

Supporting Information

Isolation of Bastadin-6-*O*-Sulfate and Expedient Purifications of Bastadins-4, -5 and -6 from Extracts of *Ianthella basta*

Christopher J. Gartshore^a, Mariam N. Salib^a, August A. Renshaw^a and Tadeusz F. Molinski^{a,b*}

^aDepartment of Chemistry and Biochemistry and ^bSkaggs School of Pharmacy and Pharmaceutical Sciences, University of California, San Diego, La Jolla, California 92093-0358, USA

Table of Contents

<i>Content</i>	<i>Page</i>
Figure S1	¹ H NMR Spectrum of Bastadin-6- <i>O</i> -34-Sulfate (8) (500 MHz, CD ₃ OD)S1
Figure S2	¹³ C NMR Spectrum of 8 (125 MHz, CD ₃ OD)S2
Figure S3	HSQC Spectrum of 8 (500 MHz, CD ₃ OD)S3
Figure S4	HMBC Spectrum of 8 (500 MHz, CD ₃ OD)S4
Figure S5	¹ H NMR Spectrum of 8 (500 MHz, CD ₃ CN)S5
Figure S6	HMBC Spectrum of 8 (500 MHz, CD ₃ CN)S6
Figure S7	FTIR Spectrum of 8S7
Figure S8	EIMS Spectrum of 8S8
Figure S9	MALDI MS Spectrum of 8S9
Figure S10	UV-vis Spectra (LCMD DAD) of 4 and 5S10

Figure S1: ^1H NMR Spectrum of **8** (500 MHz, CD_3OD)

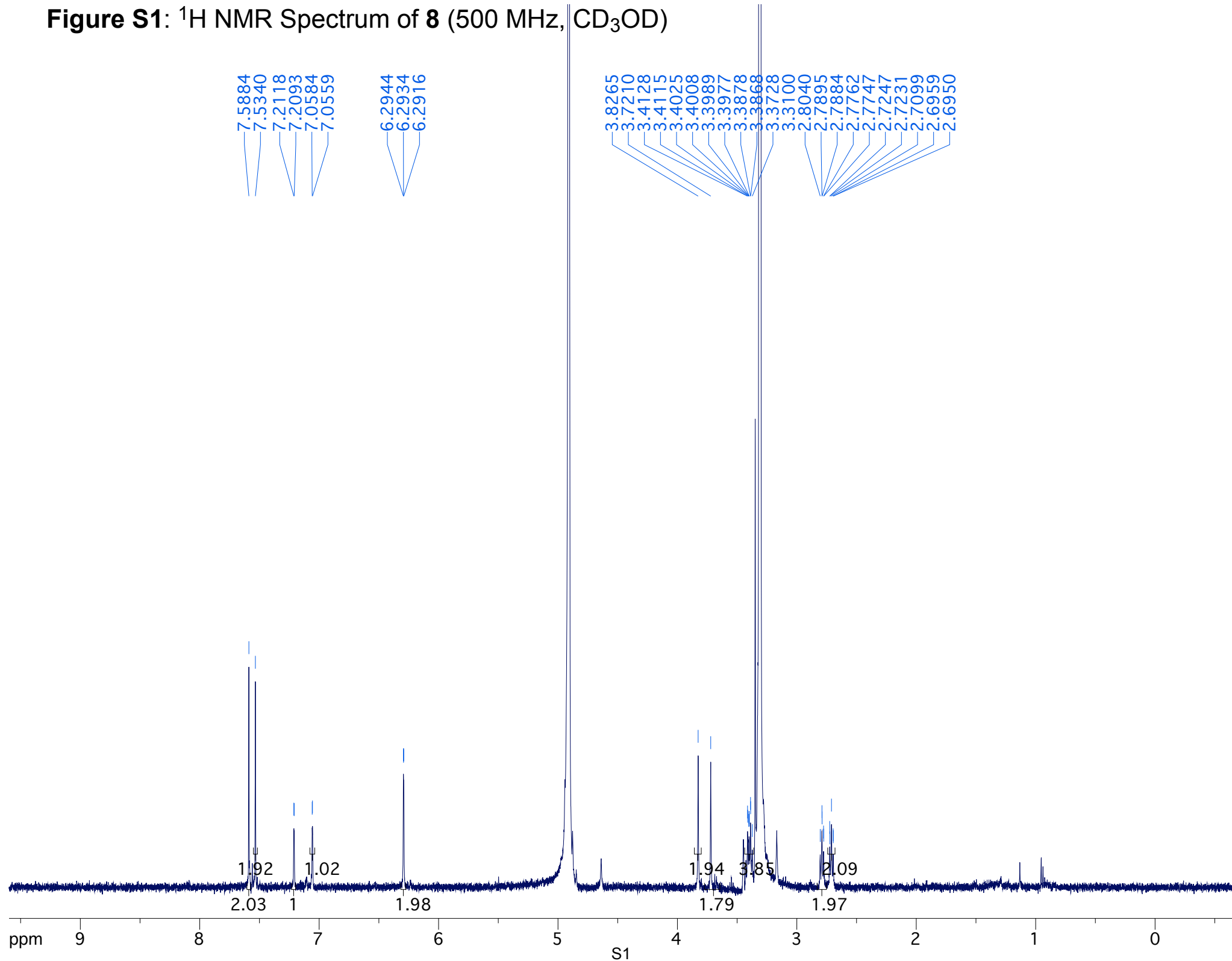


Figure S2: ^{13}C NMR Spectrum of **8** (125 MHz, CD_3OD)

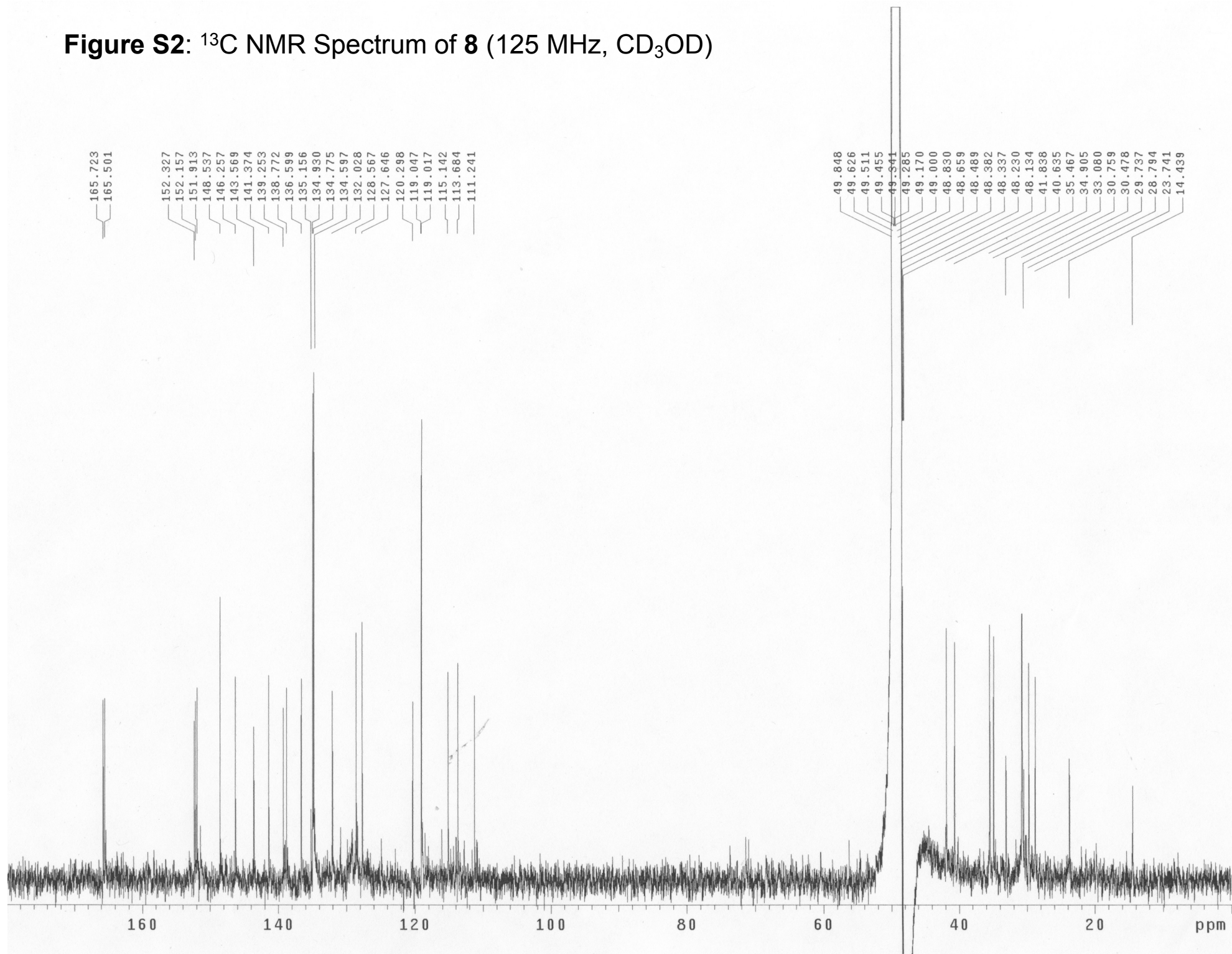


Figure S3: HSQC Spectrum of **8** (500 MHz, CD₃OD)

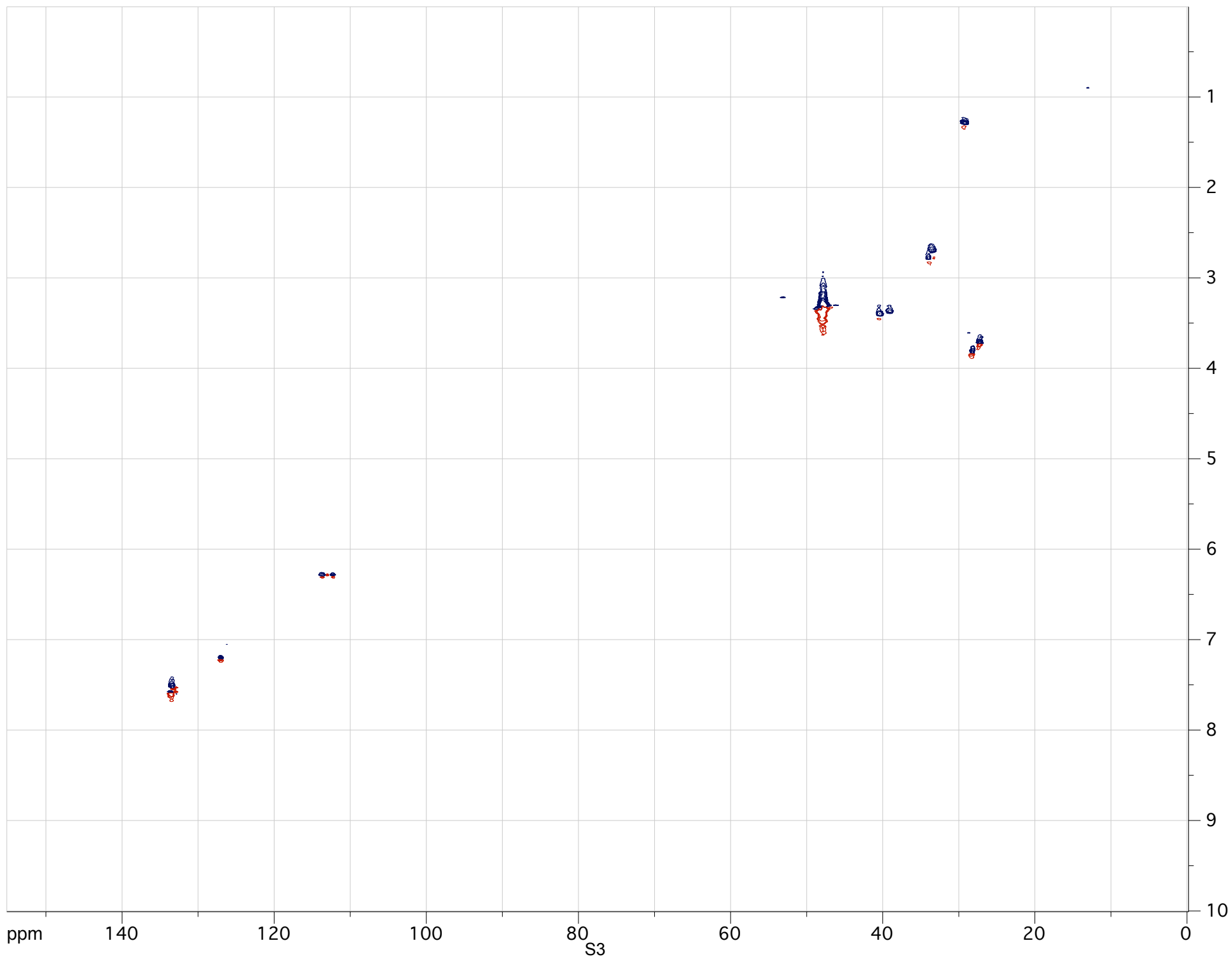


Figure S4: HMBC Spectrum of **8** (500 MHz, CD₃OD)



Figure S5: ^1H NMR Spectrum of **8** (500 MHz, CD_3CN)

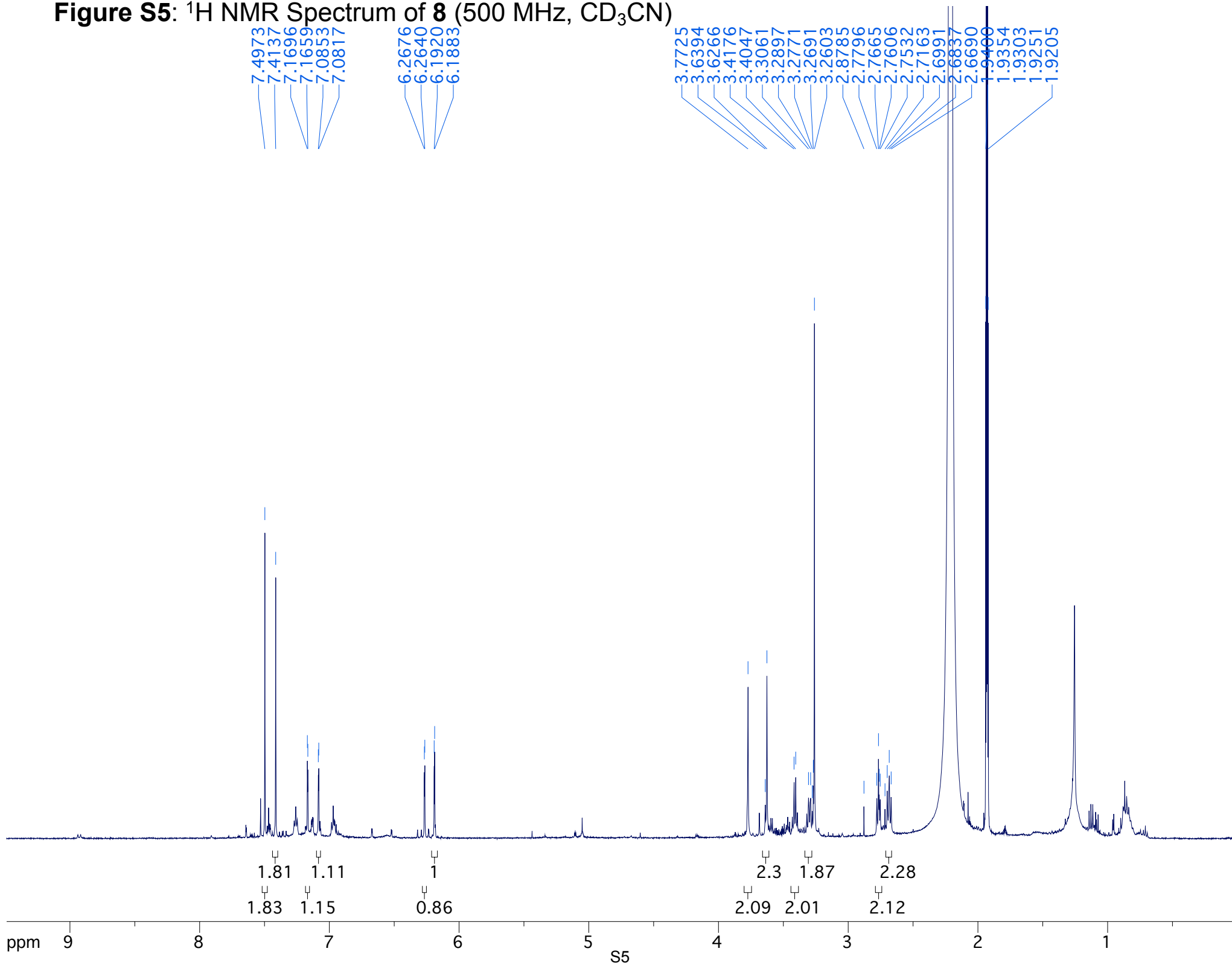


Figure S5: HMBC NMR Spectrum of **8** (500 MHz, CD₃CN)

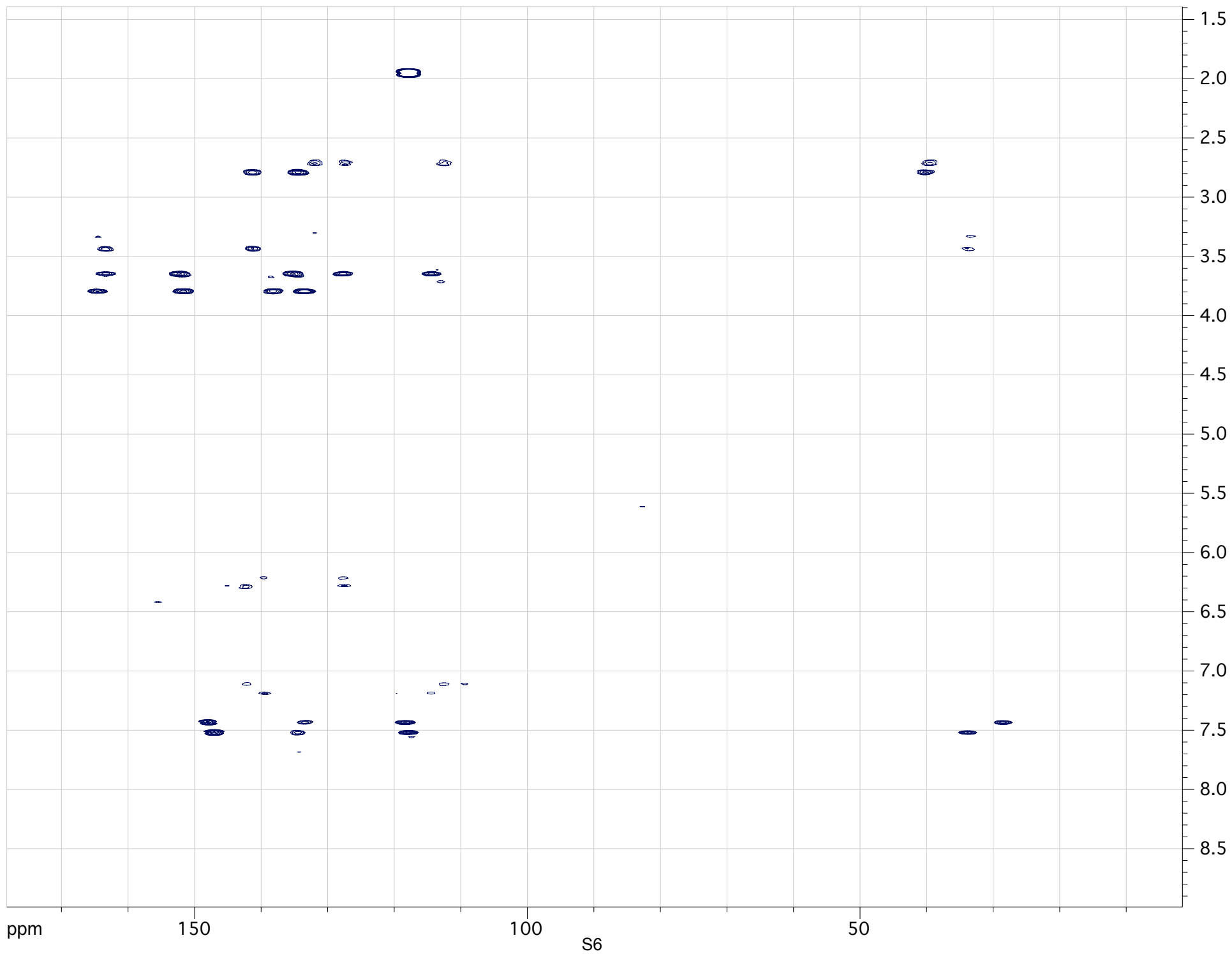


Figure S7: FTIR Spectrum of 8

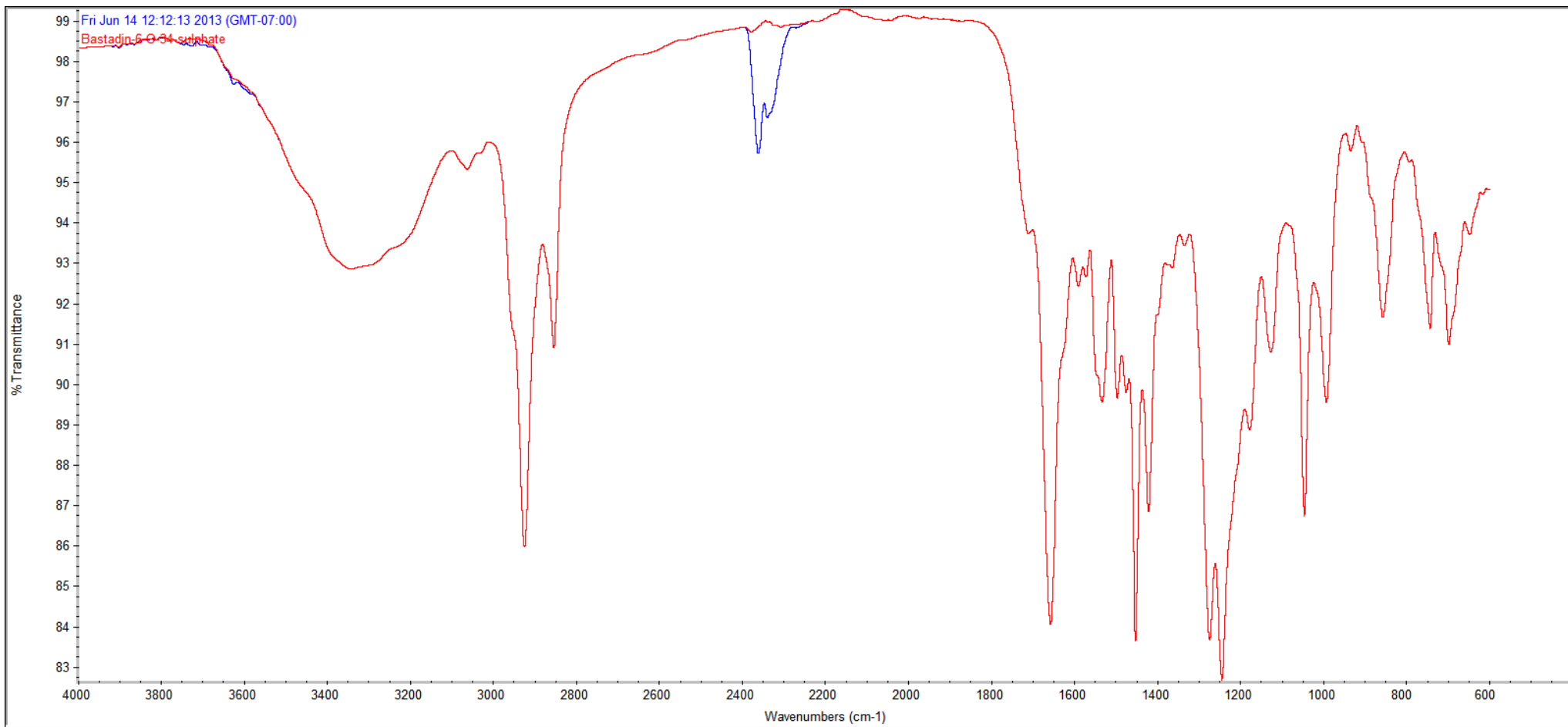


Figure S8: EIMS Spectrum of 8

05302013-9eims-a #62-73 RT: 1.33-1.57 AV: 12 SB: 3 1.10-1.14 NL: 4.90E6
T: + c EI Full ms [99.50-1200.50]

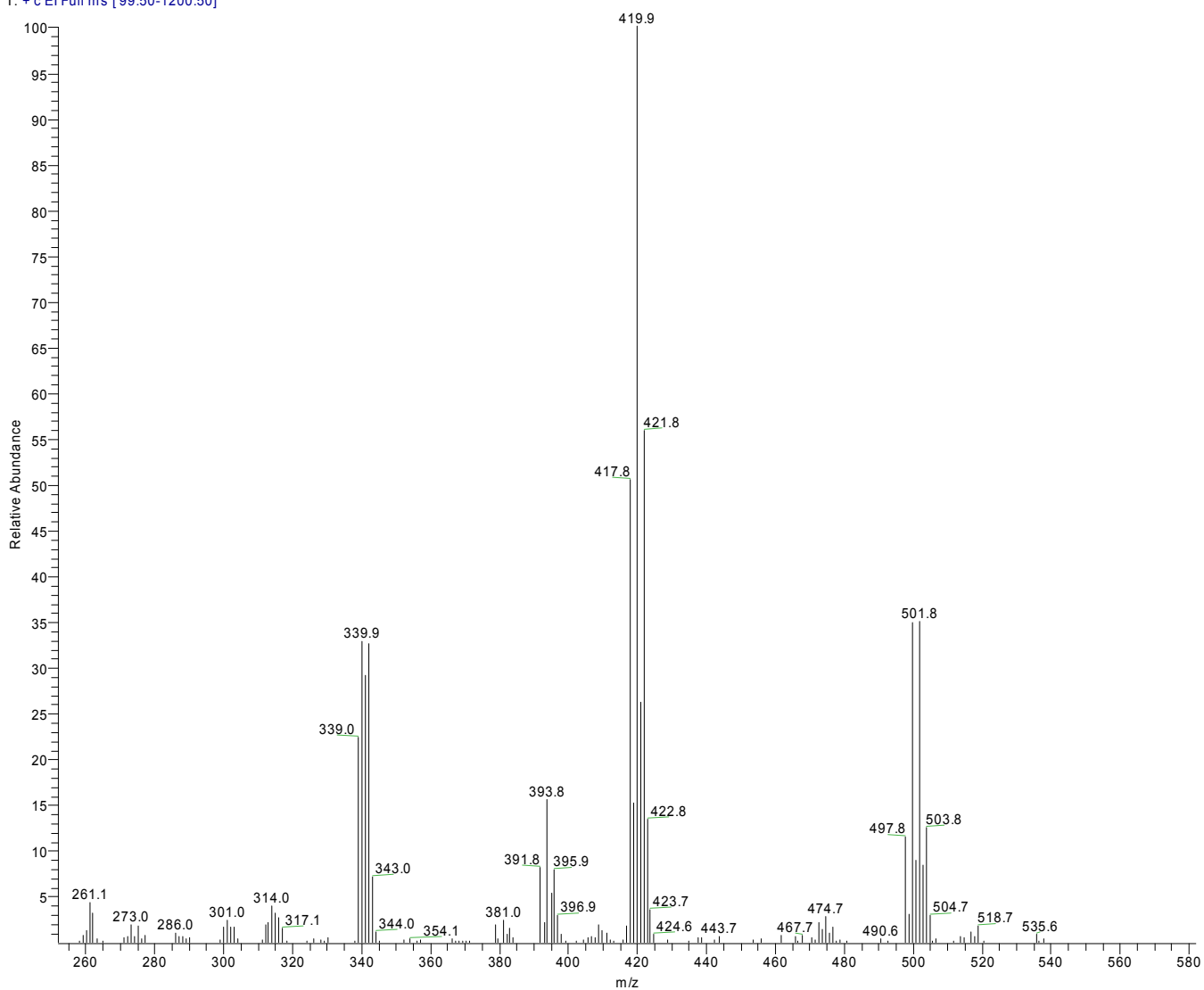


Figure S9. MALDI LRMS Spectrum of 8.

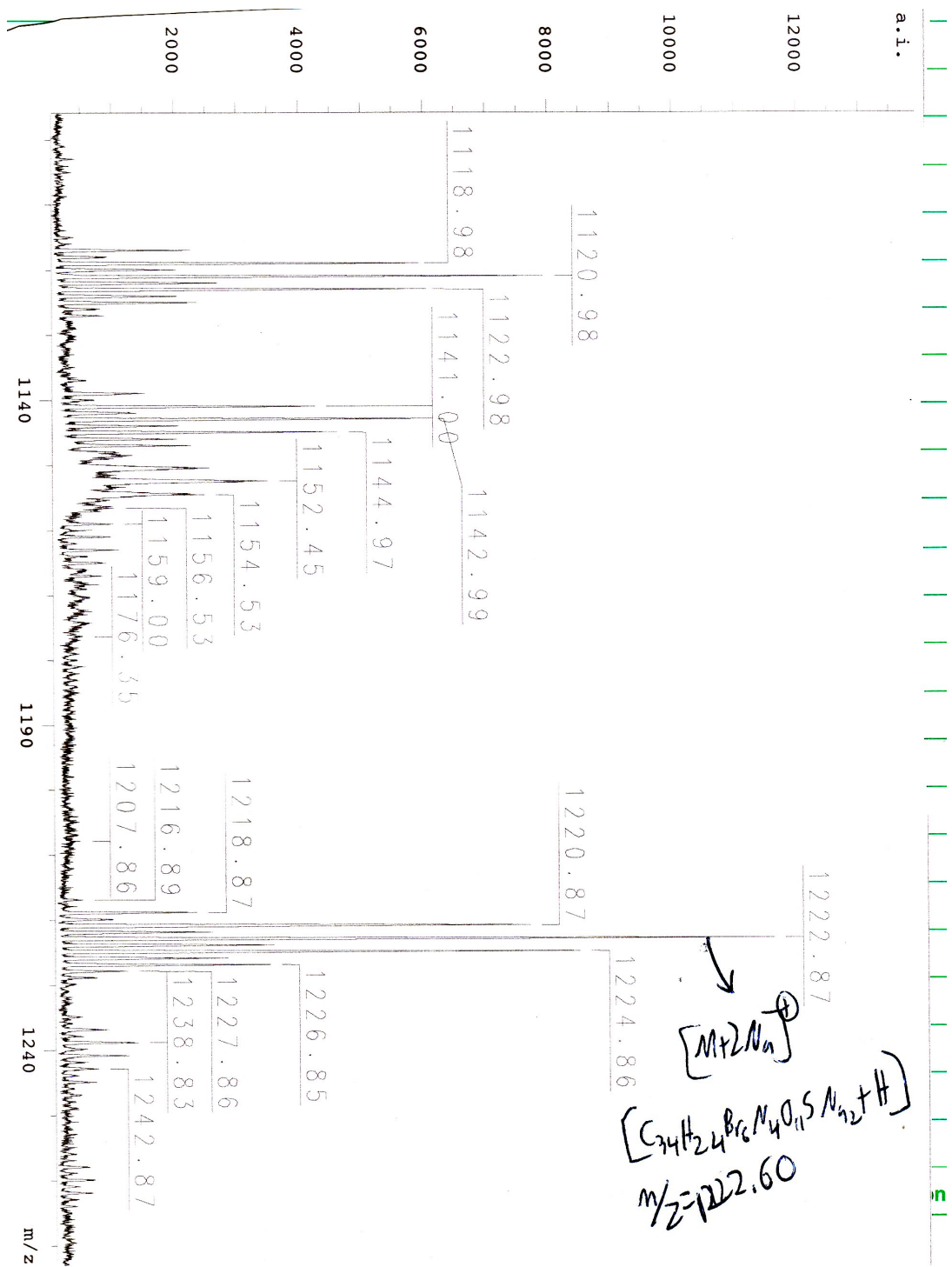
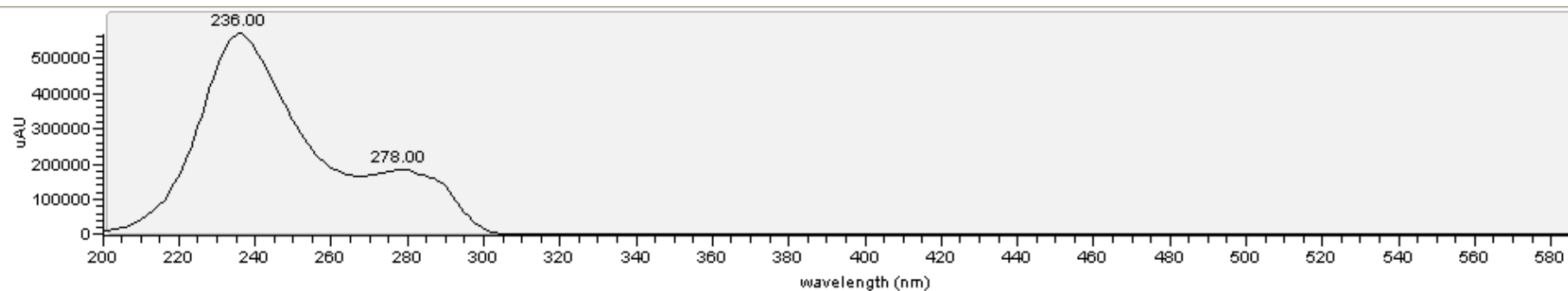


Figure S10: (a). UV-vis spectrum Bastadin-5 (**5**) from LCMS DAD detector (CH₃CN-H₂O-0.1% TFA)



(b). UV-vis spectrum Bastadin-4 (**4**) from LCMS DAD detector

