

Supporting information

Synthesis of 28a-homoselenolupanes and 28a-homoselenolupane saponins

Katarzyna Sidoryk,^{a,b} Lucie Rárová,^c Jana Oklešť'ková,^d Zbigniew Pakulski,^{*,a} Miroslav Strnad,^{*,d}
Piotr Cmoch,^a Roman Luboradzki^e

^a *Institute of Organic Chemistry, Polish Academy of Sciences, Kasprzaka 44/52, 01-224 Warsaw, Poland;*

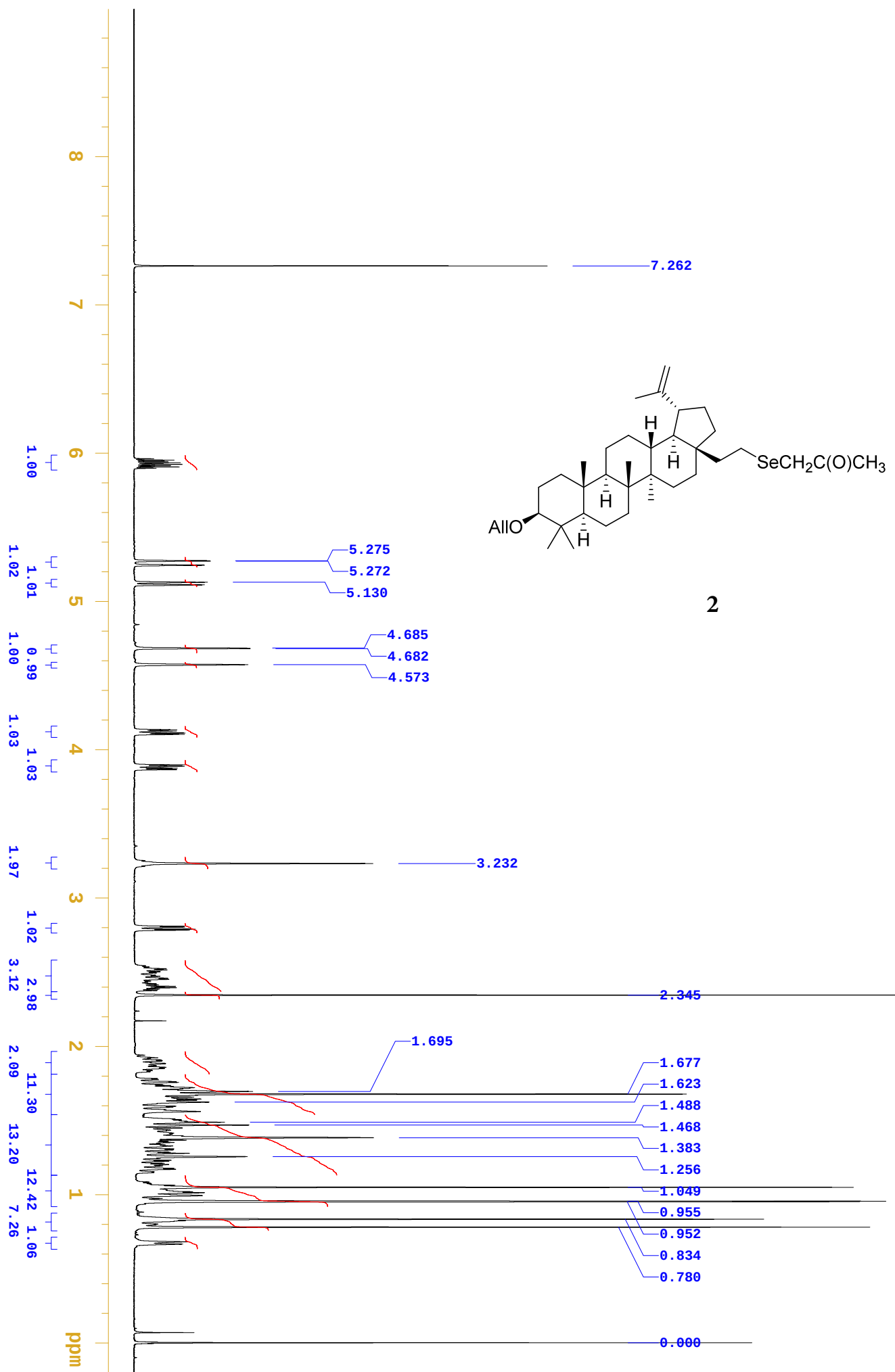
^b *Pharmaceutical Research Institute, Rydygiera 8, 01-793 Warsaw, Poland*

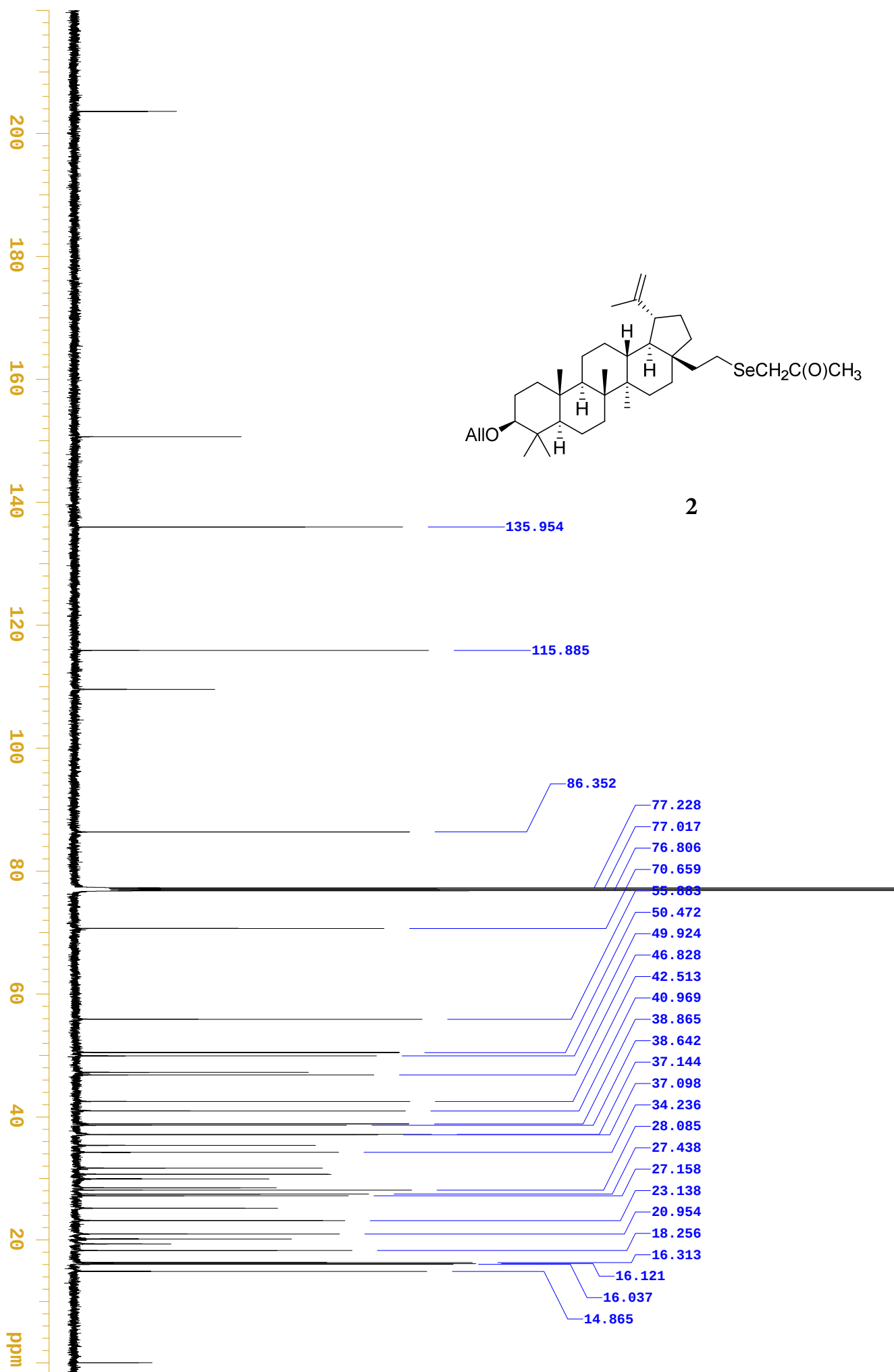
^c *Department of Chemical Biology and Genetics, Centre of the Region Haná for Biotechnological and
Agricultural Research, Palacký University, Šlechtitelů 27, 783 71 Olomouc, Czech Republic*

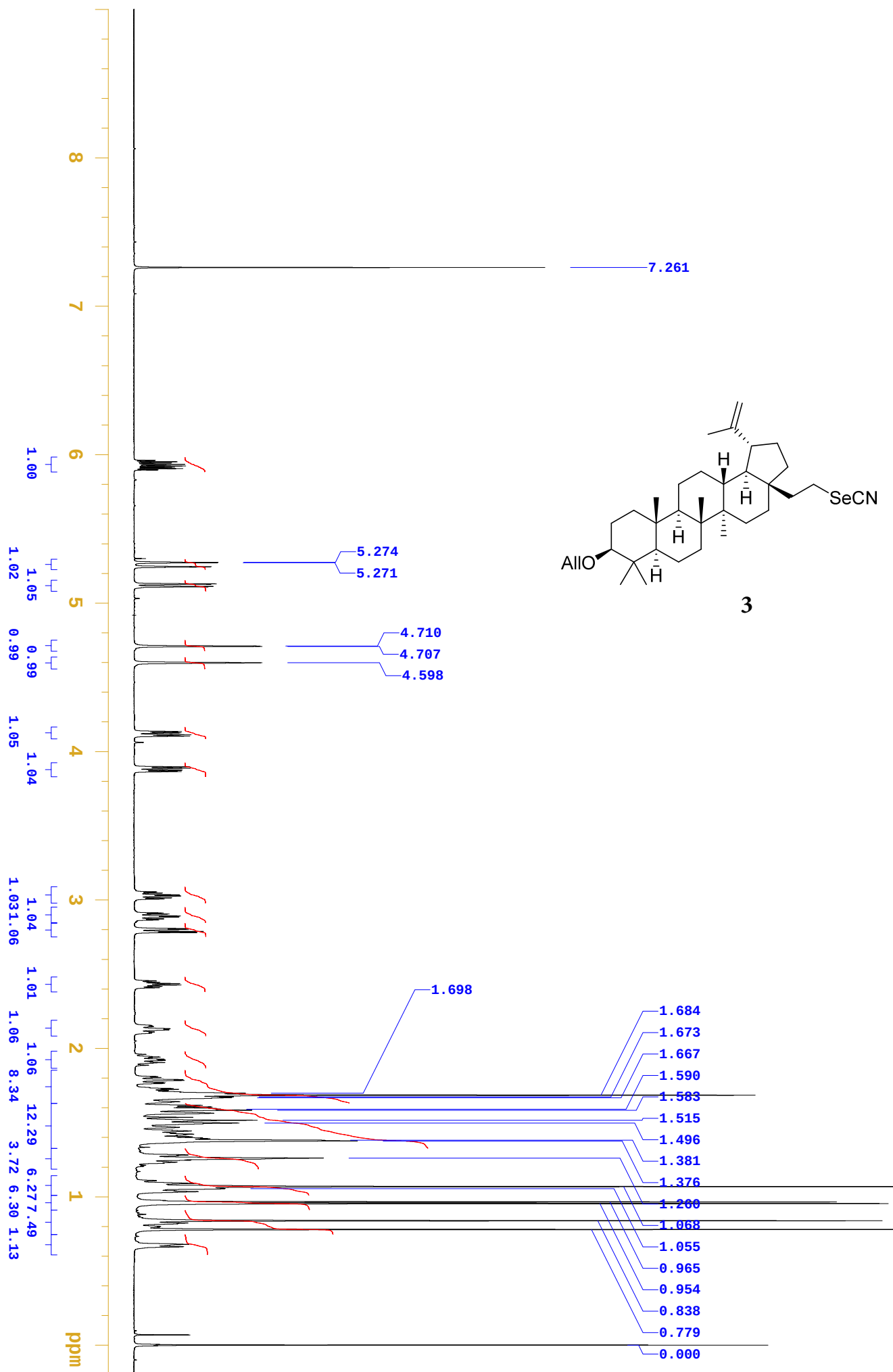
^d *Laboratory of Growth Regulators, Centre of the Region Haná for Biotechnological and Agricultural
Research, Institute of Experimental Botany ASCR & Palacký University, Šlechtitelů 27, 783 71 Olomouc,
Czech Republic*

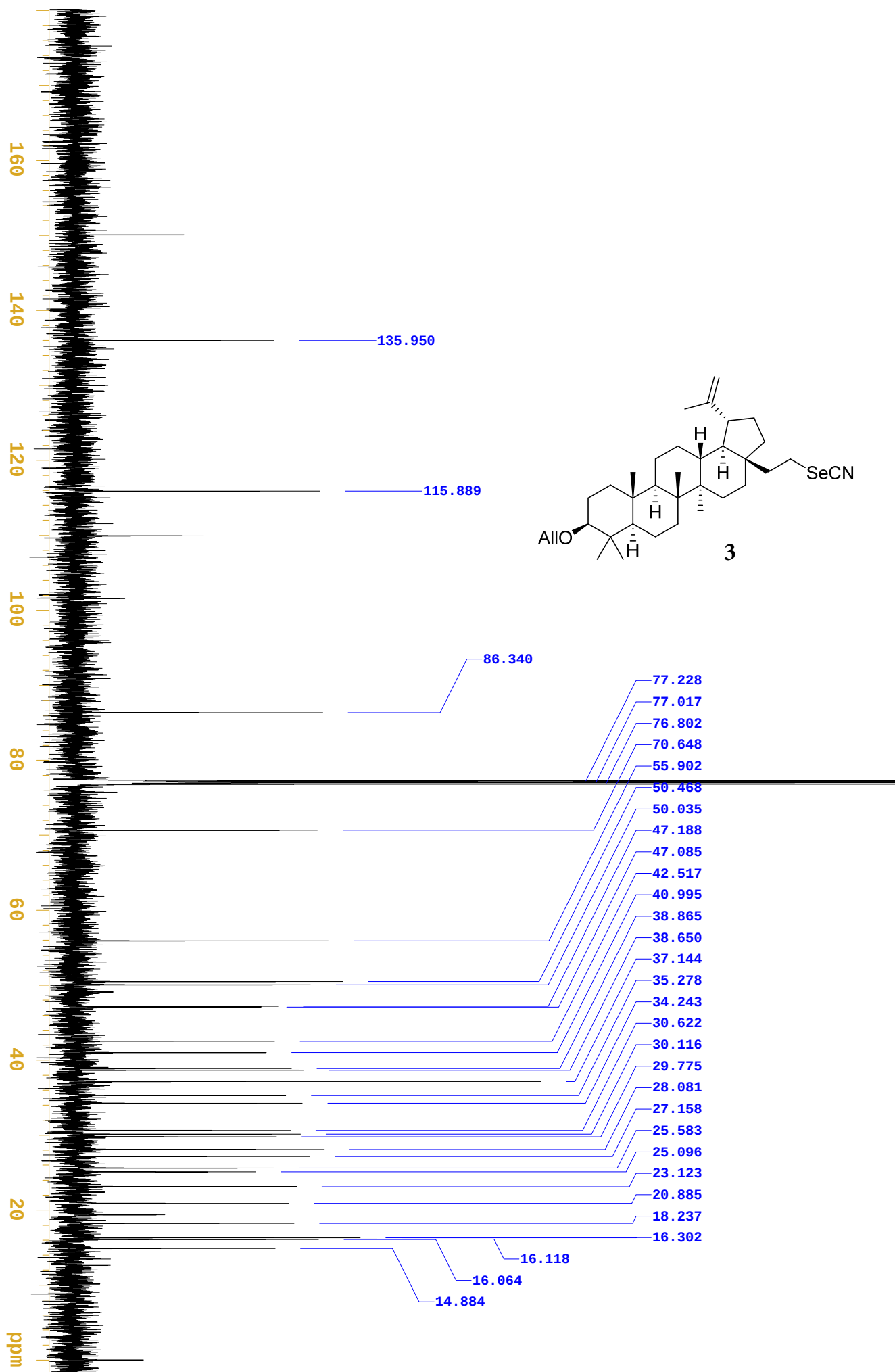
^e *Institute of Physical Chemistry, Polish Academy of Sciences, Kasprzaka 44/52, 01-224 Warsaw, Poland*

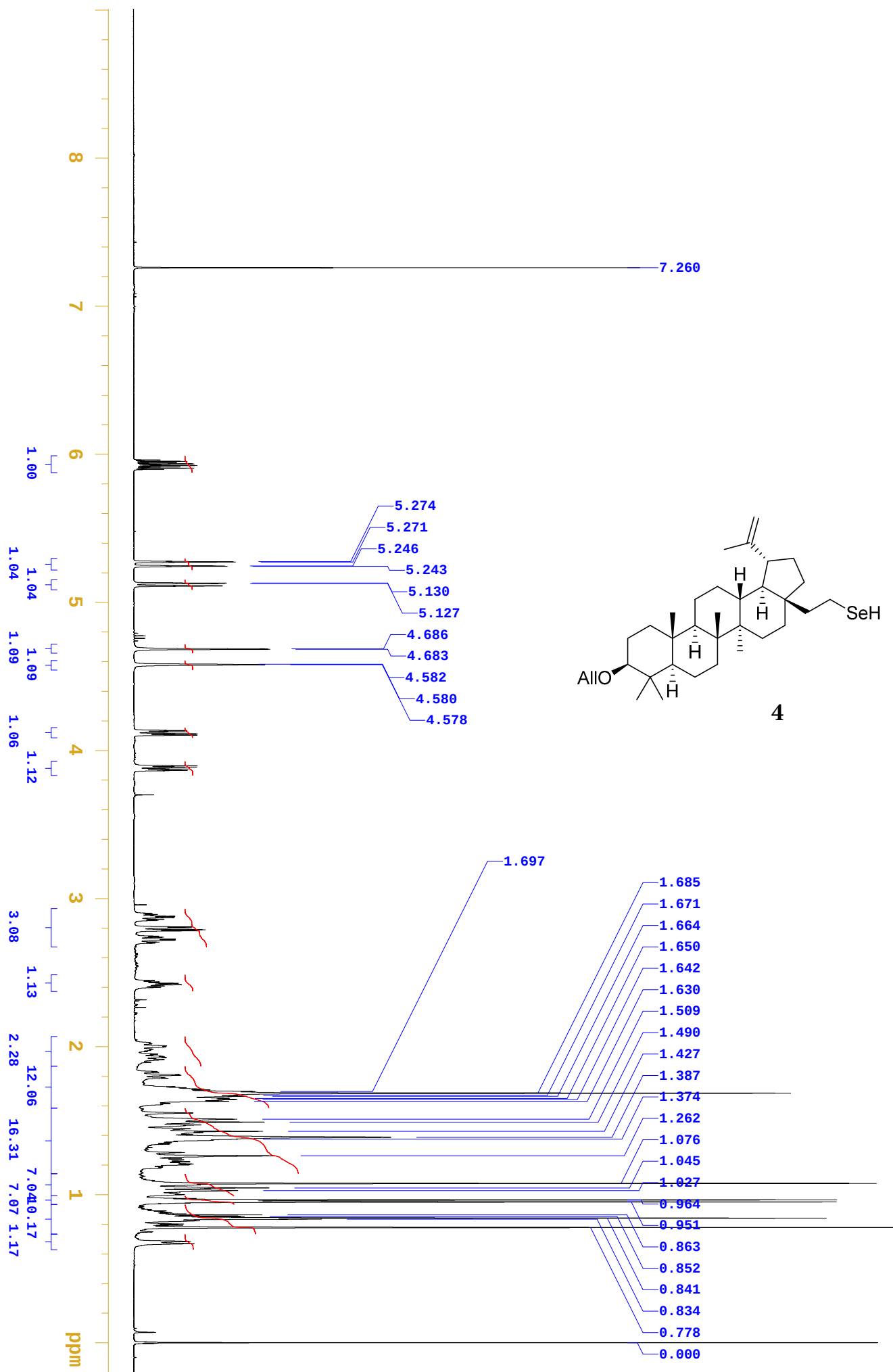
Contents	Page
¹ H and ¹³ C NMR spectra of 2	SI-3
¹ H and ¹³ C NMR spectra of 3	SI-5
¹ H and ¹³ C NMR spectra of 4	SI-7
¹ H and ¹³ C NMR spectra of 5	SI-9
¹ H and ¹³ C NMR spectra of 10	SI-11
¹ H and ¹³ C NMR spectra of 17	SI-13
¹ H and ¹³ C NMR spectra of 22	SI-15
¹ H and ¹³ C NMR spectra of 11	SI-17
¹ H and ¹³ C NMR spectra of 18	SI-19
¹ H and ¹³ C NMR spectra of 23	SI-21
¹ H and ¹³ C NMR spectra of 12	SI-23
¹ H and ¹³ C NMR spectra of 19	SI-25
¹ H and ¹³ C NMR spectra of 24	SI-27
¹ H and ¹³ C NMR spectra of 13	SI-29
¹ H and ¹³ C NMR spectra of 20	SI-31
¹ H and ¹³ C NMR spectra of 25	SI-33
¹ H and ¹³ C NMR spectra of 14	SI-35
¹ H and ¹³ C NMR spectra of 15	SI-37
¹ H and ¹³ C NMR spectra of 21	SI-39
¹ H and ¹³ C NMR spectra of 26	SI-41
¹ H and ¹³ C NMR spectra of 16	SI-43
¹ H and ¹³ C NMR spectra of 27	SI-45
¹ H and ¹³ C NMR spectra of 28	SI-47

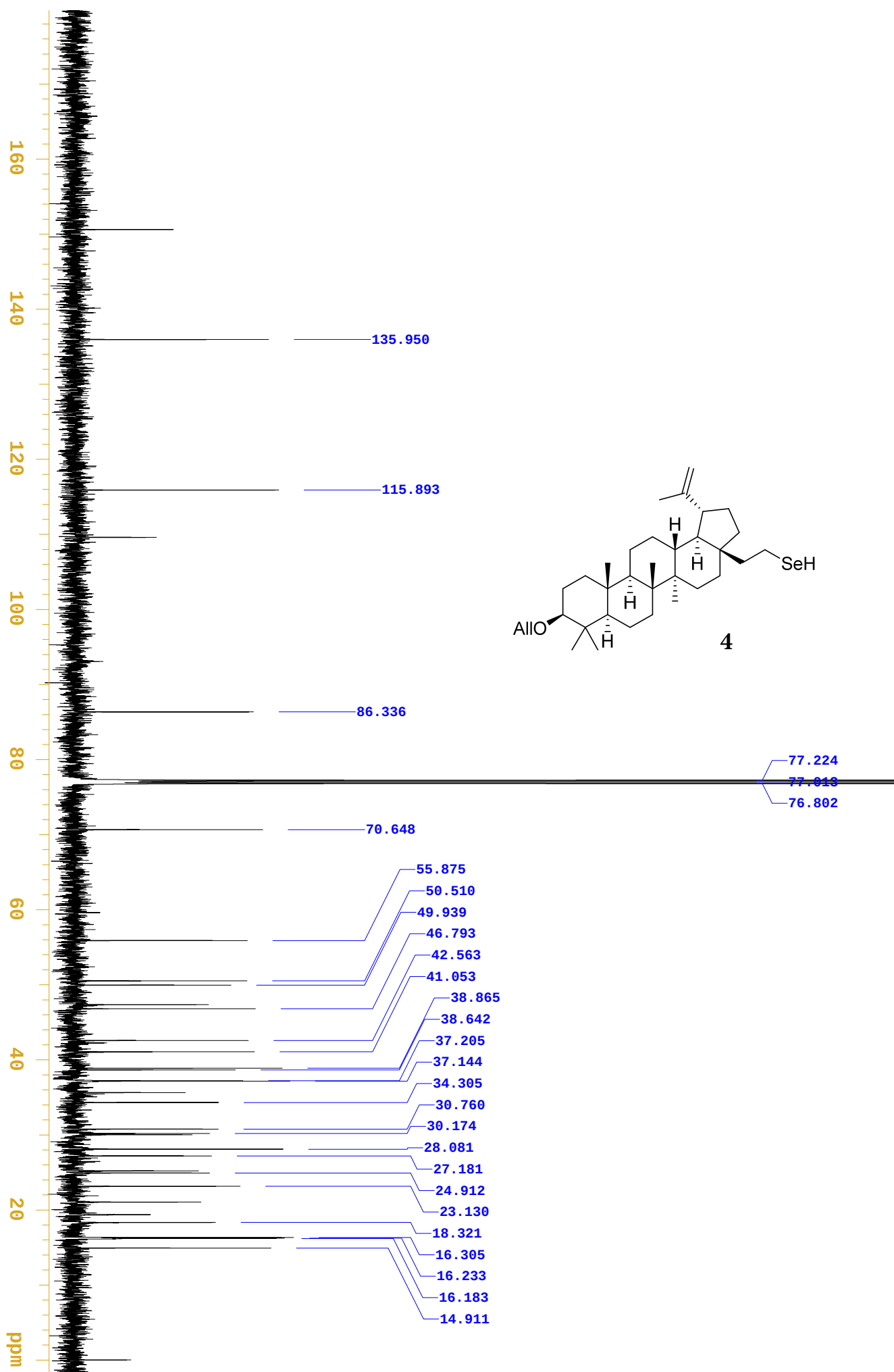


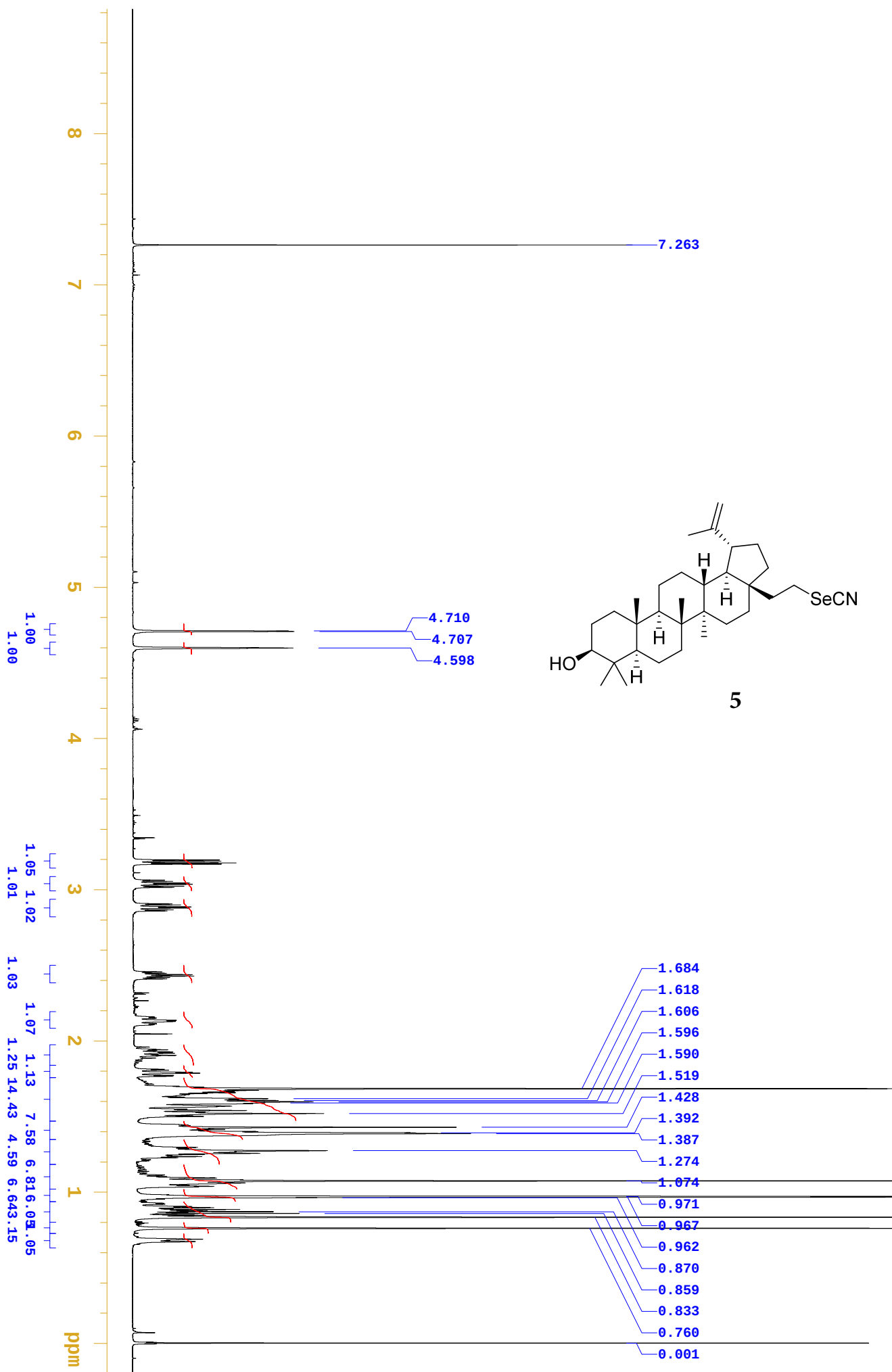


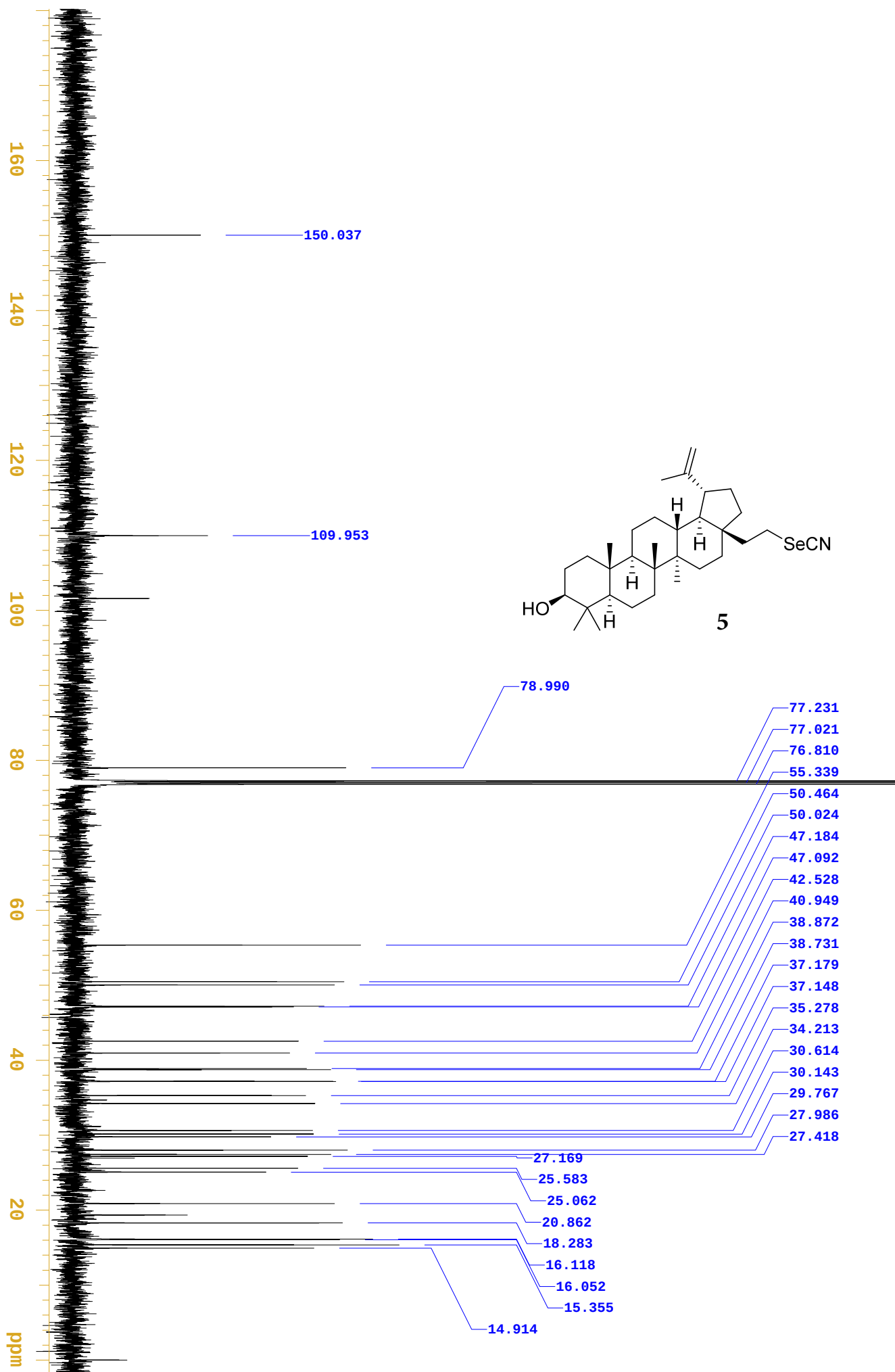


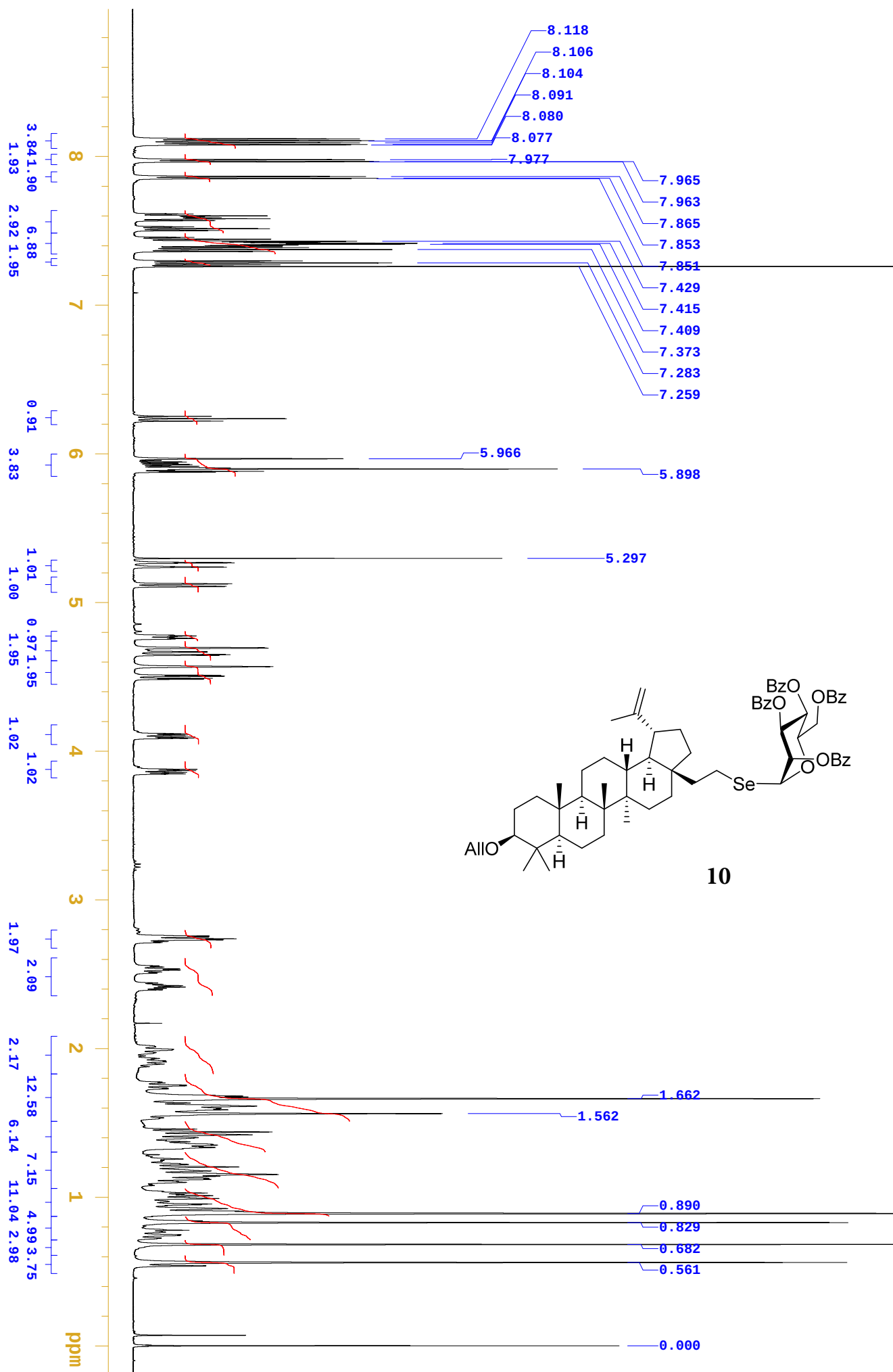


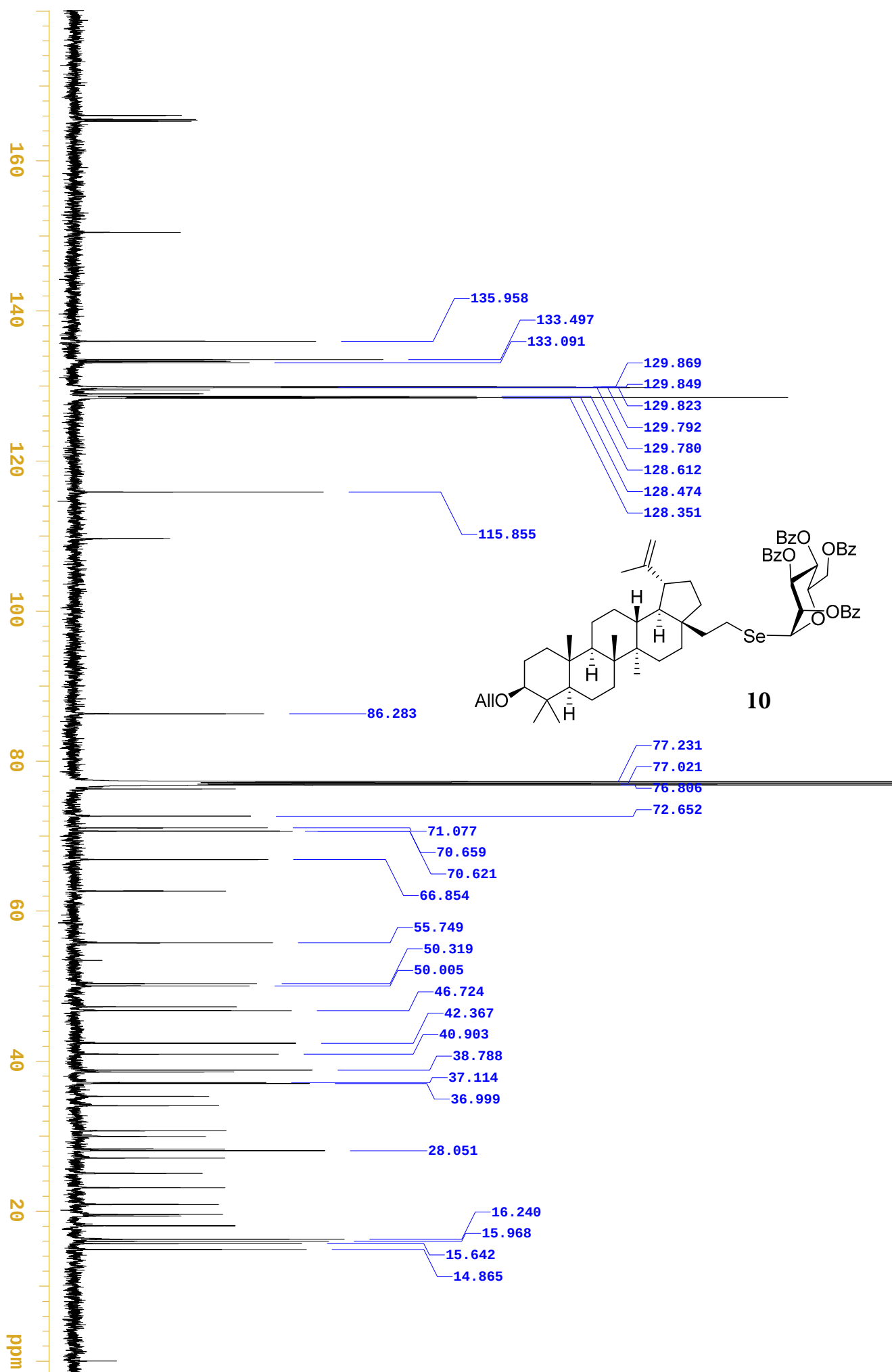


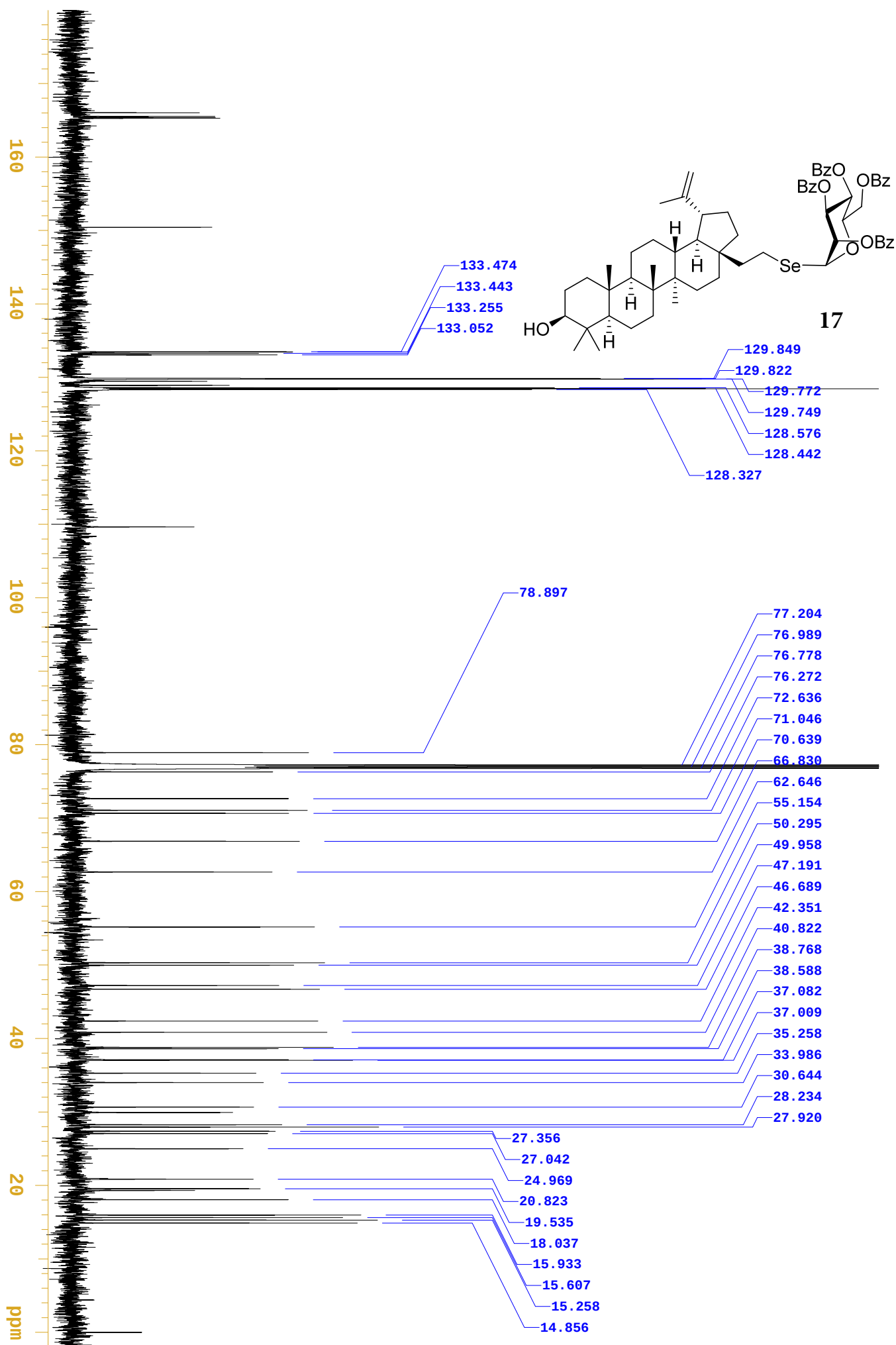


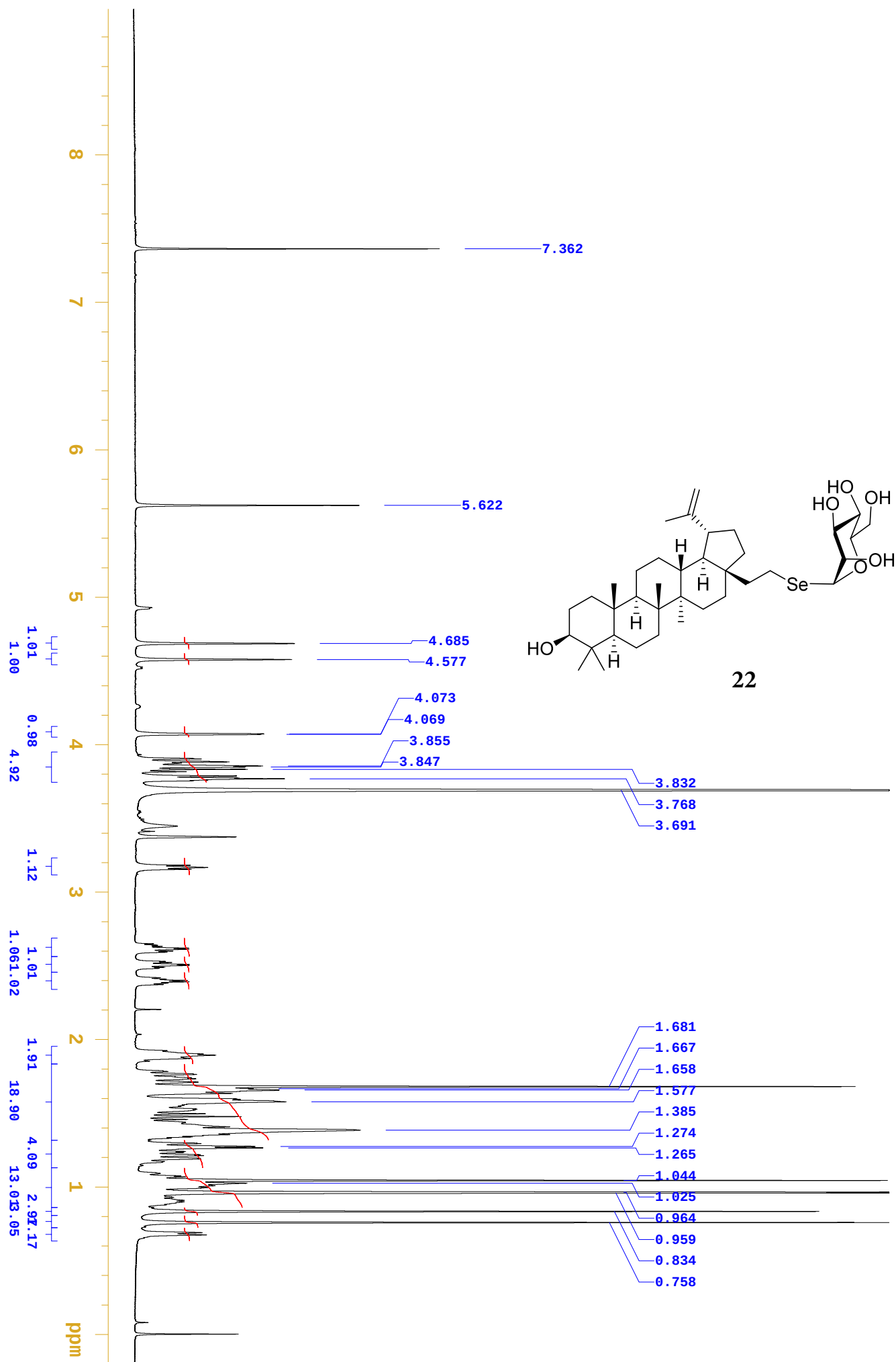


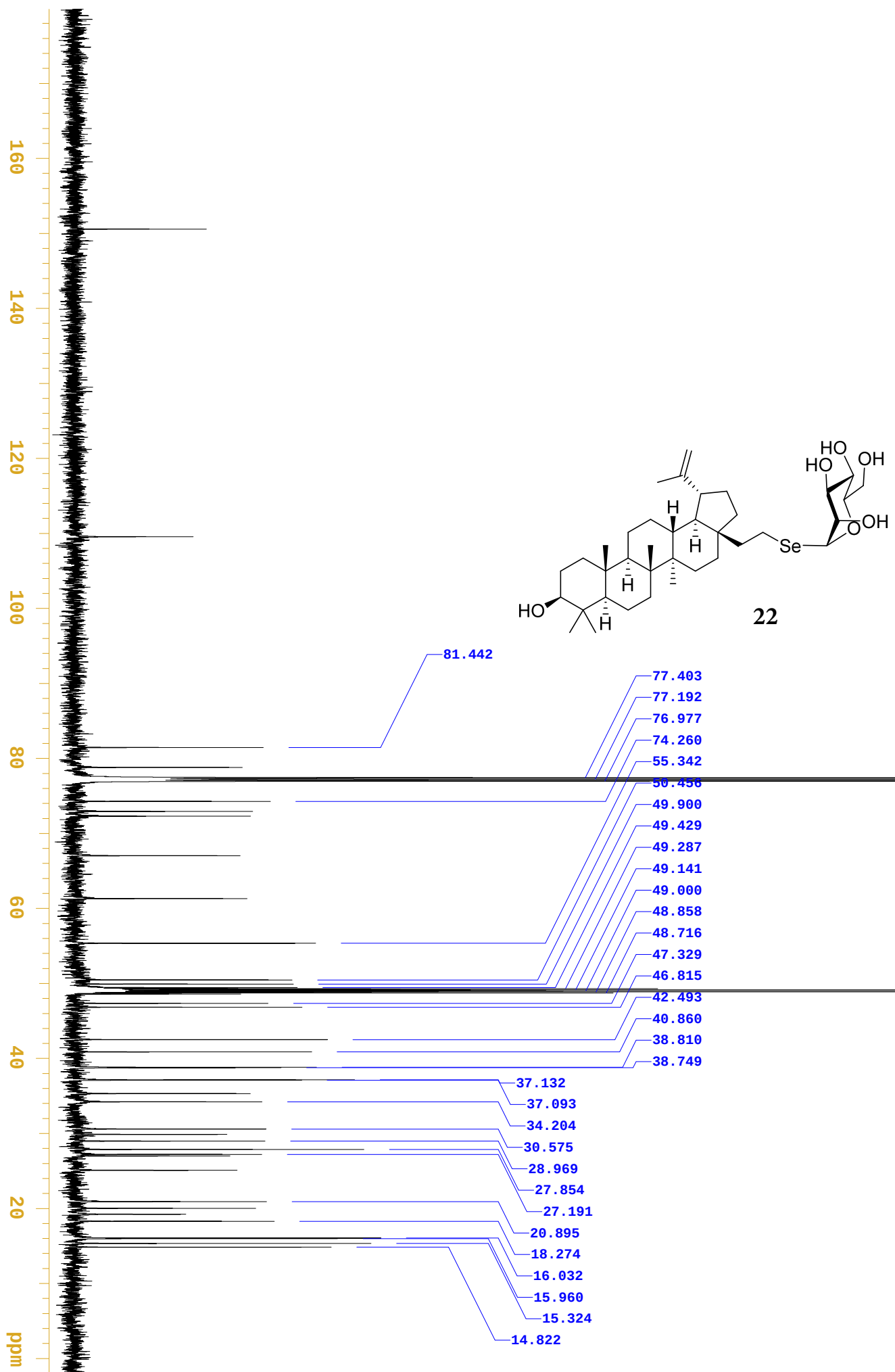


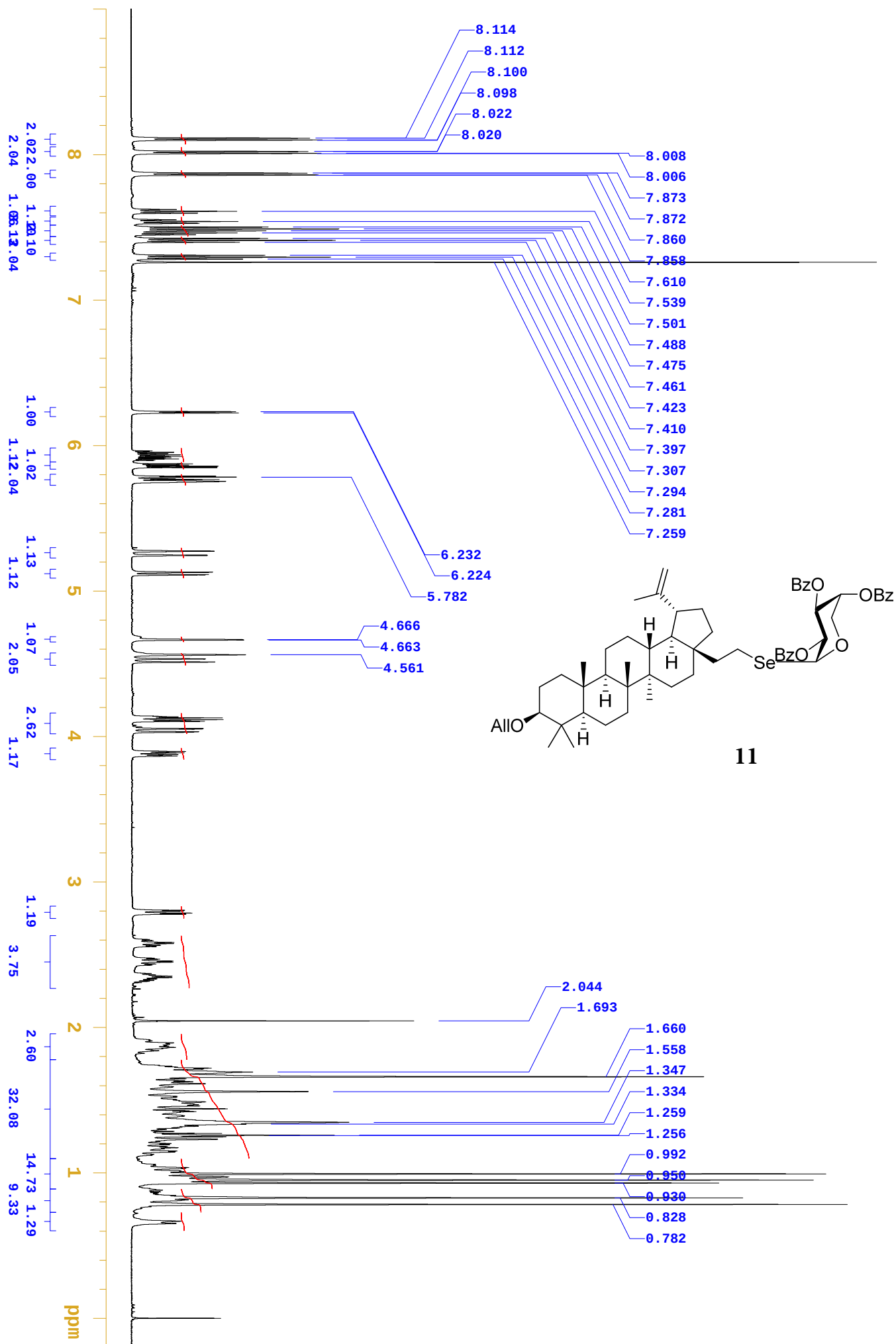


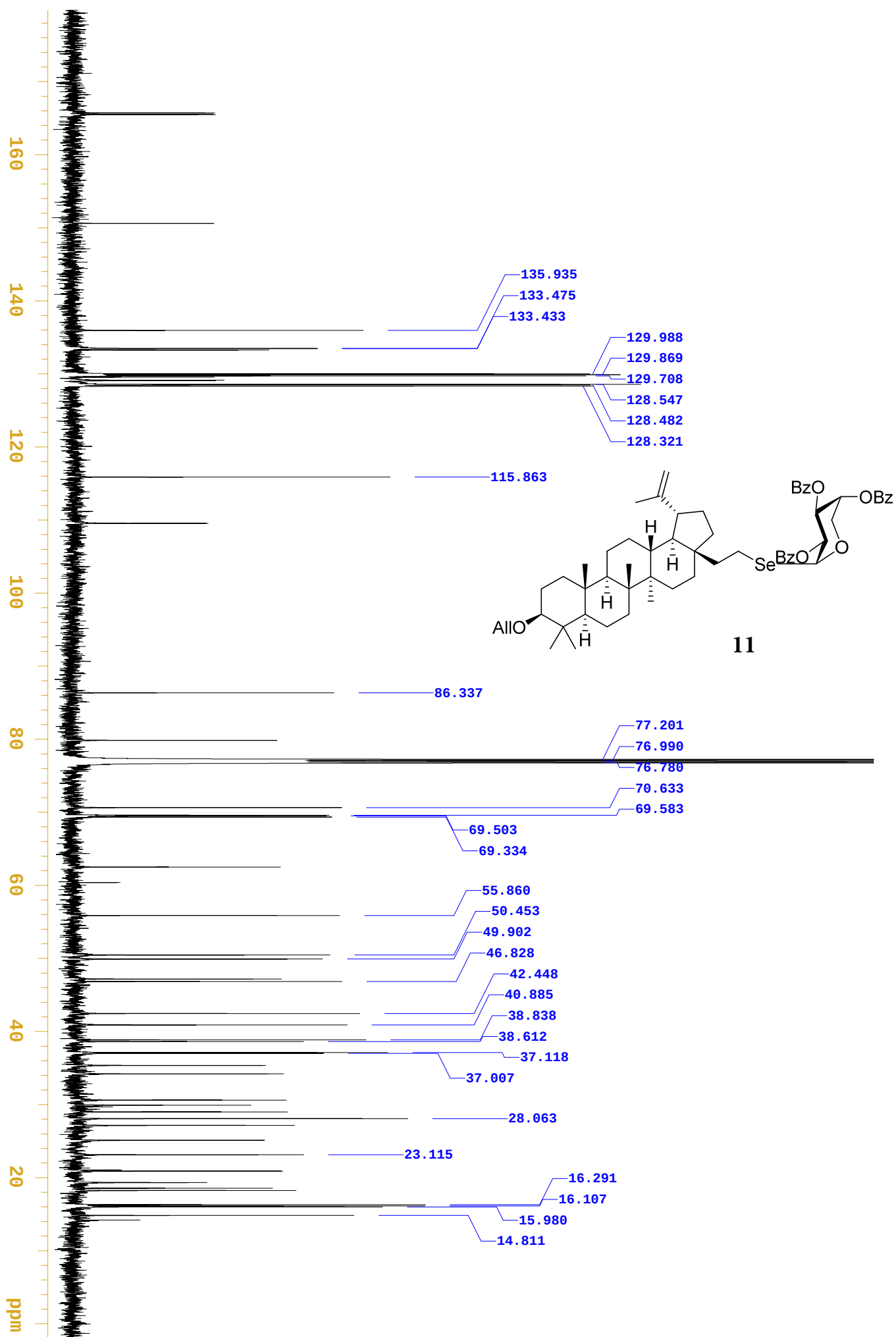


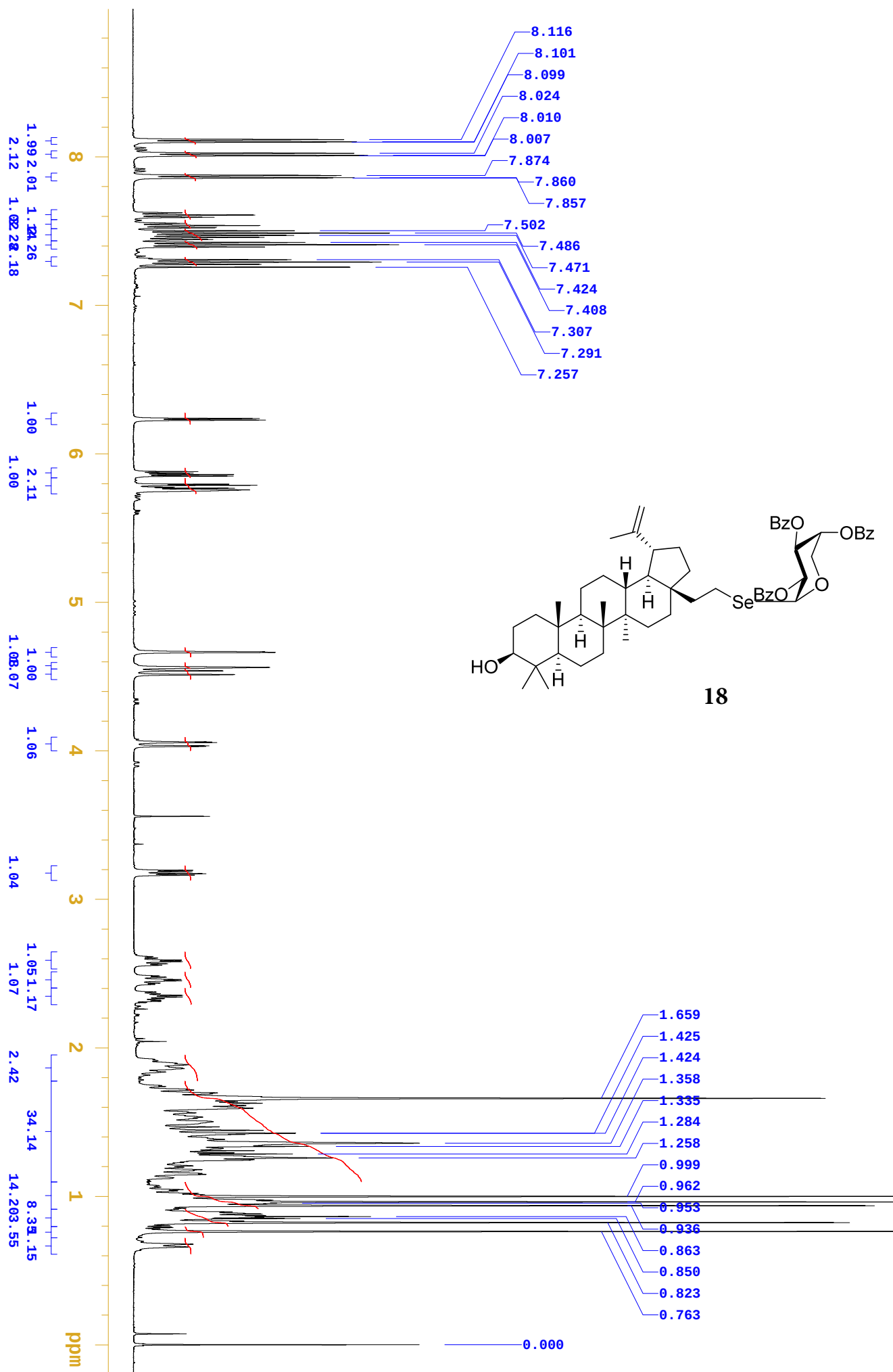


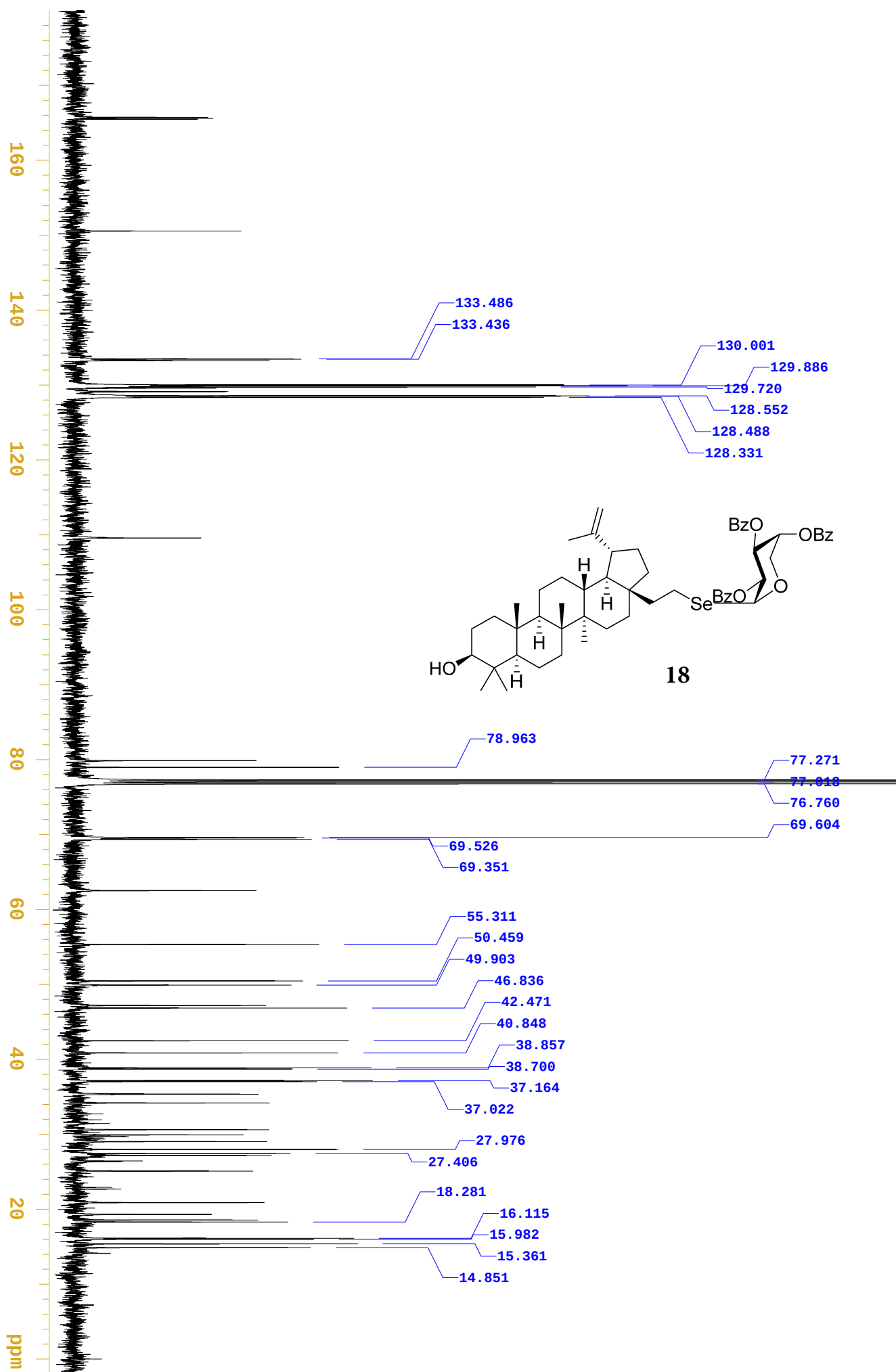


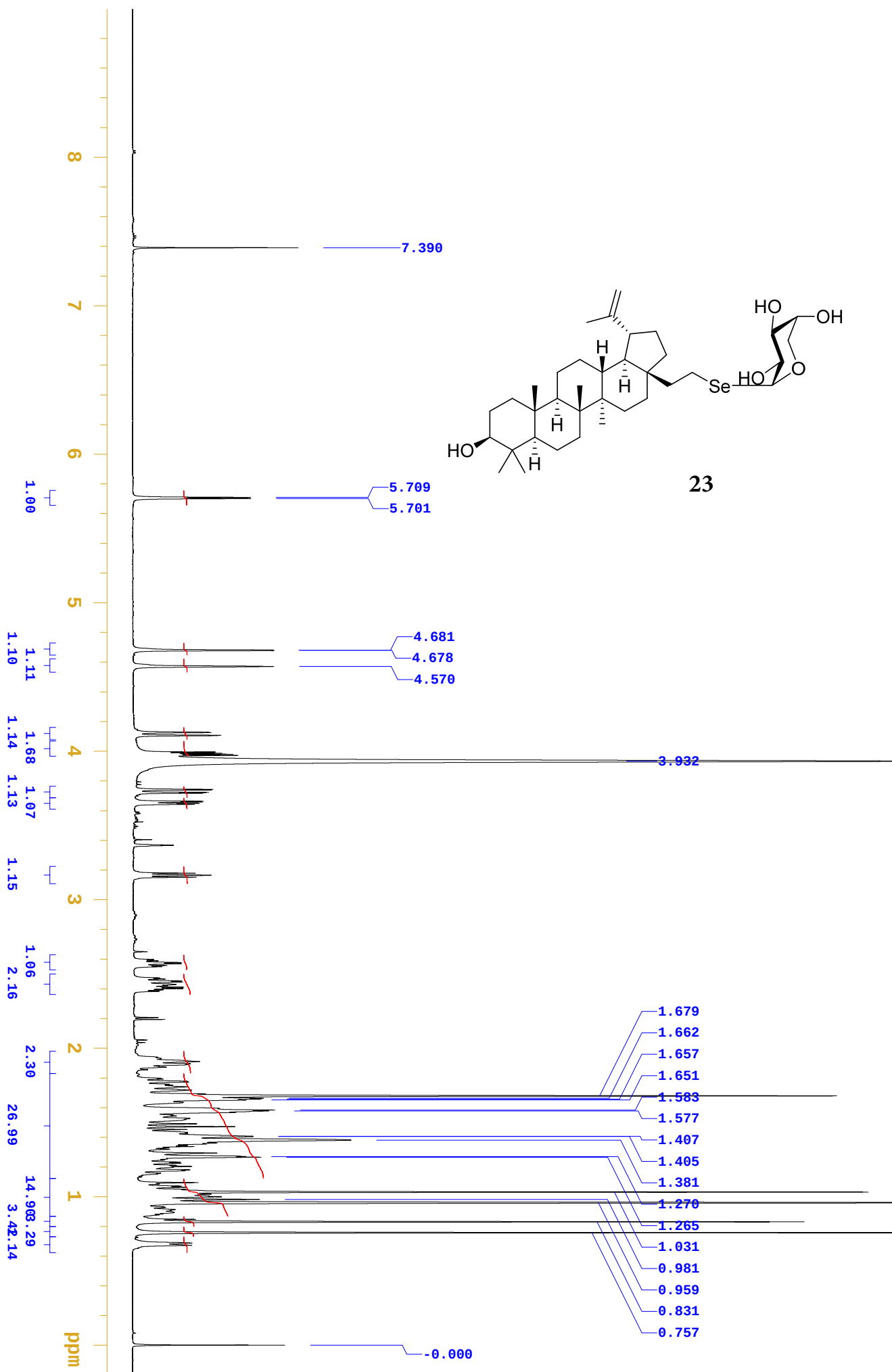


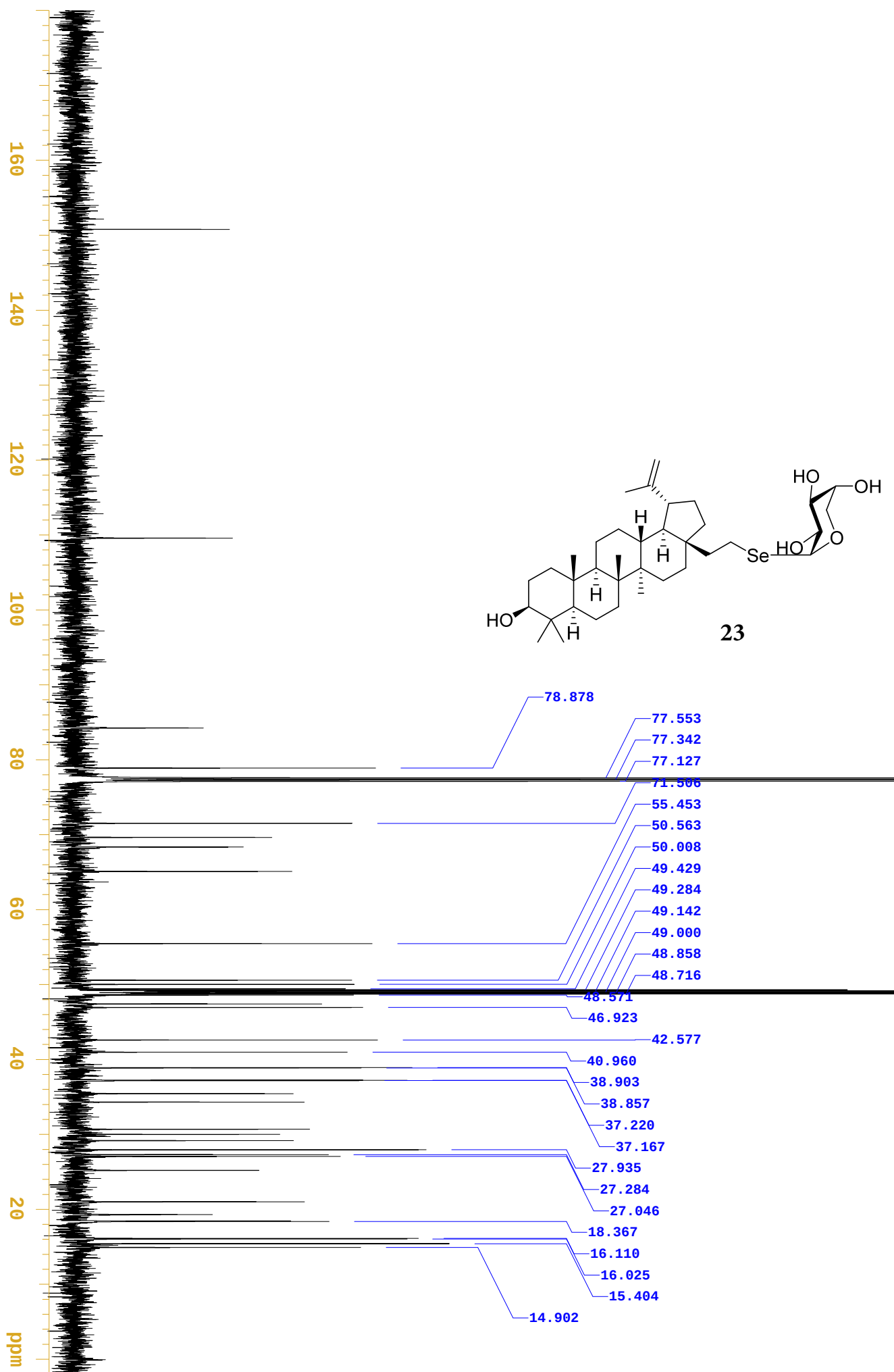


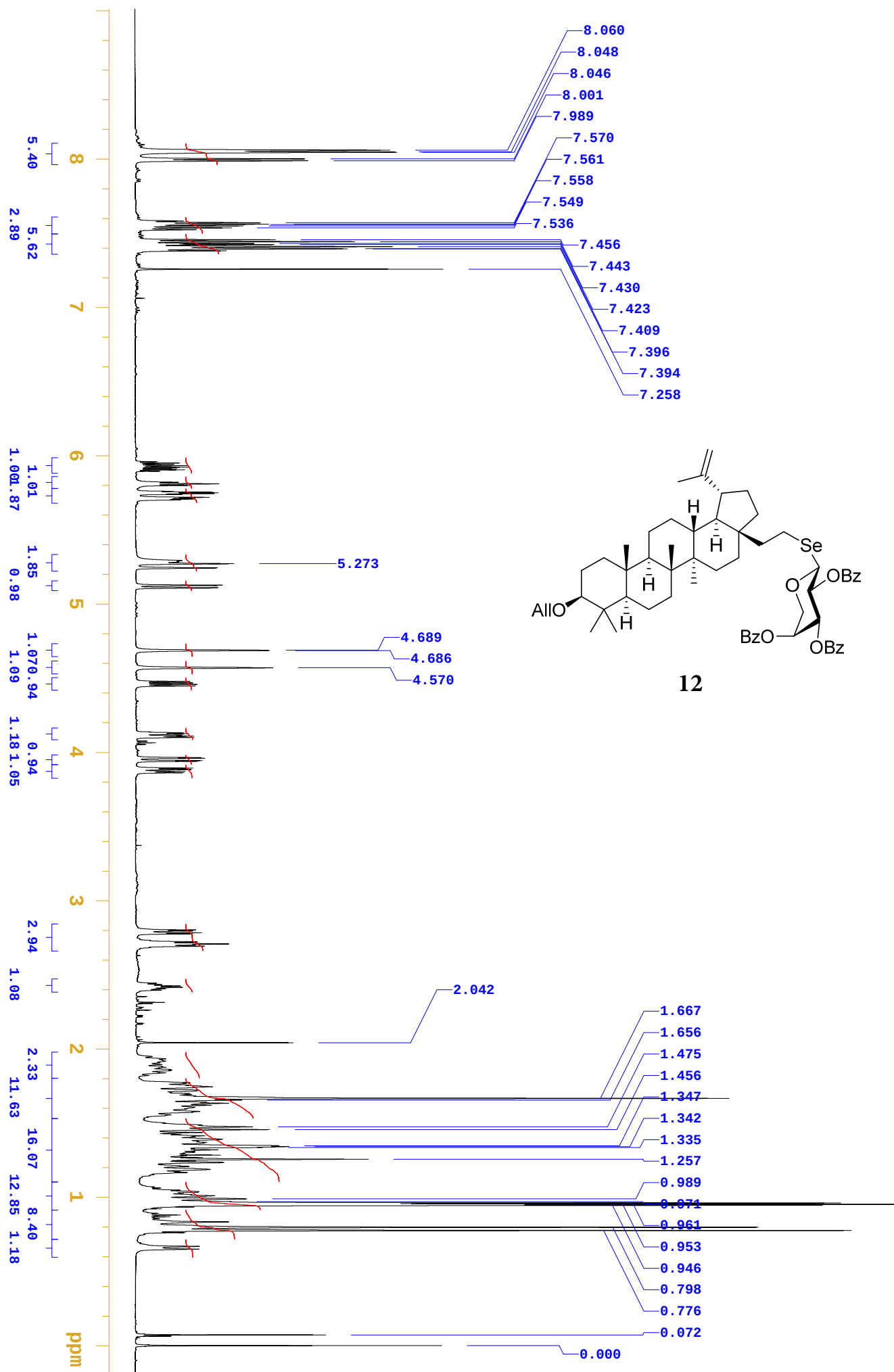


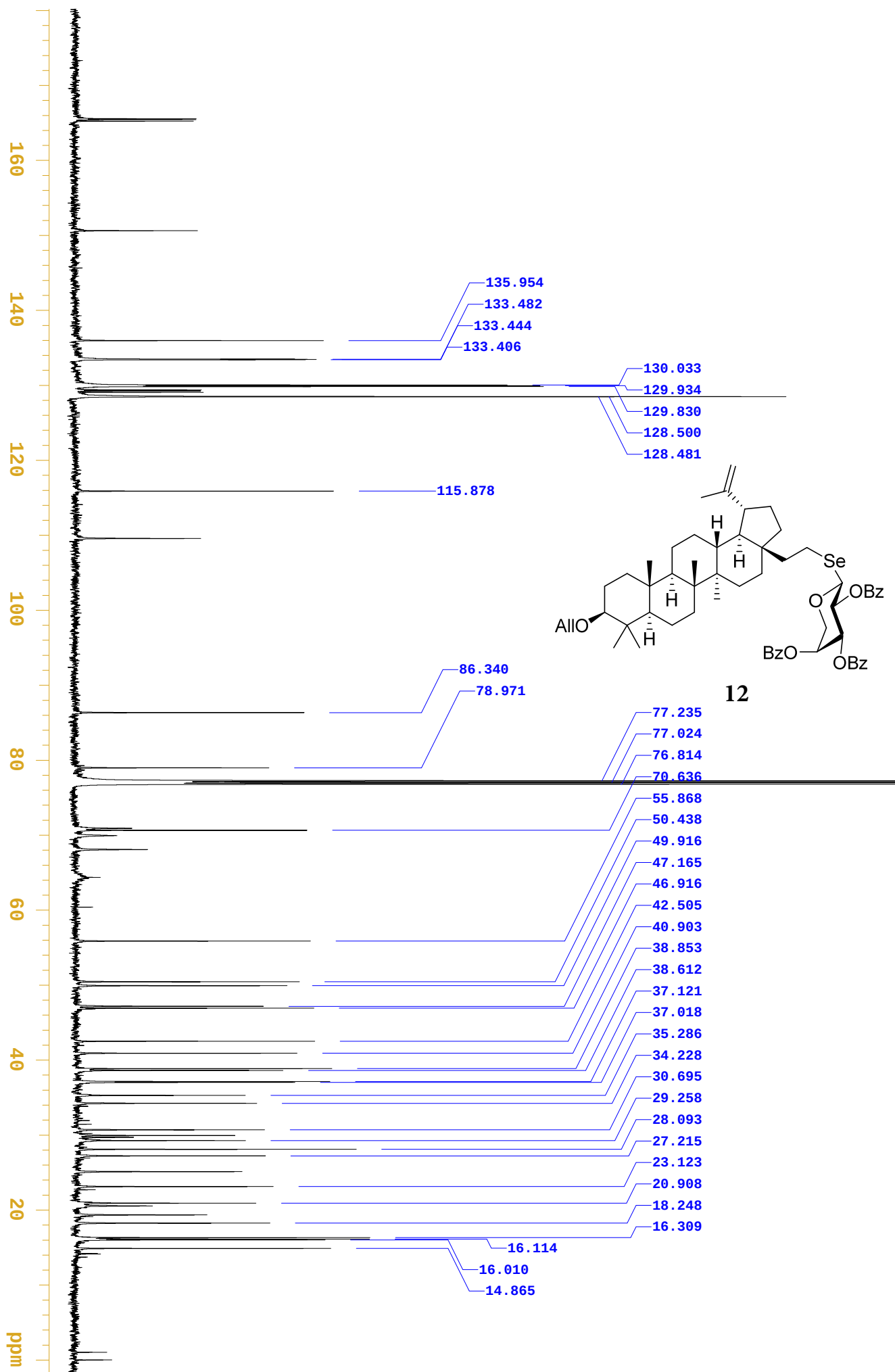


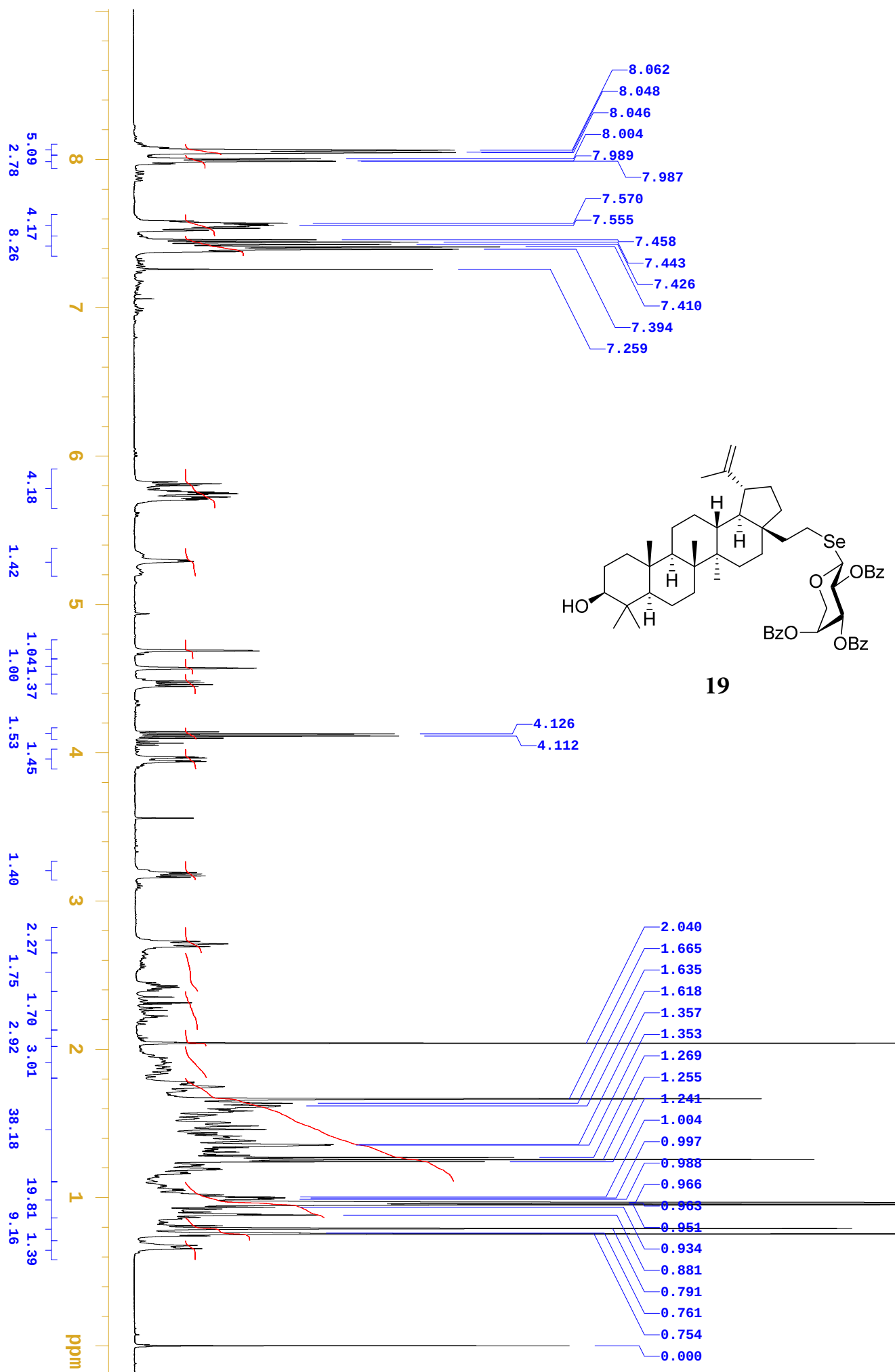


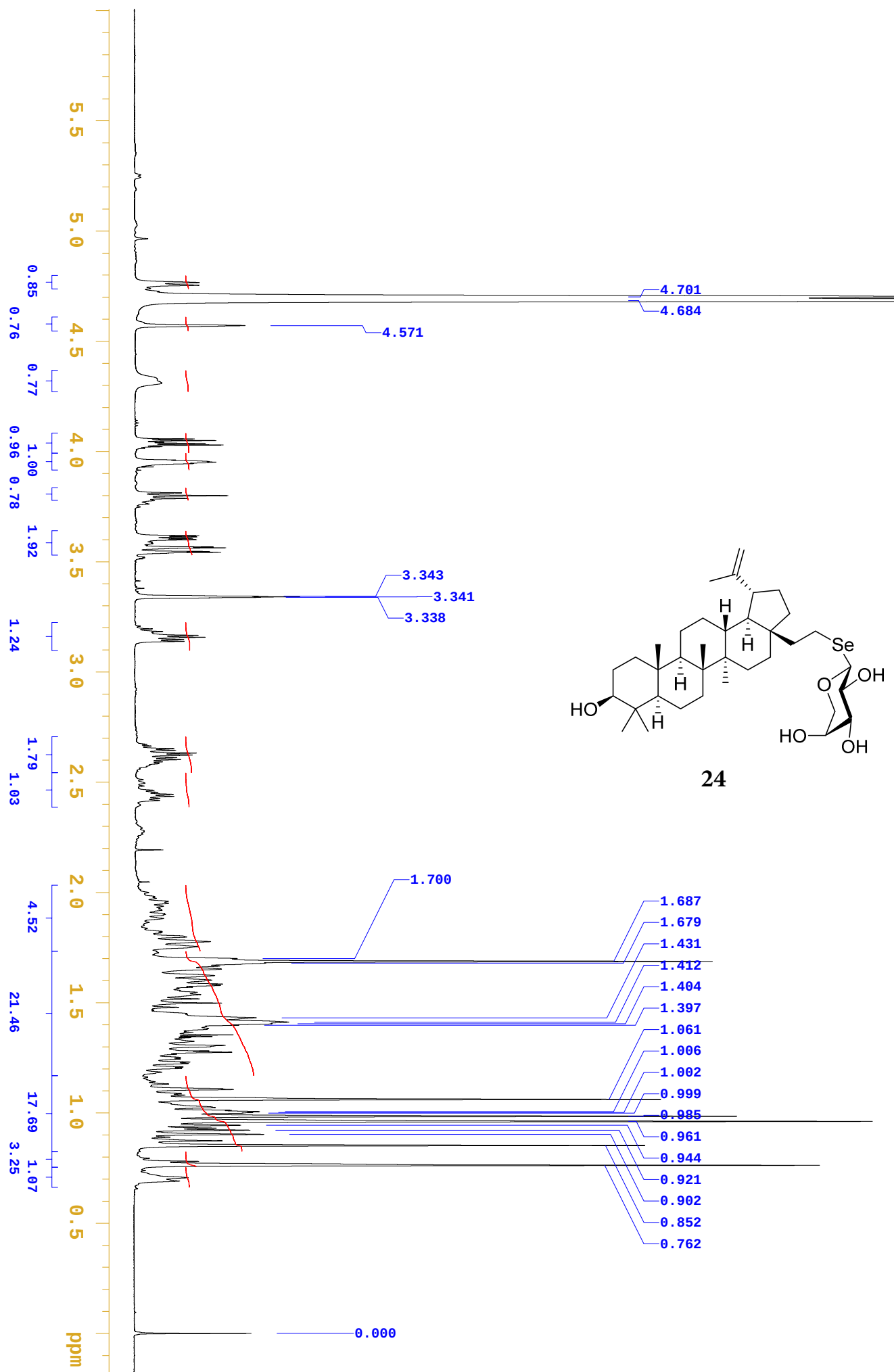


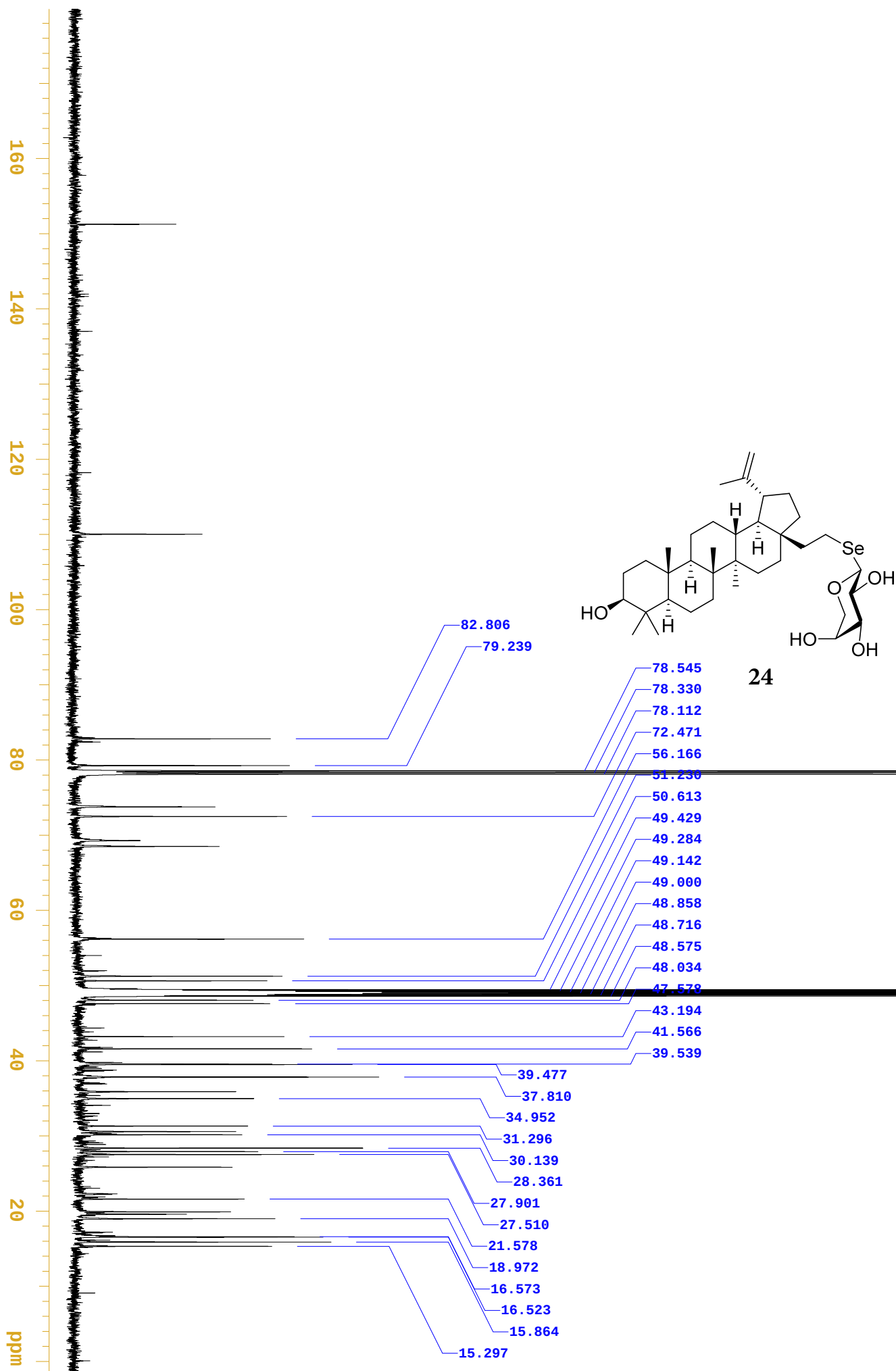


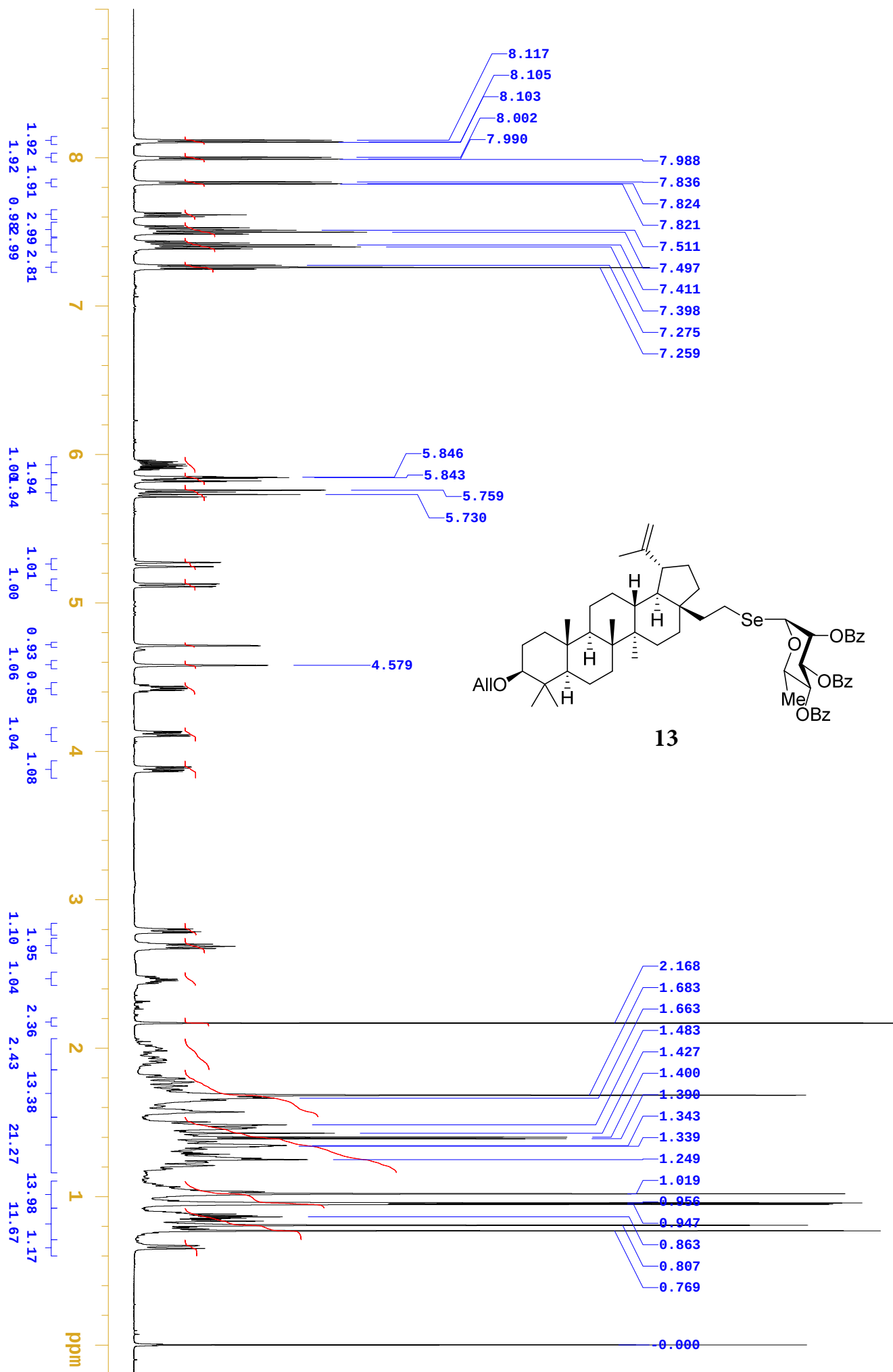


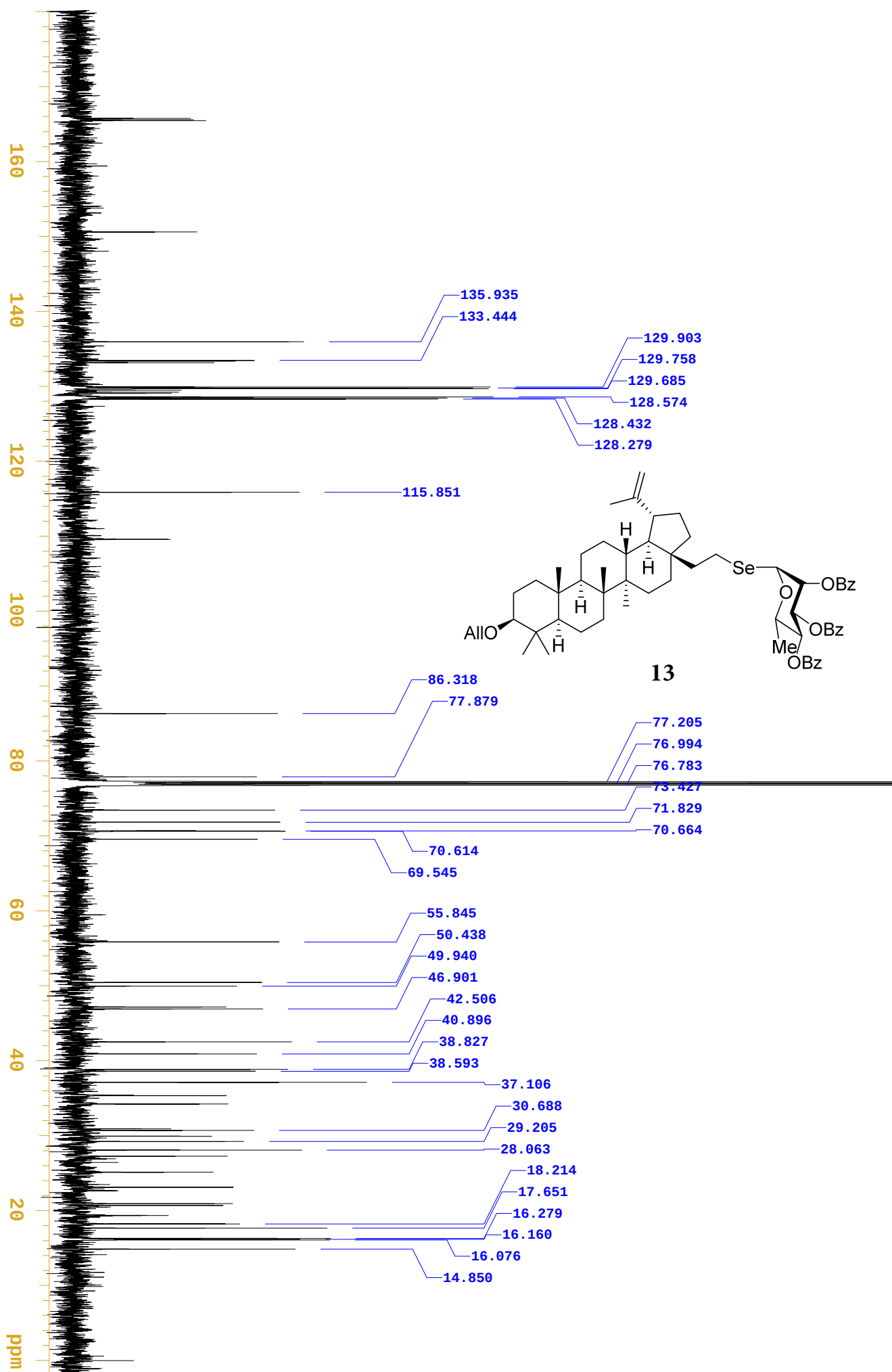


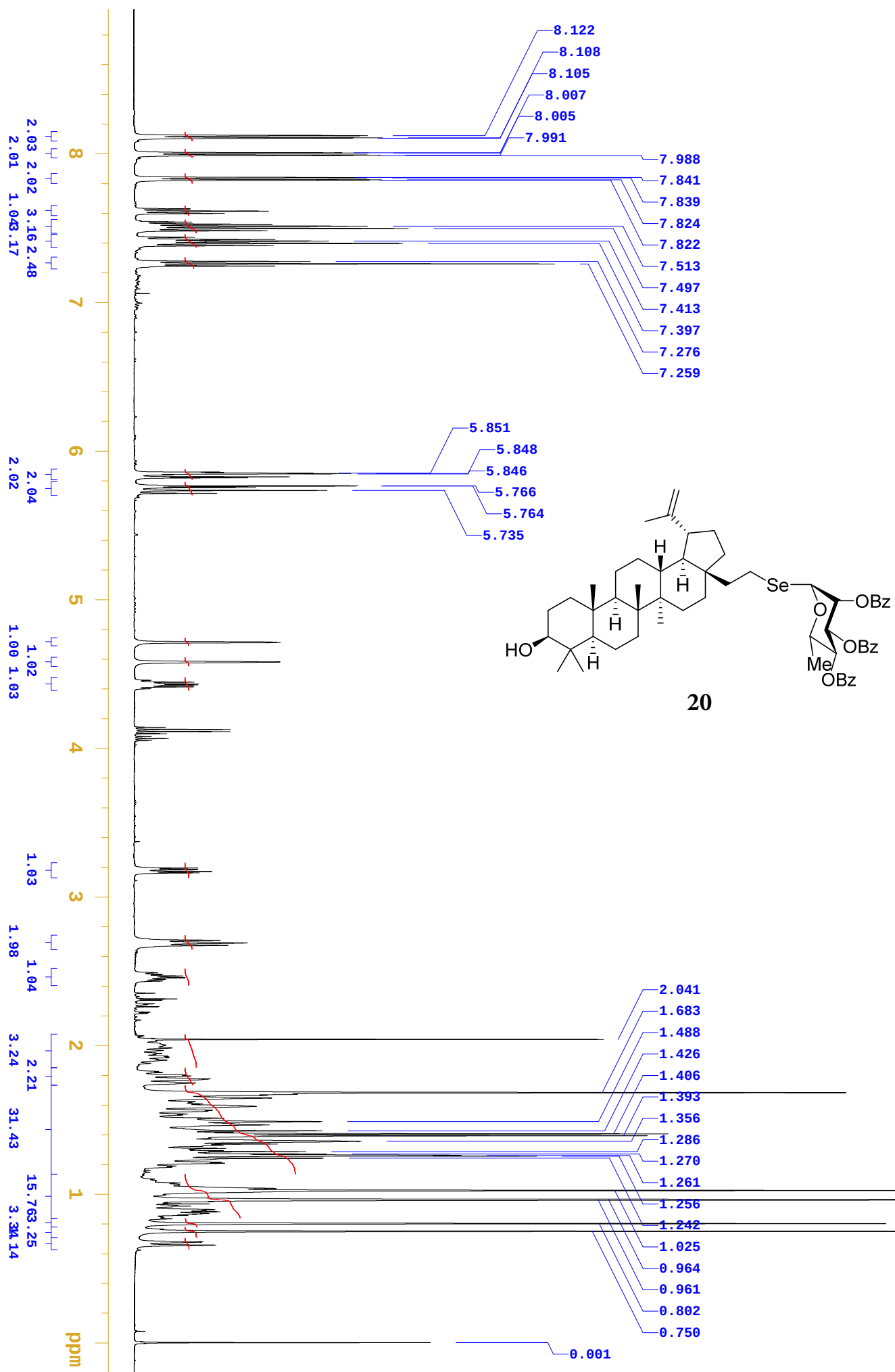


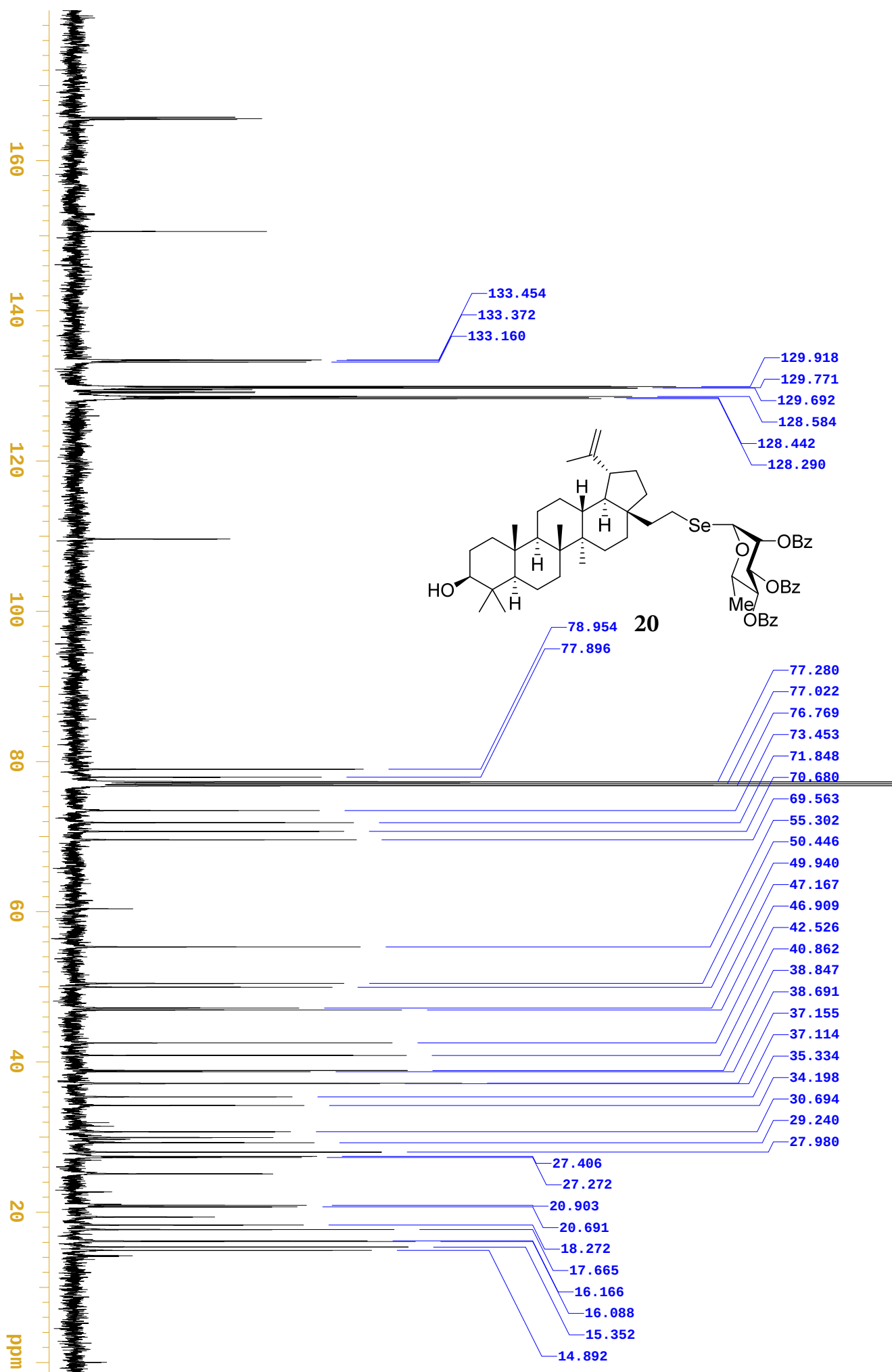


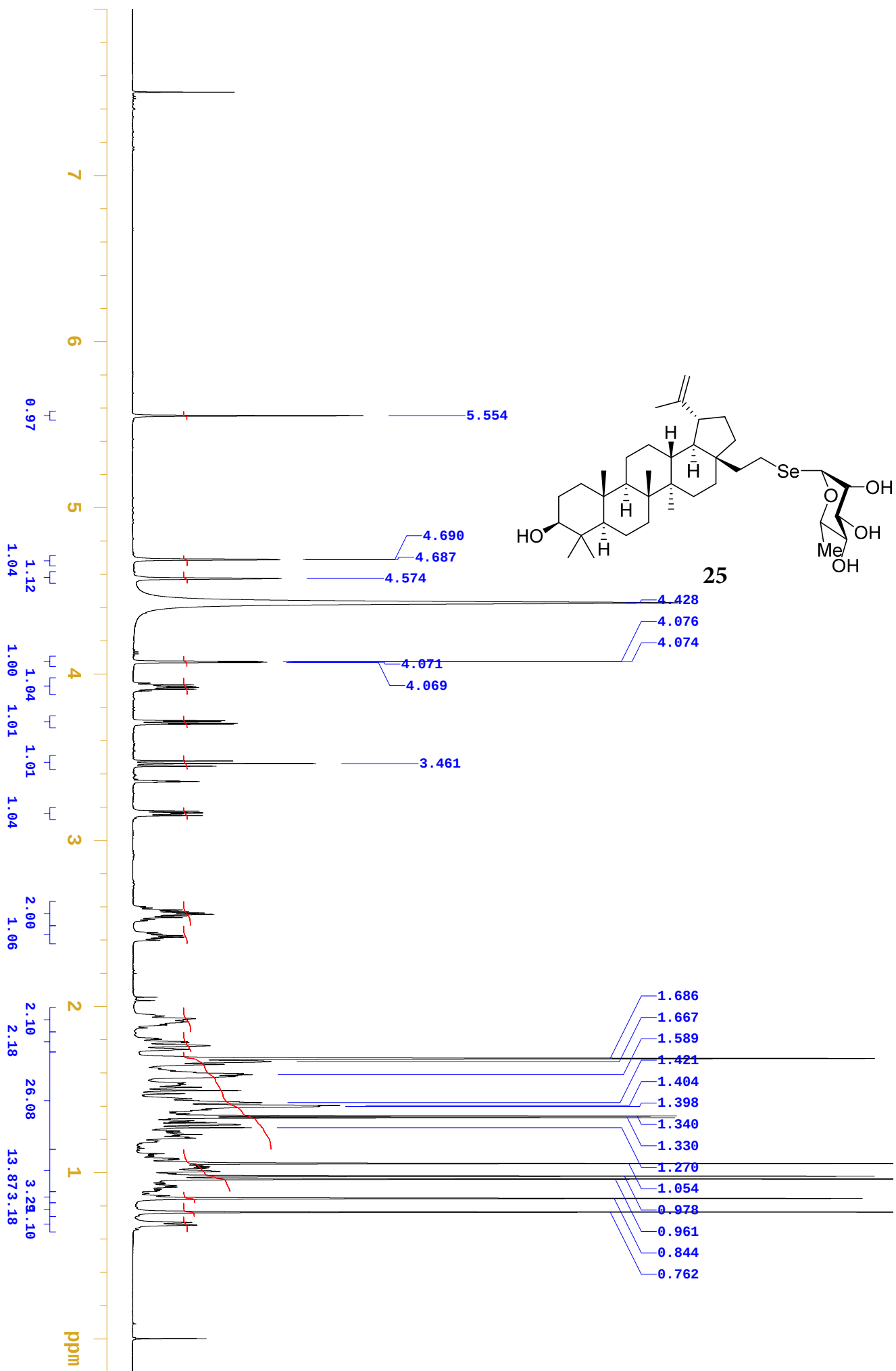


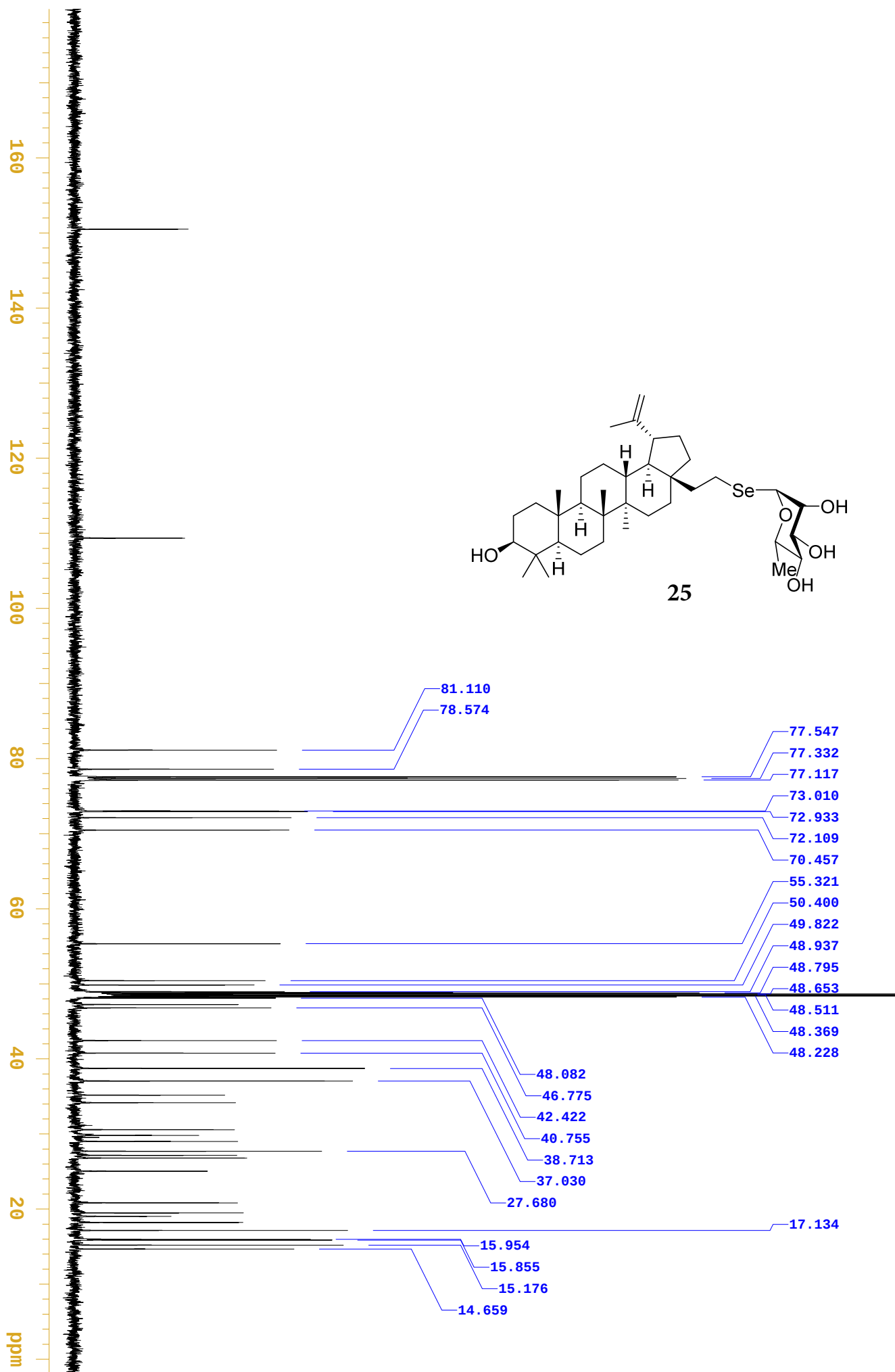


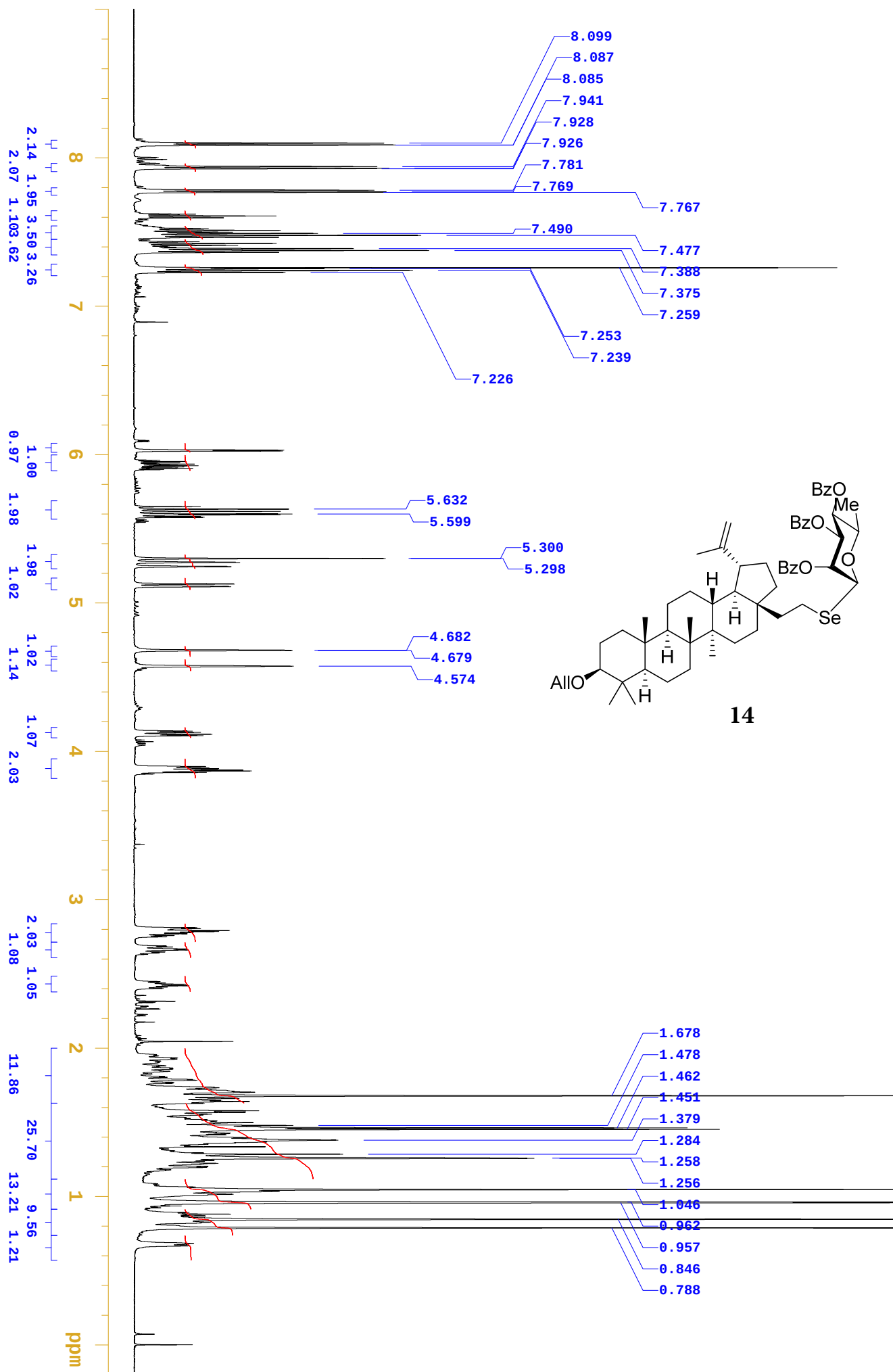


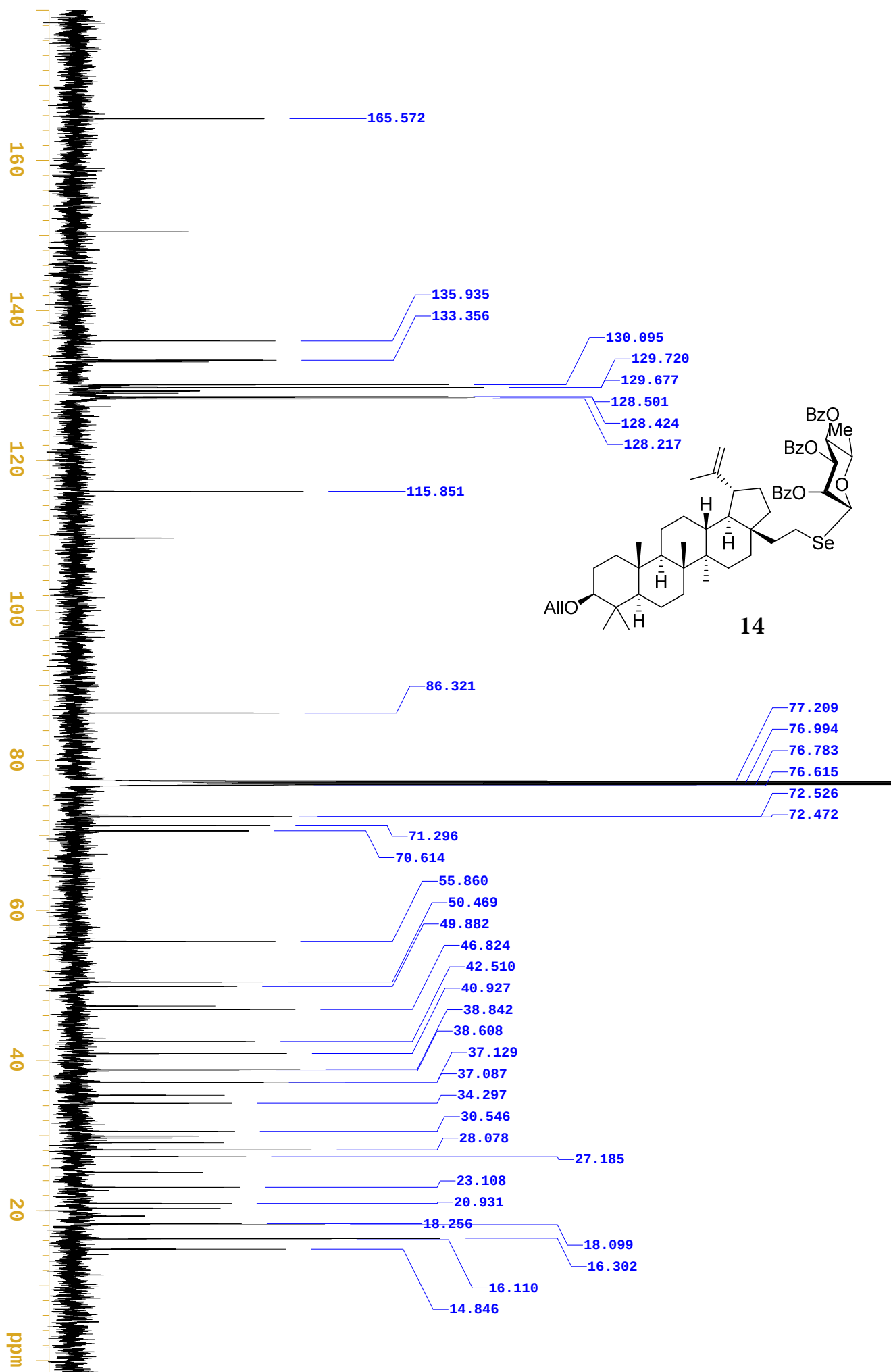


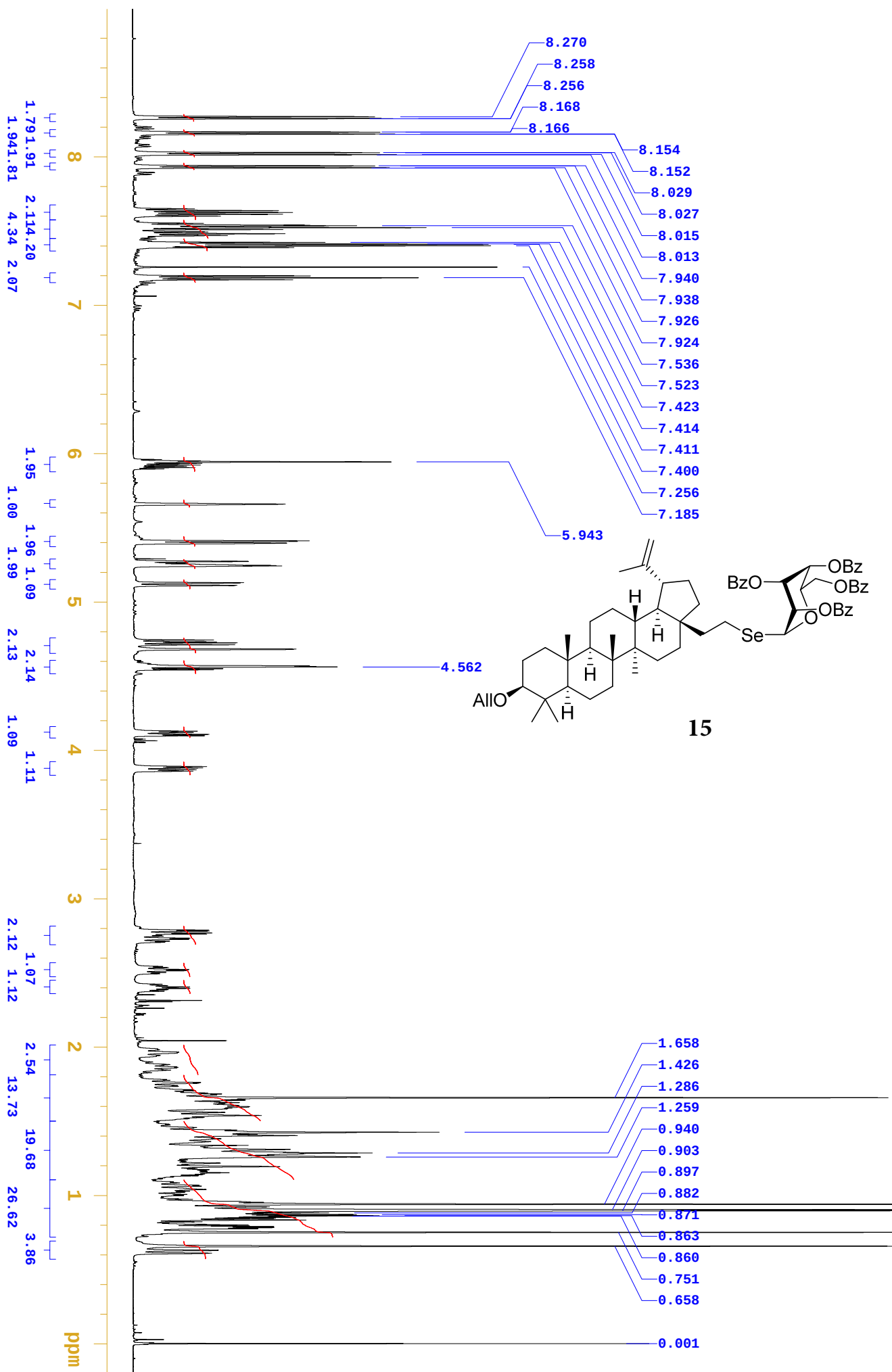


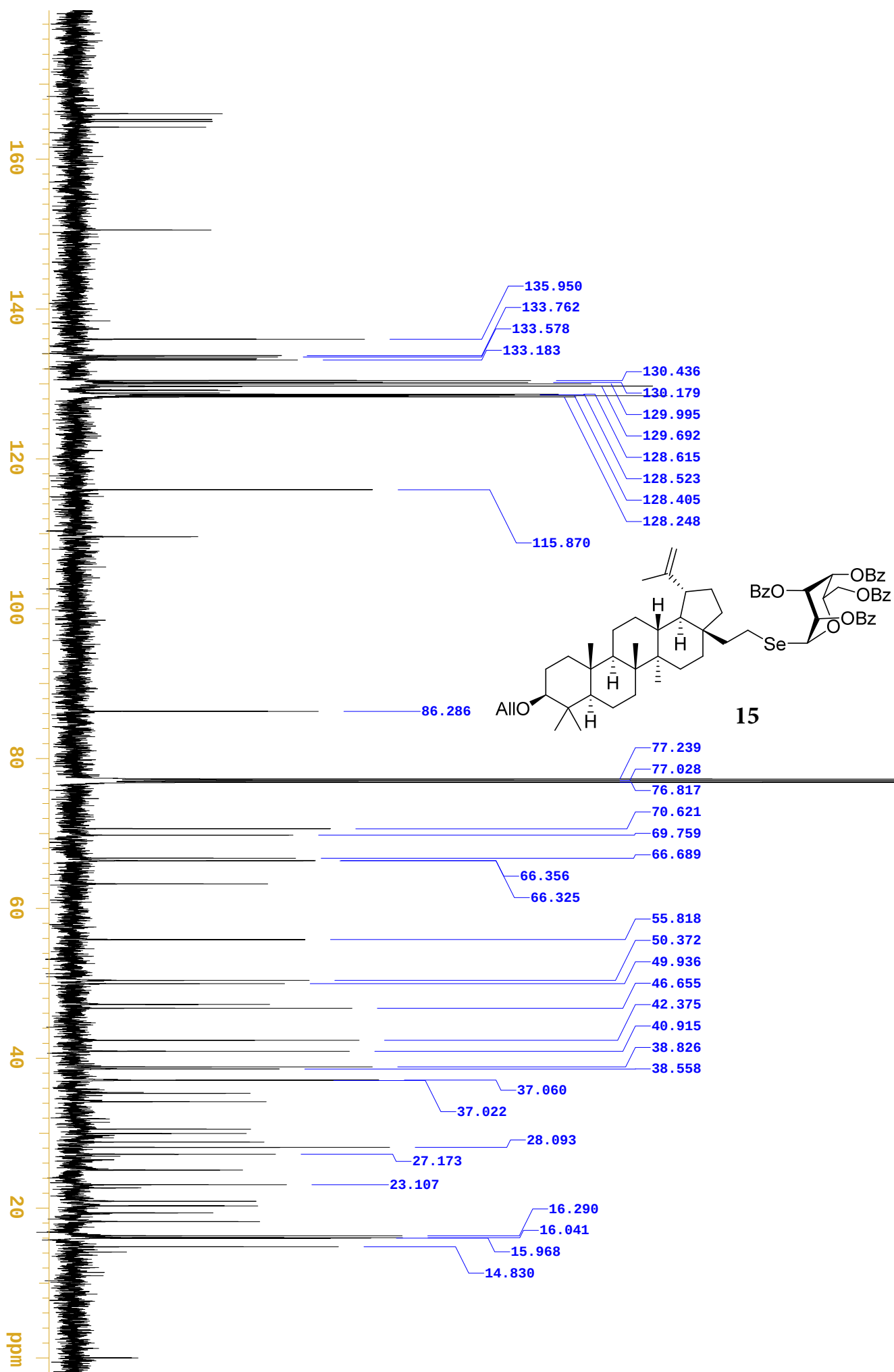


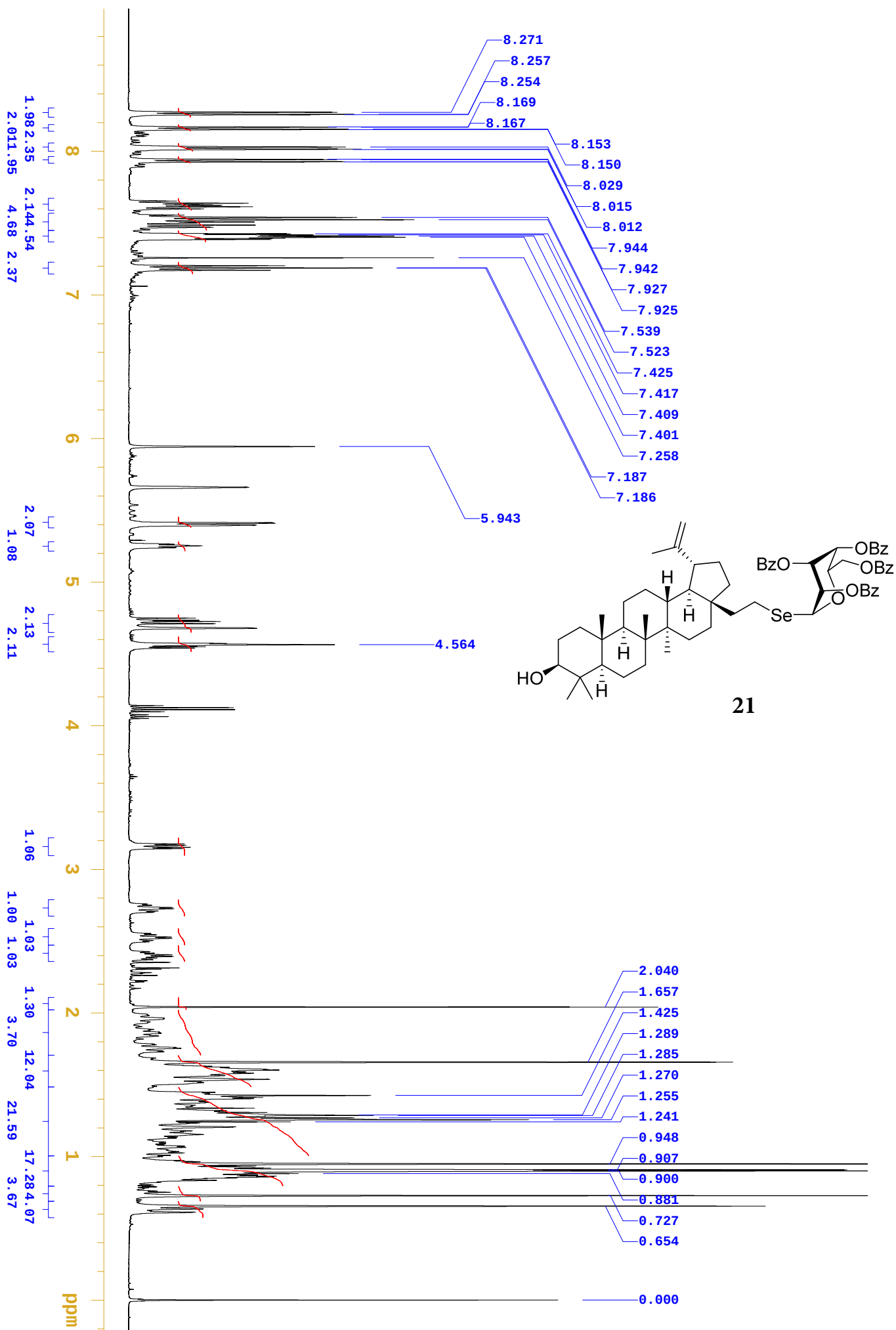


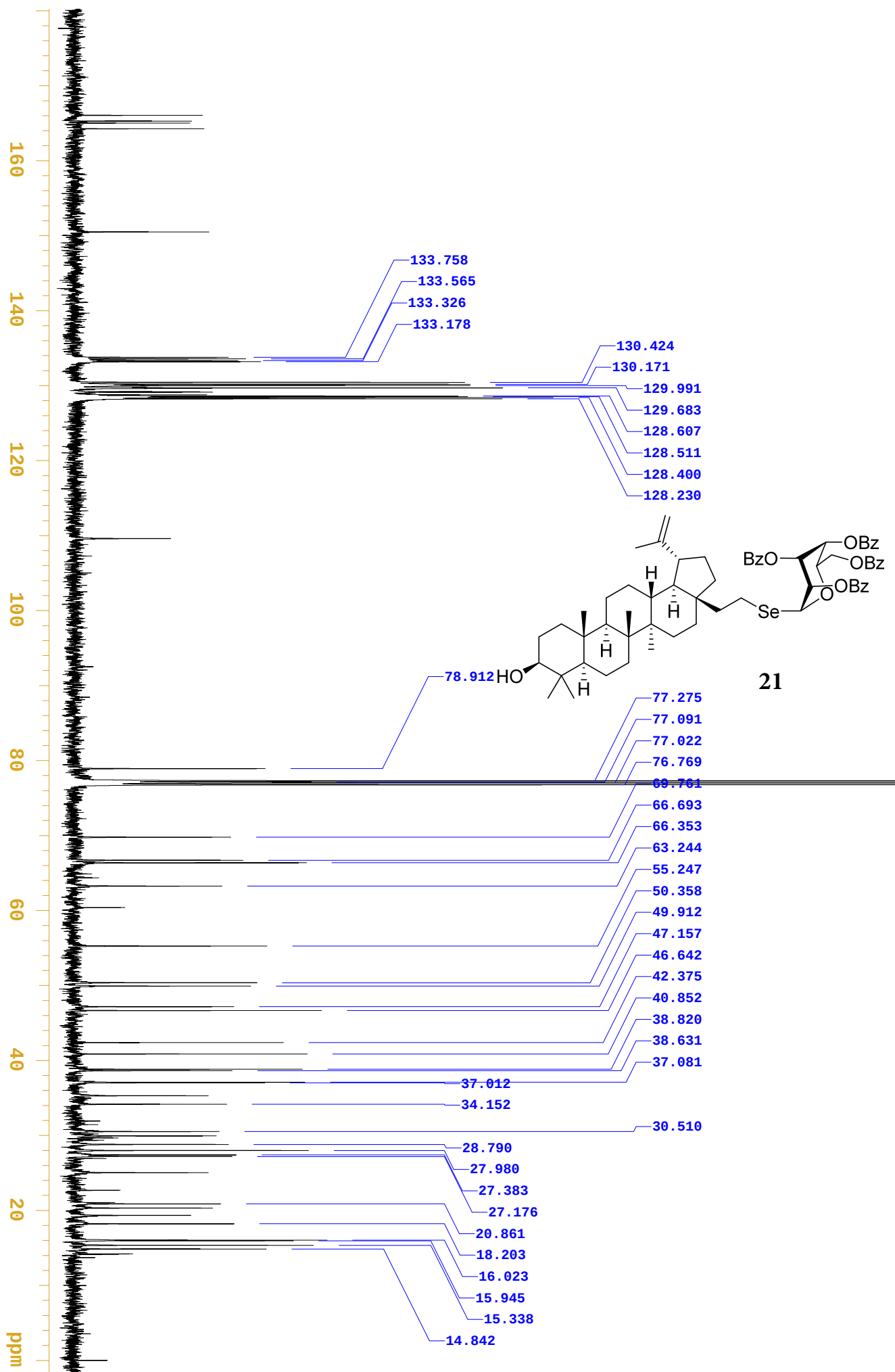


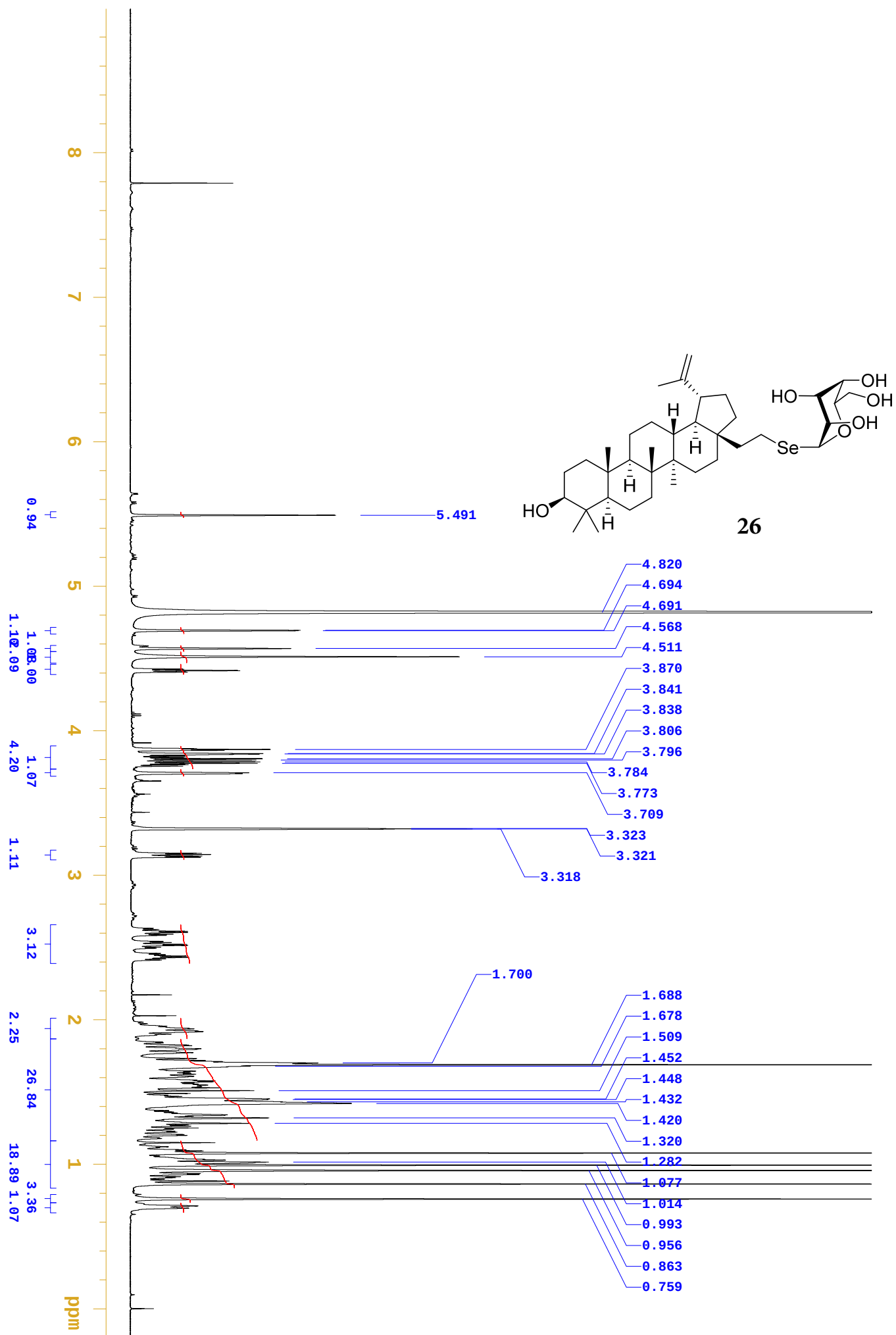


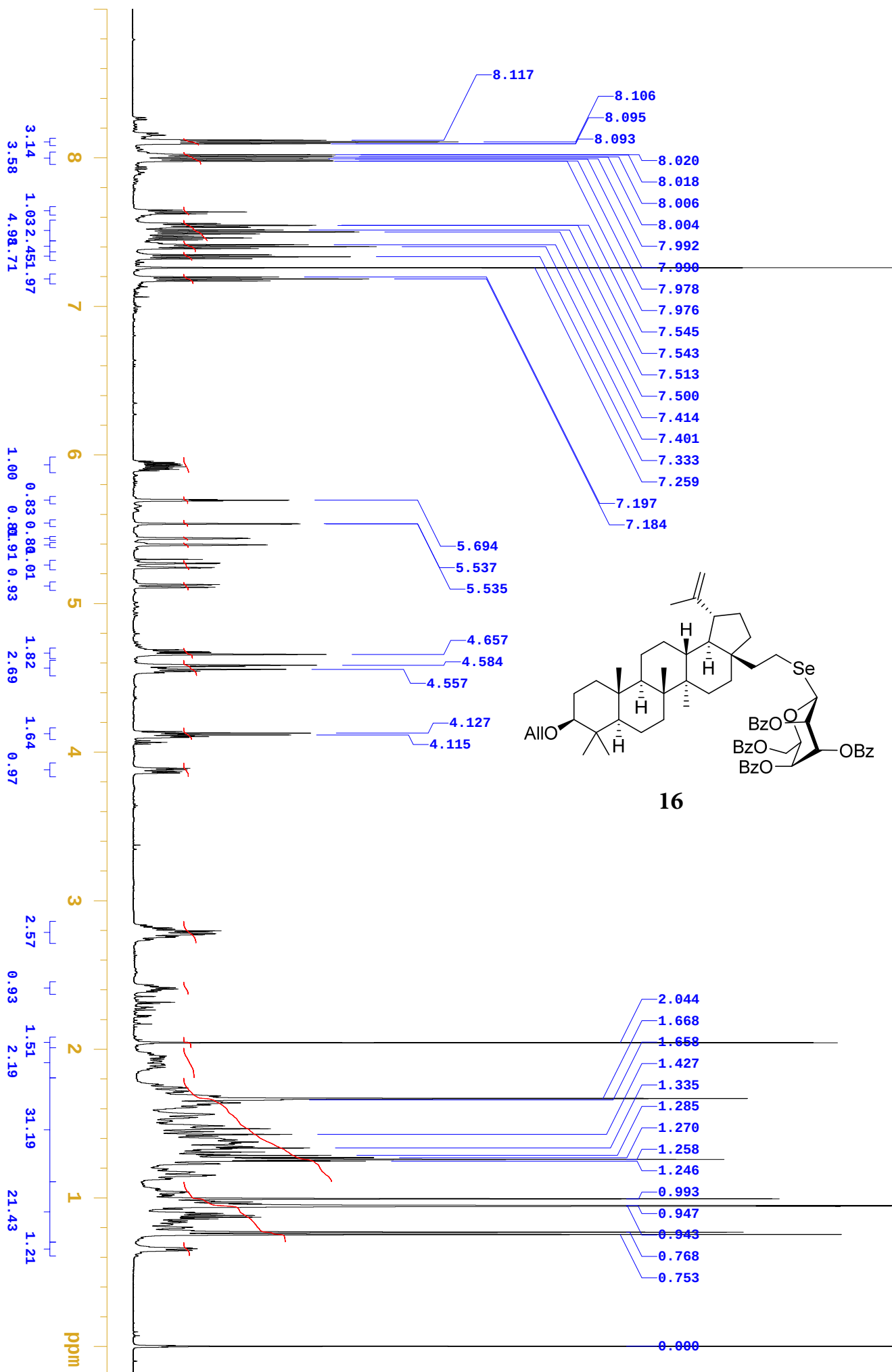


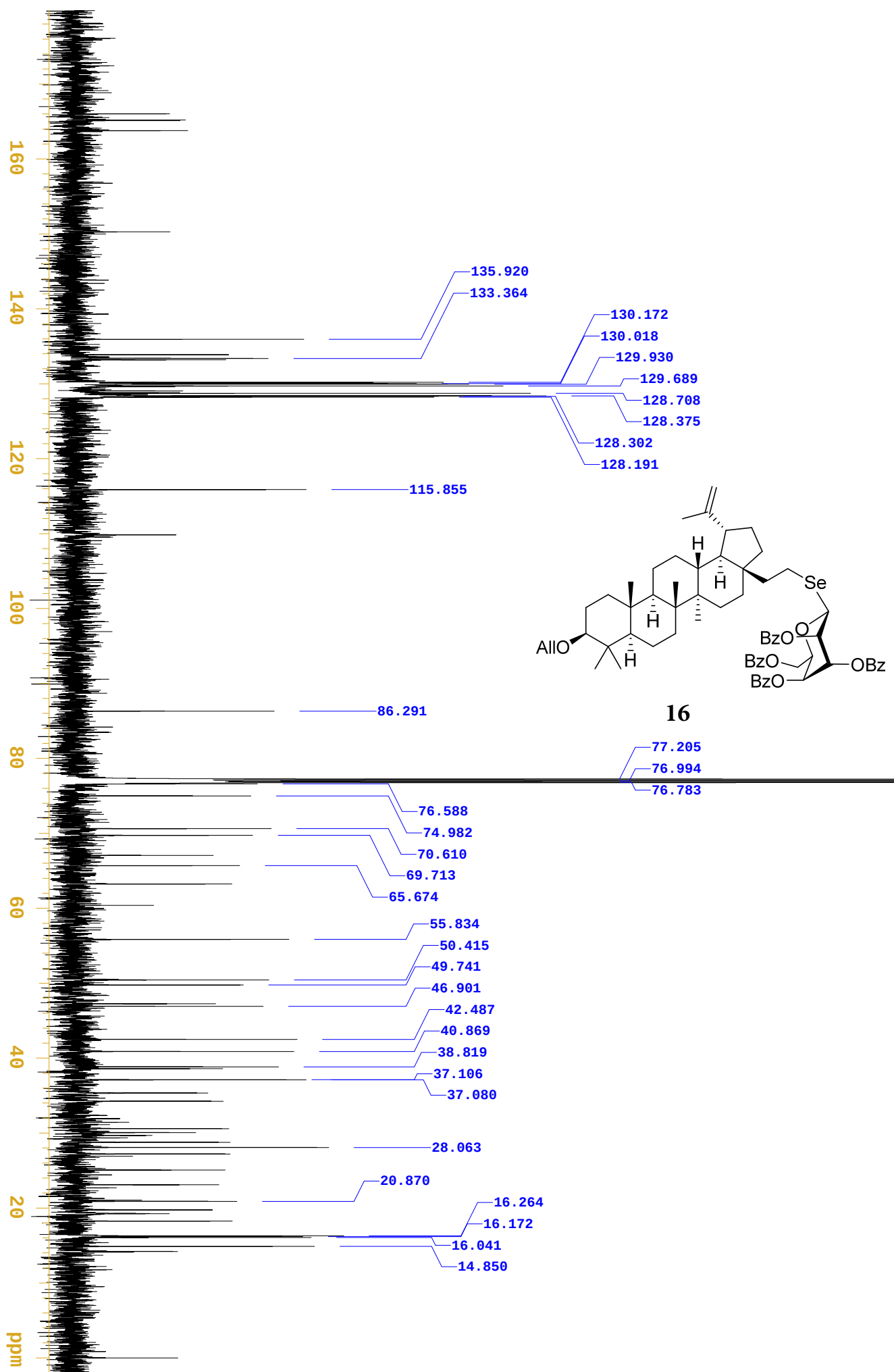


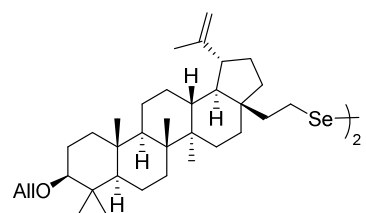




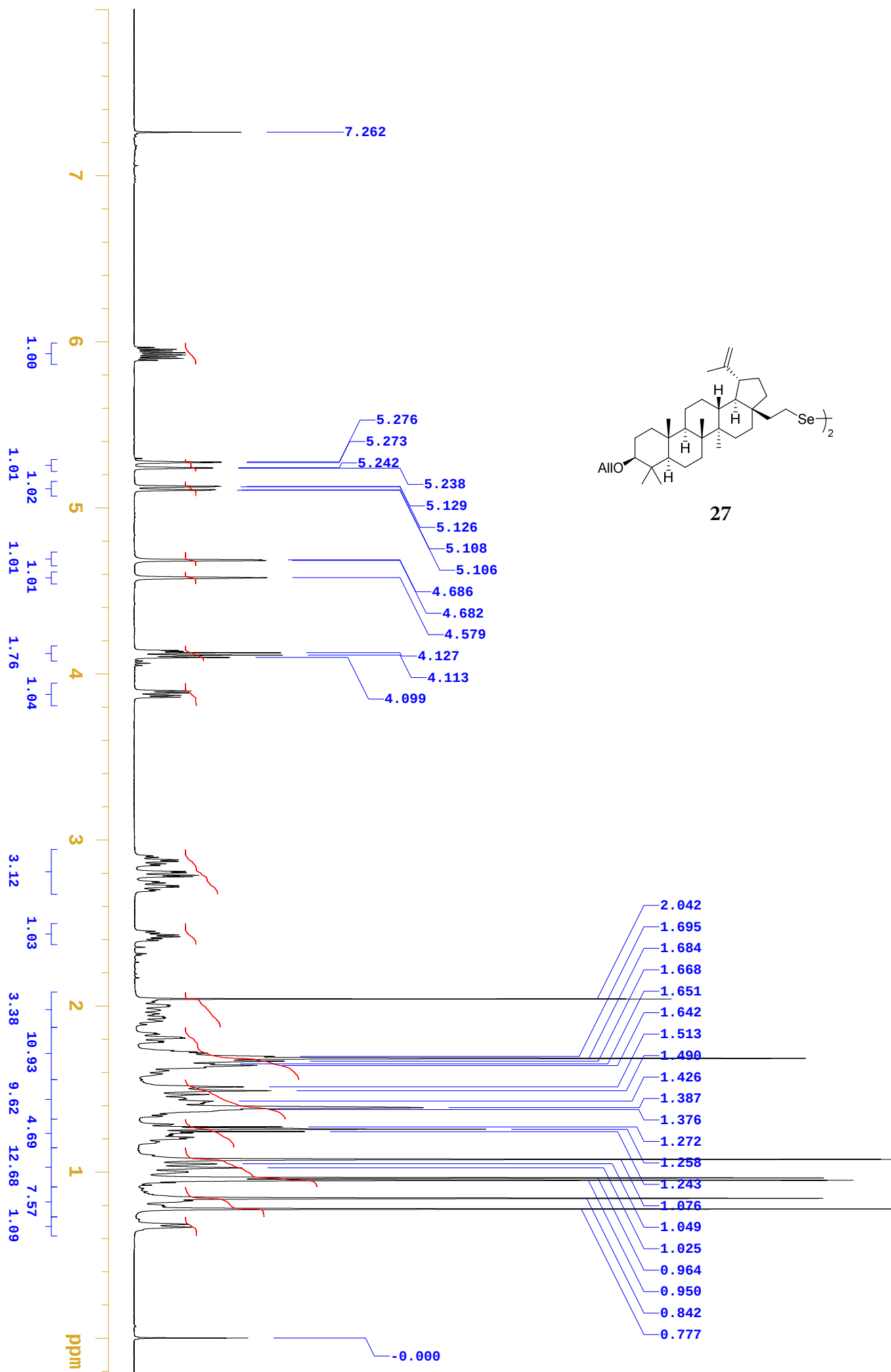


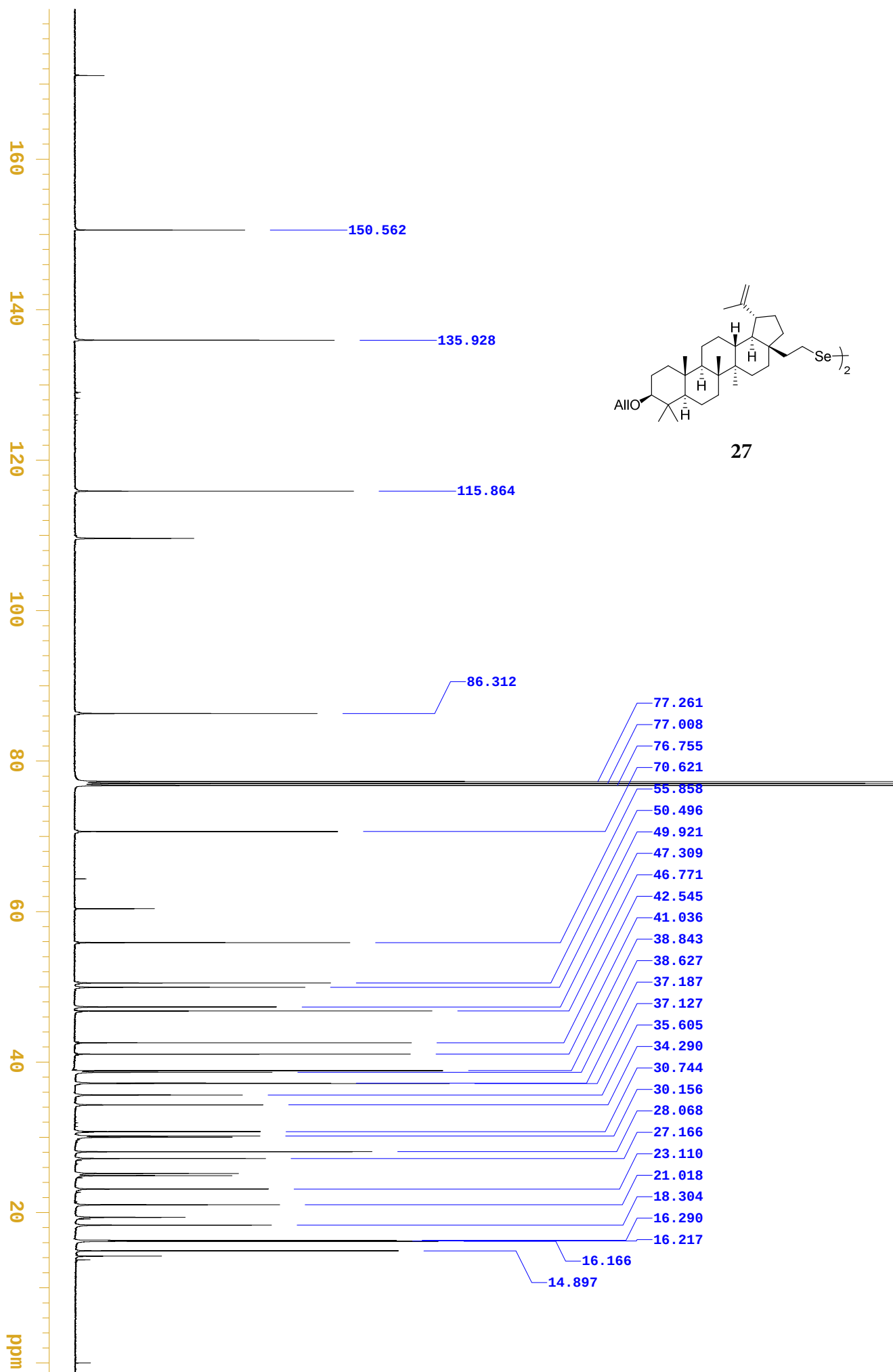


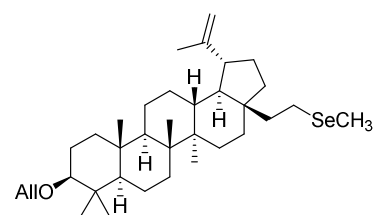




27







28

