

Concise Access to Indolizidine and Pyrroloazepine Skeleta *via* Intramolecular Schmidt
Reactions of Azido 1,3-Diketones

Duanpen Lertpibulpanya and Stephen P. Marsden*

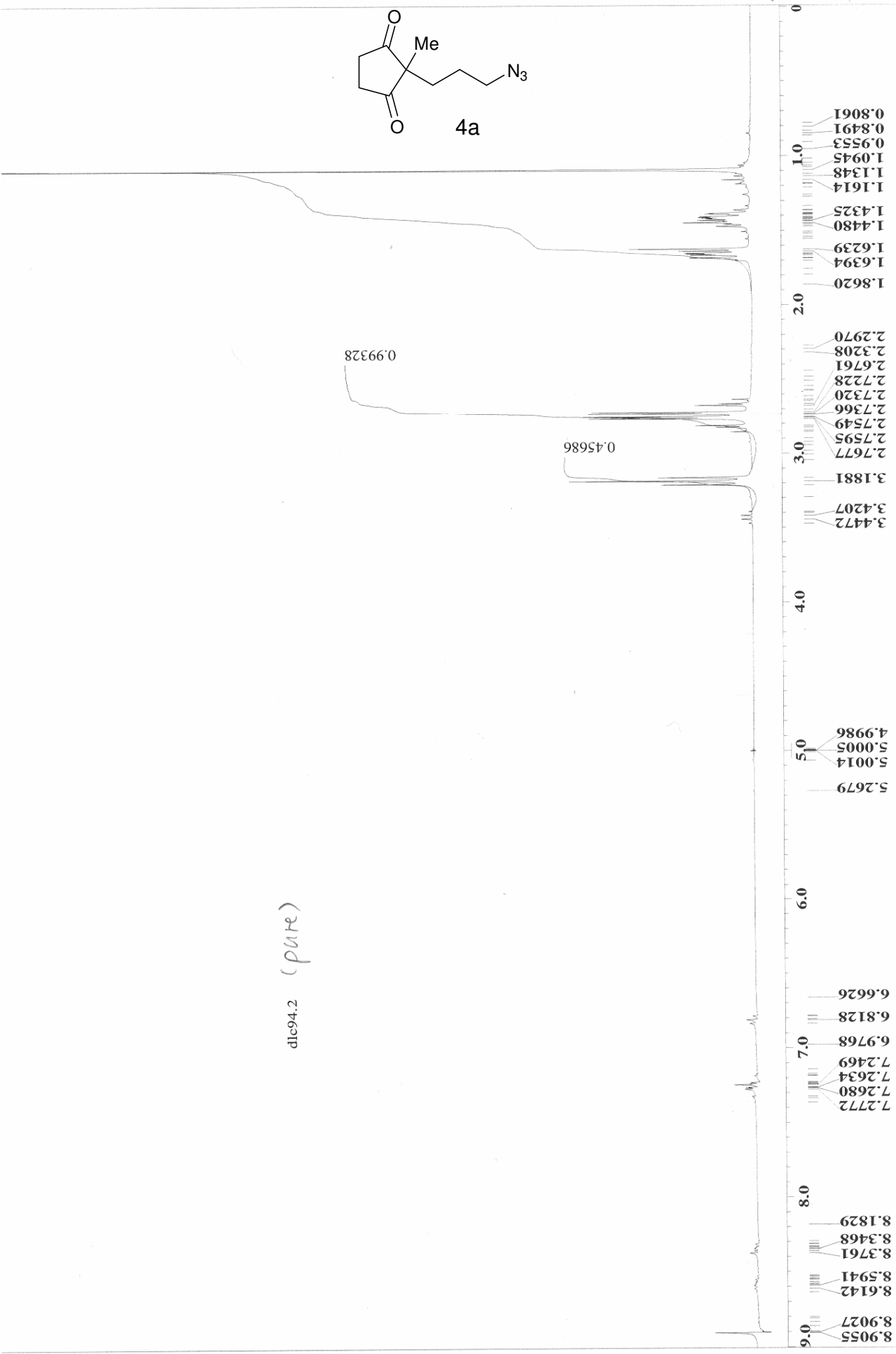
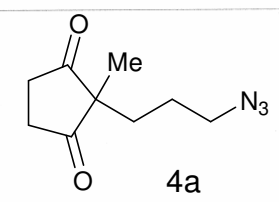
School of Chemistry
University of Leeds
Leeds LS2 9JT
United Kingdom

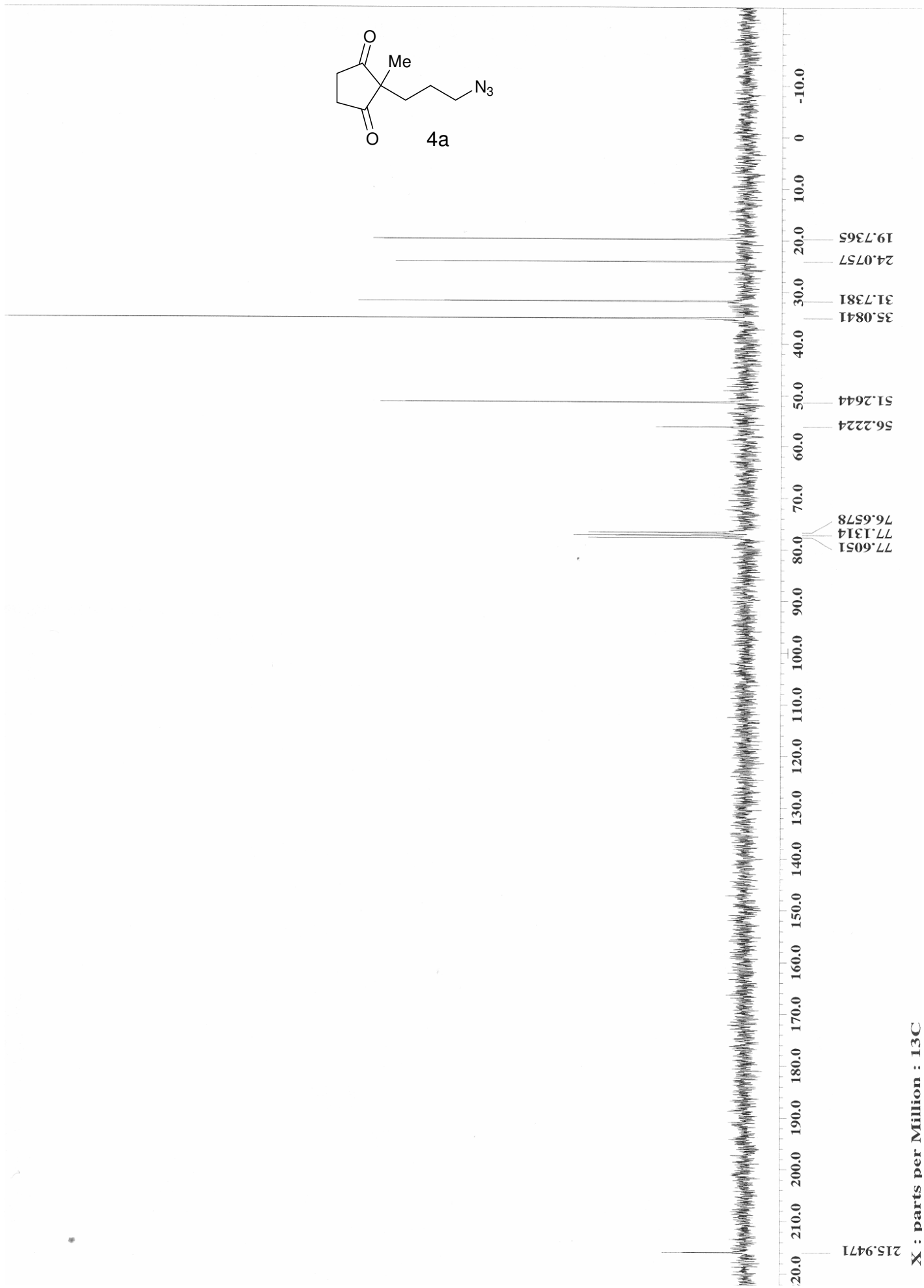
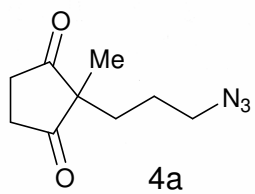
s.p.marsden@leeds.ac.uk

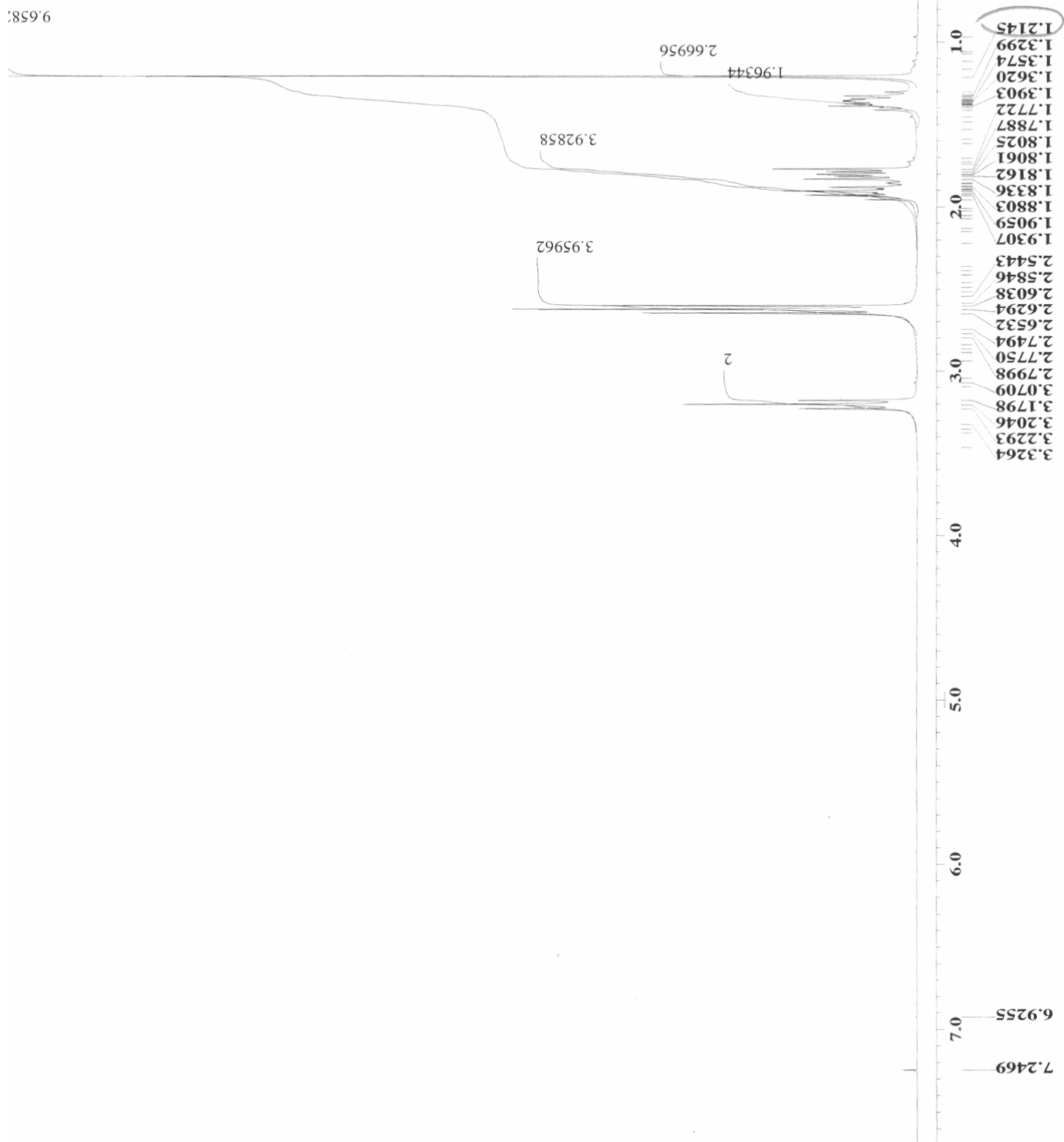
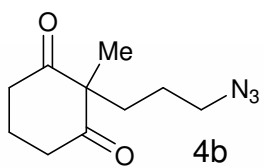
Supplementary Information

Contents: ^1H and ^{13}C nmr spectra of compounds 4a-c, 6a-c and 10/11a-c

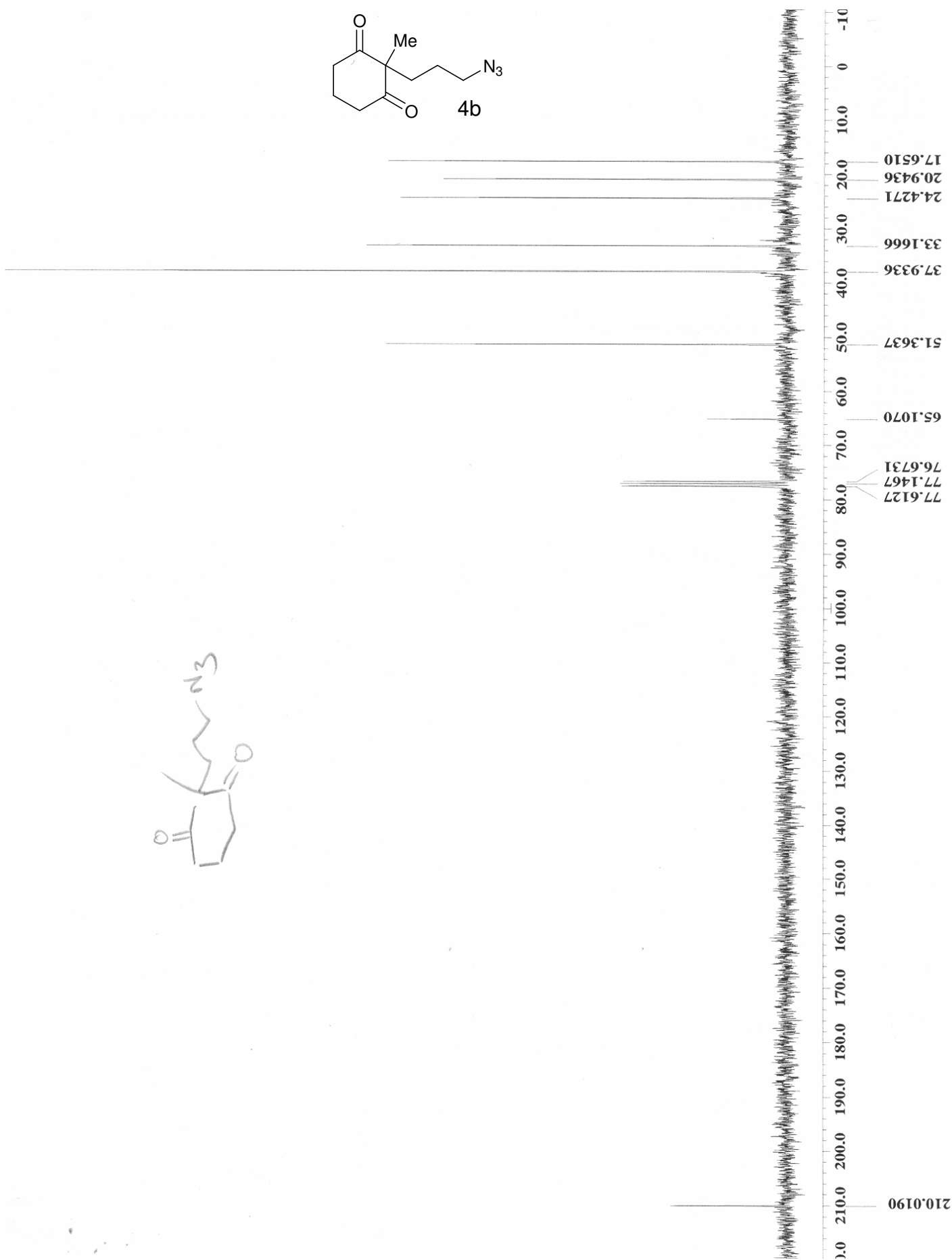
dic94.2 (pure)

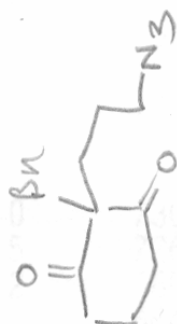
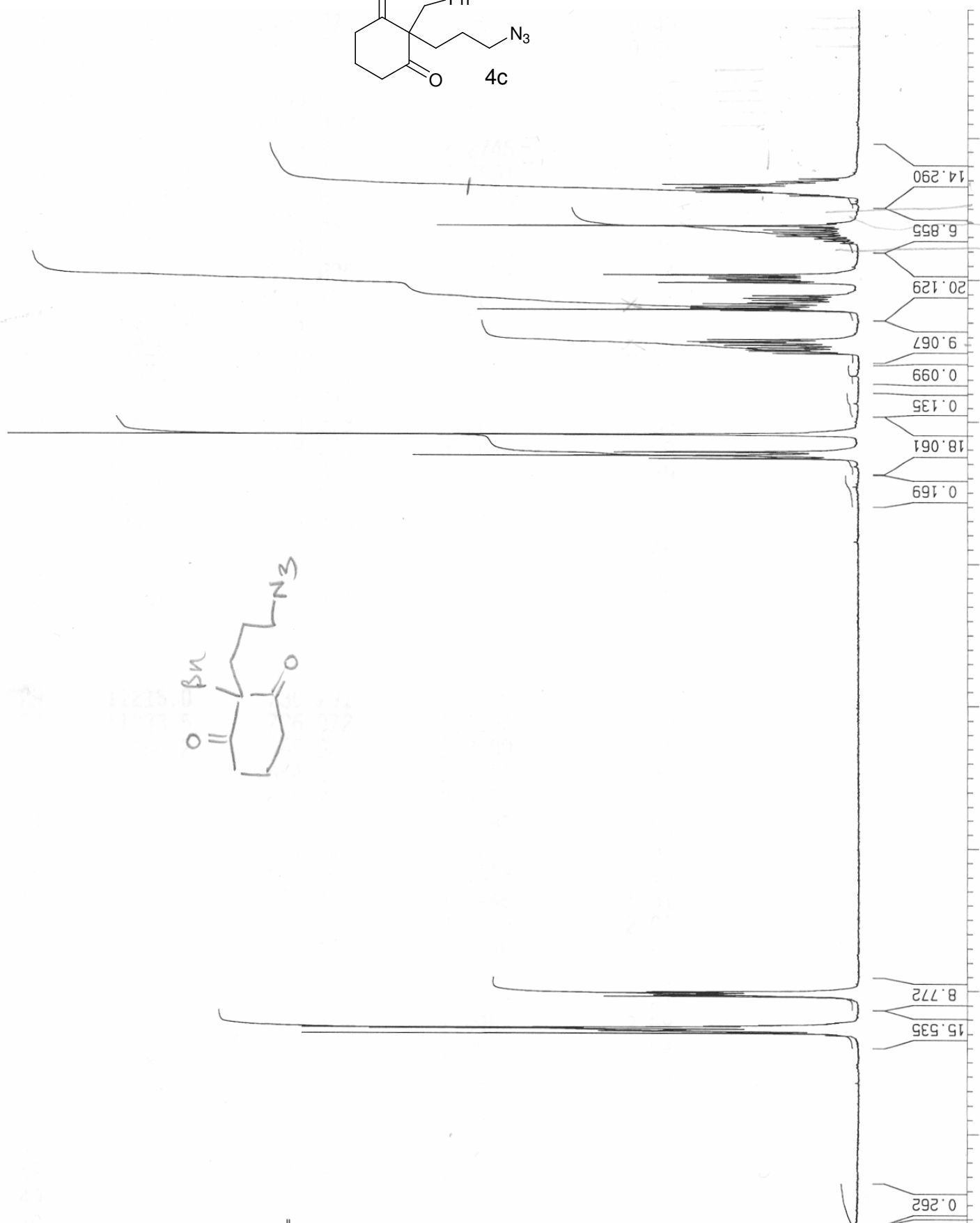
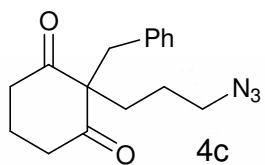






X : parts per Million : 13C





Current Data Parameters
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 EXPNO 11
 PROCNO 1

F2 - Acquisition Parameters

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 PULPROG zgpg30
 TD 32768
 SOLVENT CDC13
 NS 3200
 DS 2
 SWH 18832.393 Hz
 RG 16384
 DW 26.550 usec
 DE 6.00 usec
 D1 1.00000000 sec
 d11 0.03000000 sec
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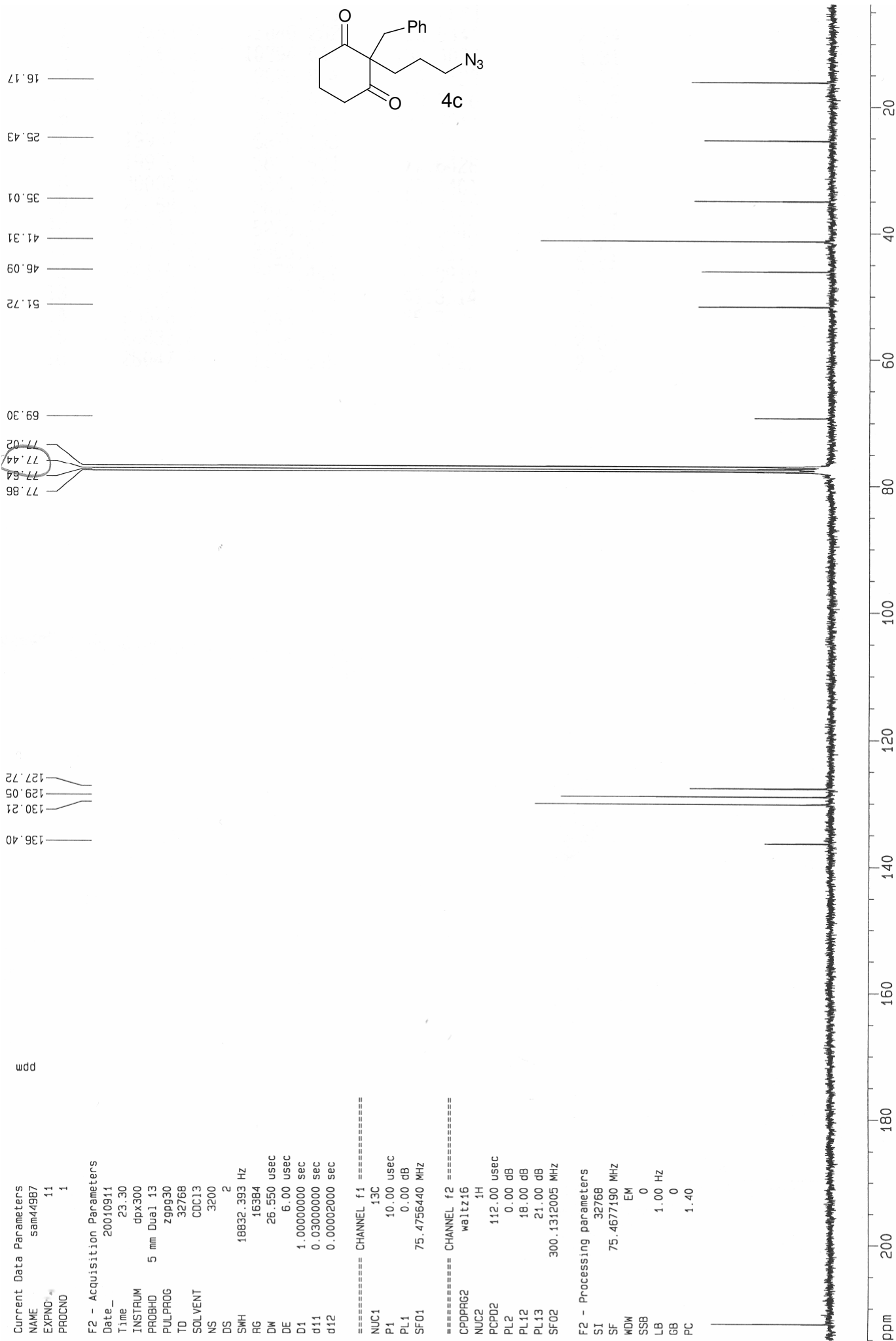
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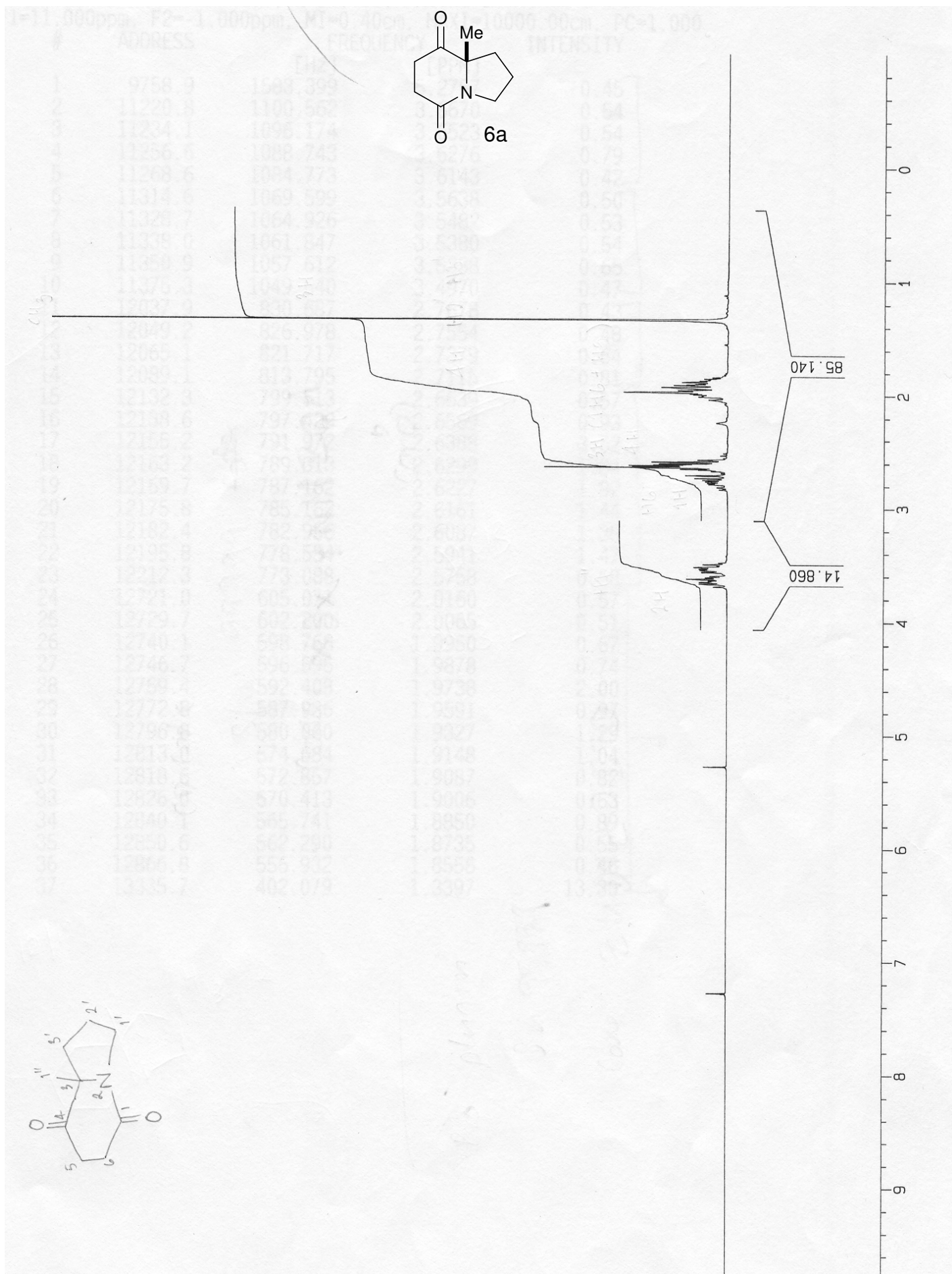
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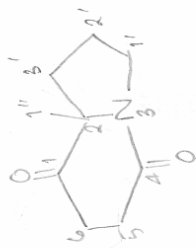
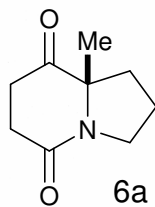
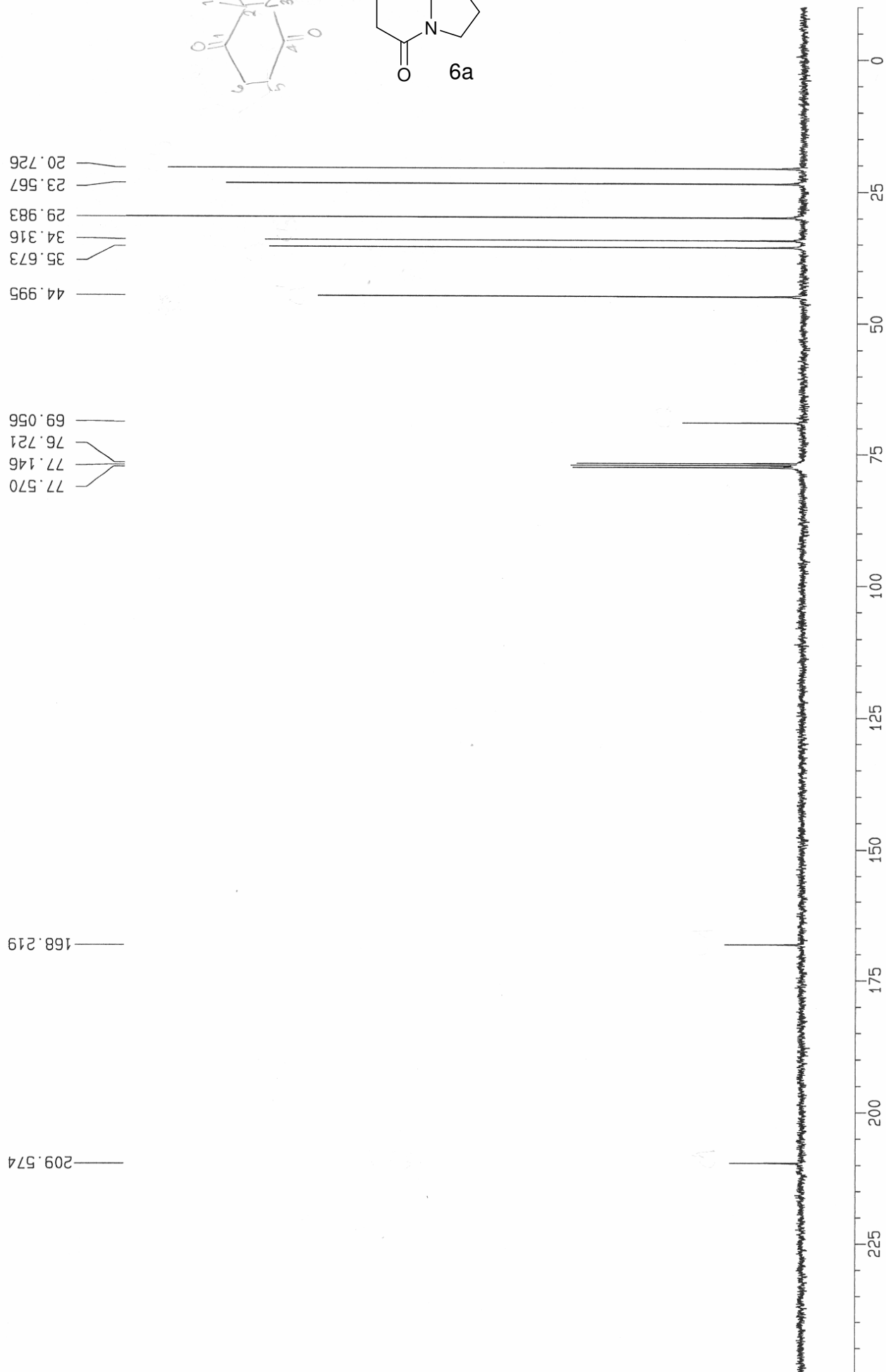
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 PCPD2 112.00 usec
 PL2 0.00 dB
 PL12 18.00 dB
 PL13 21.00 dB
 SF02 300.1312005 MHz

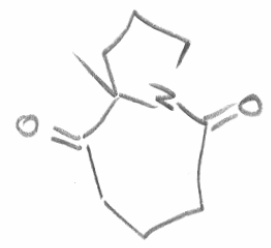
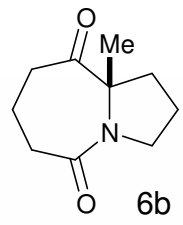
F2 - Processing parameters

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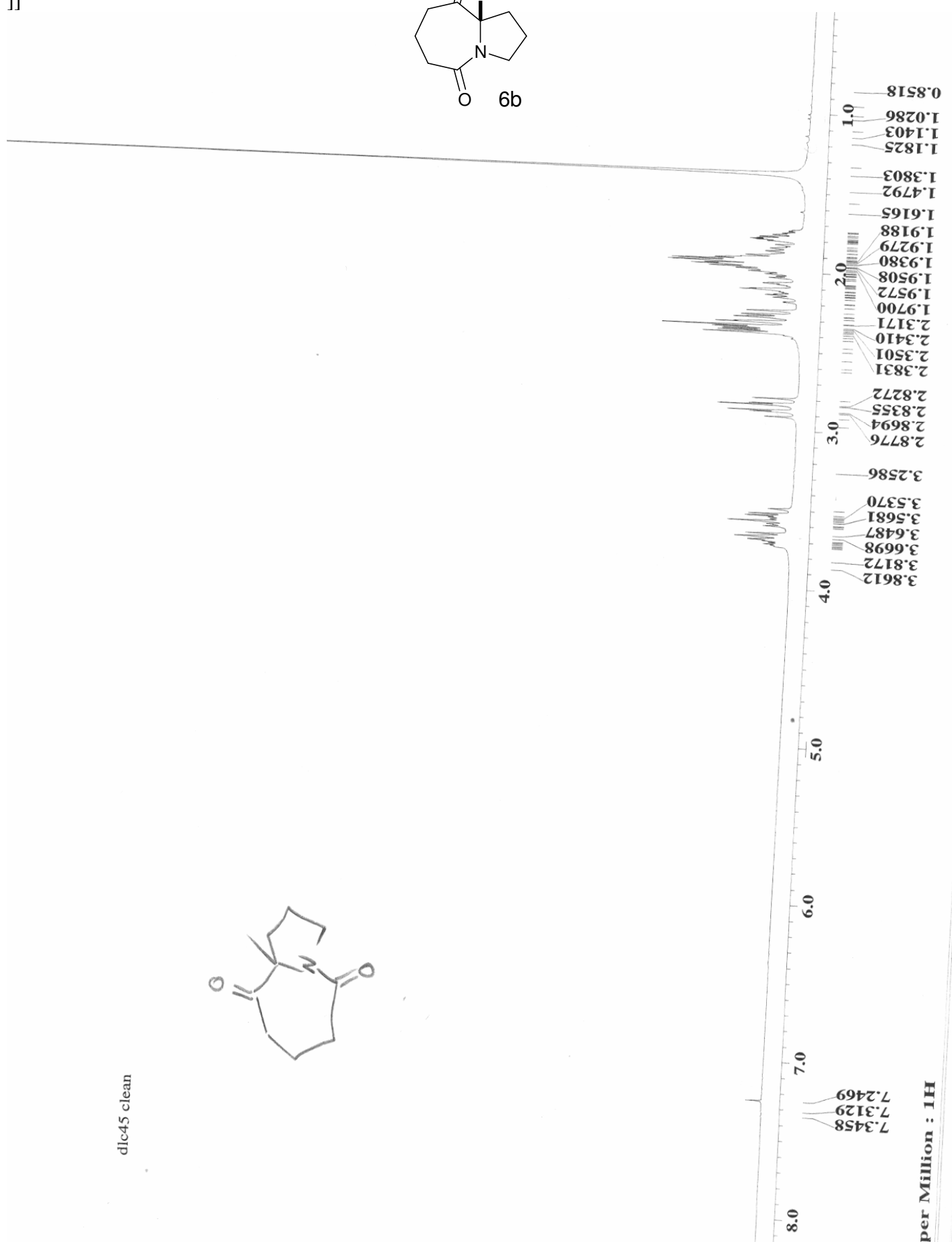


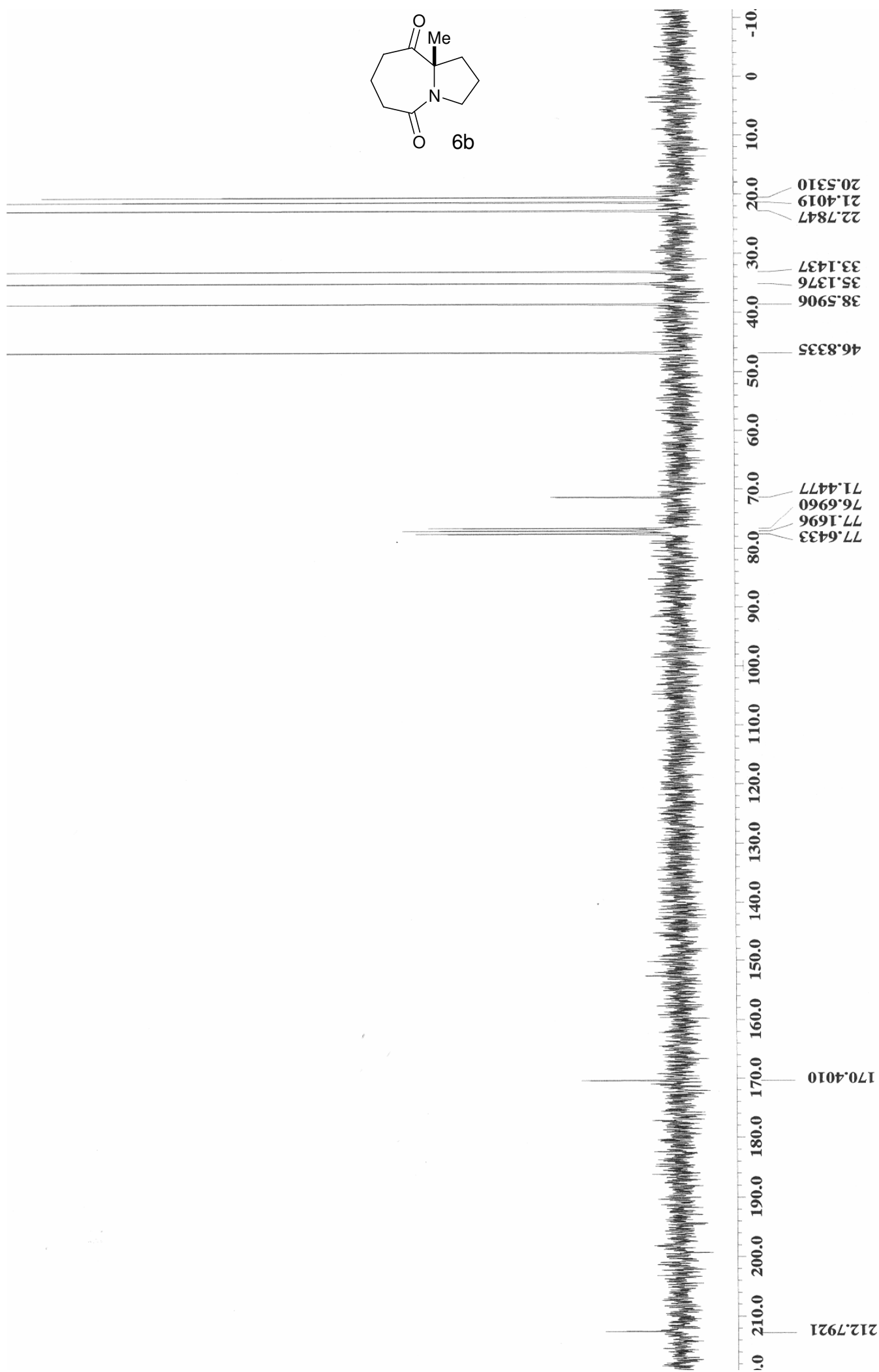
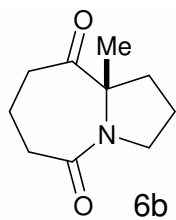




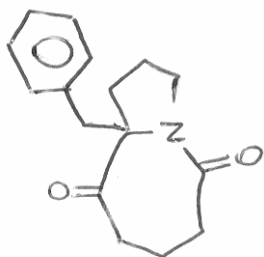


dlc45 clean

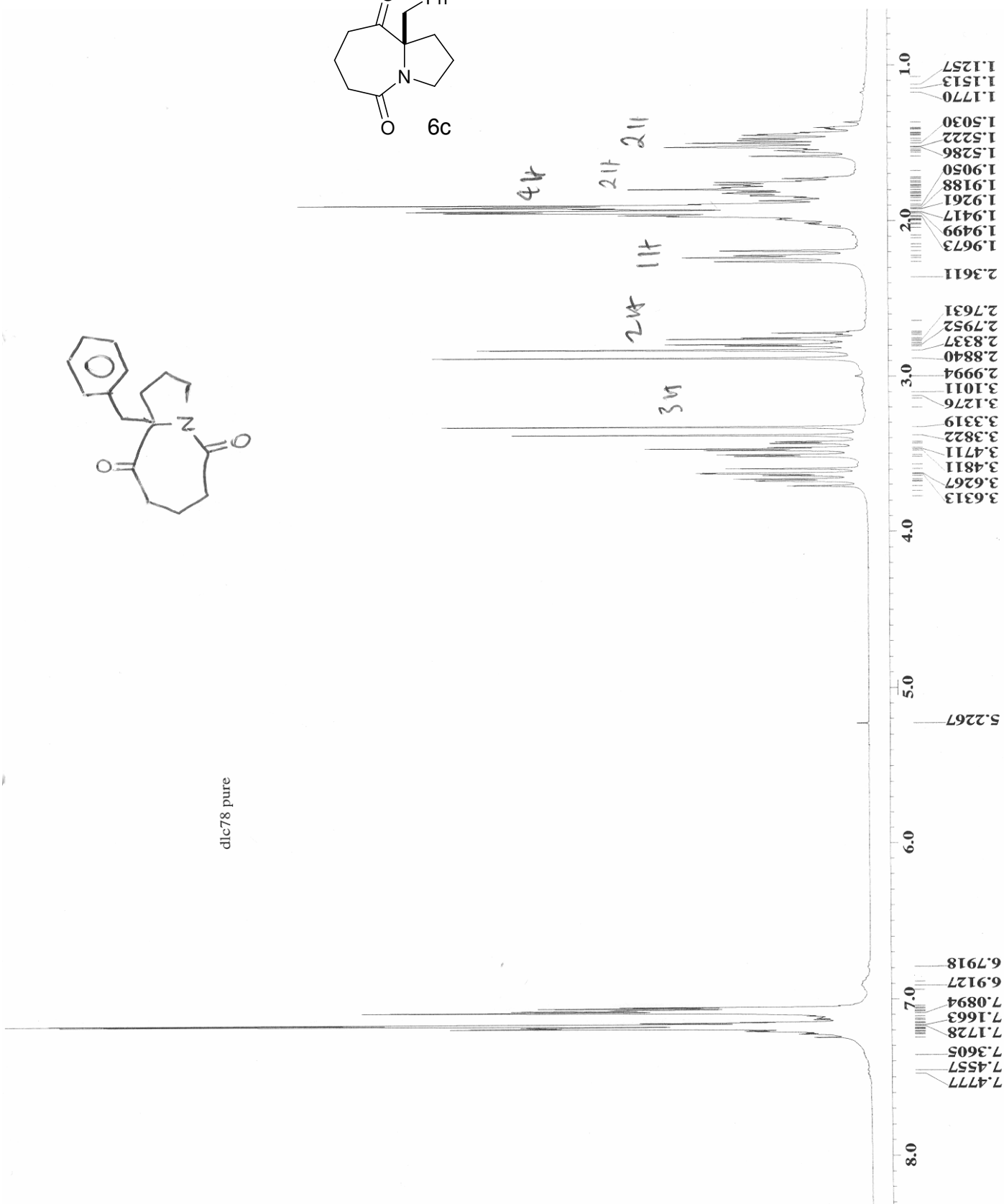
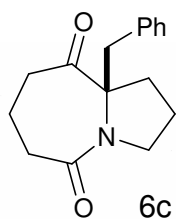


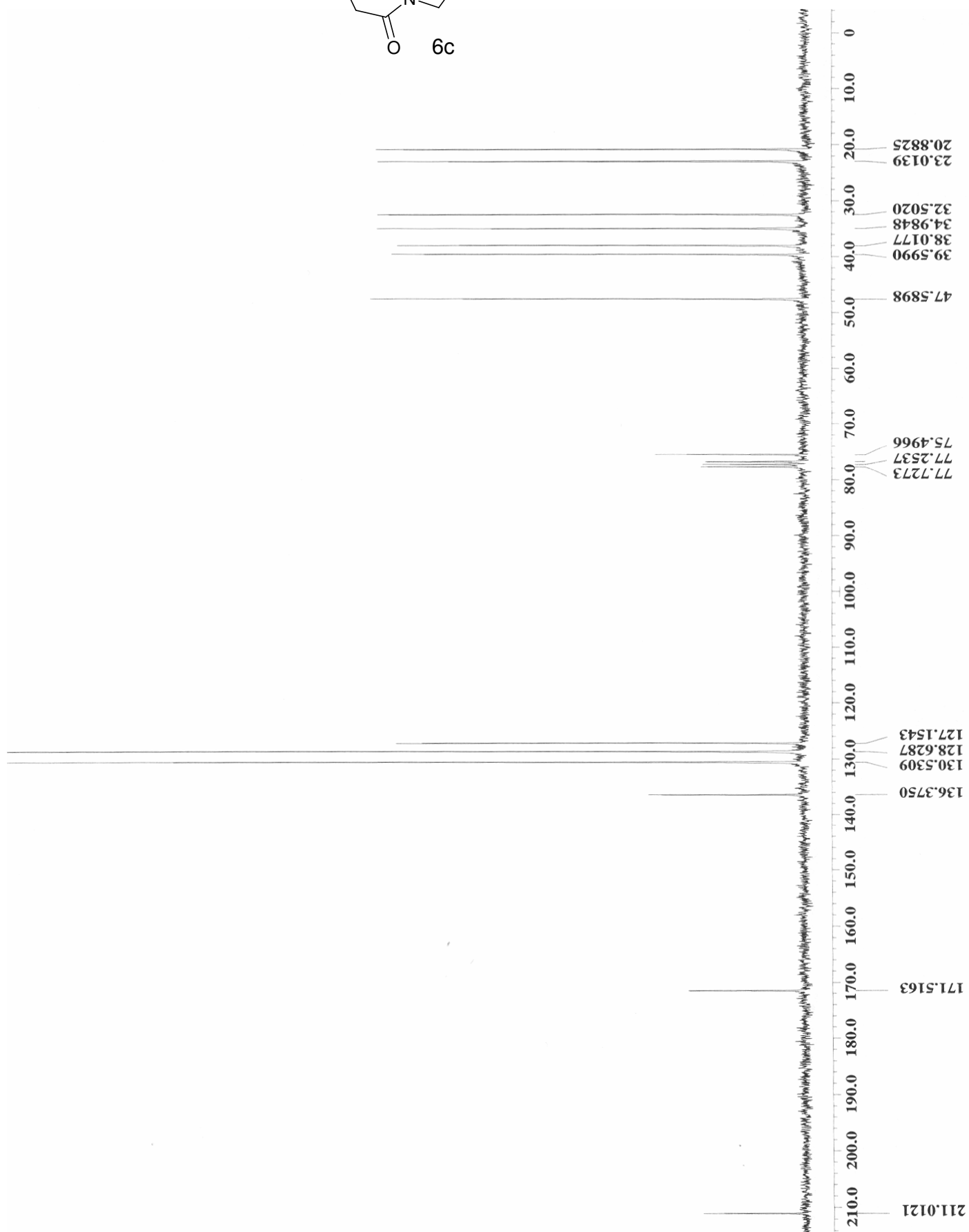
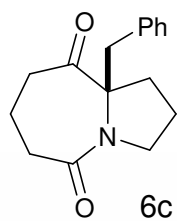


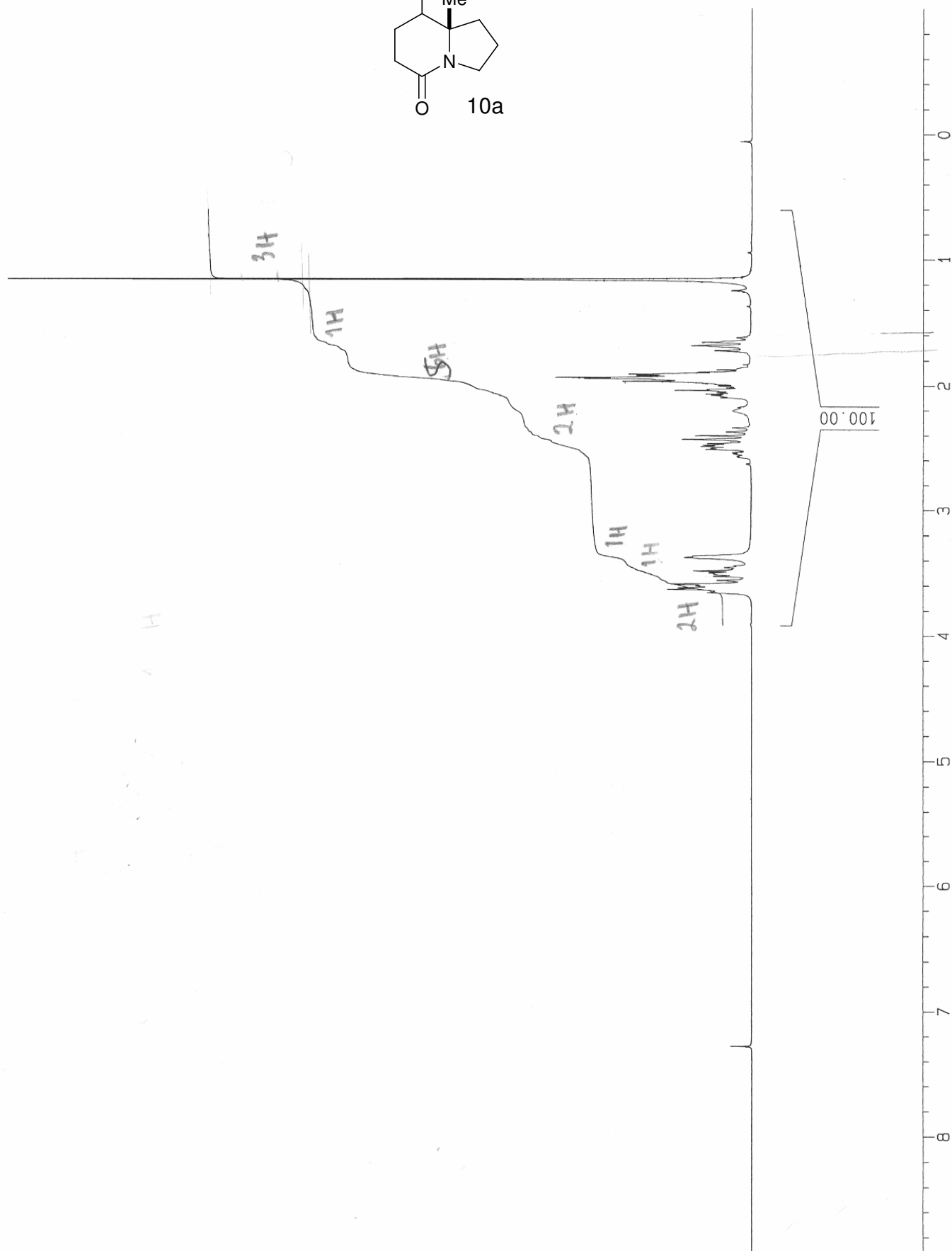
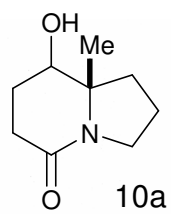
X : parts per Million : 13C

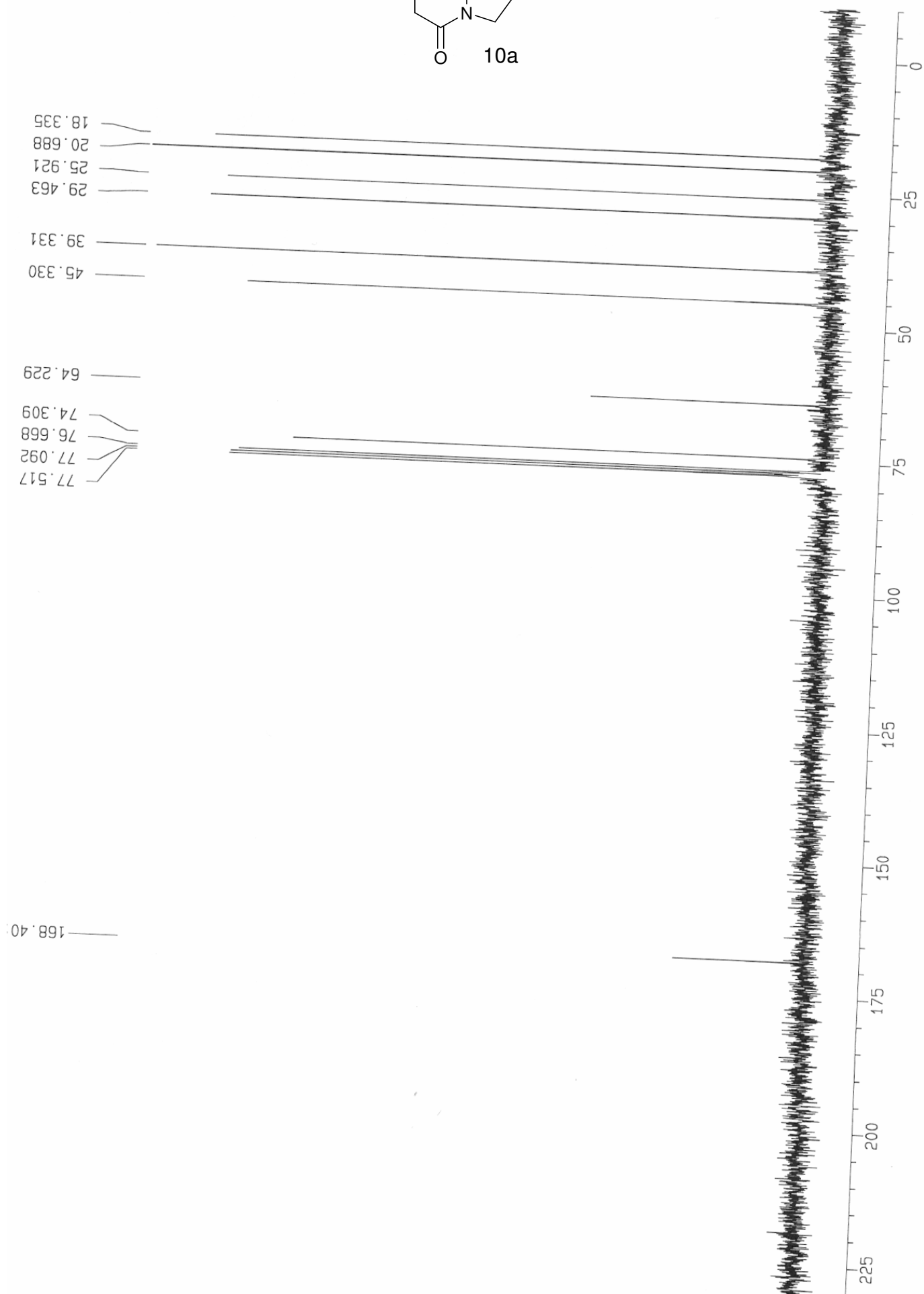
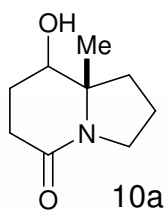


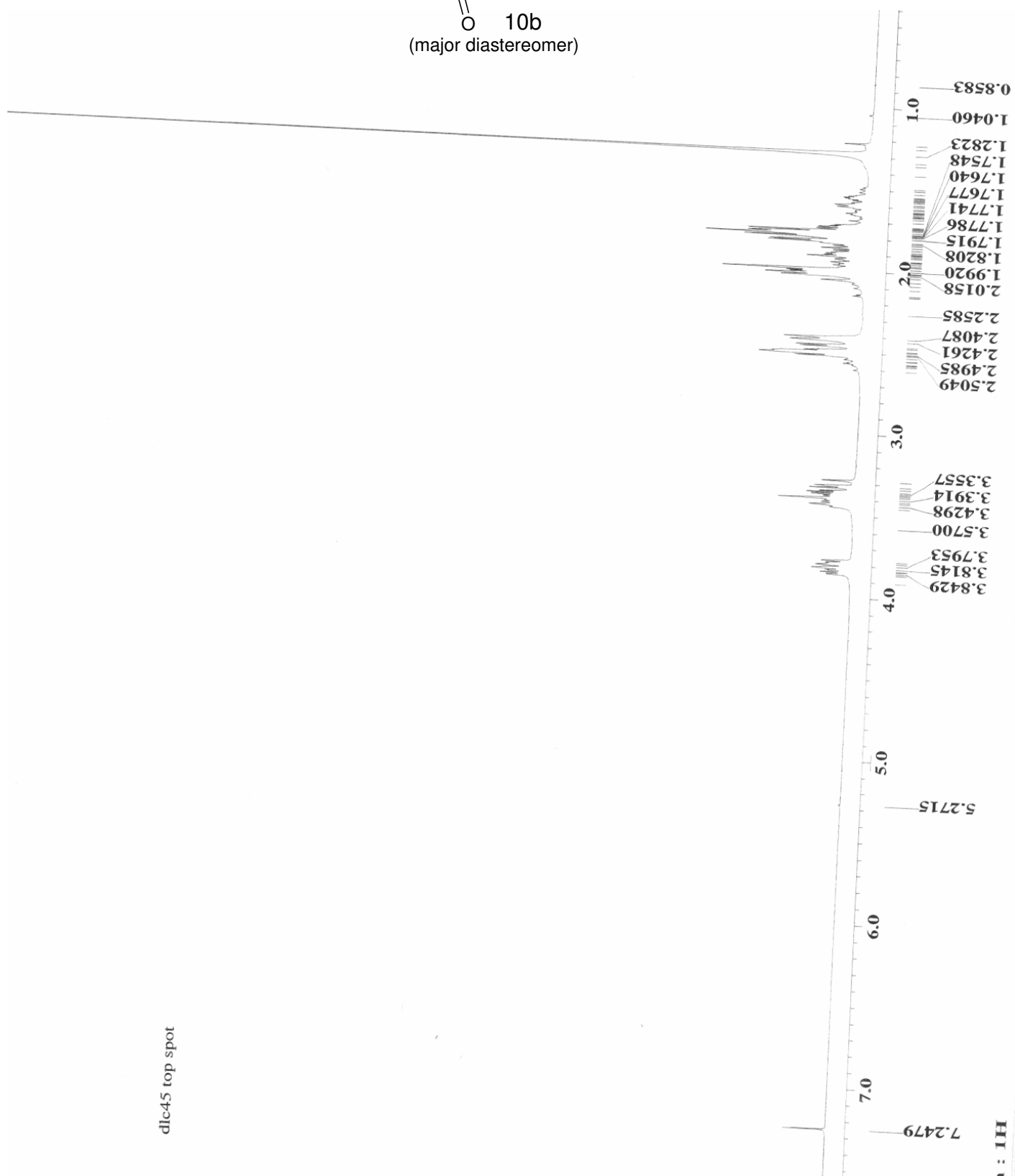
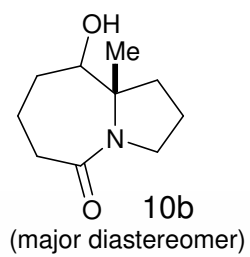
dlc78 pure



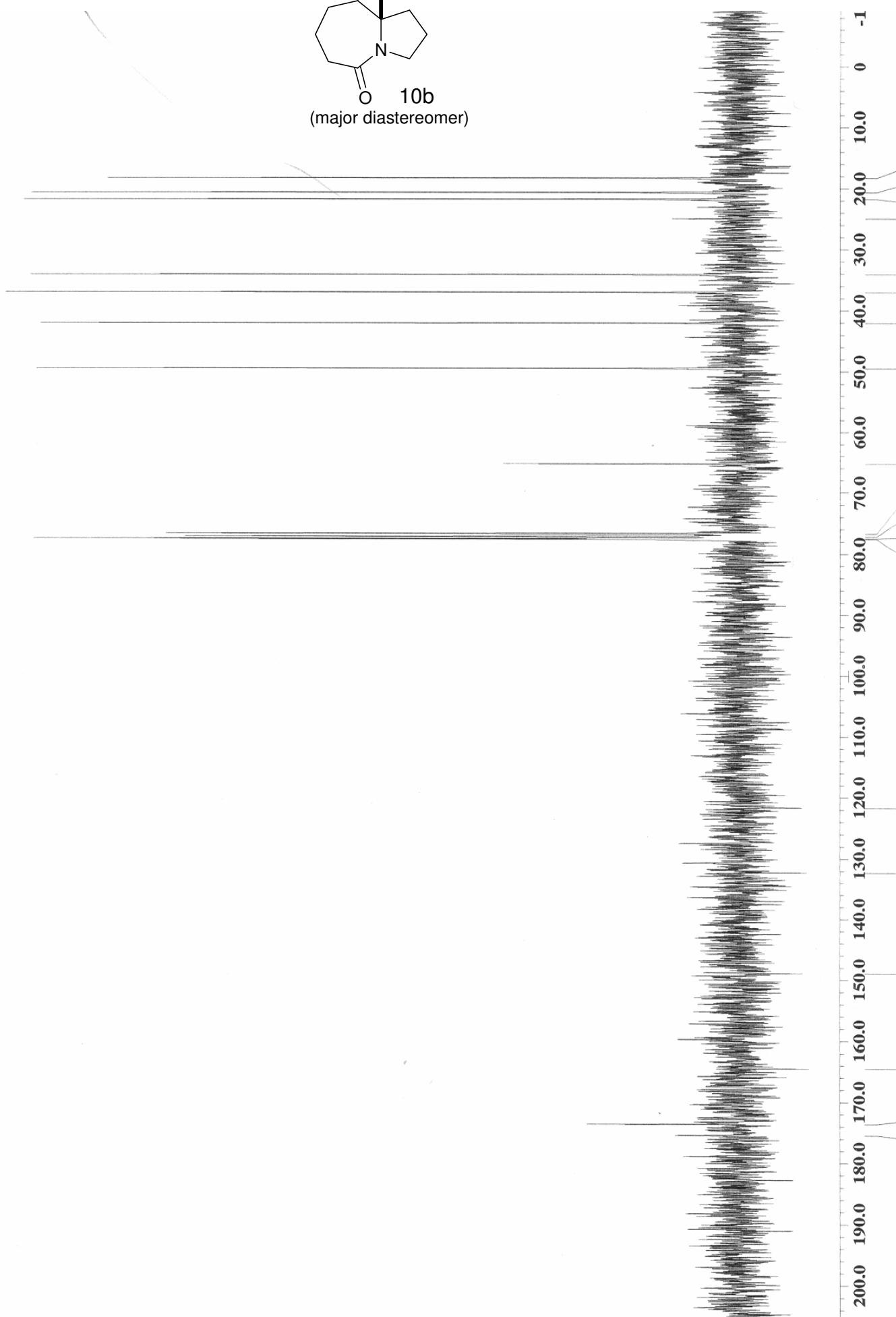
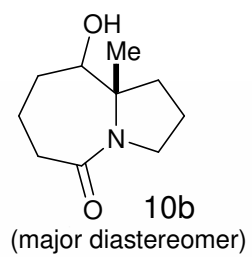


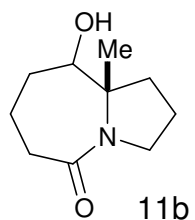




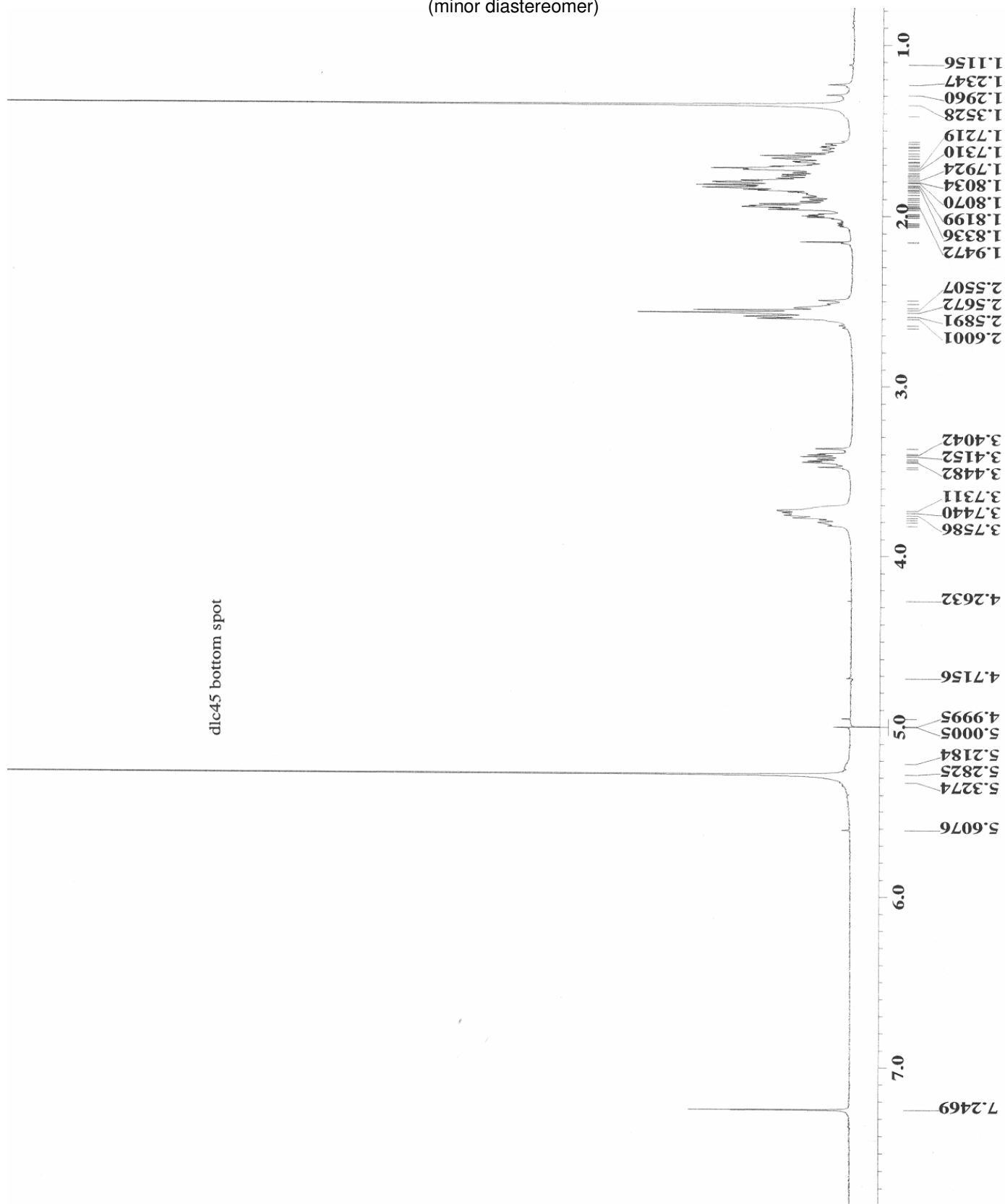


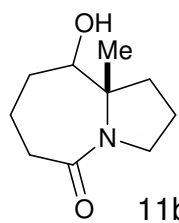
dlc45 top spot



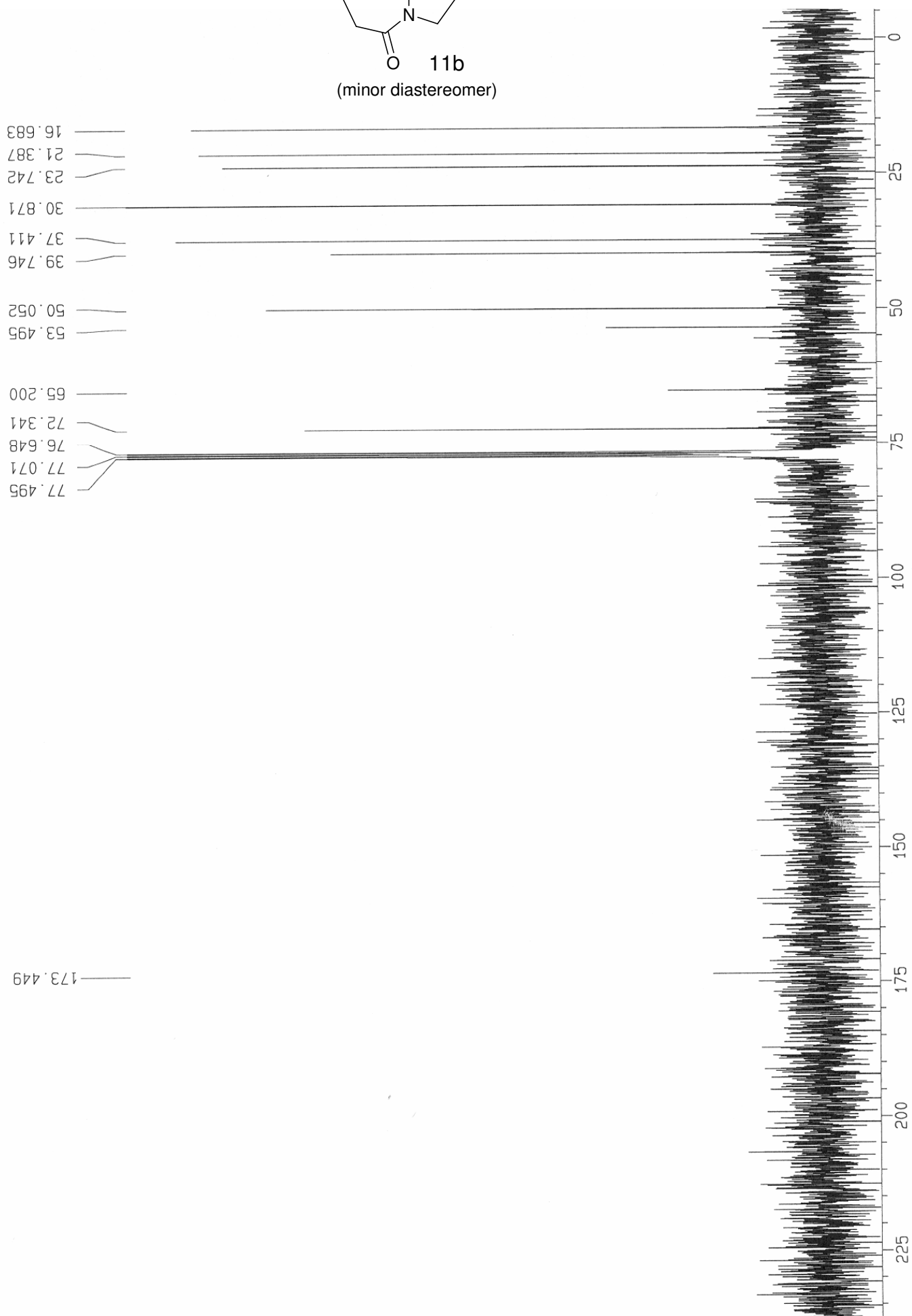


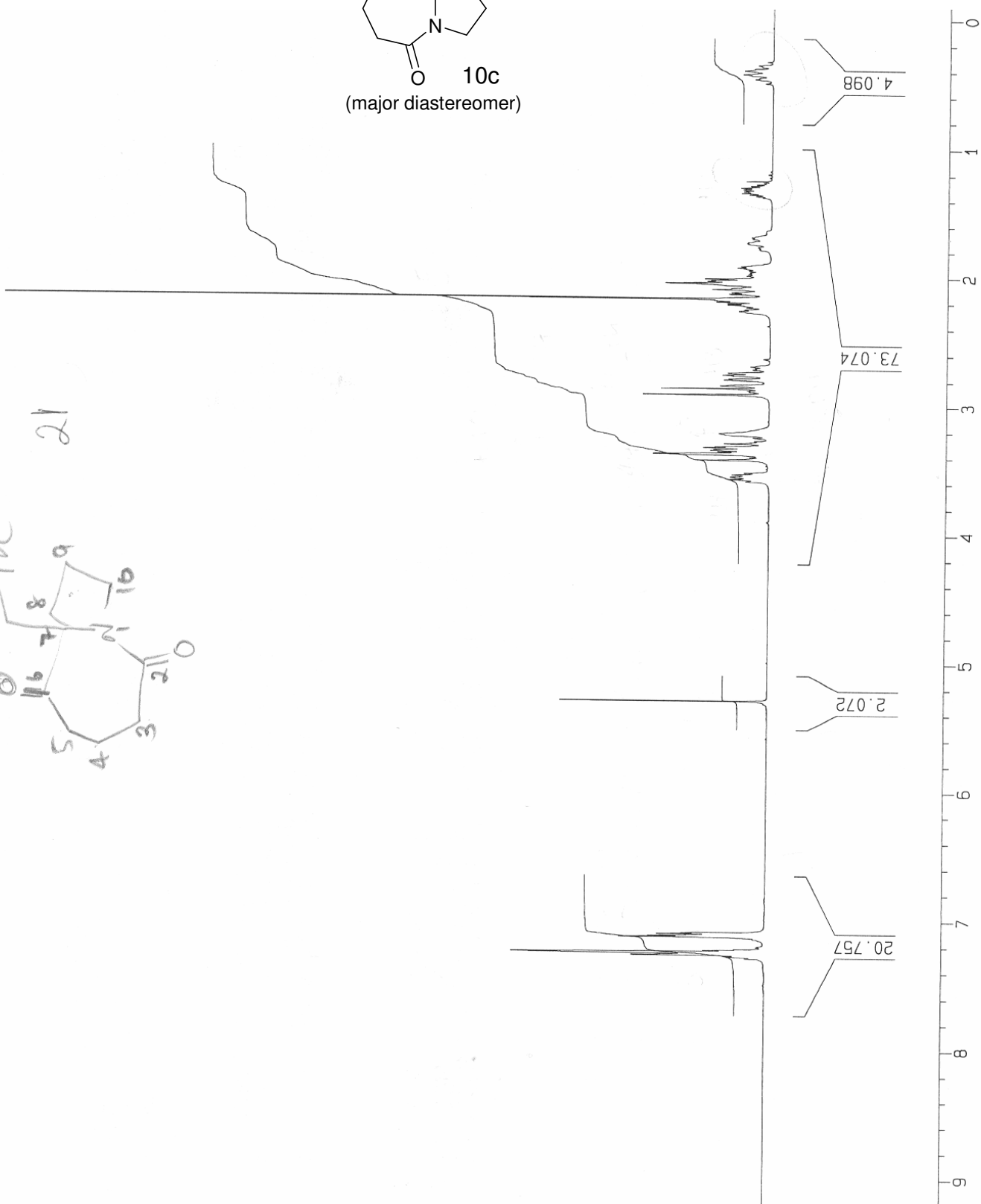
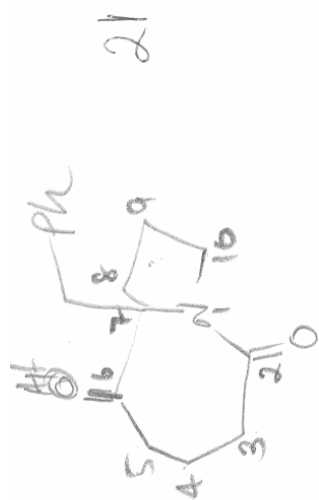
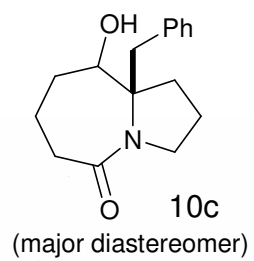
(minor diastereomer)

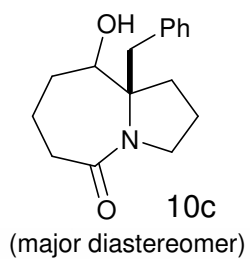




11b
(minor diastereomer)







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 22.035
 30.966
 33.692
 36.108
 37.290
 38.957
 50.080
 53.491

68.681
 76.711
 77.134
 77.558
 78.076

126.692
 128.450
 130.261
 137.406

173.889

