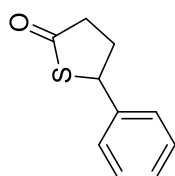


Supplementary Materials
for
Indium-Catalyzed Direct Conversion of Lactones into Thiolactones
Using a Disilathiane as a Sulfur Source

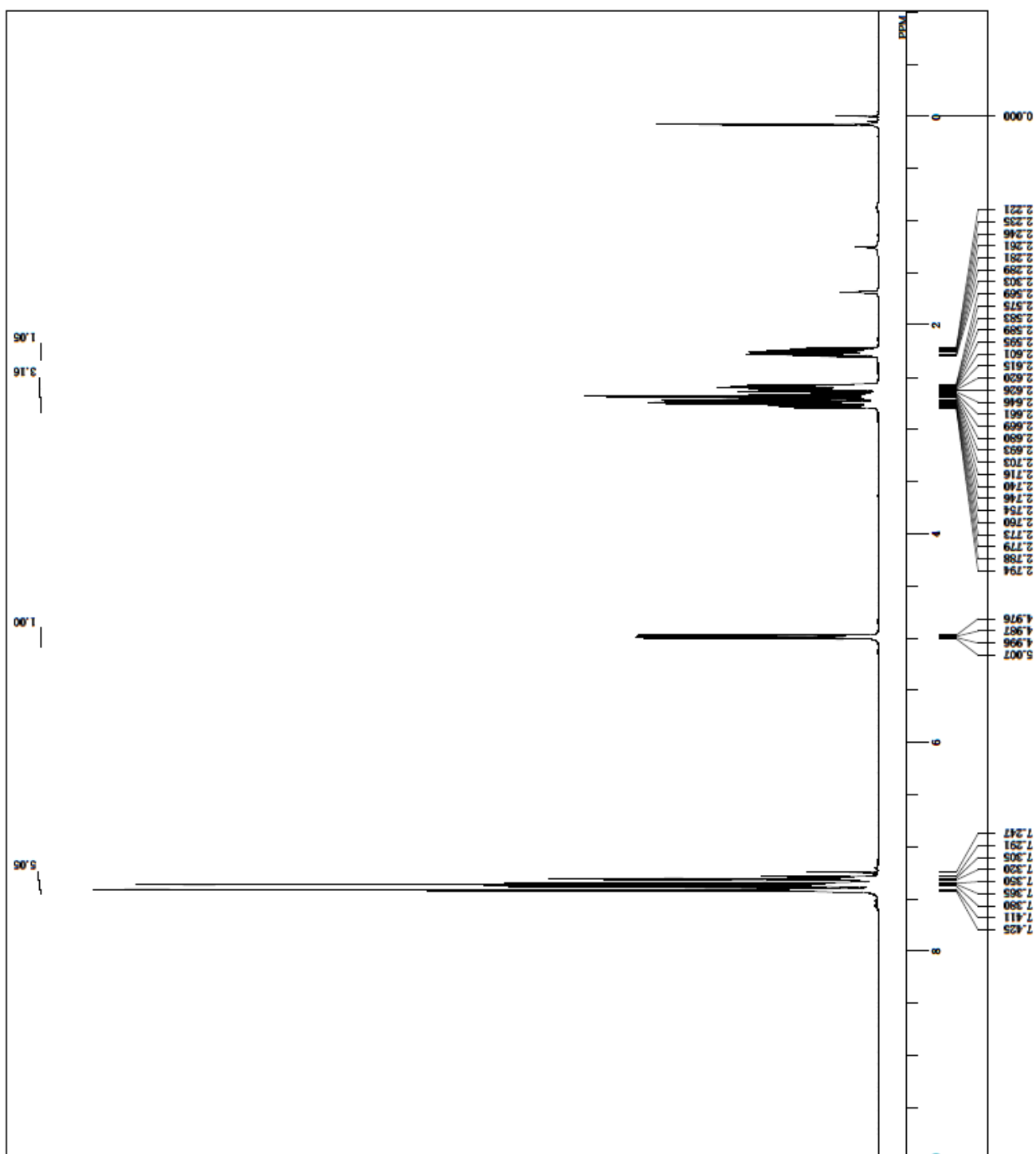
Yohei Ogiwara, Ken Takano, Shuhei Horikawa, and Norio Sakai*

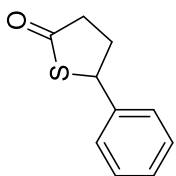
*Department of Pure and Applied Chemistry, Faculty of Science and Technology
Tokyo University of Science, 2641 Yamazaki, Noda, Chiba 278-8510, Japan*

sakachem@rs.noda.tus.ac.jp

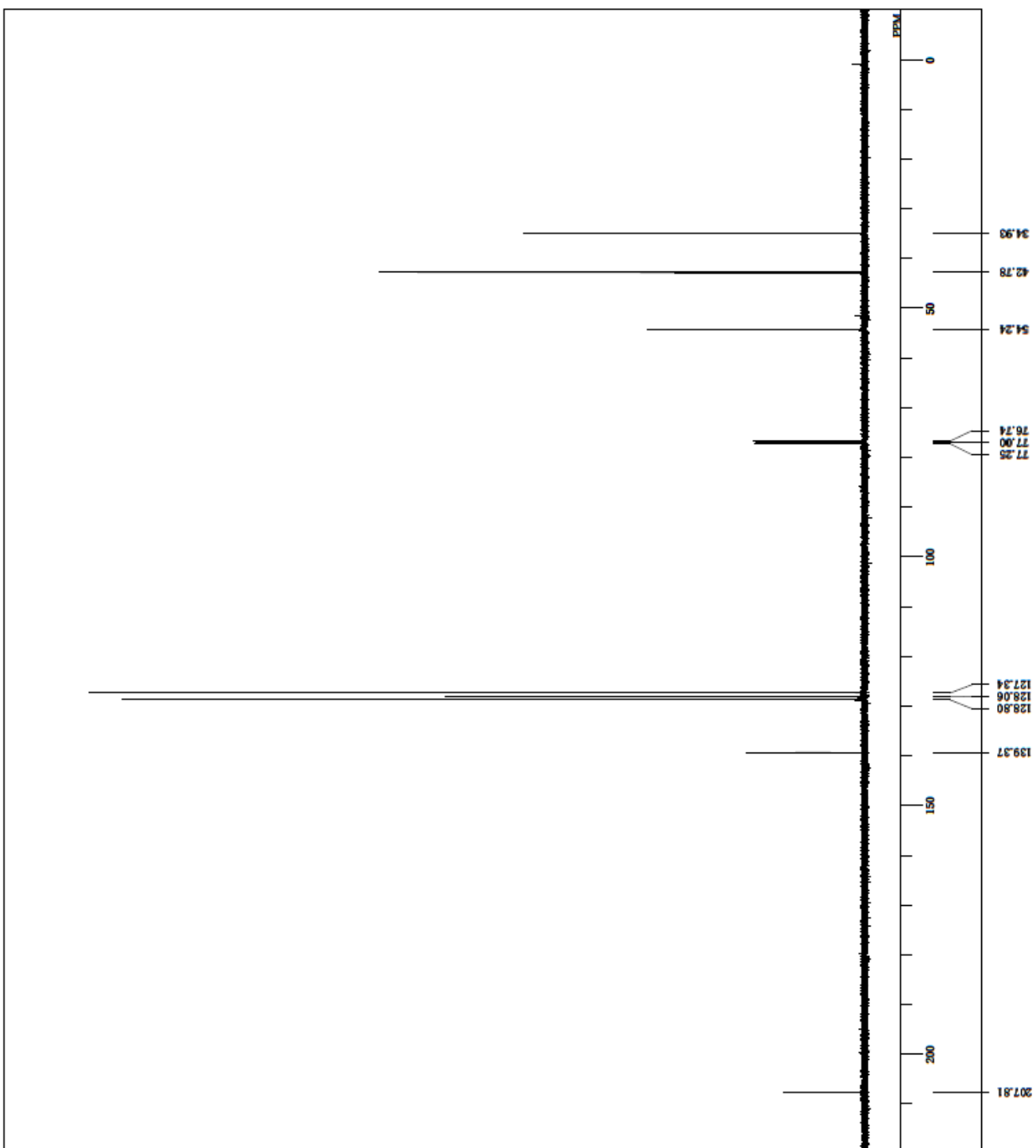


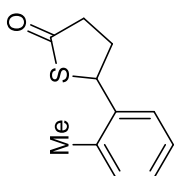
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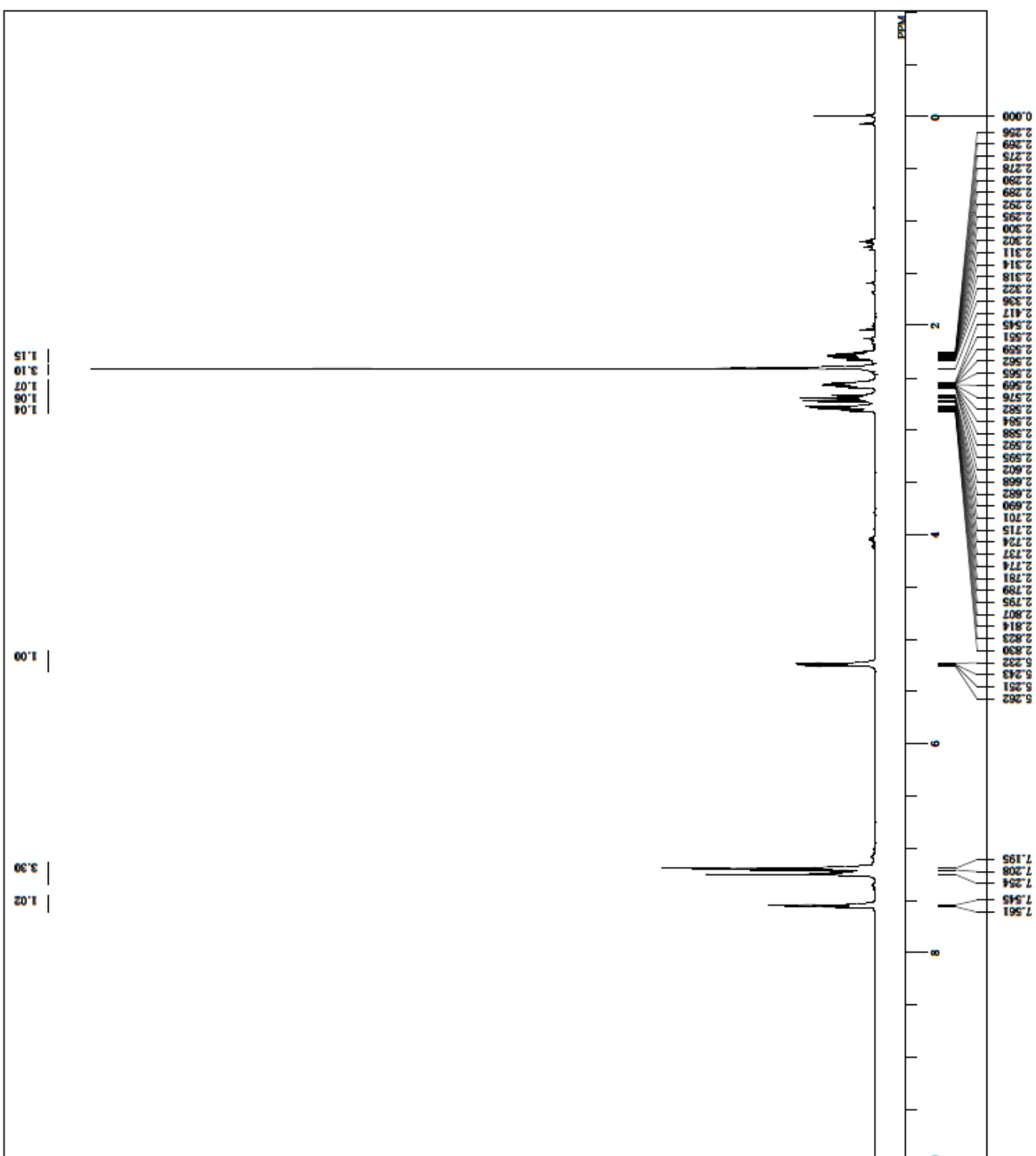


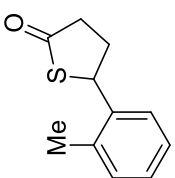
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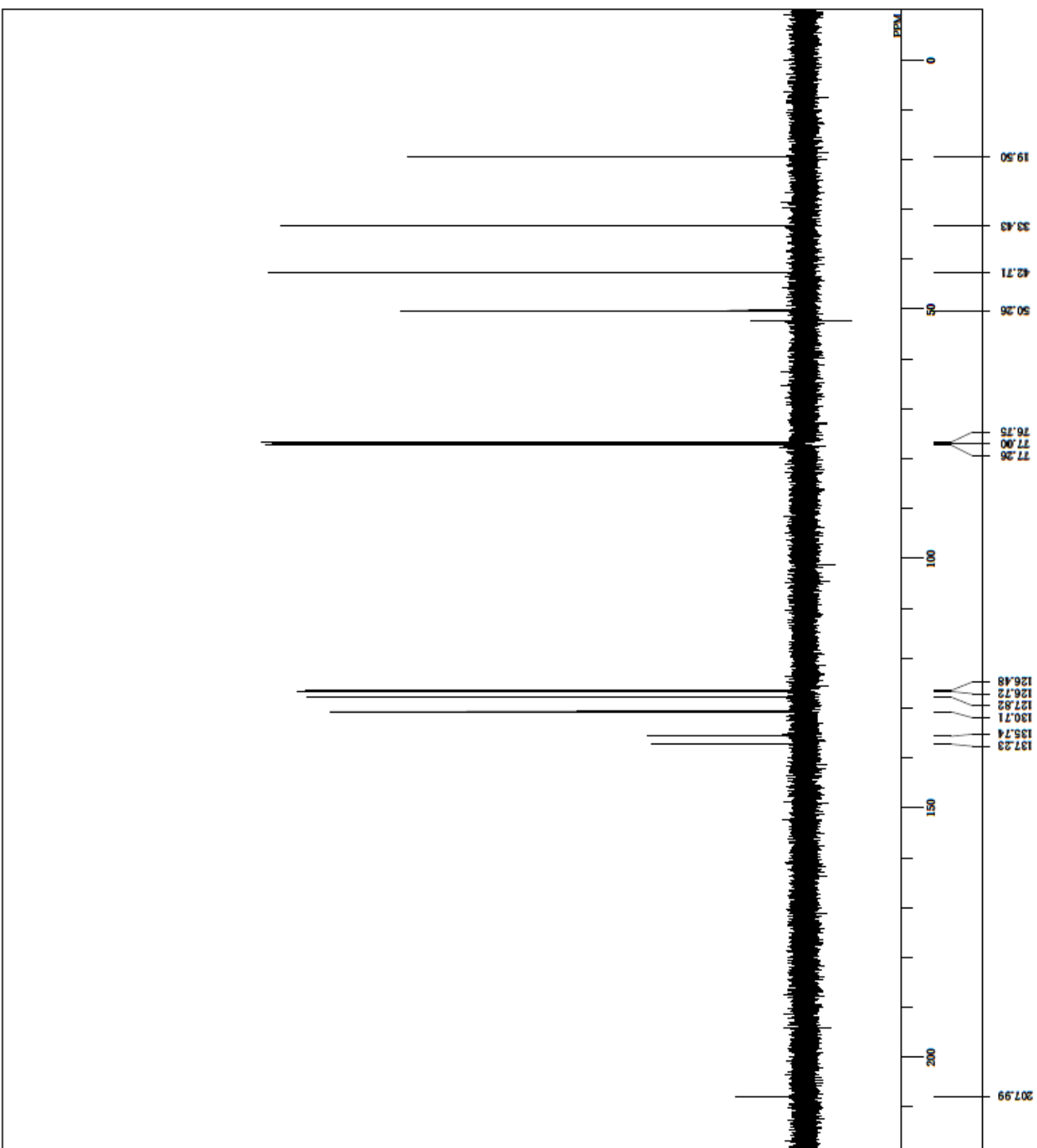


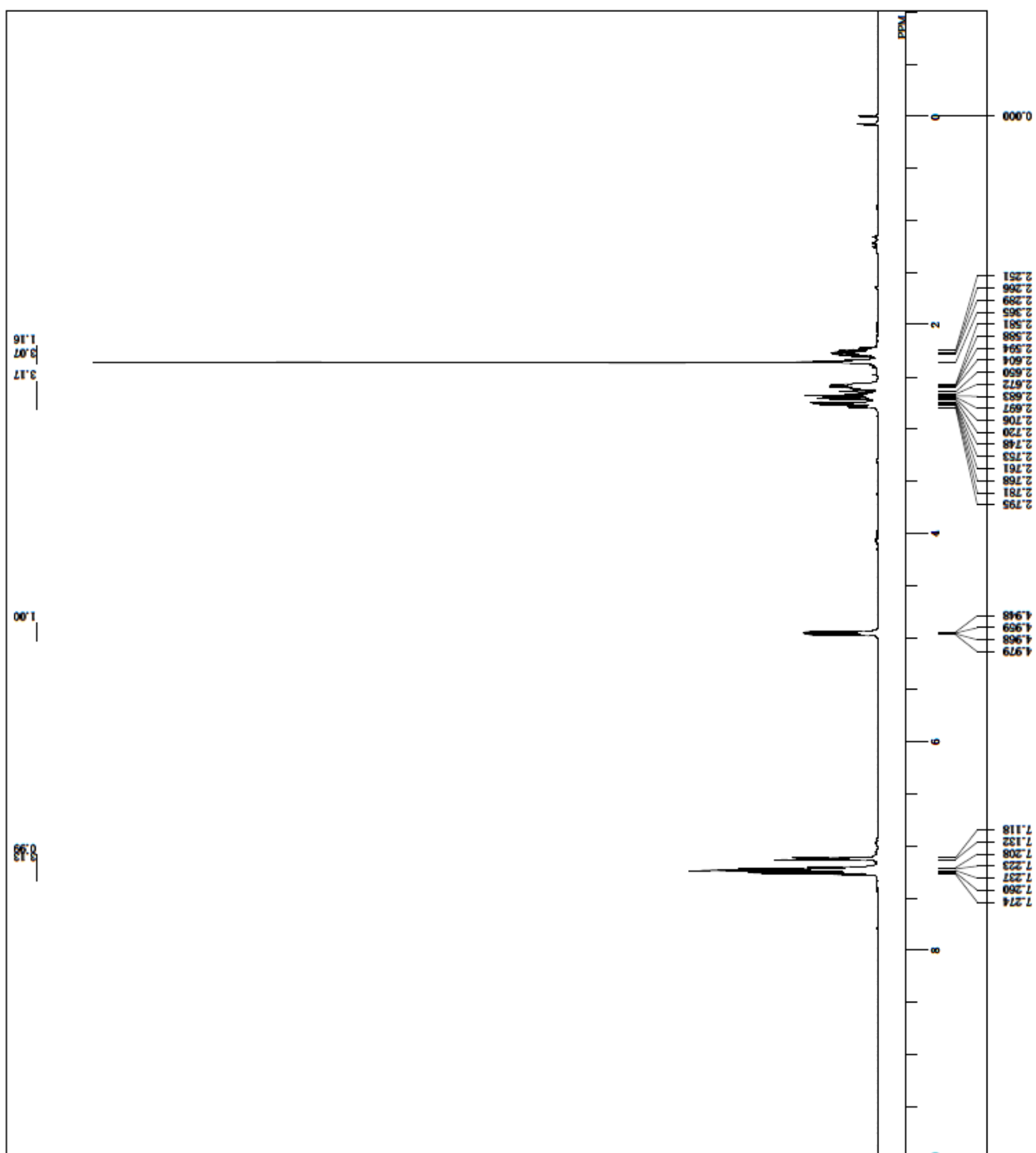
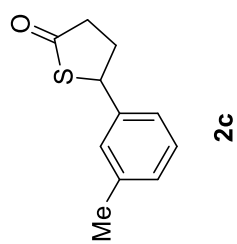
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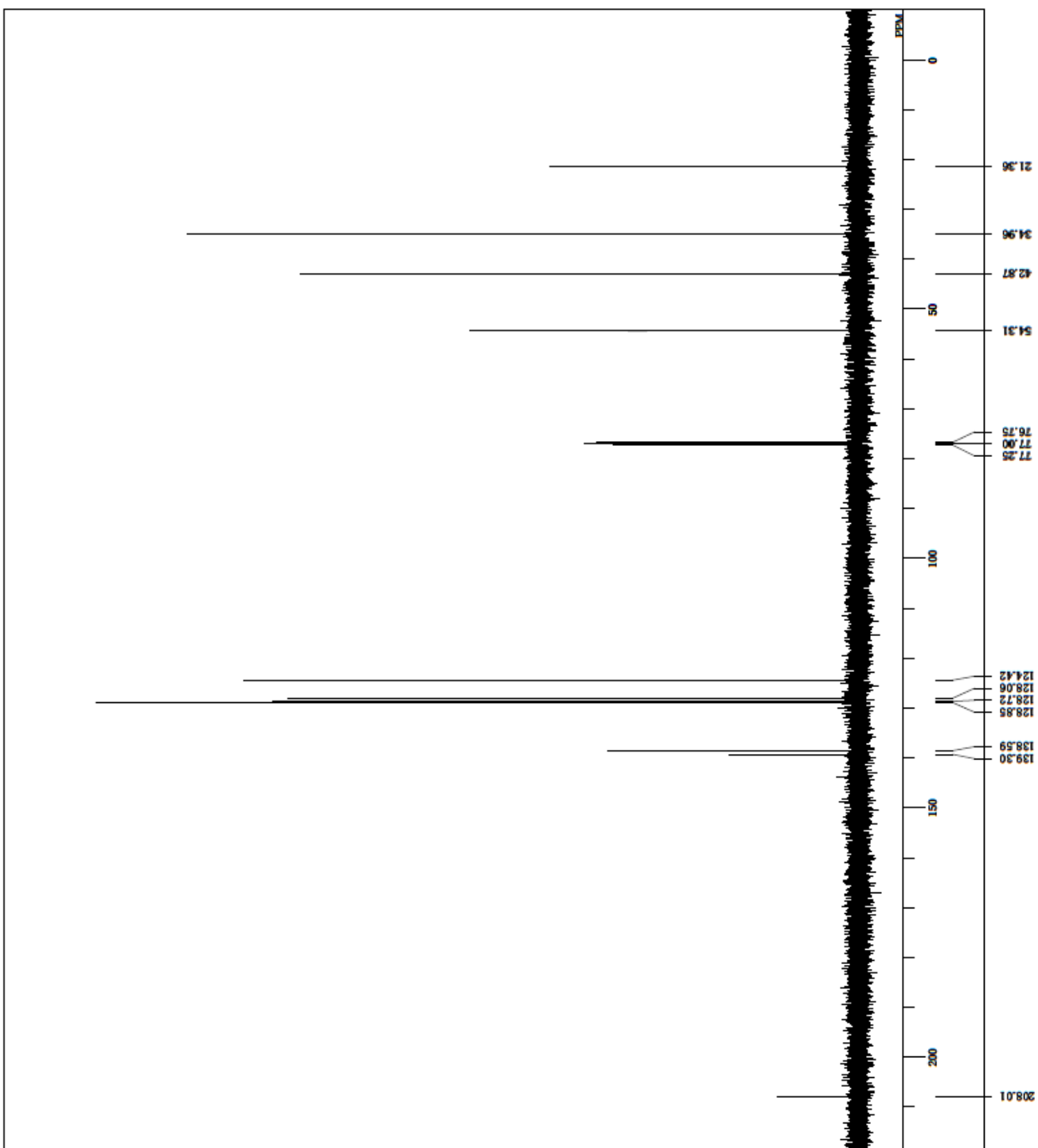
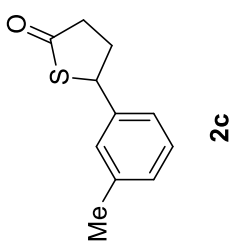


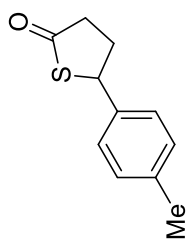


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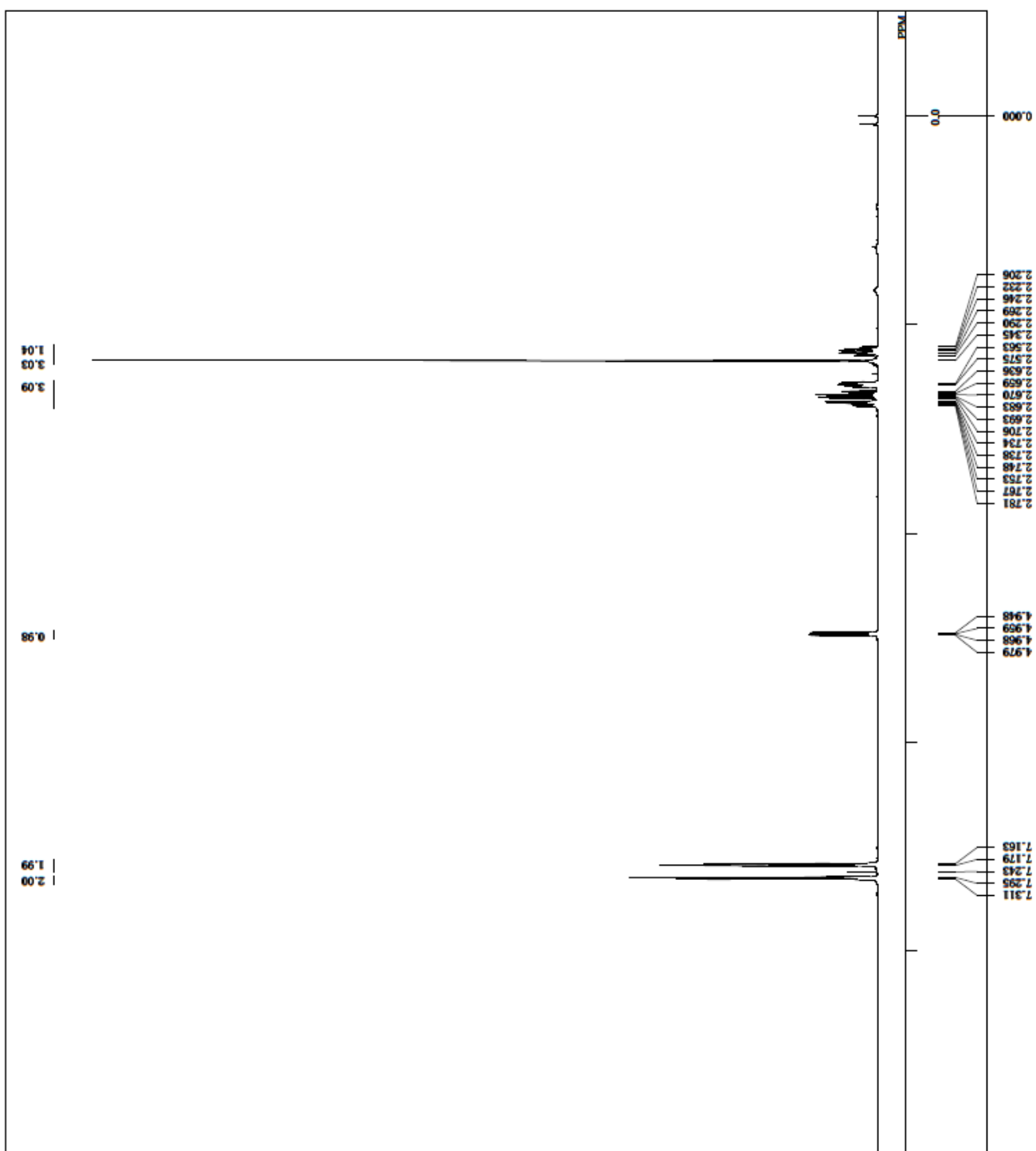


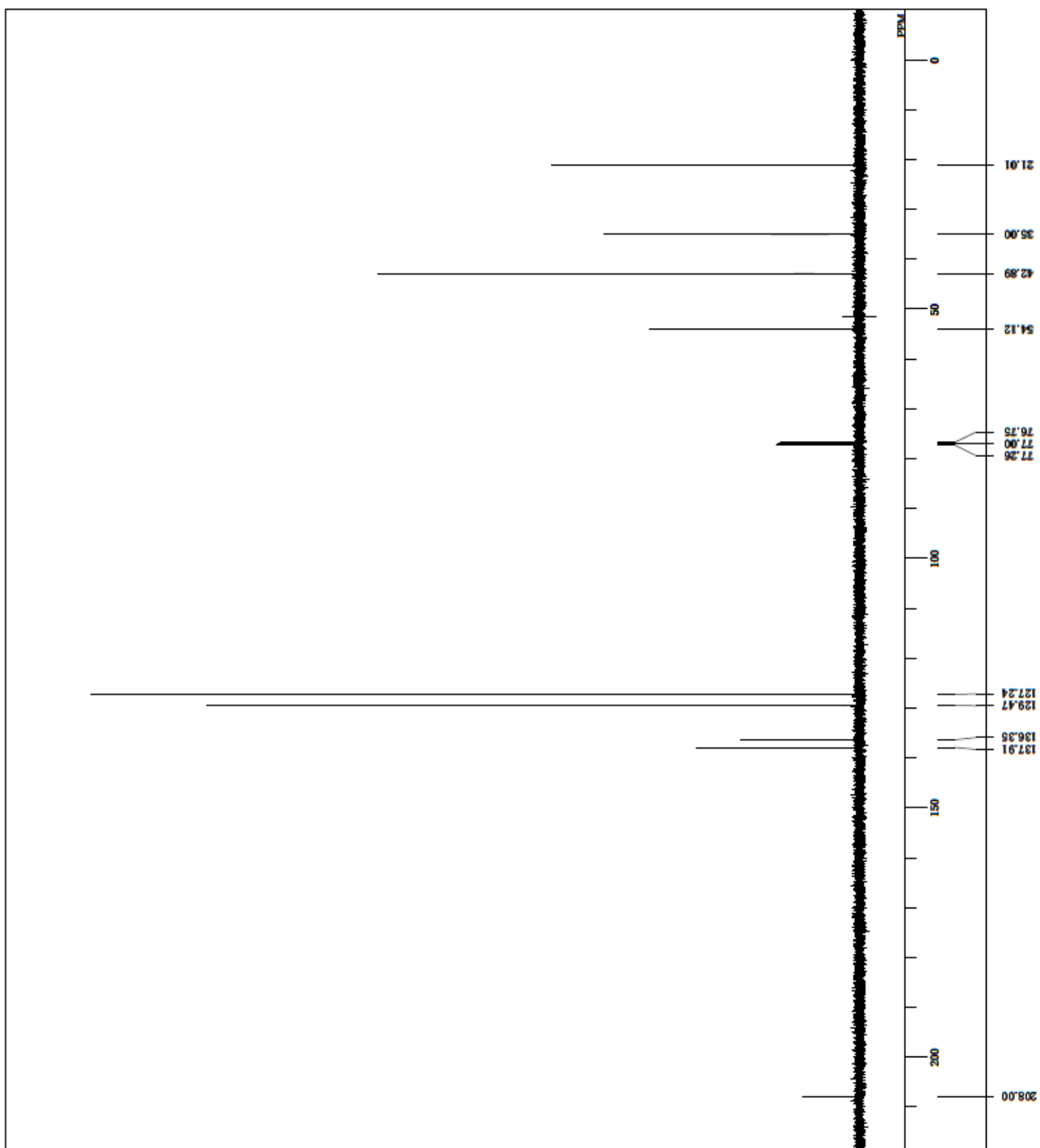
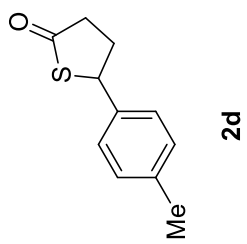


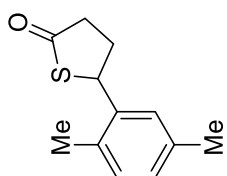




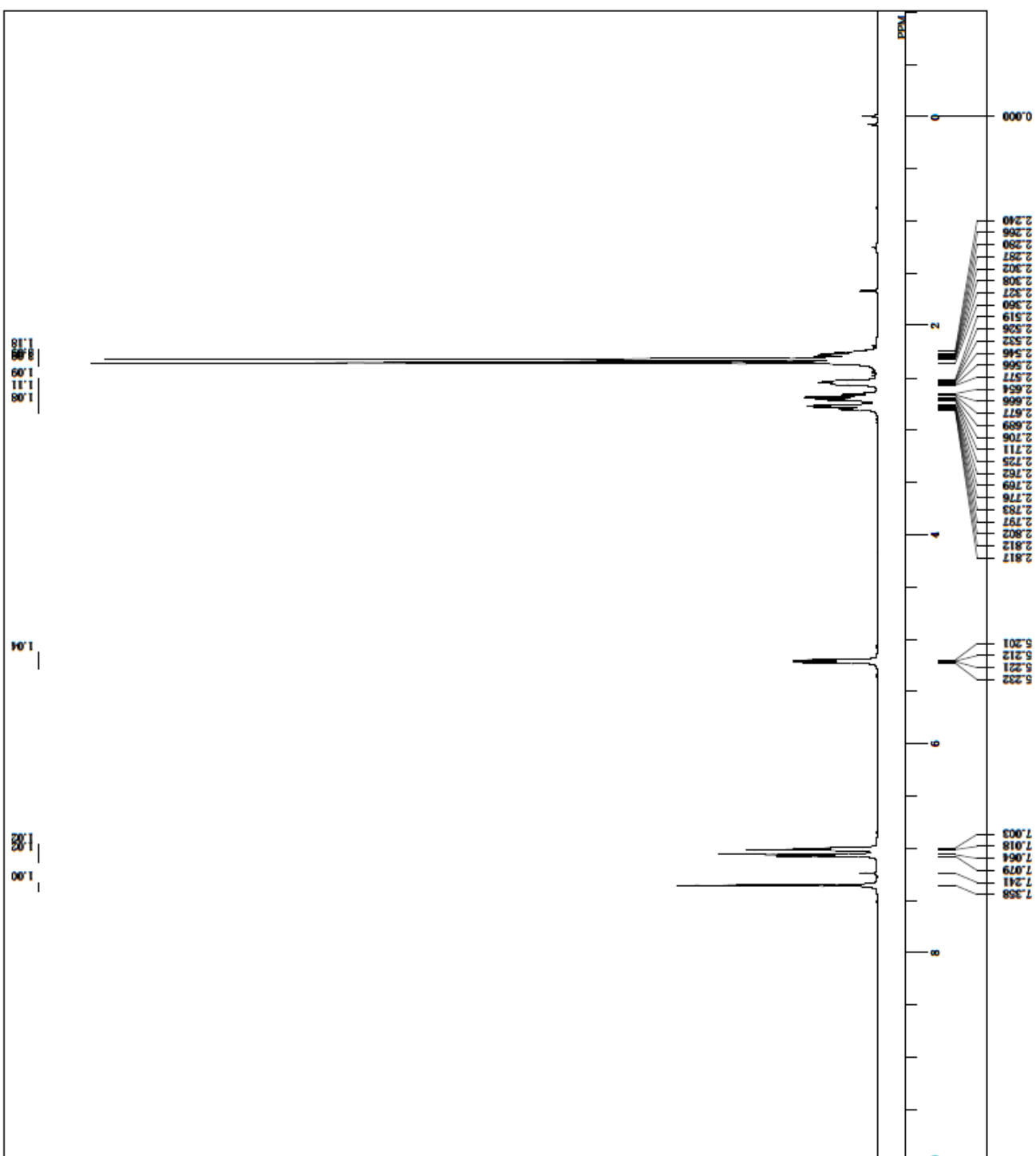
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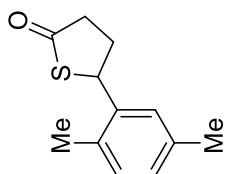




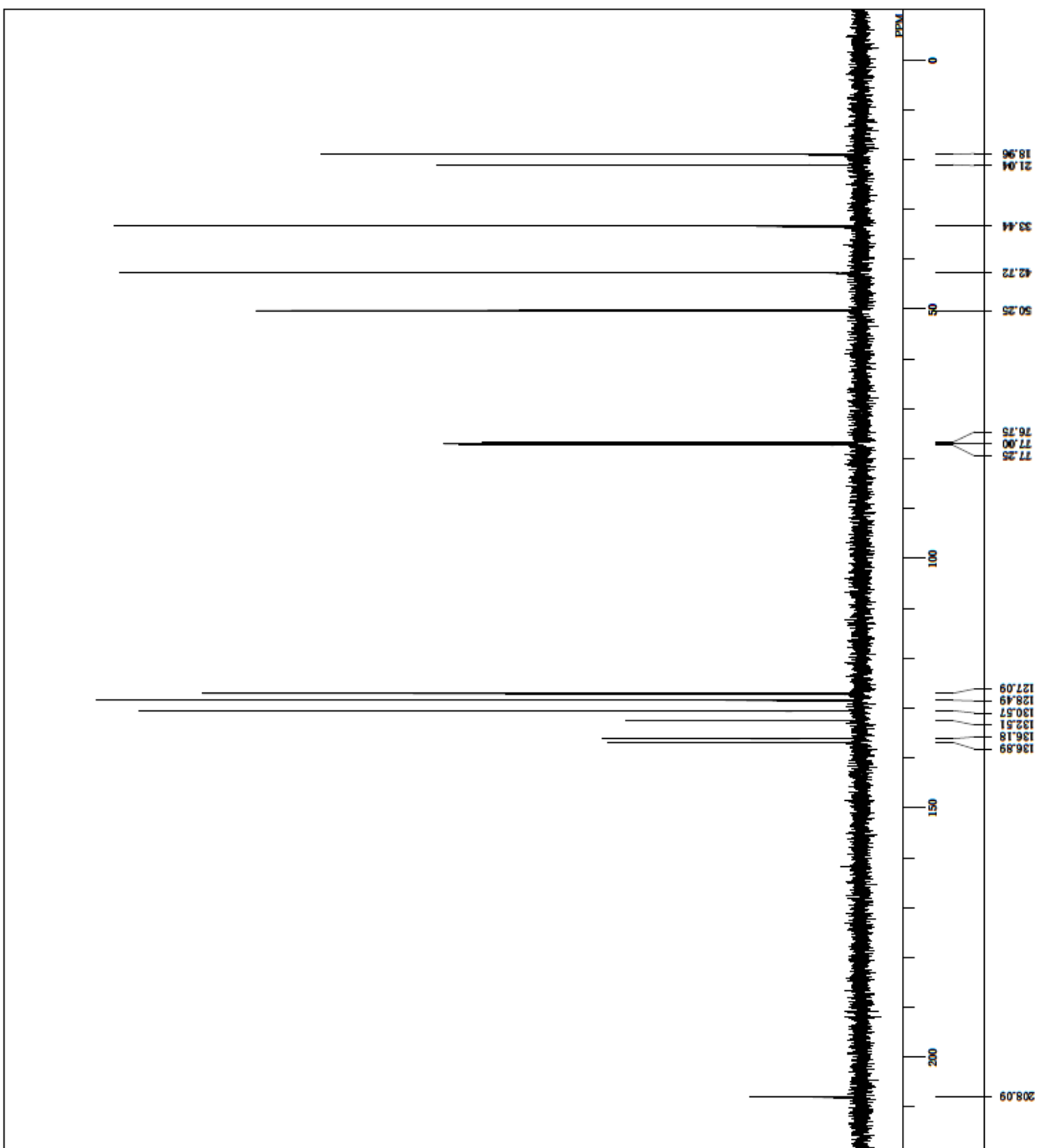


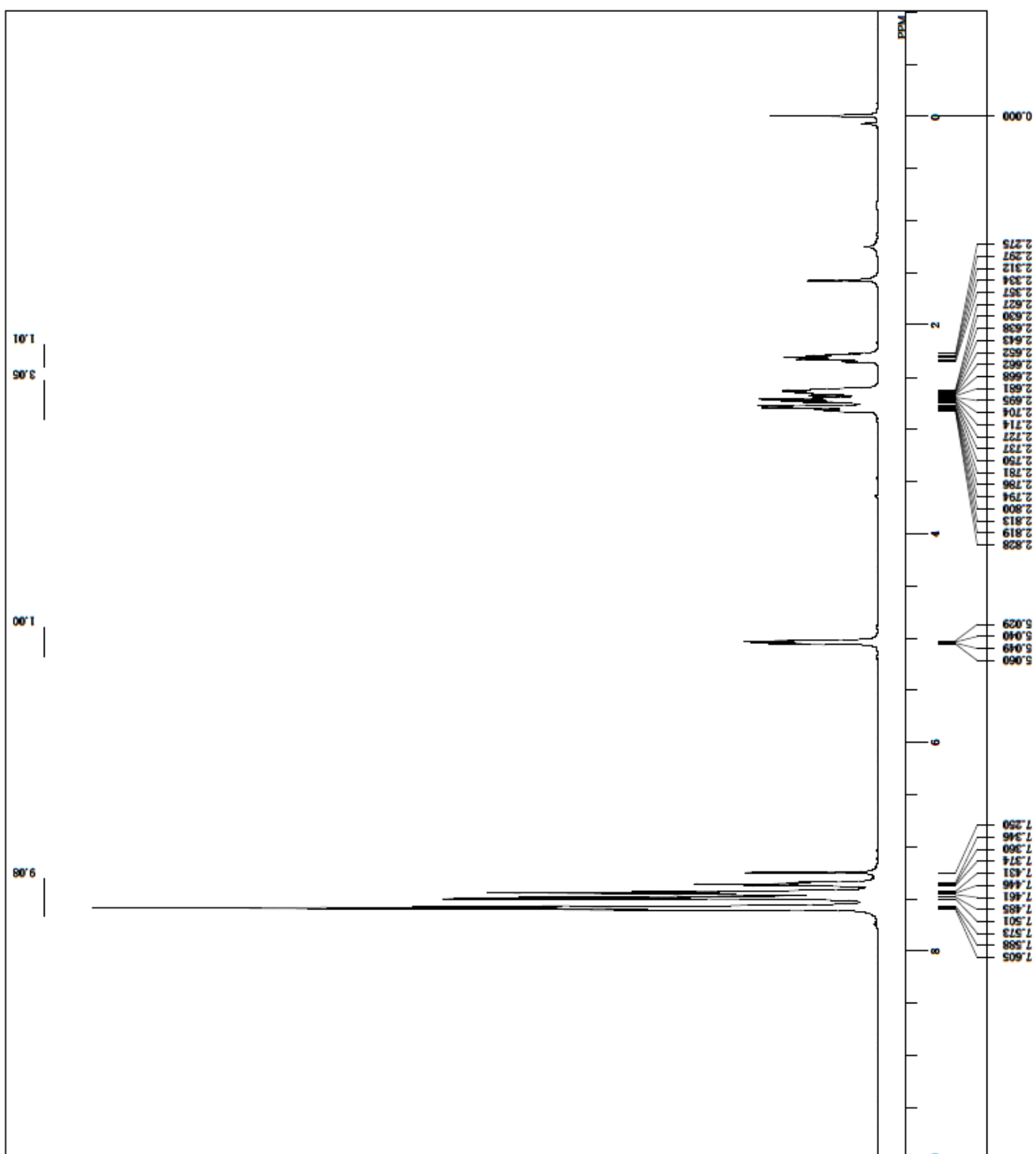
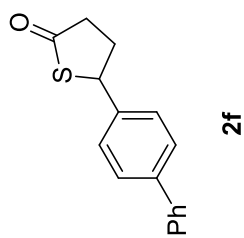
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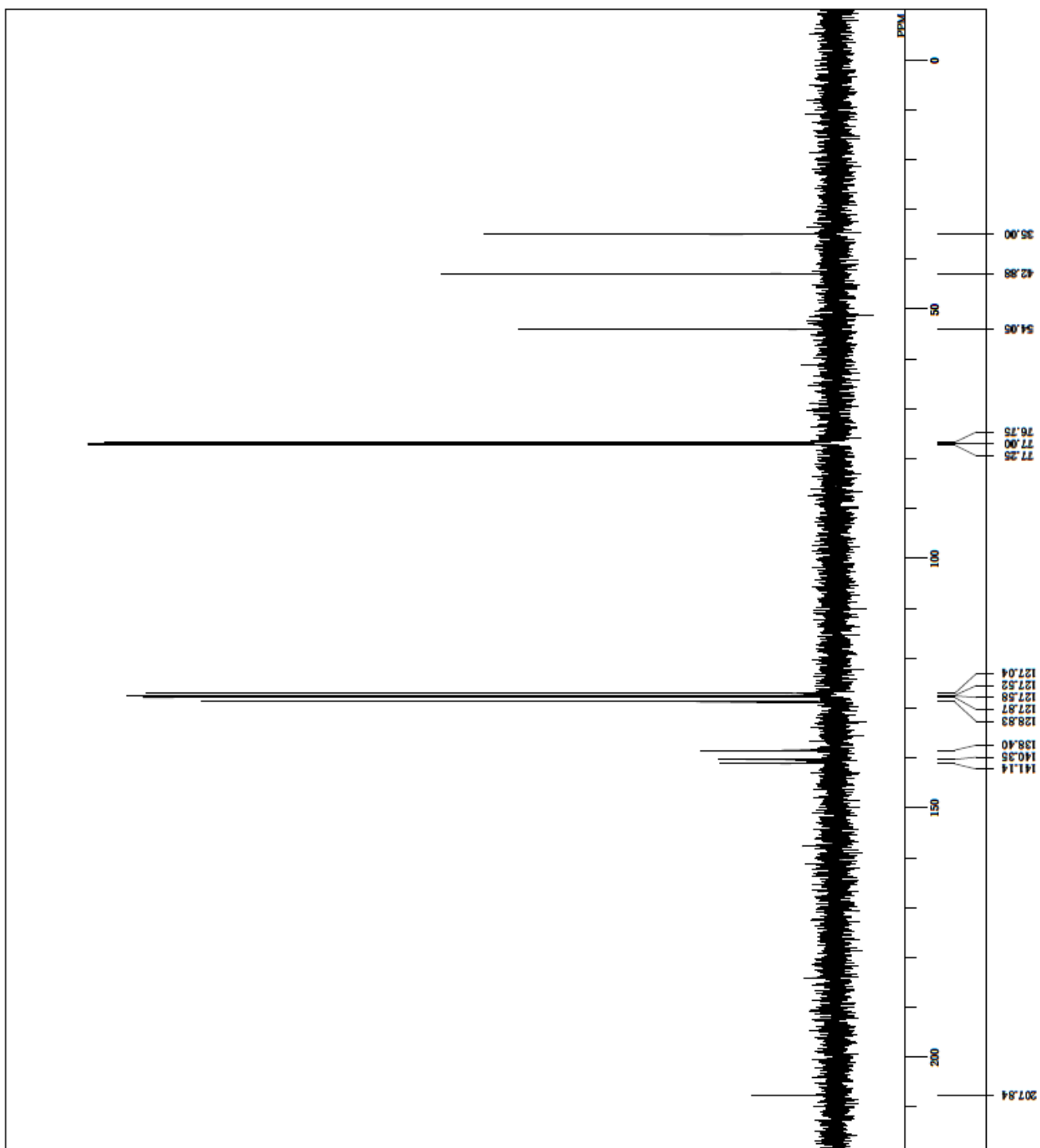
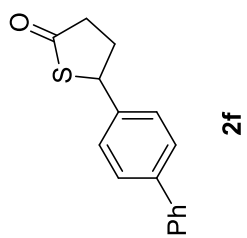


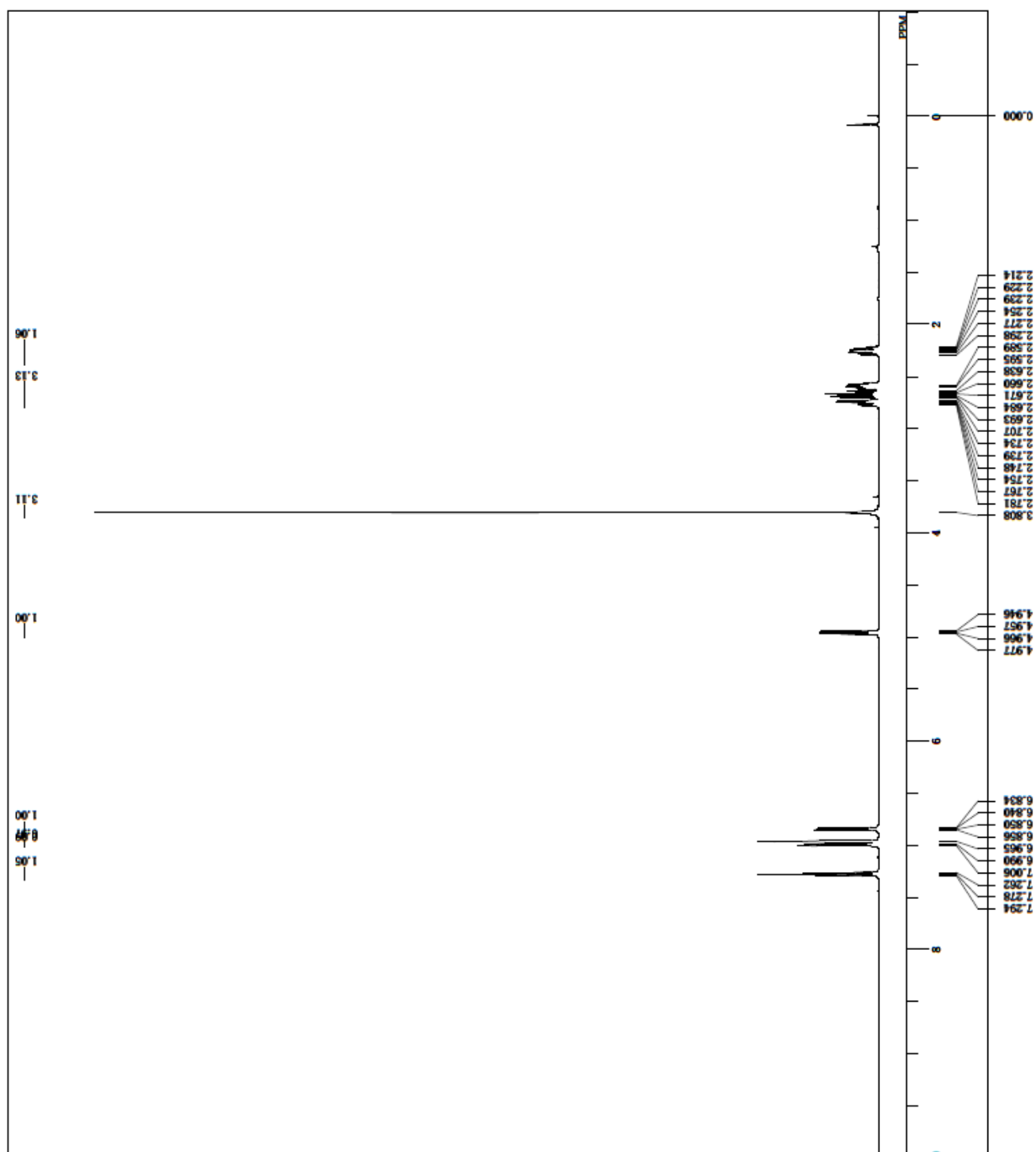
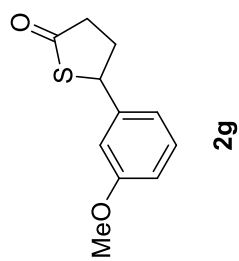


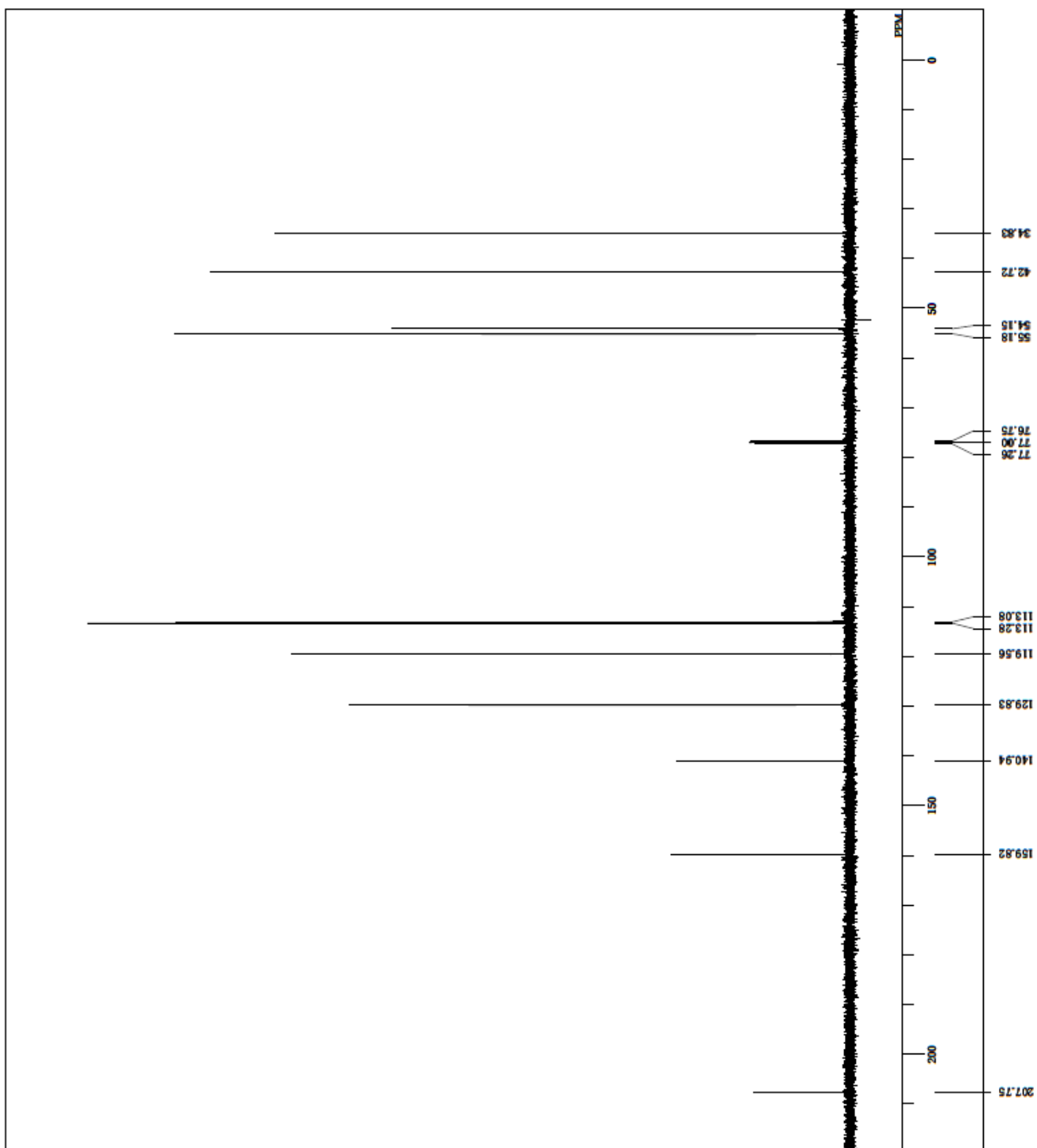
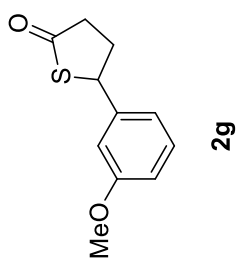
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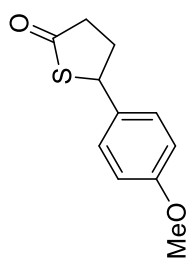




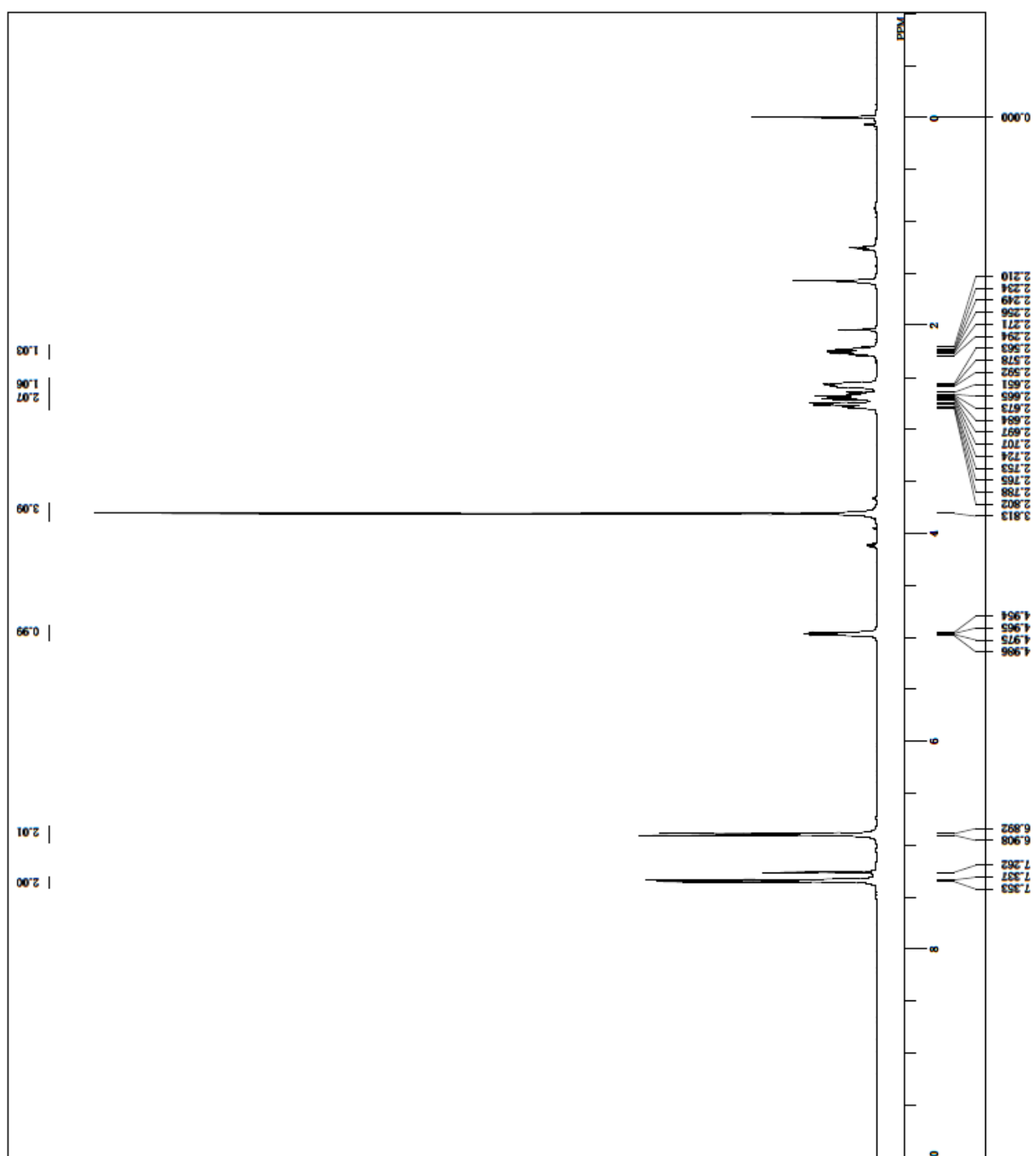


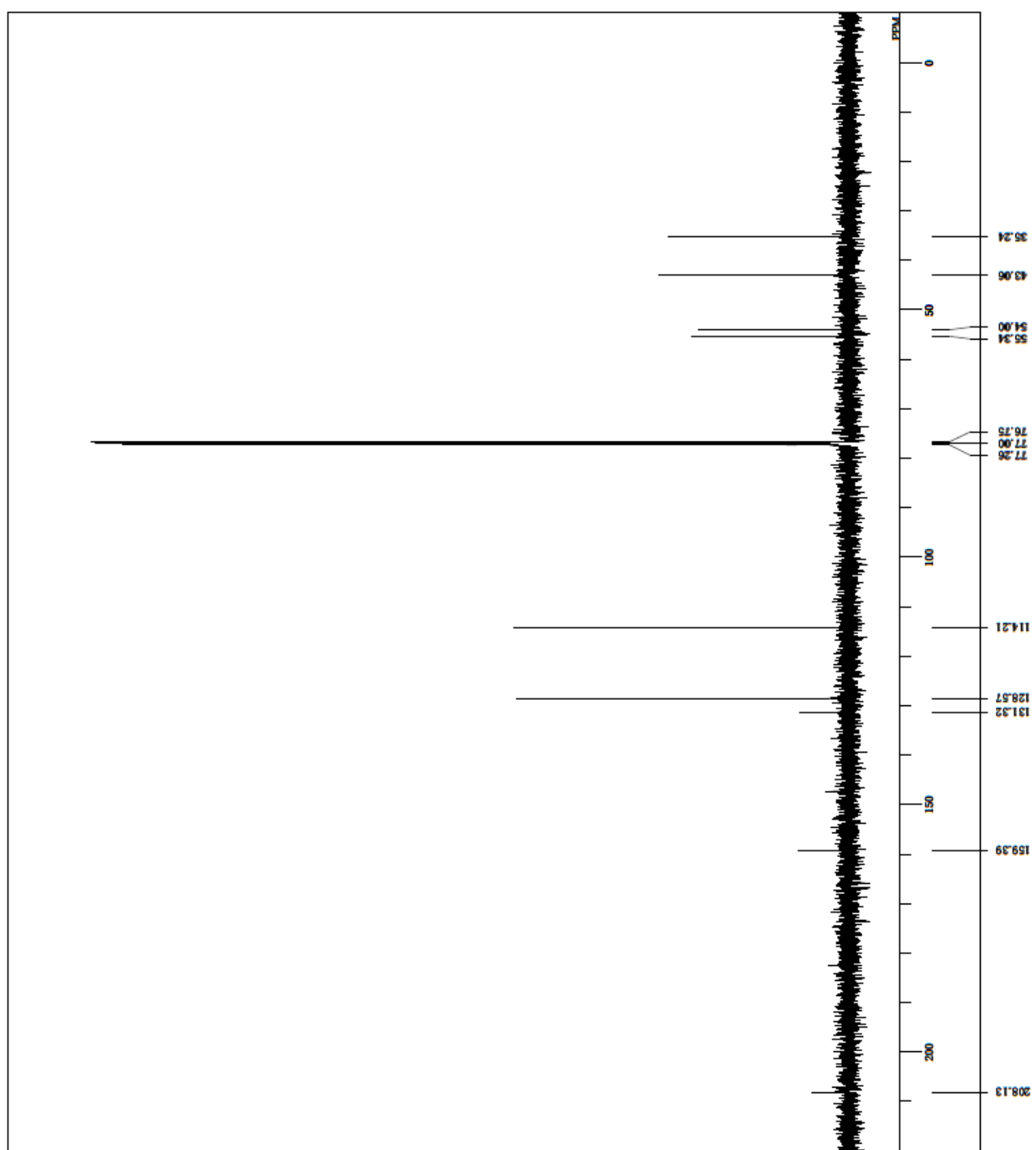
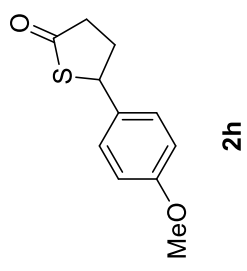


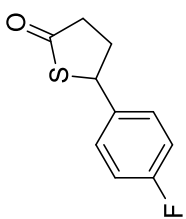




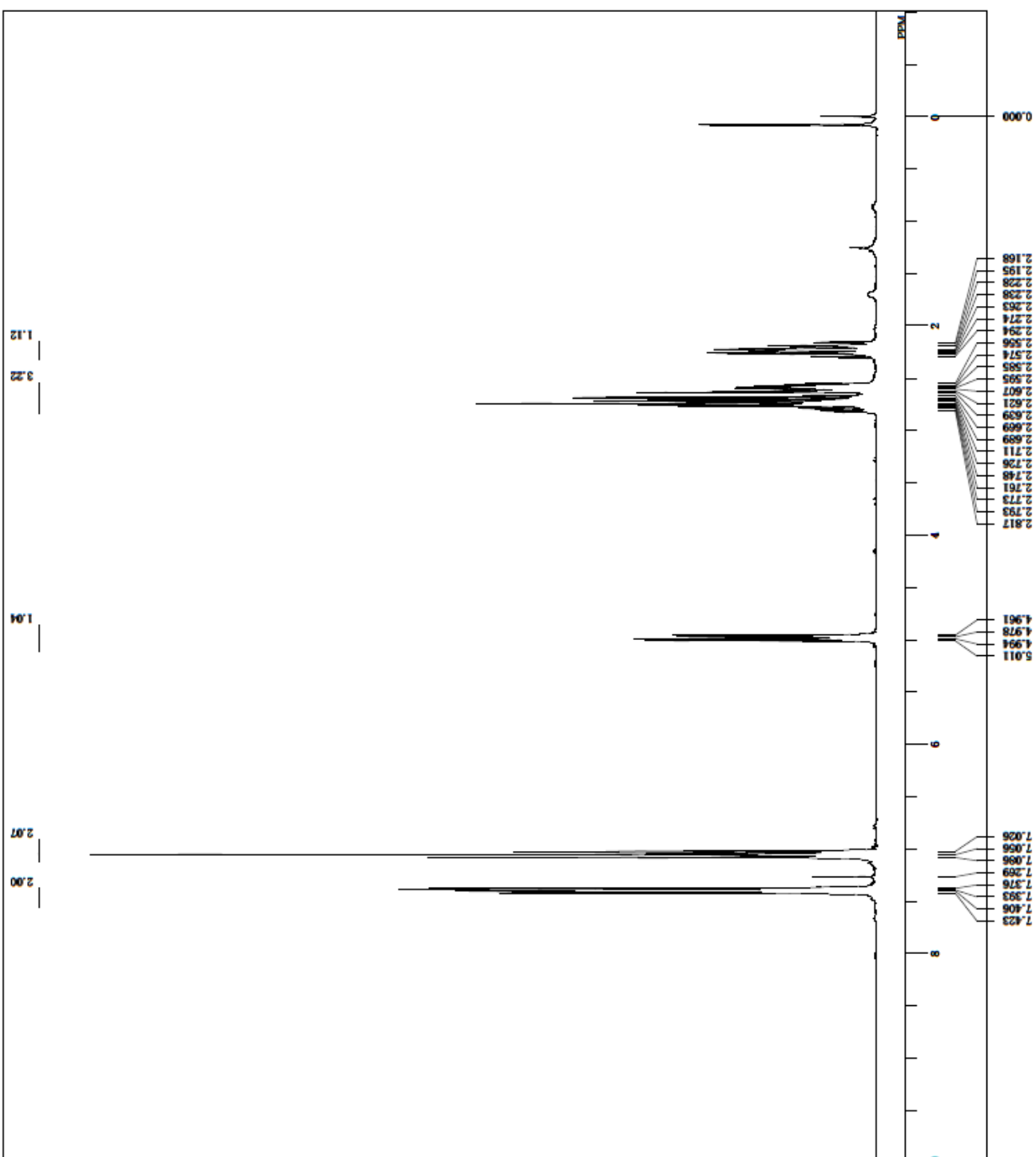
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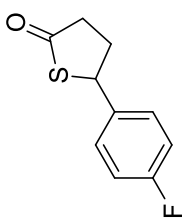




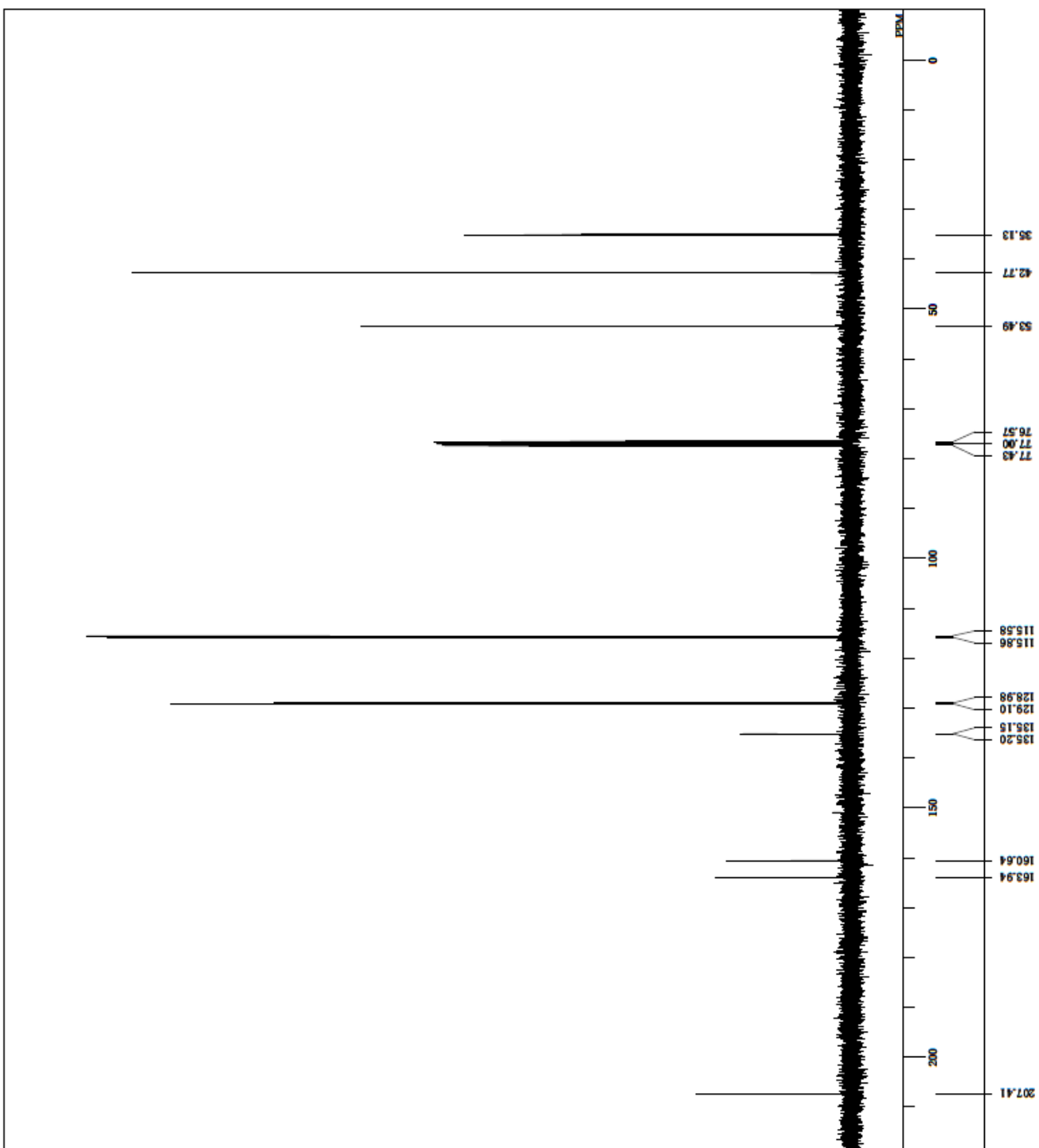


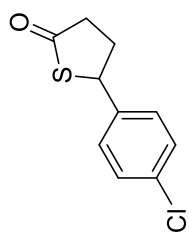
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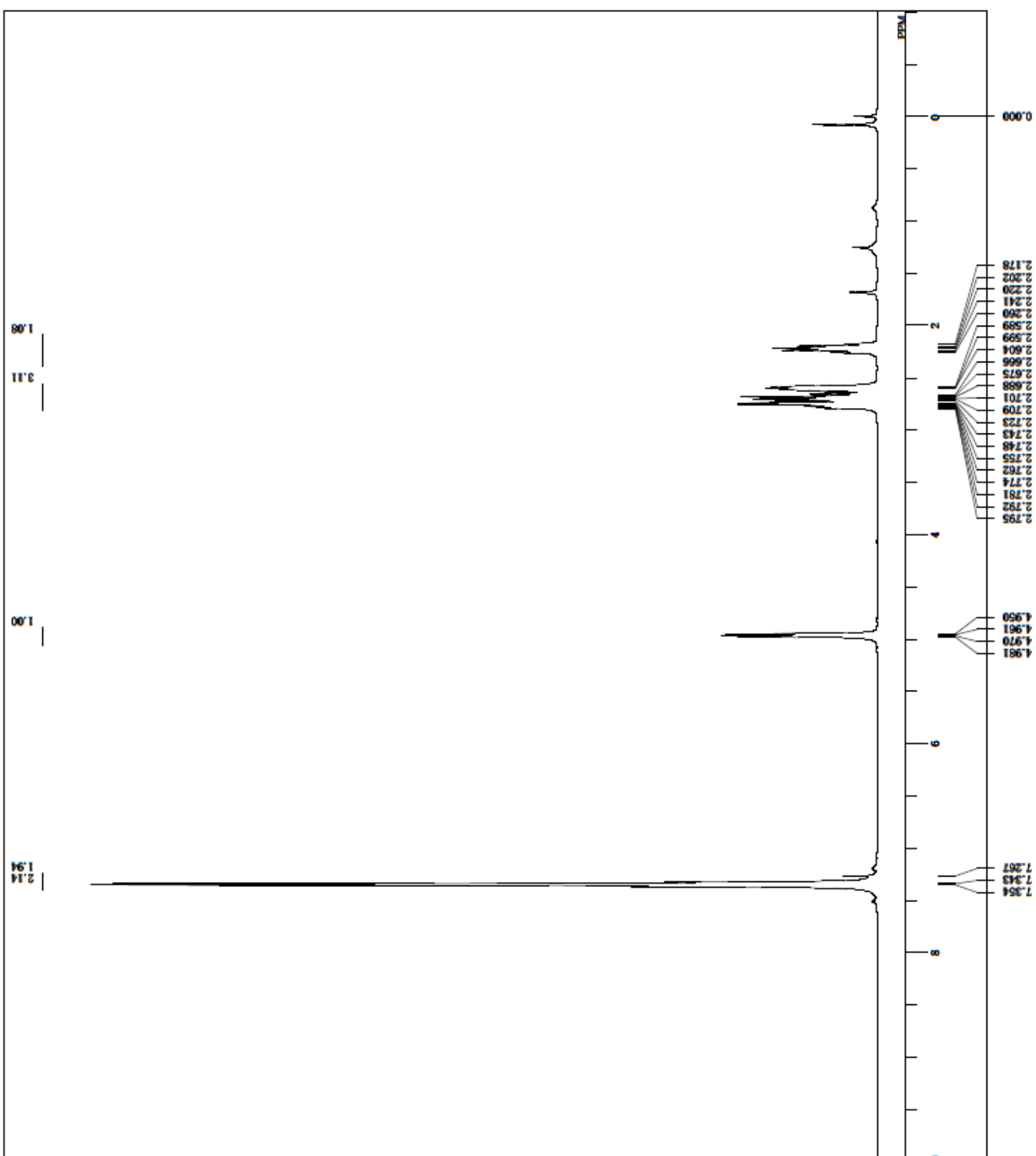


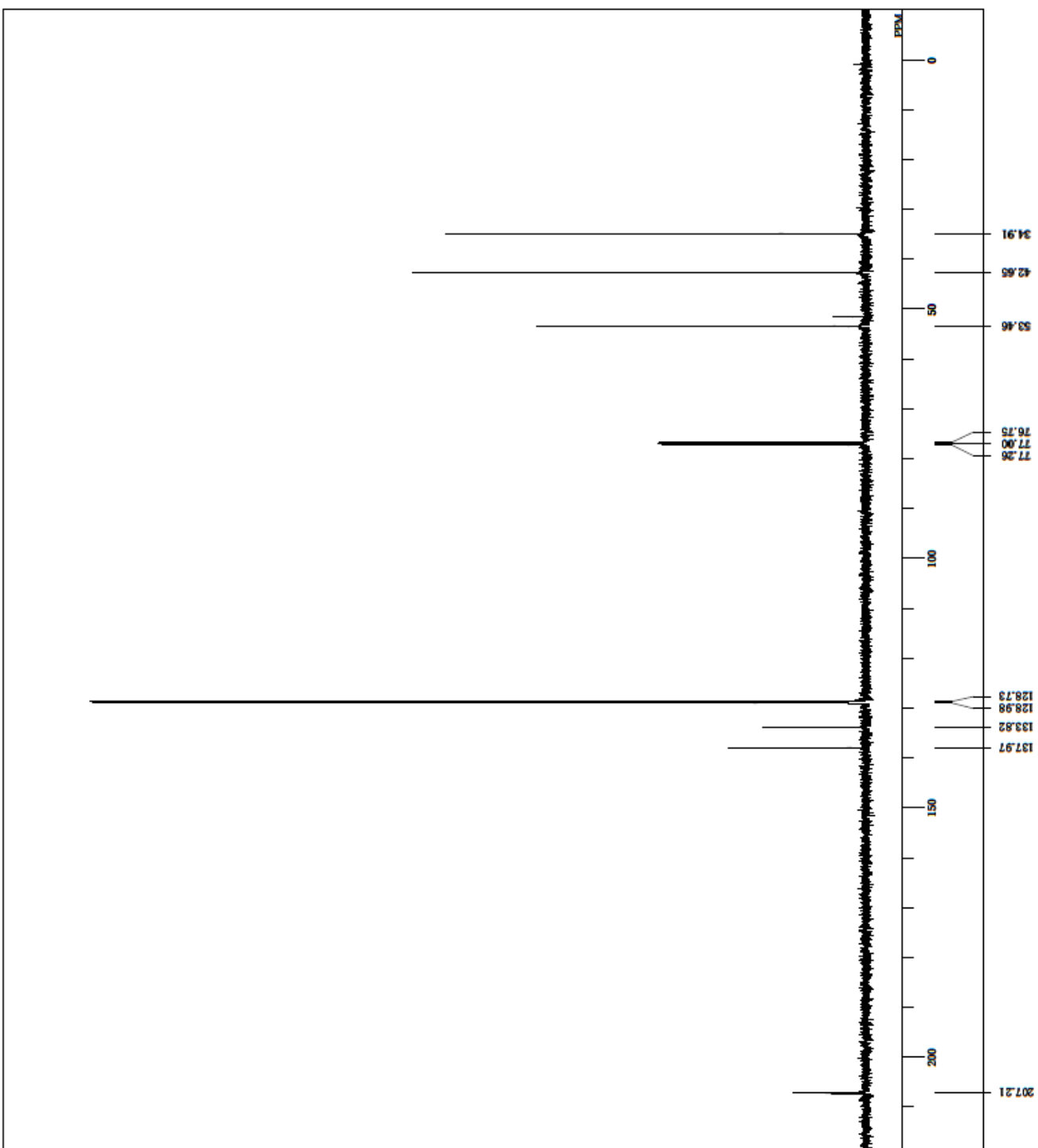
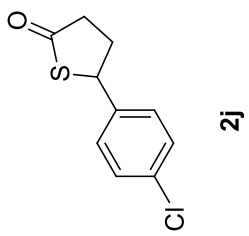
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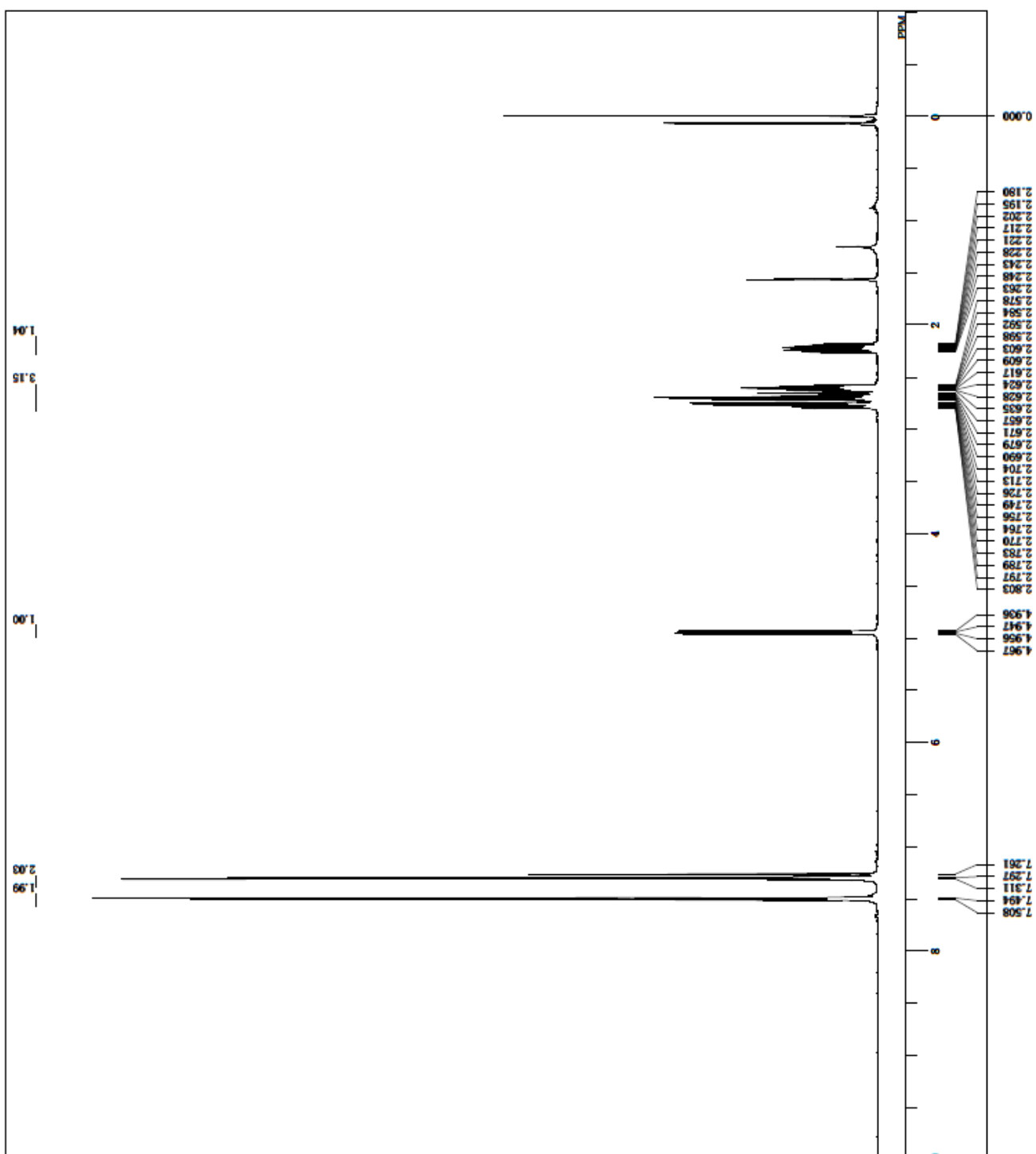
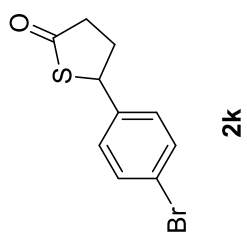


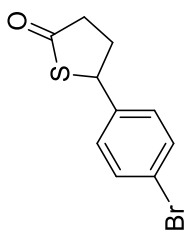


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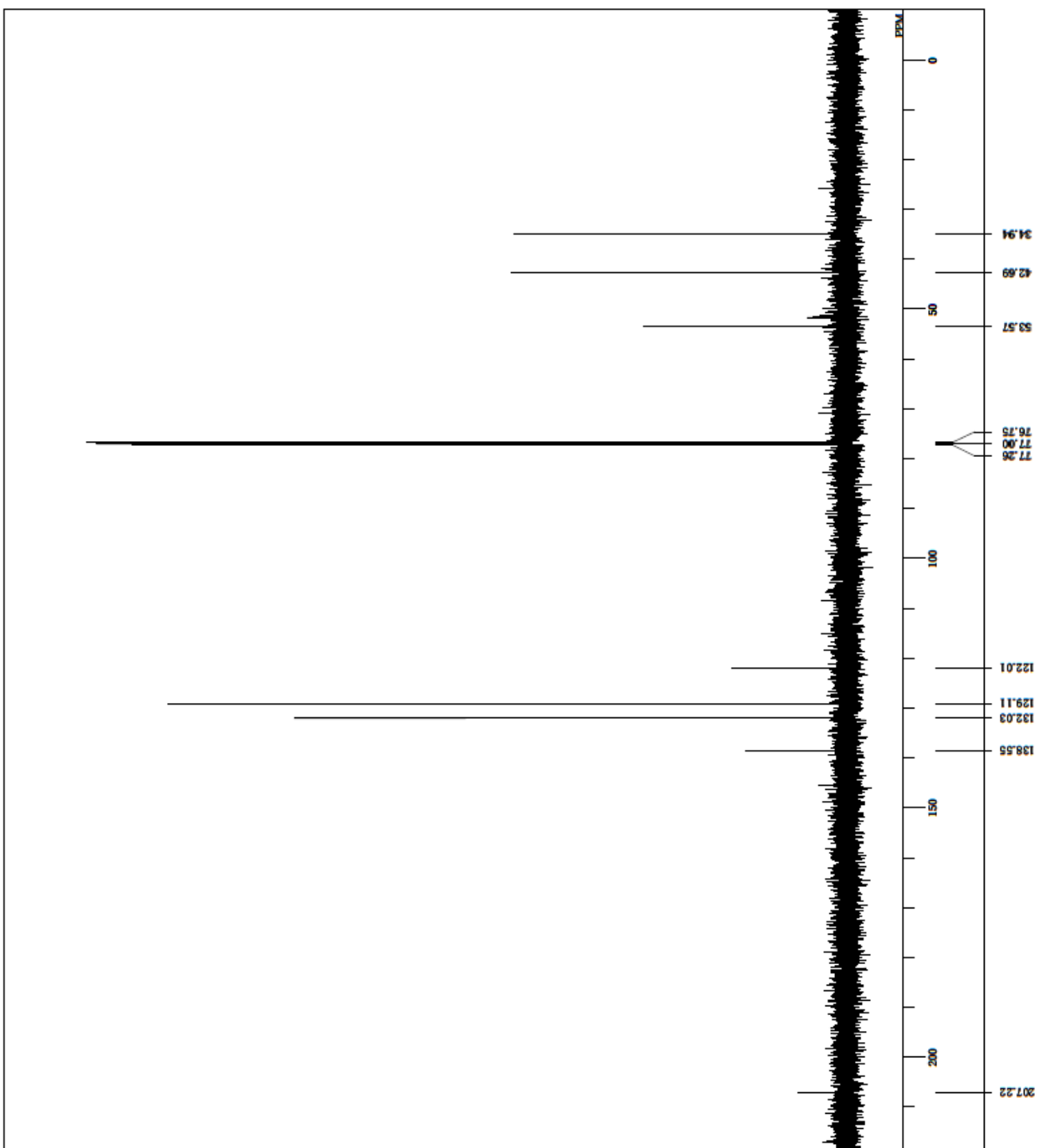


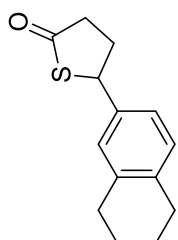




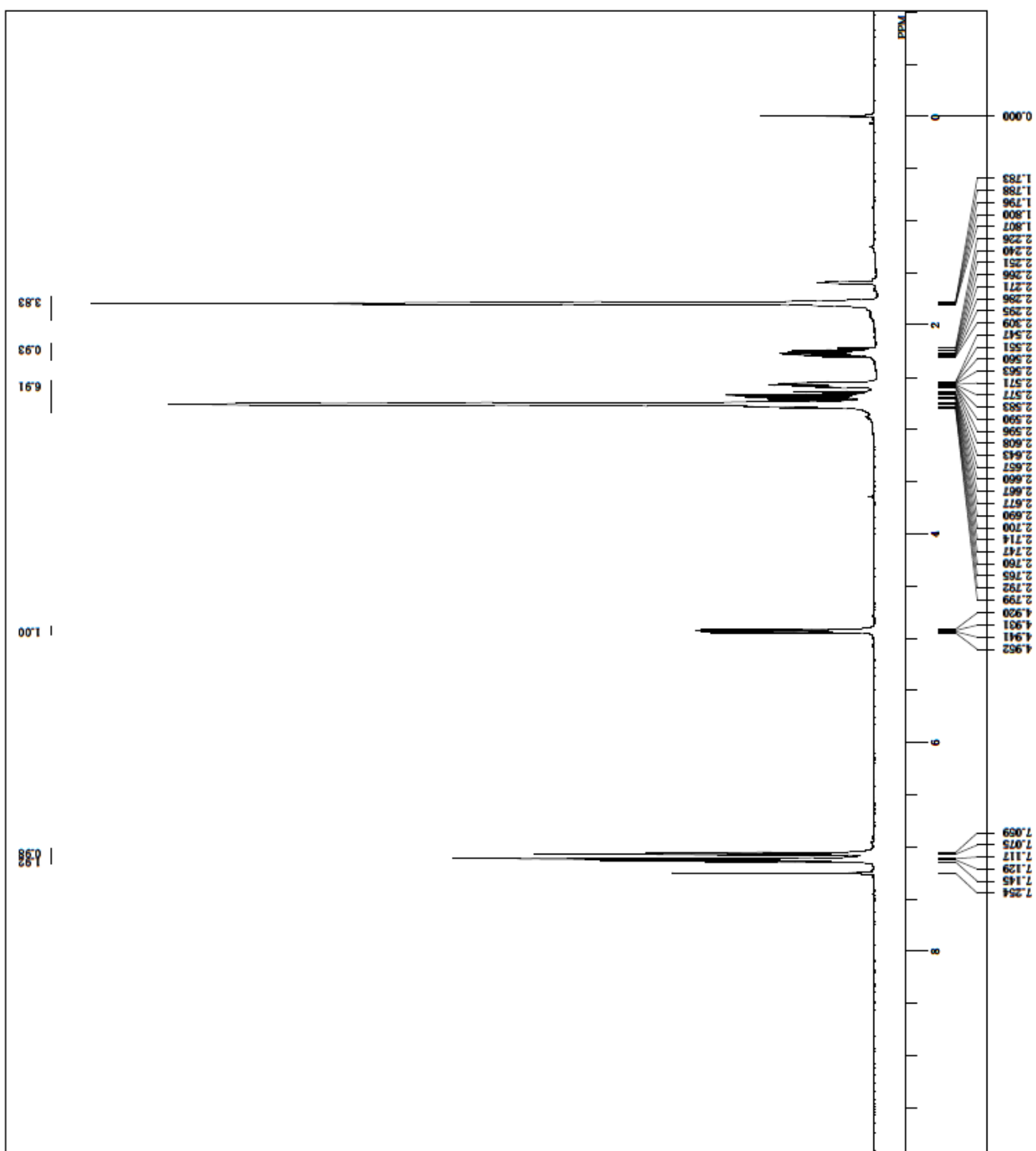


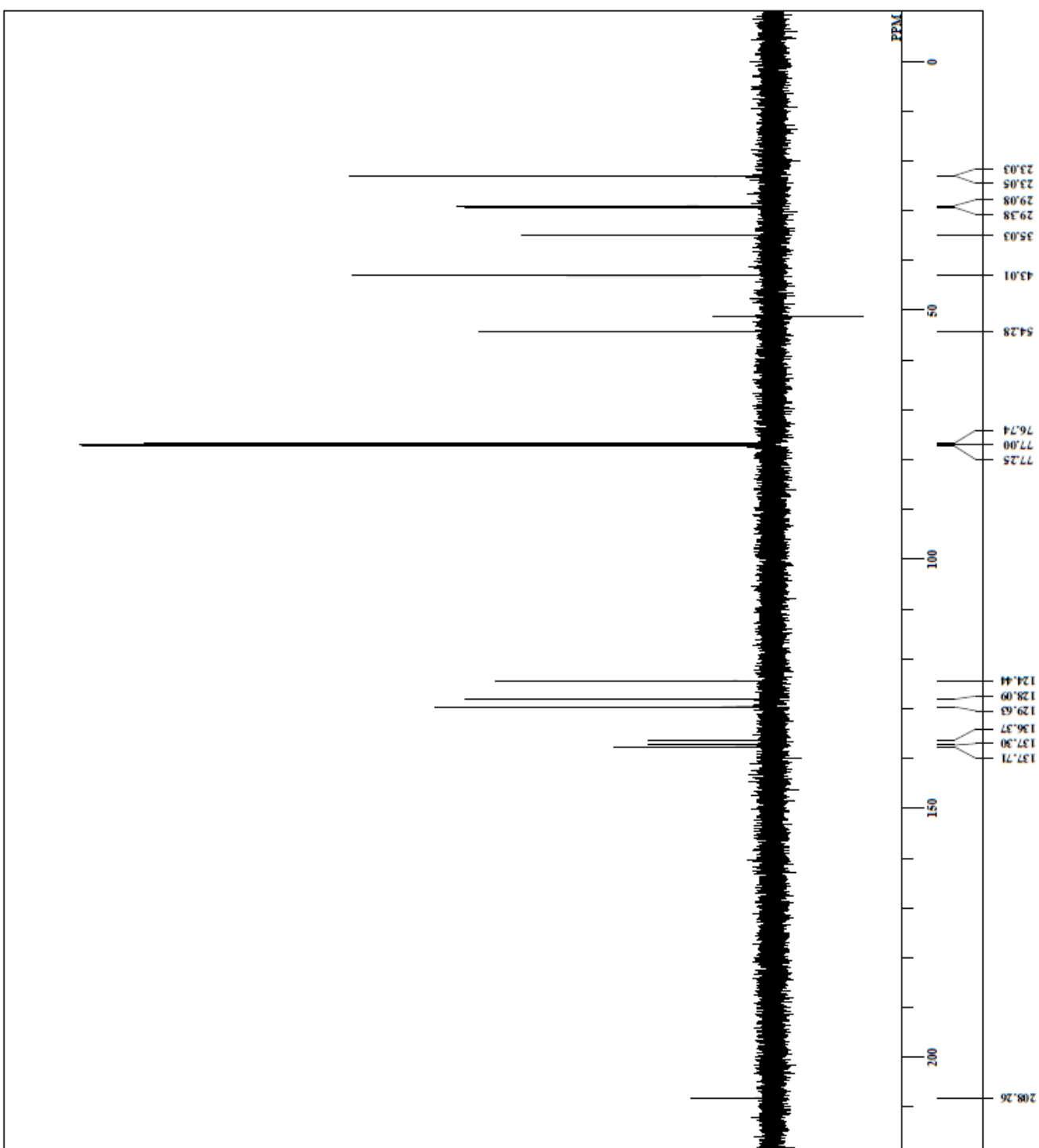
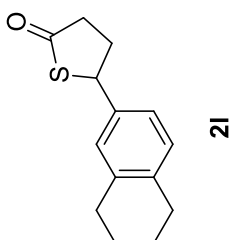
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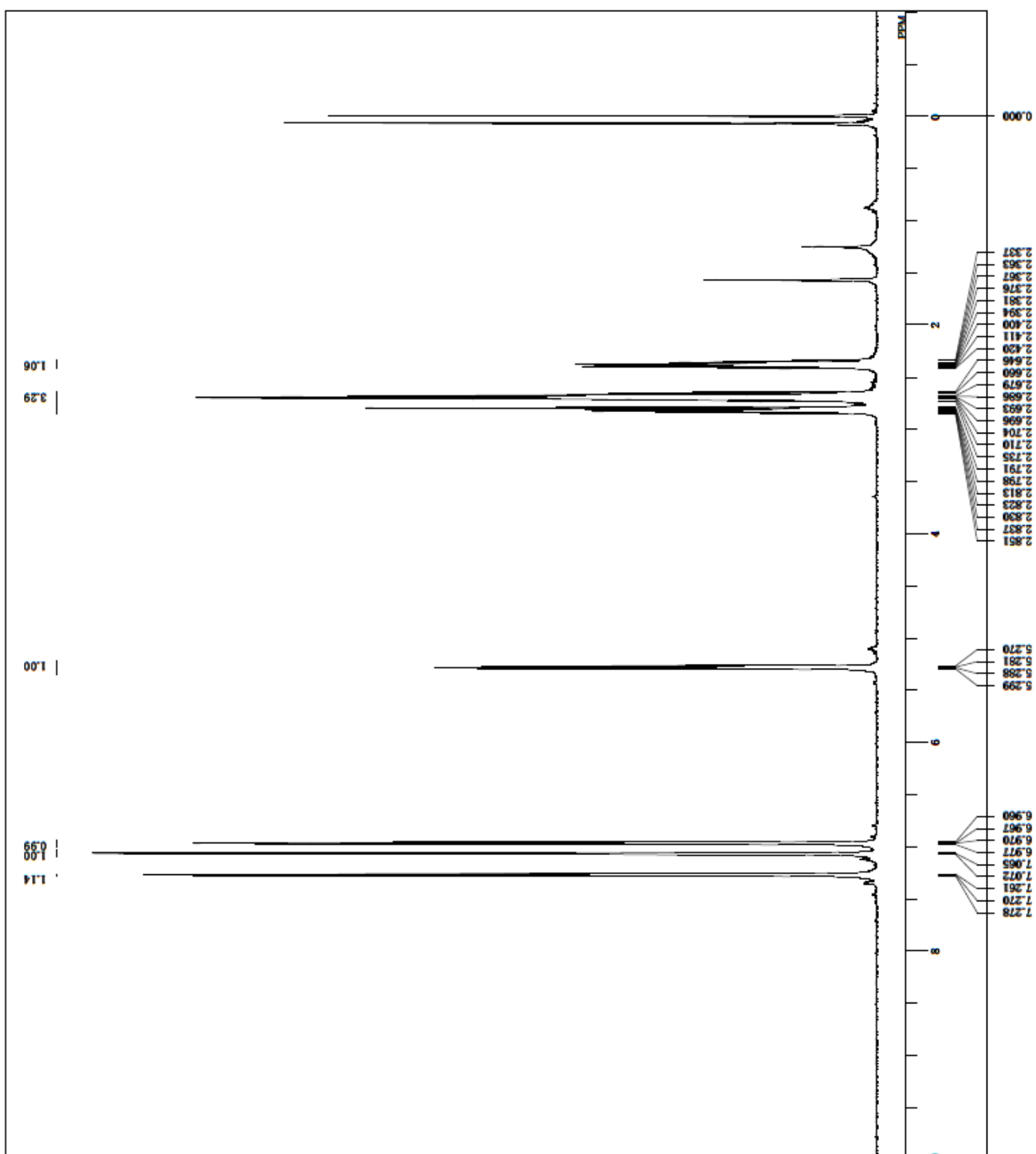
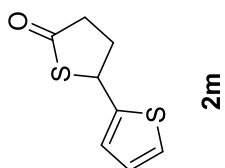


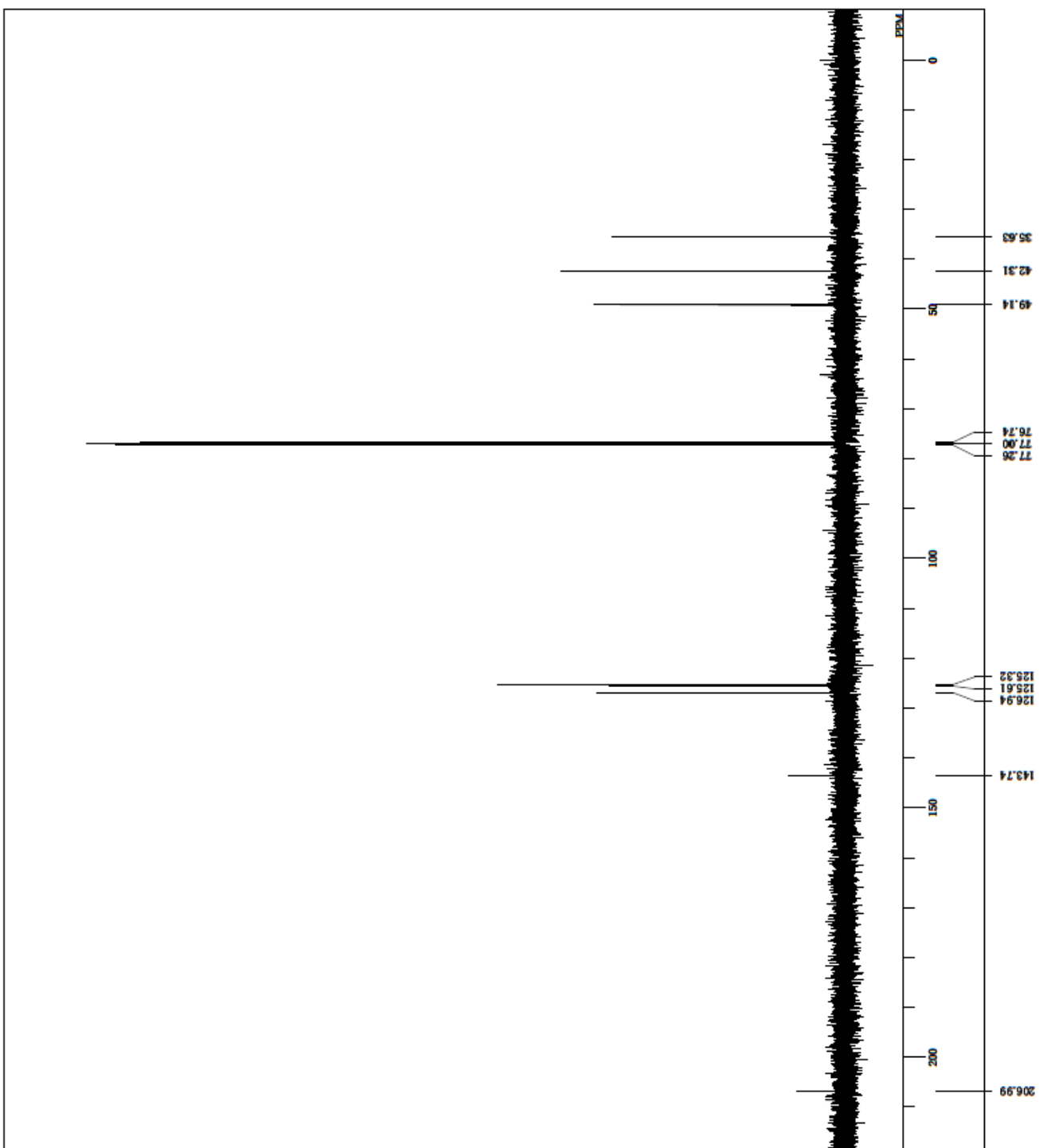
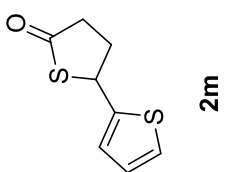


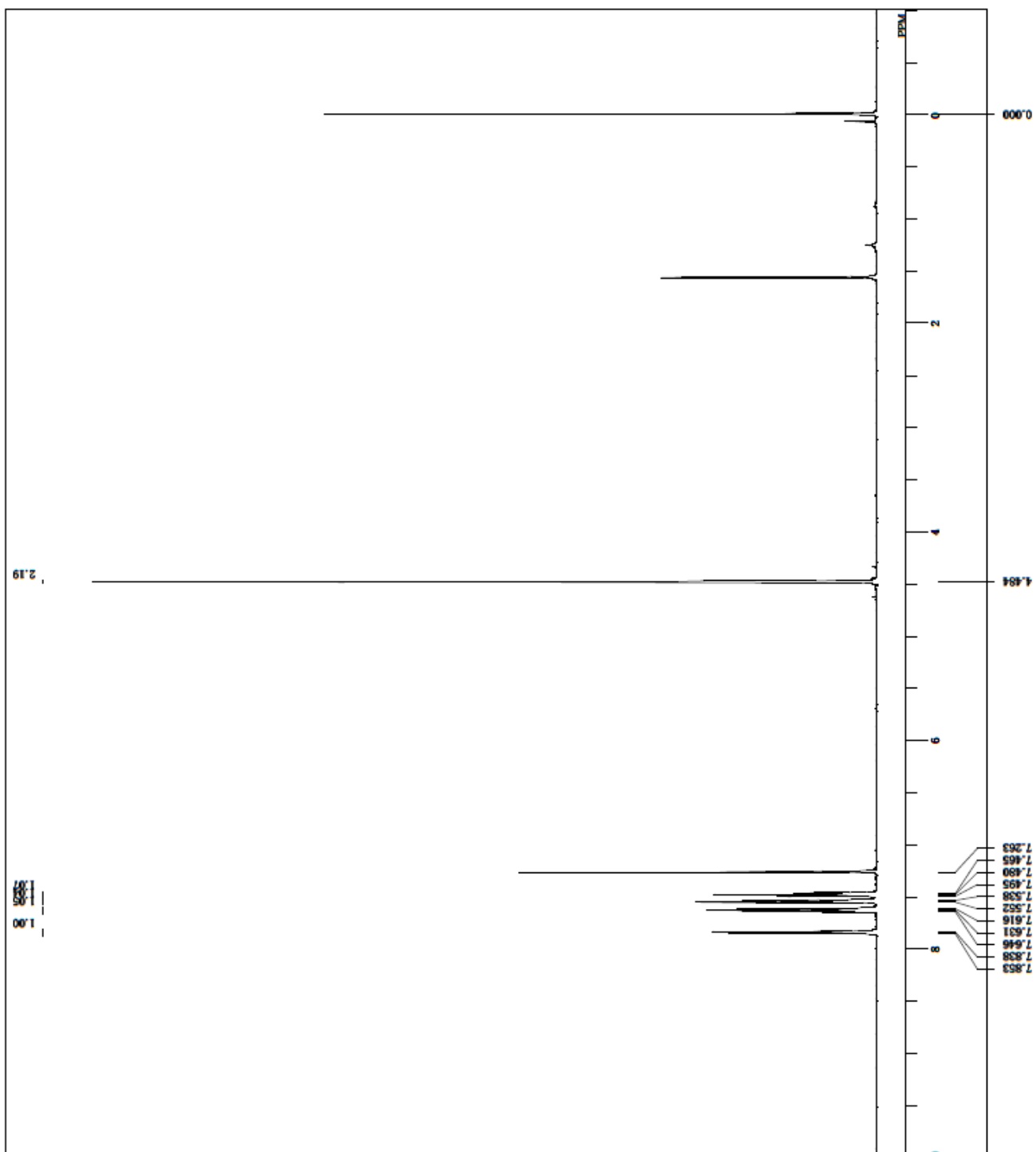
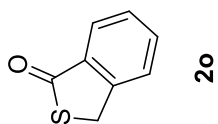
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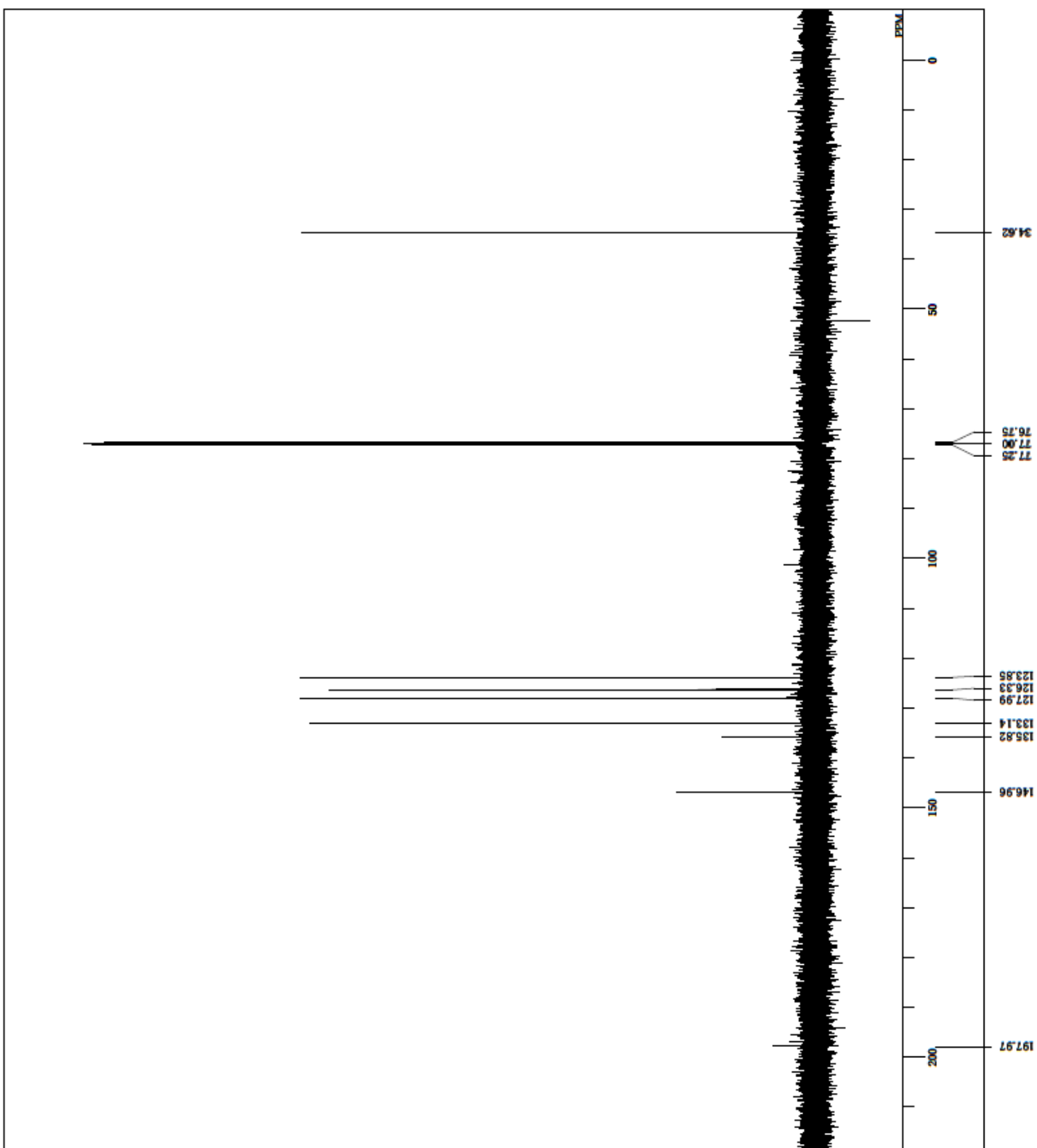
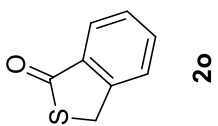


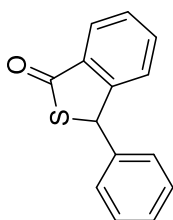




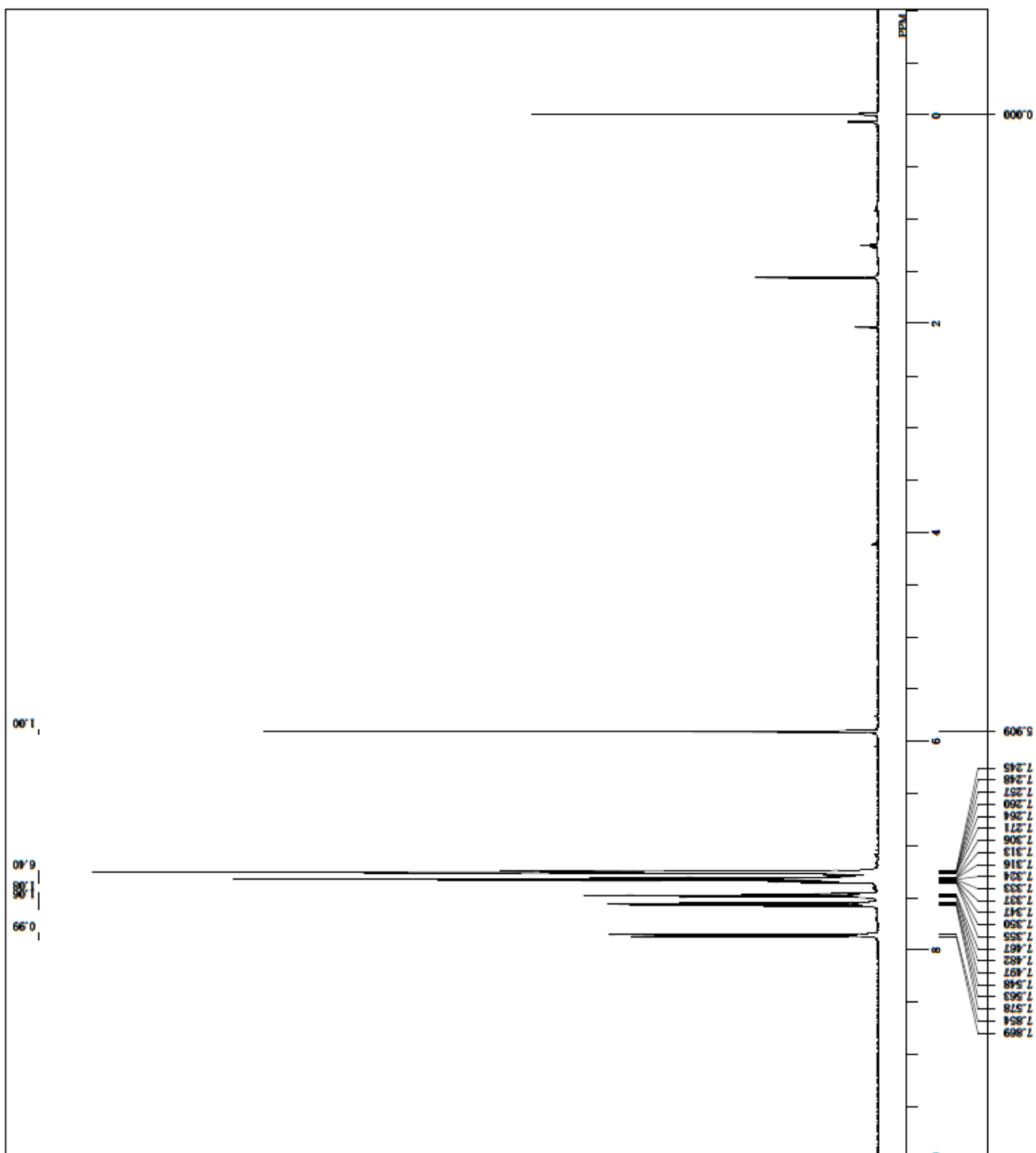


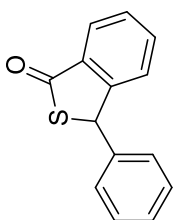




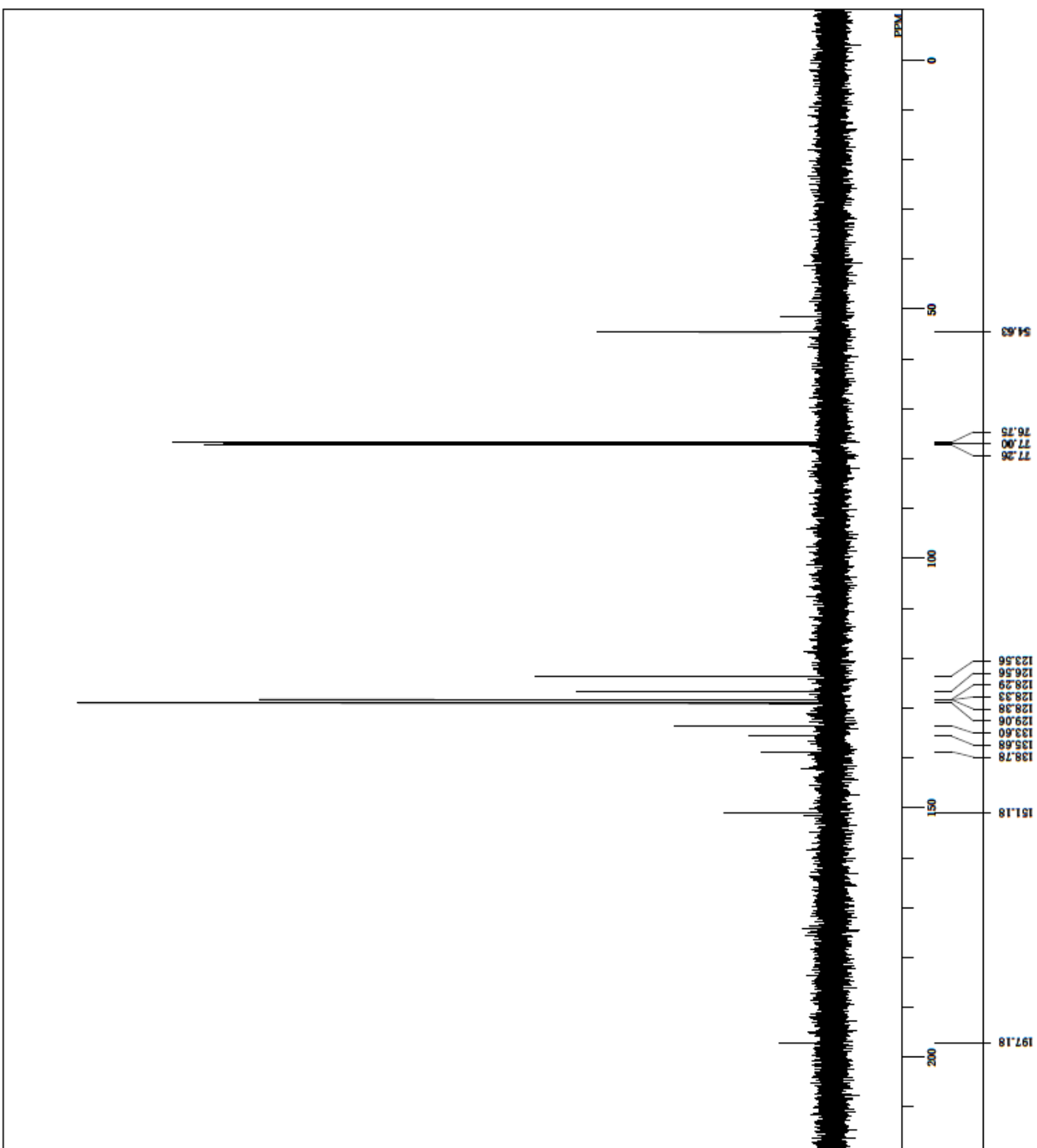


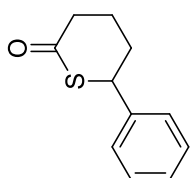
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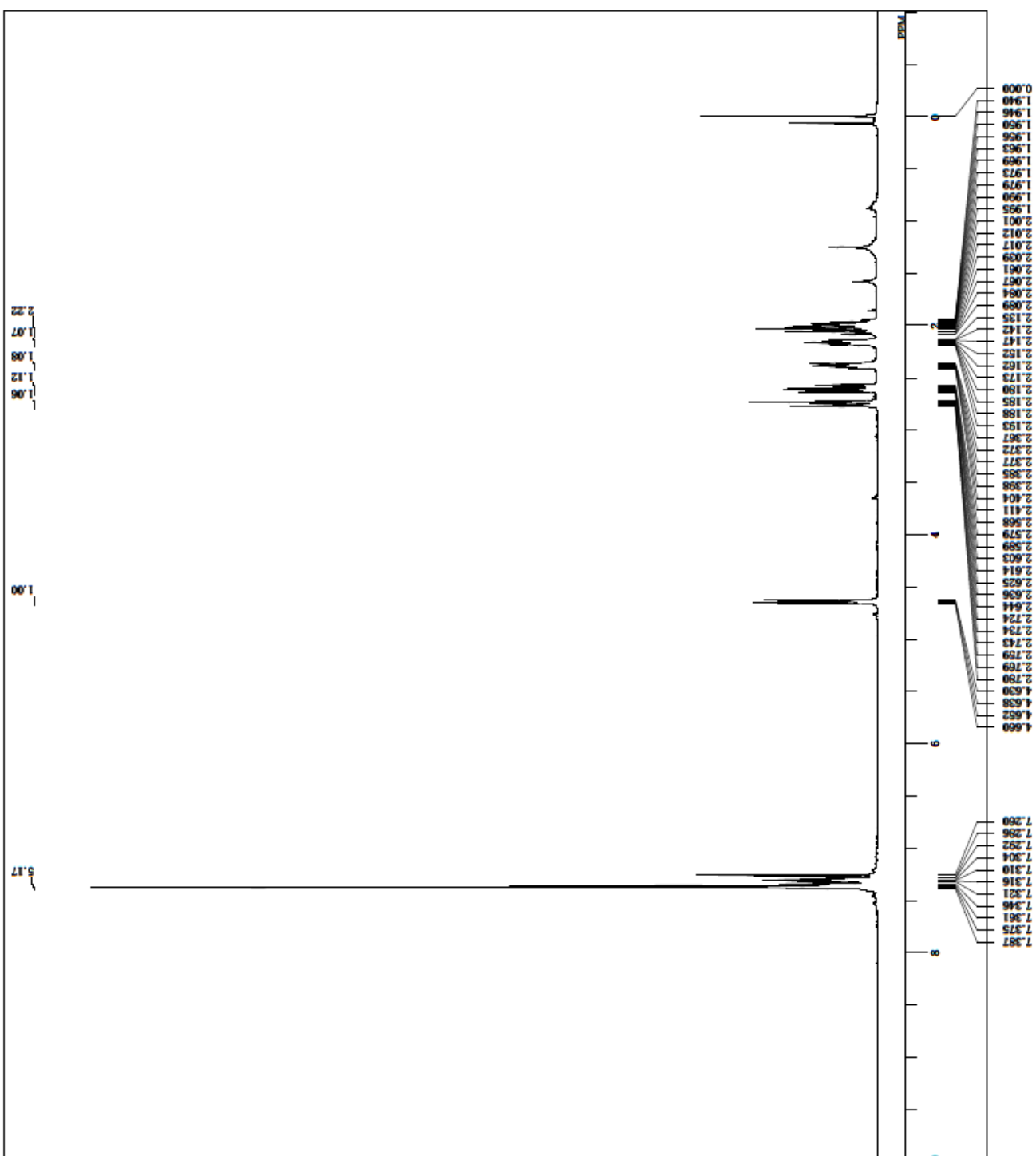


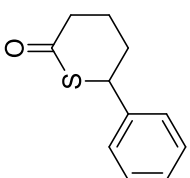
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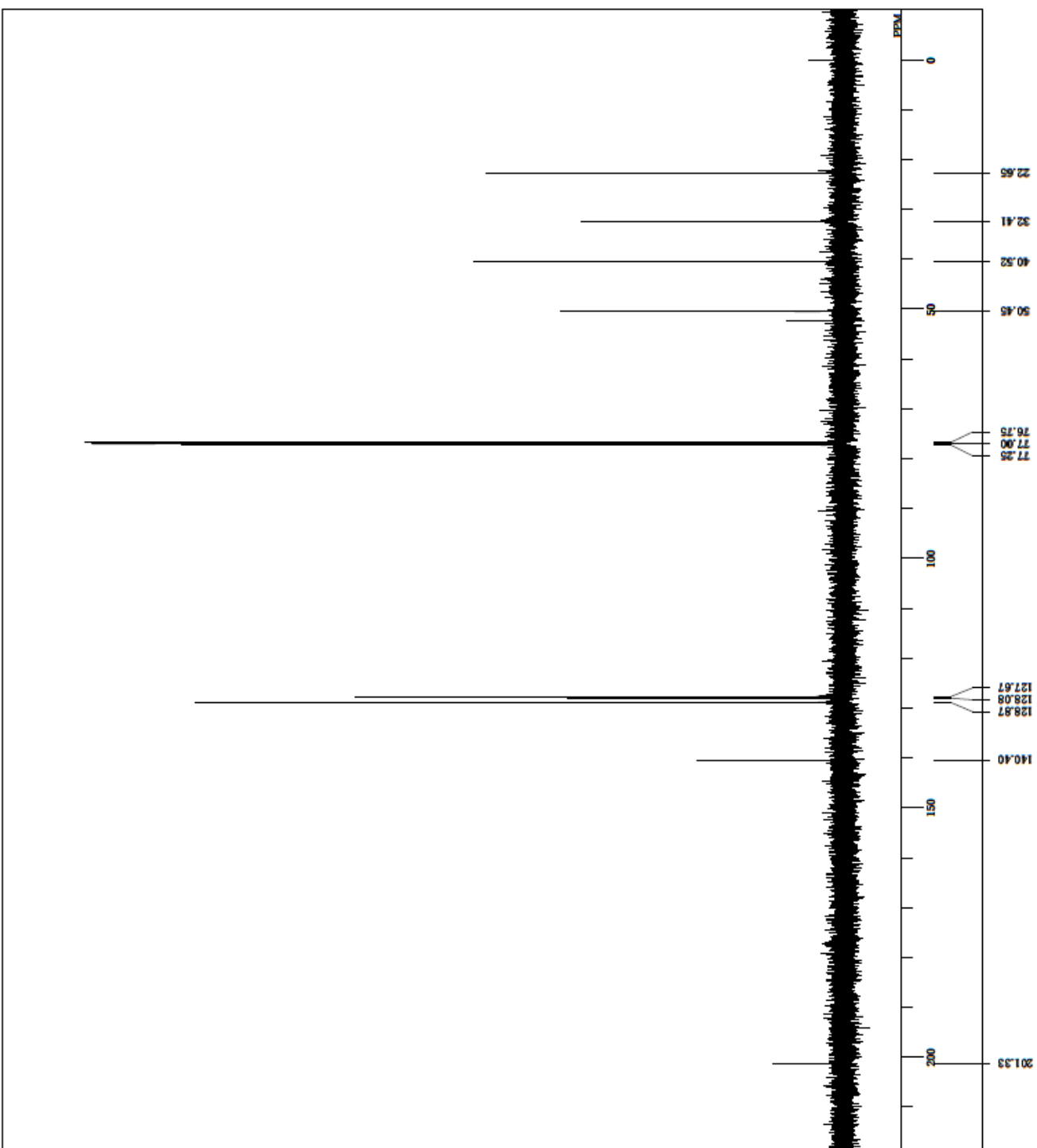


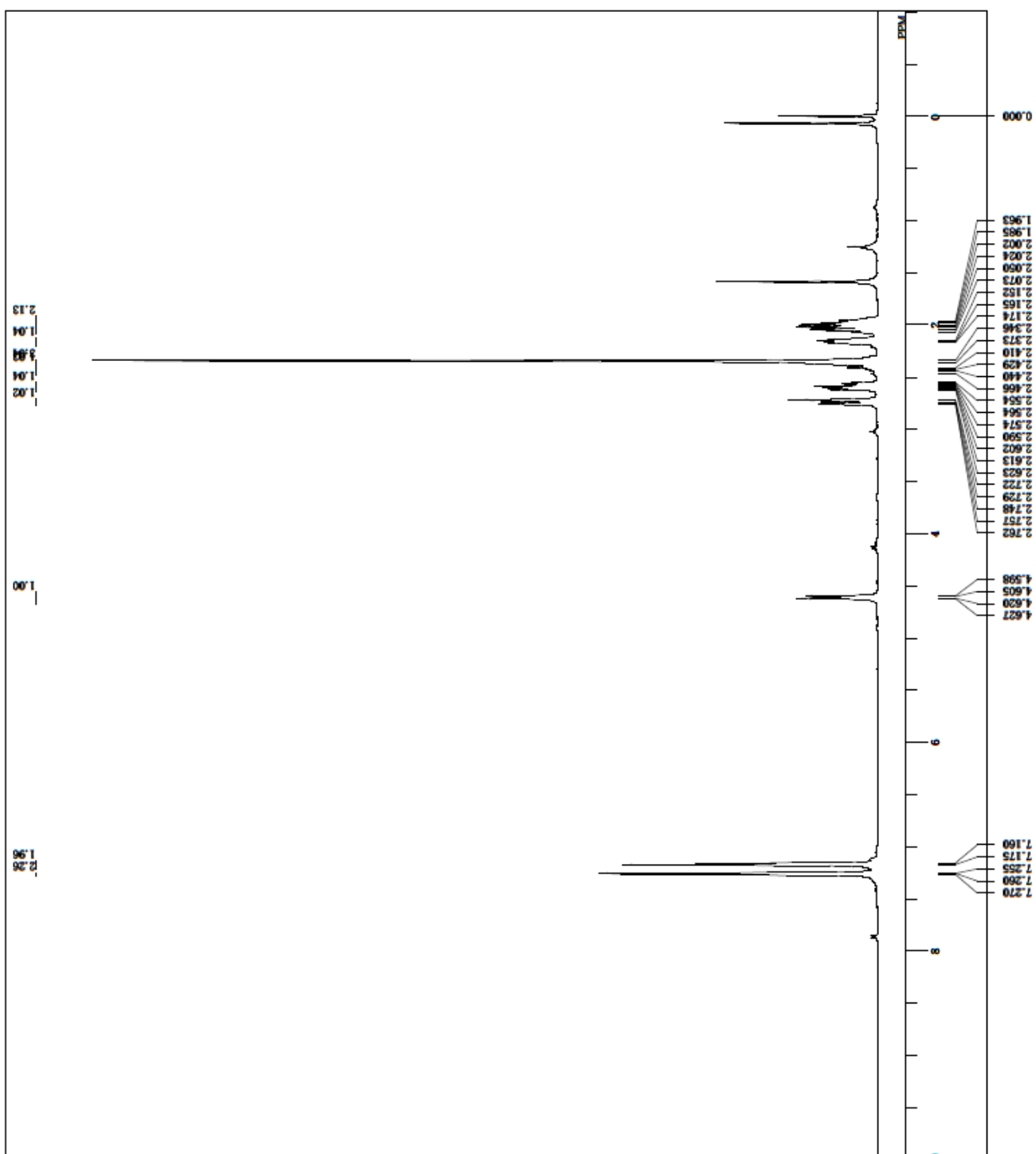
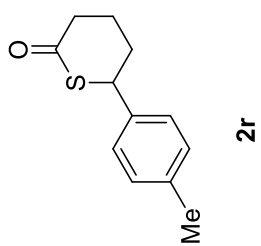
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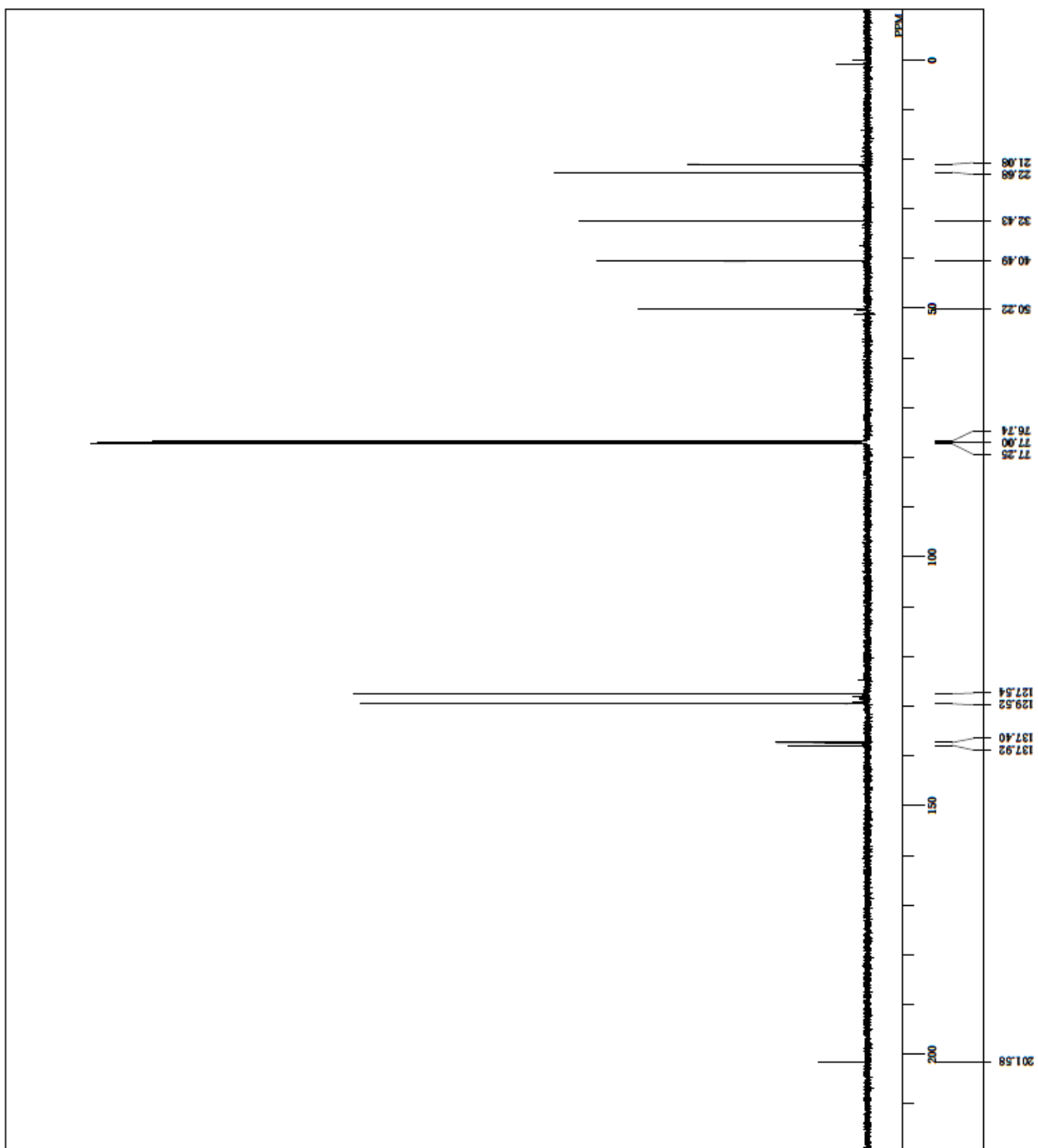
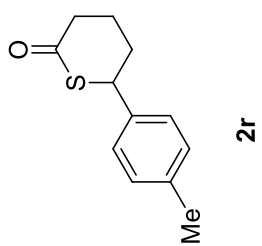


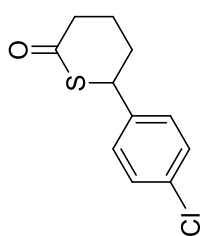


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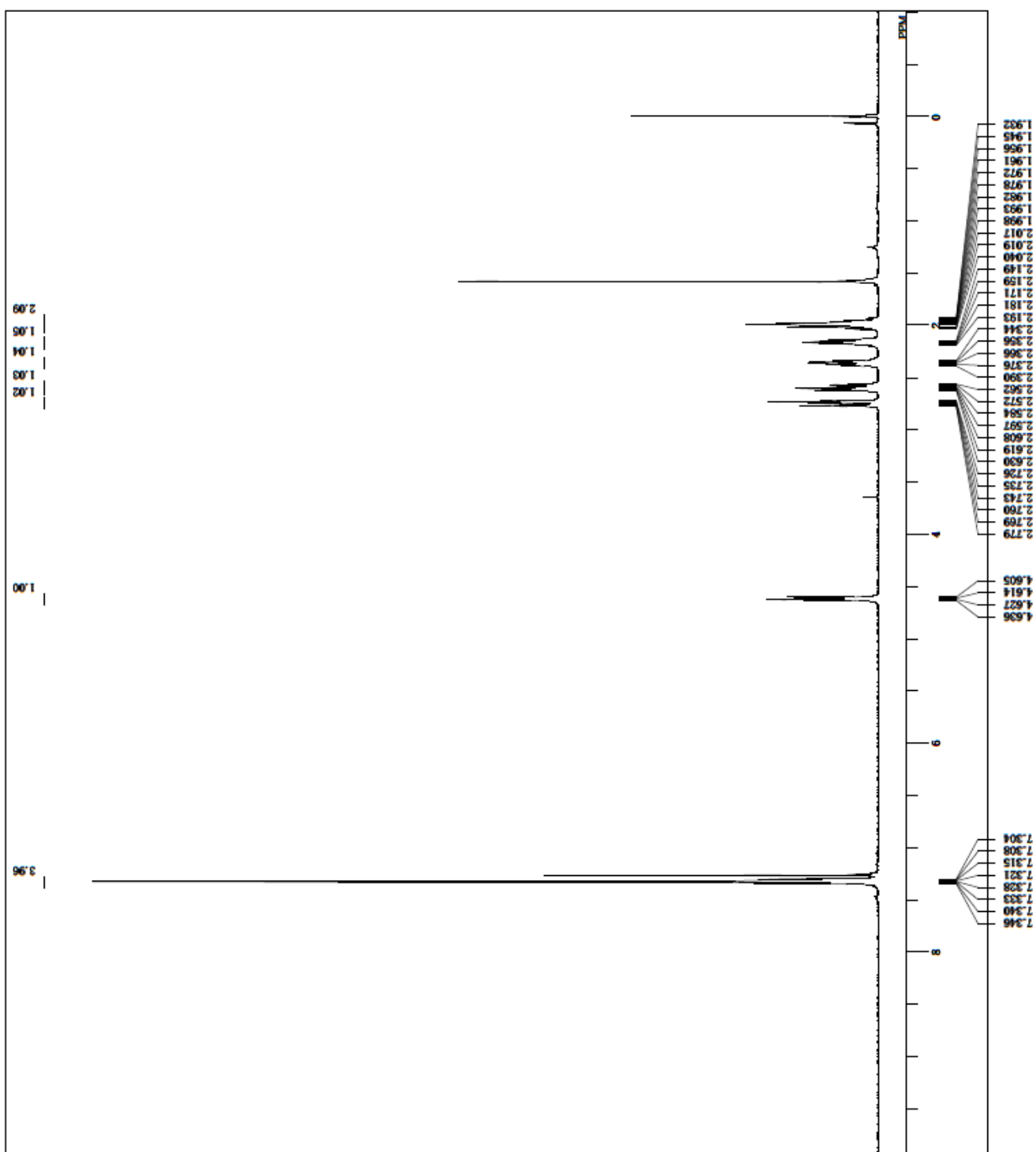


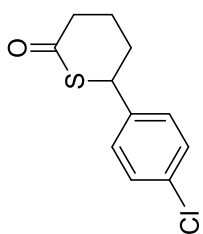




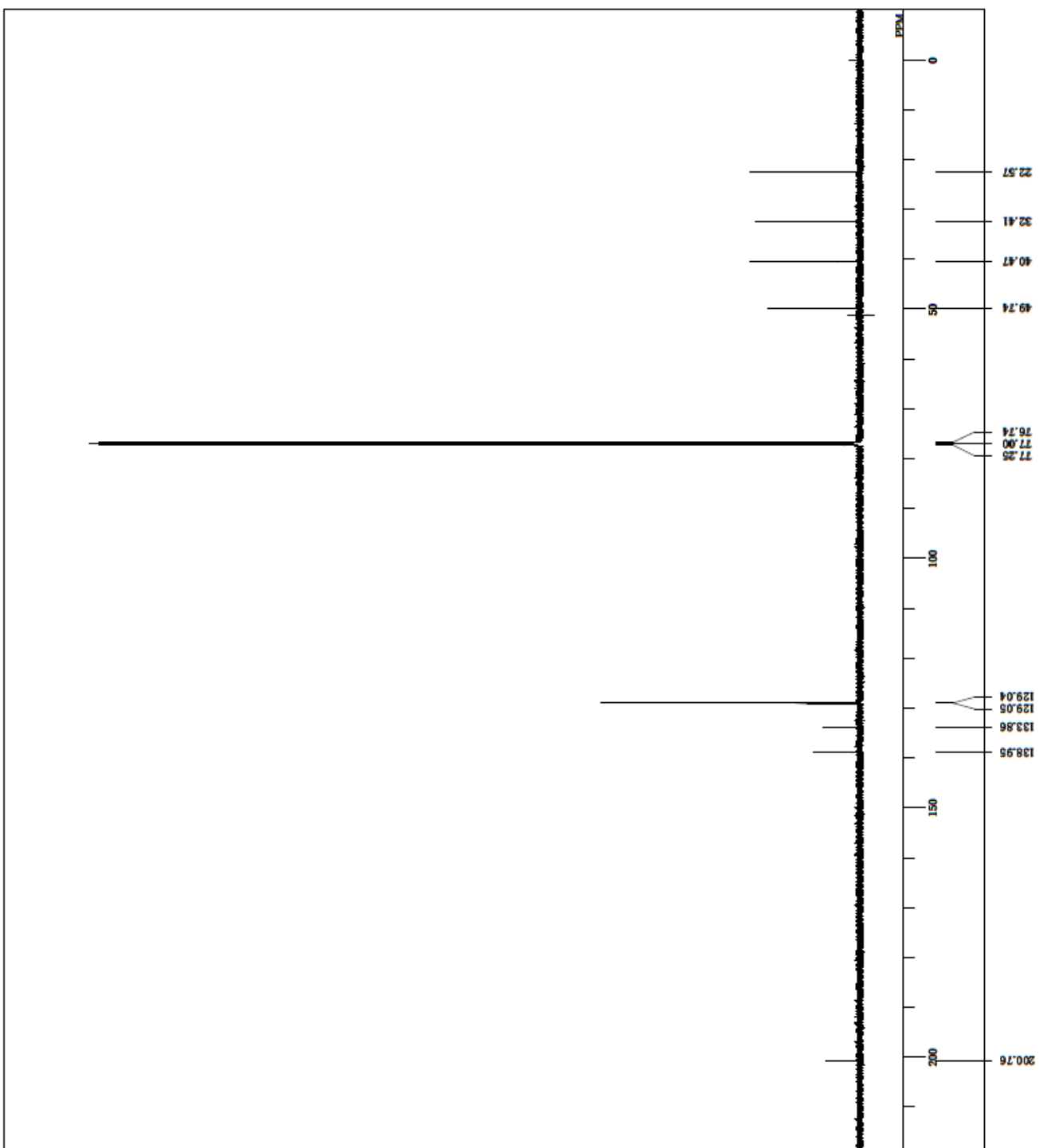


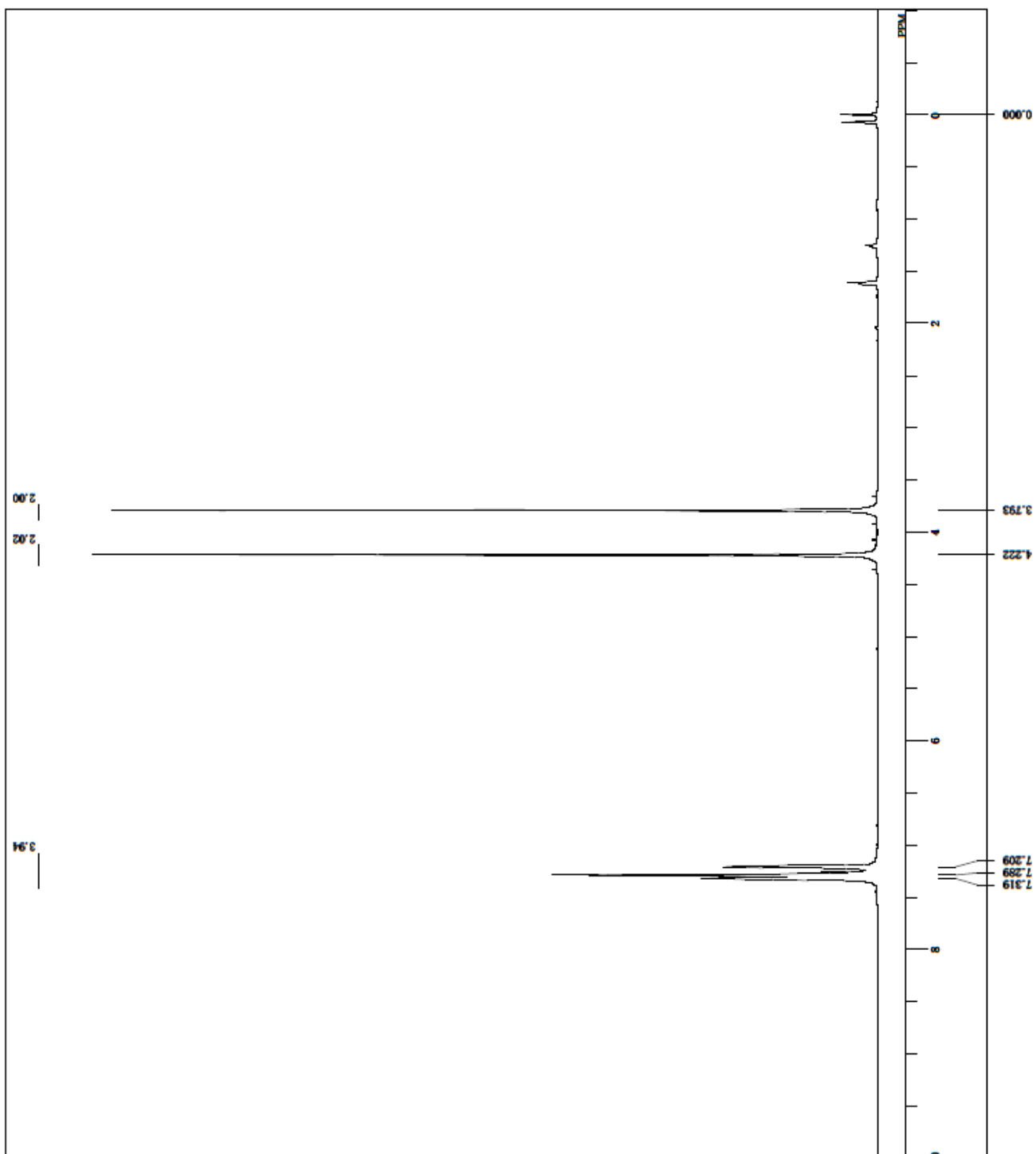
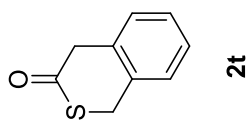
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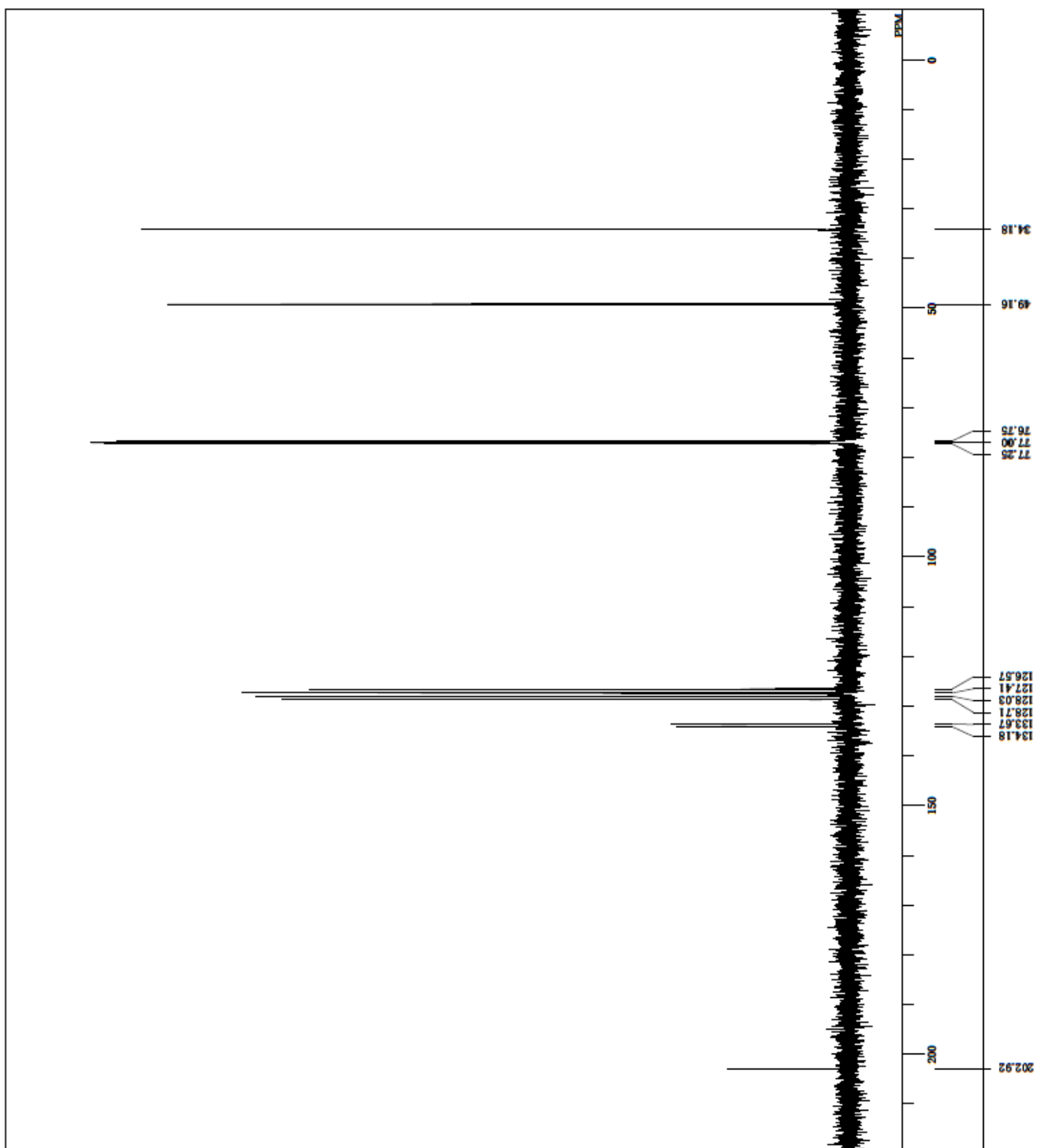
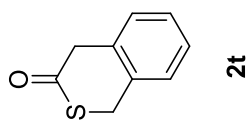


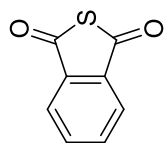


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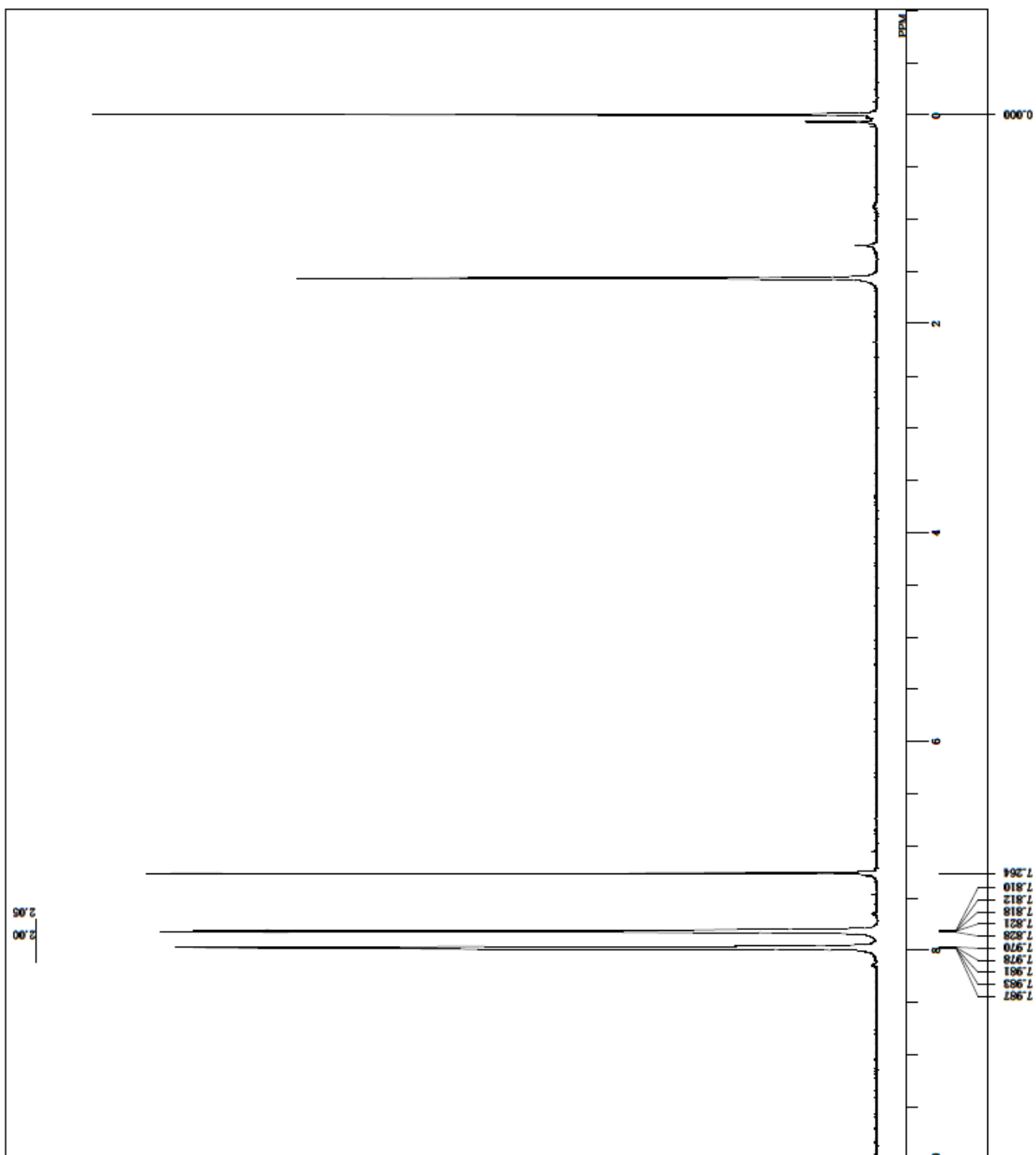


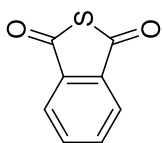




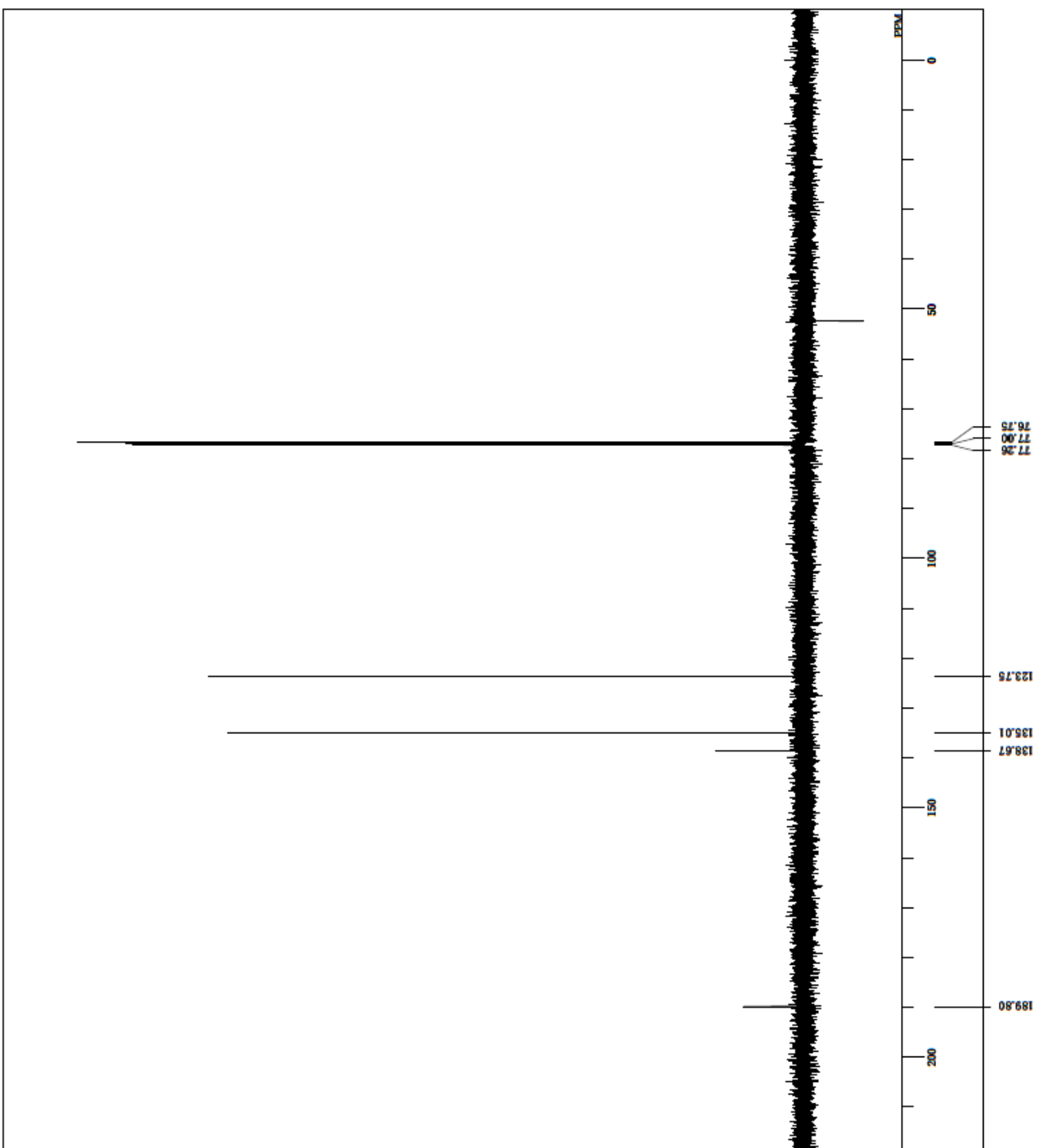


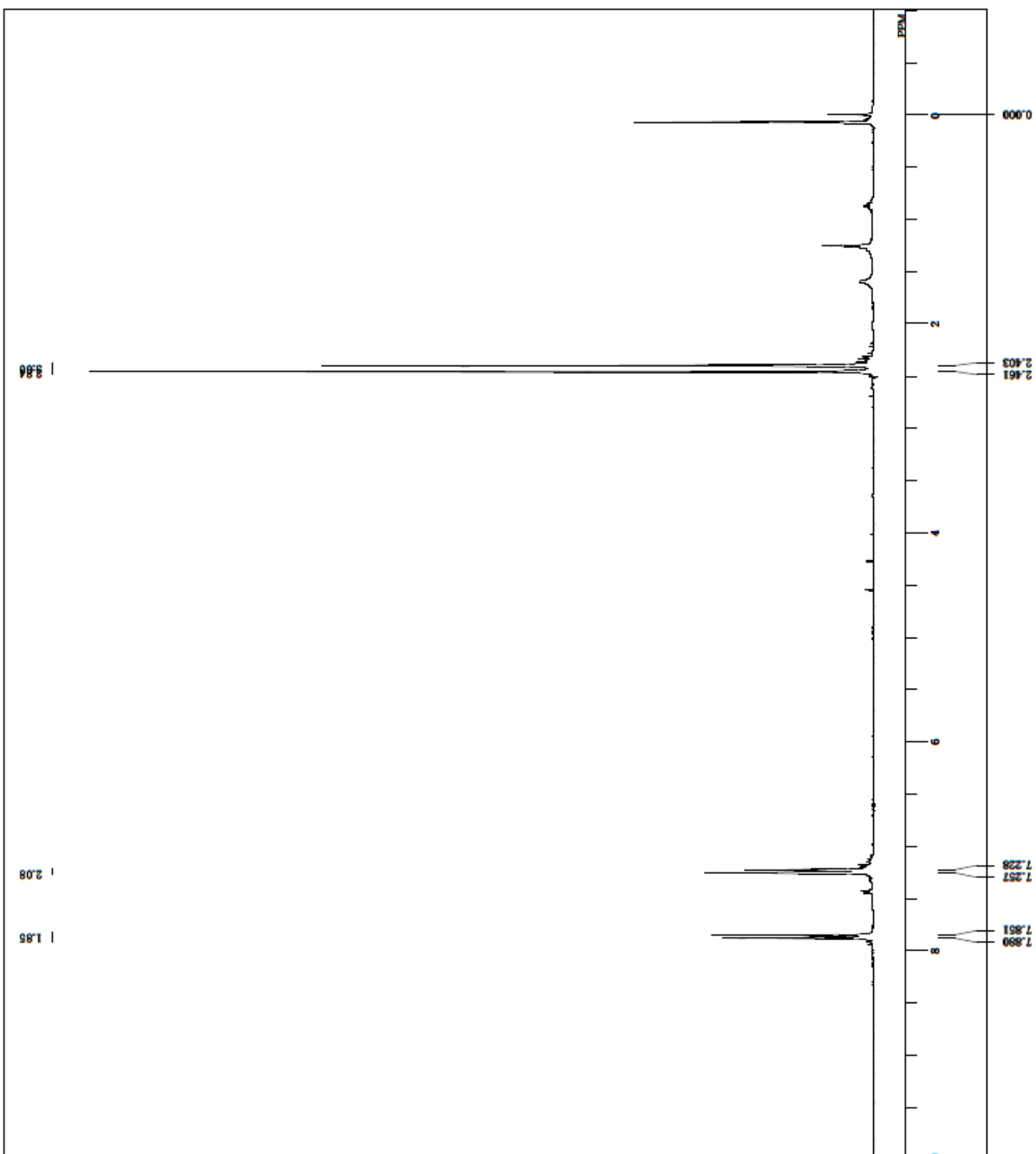
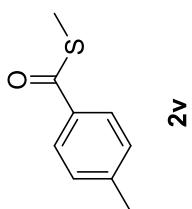
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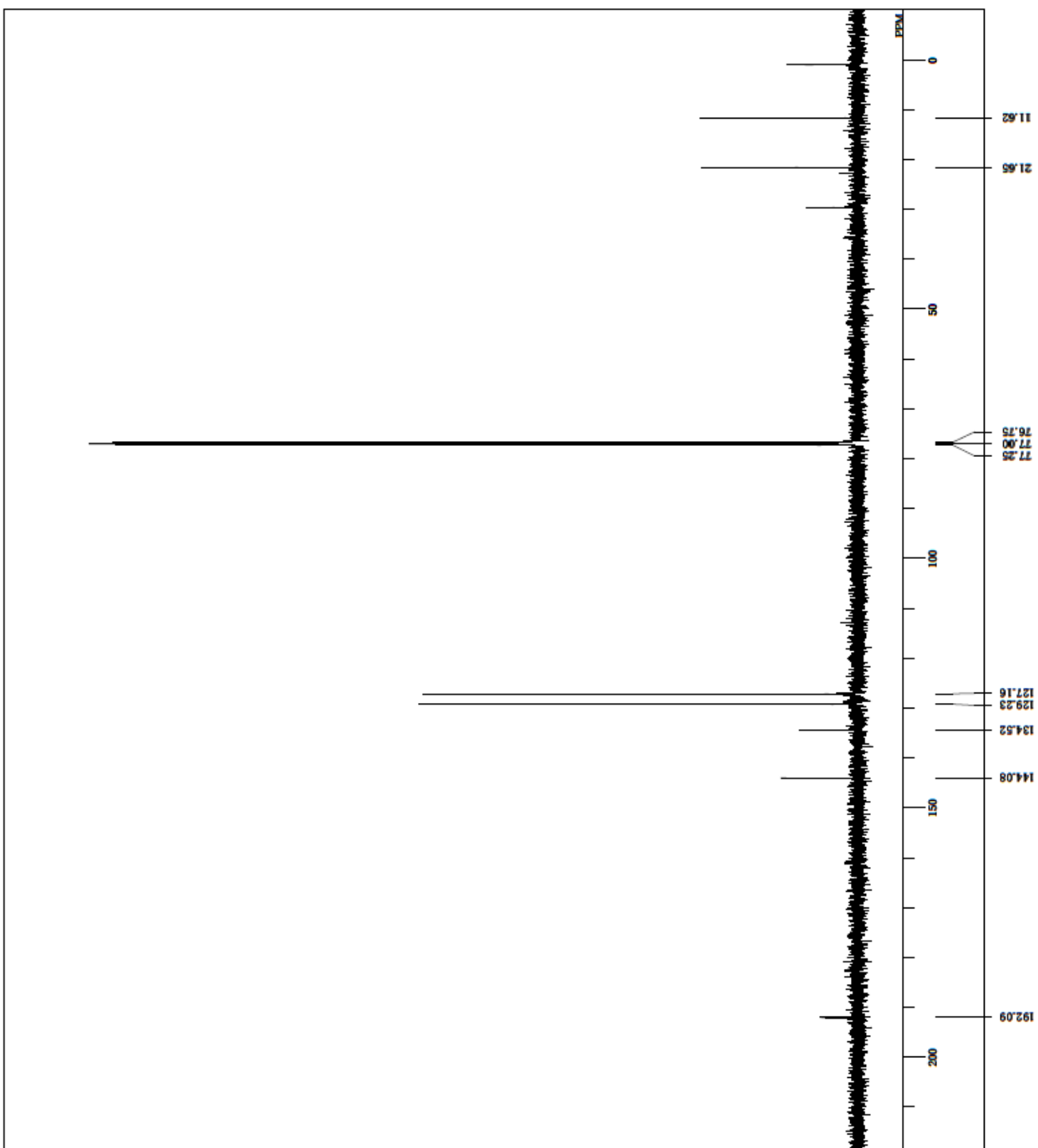
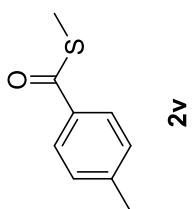


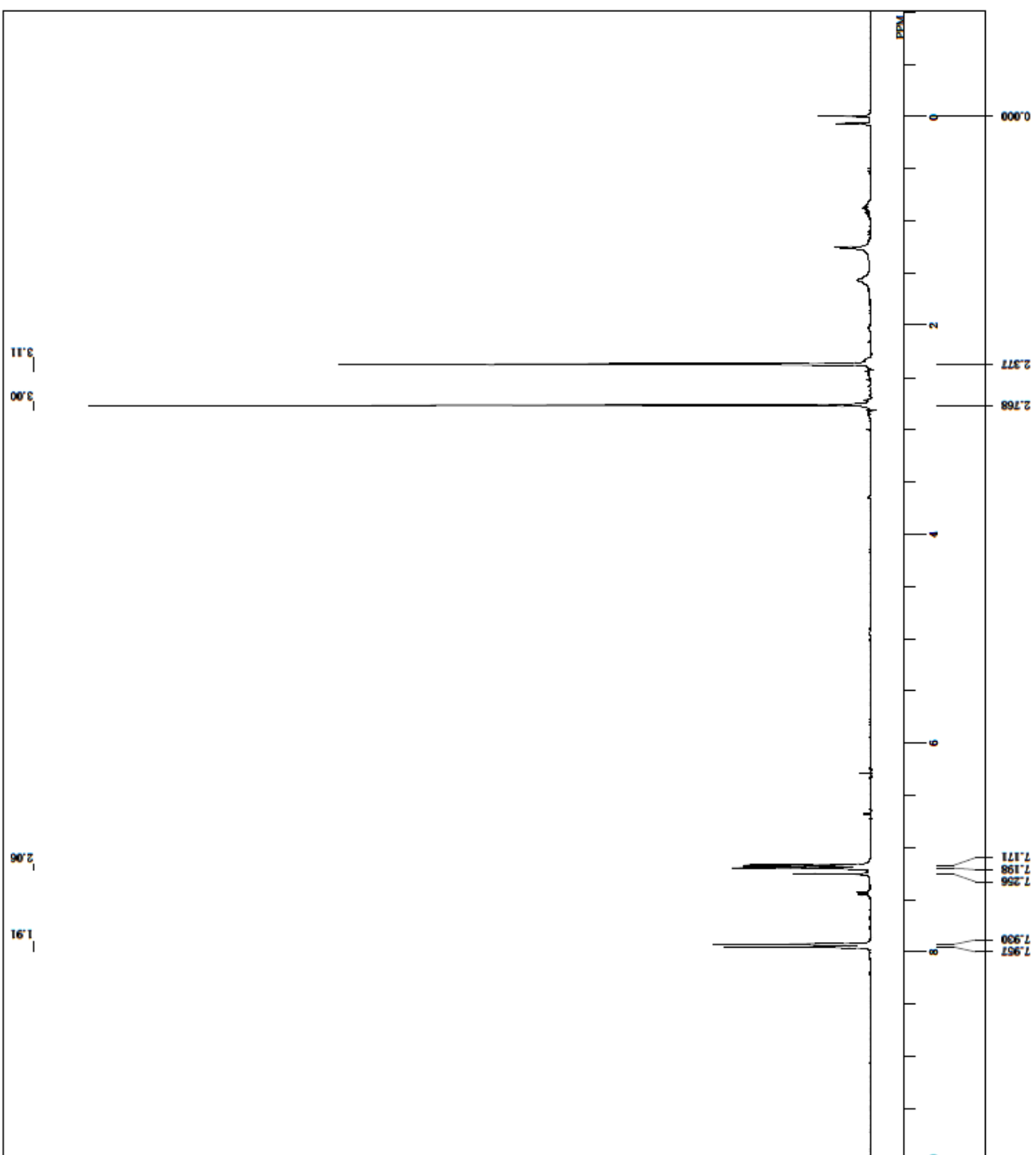
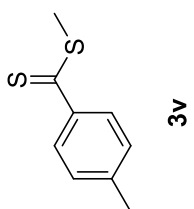


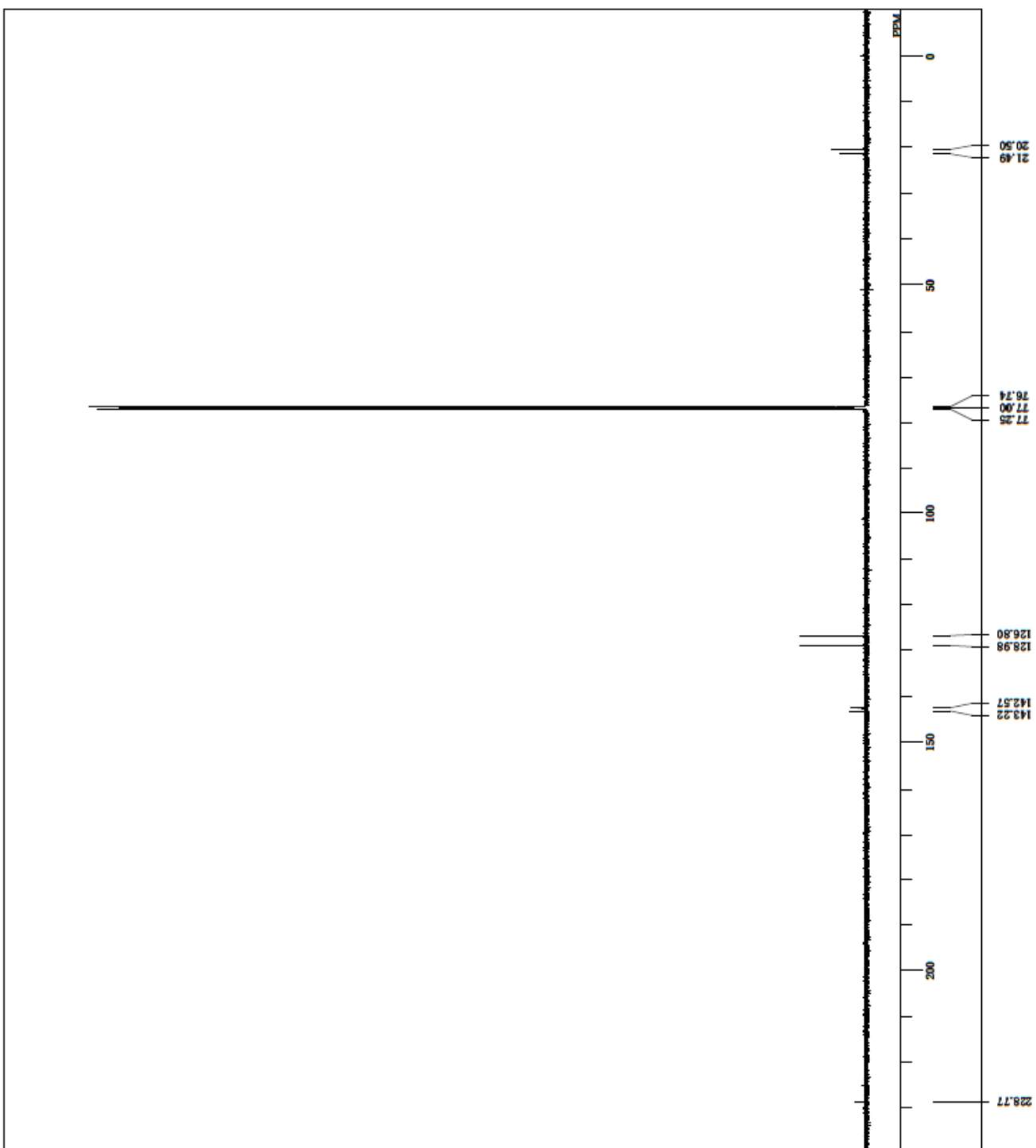
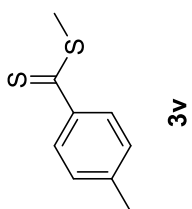
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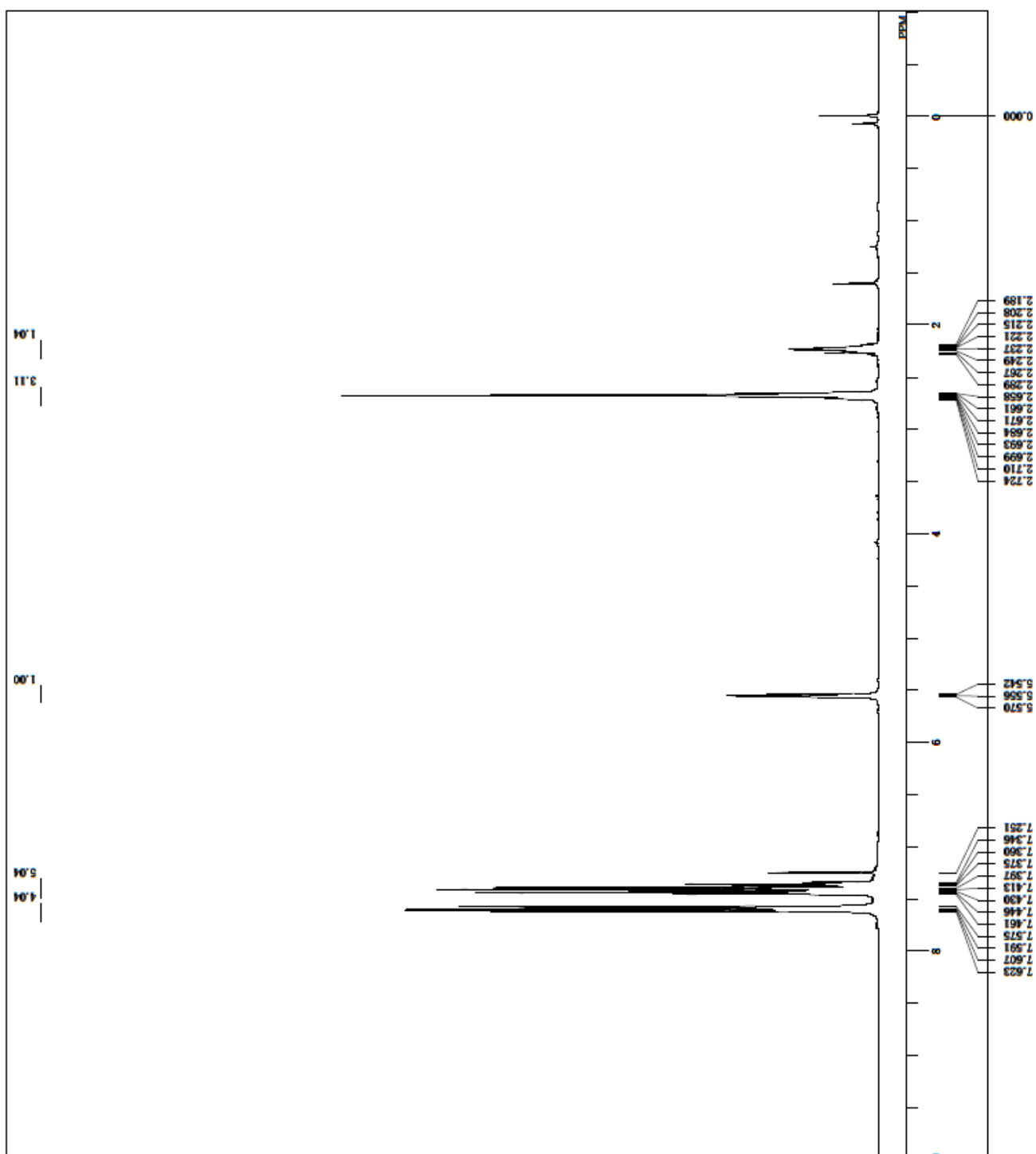
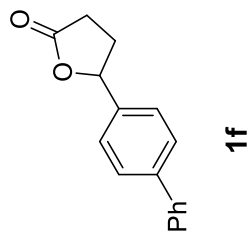


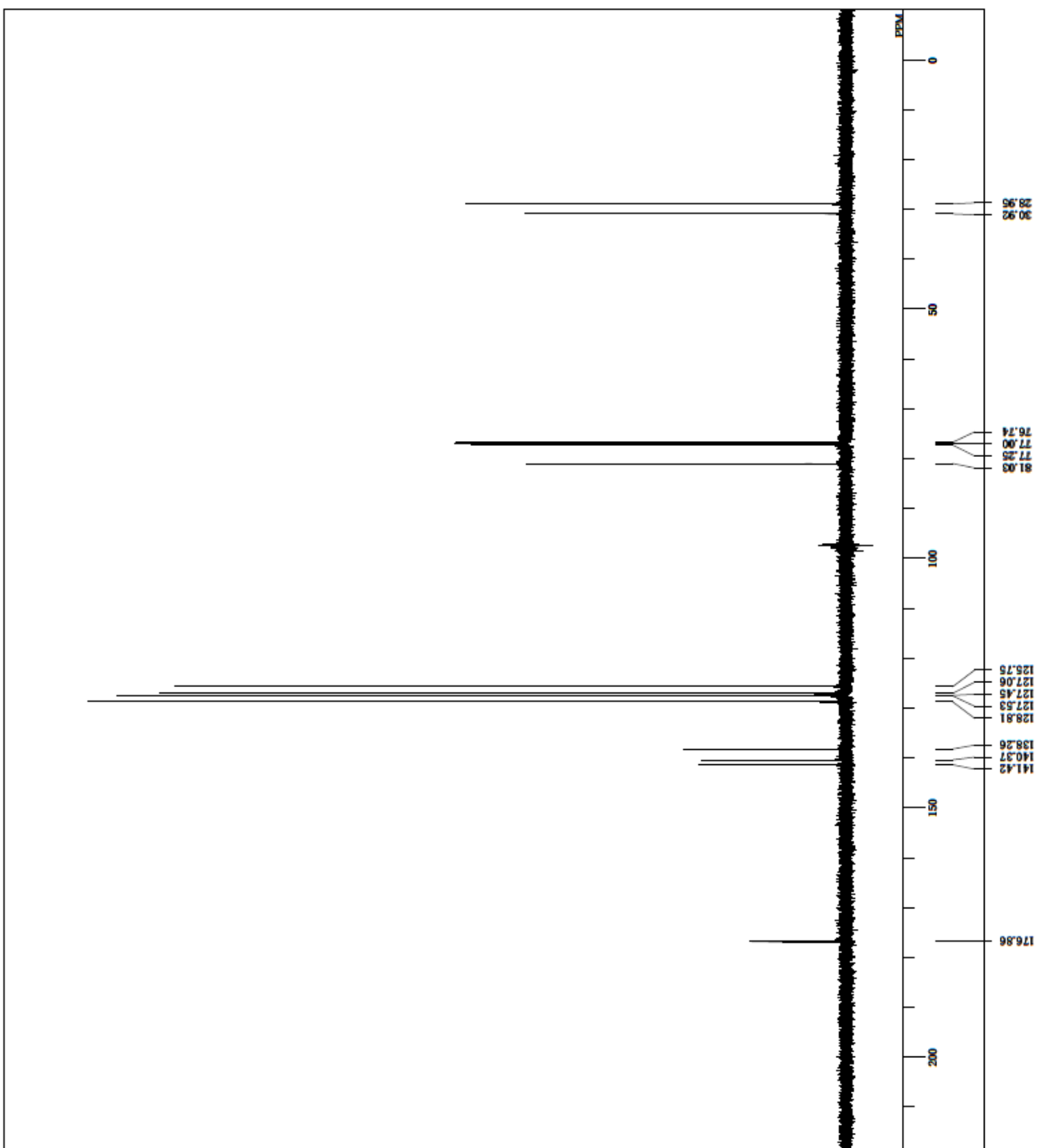
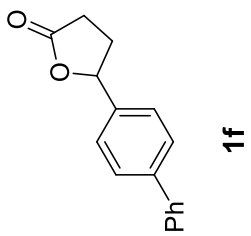


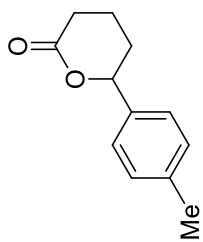




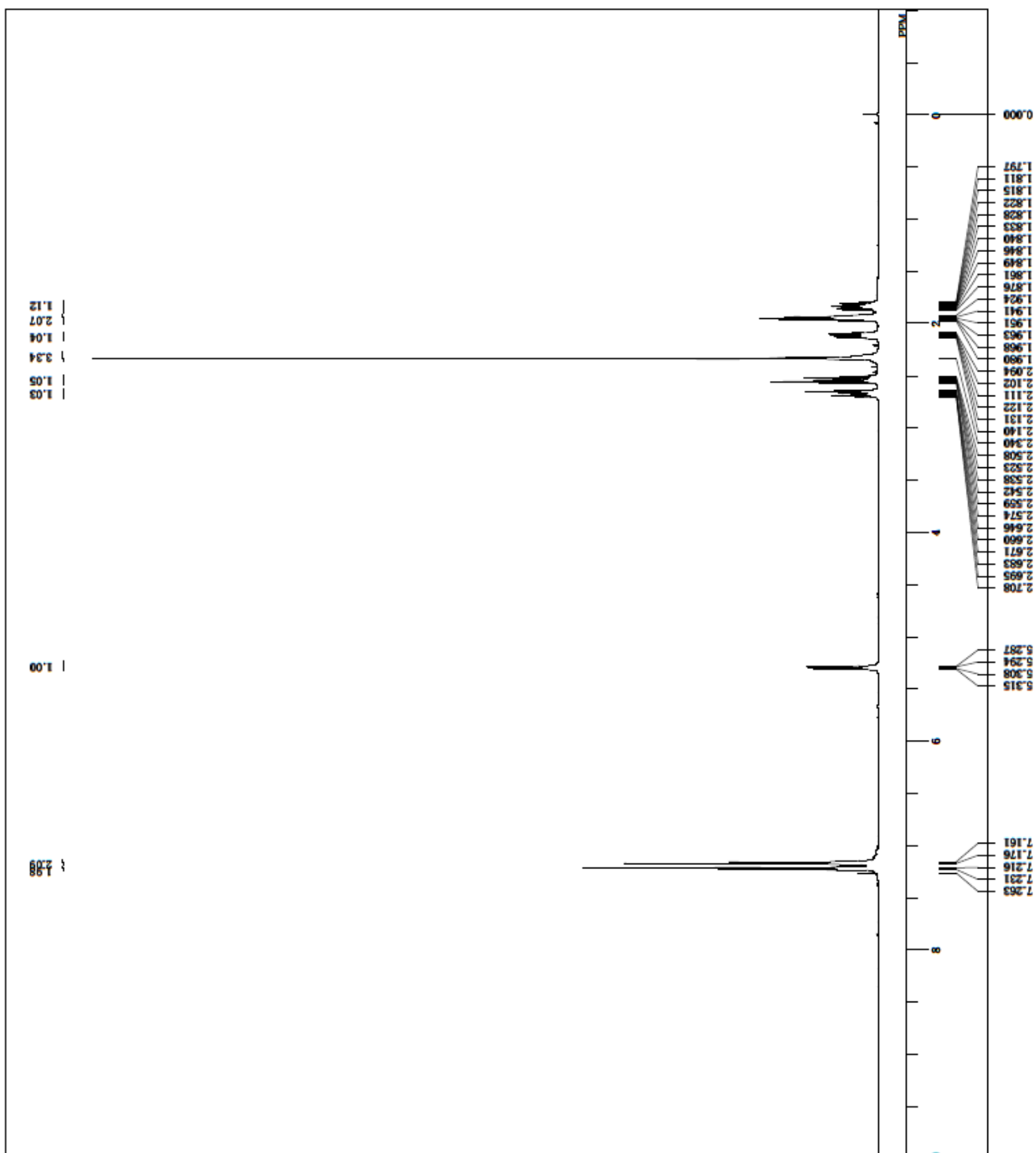


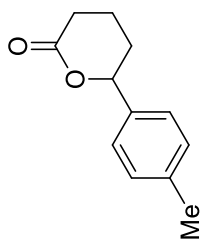




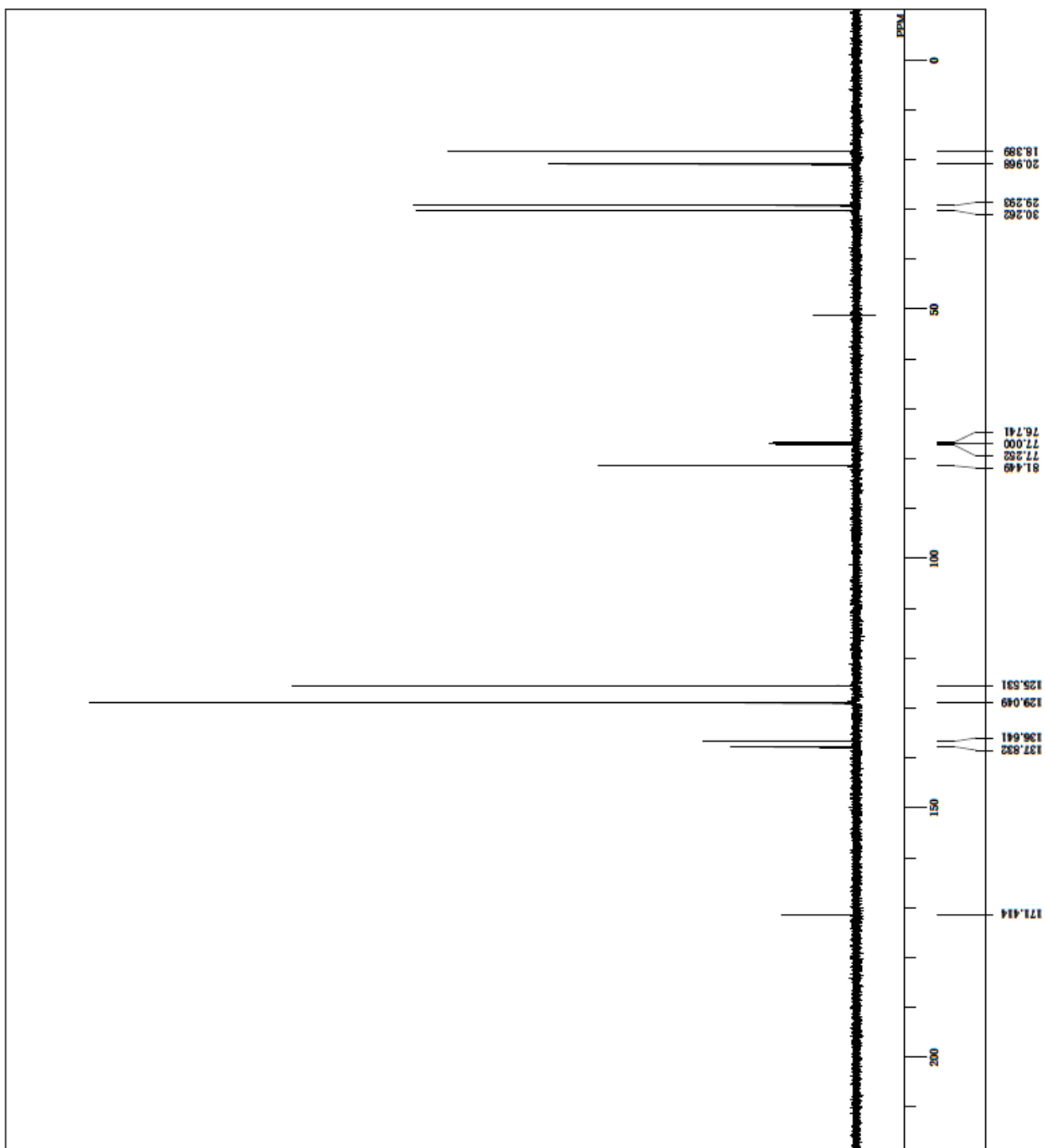


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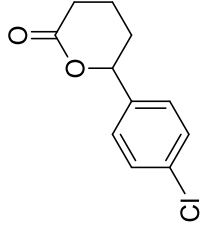




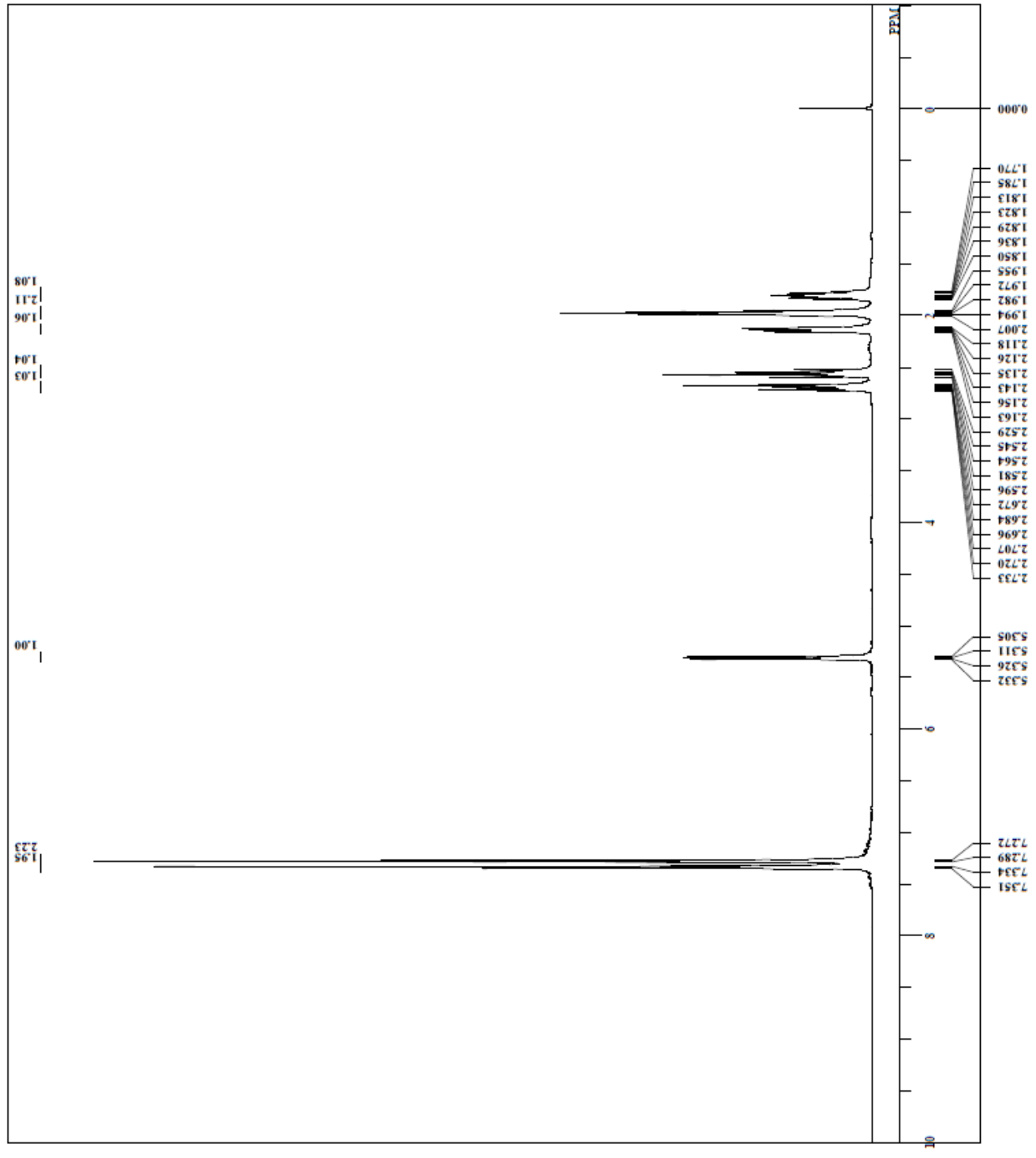
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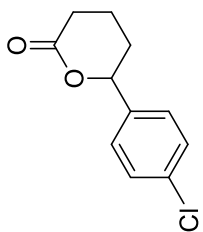


DFILE TKN-170-4-1H %_sol_000 Y.xls
 COMINT Single Pulse Experiment
 DATIM 17-04-2018 18:56:50
 OBNUC 1H
 EXMfOD single pulse exp
 OBFRQ 500.16 MHz
 OBSEI 2.41 kHz
 OBFLN 6.01 Hz
 POINT 16384
 FREQU 7507.51 Hz
 SCANS 8
 ACQTM 2.1823 sec
 PD 4.0000 sec
 PW1 7.60 msec
 IRNUC 21.2 c
 CTEMP CDCL3
 SLVT 0.00 ppm
 EXREF BF
 BF 0.14 Hz
 RGAIN 13



1s





1s

