

Supporting Information

Unexpected *N*-Glycosidation Reaction of Glycals with 1-Amino-anthracene: Structure Revision and Application to the Synthesis of New Analogues of Marmycin A

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Content

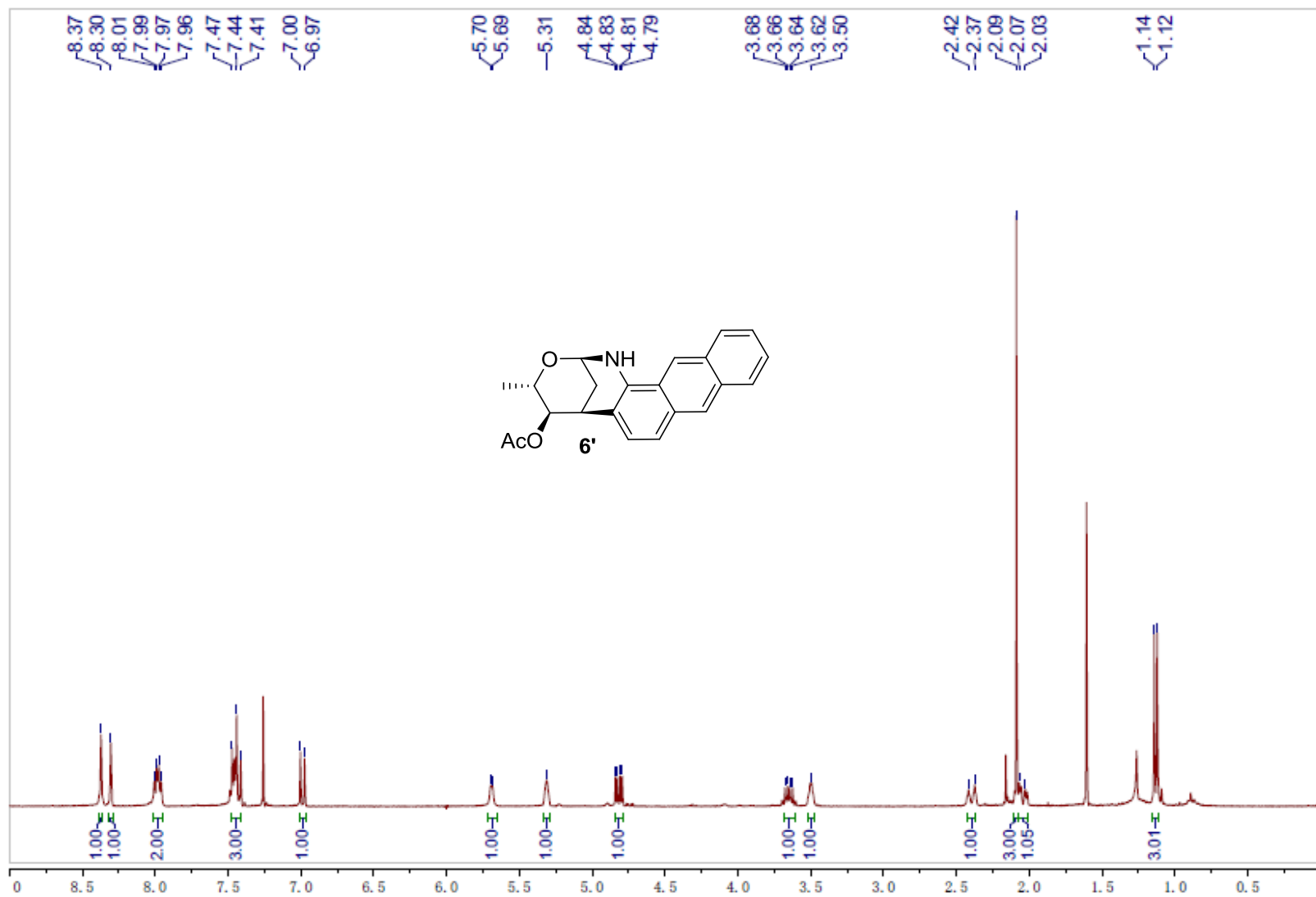
Spectroscopic Data for all new compounds	S2-S43
CD Spectra of compounds 22 and 23	S44-46

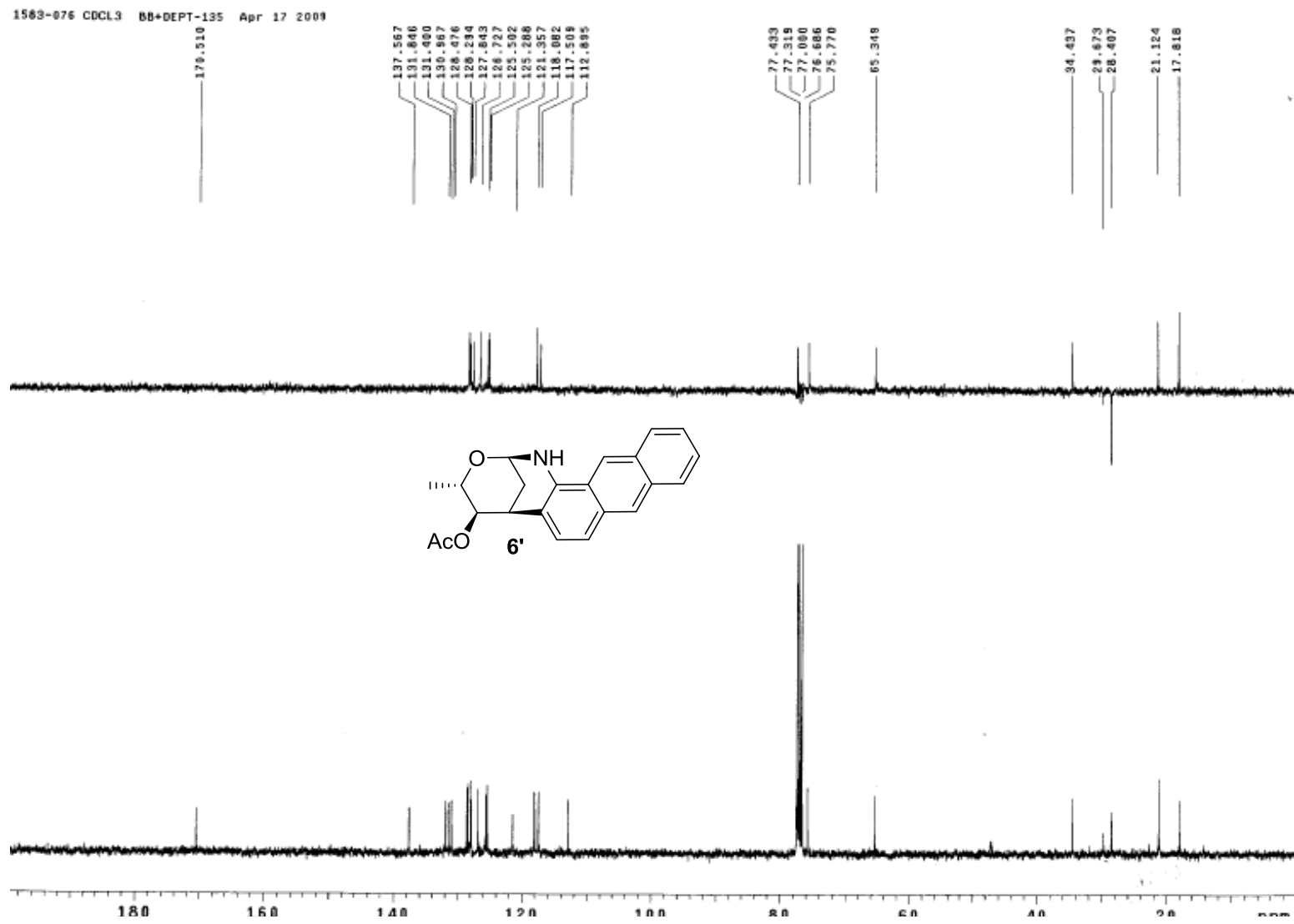
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[‡] Department of Medicinal Chemistry, China Pharmaceutical University.

[#] These two authors contributed equally to this work.

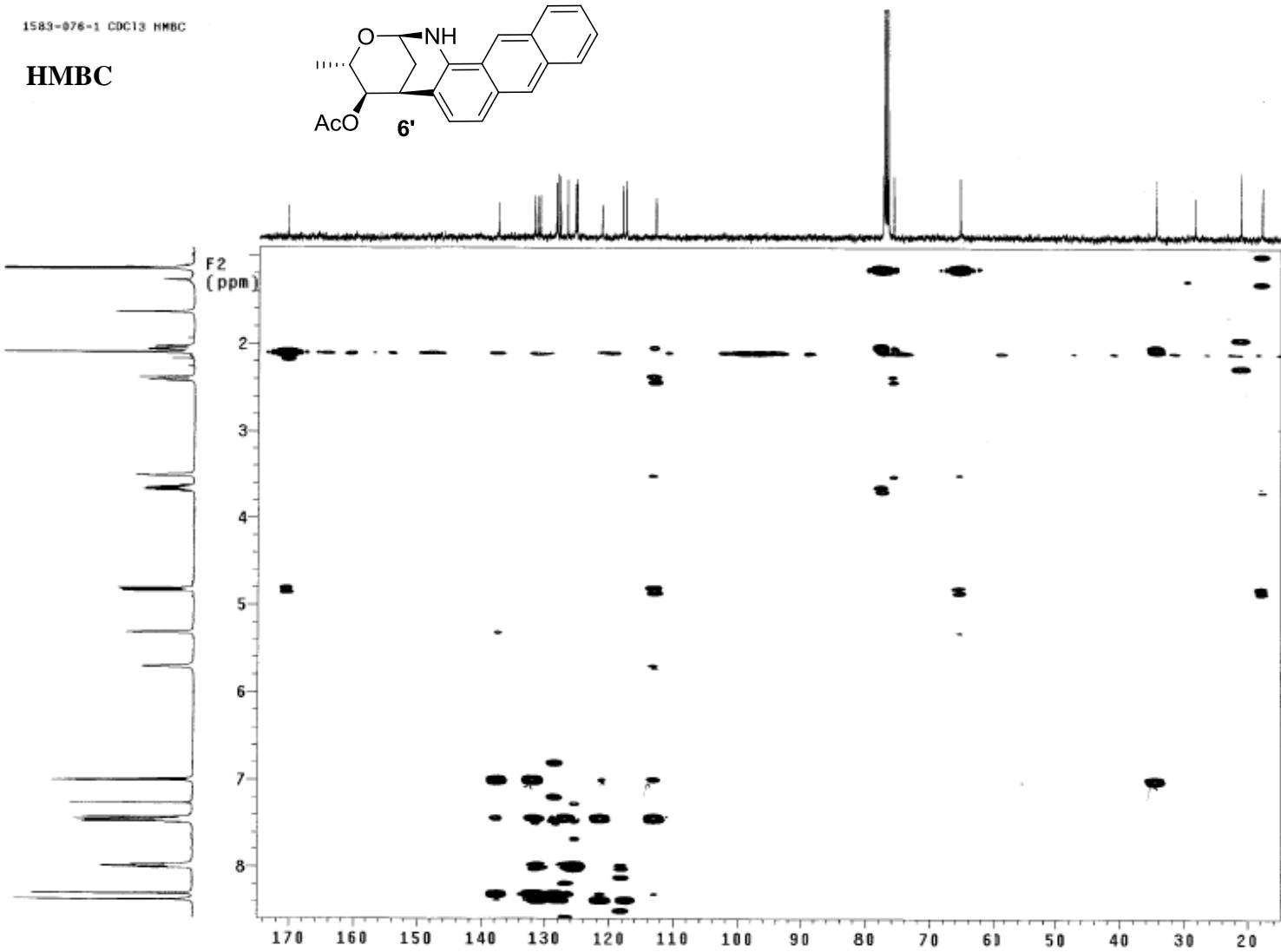
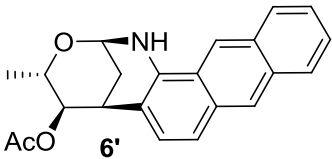
Spectroscopic Data for Products

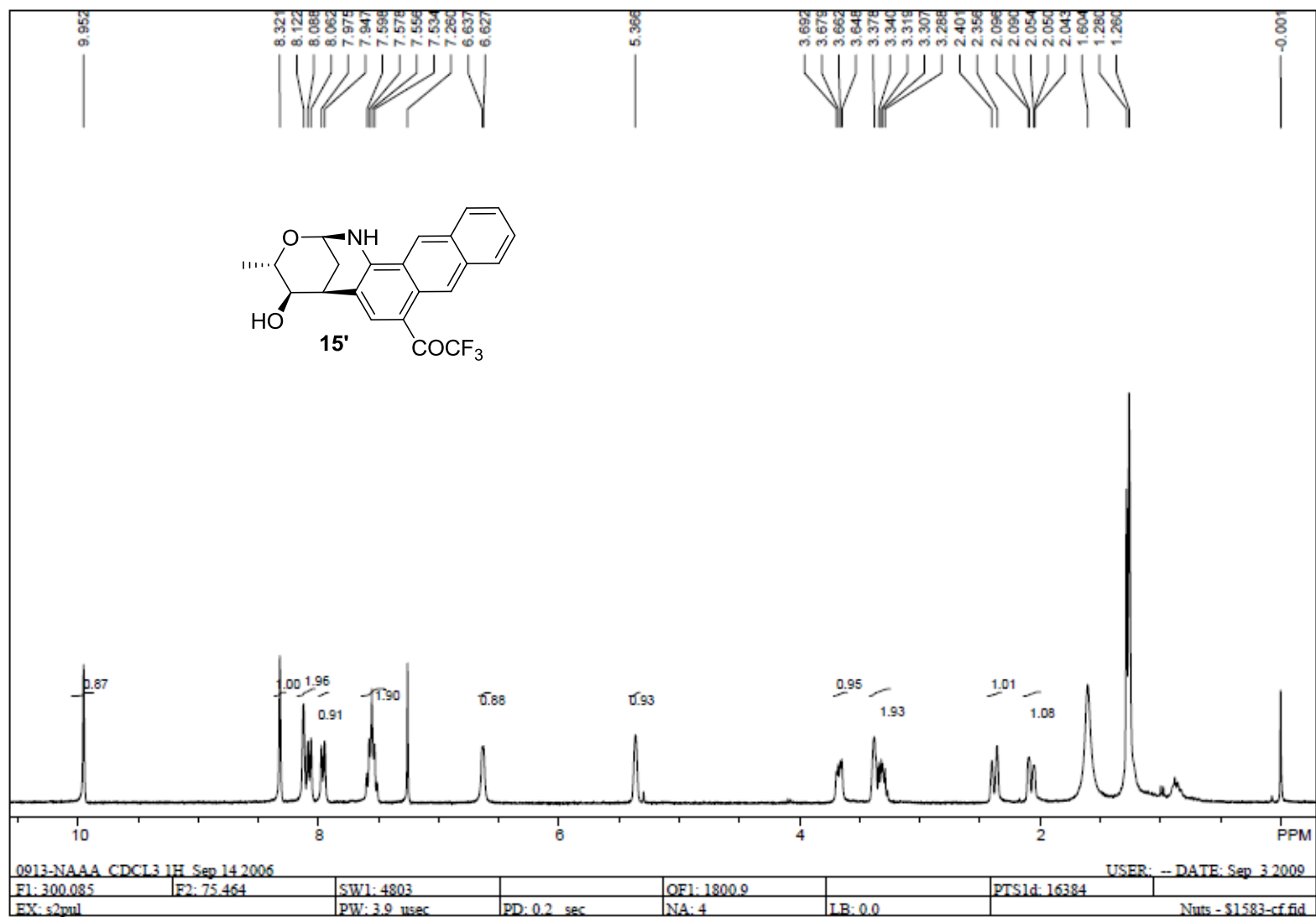


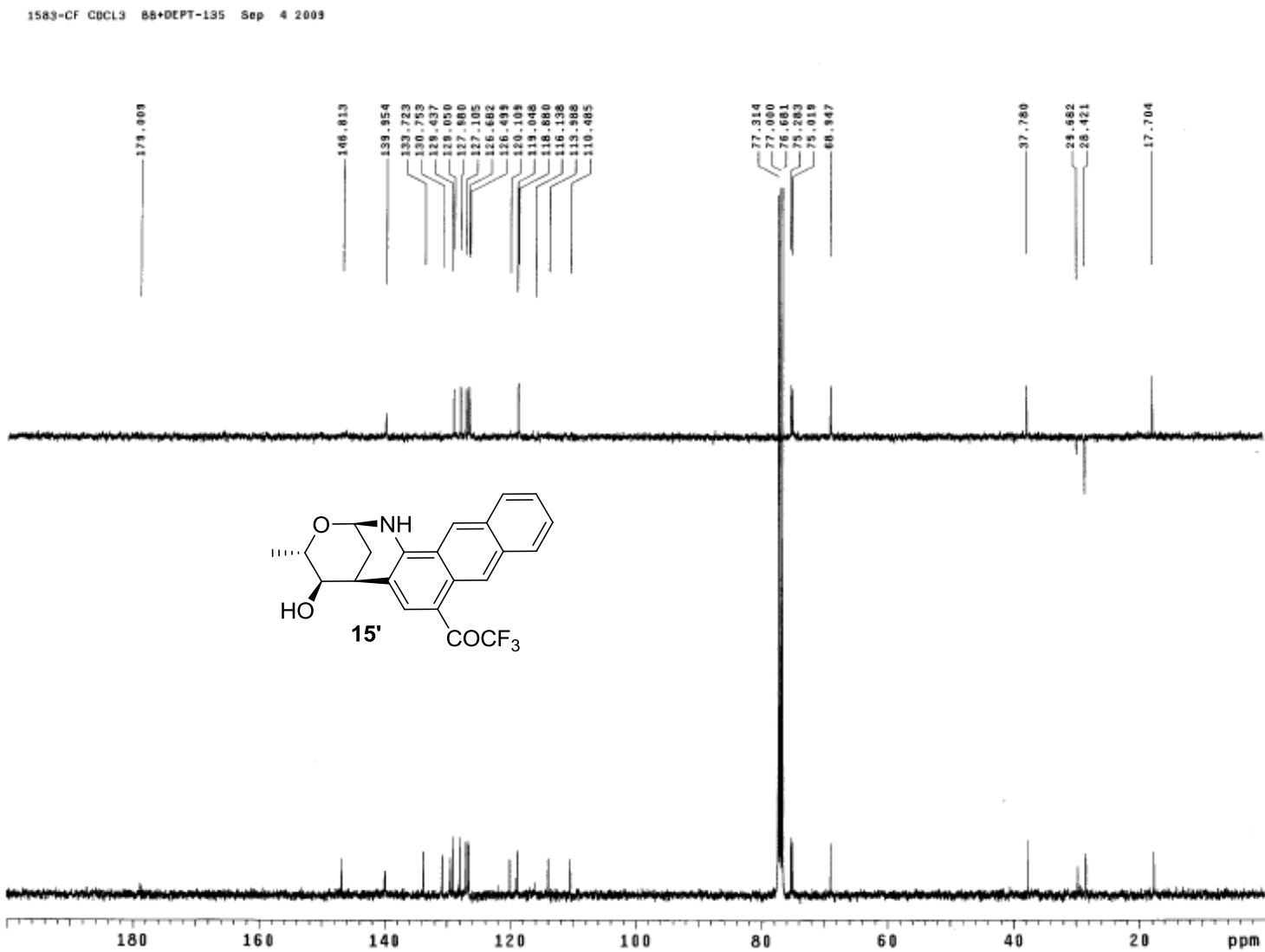


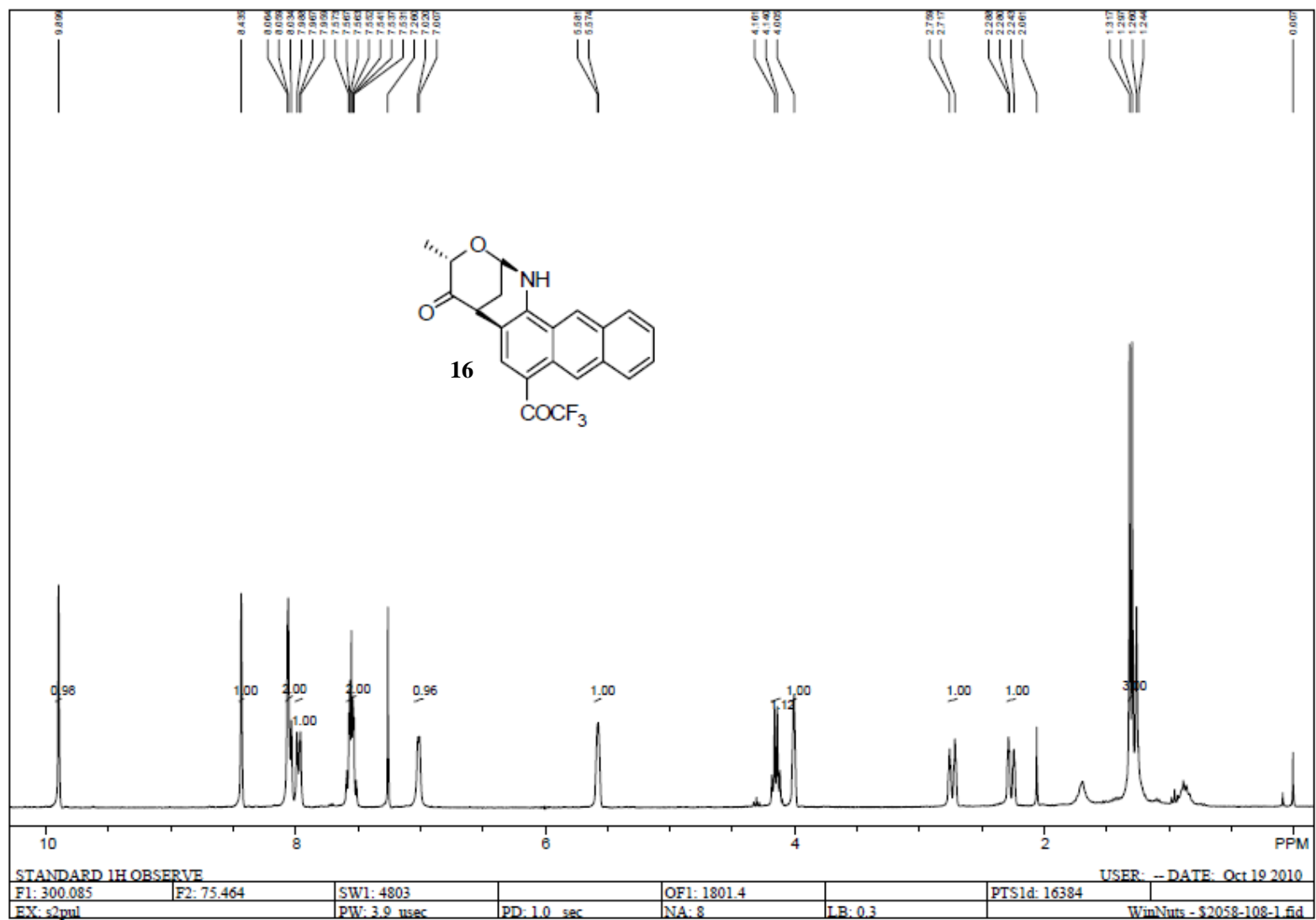
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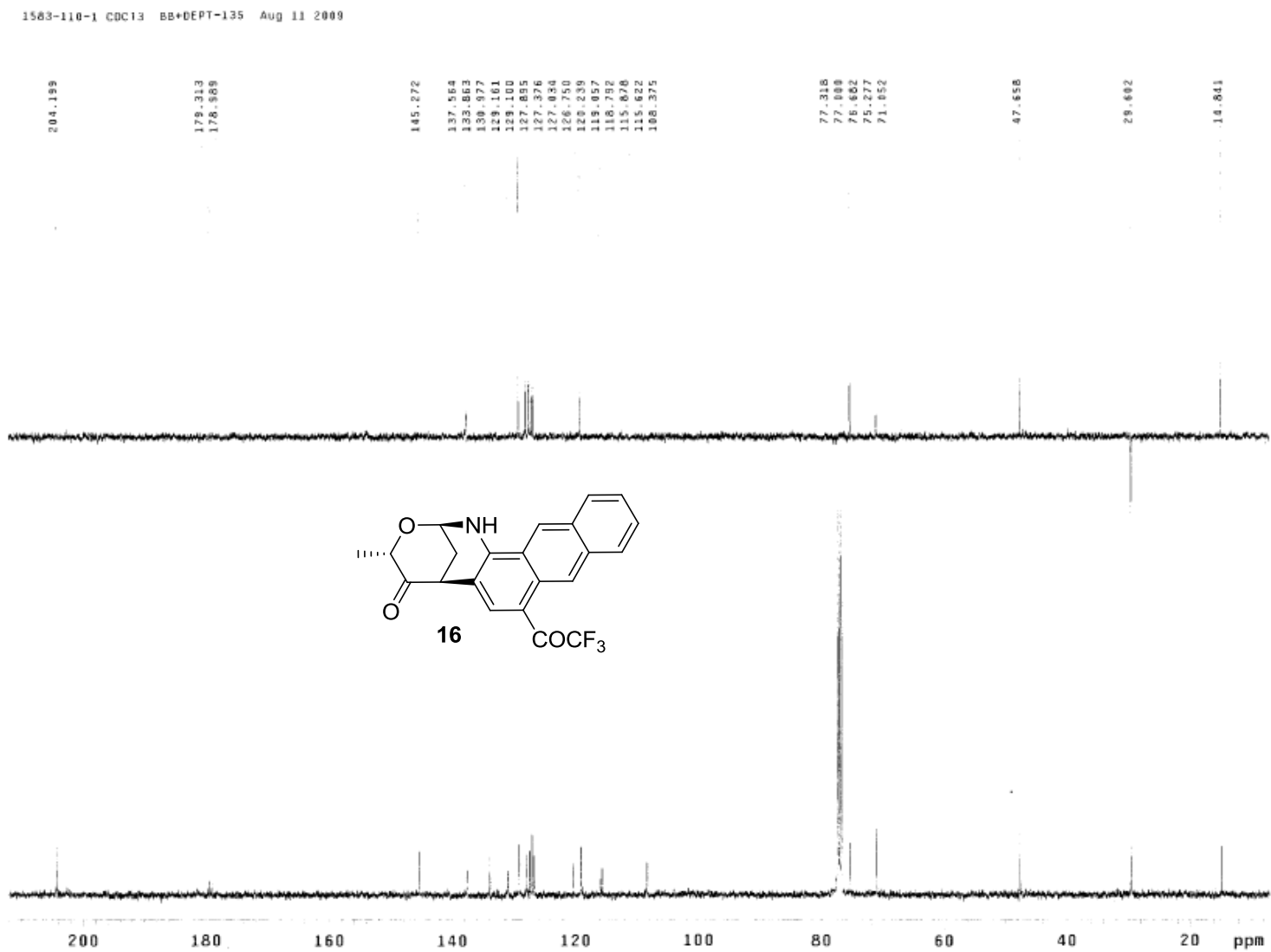
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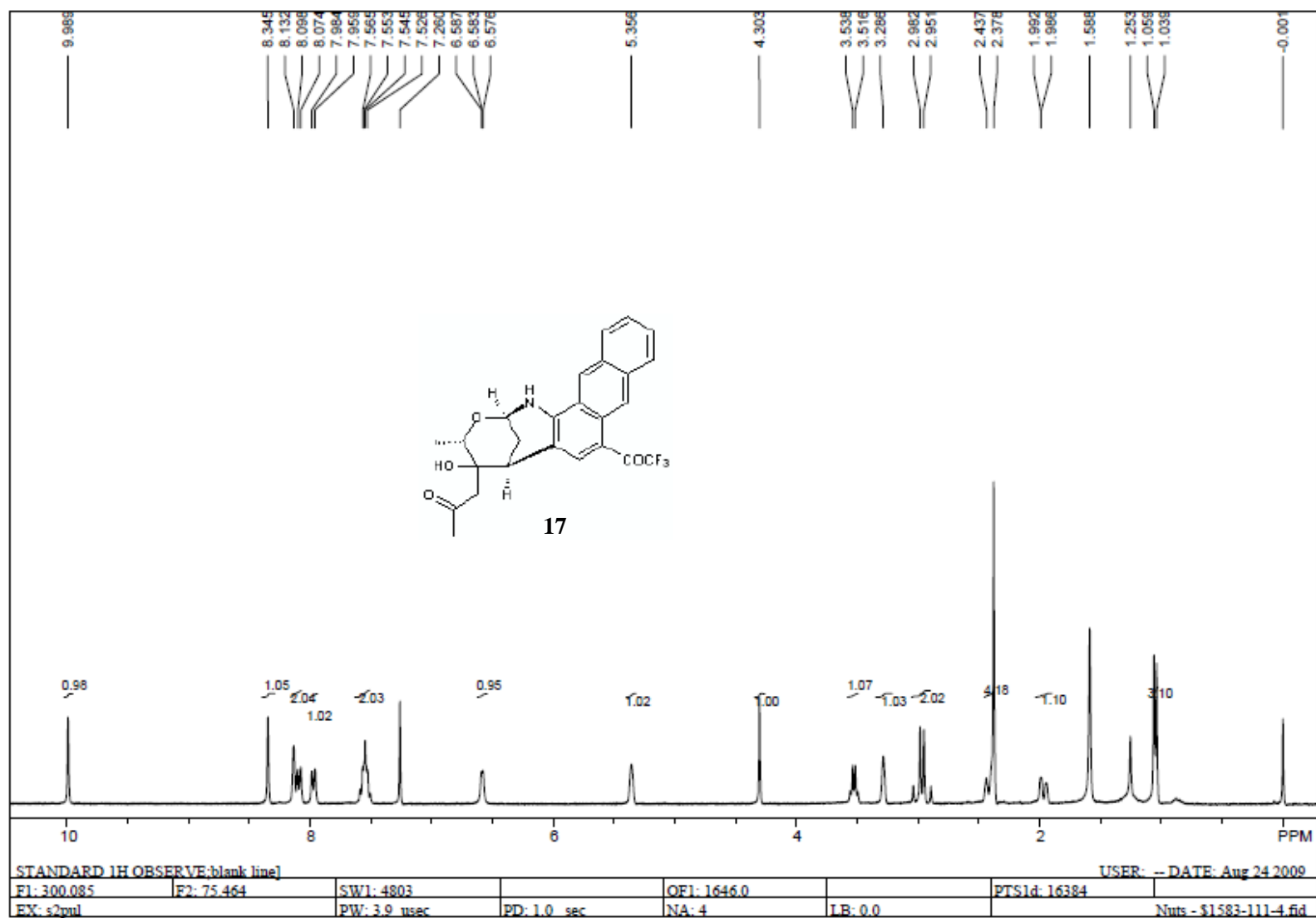


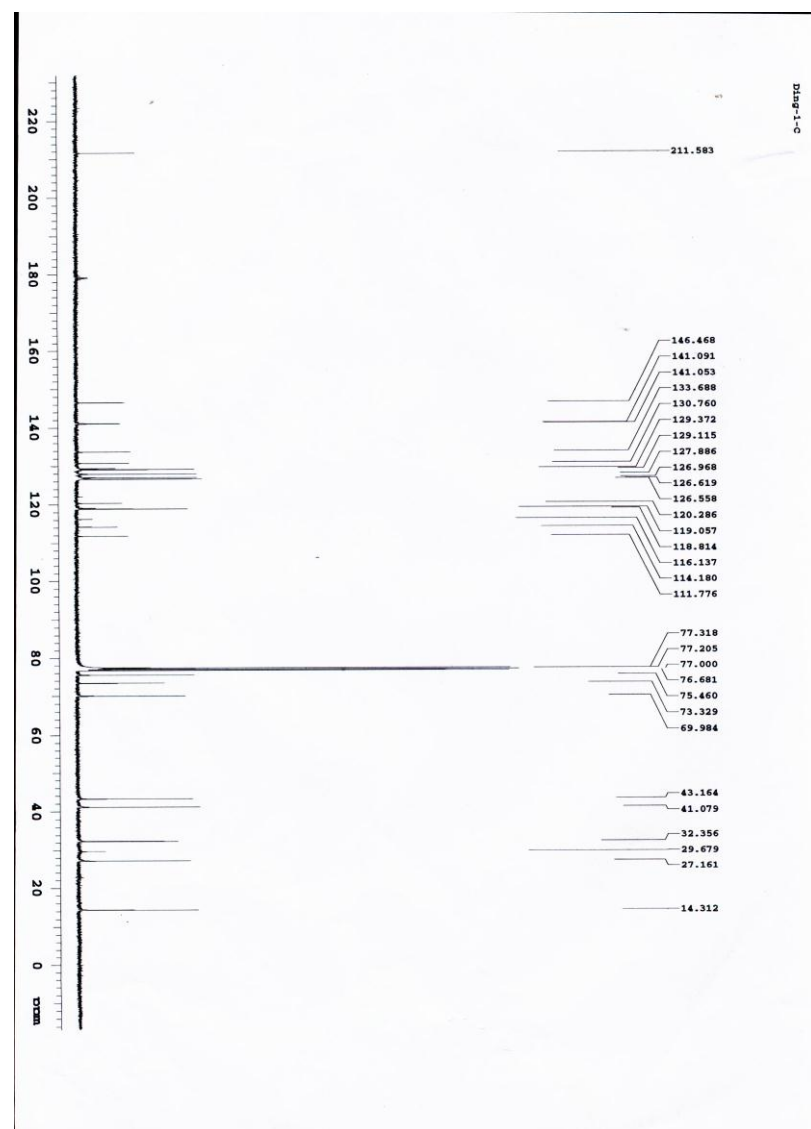
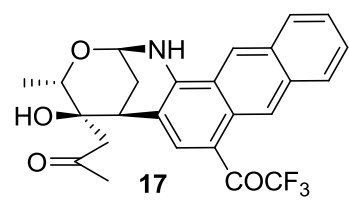


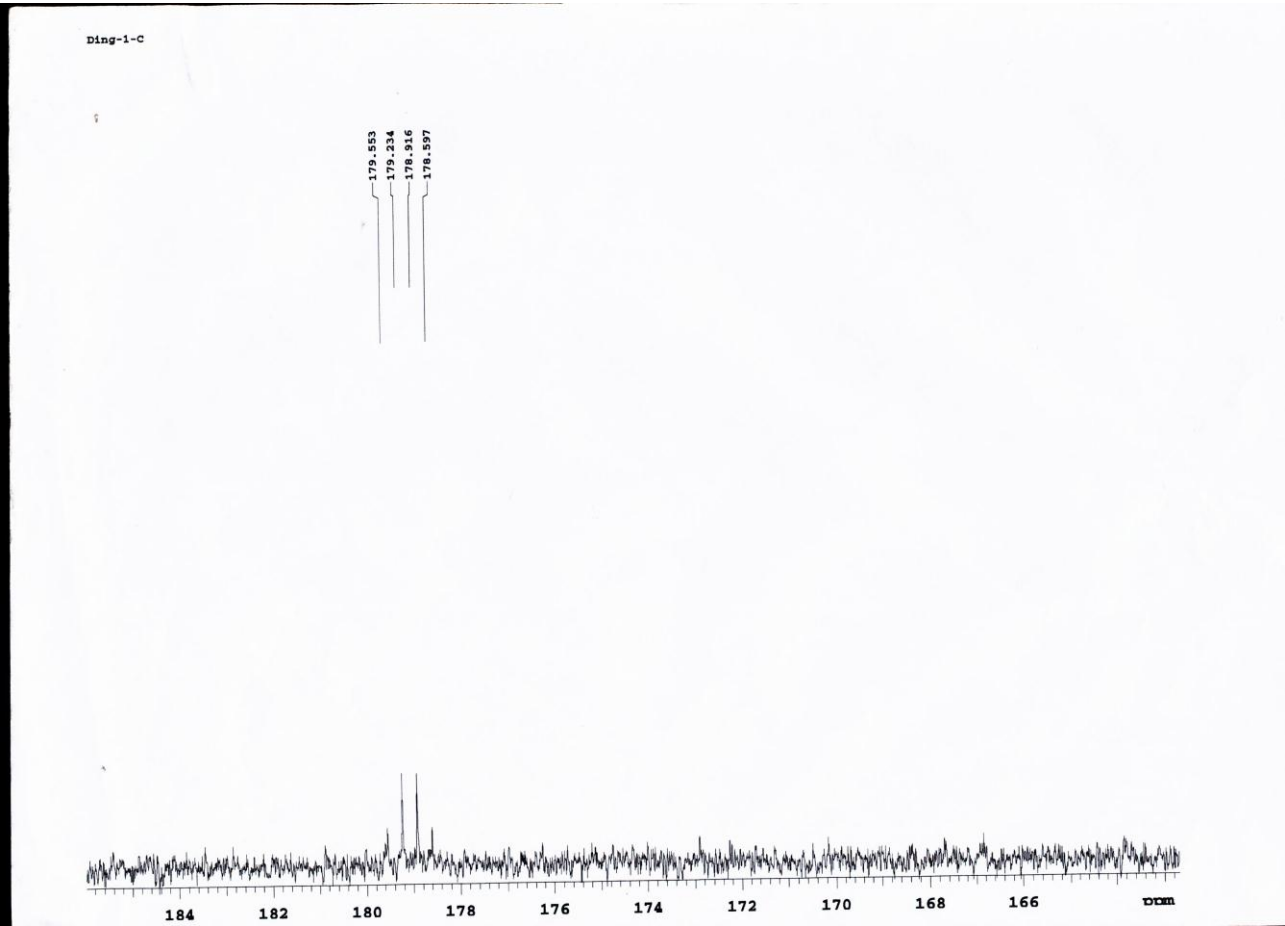


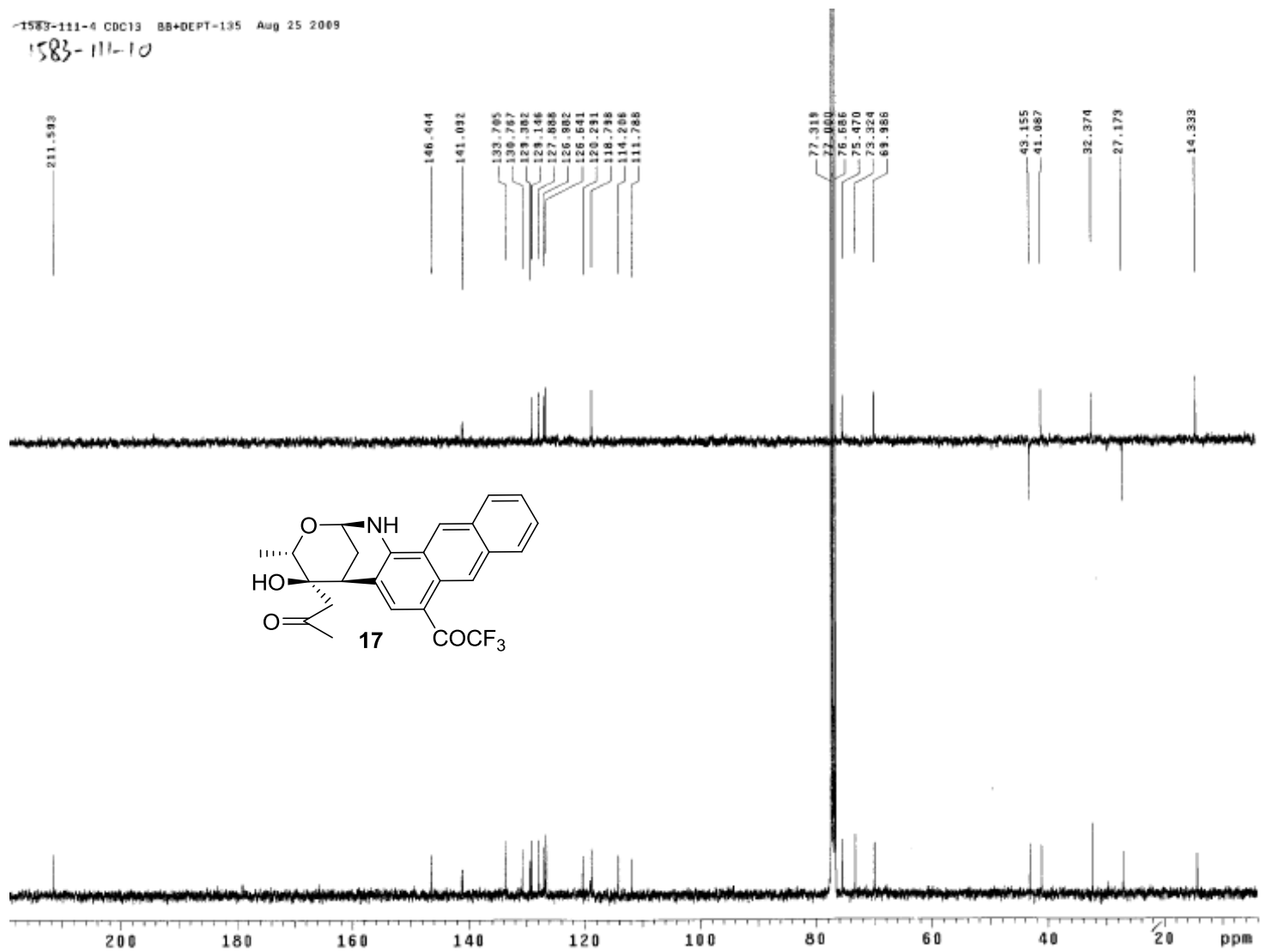




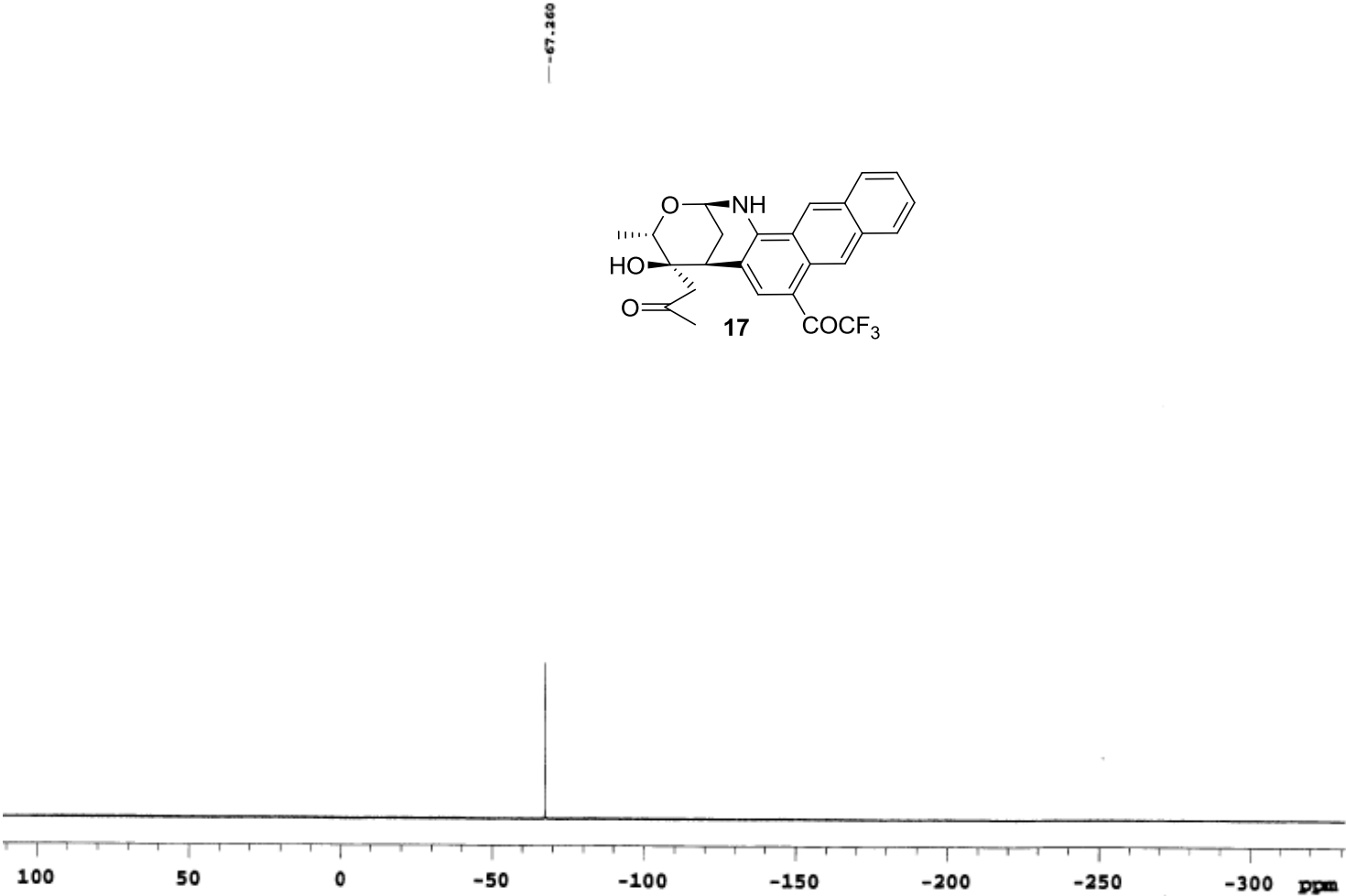






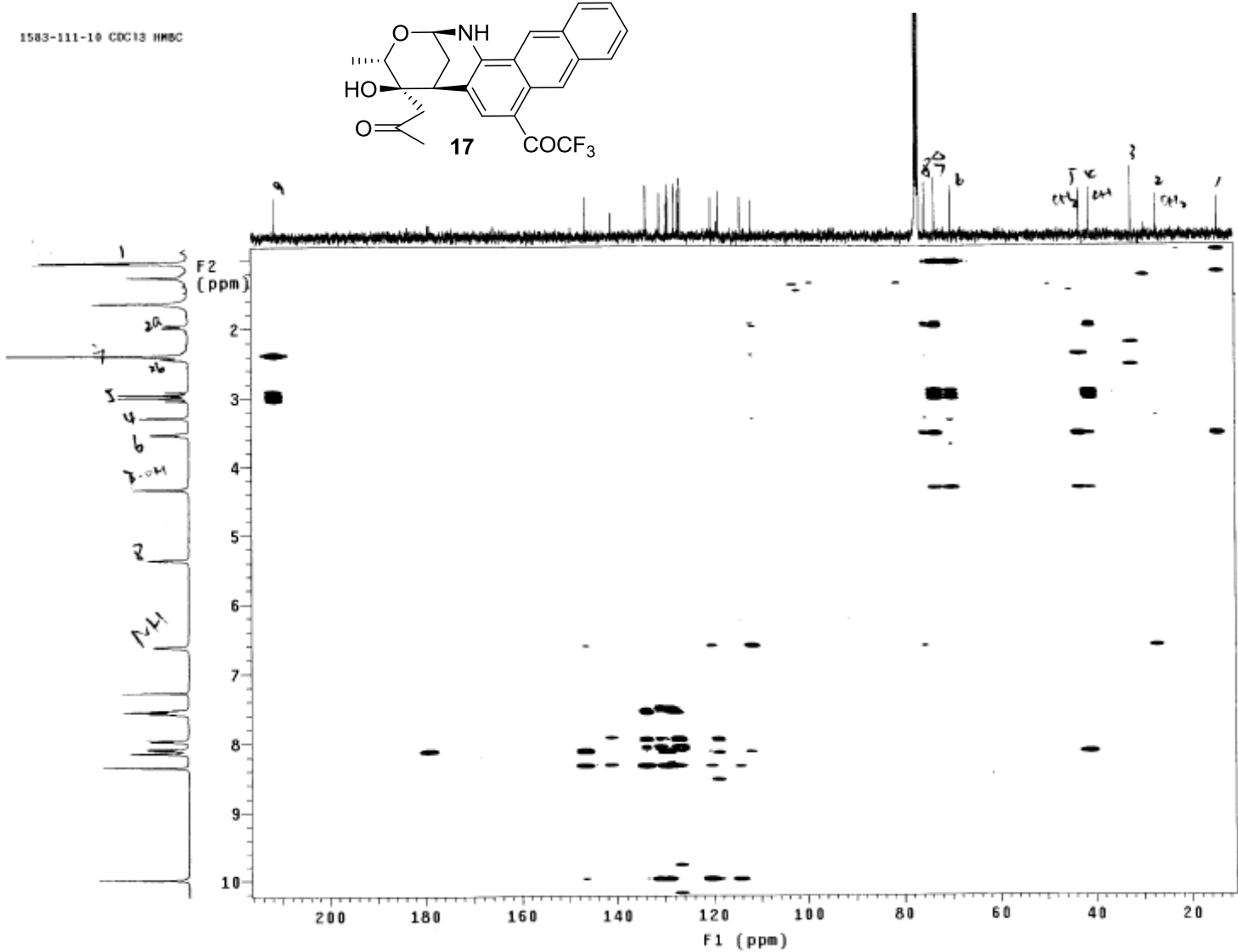


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Dmg-1-F



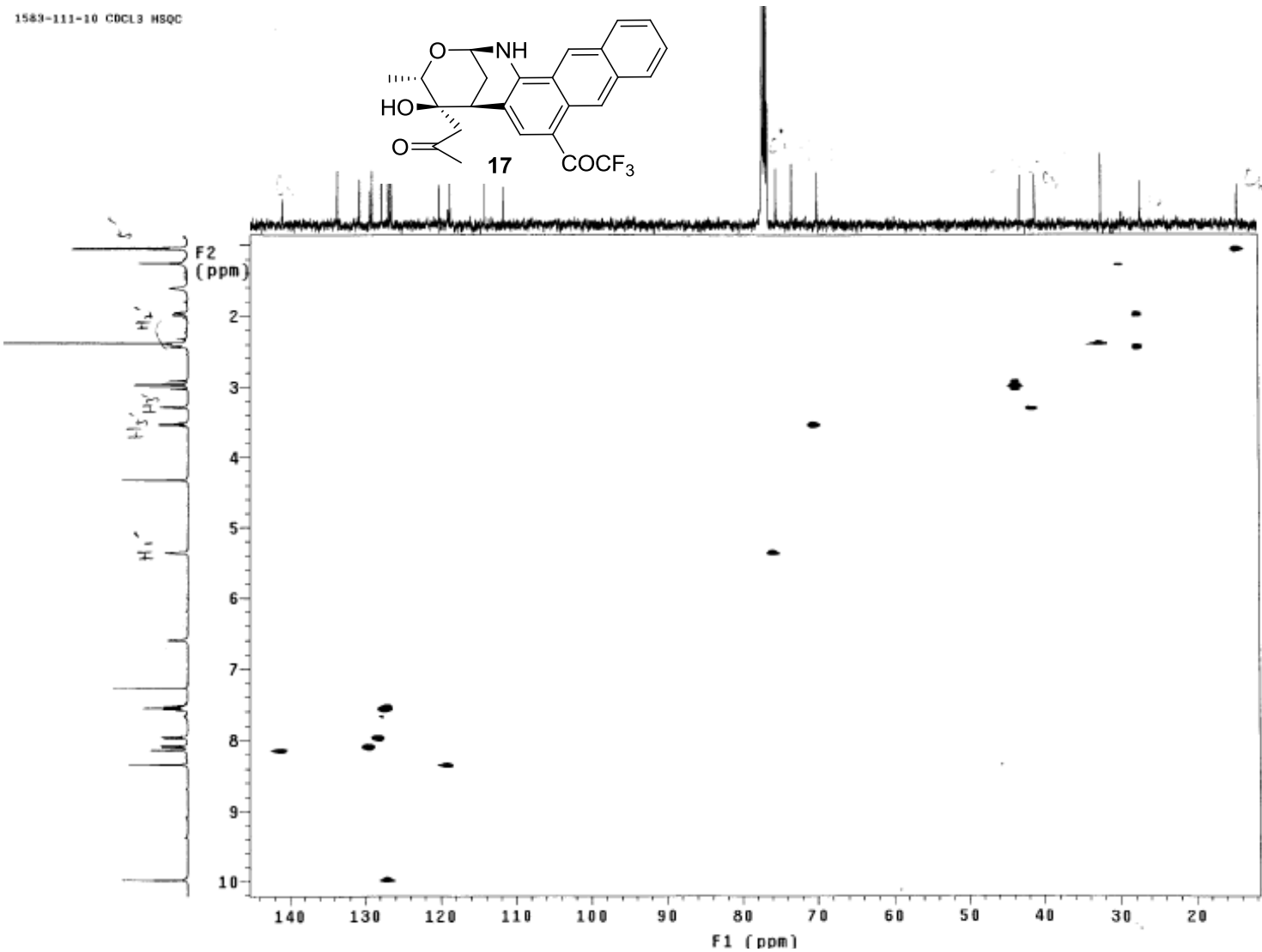
HMBC

1583-111-10 CDCl3 HMBC



HSQC

1583-111-10 CDCl3 HSQC

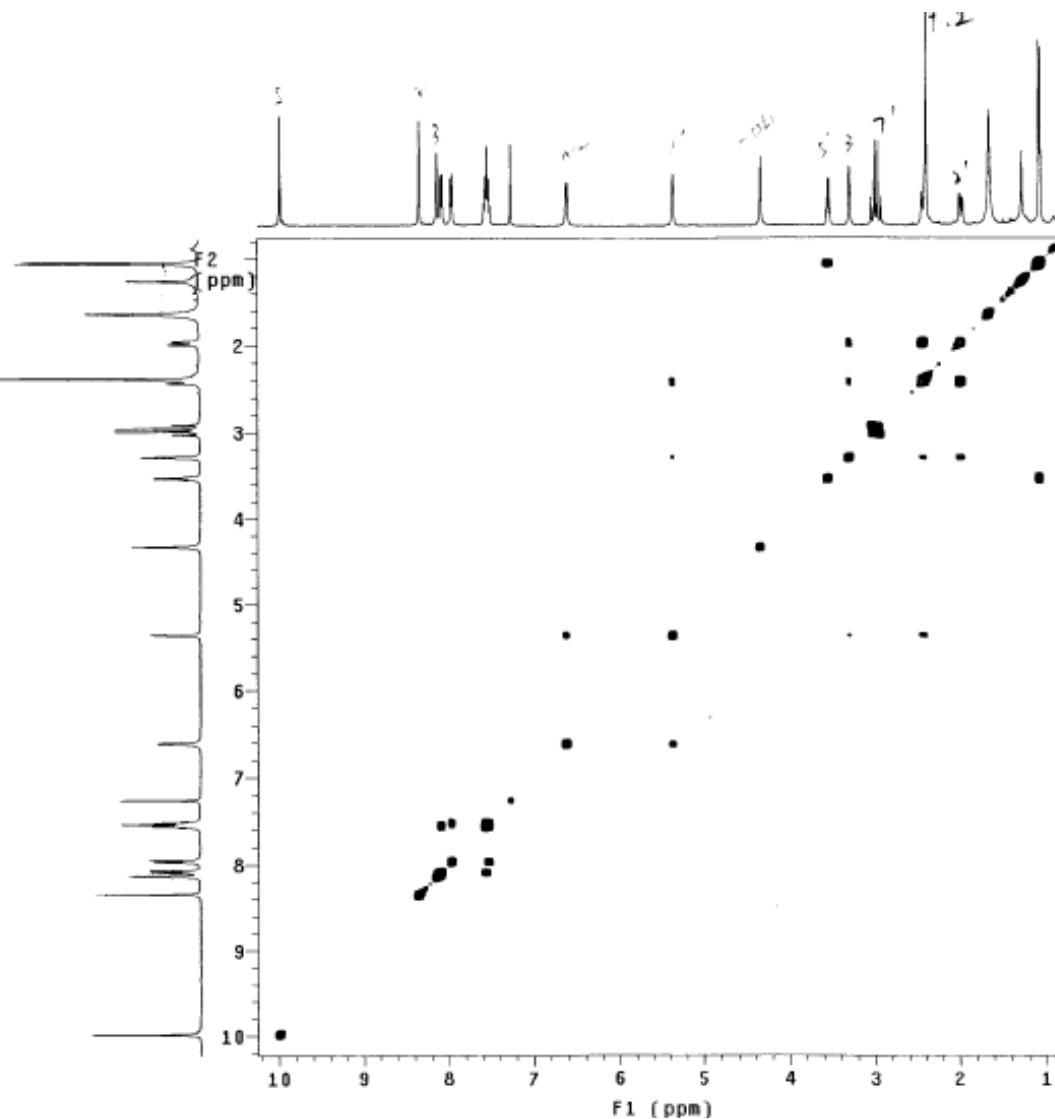
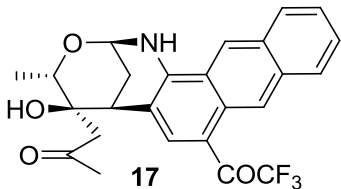


COSY

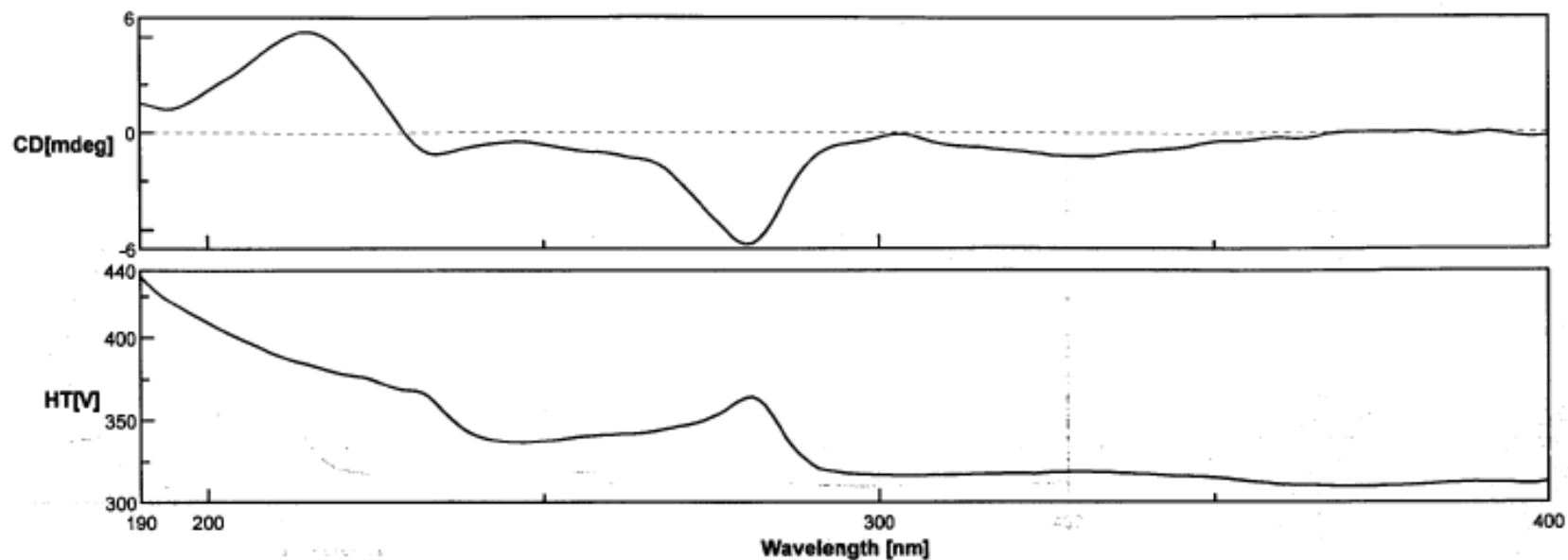
1583-111-10 CDC13 COSY

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Ambient temperature
File: 1583-111-10_cosy
Mercury-400BB "sinn401"

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2D Width 6003.6 MZ
4 repetitions
320 increments
OBSERVE H1, 400.1645834 MHz
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F1 DATA PROCESSING
Sq. sine bell 0.027 sec
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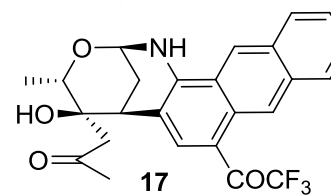


CD



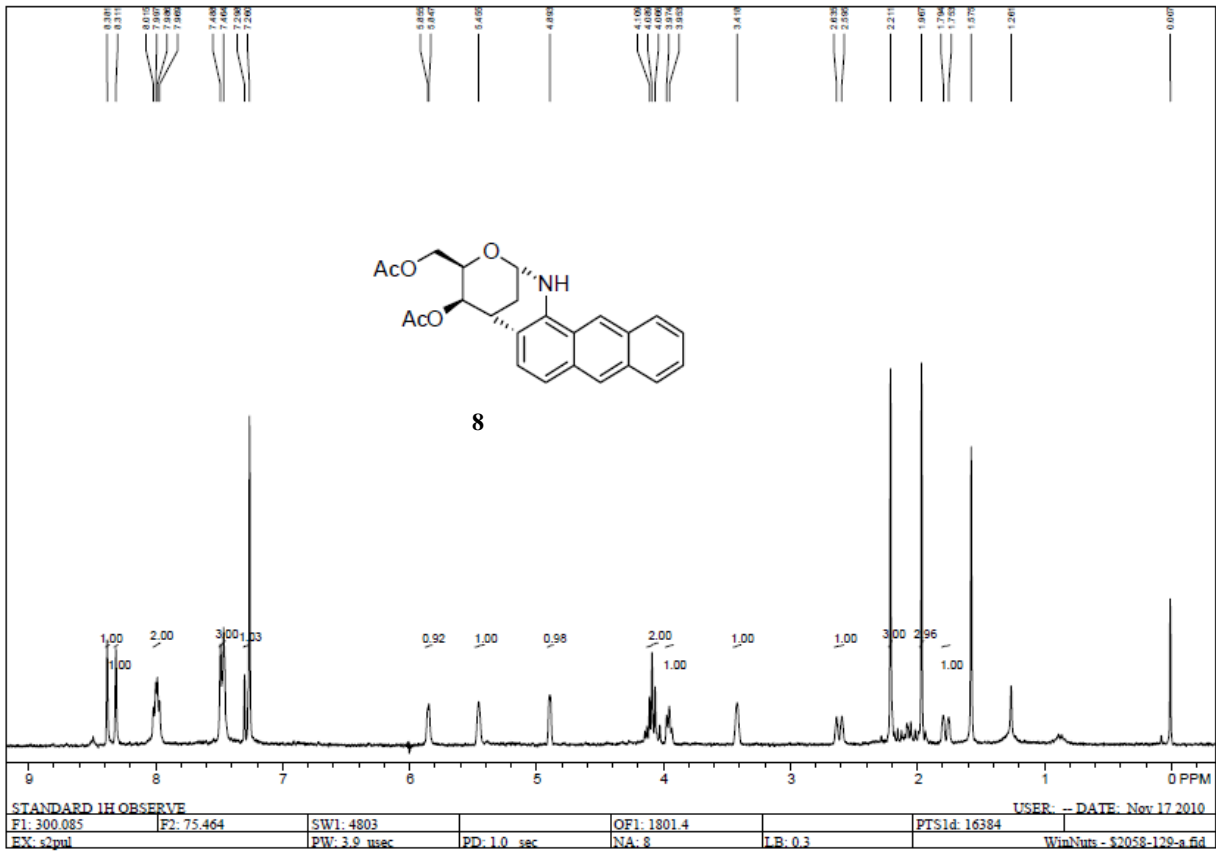
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Temperature Room Temperature
Sample name 1583-111-10

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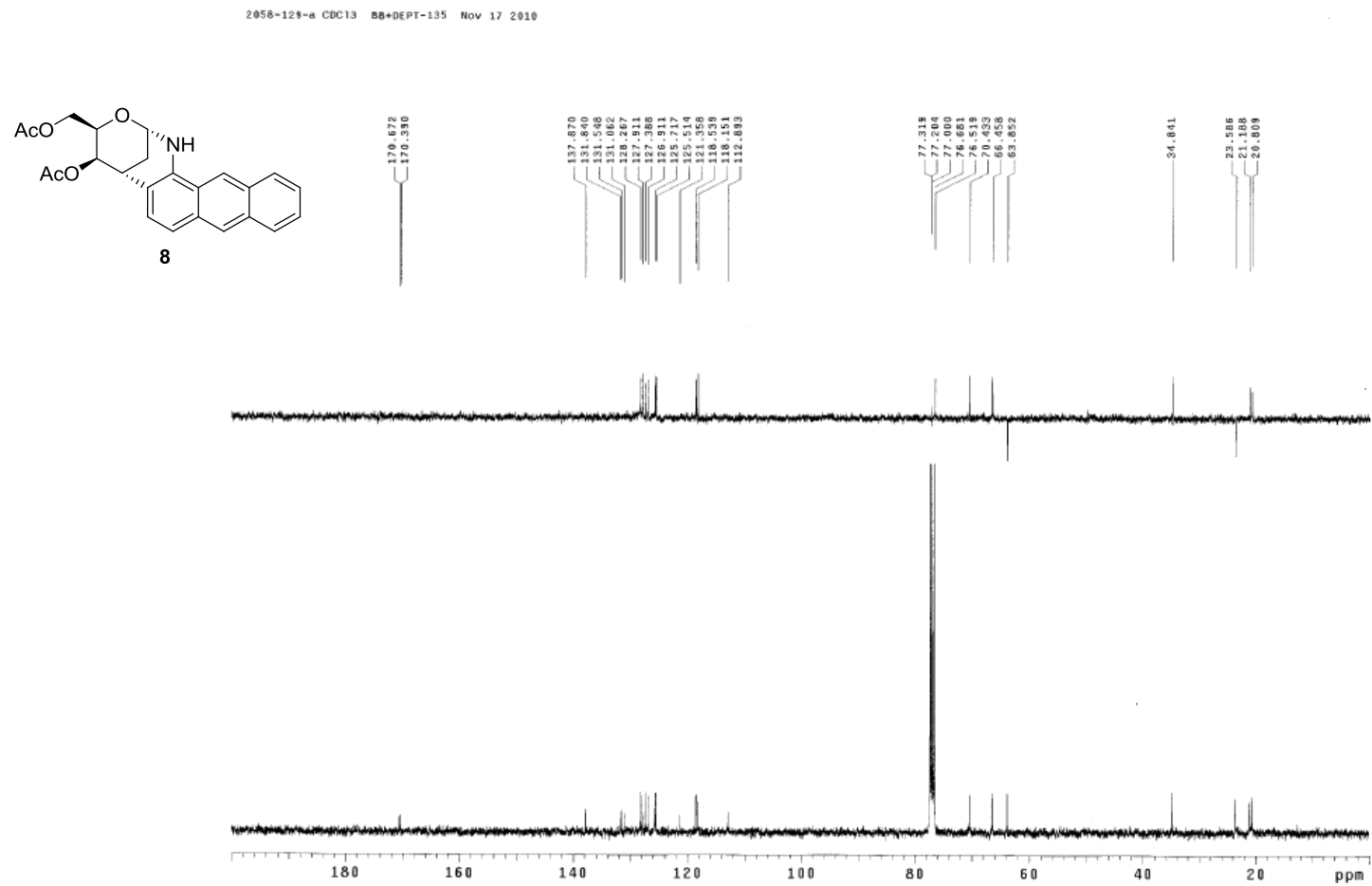


Compound 8

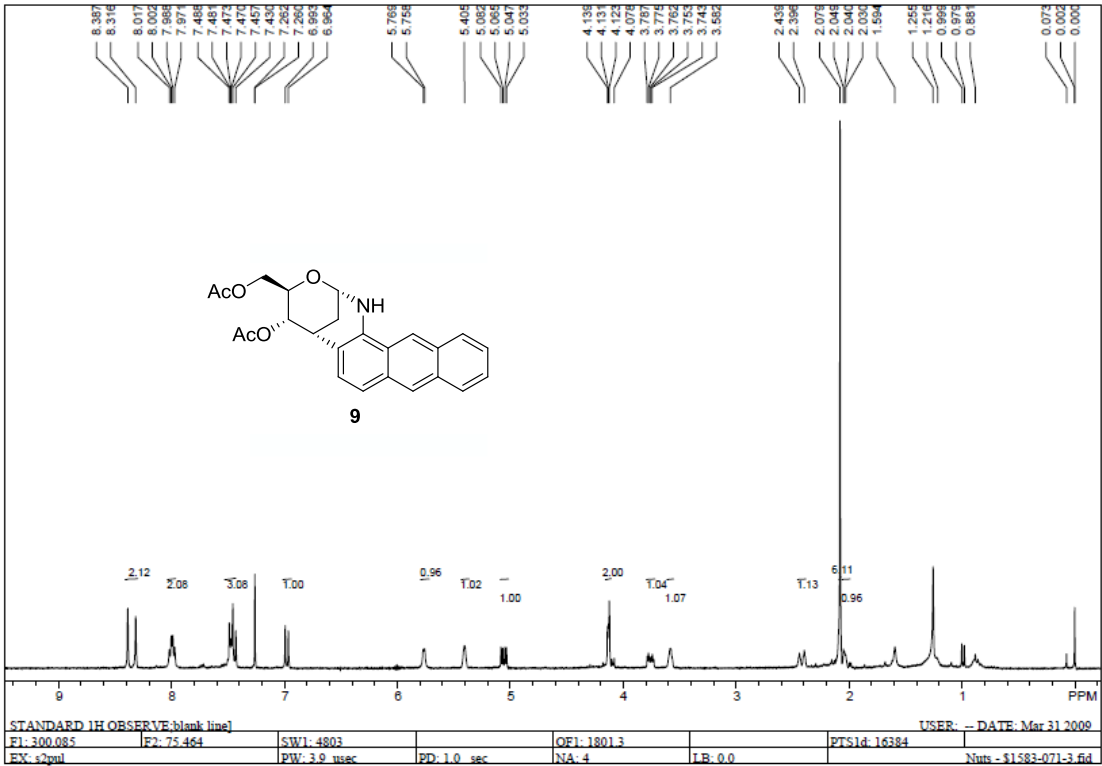
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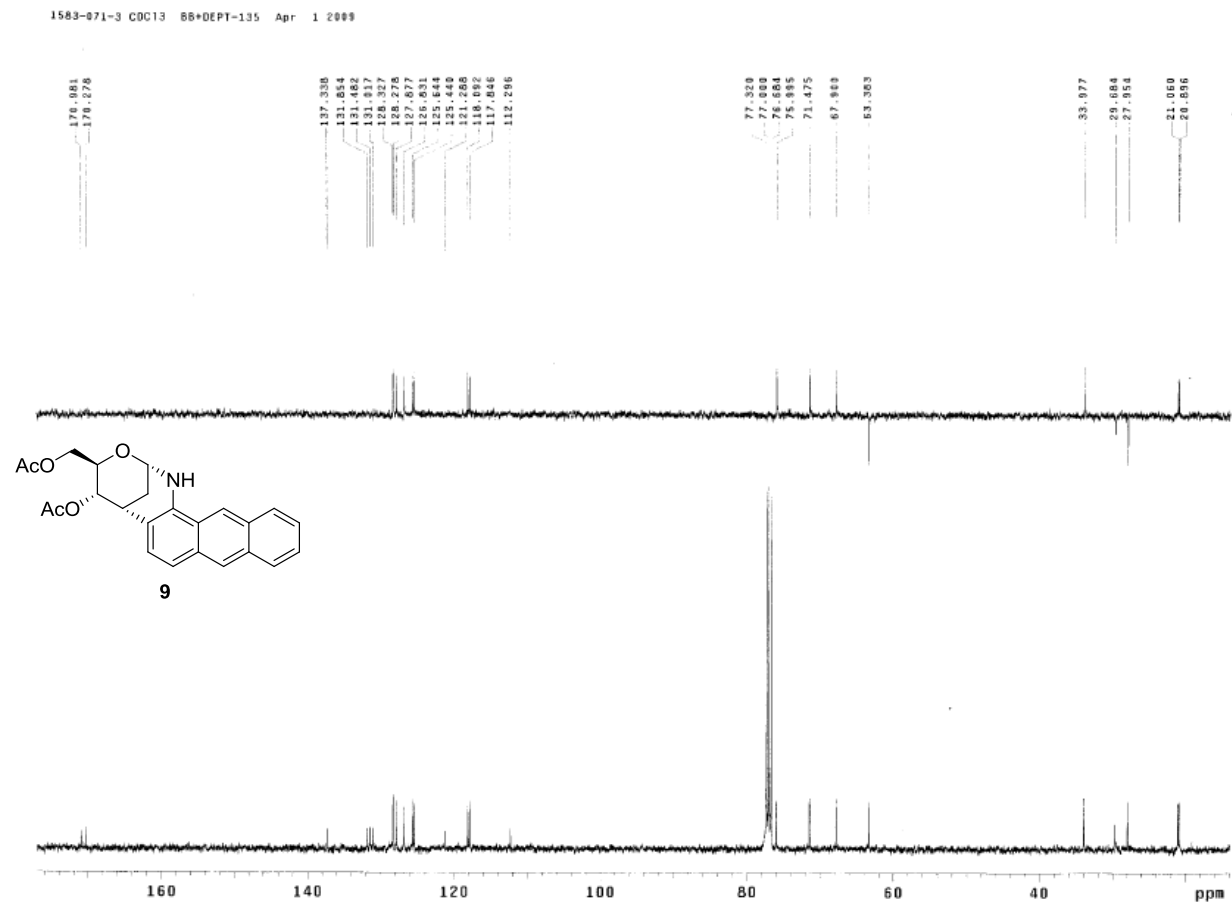
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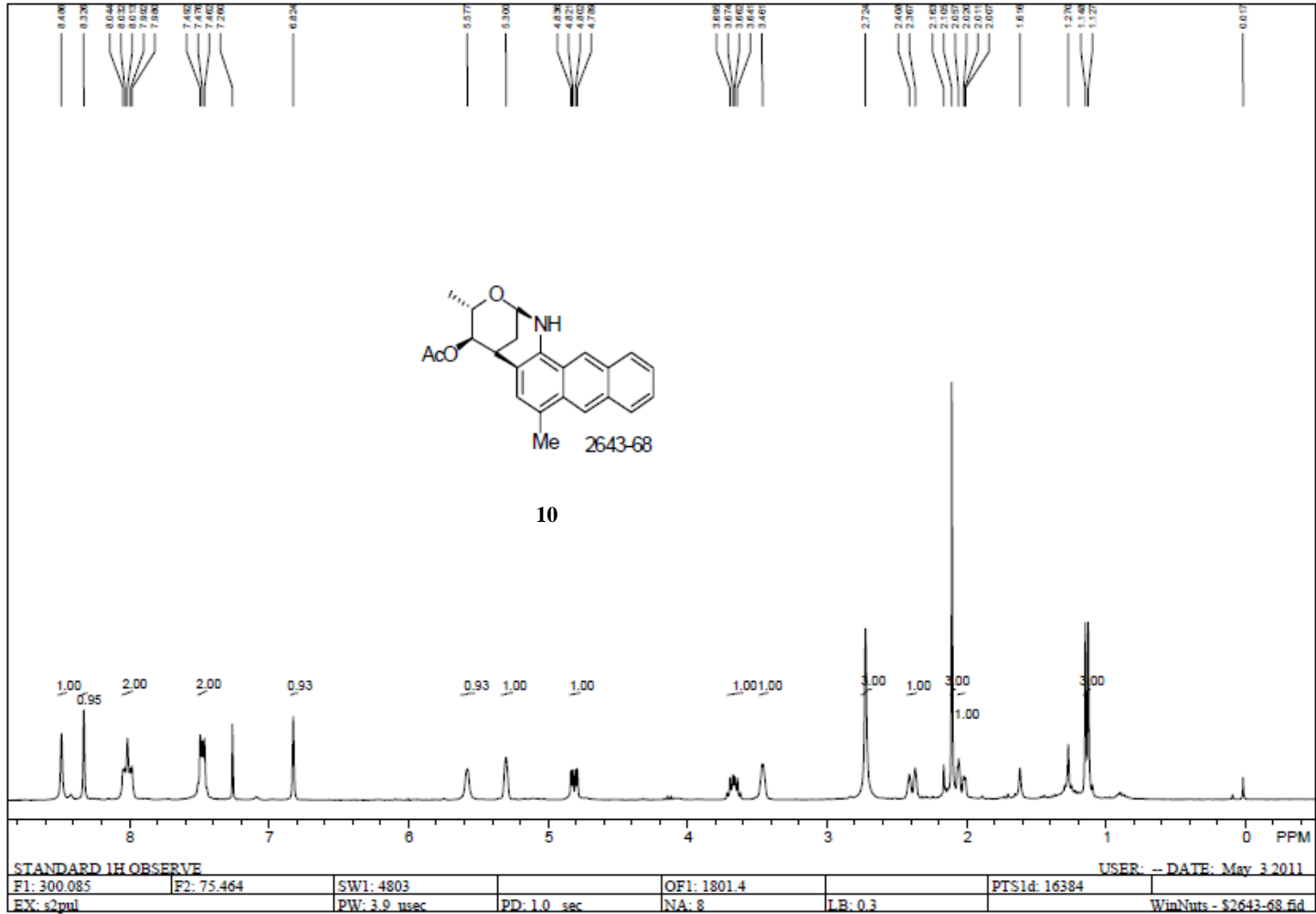


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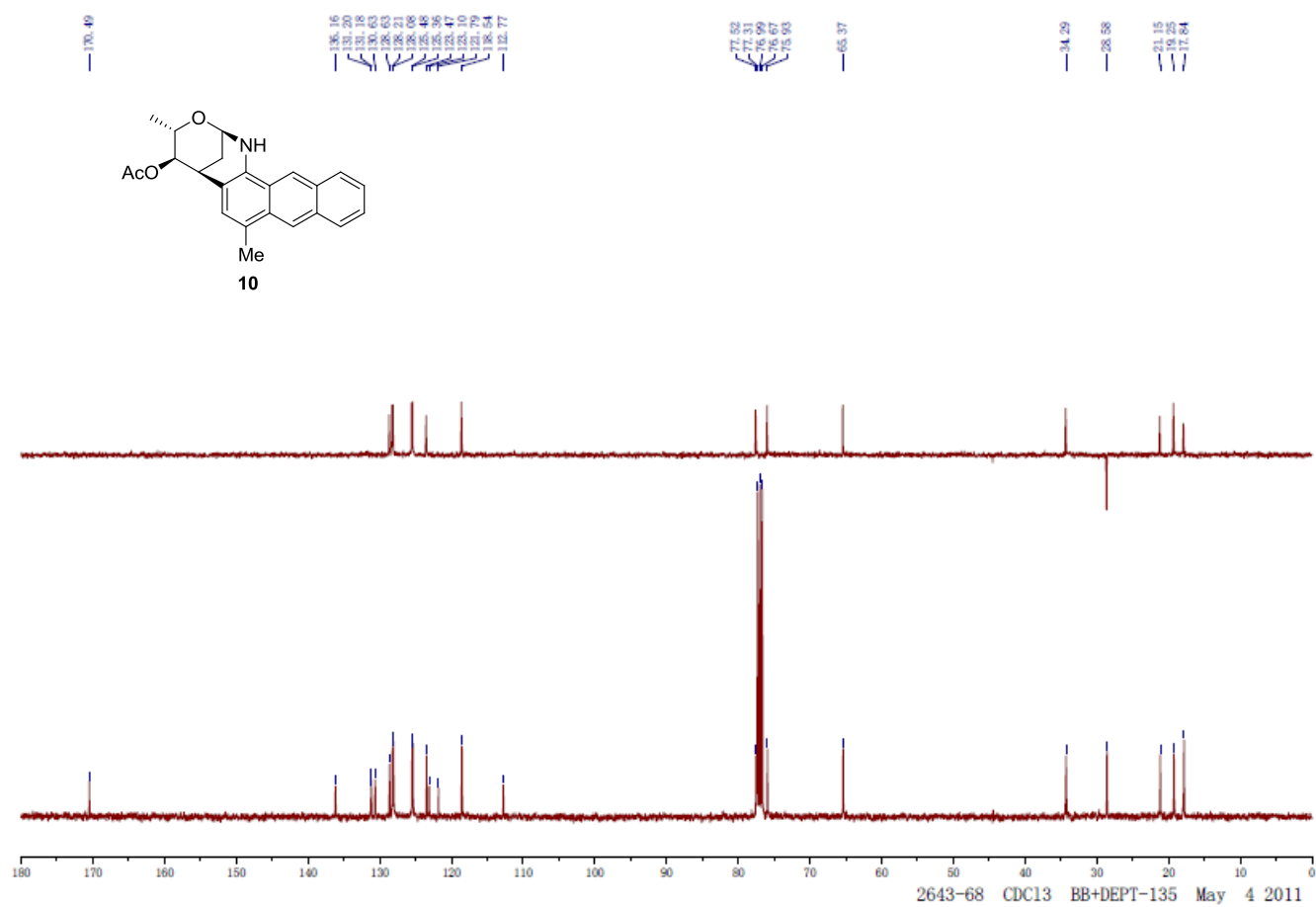


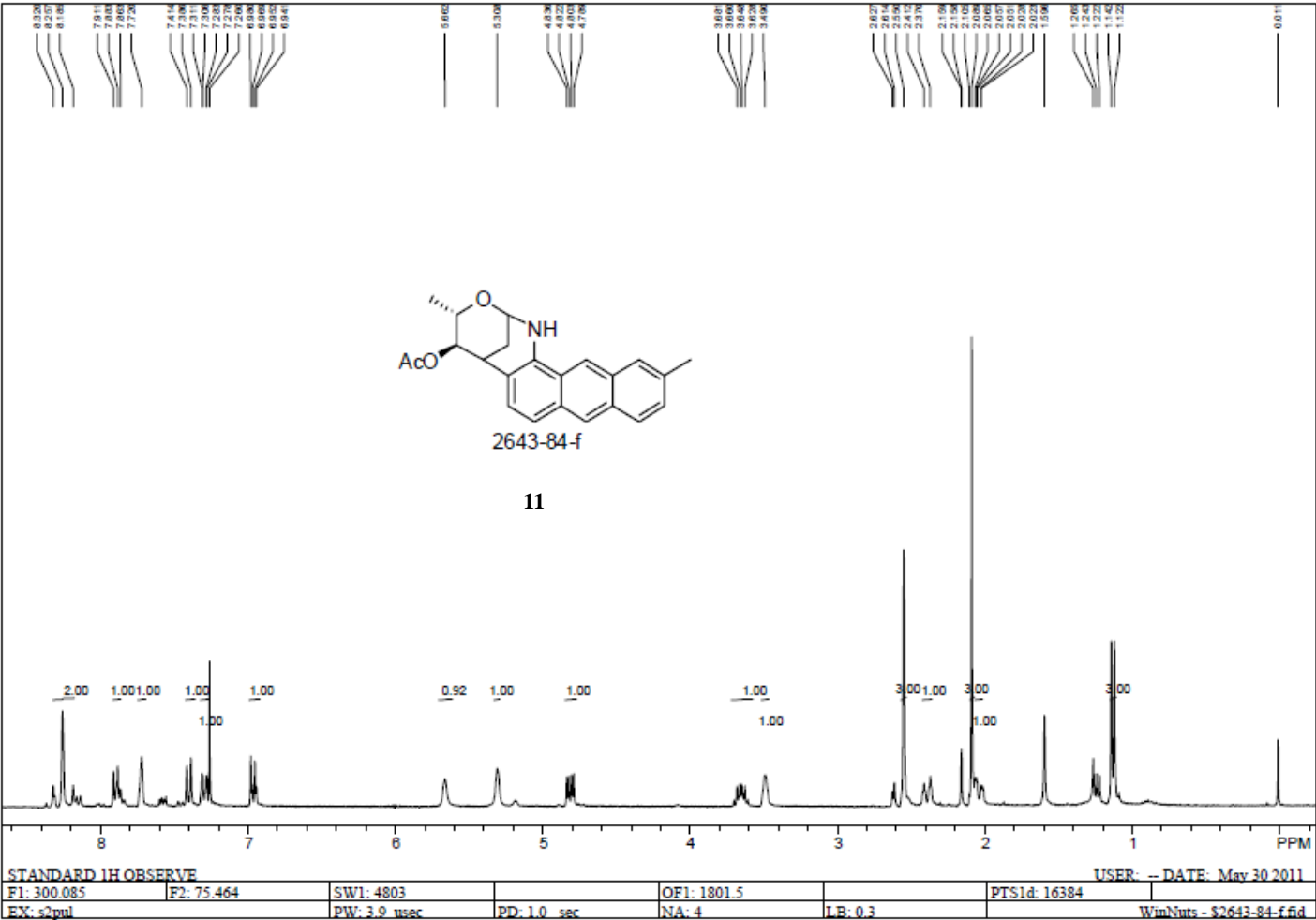
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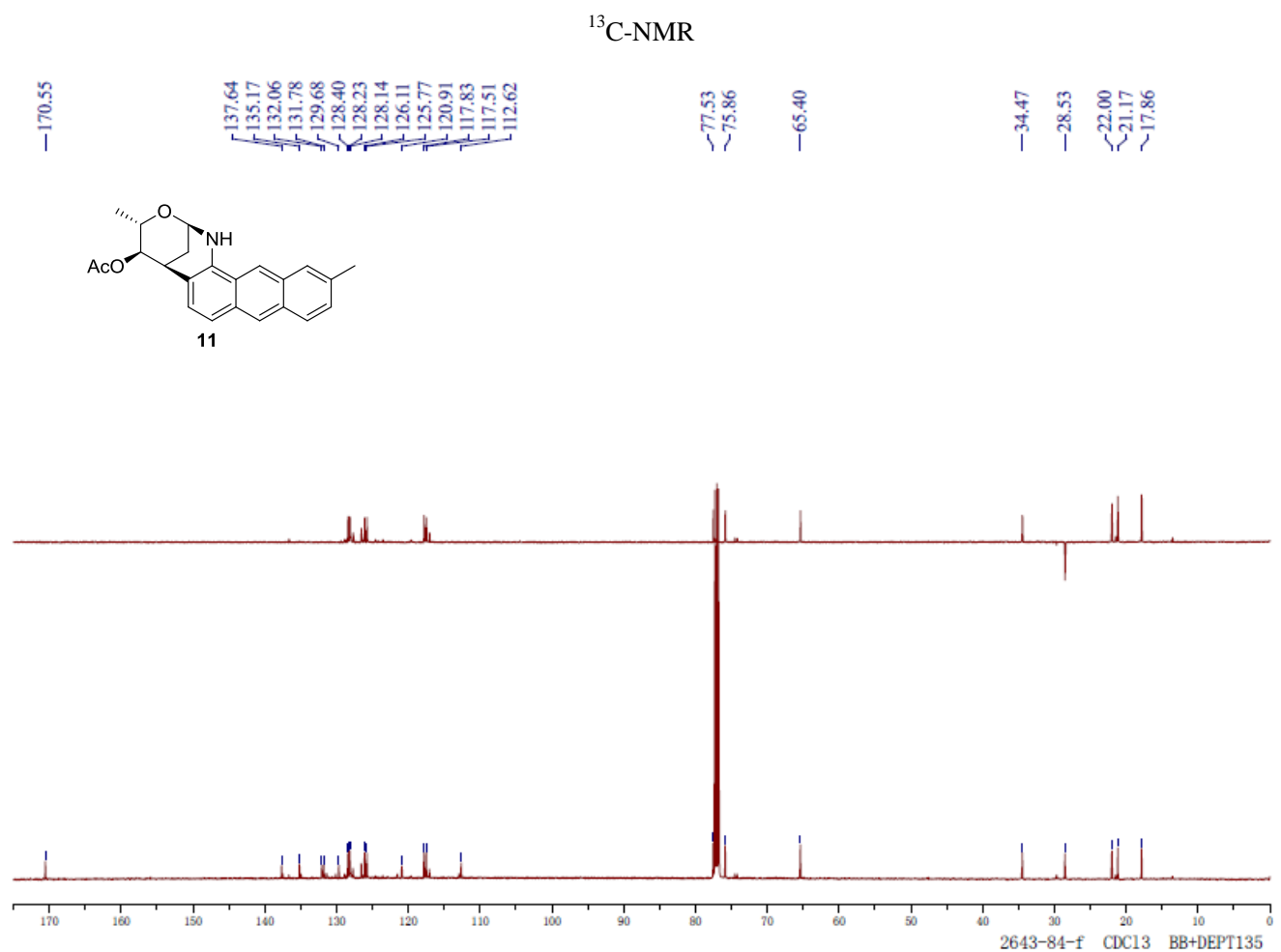




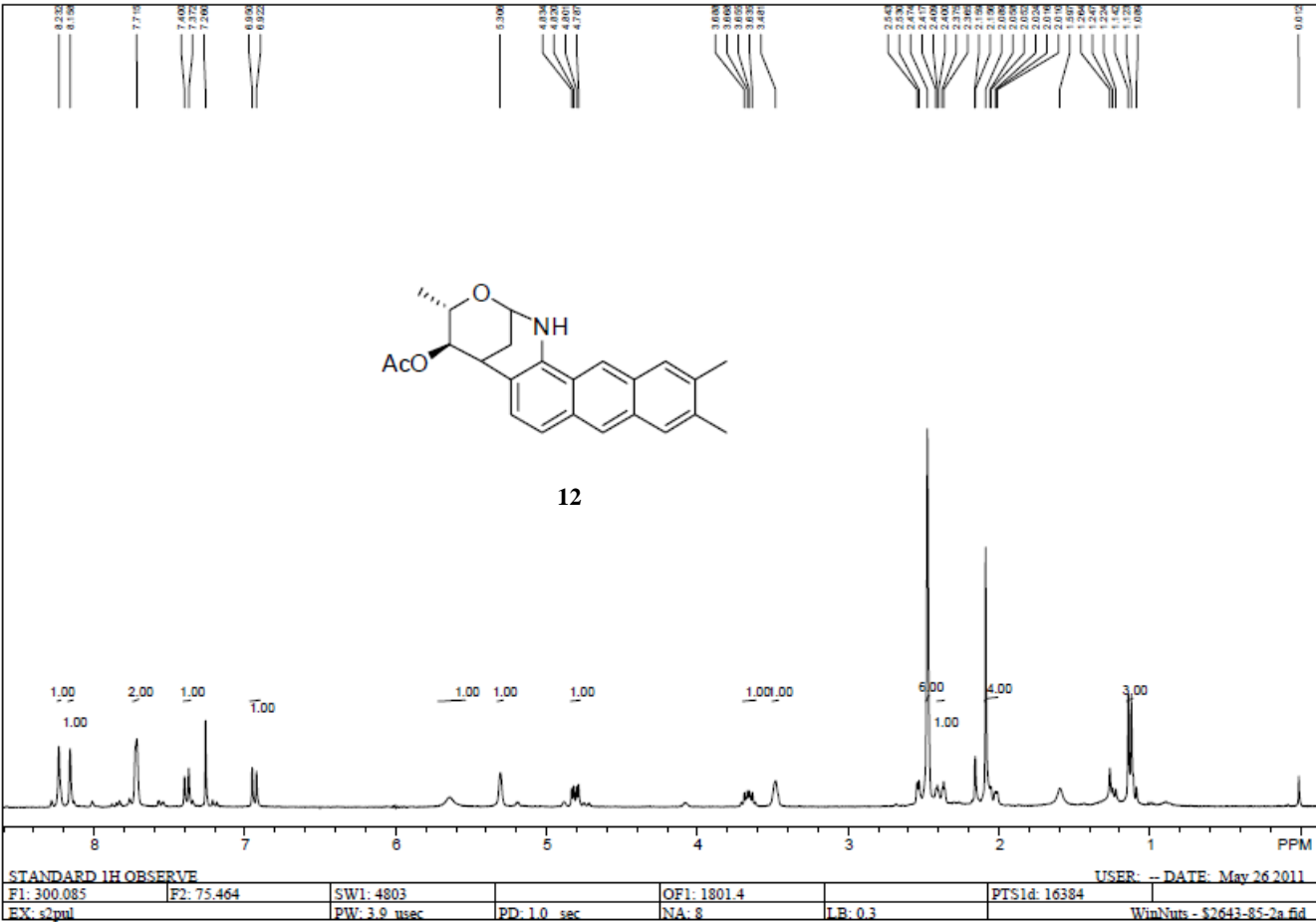
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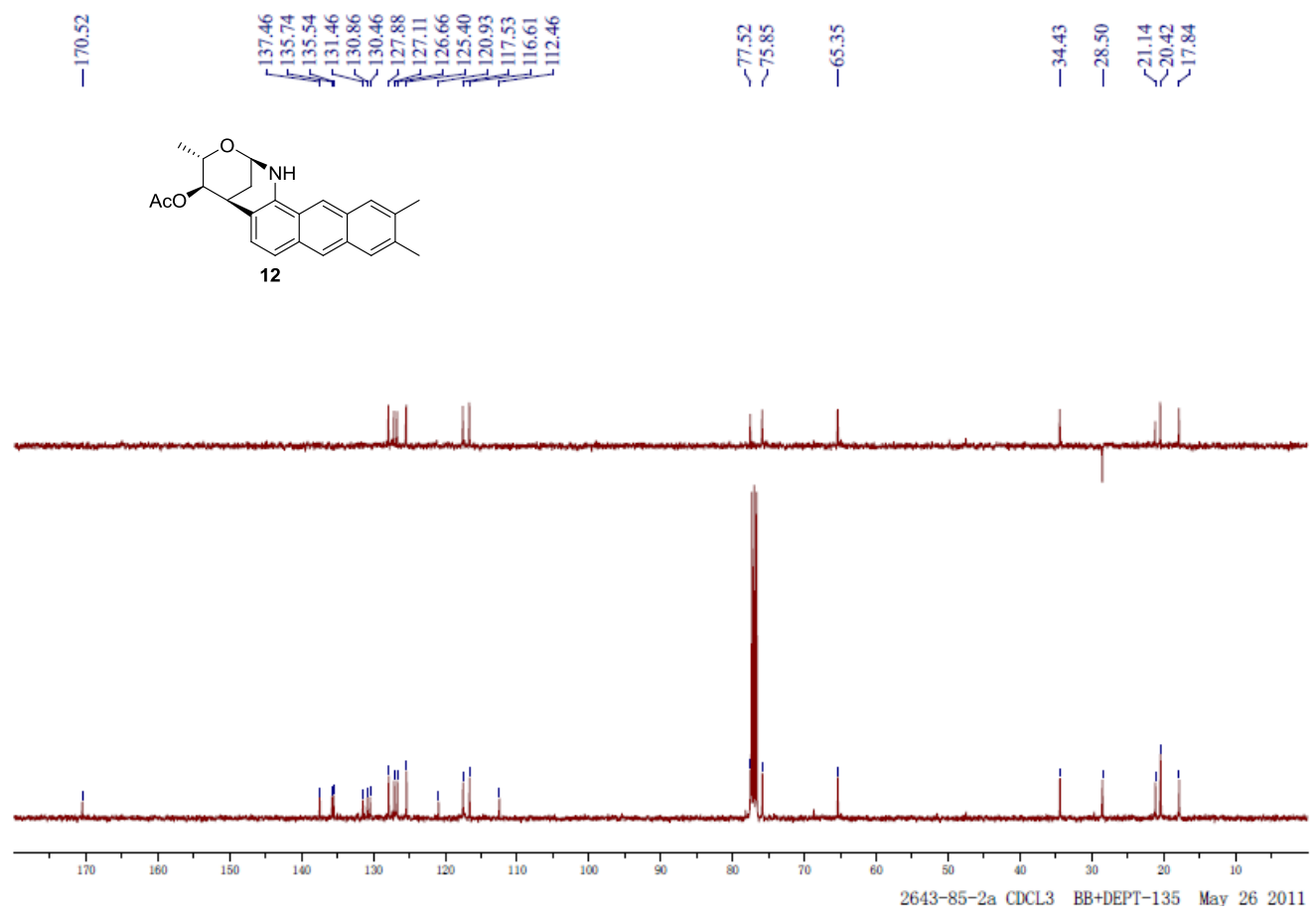


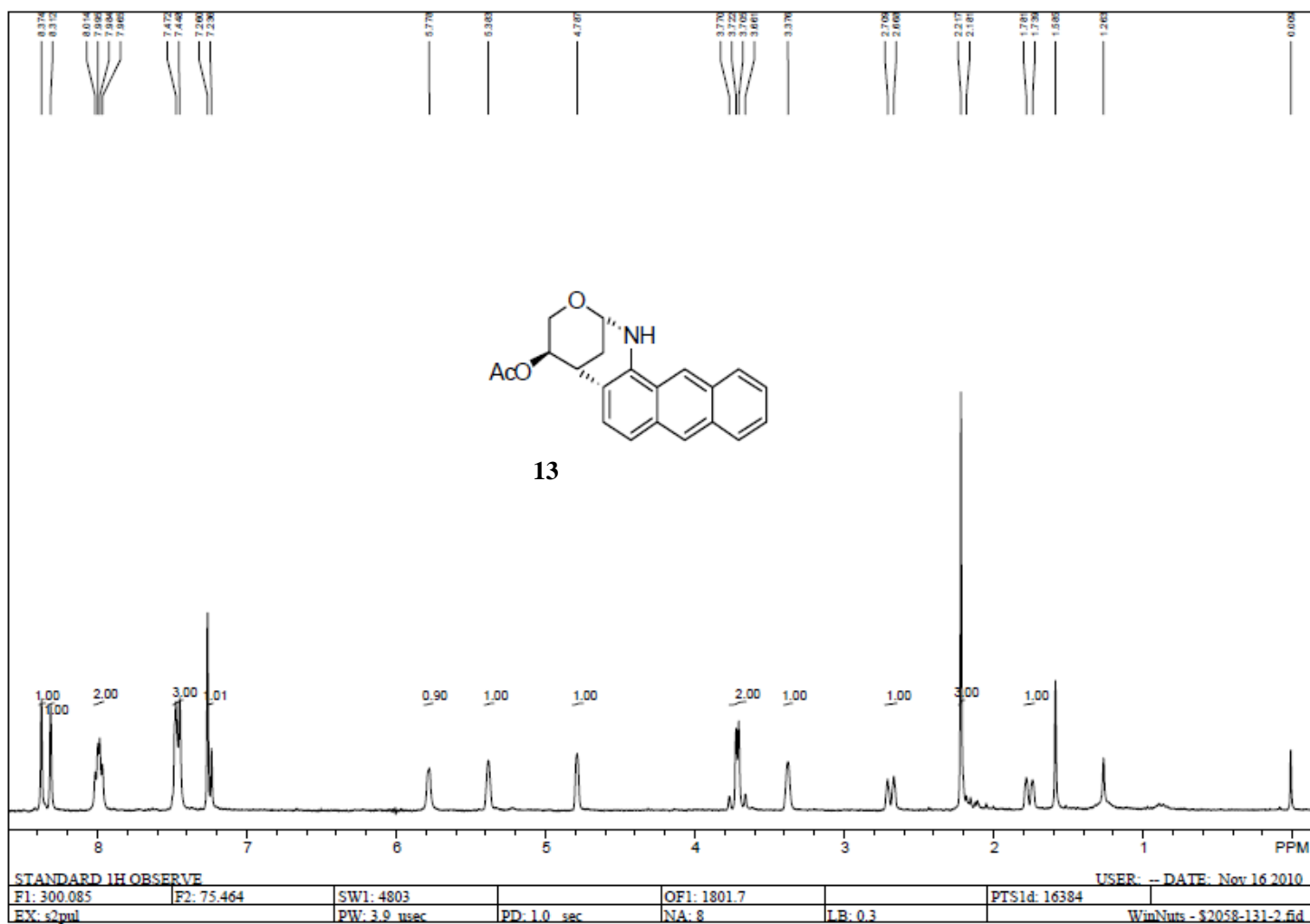


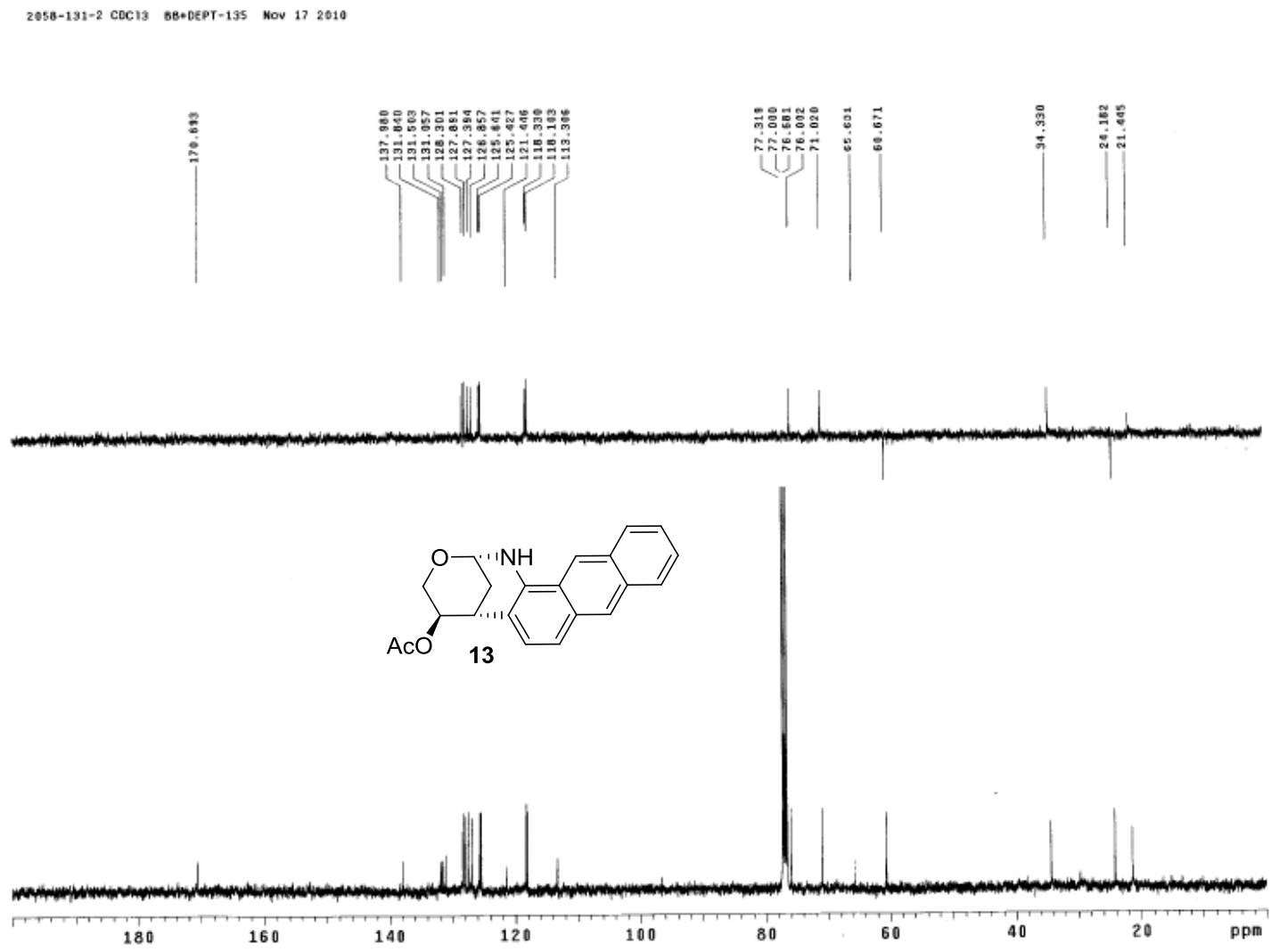
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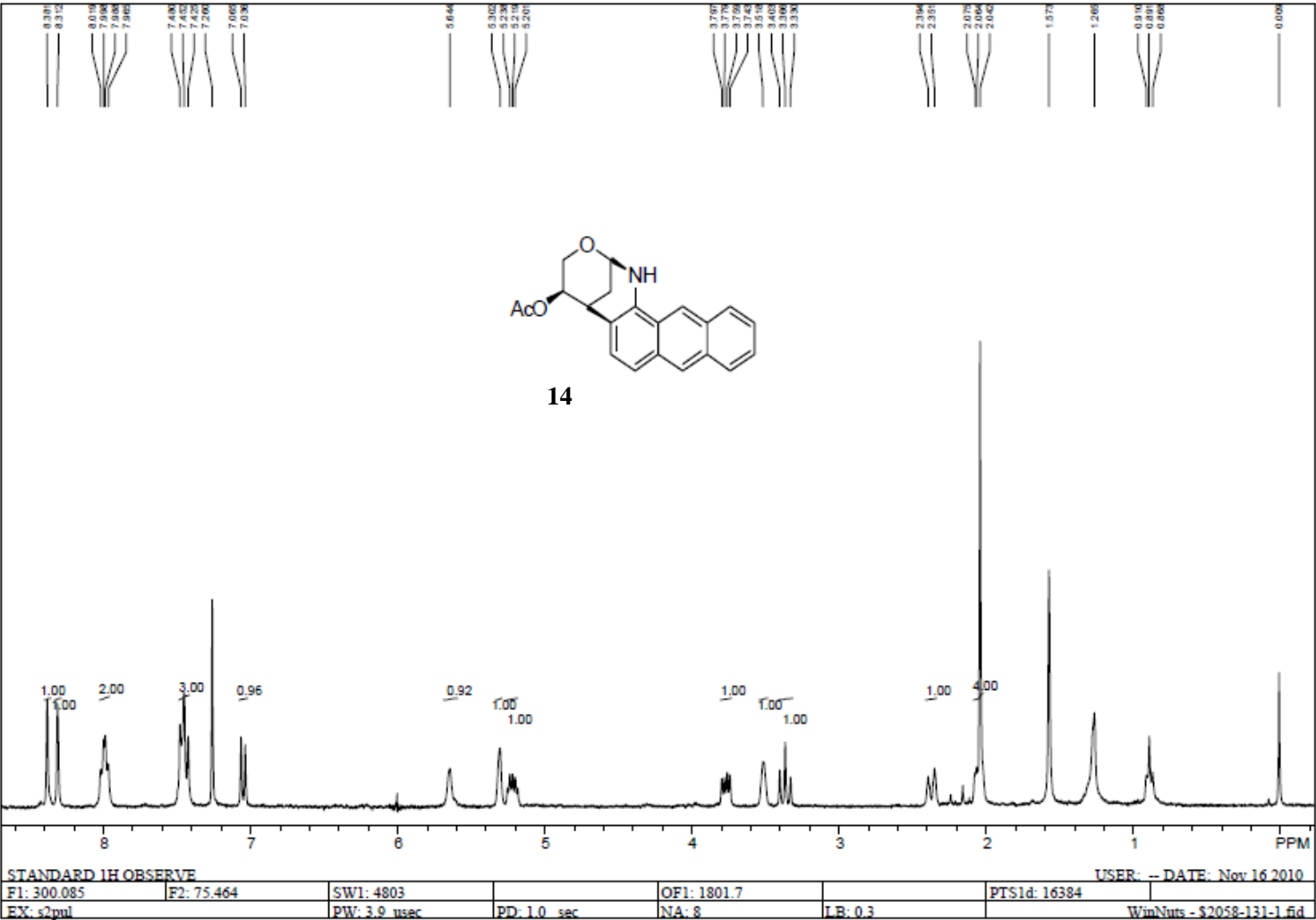


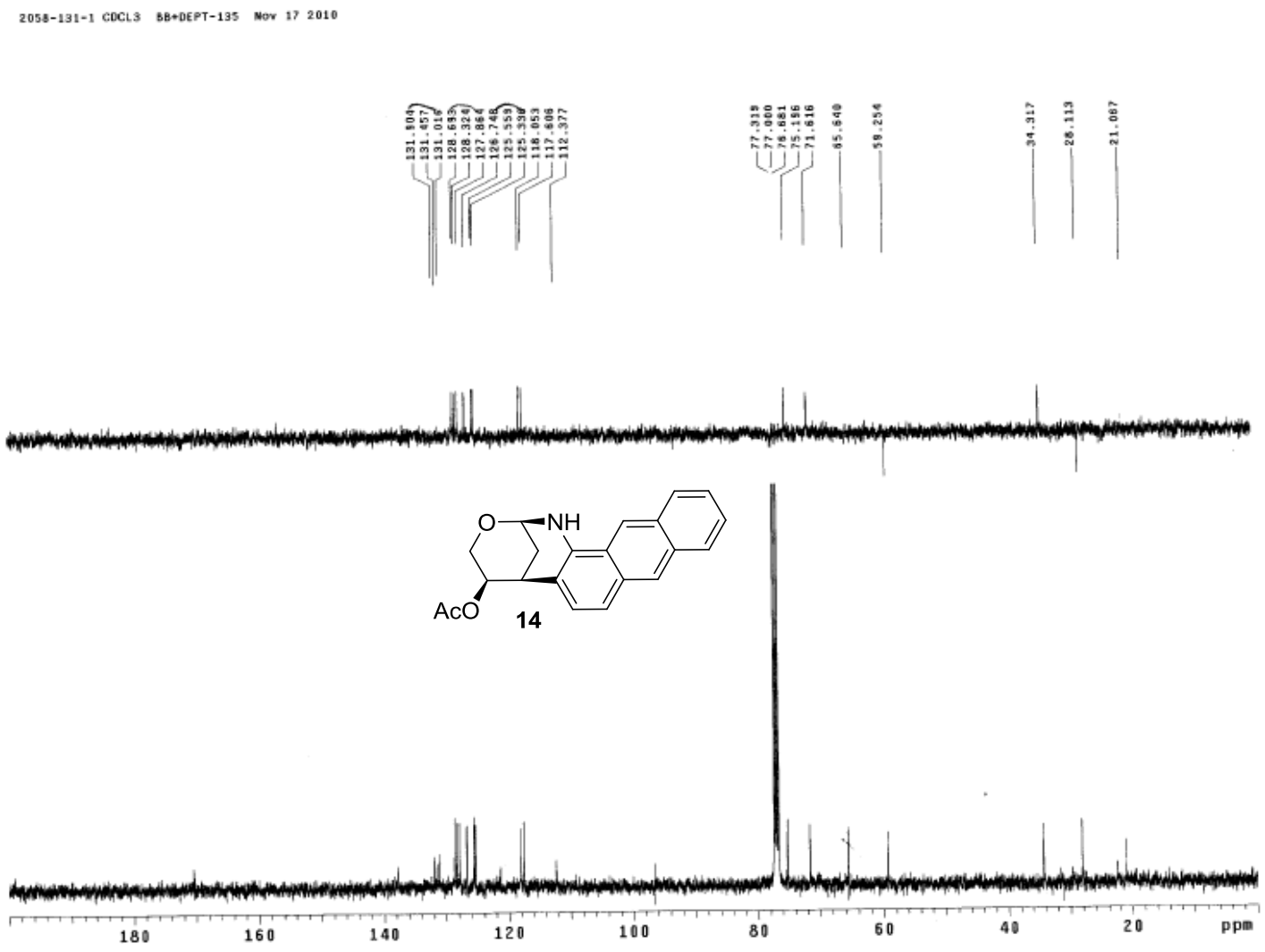
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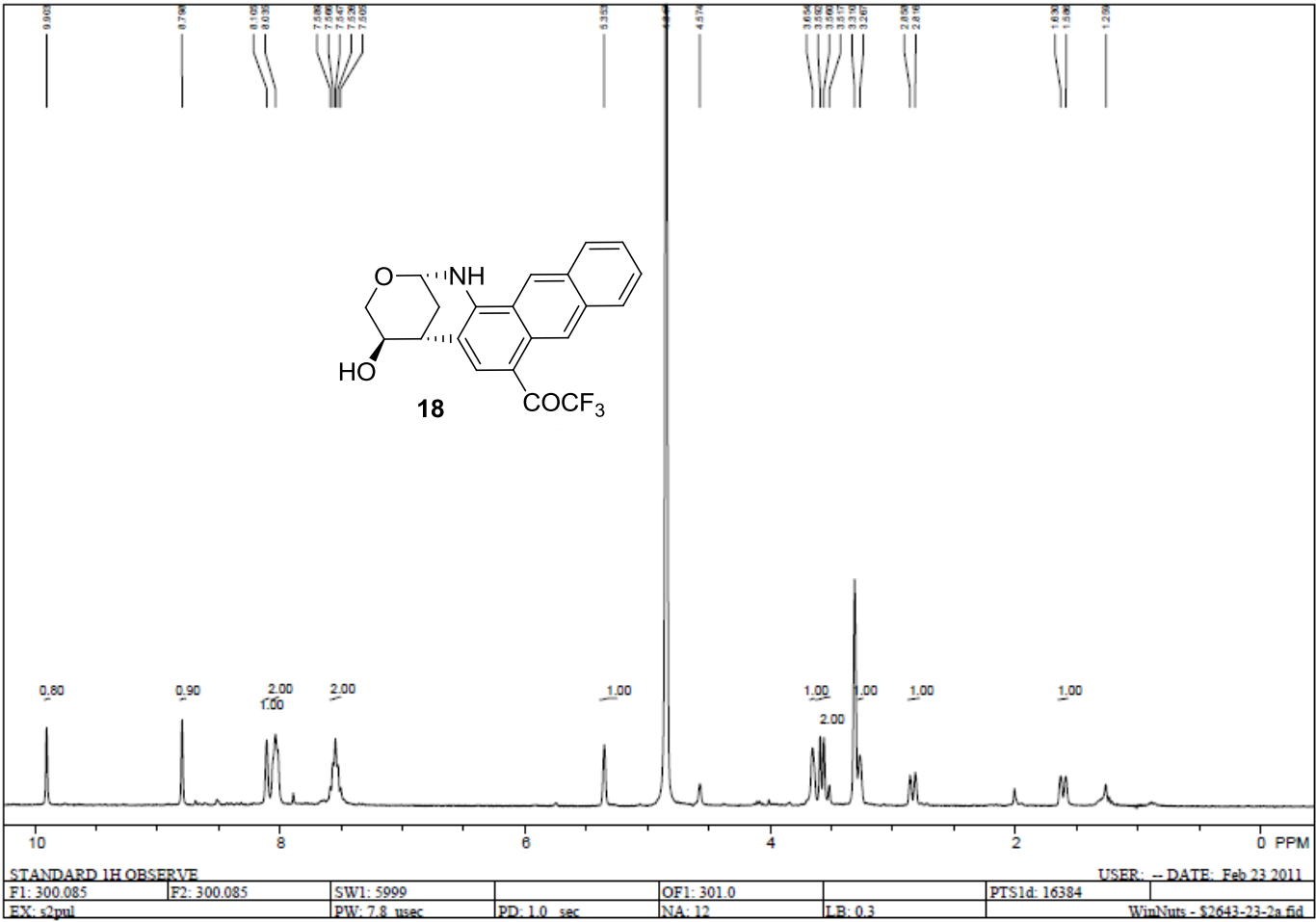


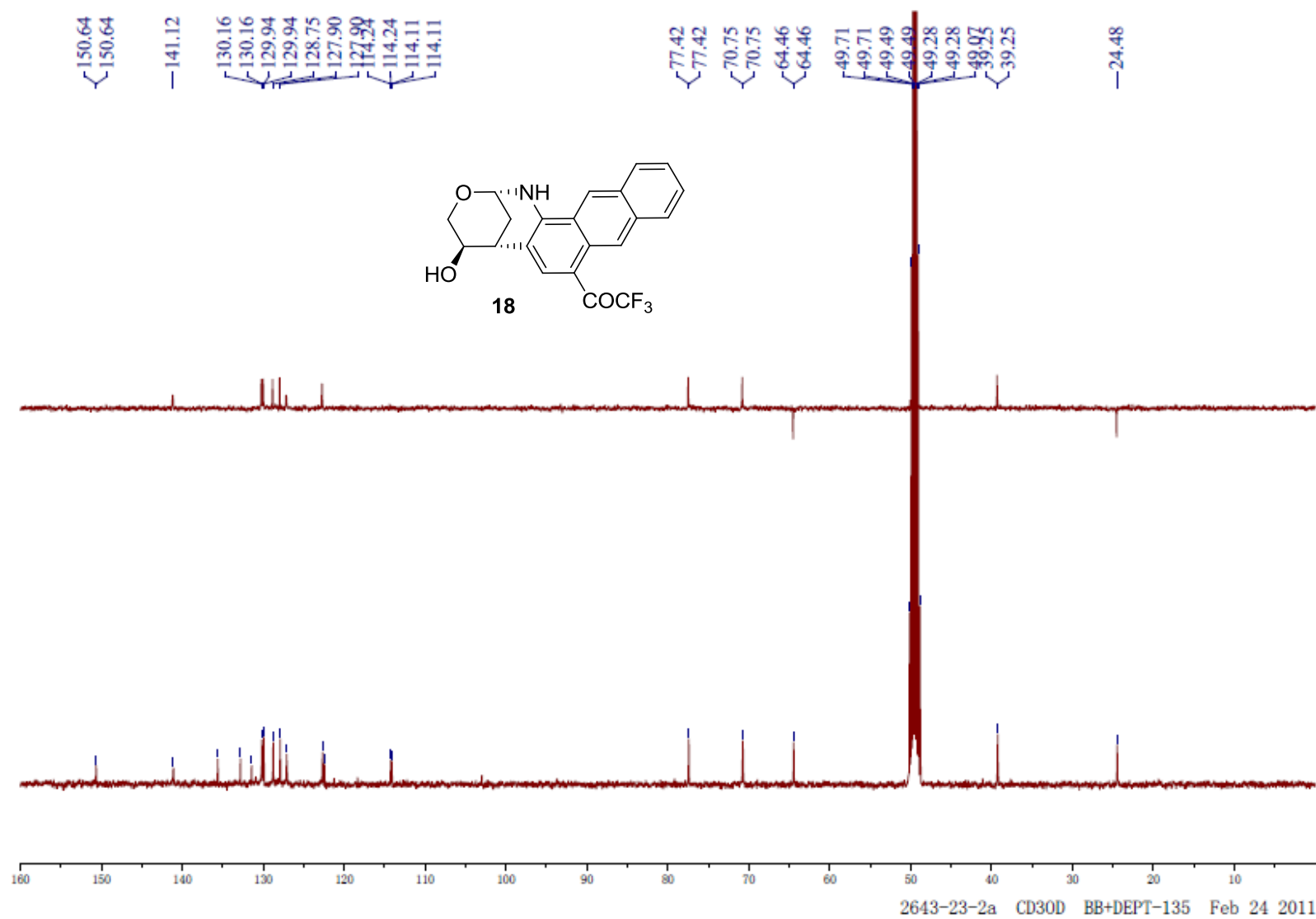


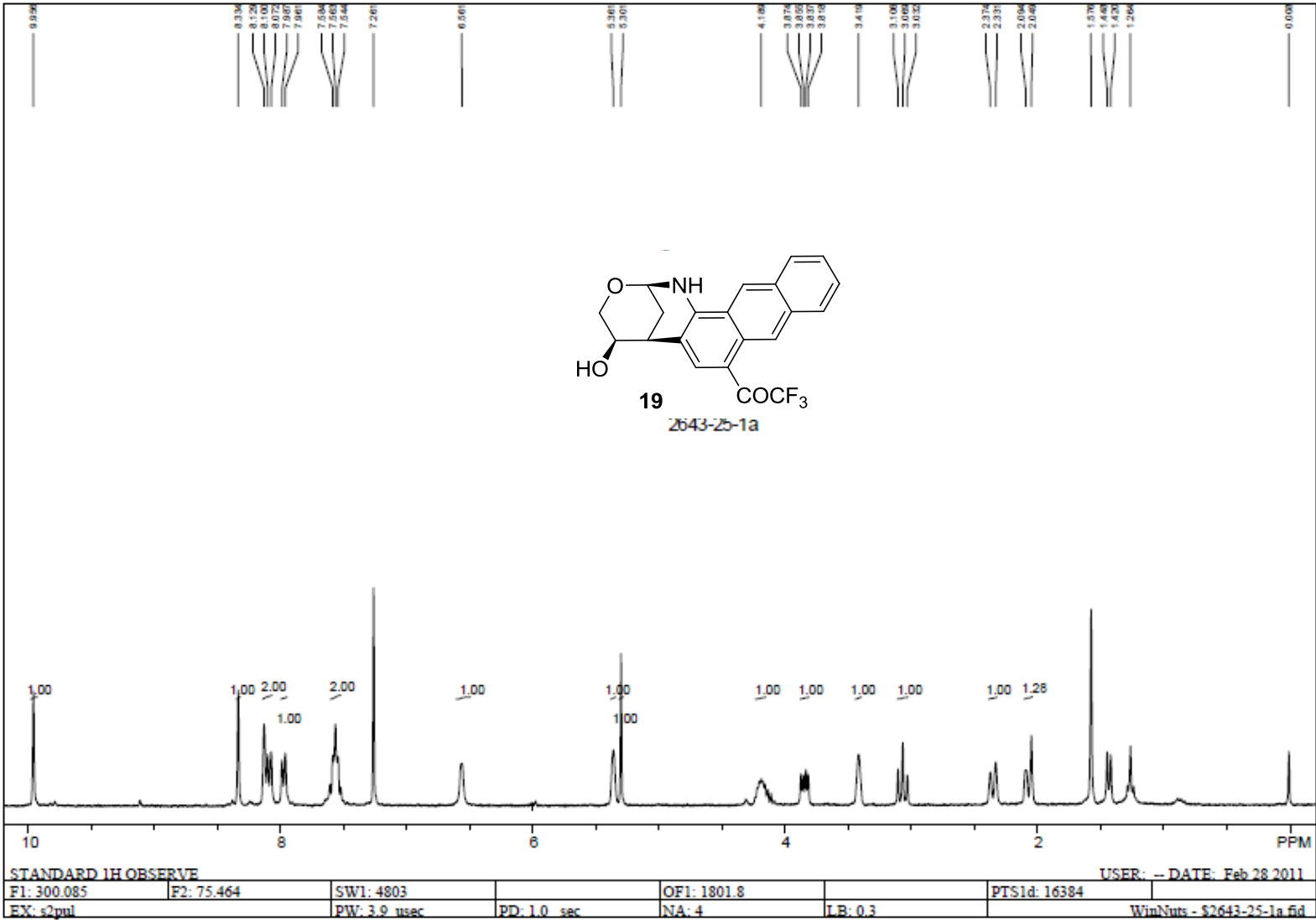


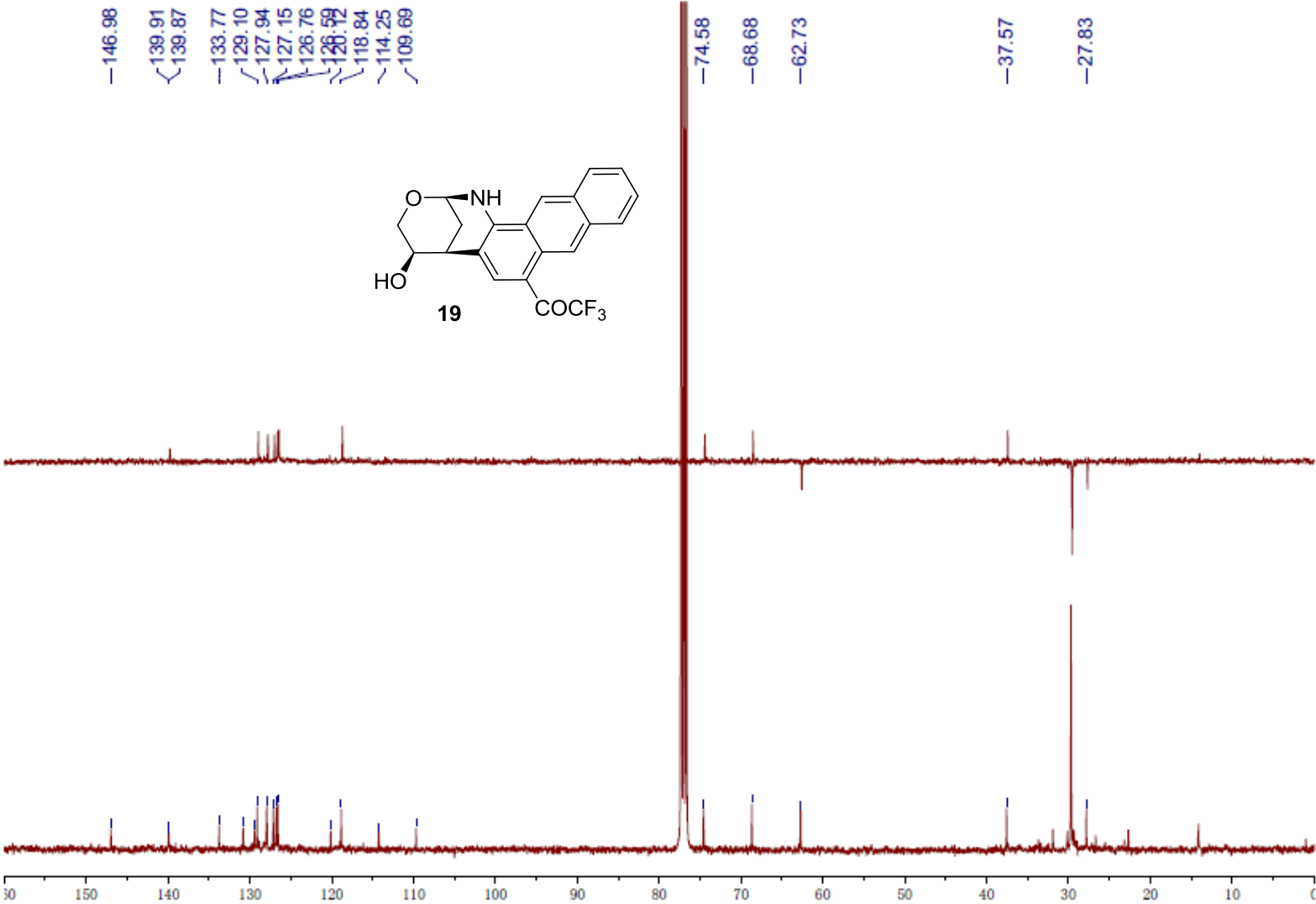


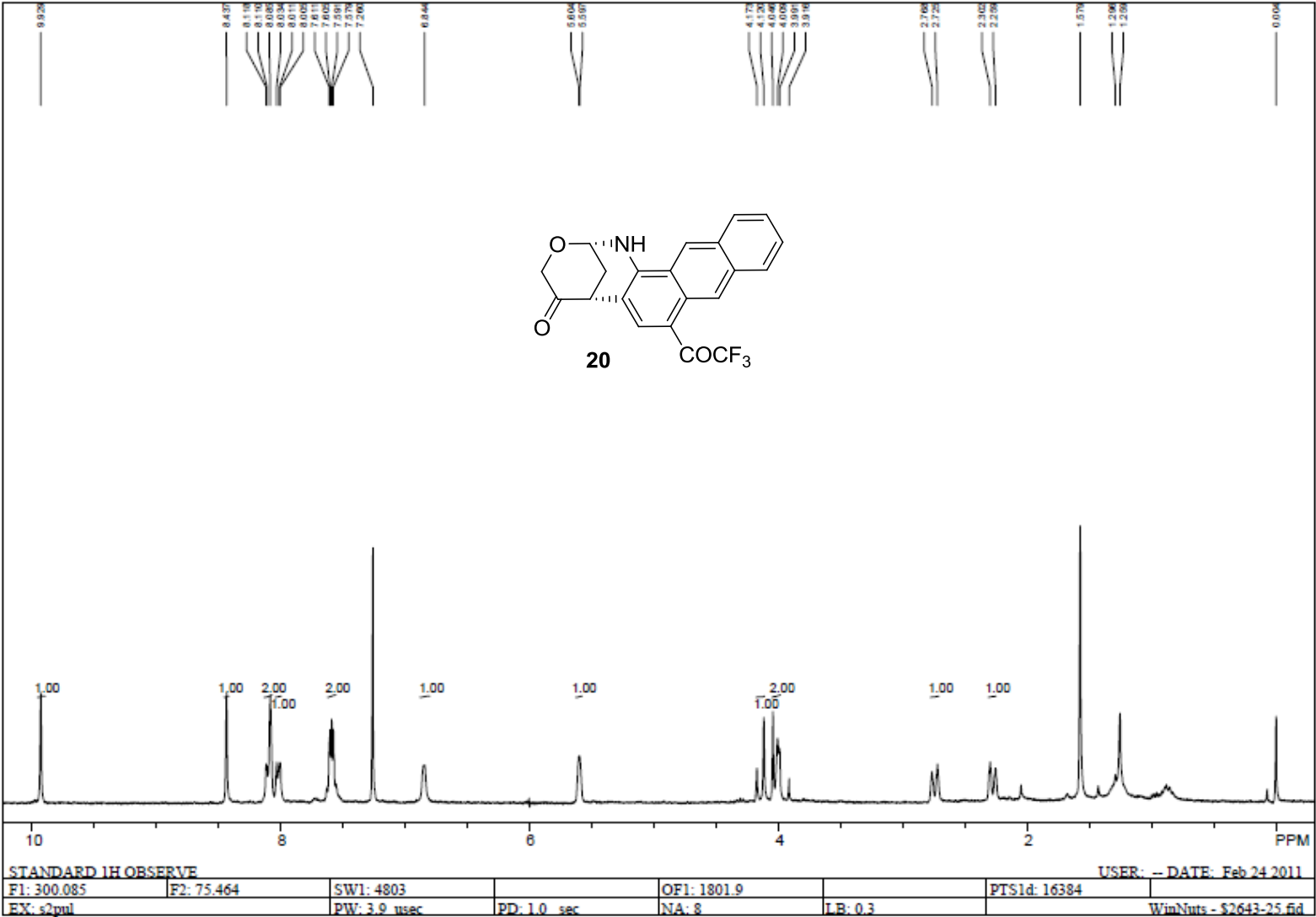


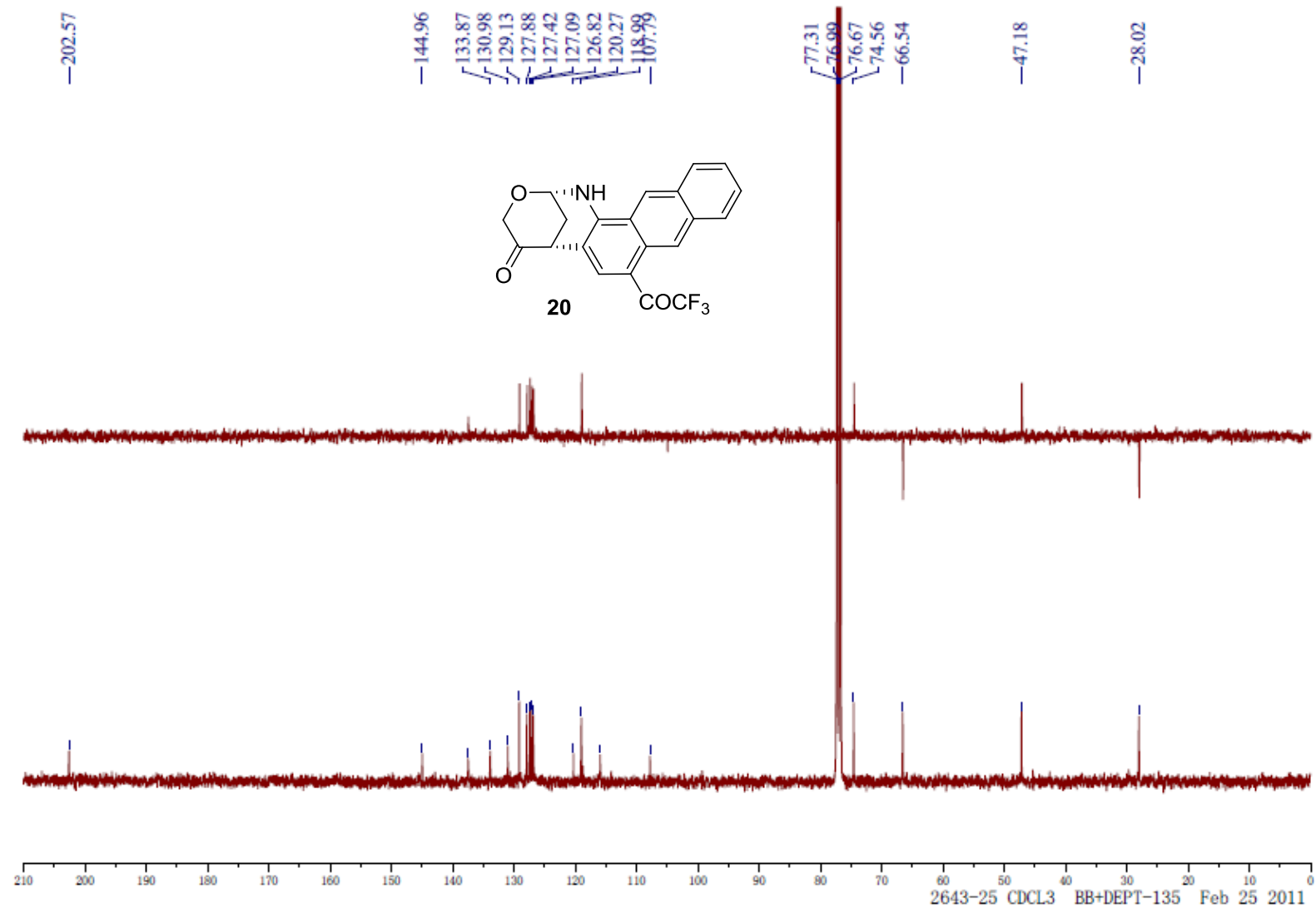


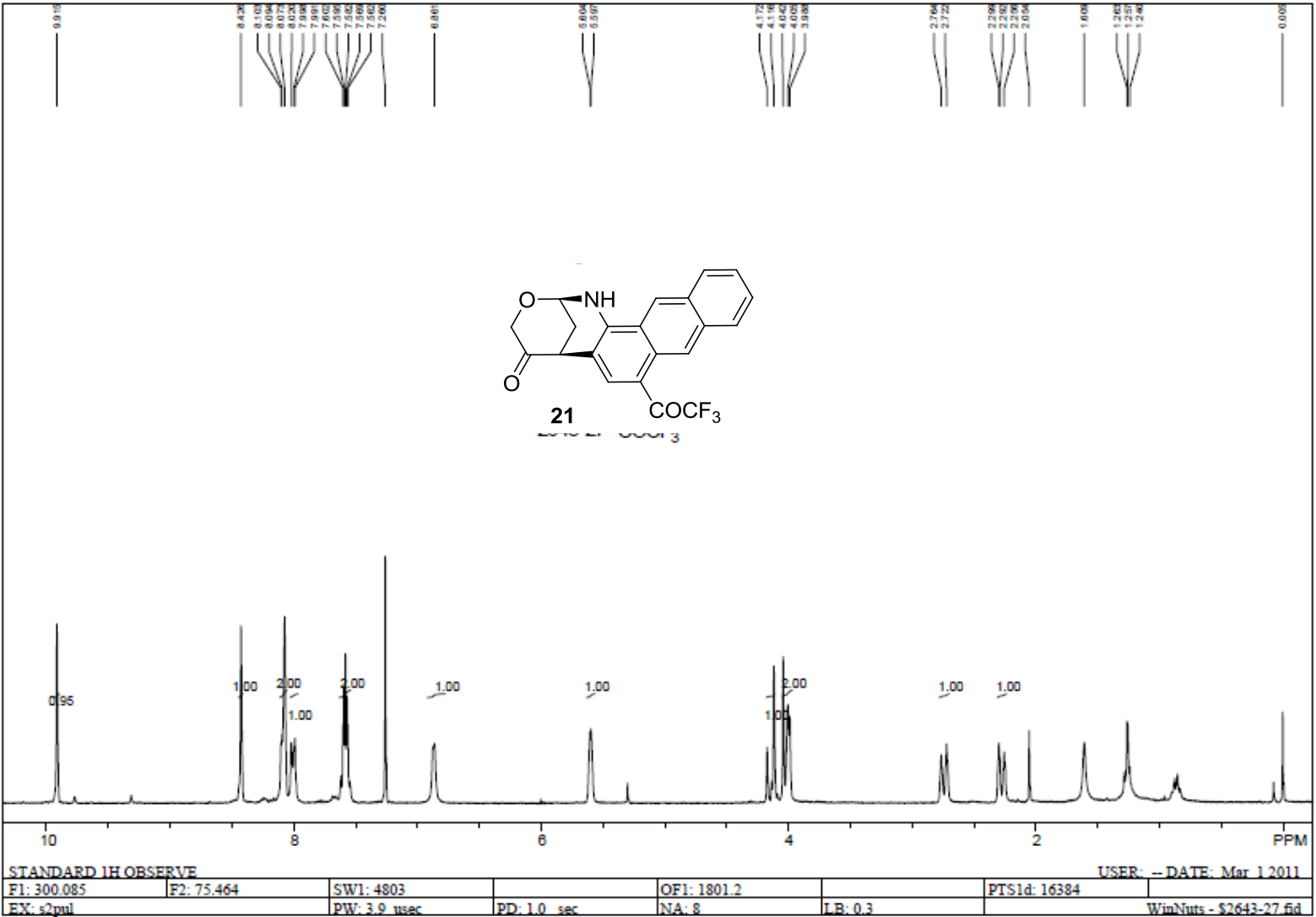


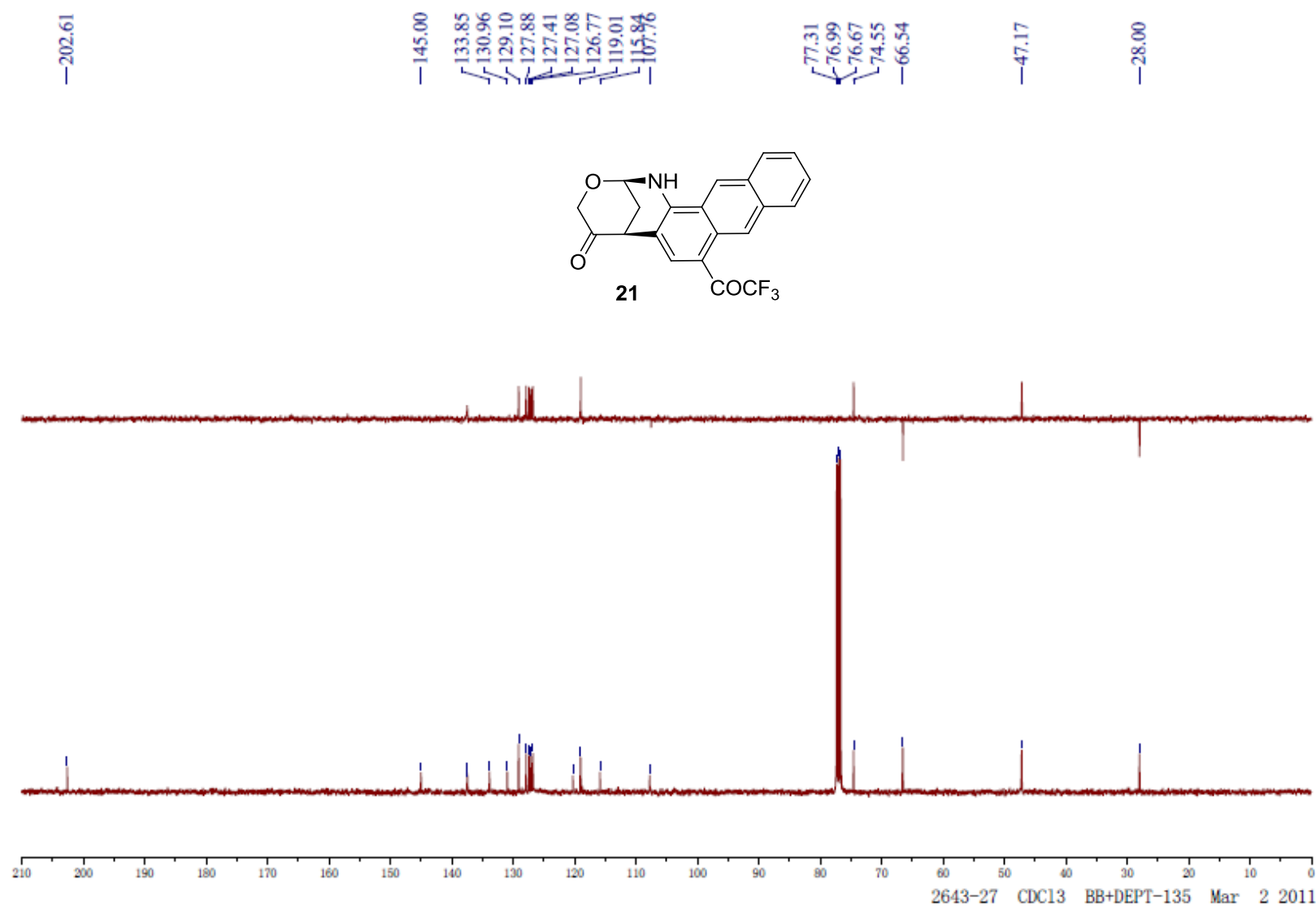


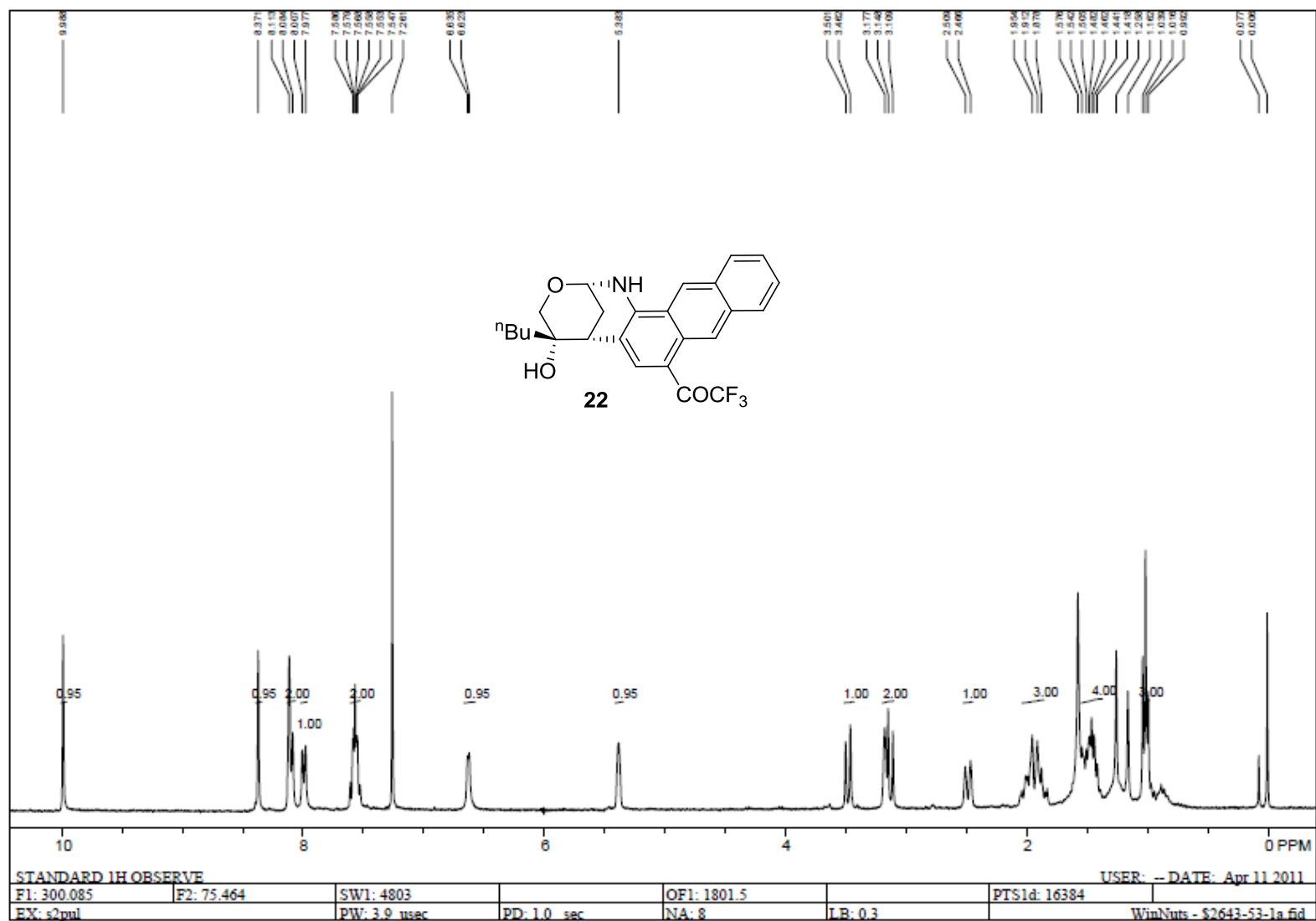


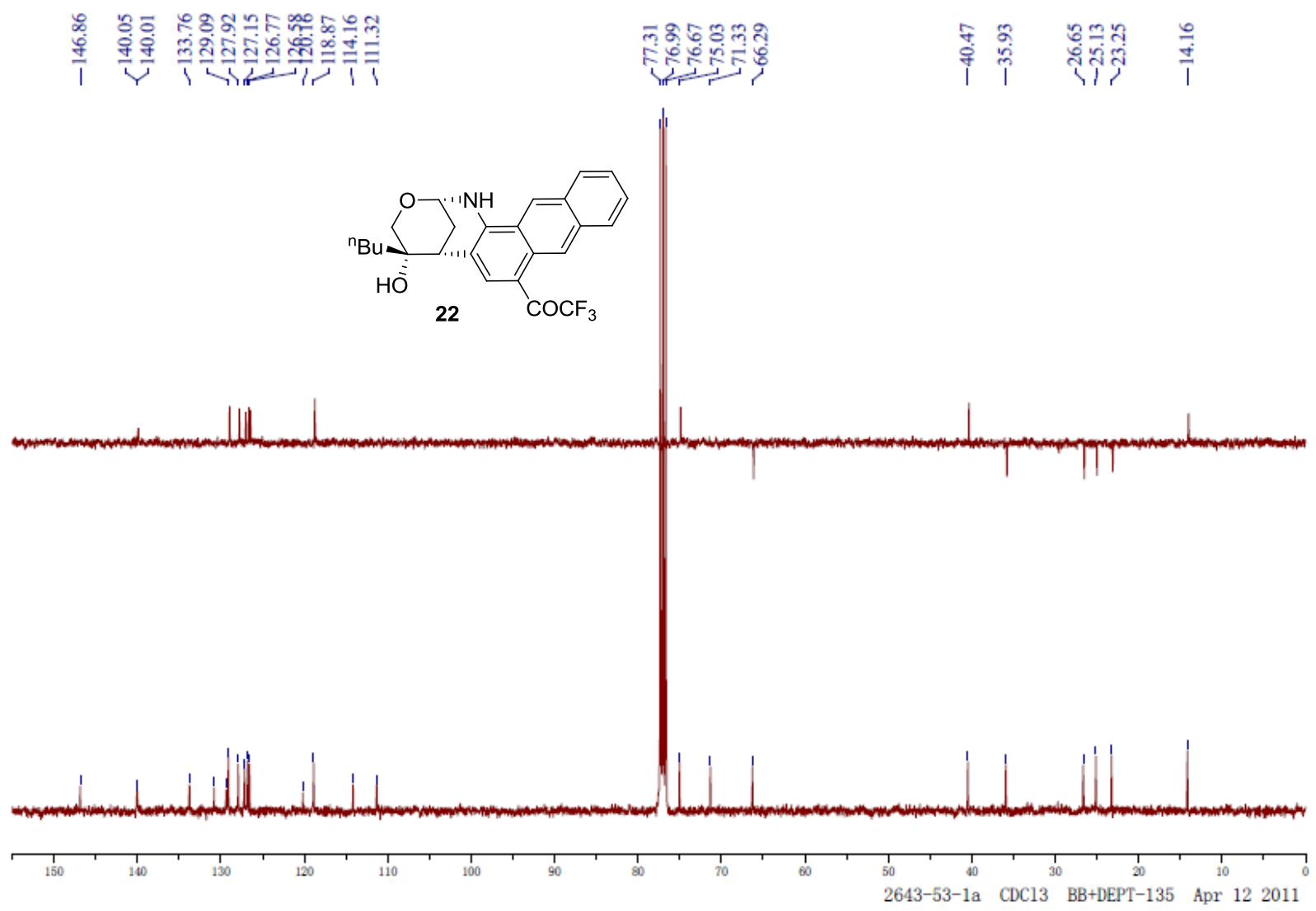


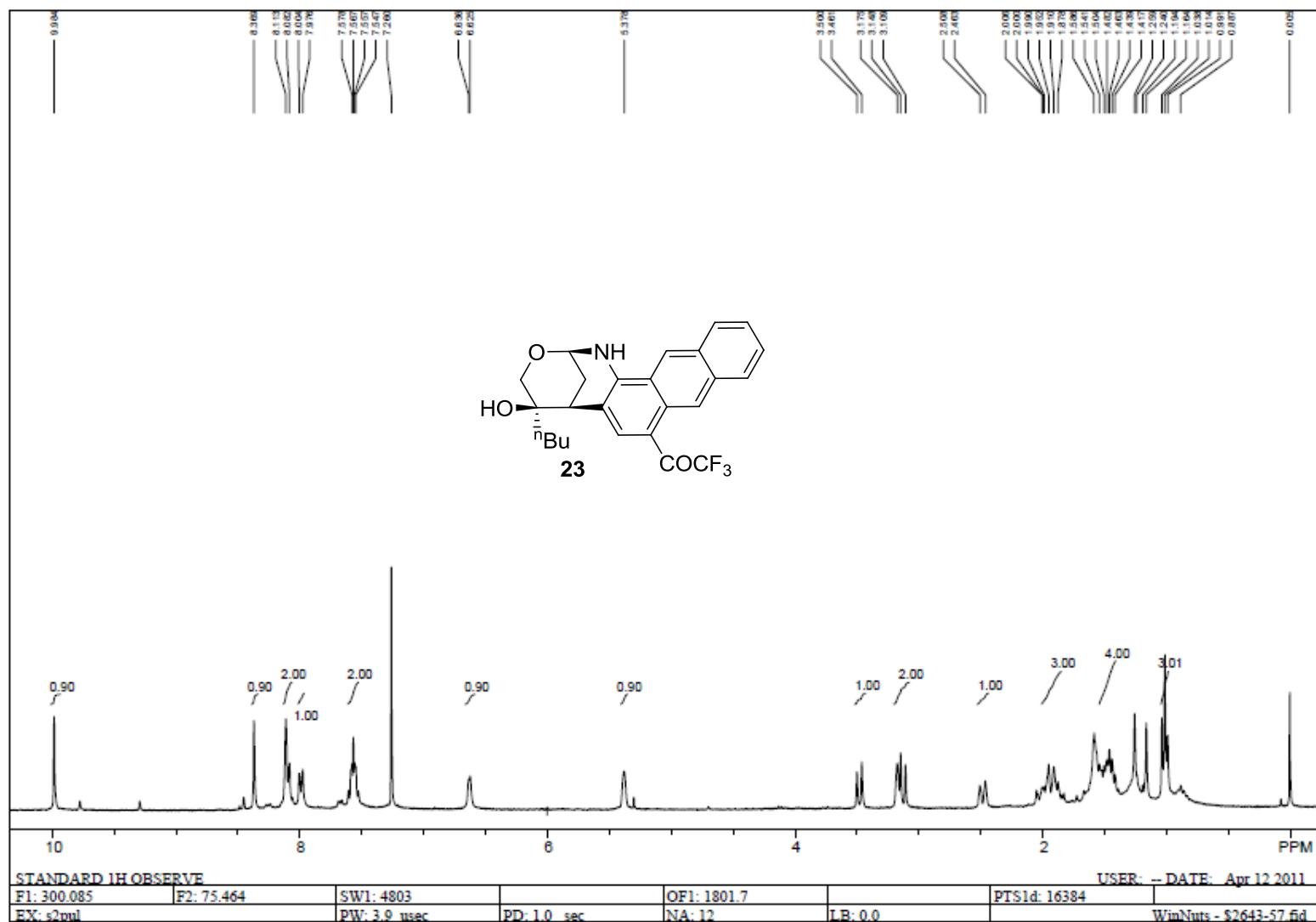


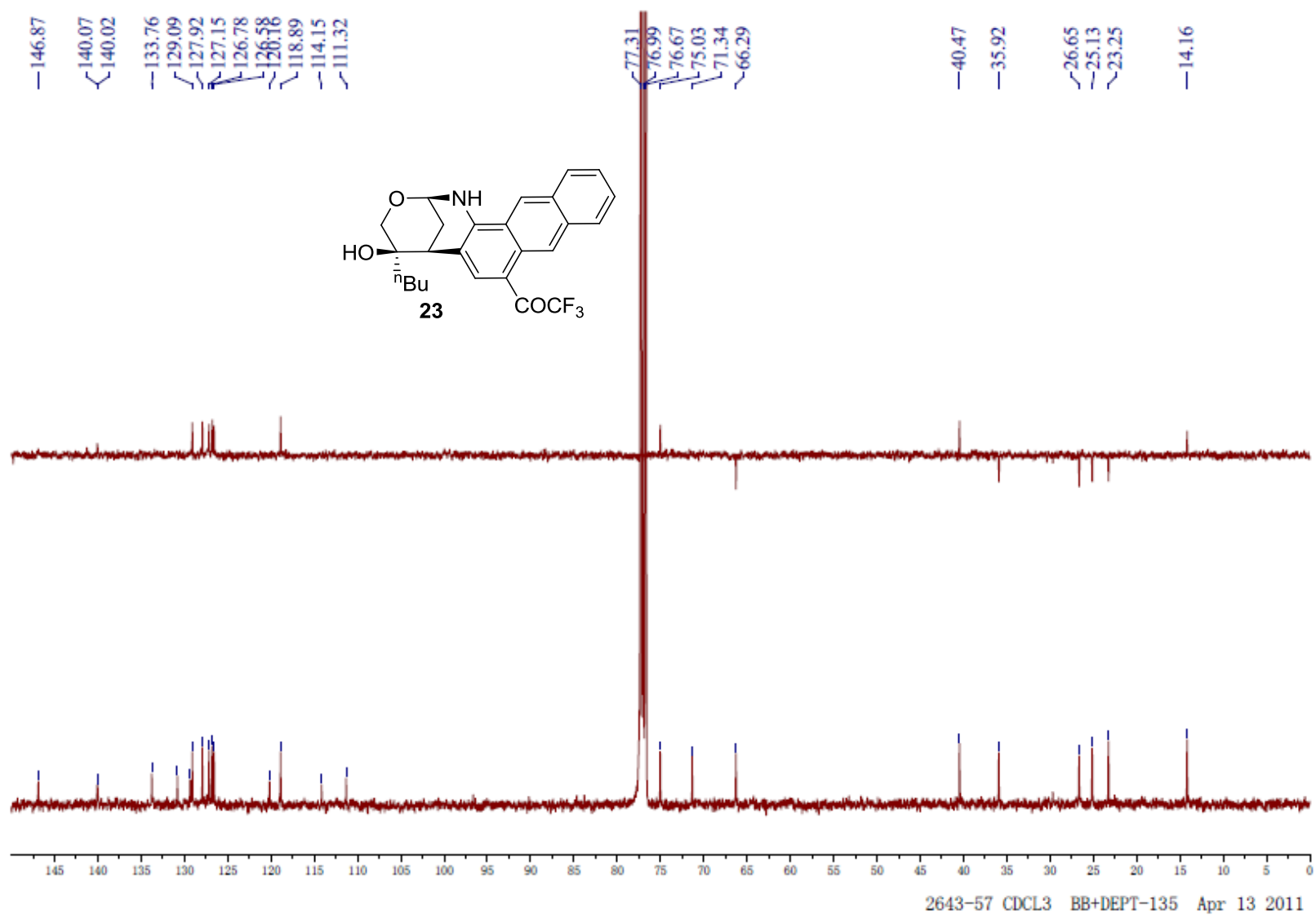




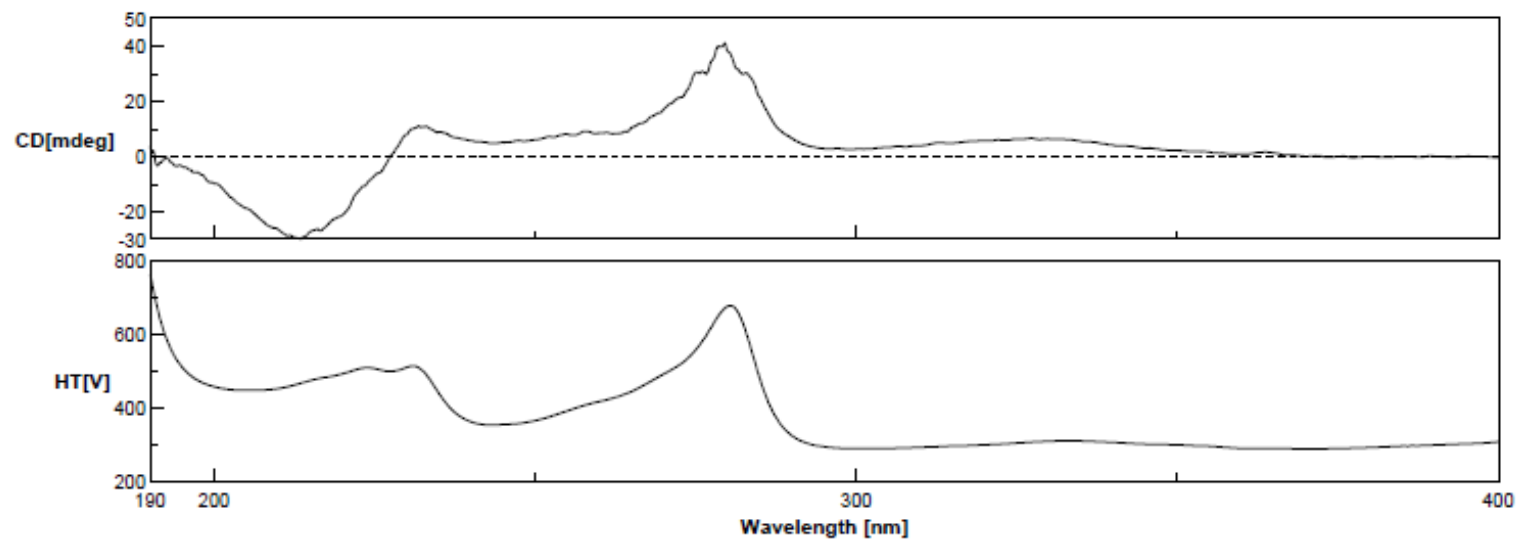






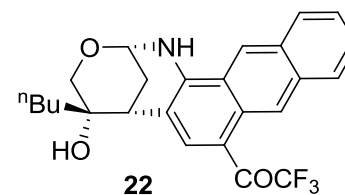


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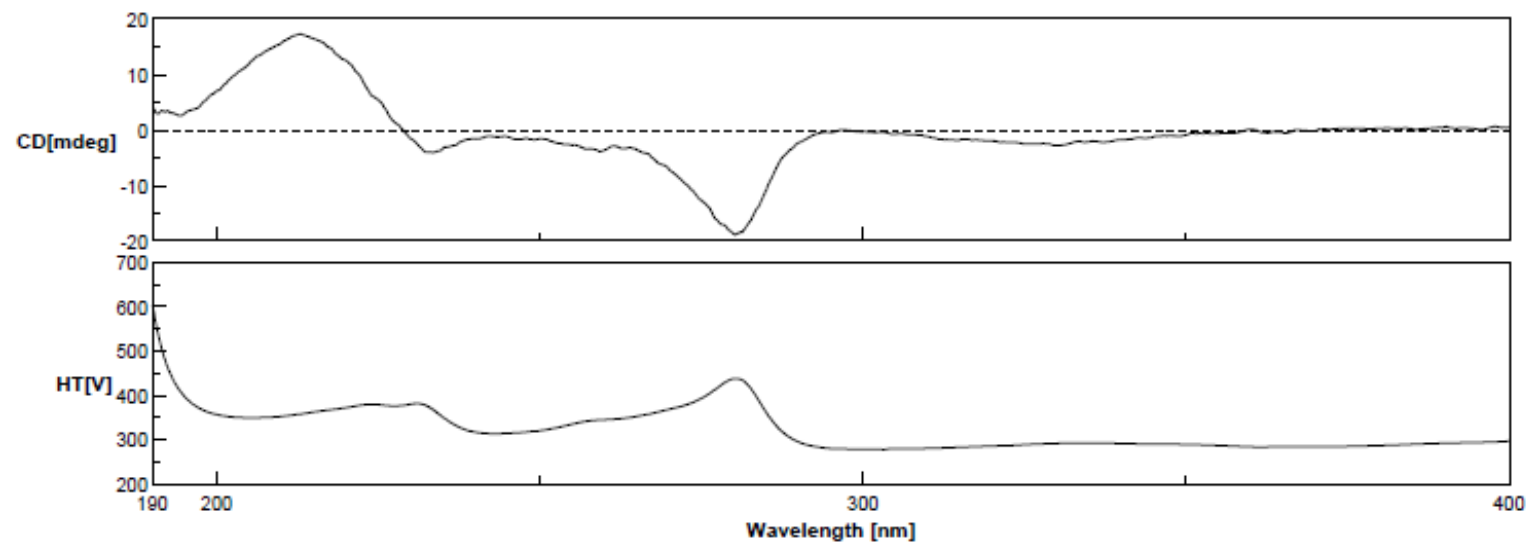


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Solvent MeOH-s
Temperature Room Temperature
Sample name 2643-53-1a

File name 2643-53-1a.jws

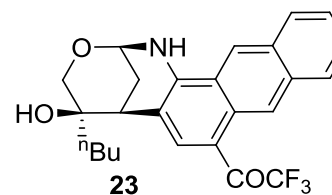


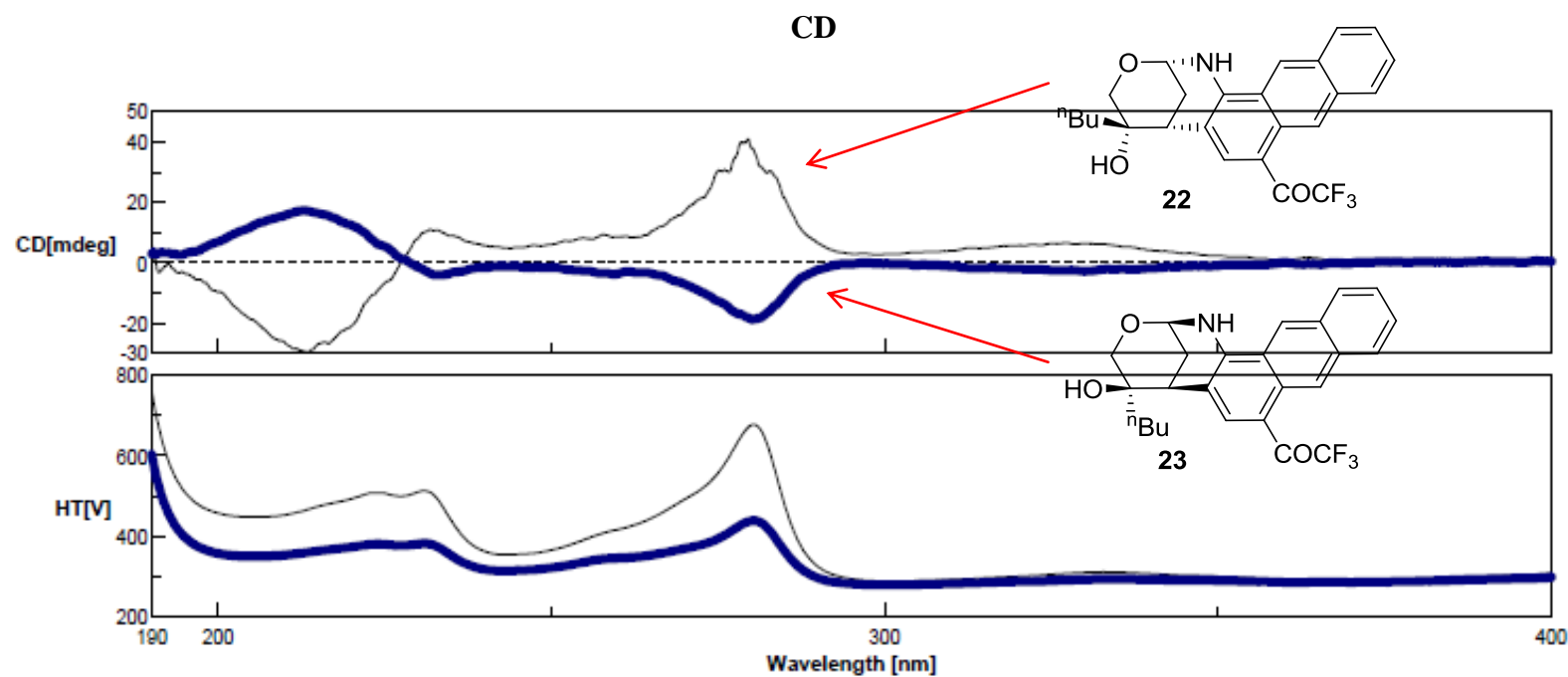
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Scanning speed 100 nm/min
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Concentration 0.045 (w/v)%
Solvent MeOH-g
Temperature Room Temperature
Sample name 2643-57

File name 2643-57.jws





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Sensitivity Standard
Measurement range 400 - 190 nm
Data pitch 0.1 nm
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Accumulation 3
Cell Length 0.05 cm
Concentration 0.045 (w/v)%
Solvent MeOH-g
Temperature Room Temperature

— 2643-53-1a.jws
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