

Investigation of Pd(II)-catalyzed cyclization of chiral θ -hydroxy- $\alpha,\beta,\gamma,\delta$ -unsaturated dienol

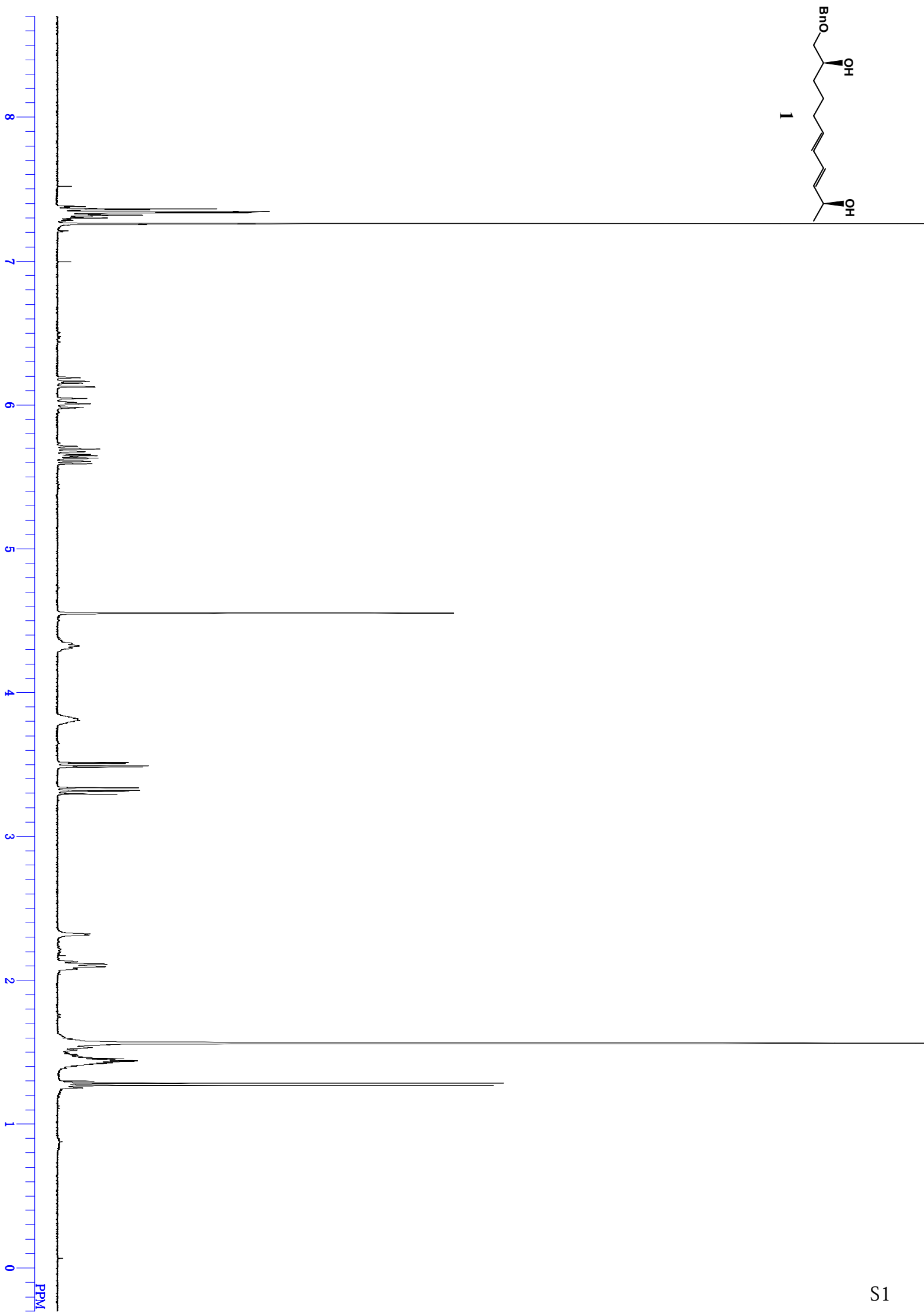
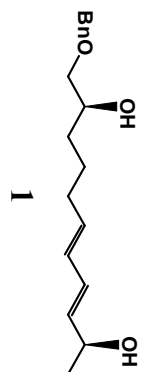
Supporting Information

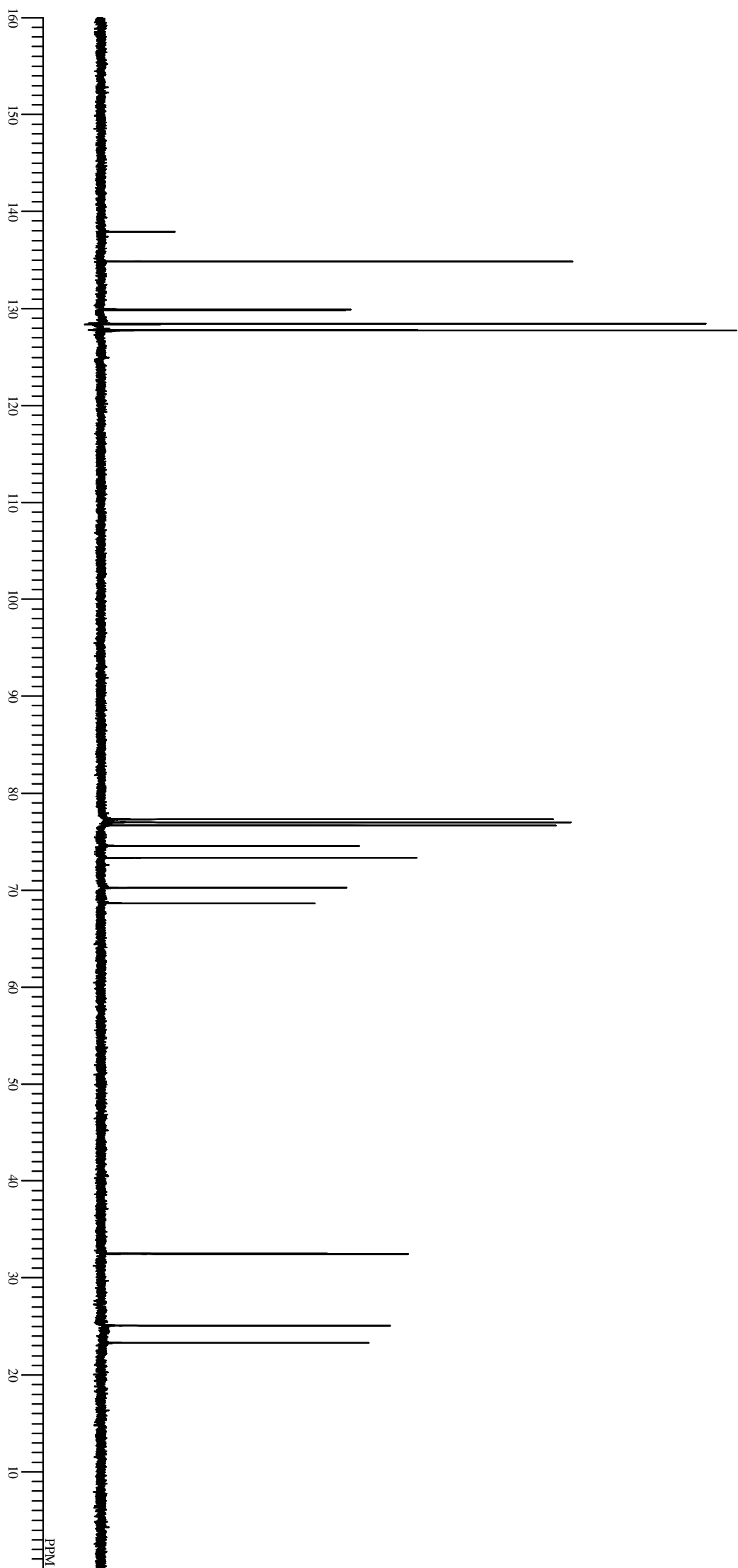
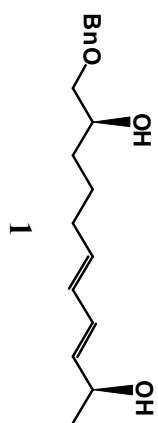
Akiko Ida, Naoyuki Hoshiya and Jun'ichi Uenishi*

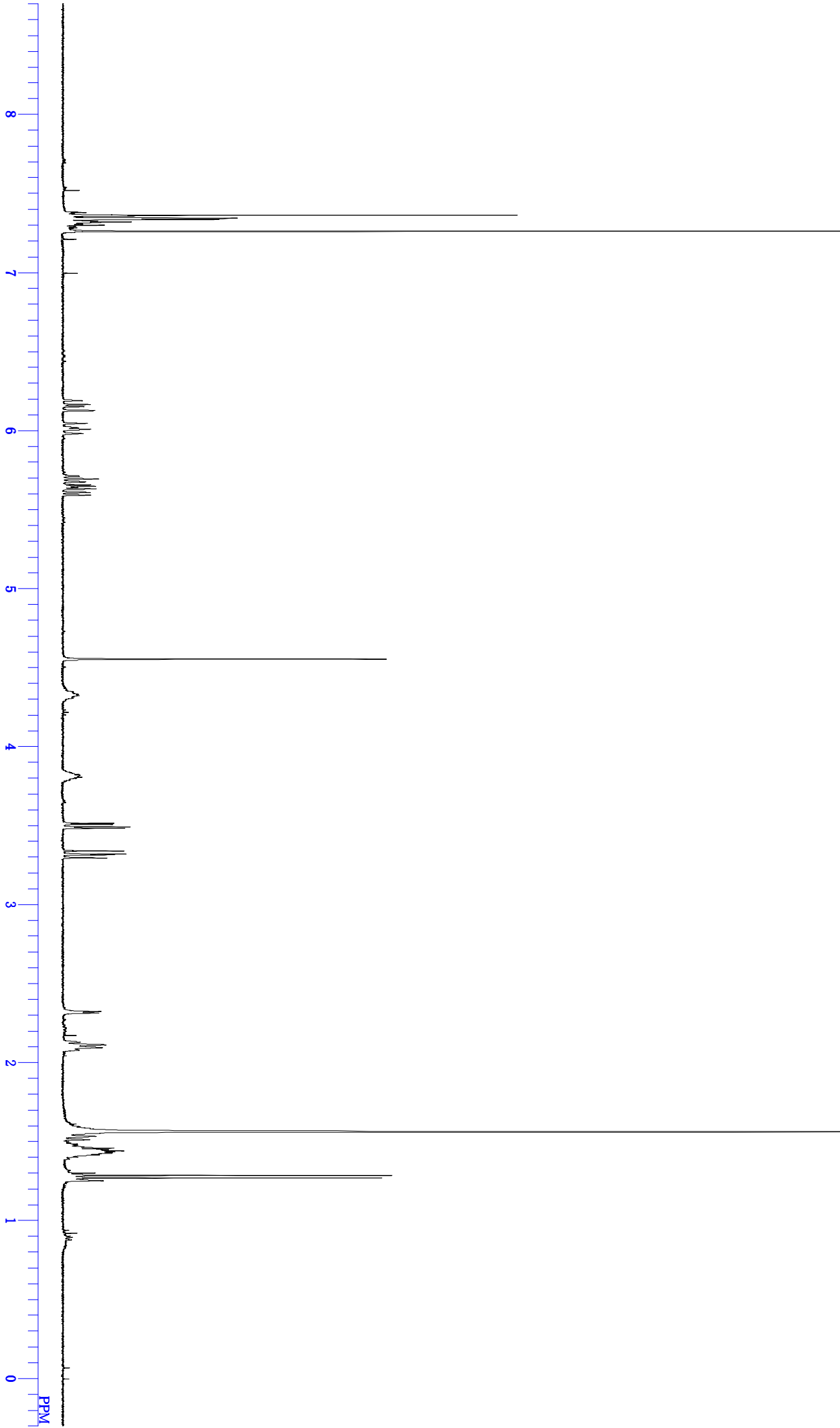
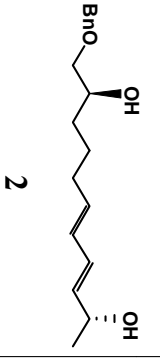
Kyoto Pharmaceutical University, Yamashina, Kyoto 607-8412, Japan.

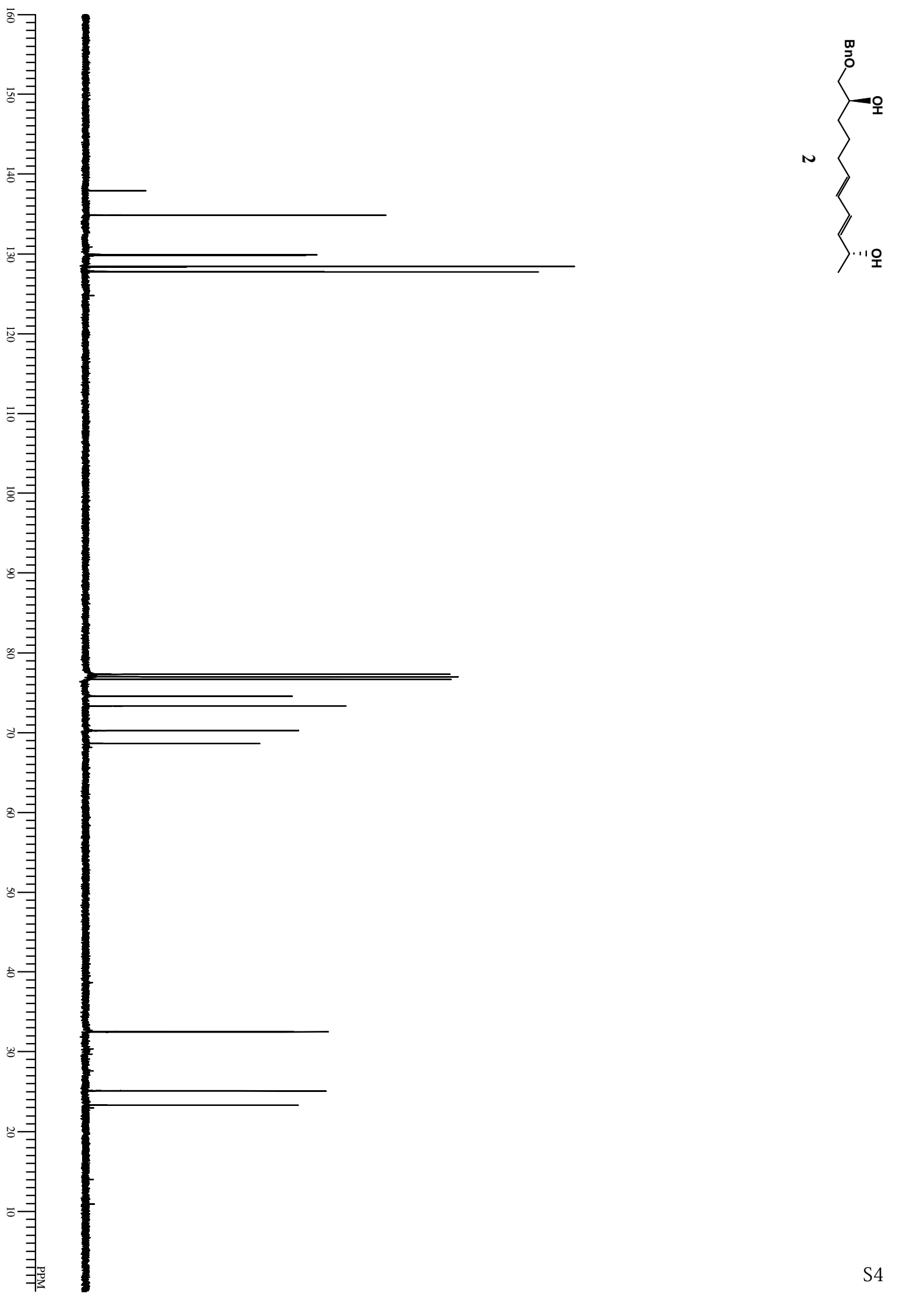
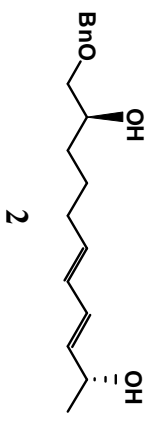
E-mail: juenishi@mb.kyoto-phu.ac.jp

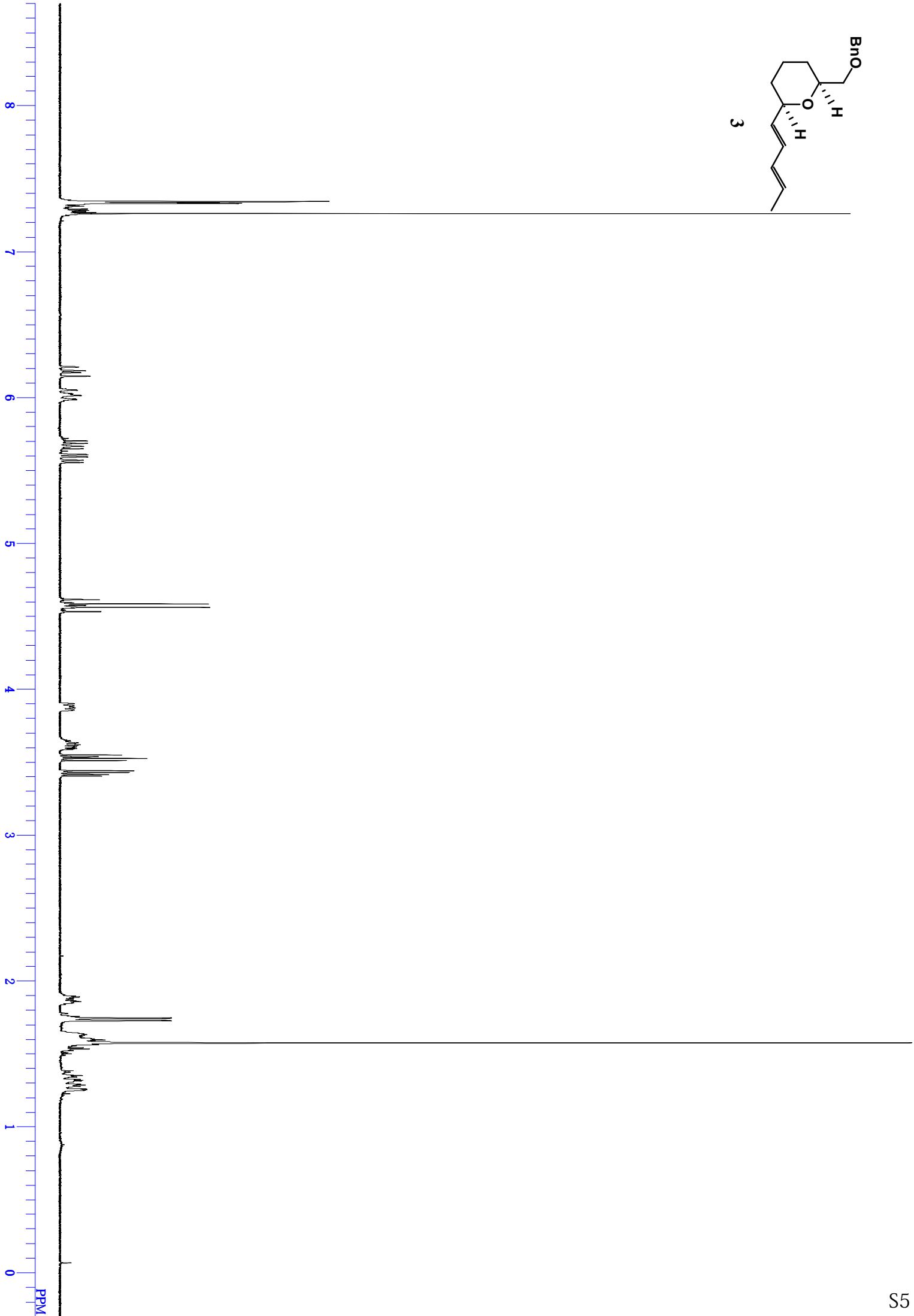
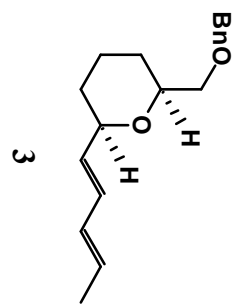
¹ H-NMR spectrum of 1	S1
¹³ C-NMR spectrum of 1	S2
¹ H-NMR spectrum of 2	S3
¹³ C-NMR spectrum of 2	S4
¹ H-NMR spectrum of 3	S5
¹³ C-NMR spectrum of 3	S6
¹ H-NMR spectrum of 4	S7
¹³ C-NMR spectrum of 4	S8
¹ H-NMR spectrum of 6	S9
¹³ C-NMR spectrum of 6	S10
¹ H-NMR spectrum of 7	S11
¹³ C-NMR spectrum of 7	S12
¹ H-NMR spectrum of 8	S13
¹³ C-NMR spectrum of 8	S14
¹ H-NMR spectrum of 9	S15
¹³ C-NMR spectrum of 9	S16
¹ H-NMR spectrum of 10	S17
¹³ C-NMR spectrum of 10	S18
¹ H-NMR spectrum of 11	S19
¹³ C-NMR spectrum of 11	S20
¹ H-NMR spectrum of 12	S21
¹³ C-NMR spectrum of 12	S22
¹ H-NMR spectrum of 13	S23
¹³ C-NMR spectrum of 13	S24
¹ H-NMR spectrum of 14	S25
¹³ C-NMR spectrum of 14	S26

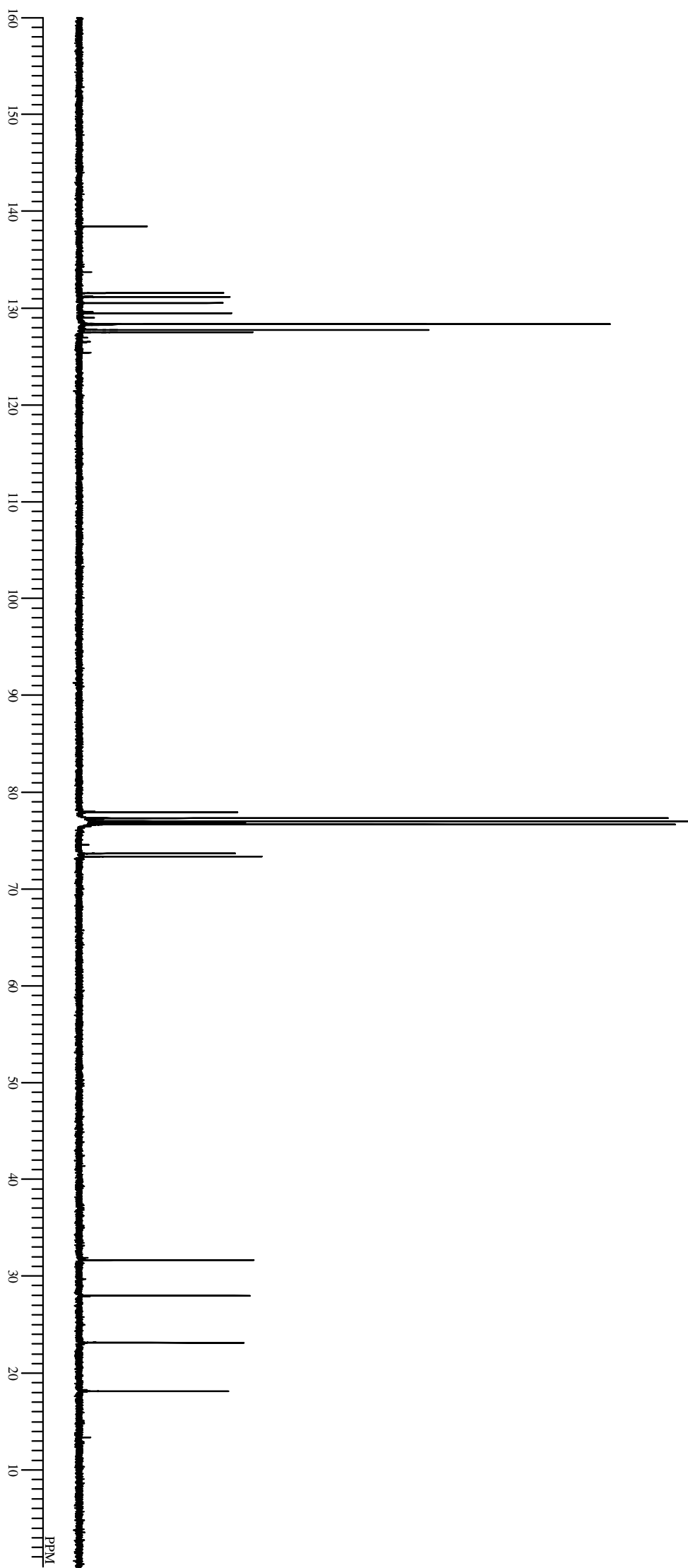
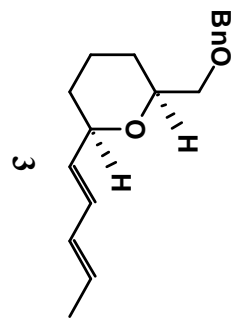


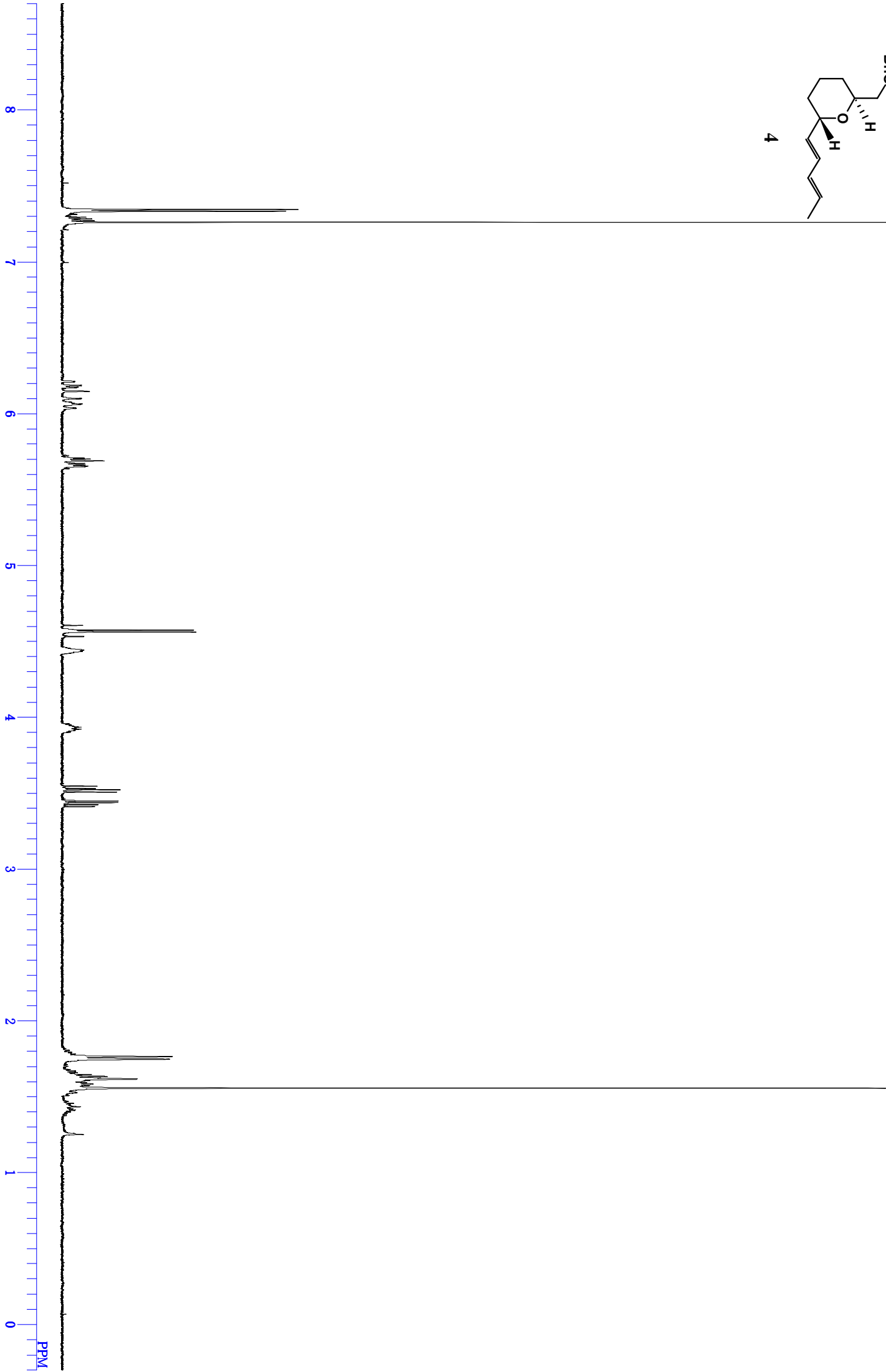
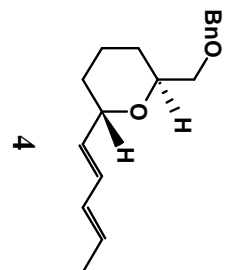


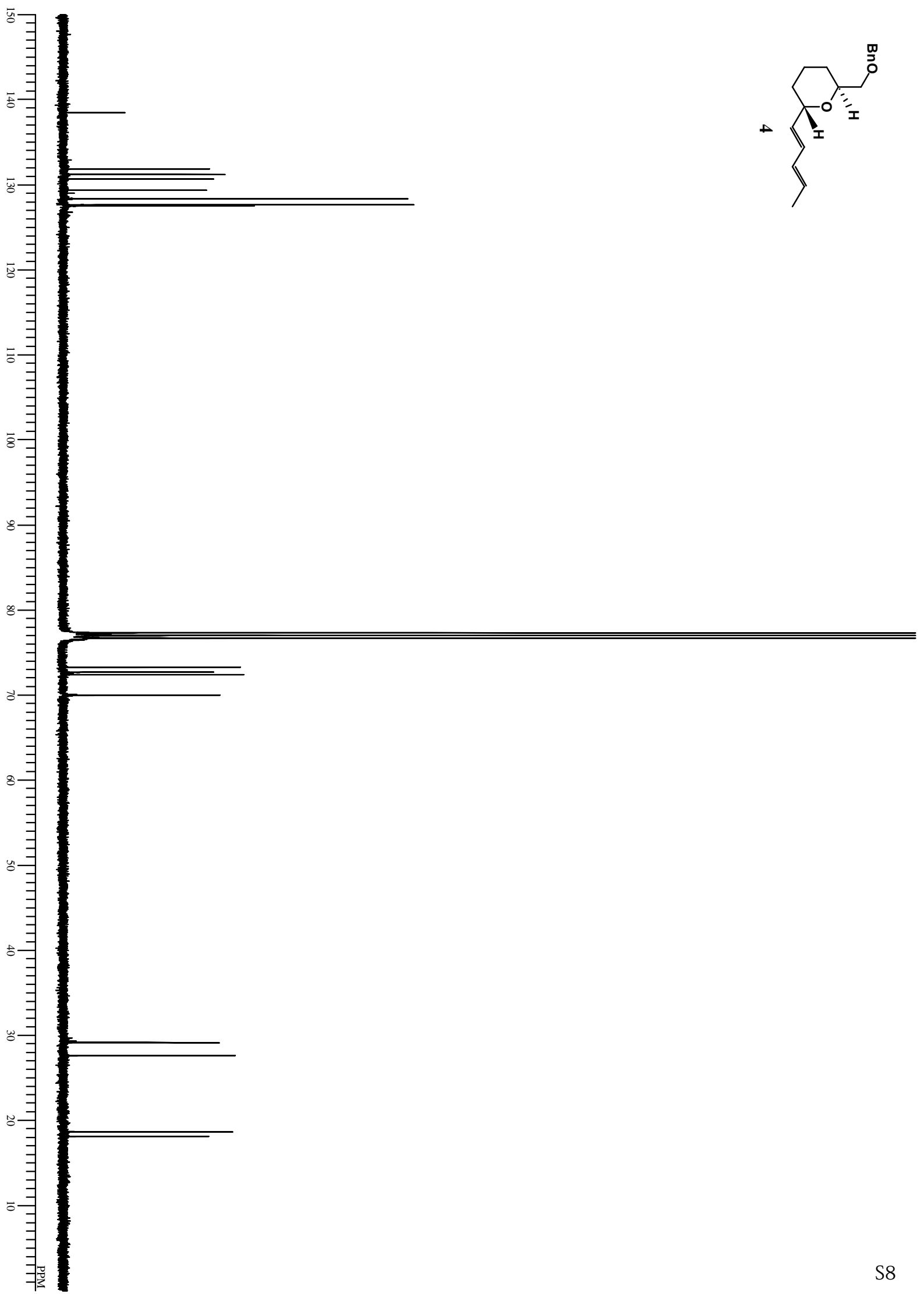
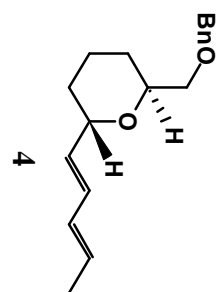


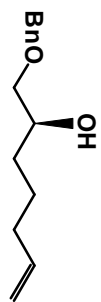




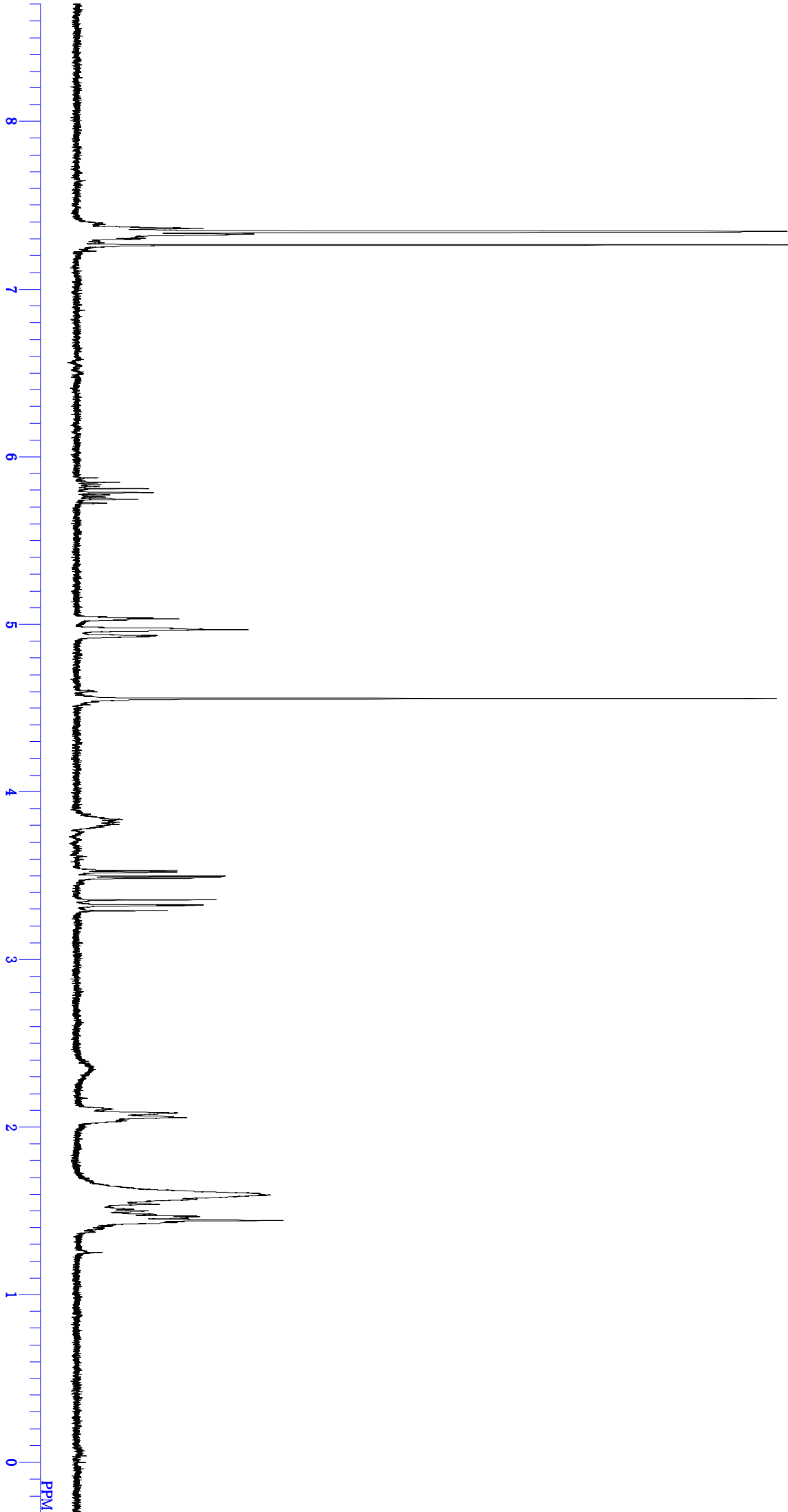


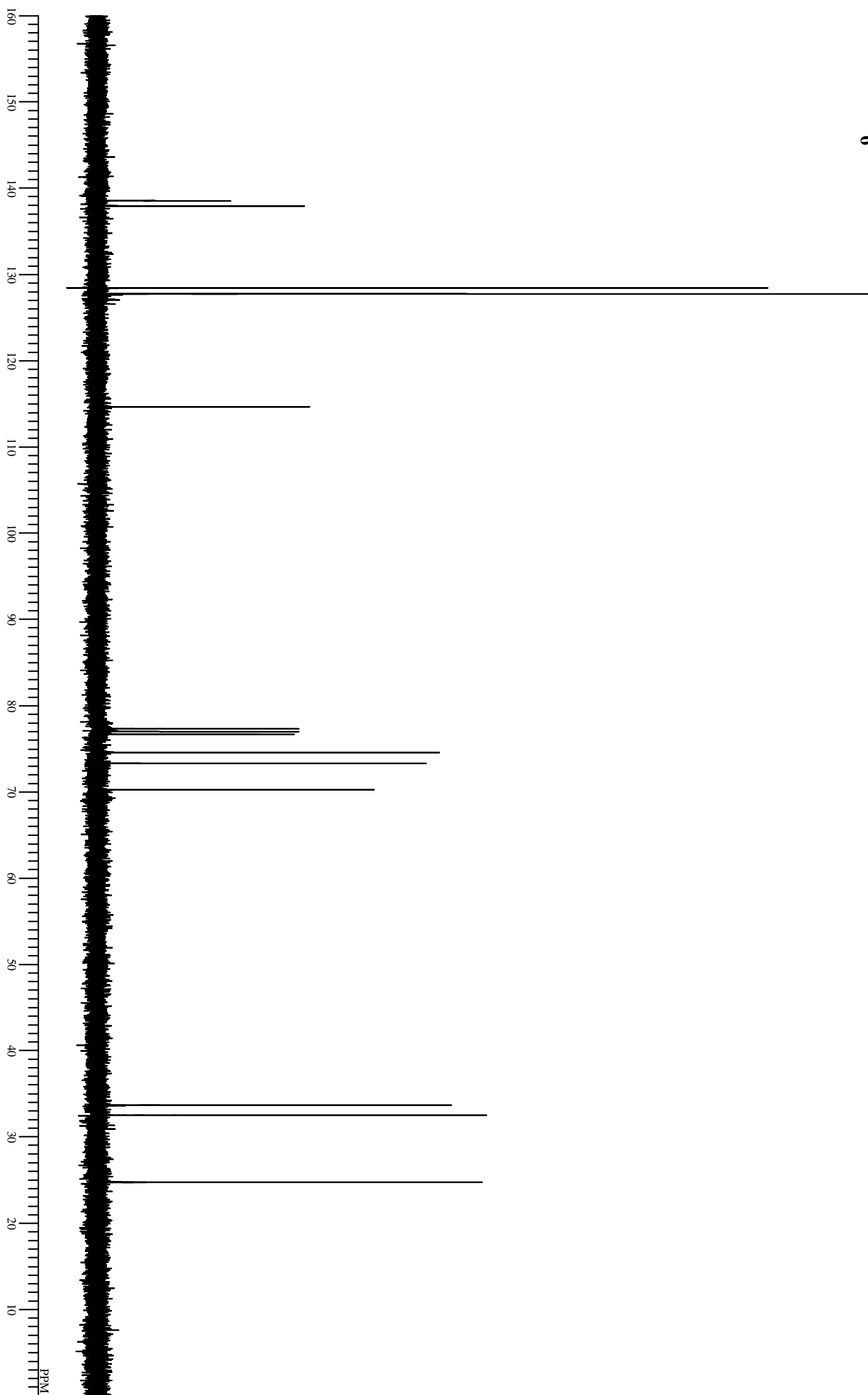
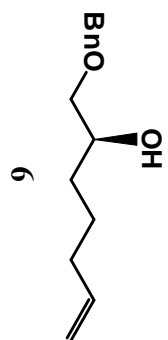


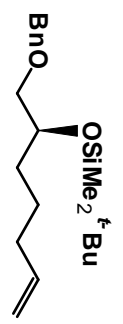




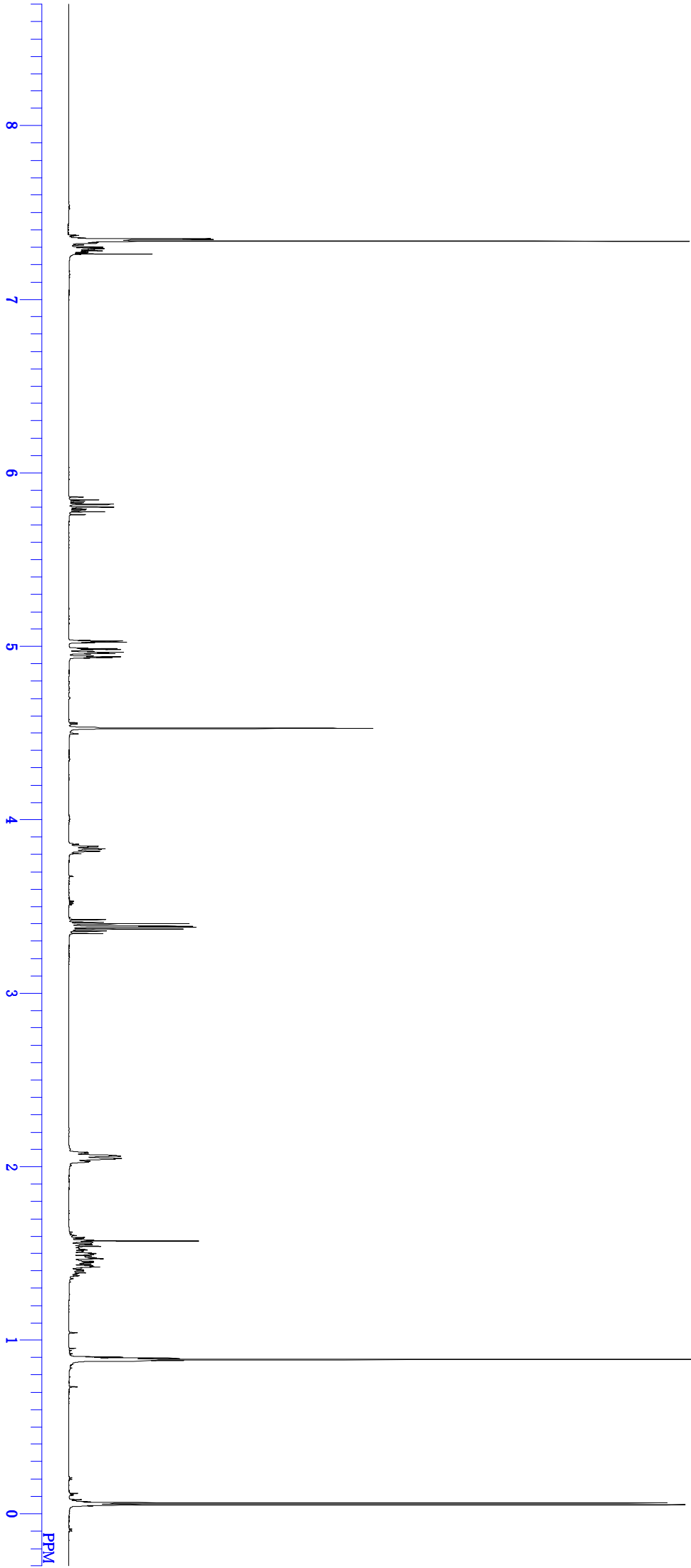
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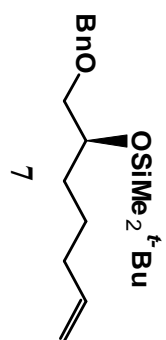


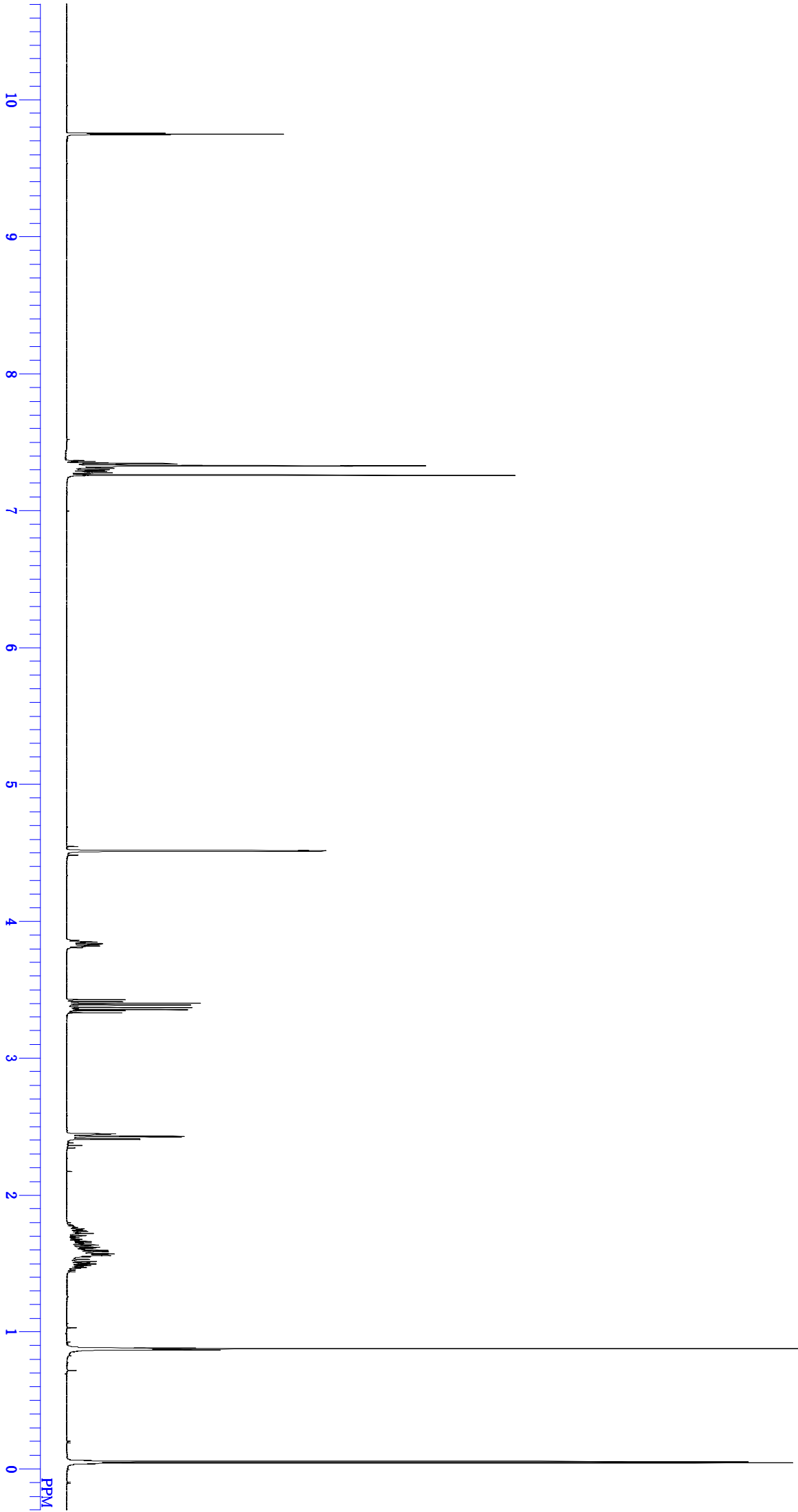
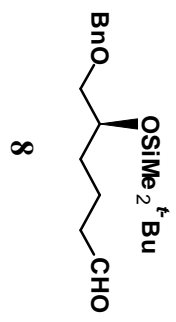


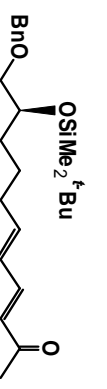


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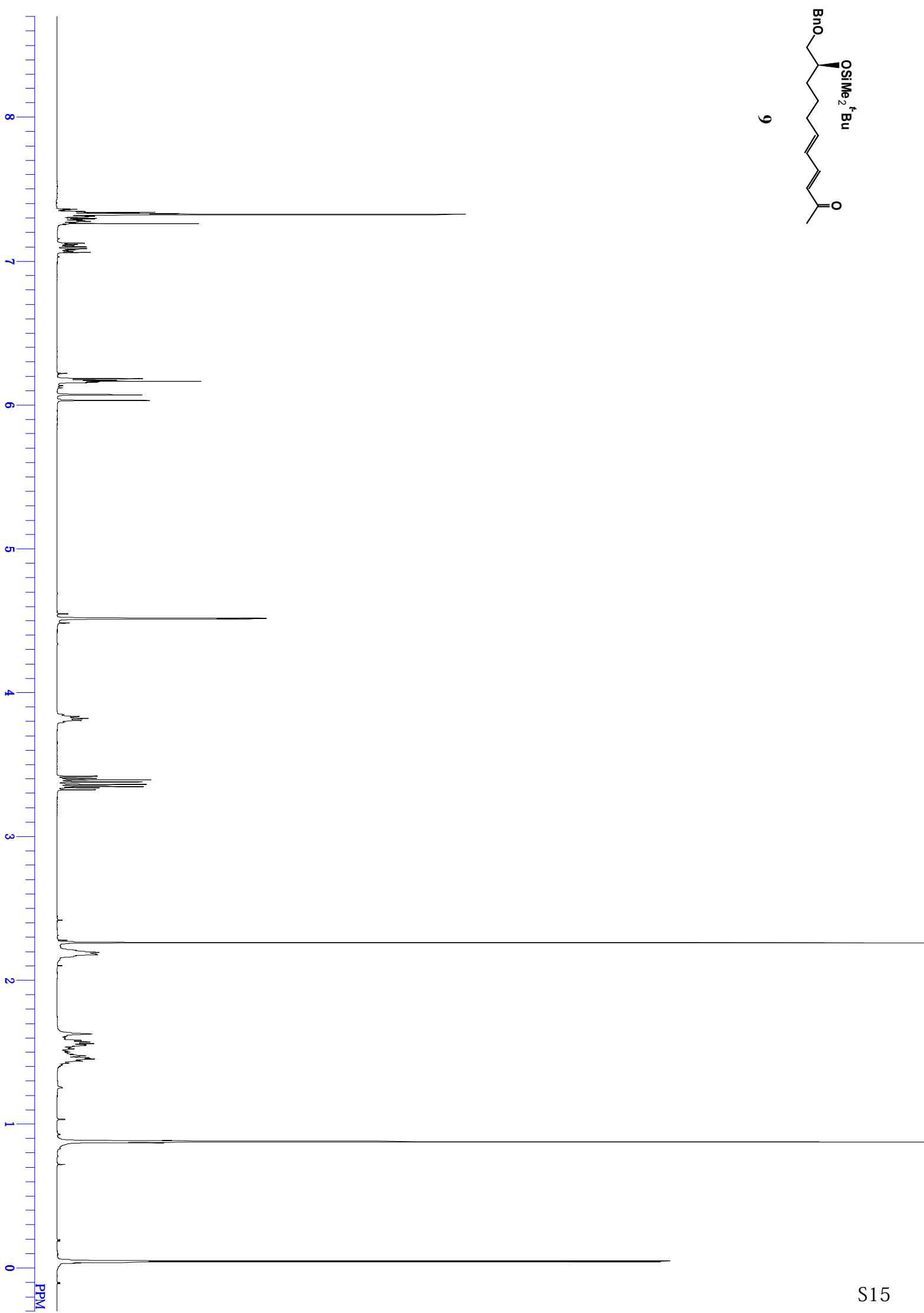


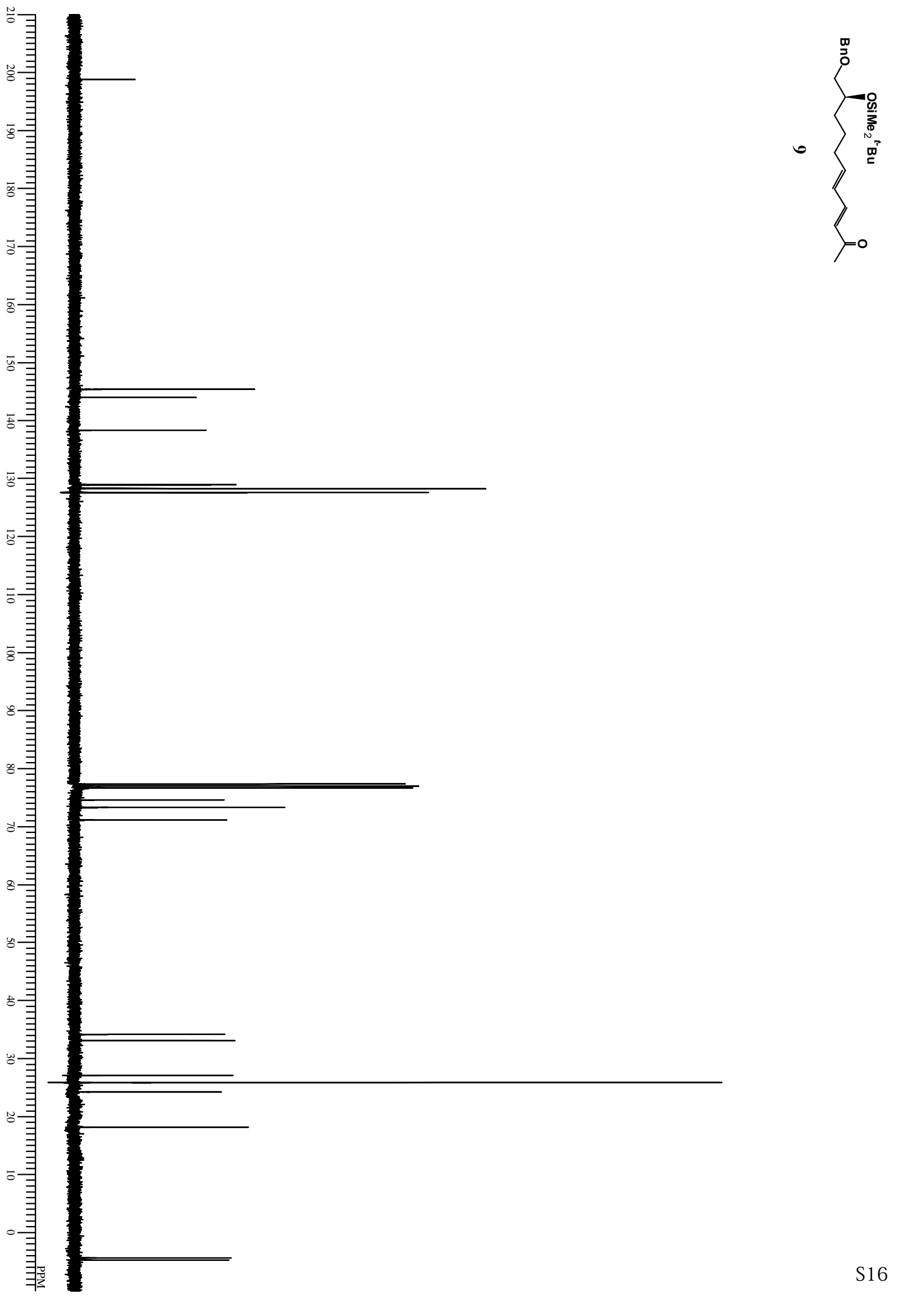
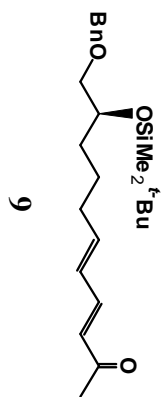


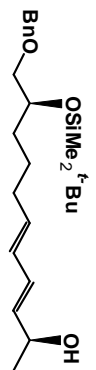




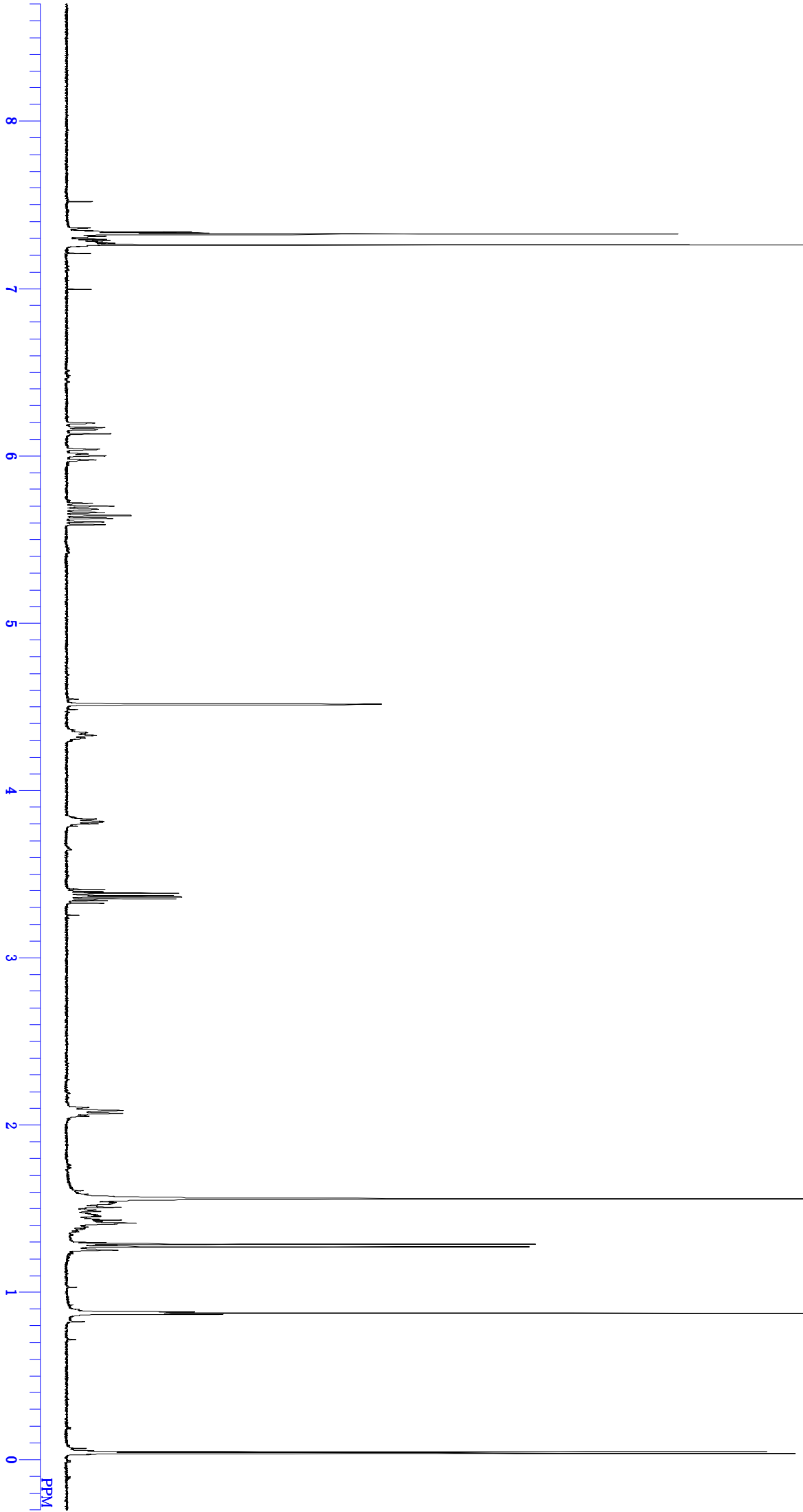
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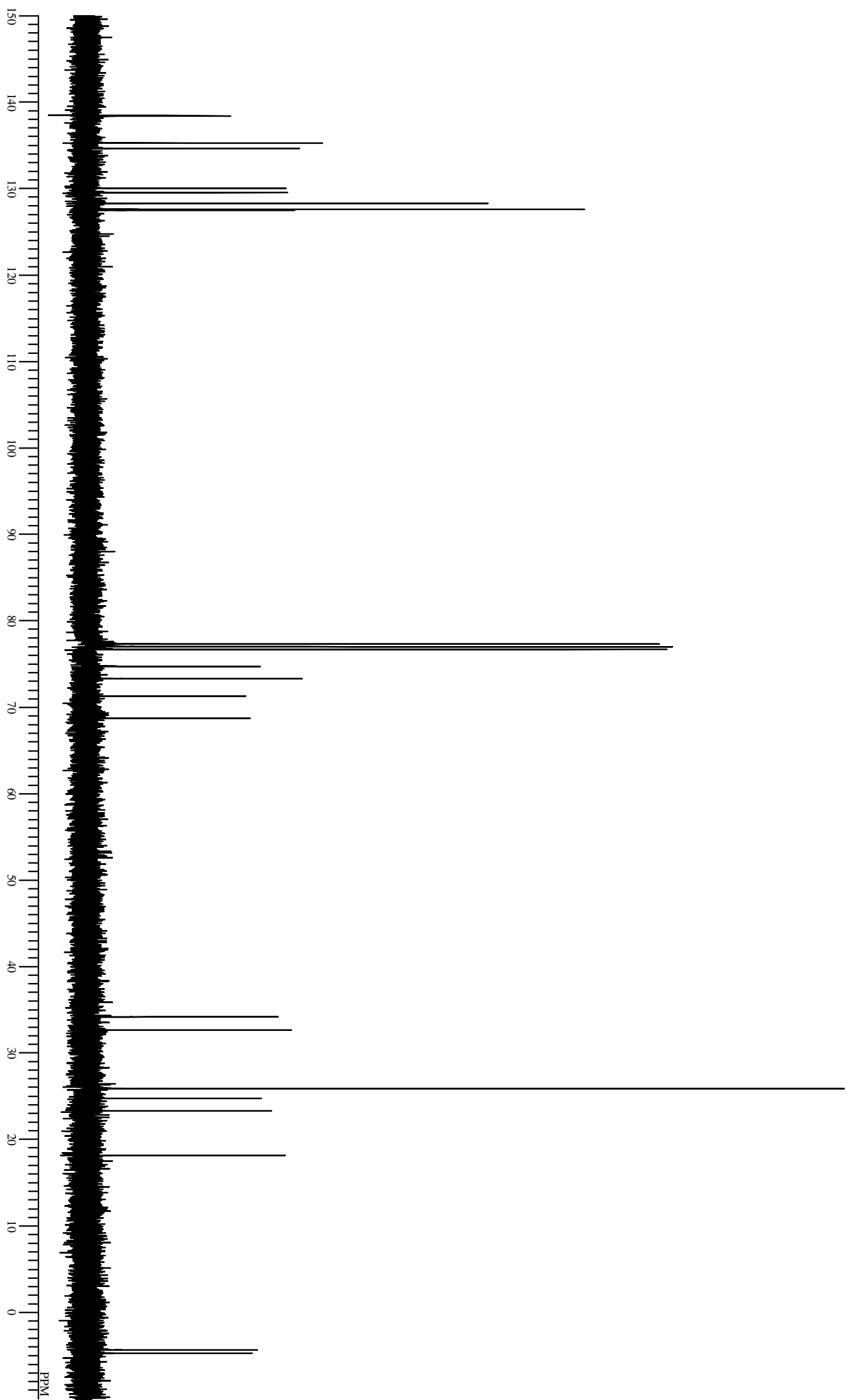
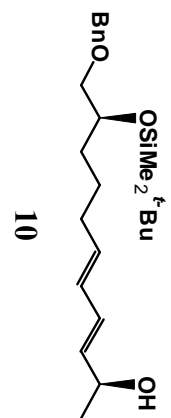


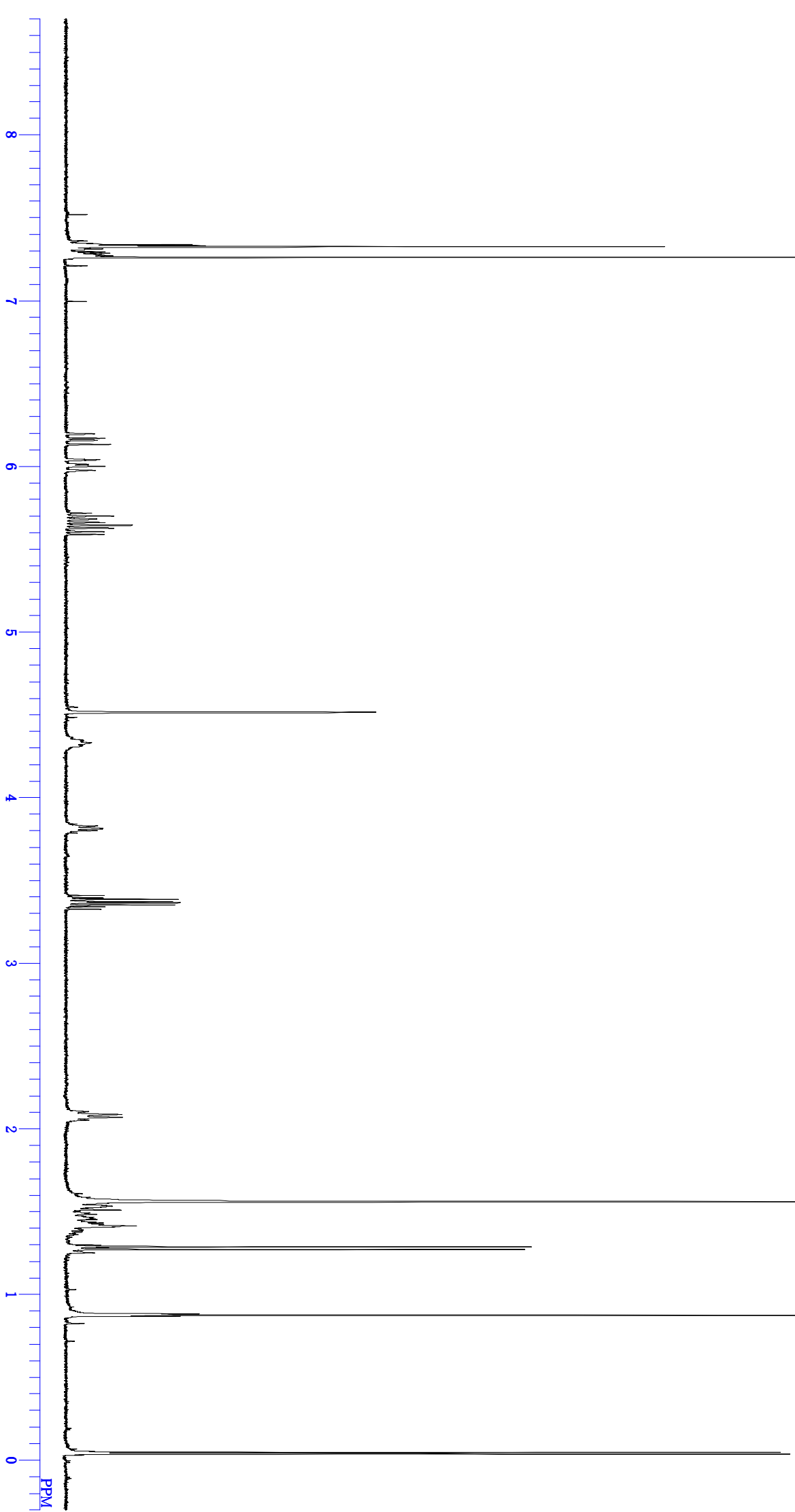
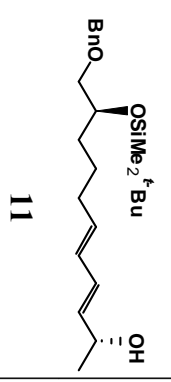


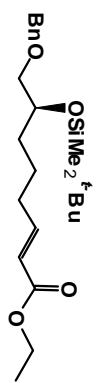


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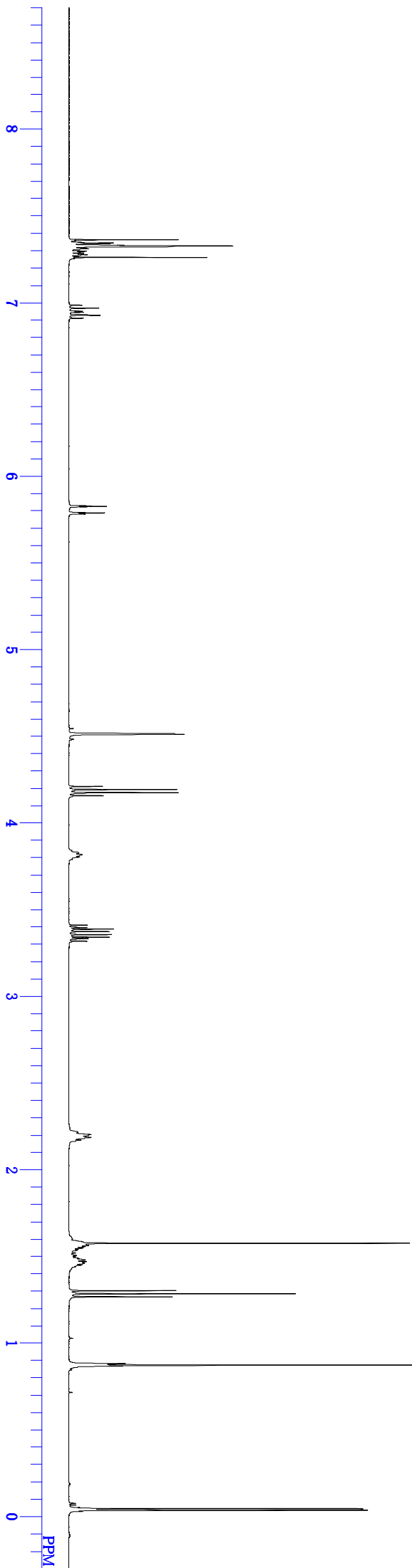


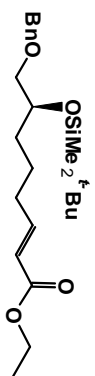




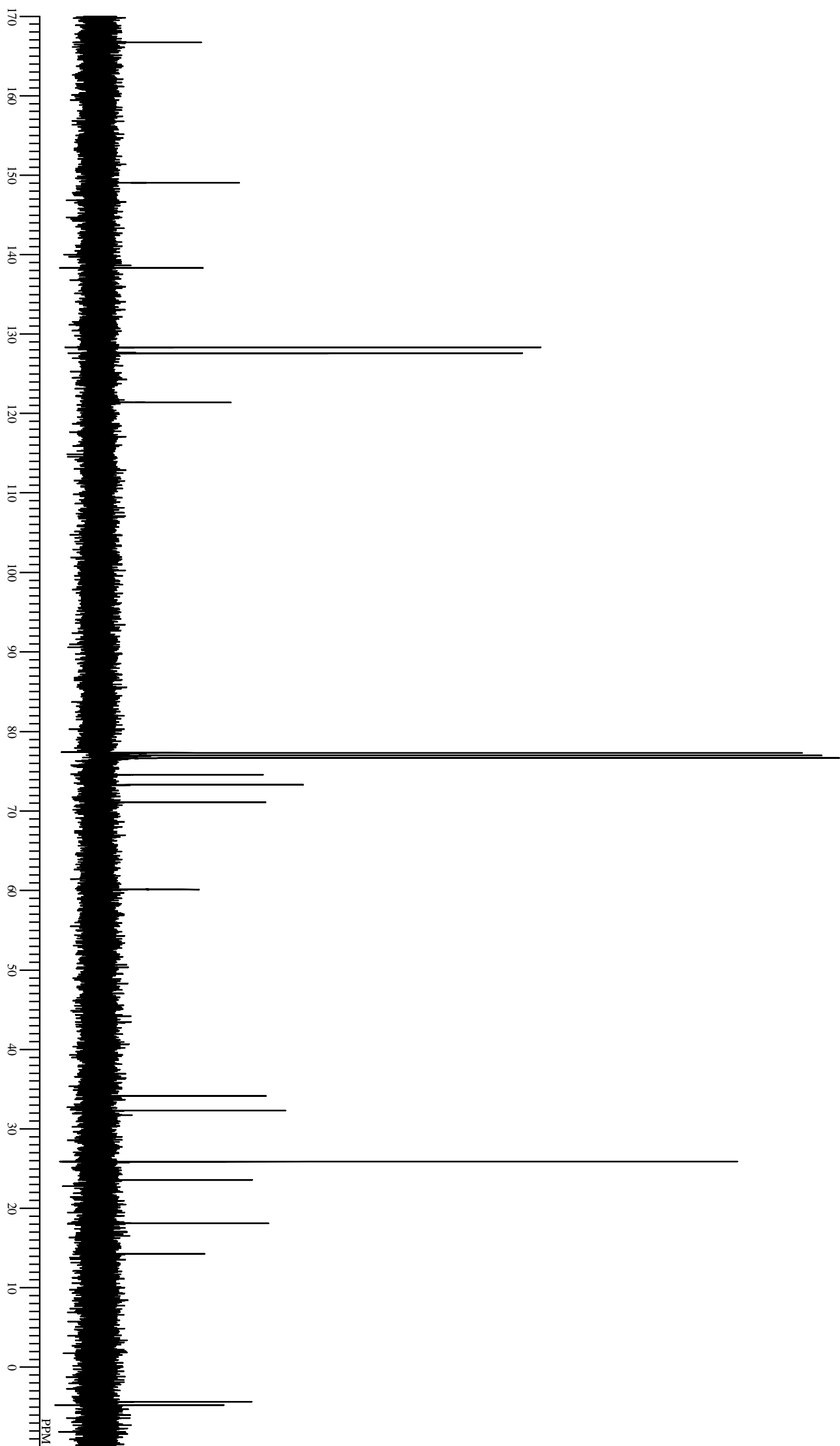


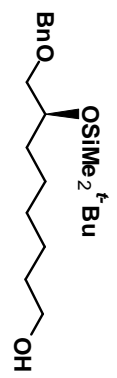
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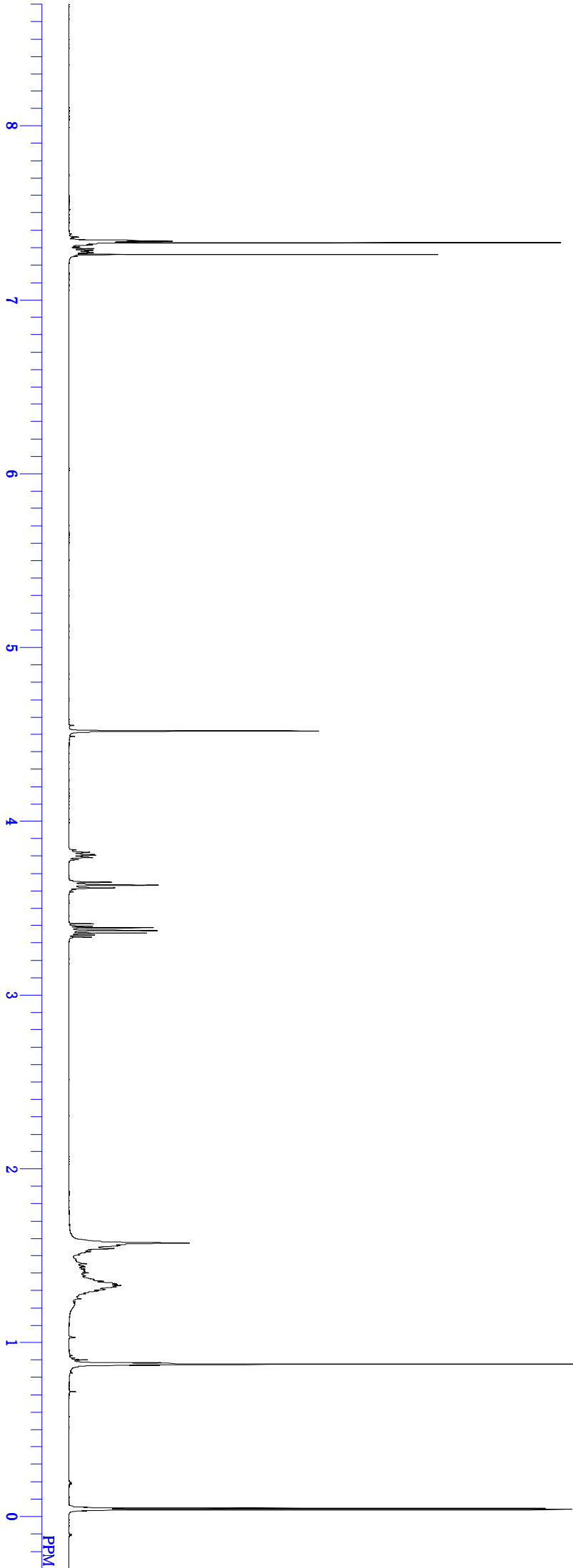


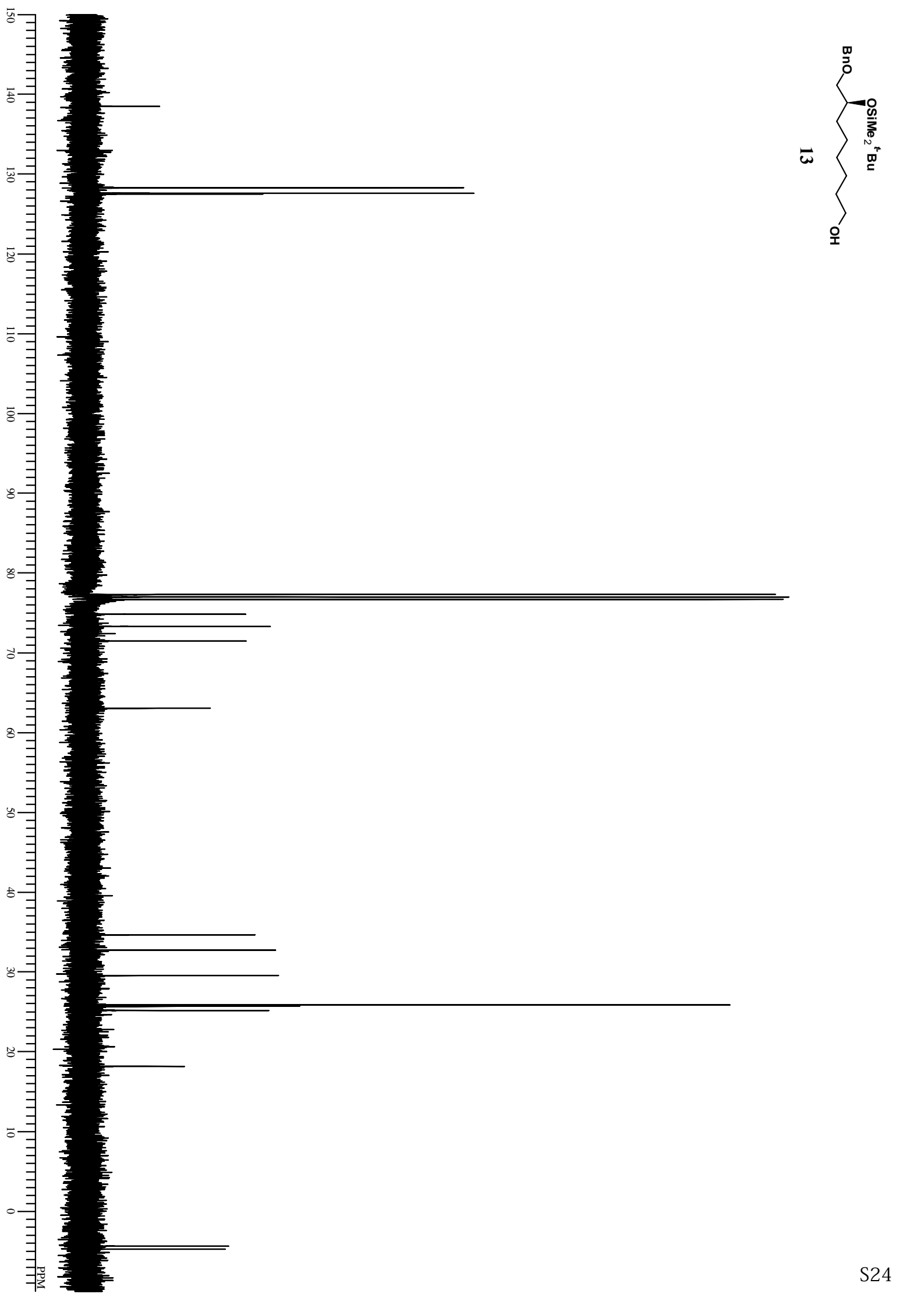
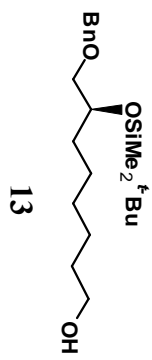
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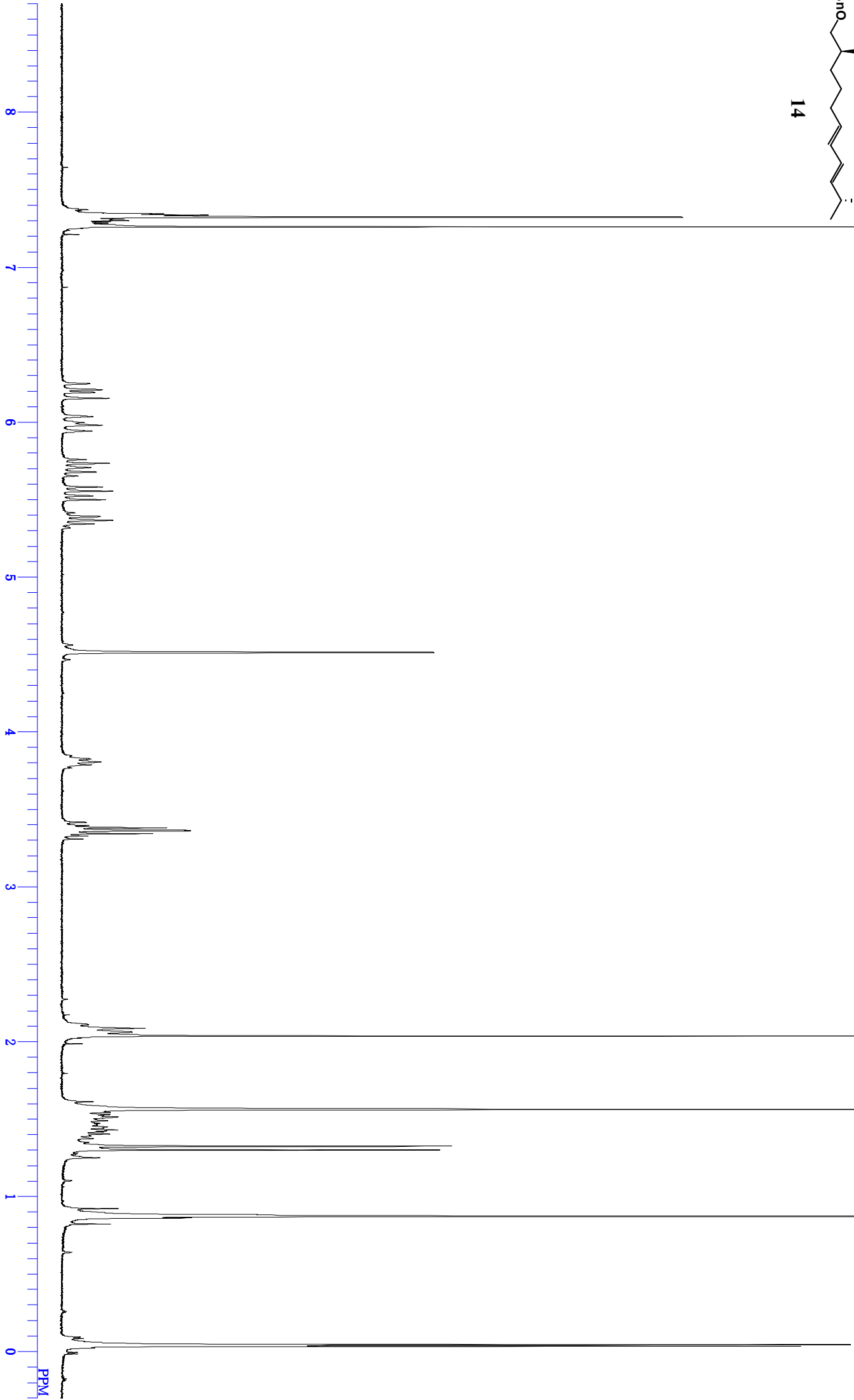
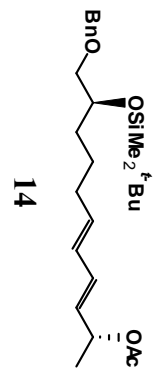


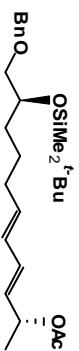


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