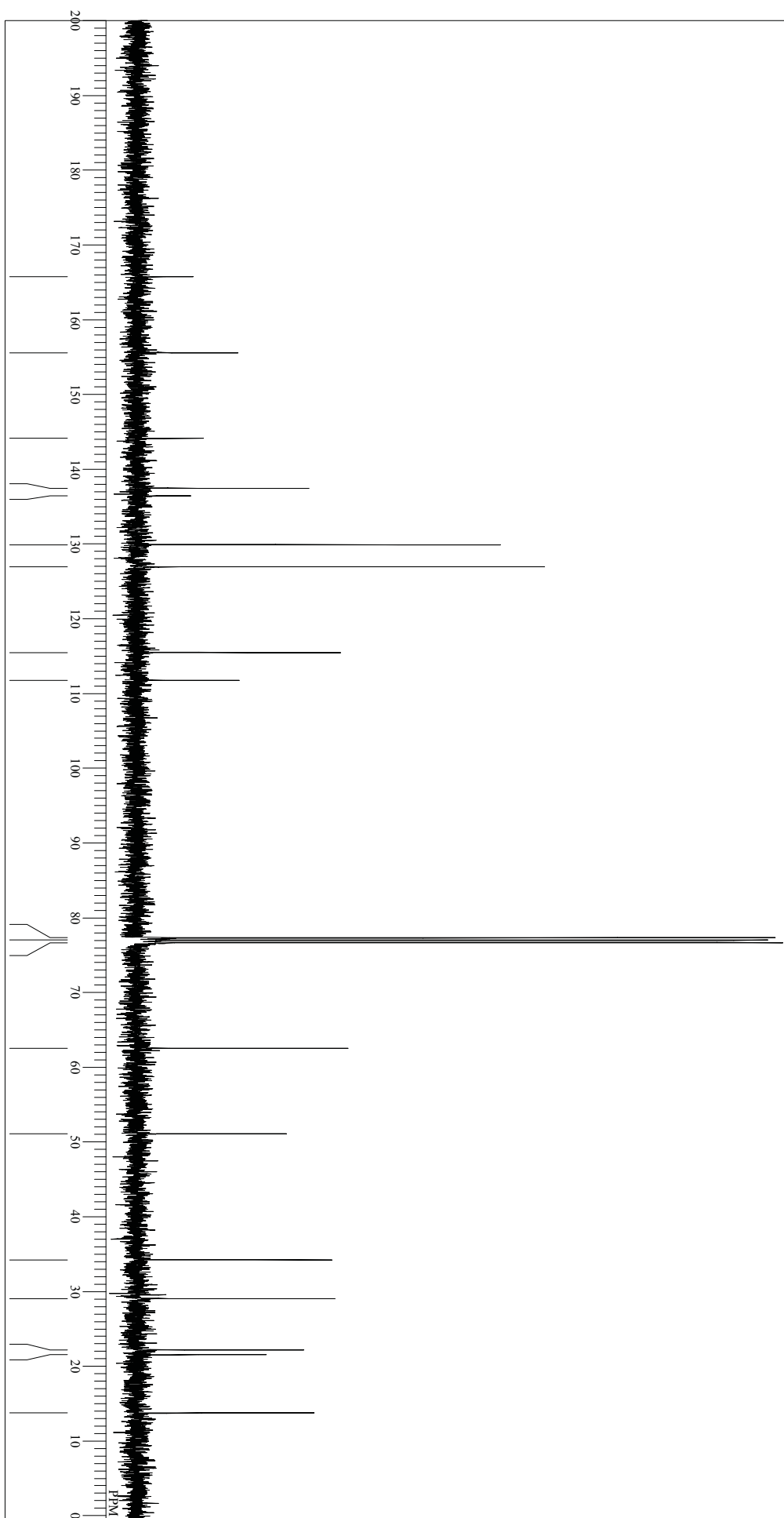
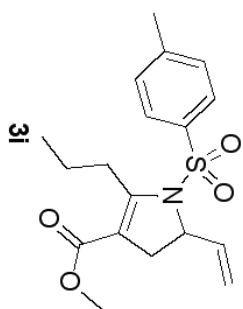
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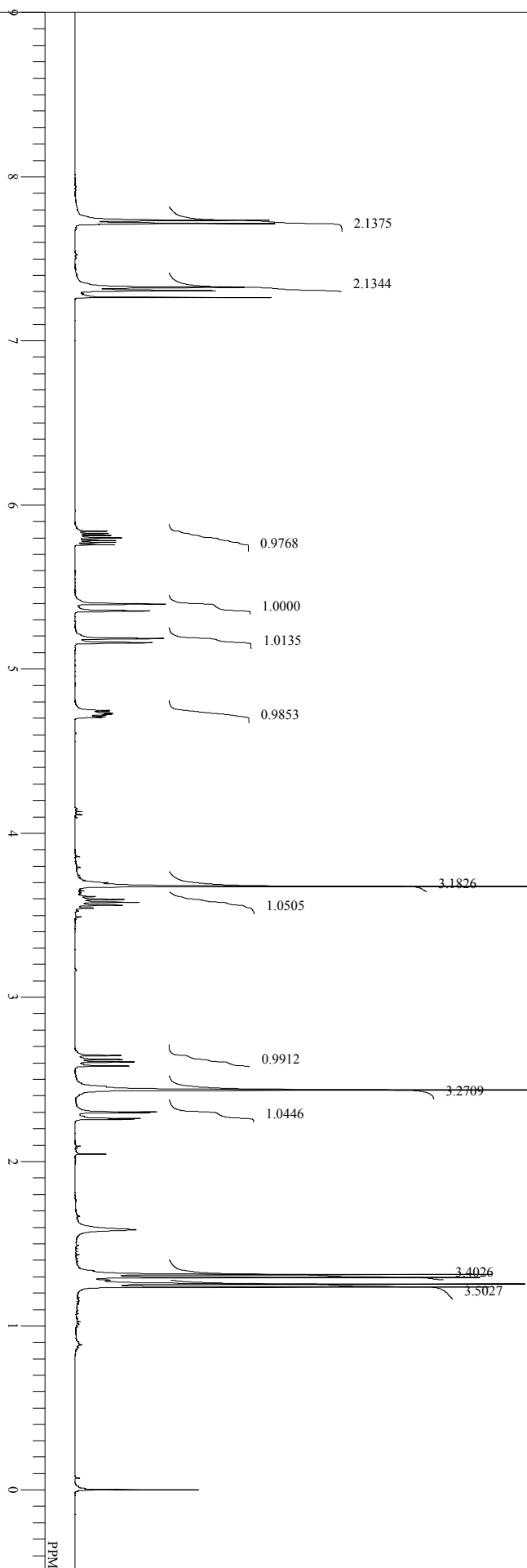
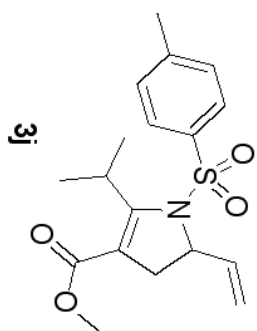


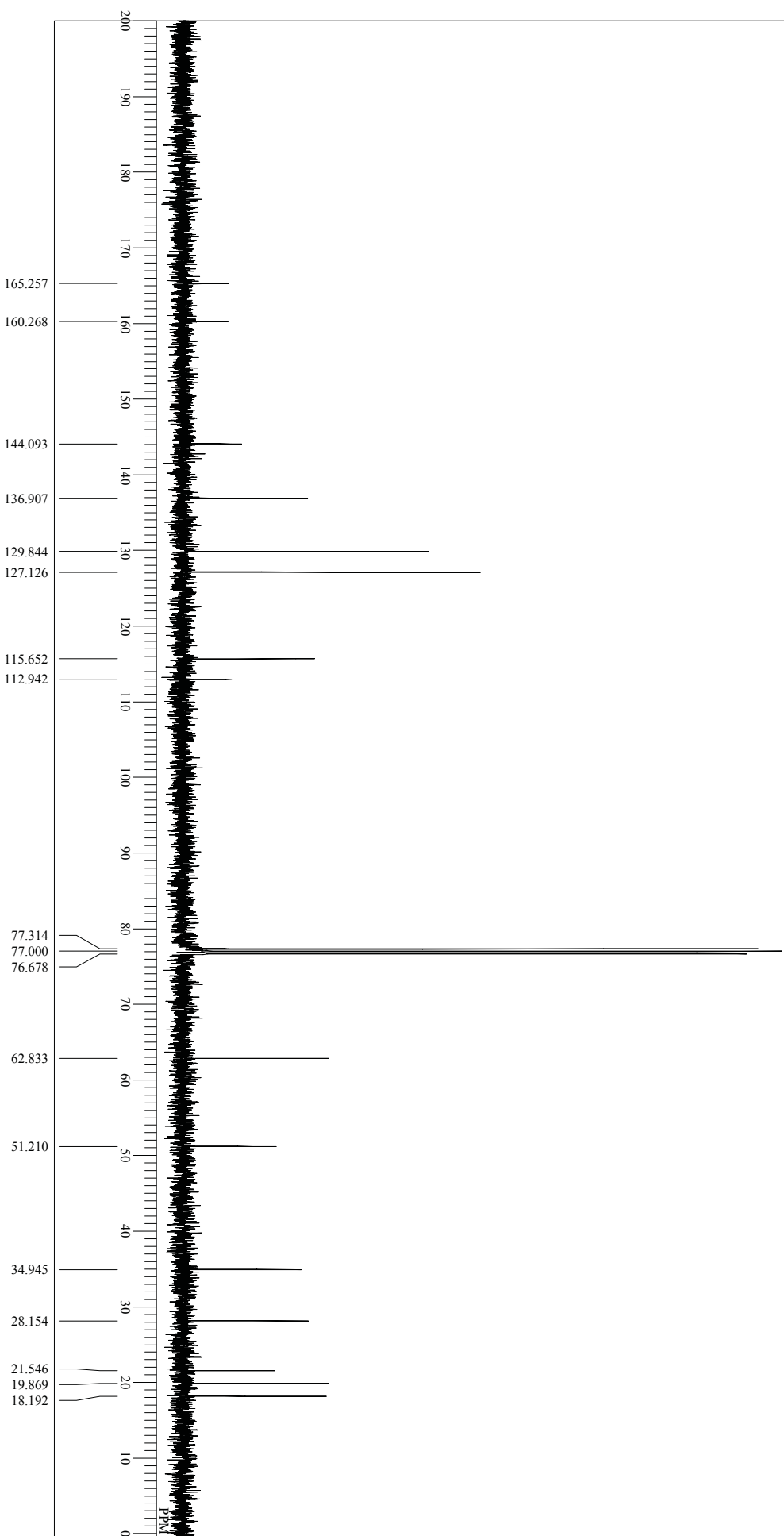
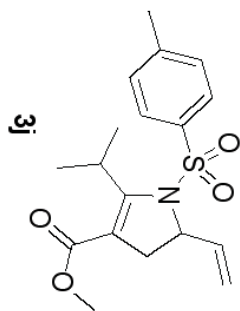


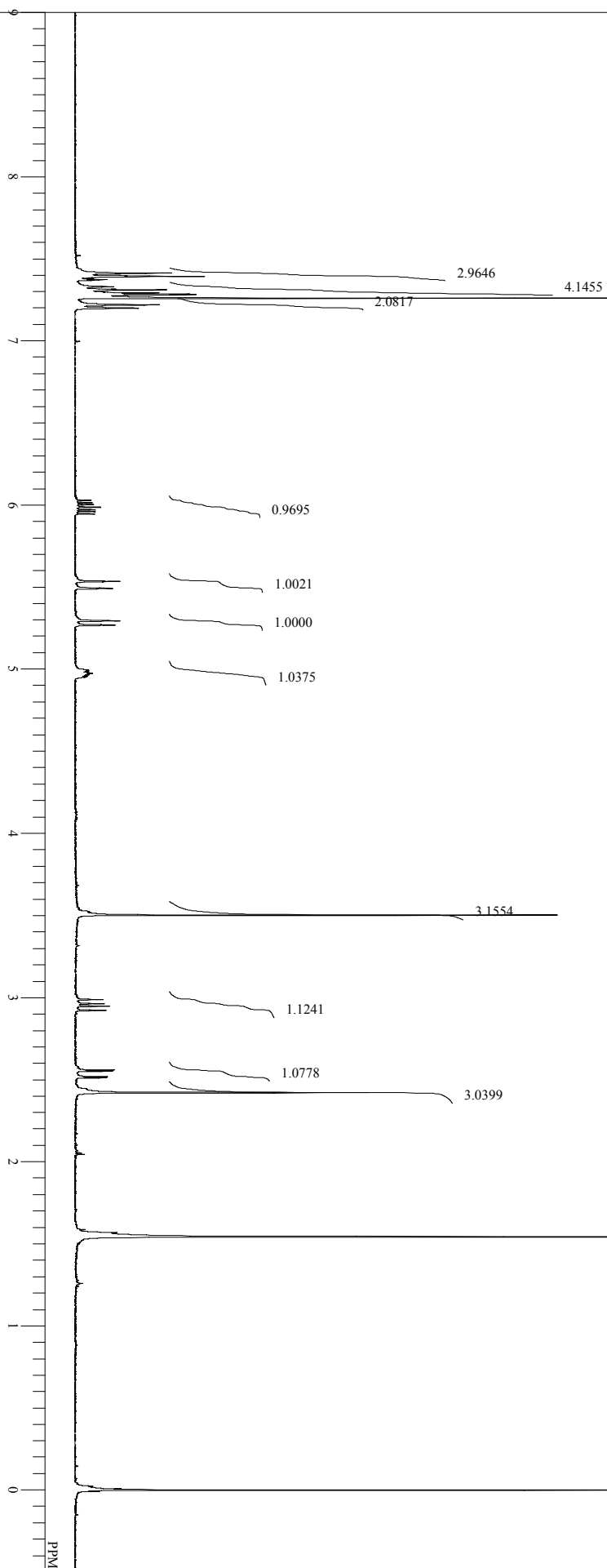
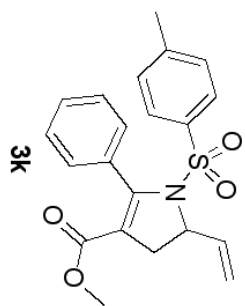


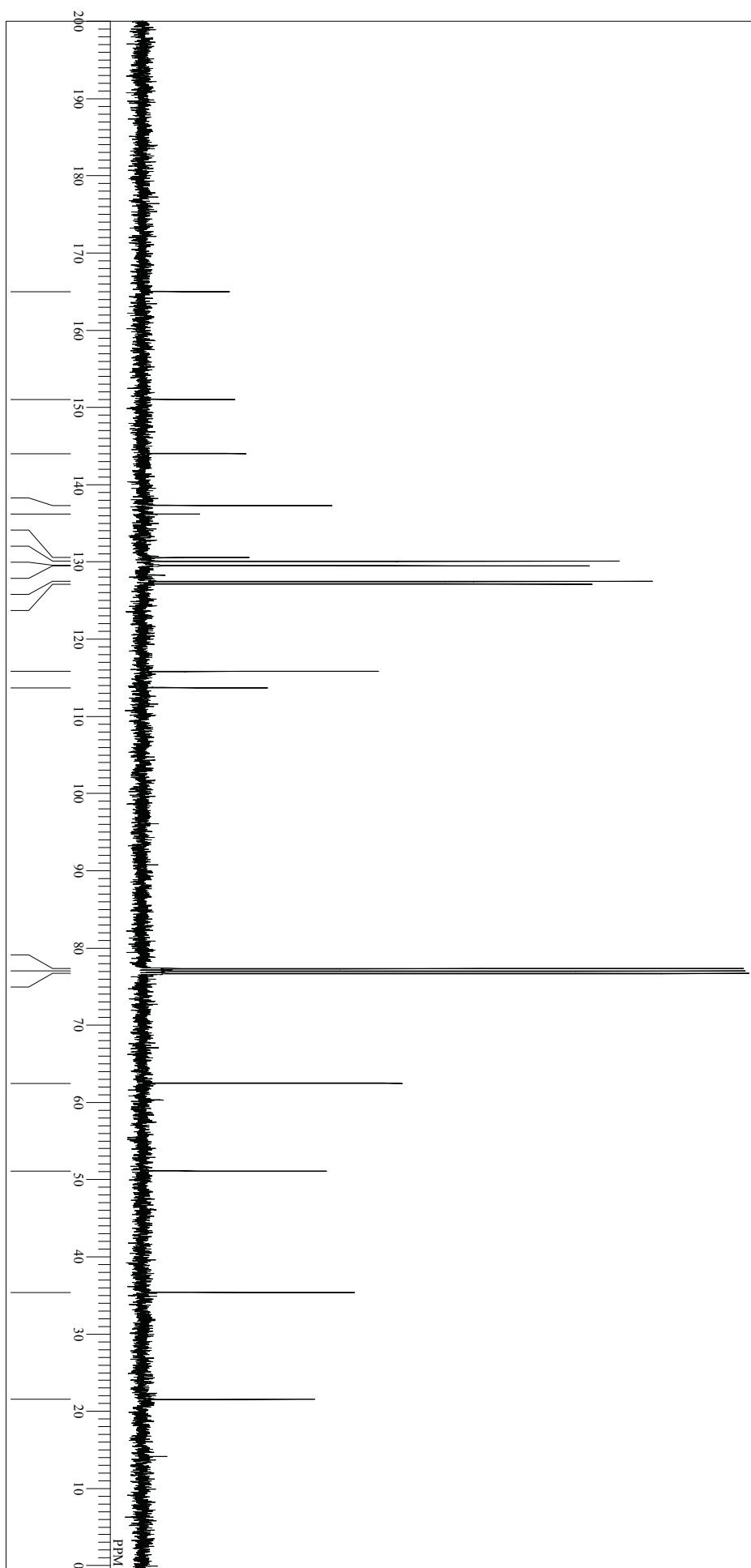
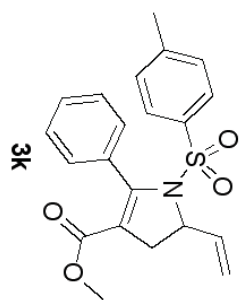


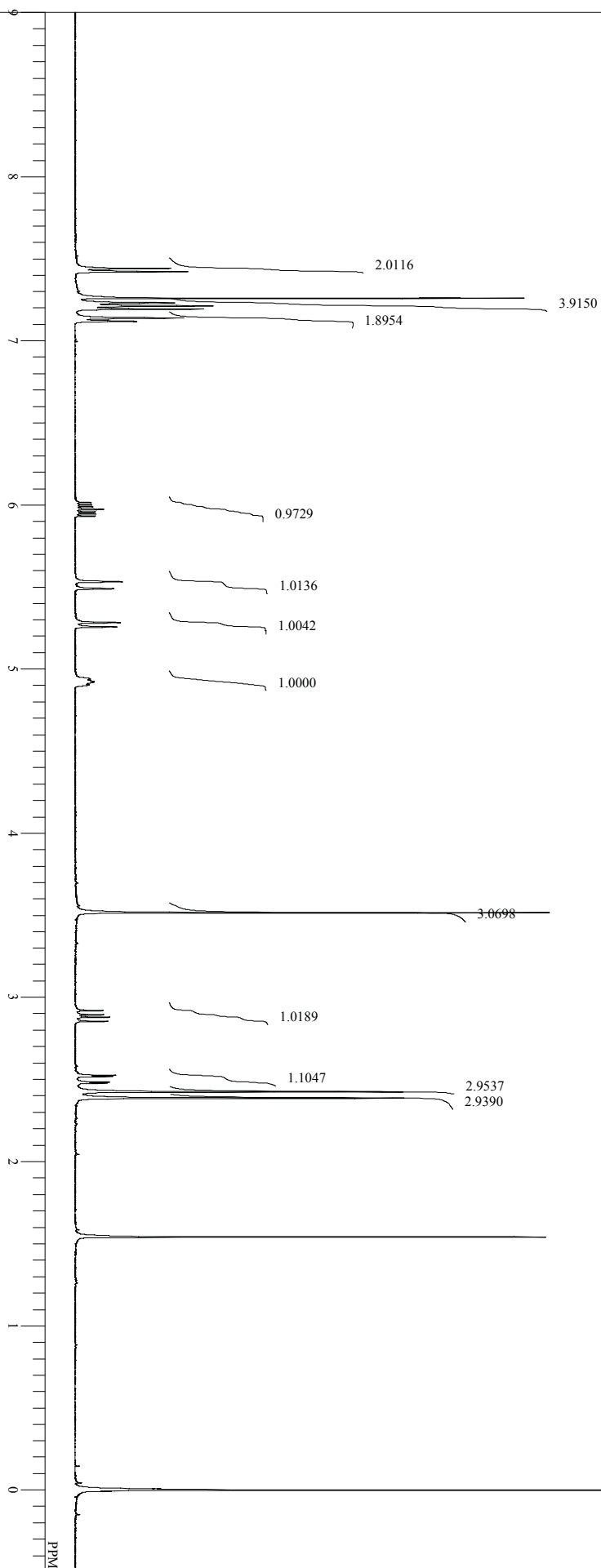
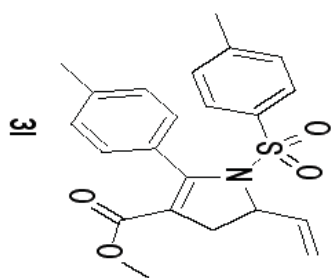


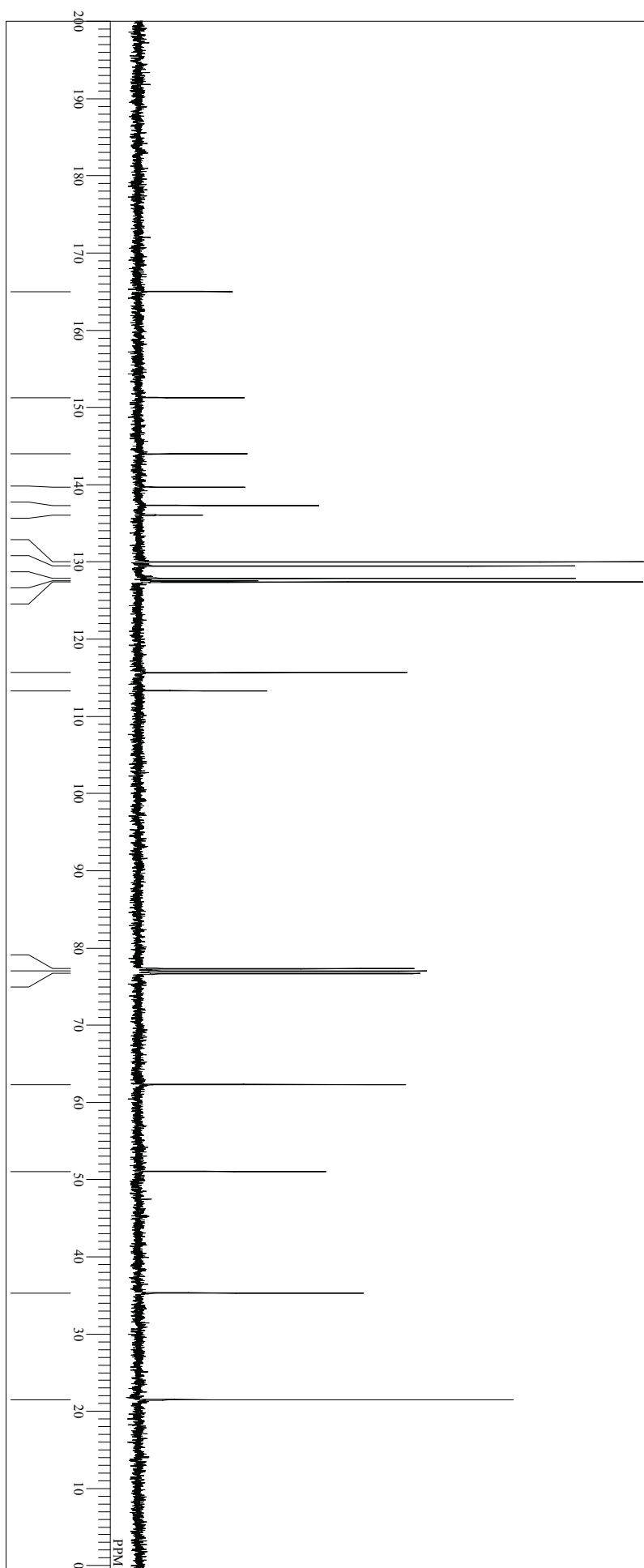
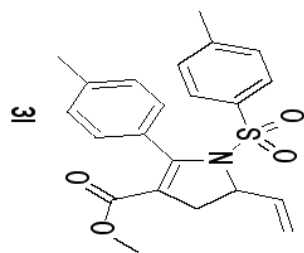


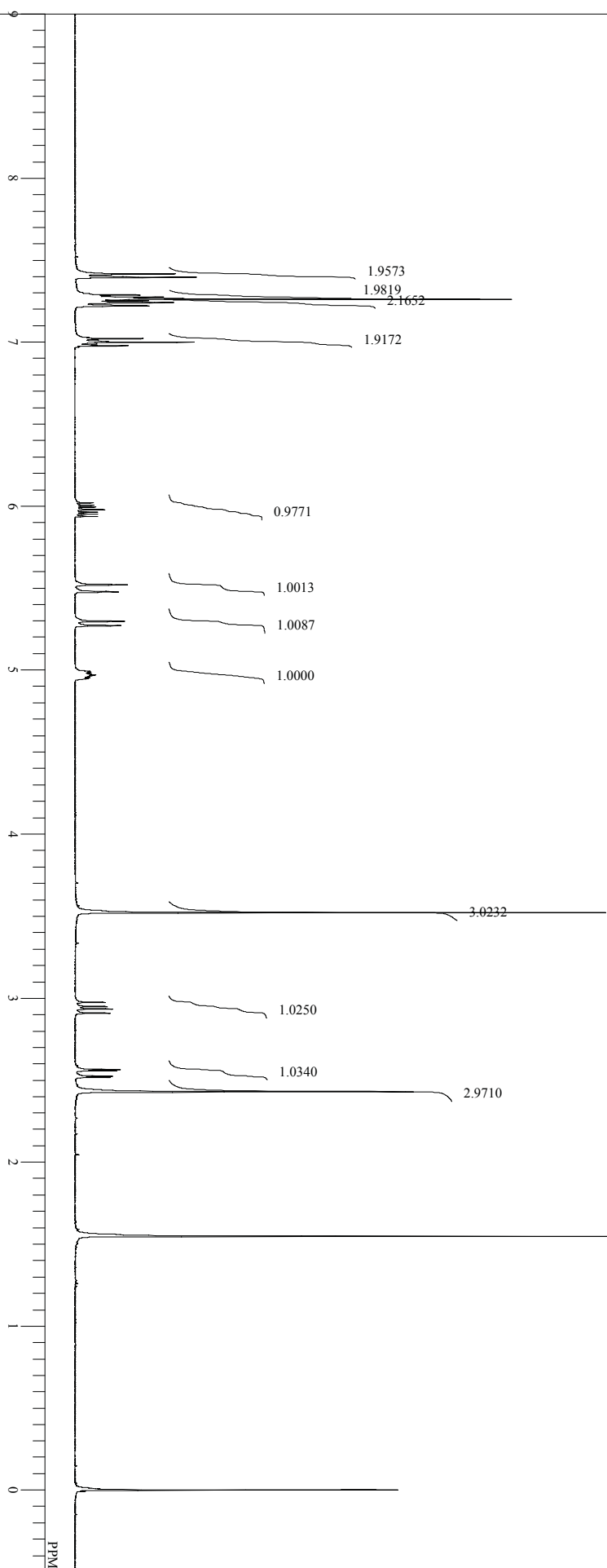
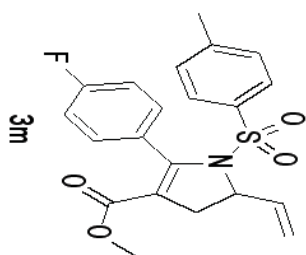


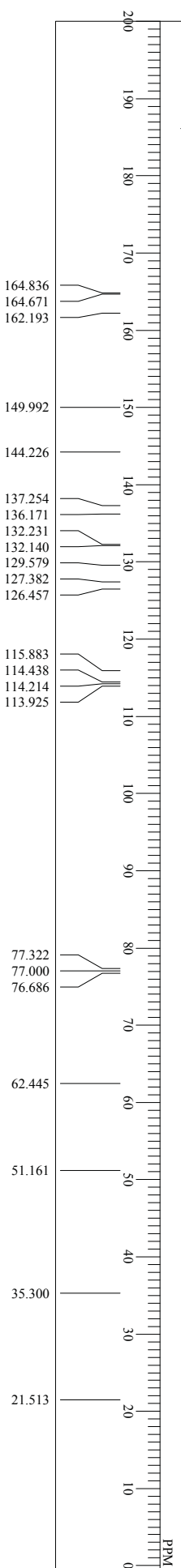
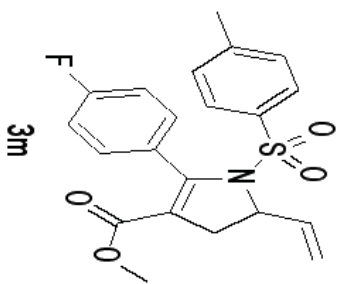


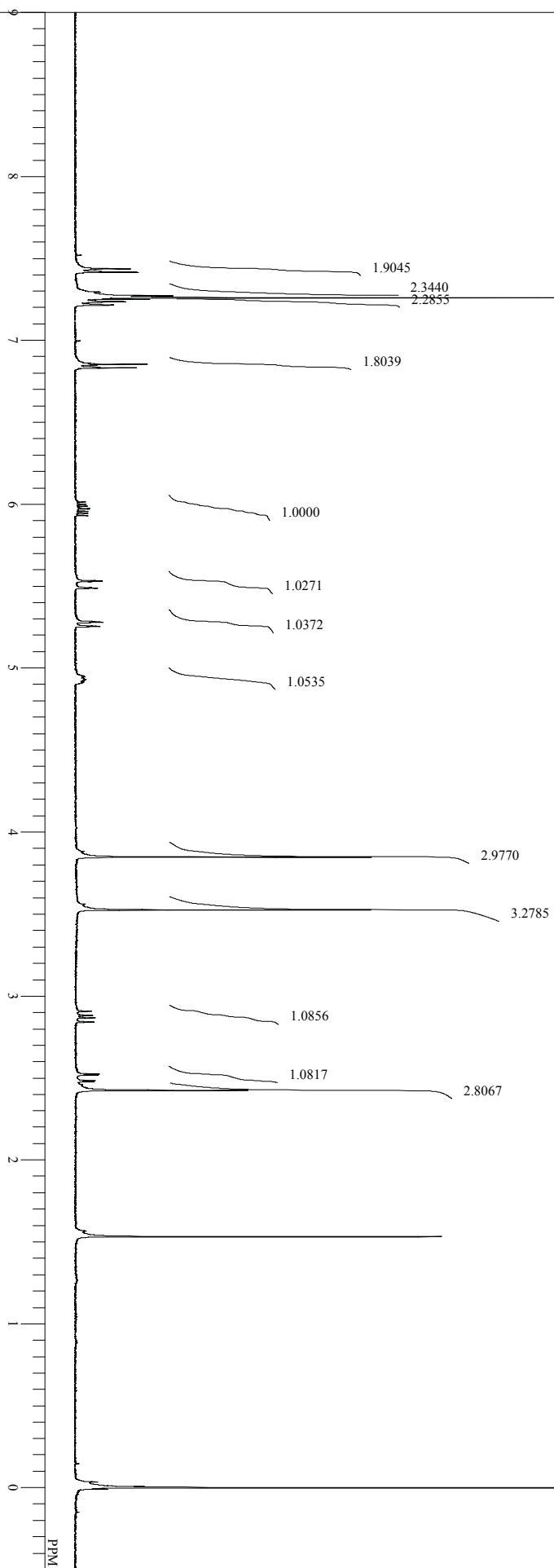
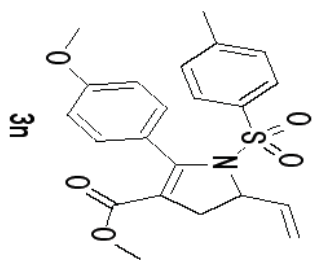




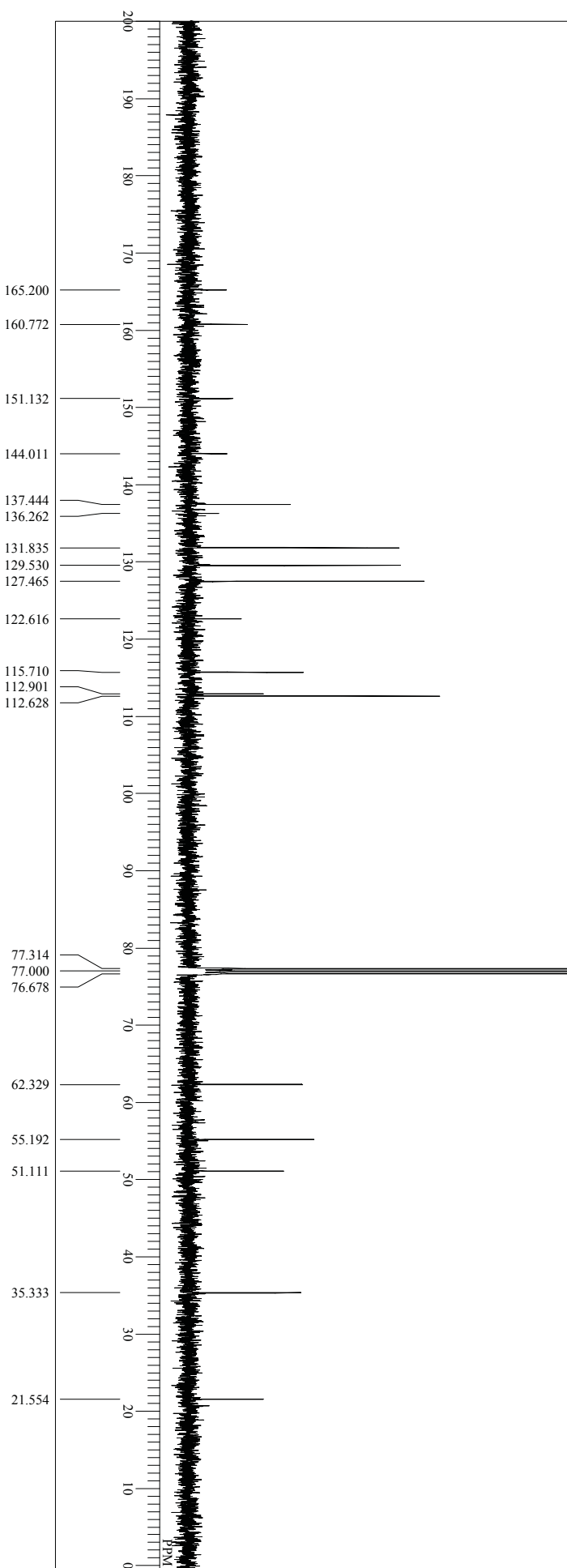
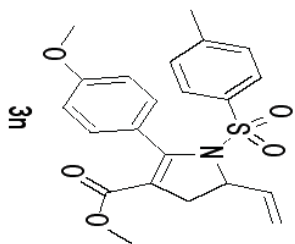


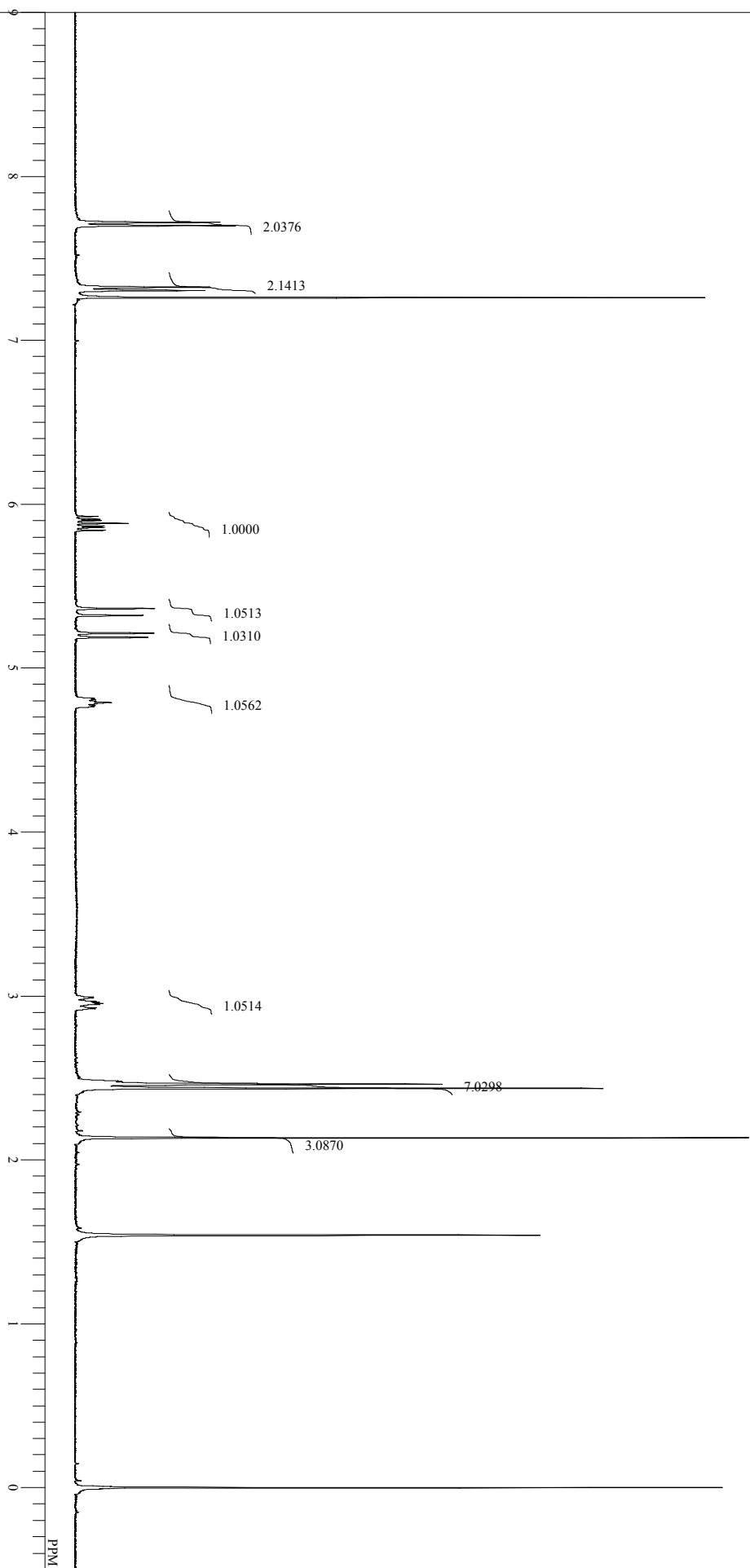
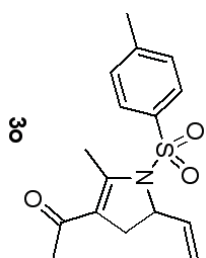


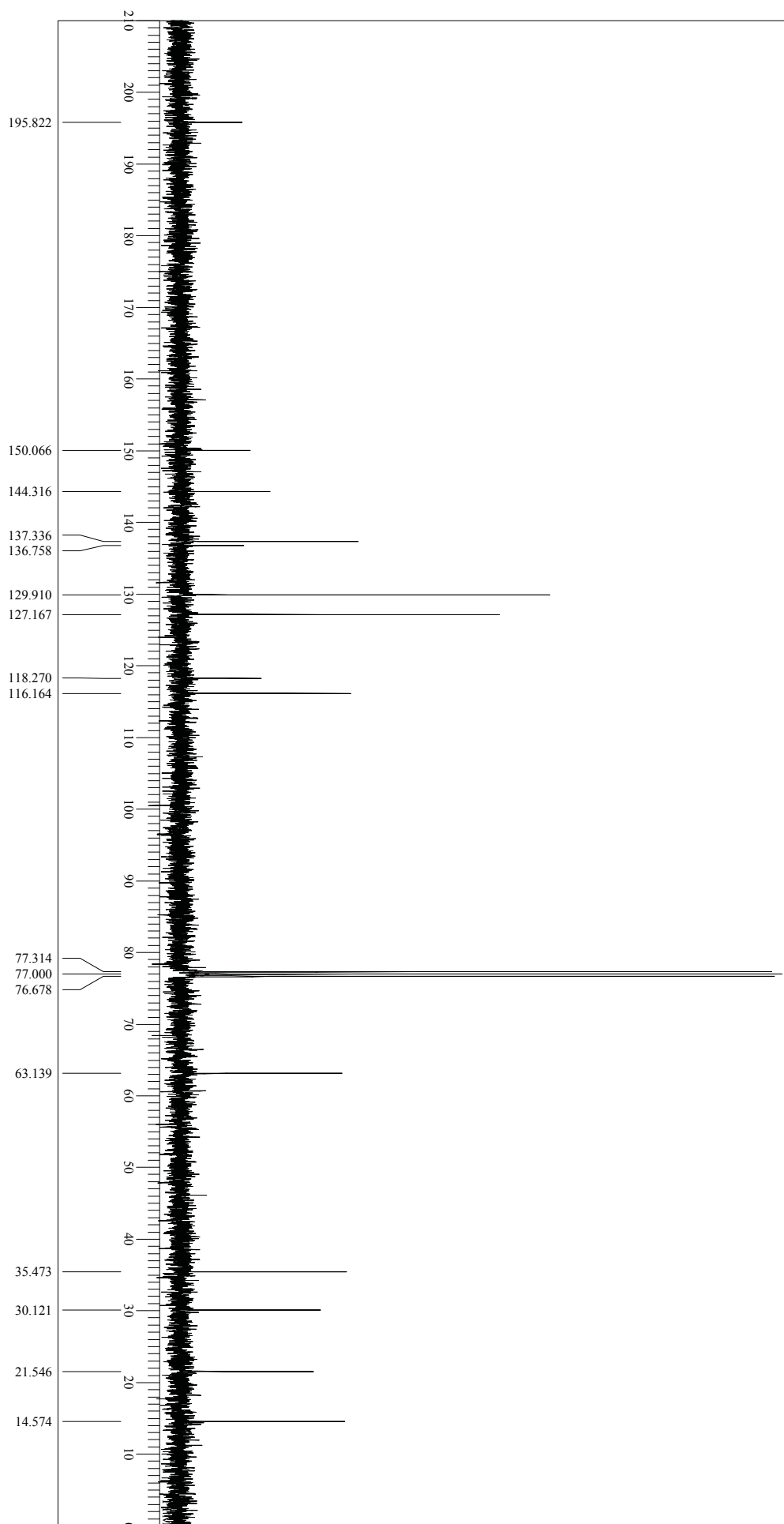
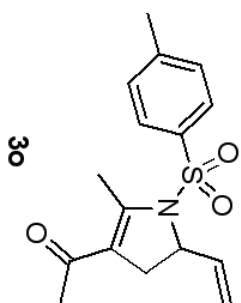


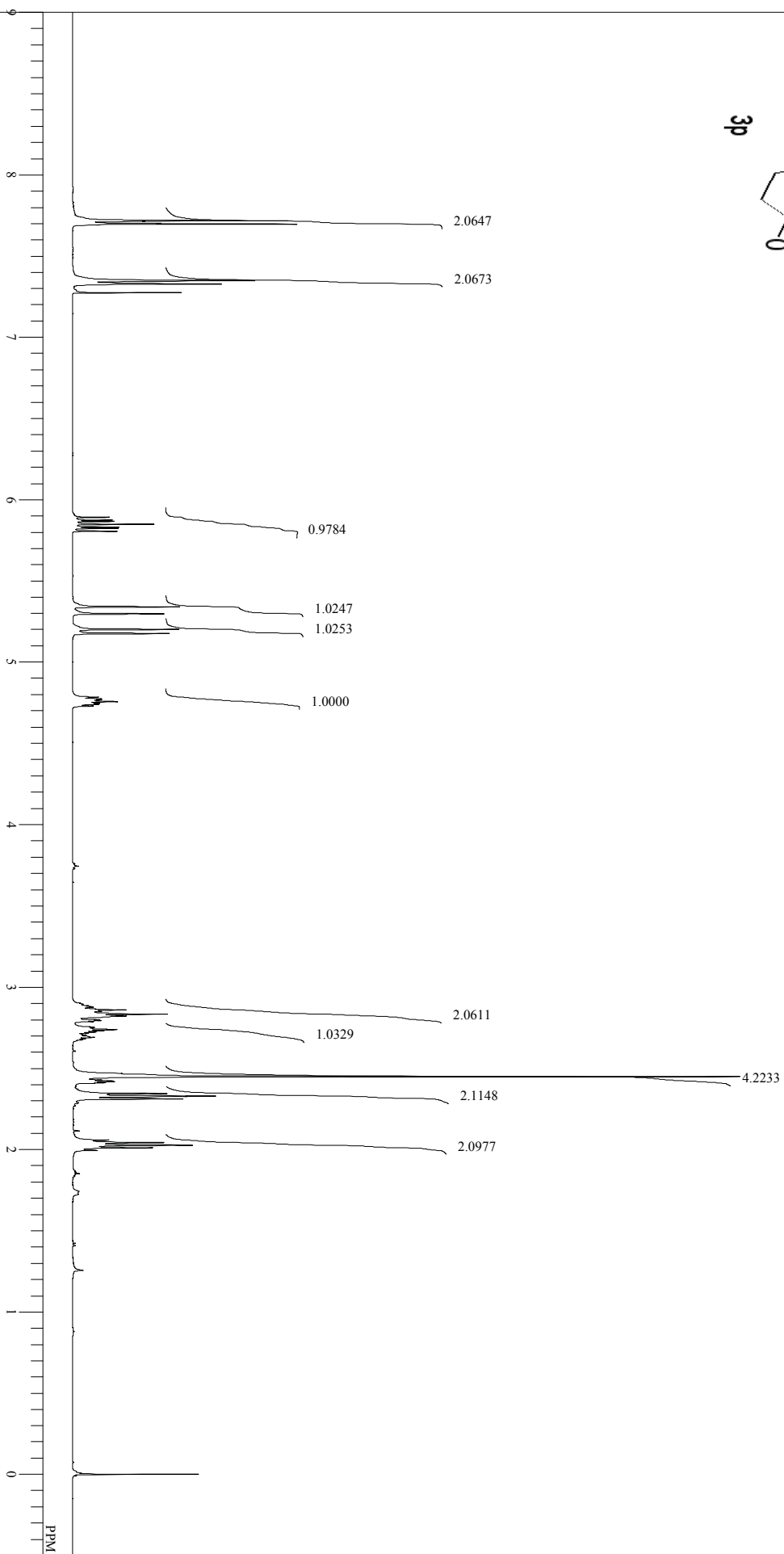
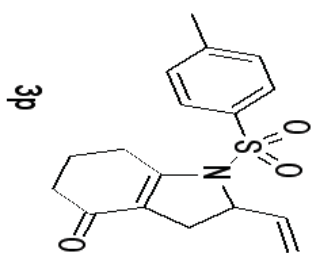


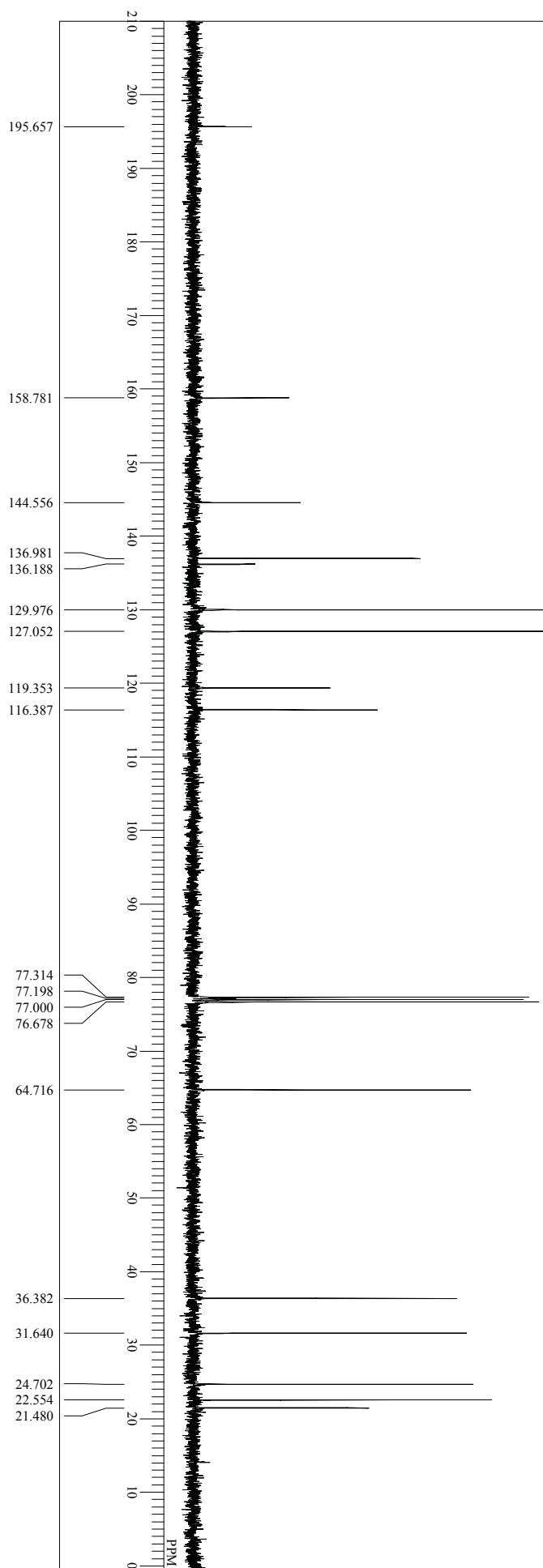
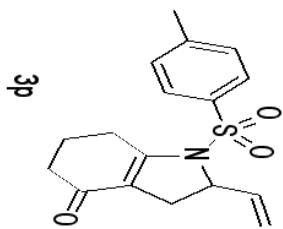
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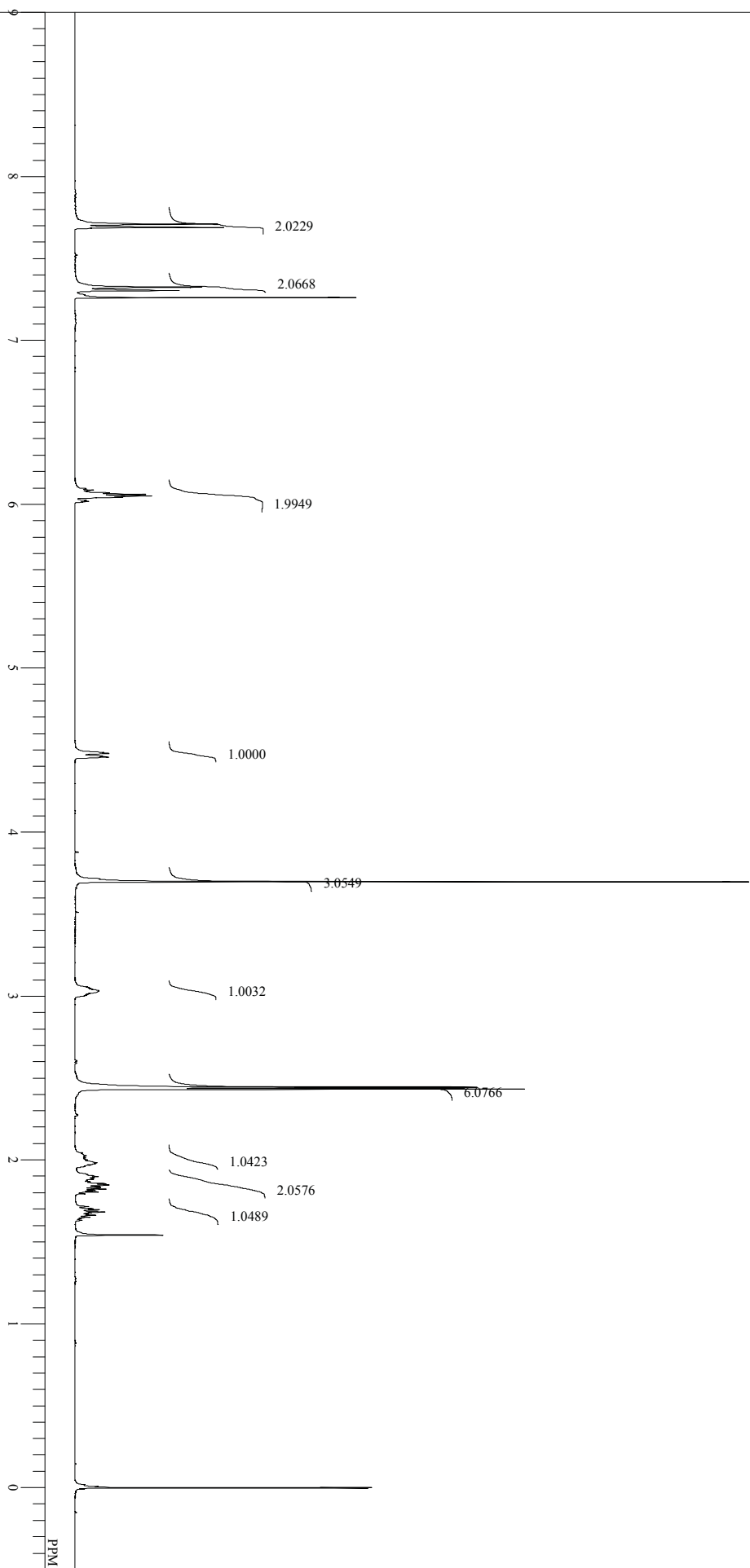
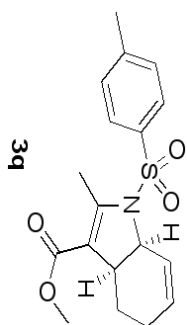


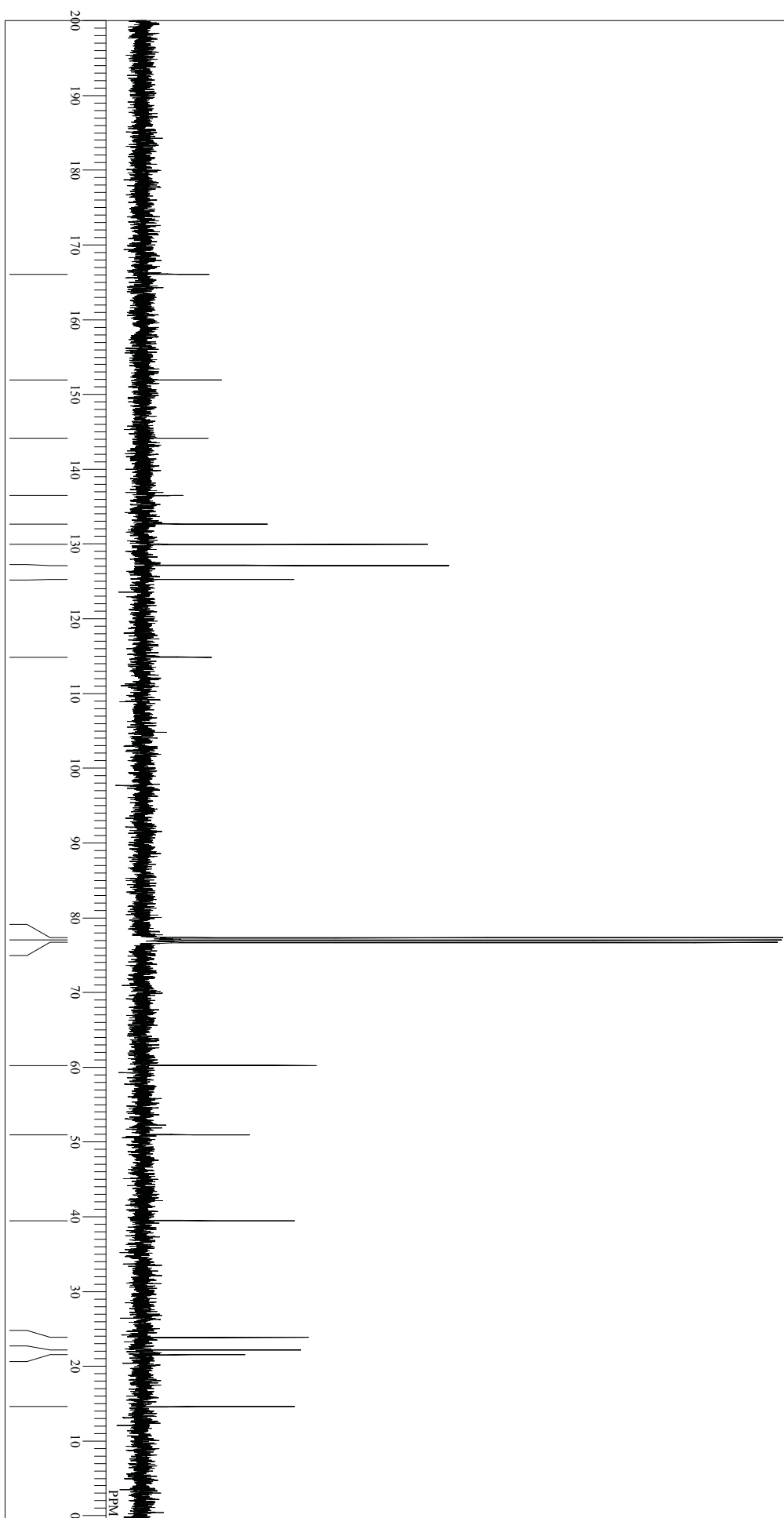
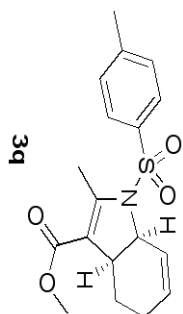


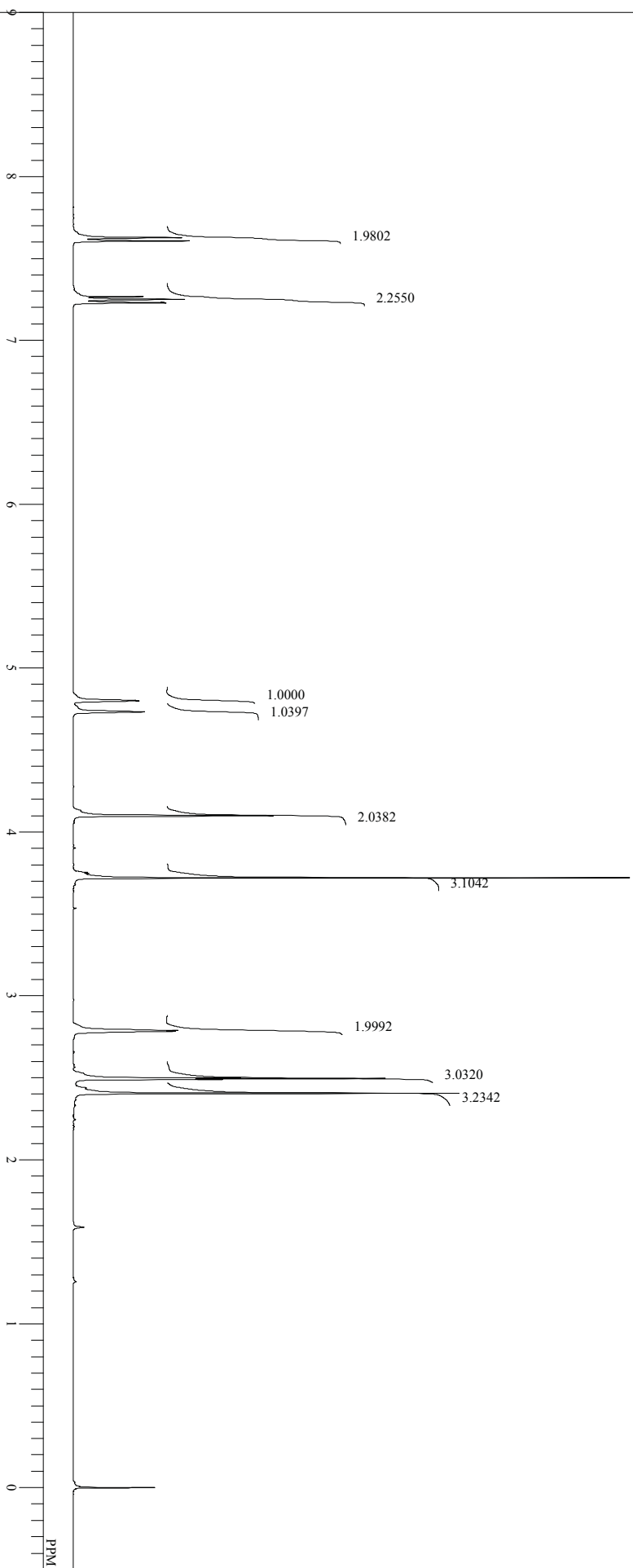
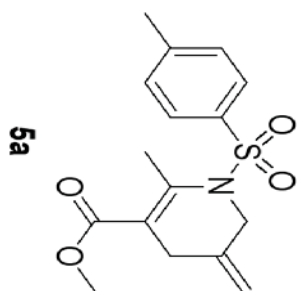


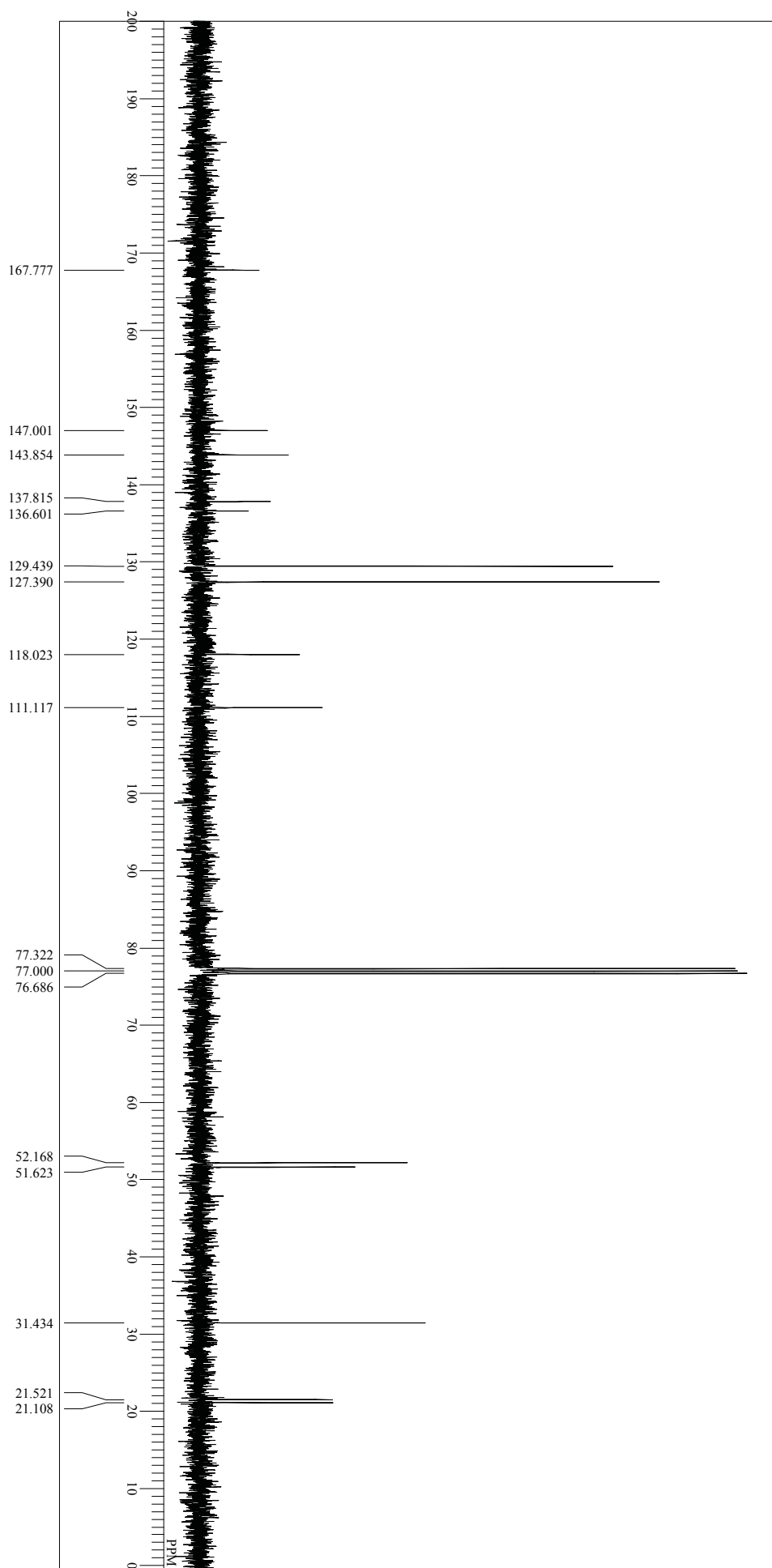
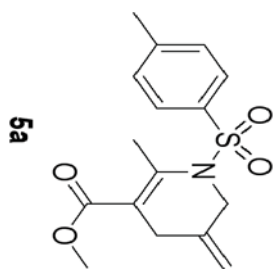


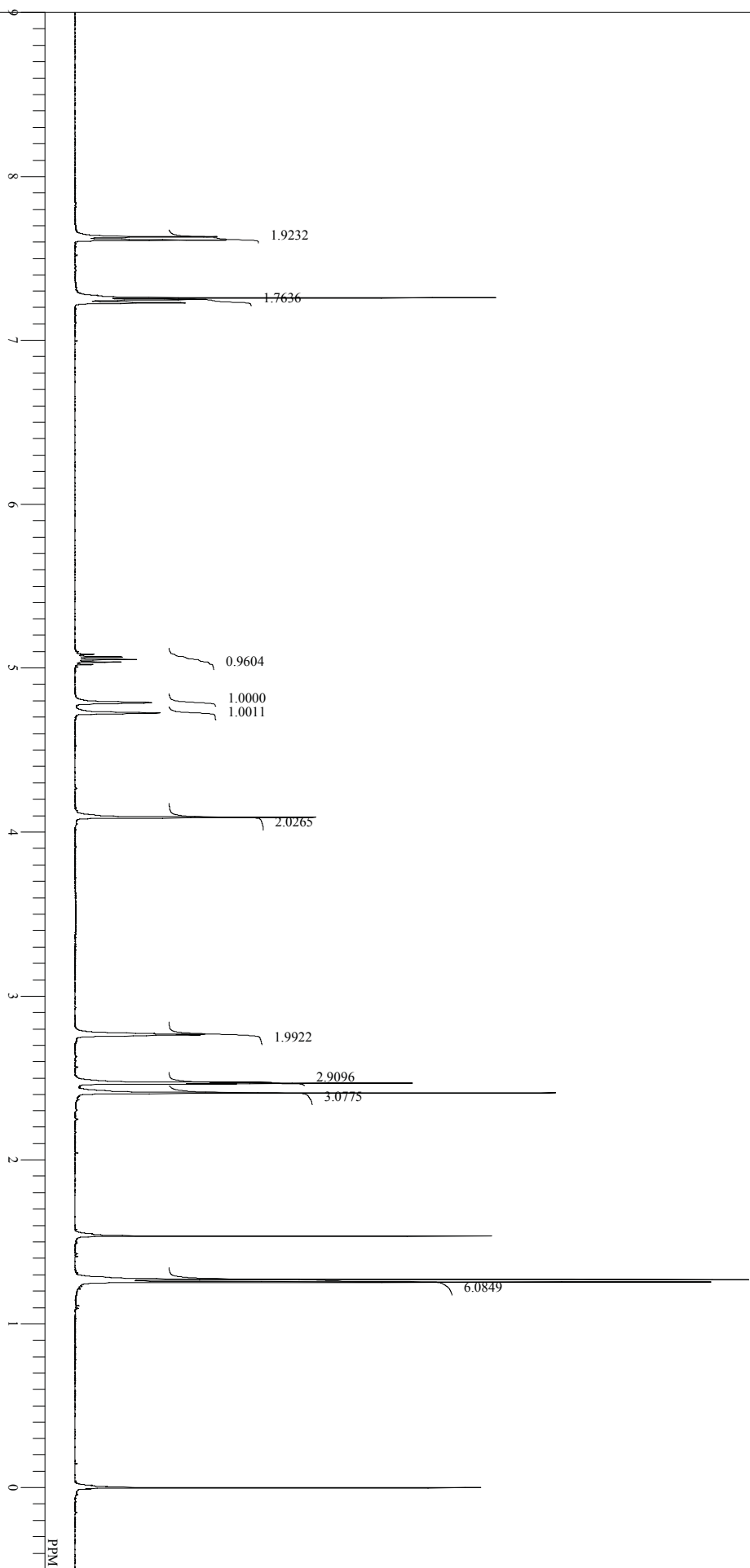
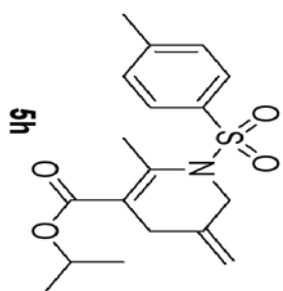


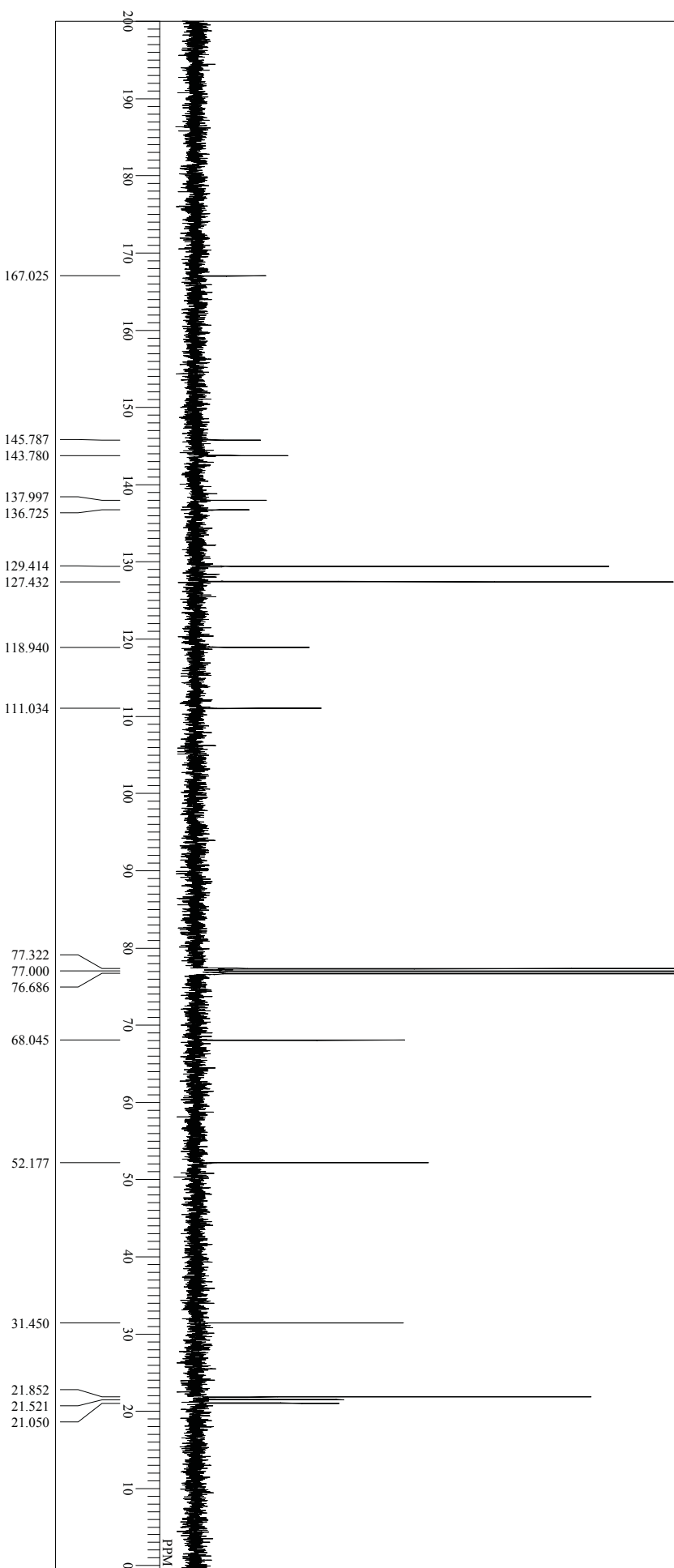
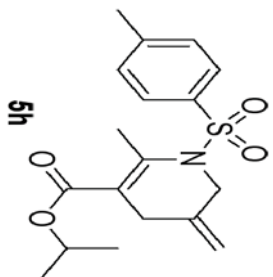


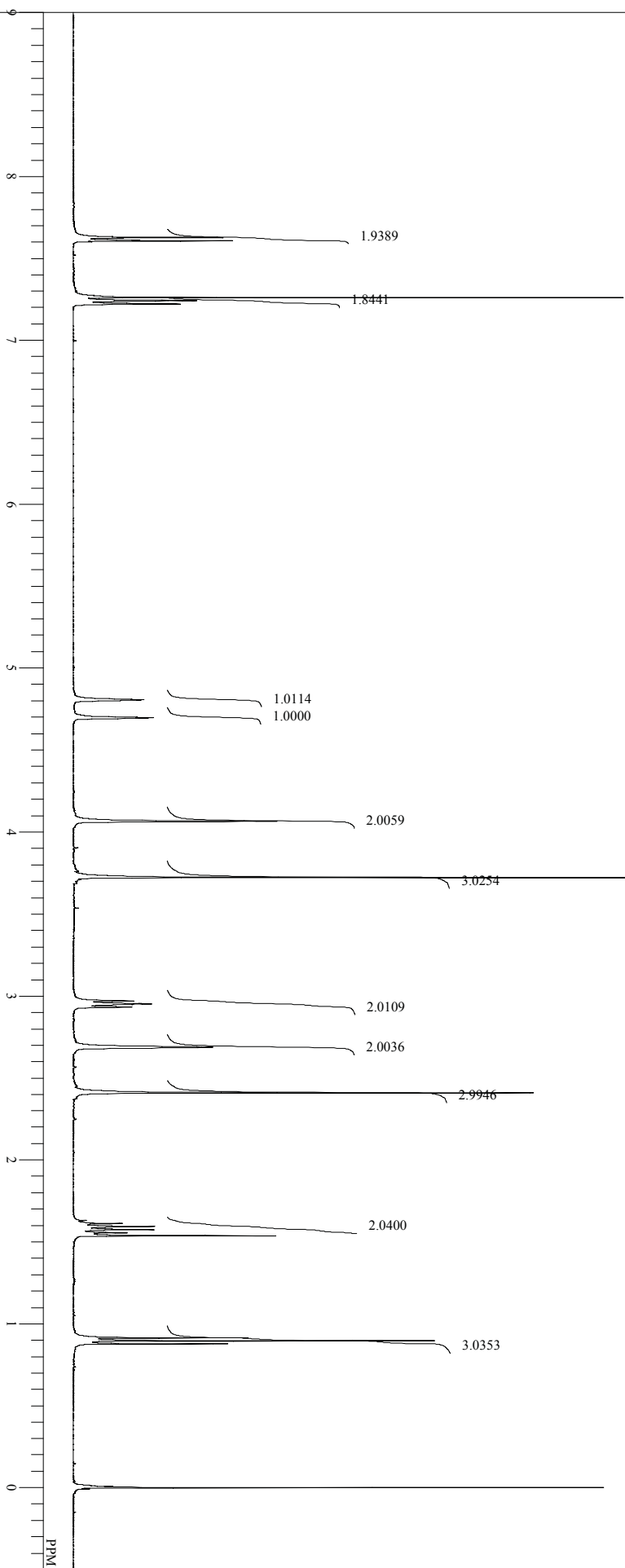
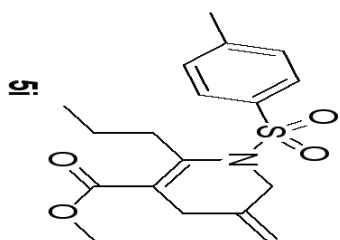


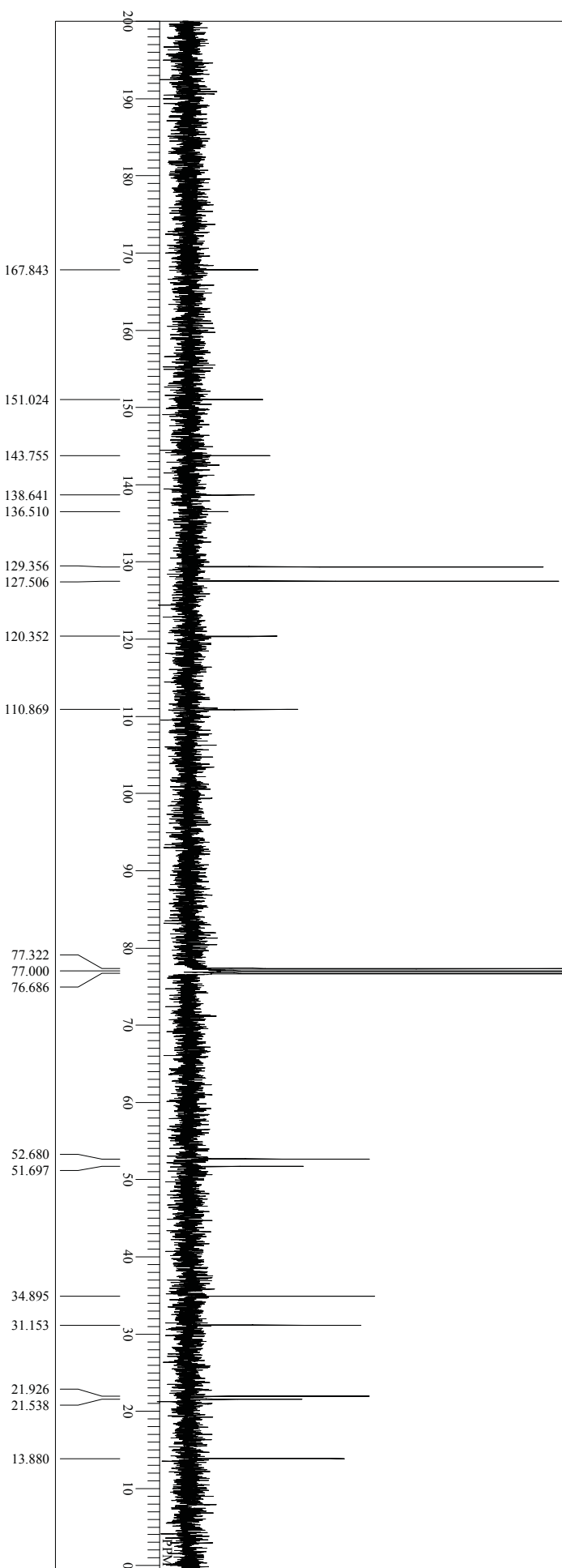
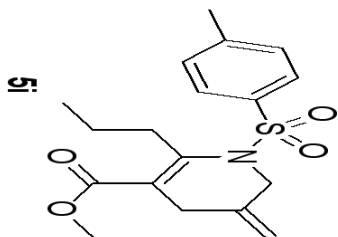


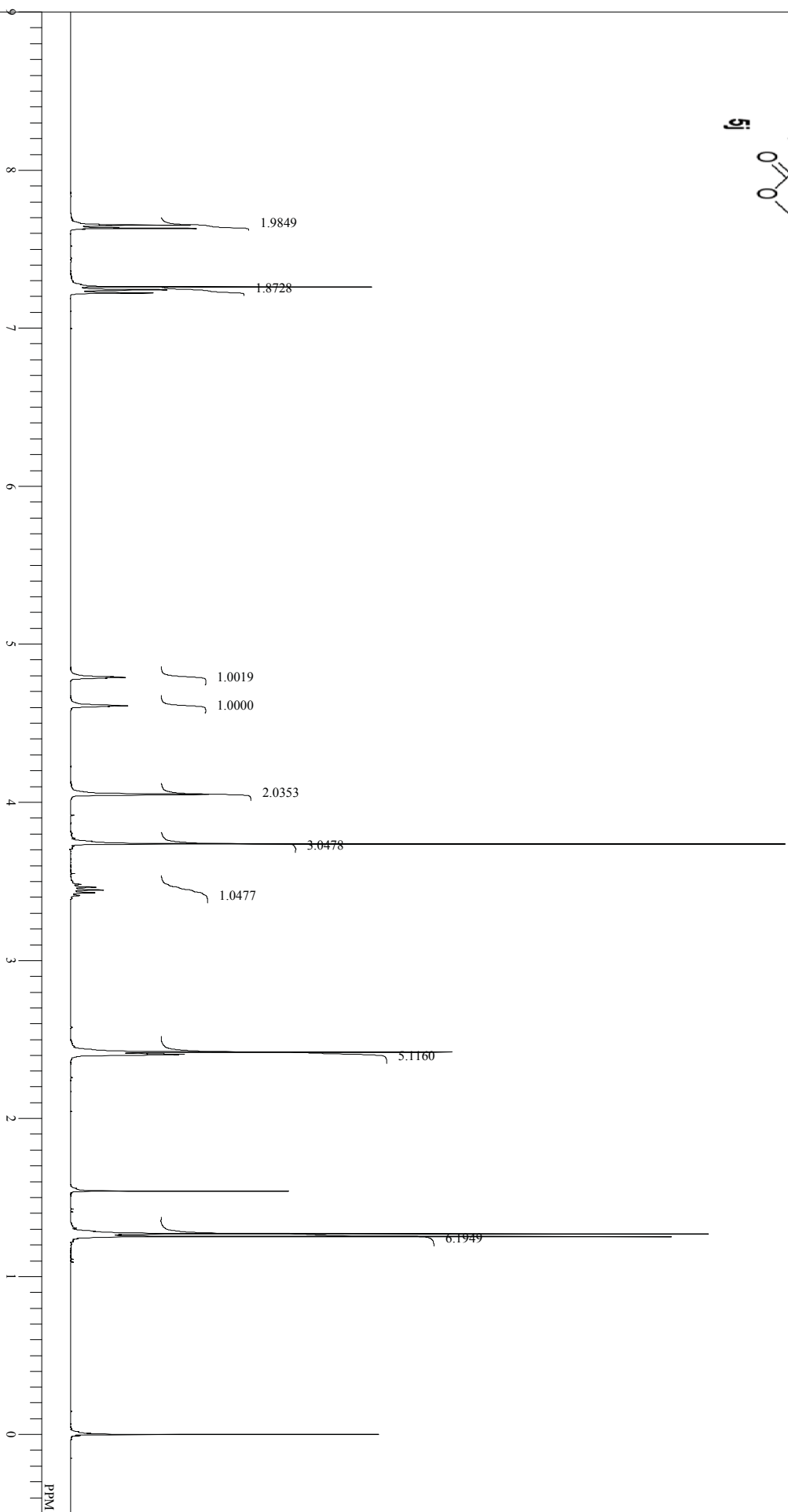
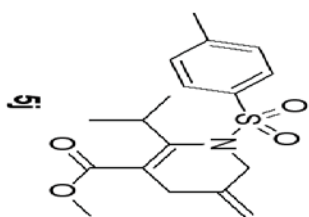




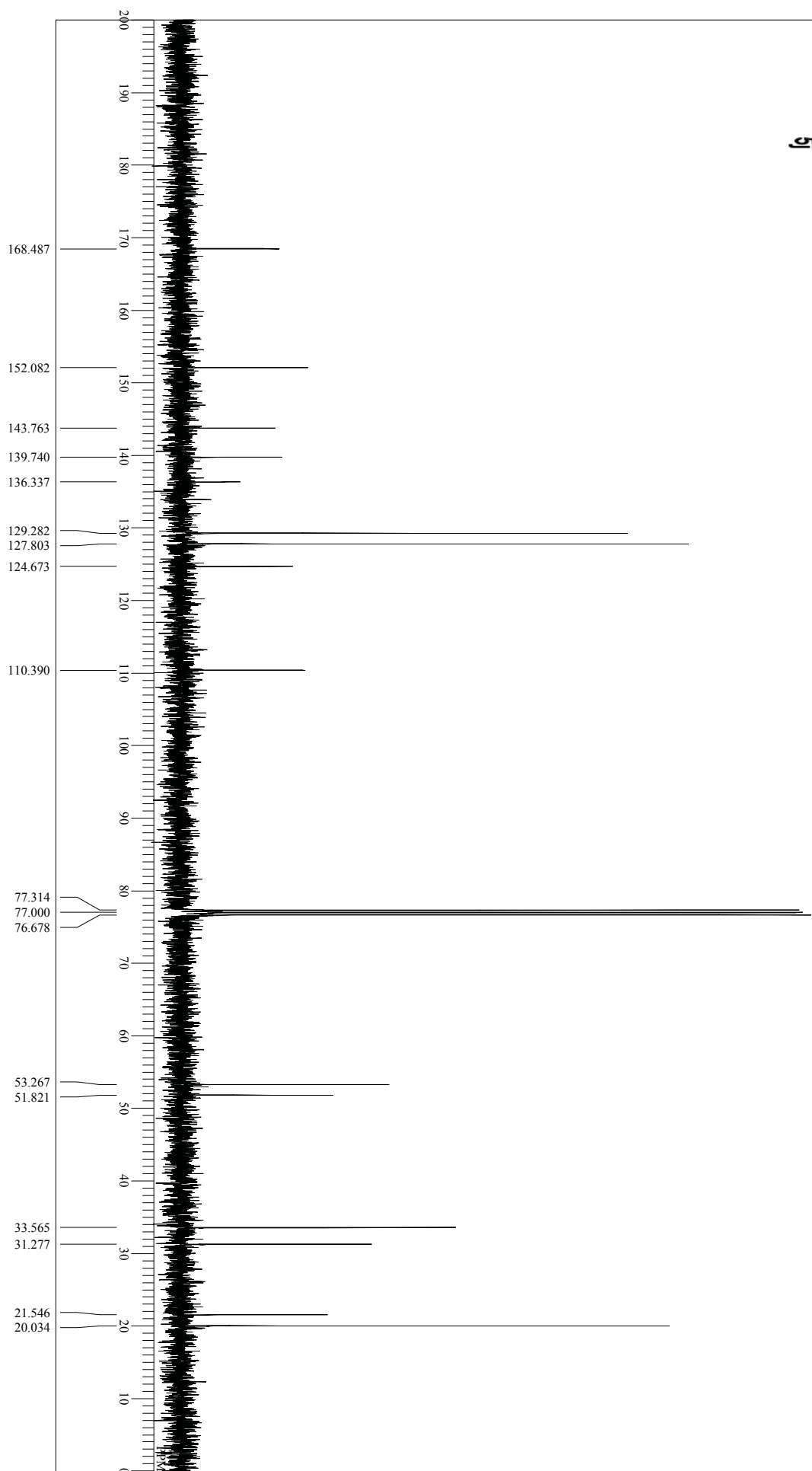
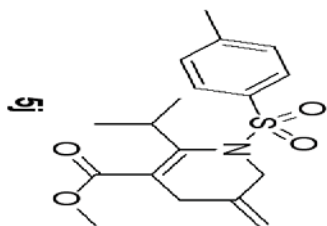


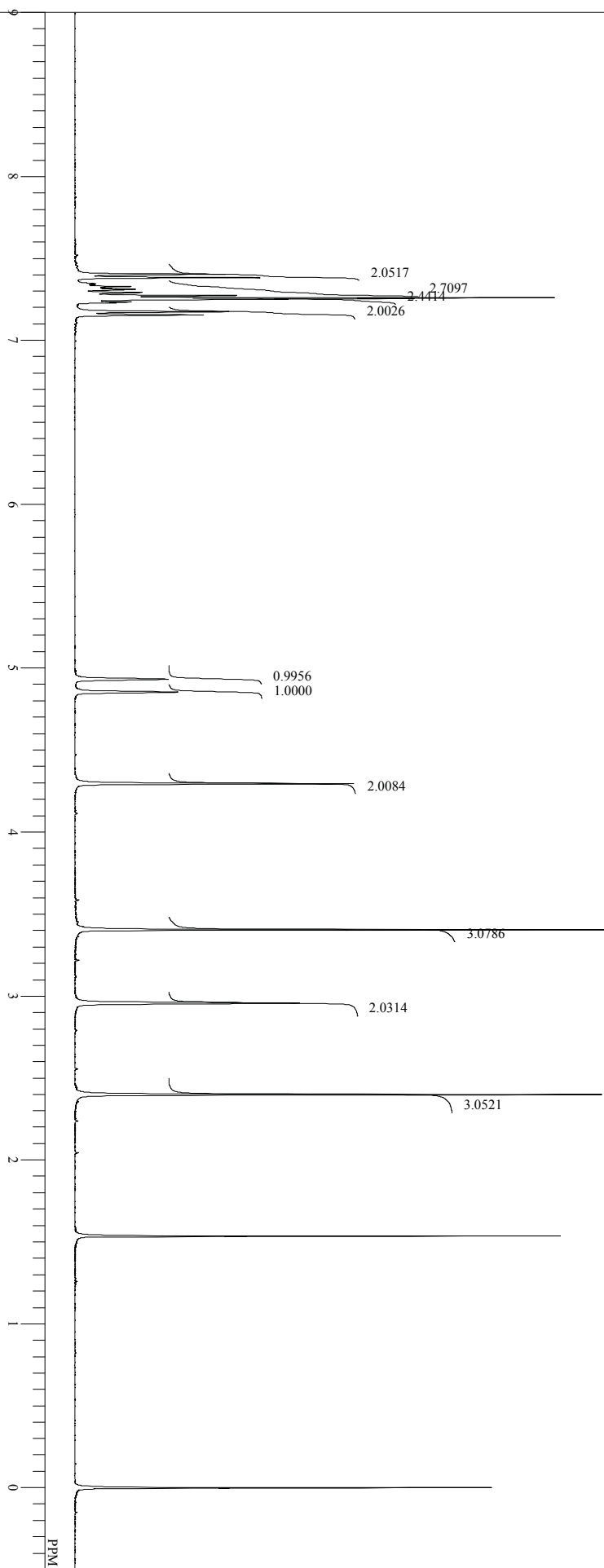
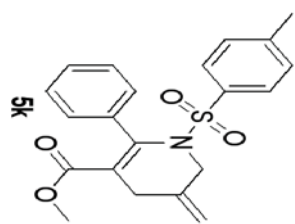


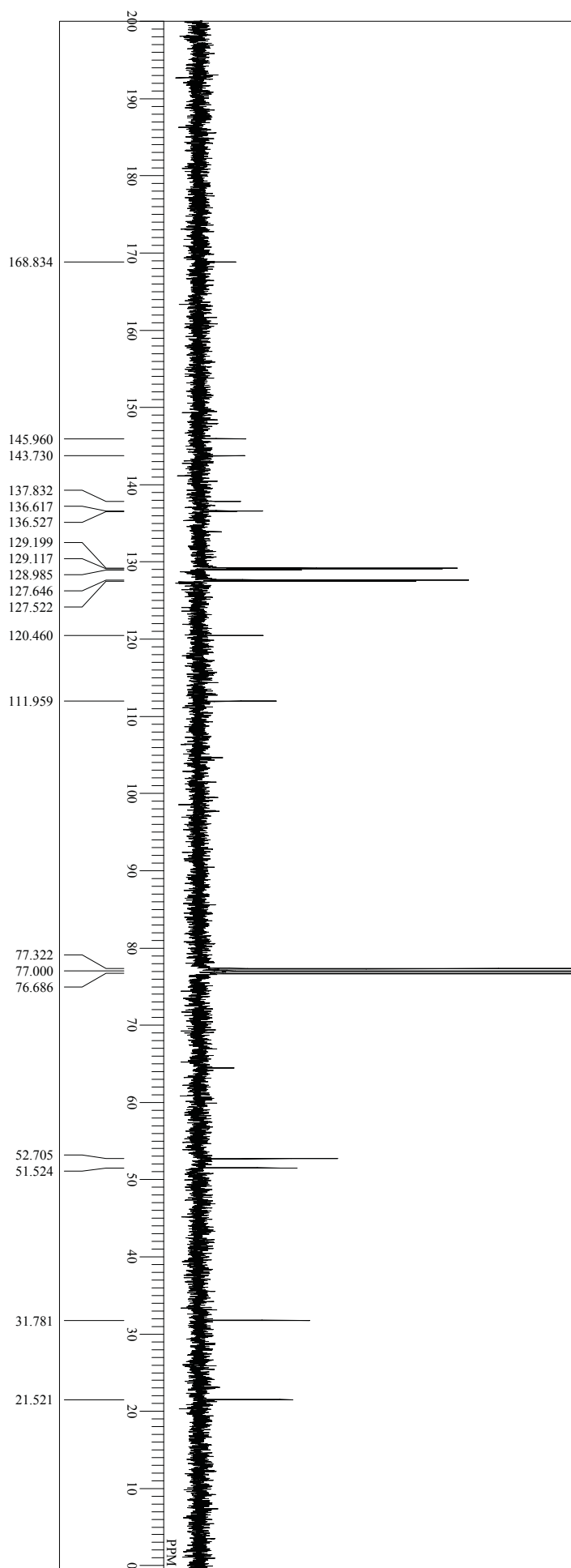
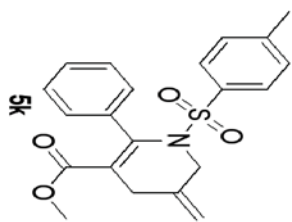


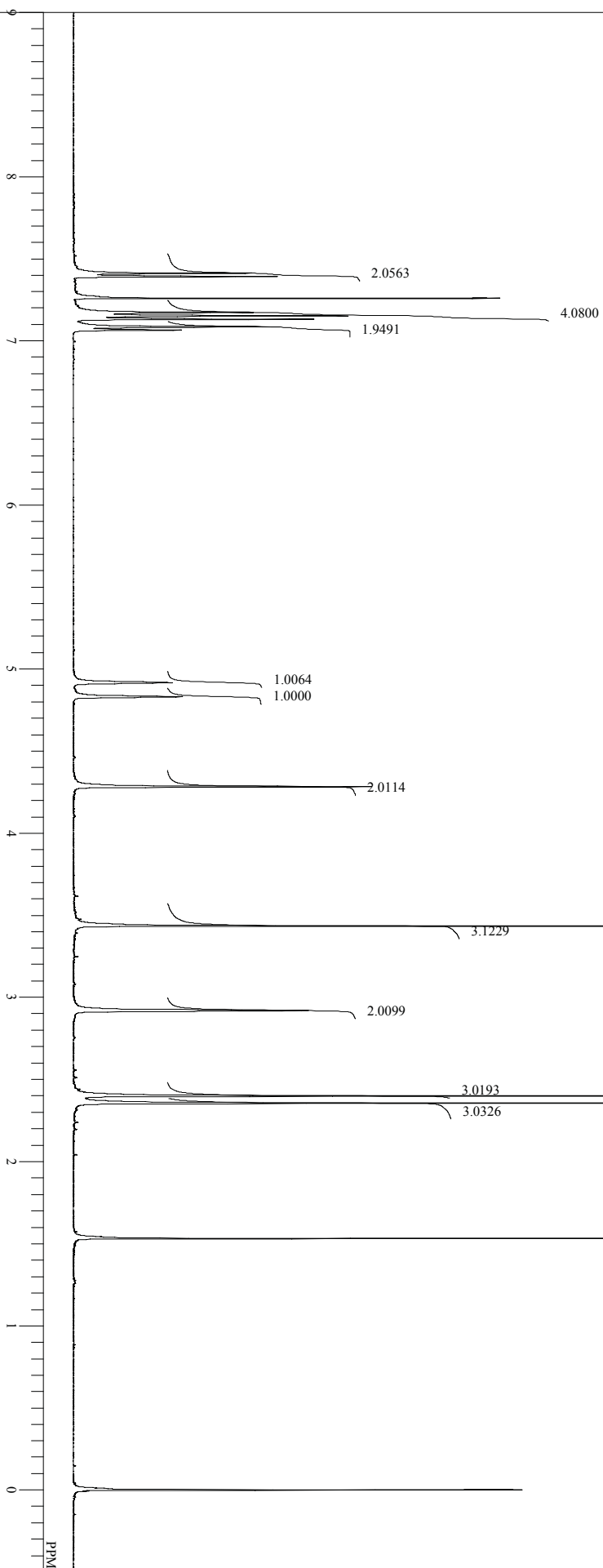
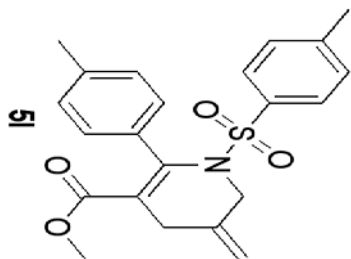


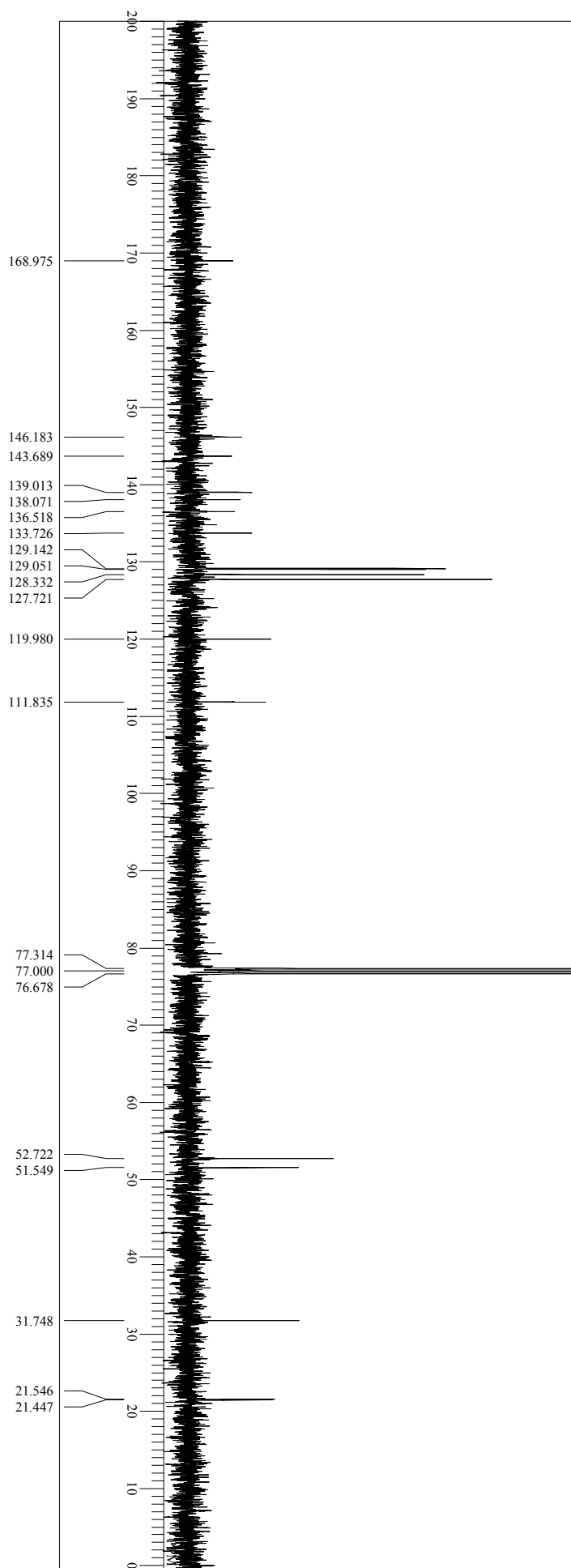
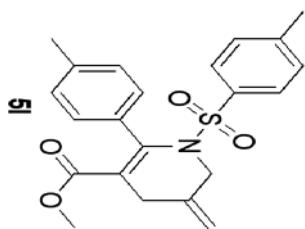
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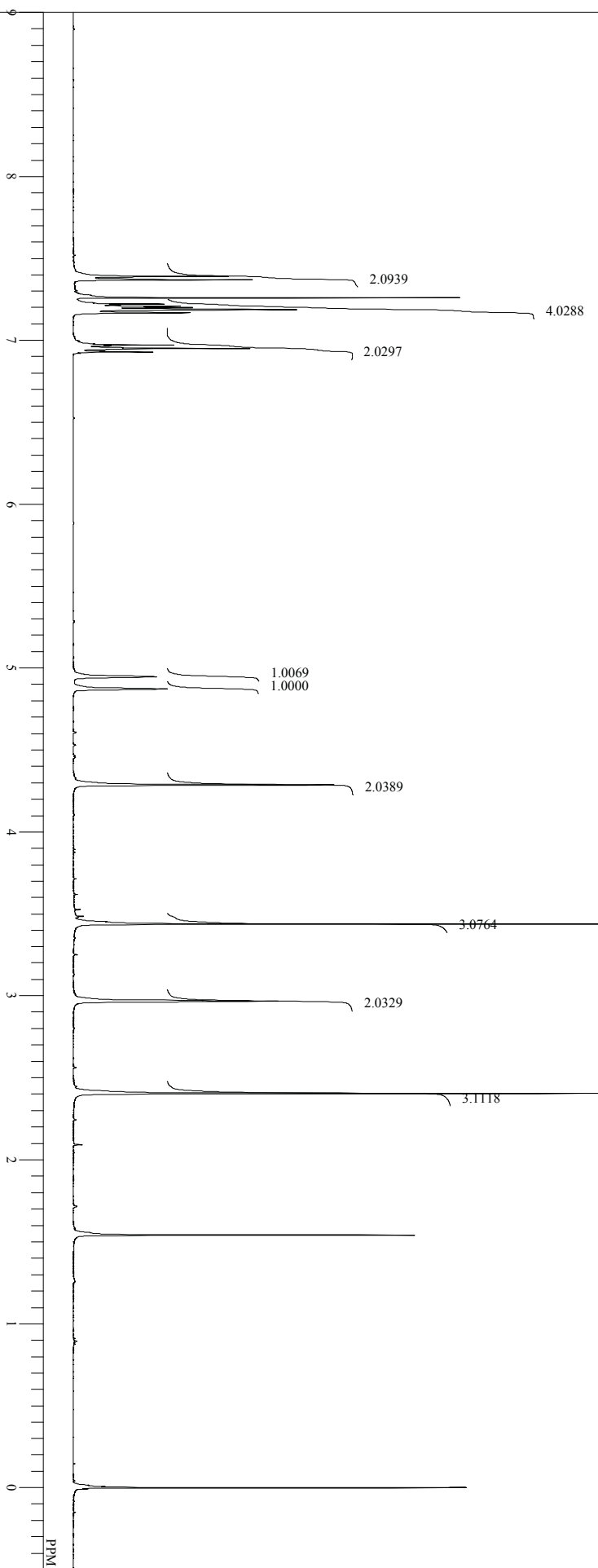
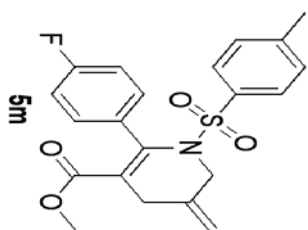












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