JOC The Journal of Organic Chemistry

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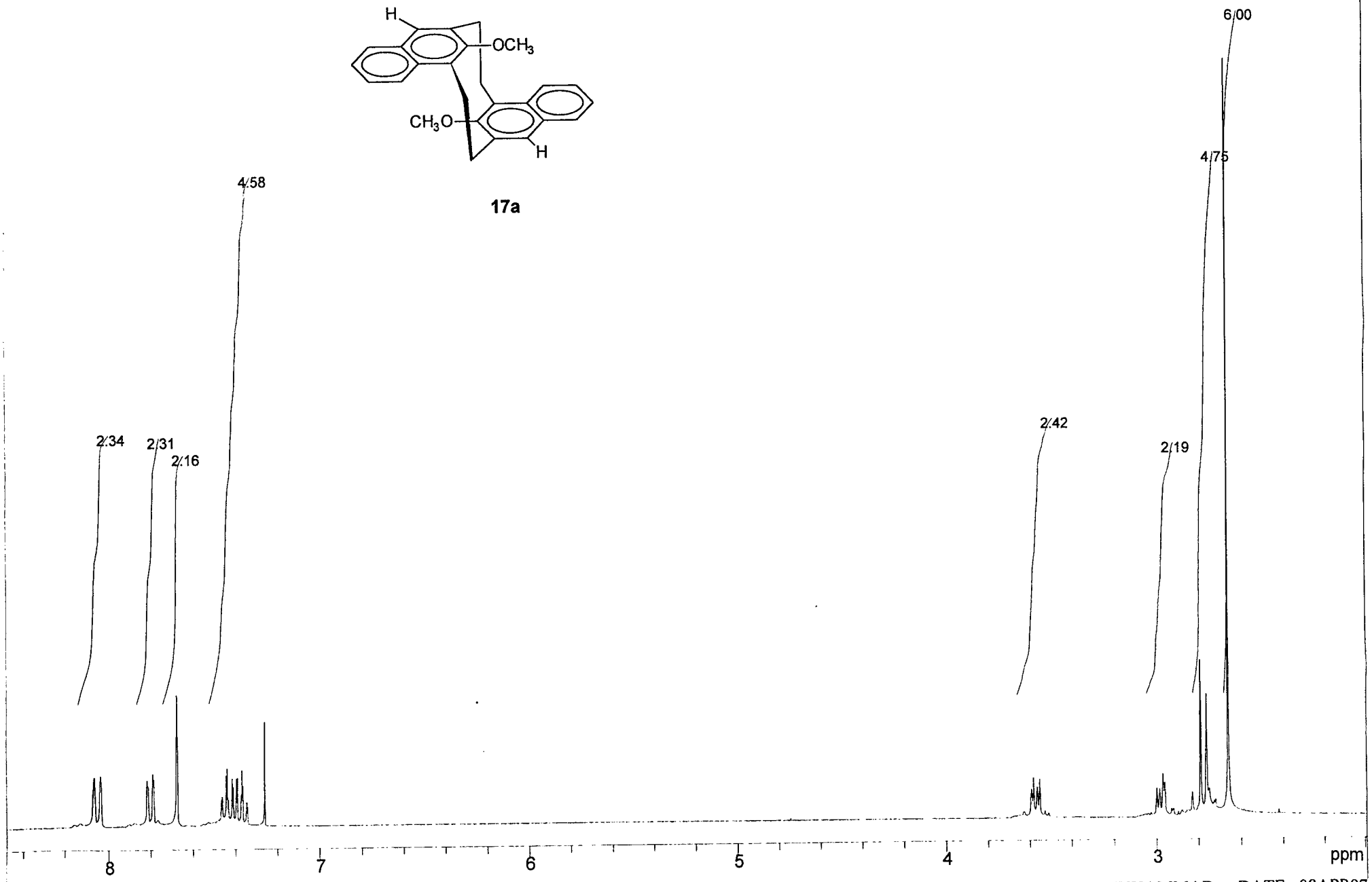
17a



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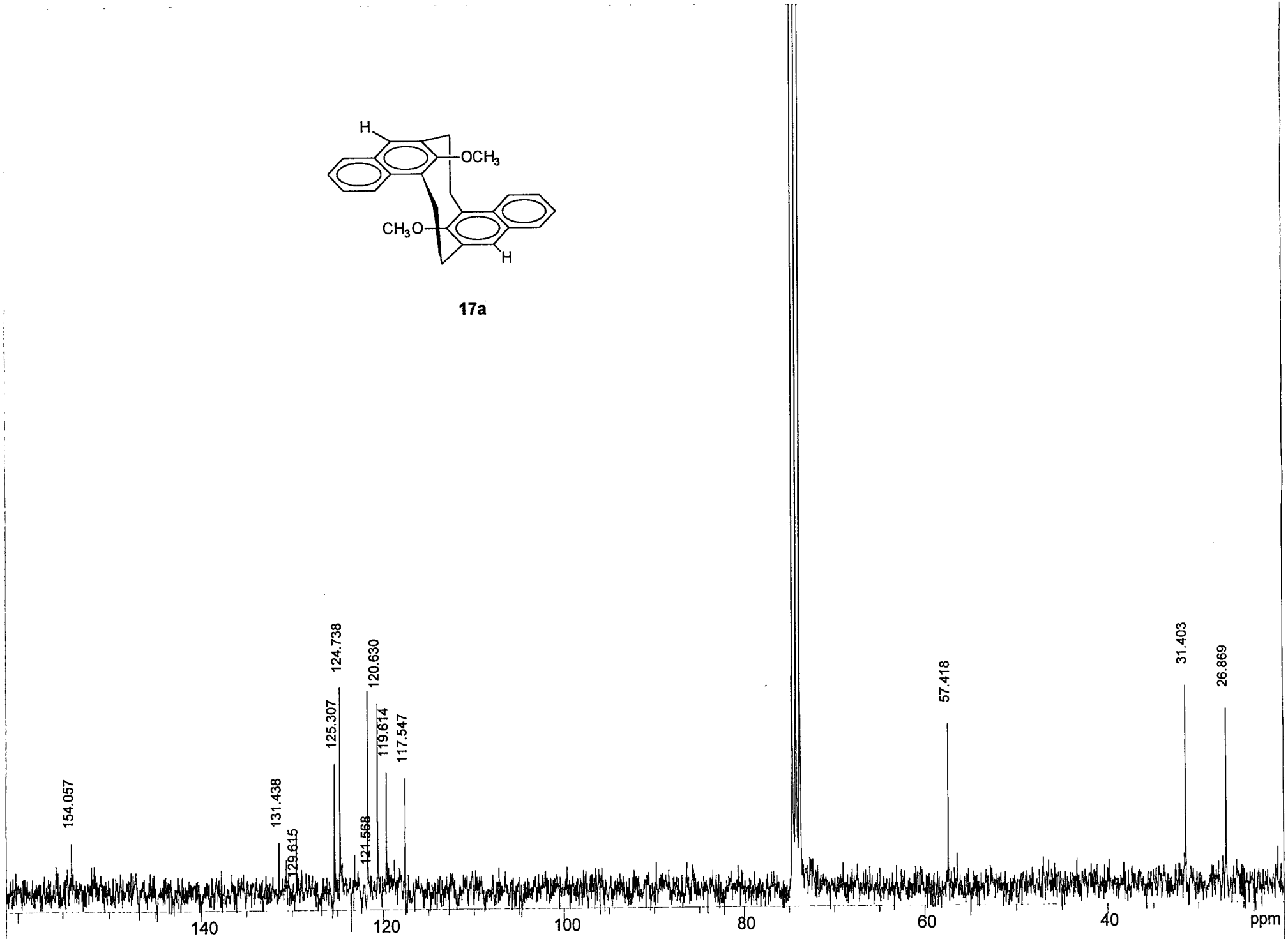
USER: MUHAMMAD DATE: 08APR97

WinNuts - $Mh559a.001

17a



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EX: 1PULS		PW: 8.0 usec	PD: 2.0 sec	NA: 1024	LB: 2.0	WinNuts - $Mh584a.002

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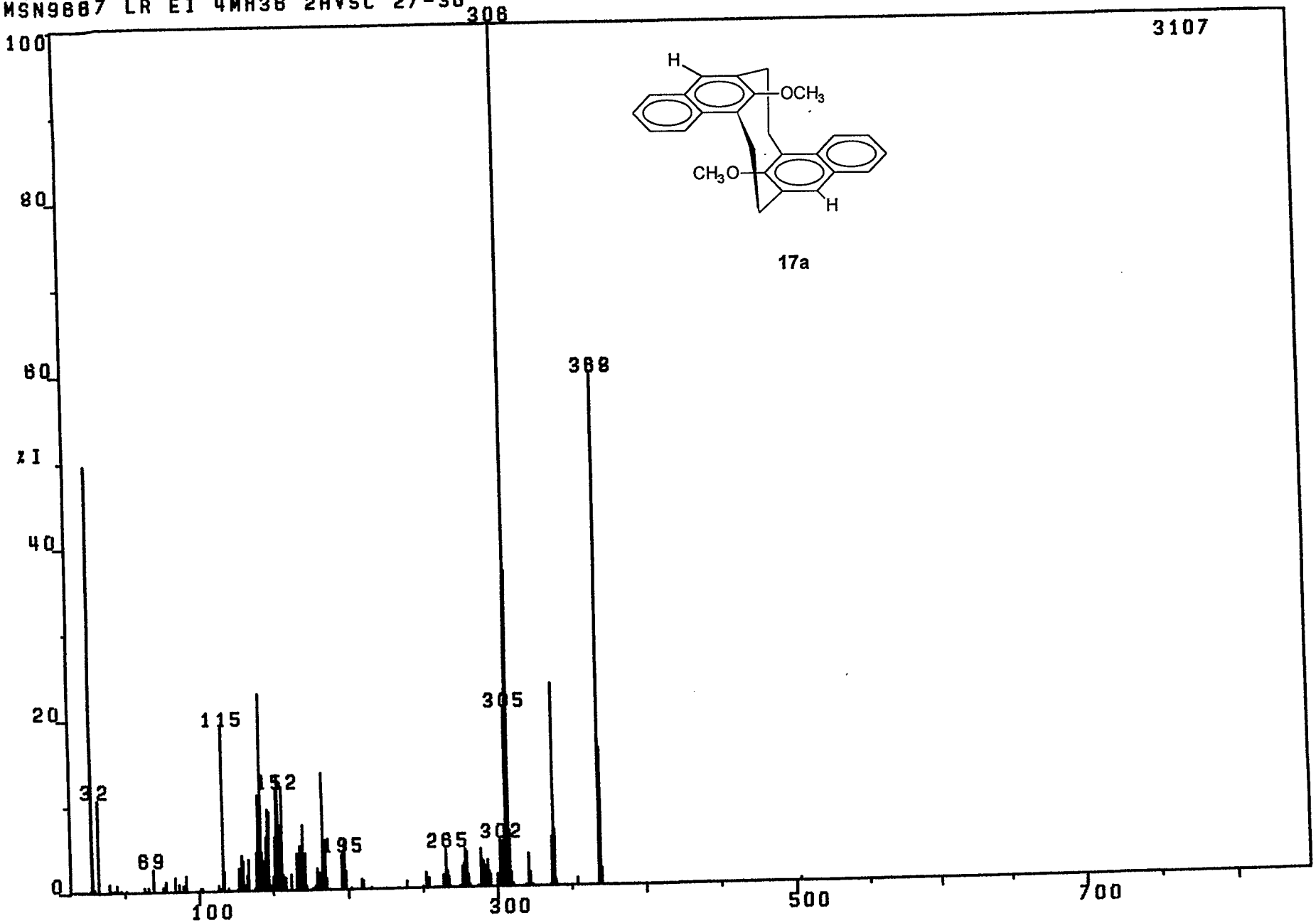

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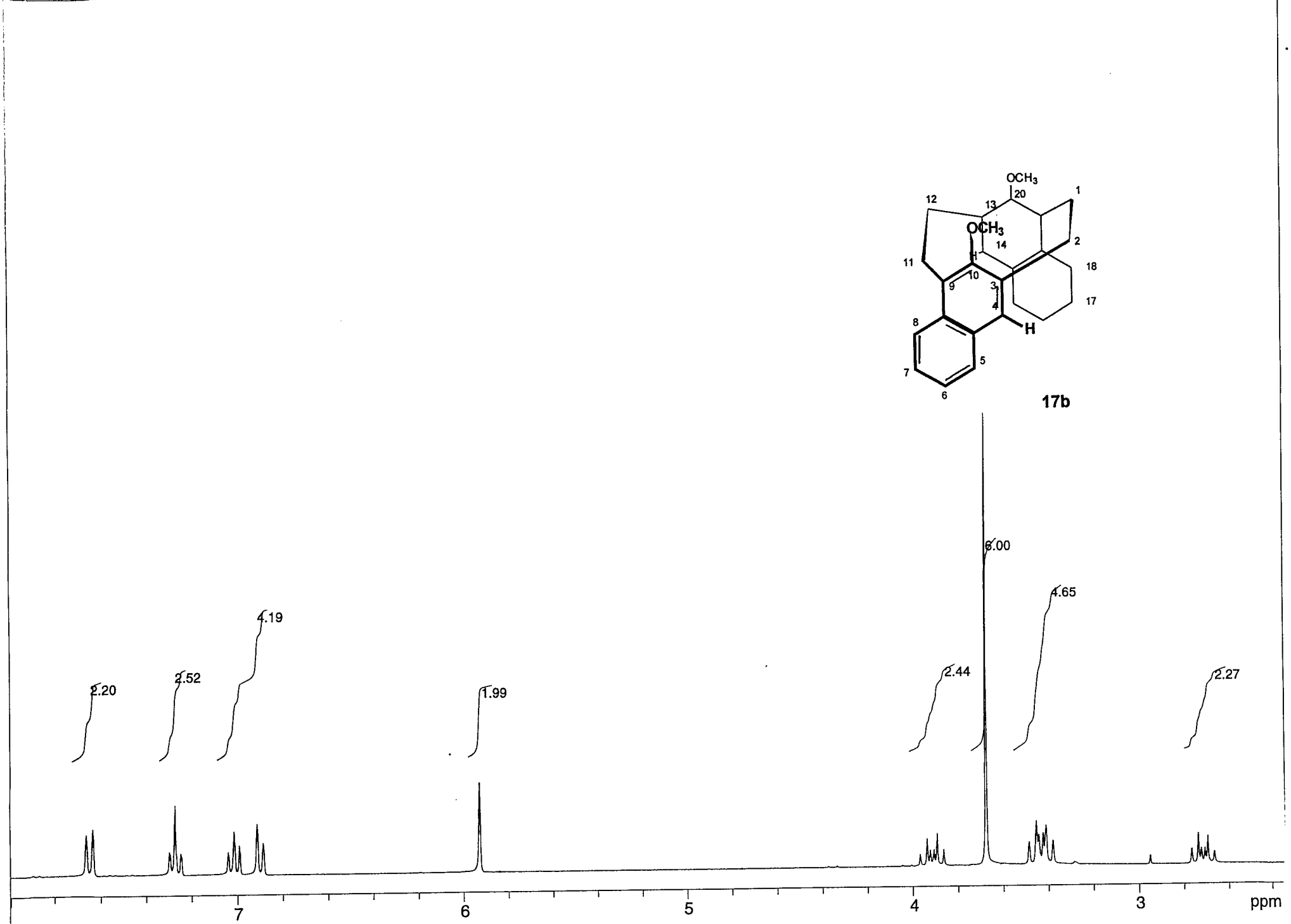

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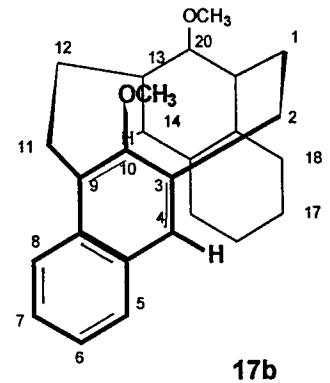

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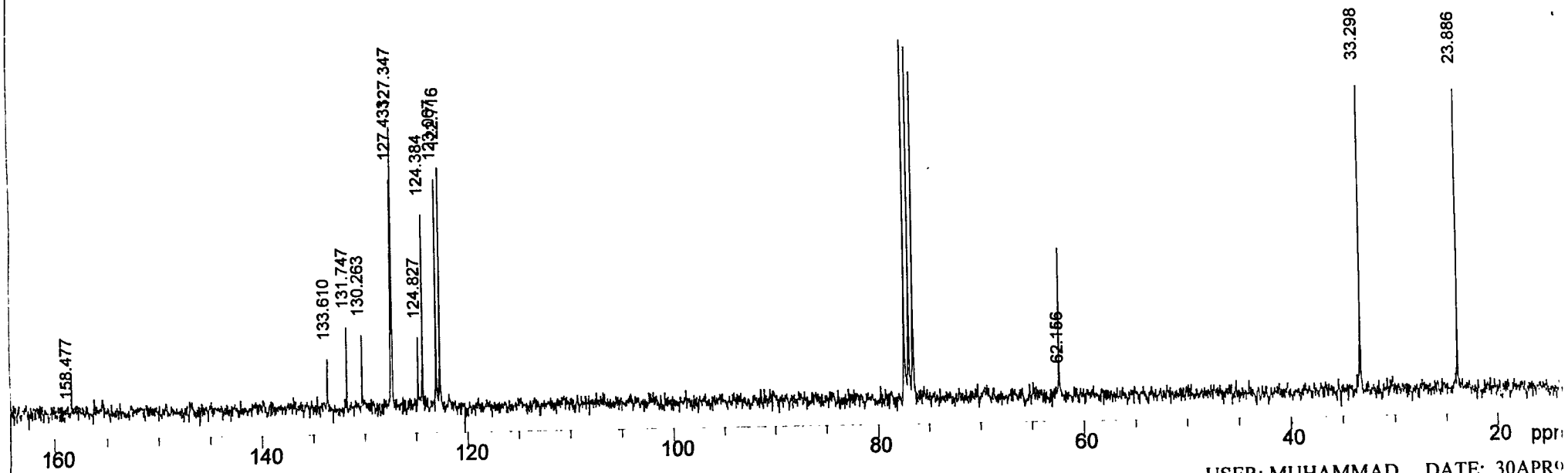

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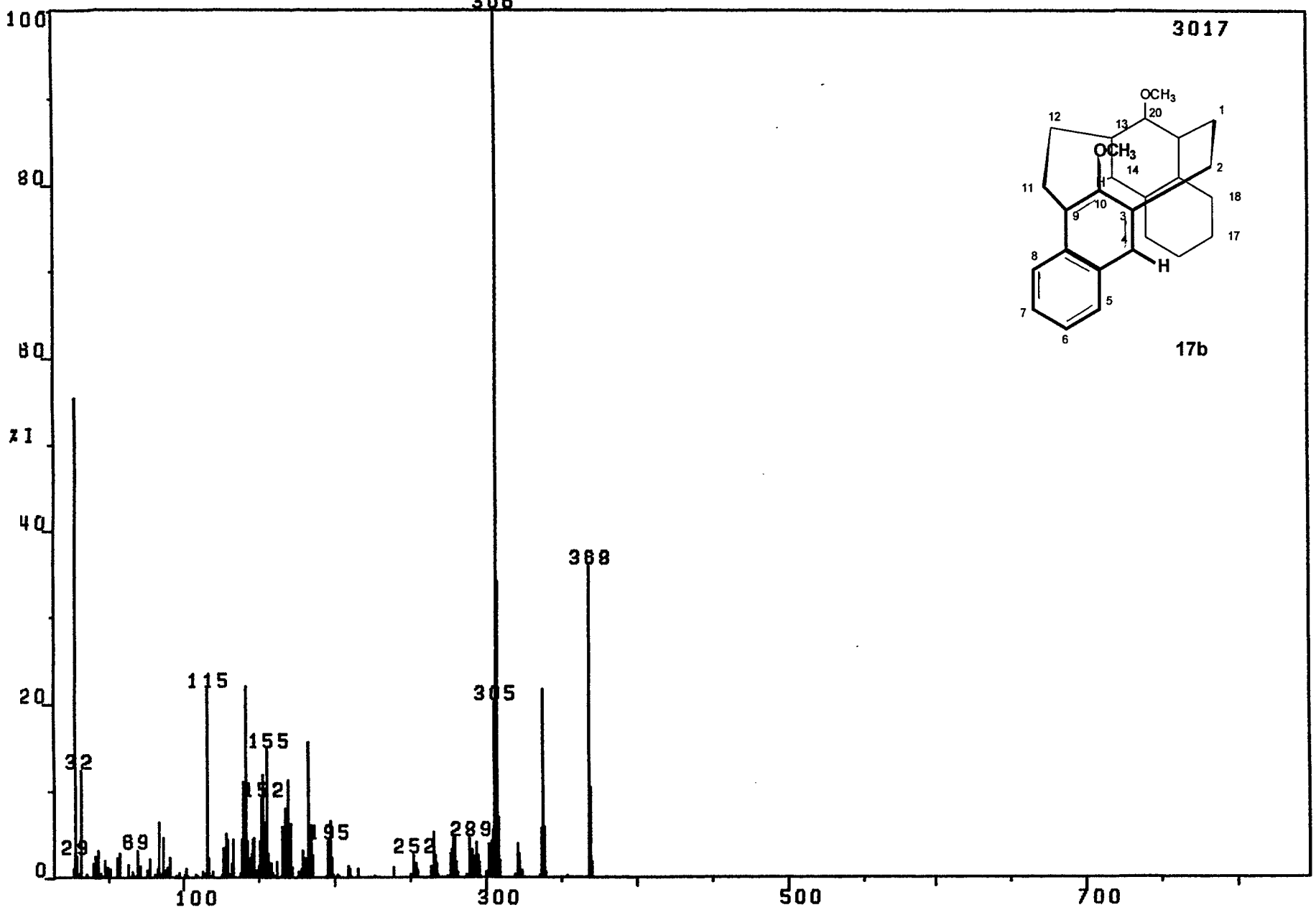

Mick

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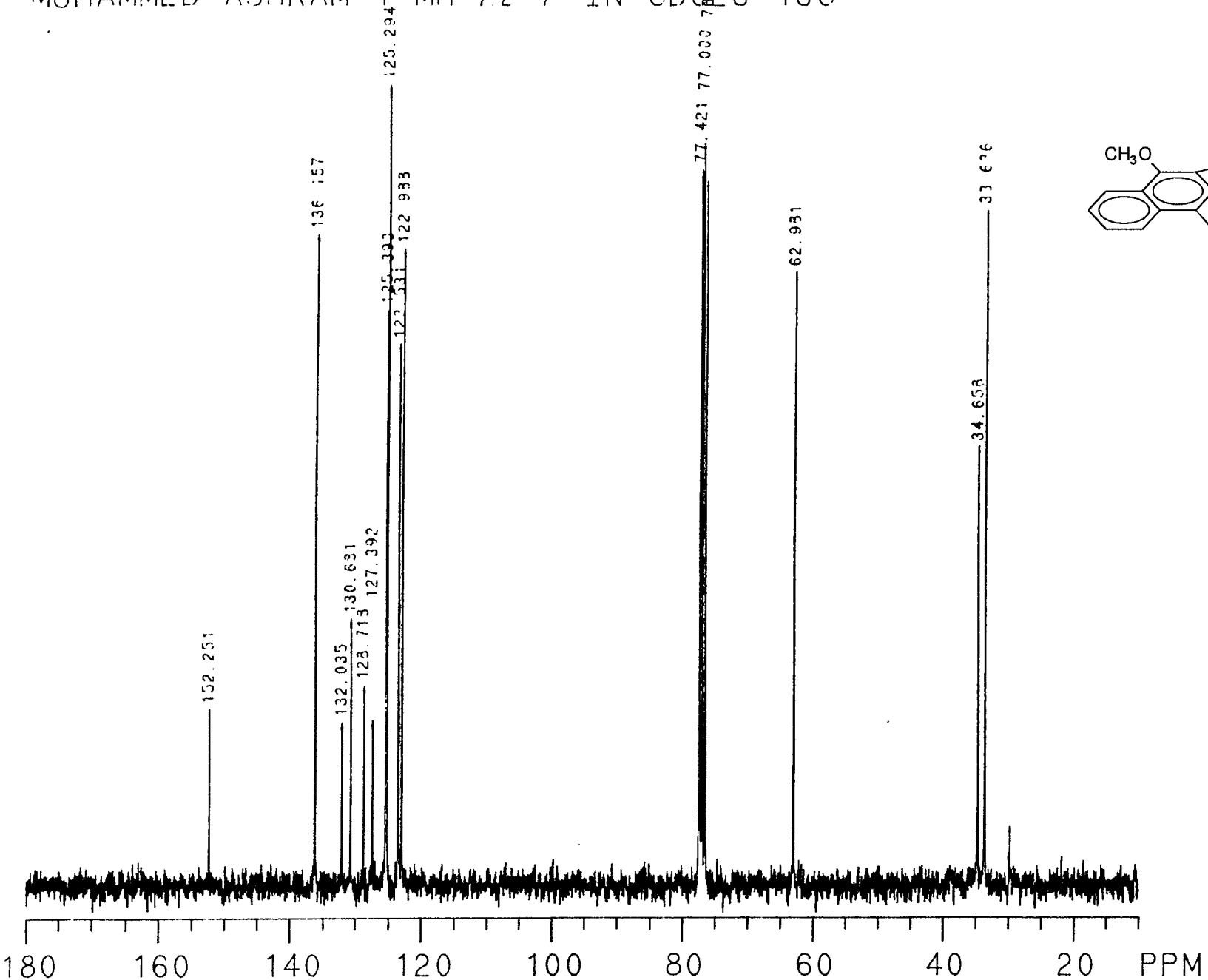
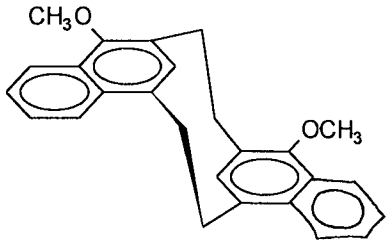
MH369A. 000 DMILLER 30SEP96
MUHAMMED ASHRAM 4-MH-22-2 IN CDCL3 13C





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MH363B. 000 DMILLER 24SEP96
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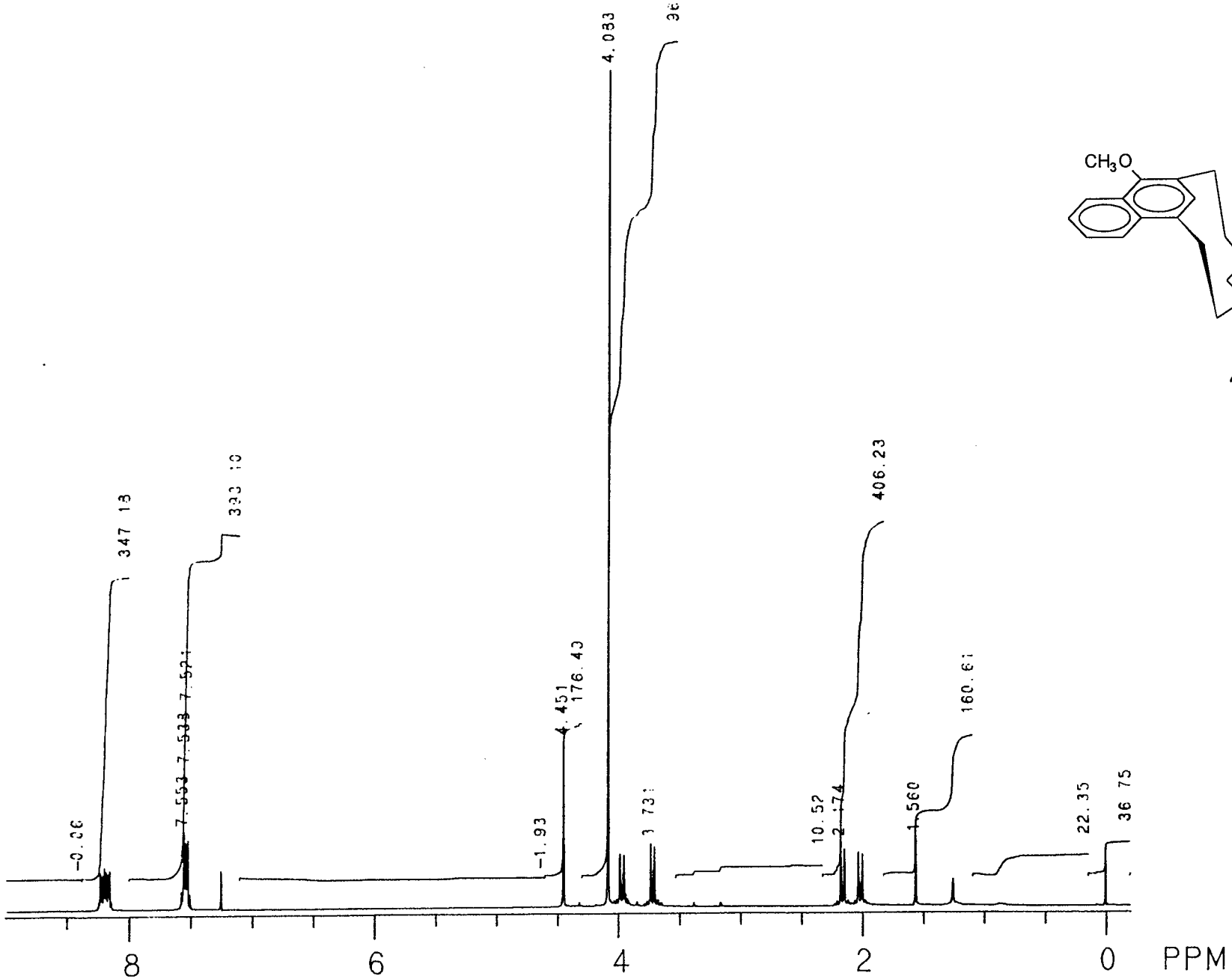

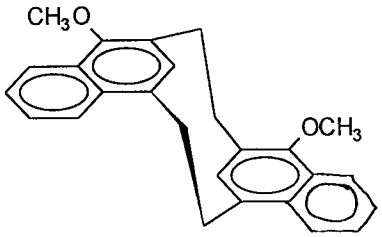

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POOR QUALITY ORIGINAL

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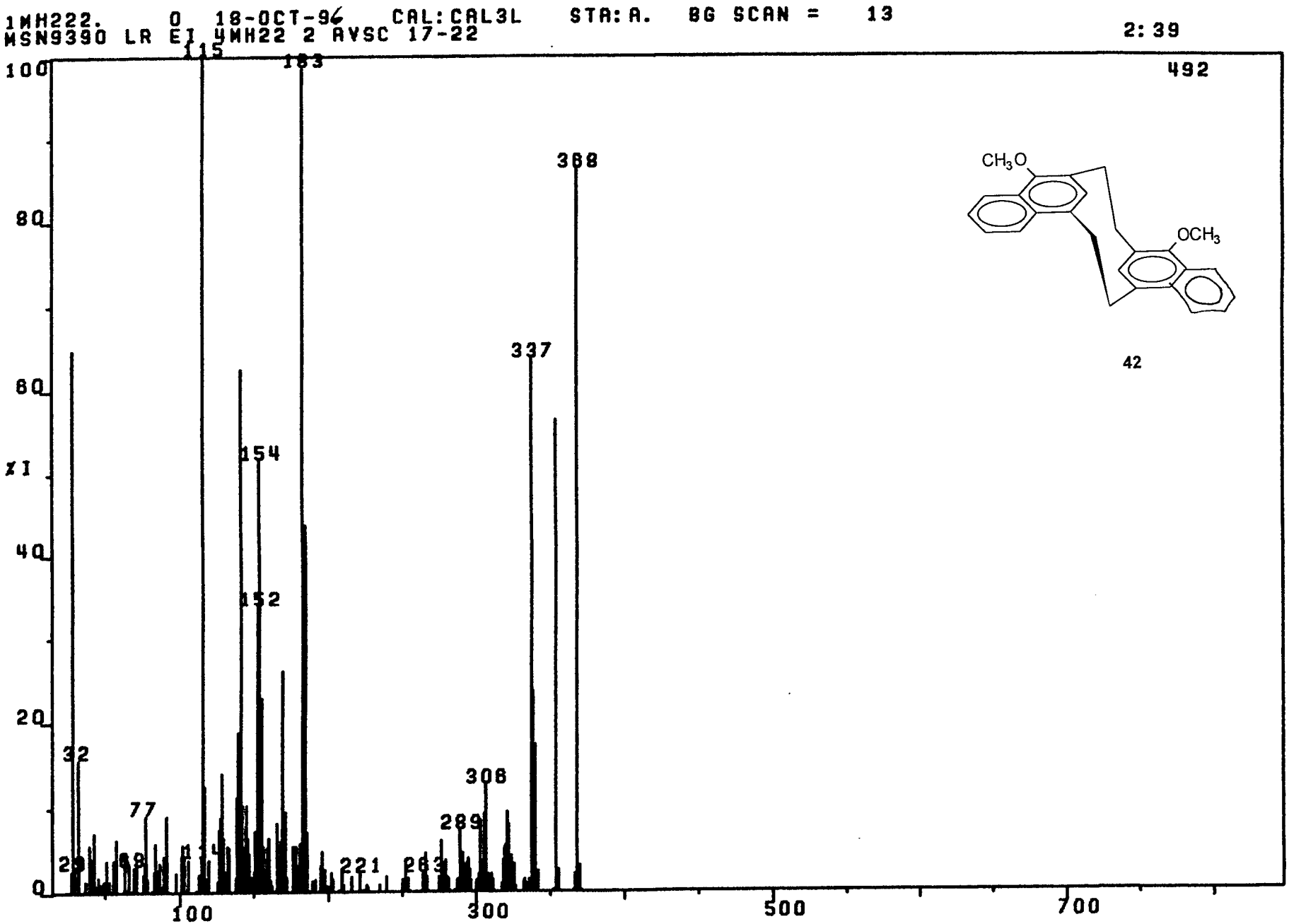

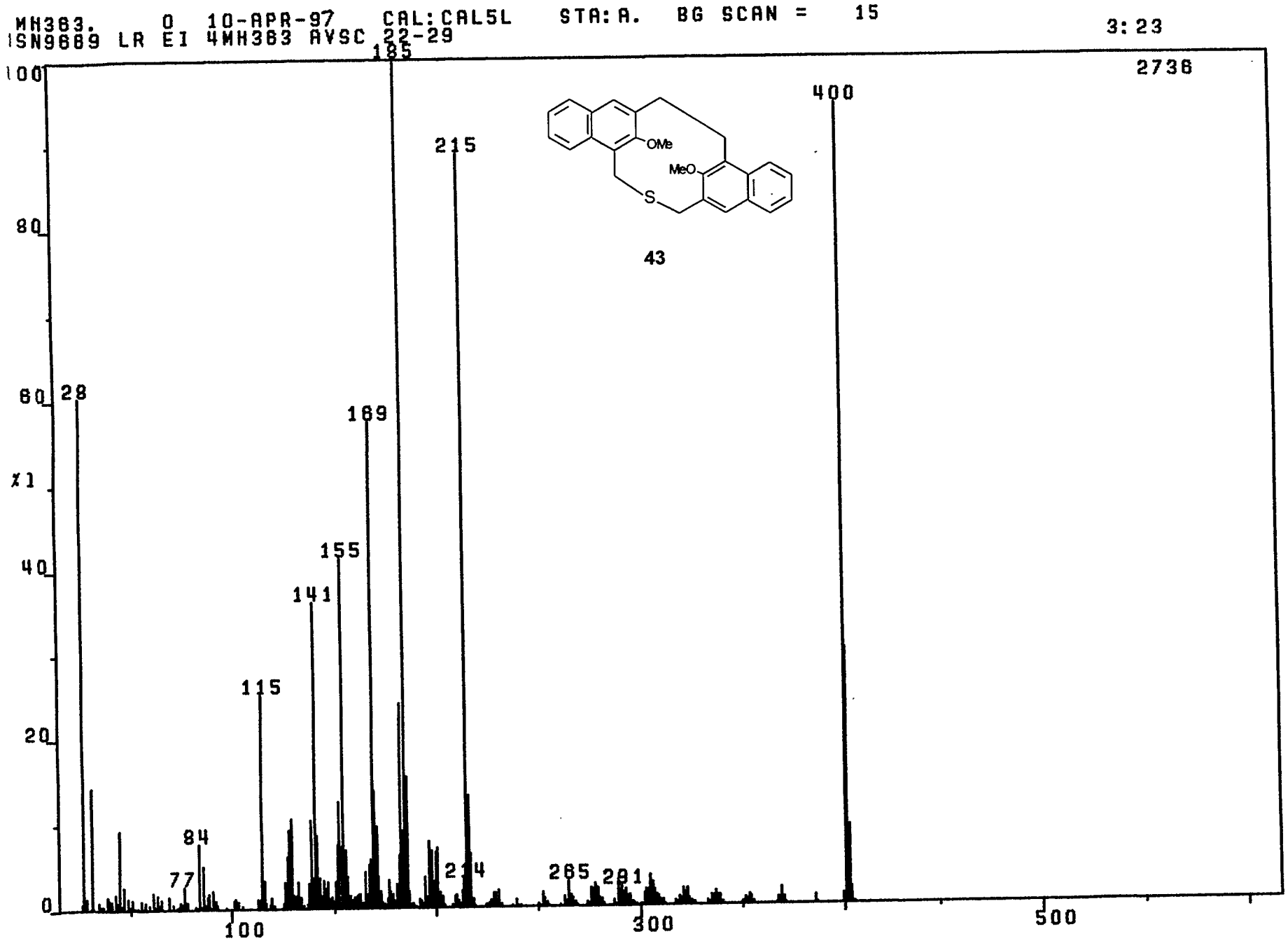
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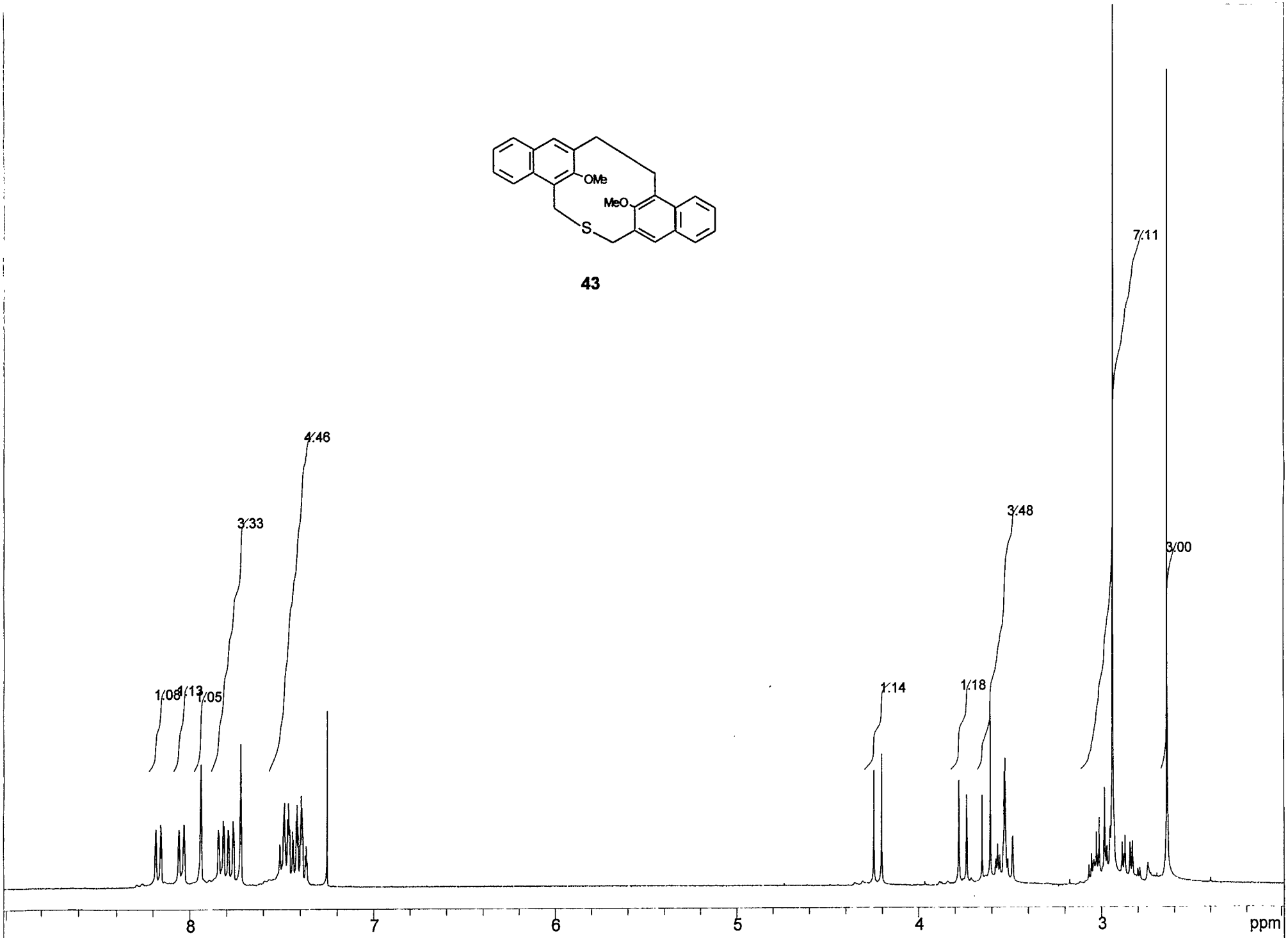

4-MH-36-3 USER: MUHAMMAD DATE: 08APR97

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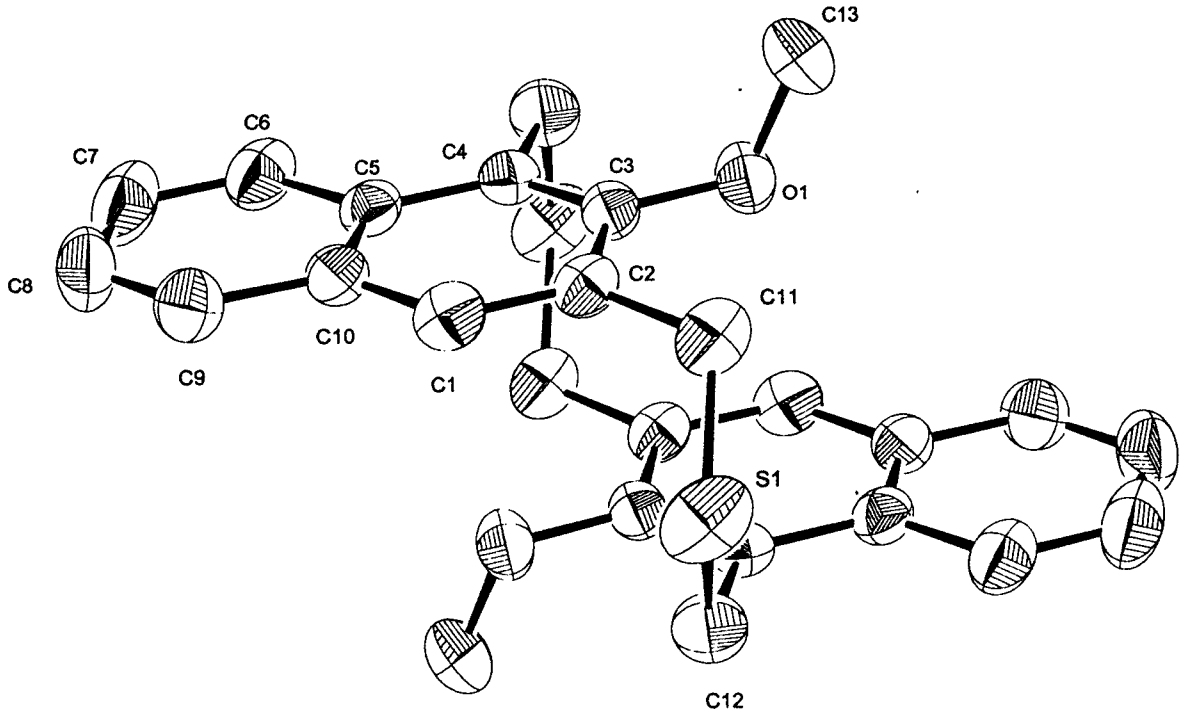

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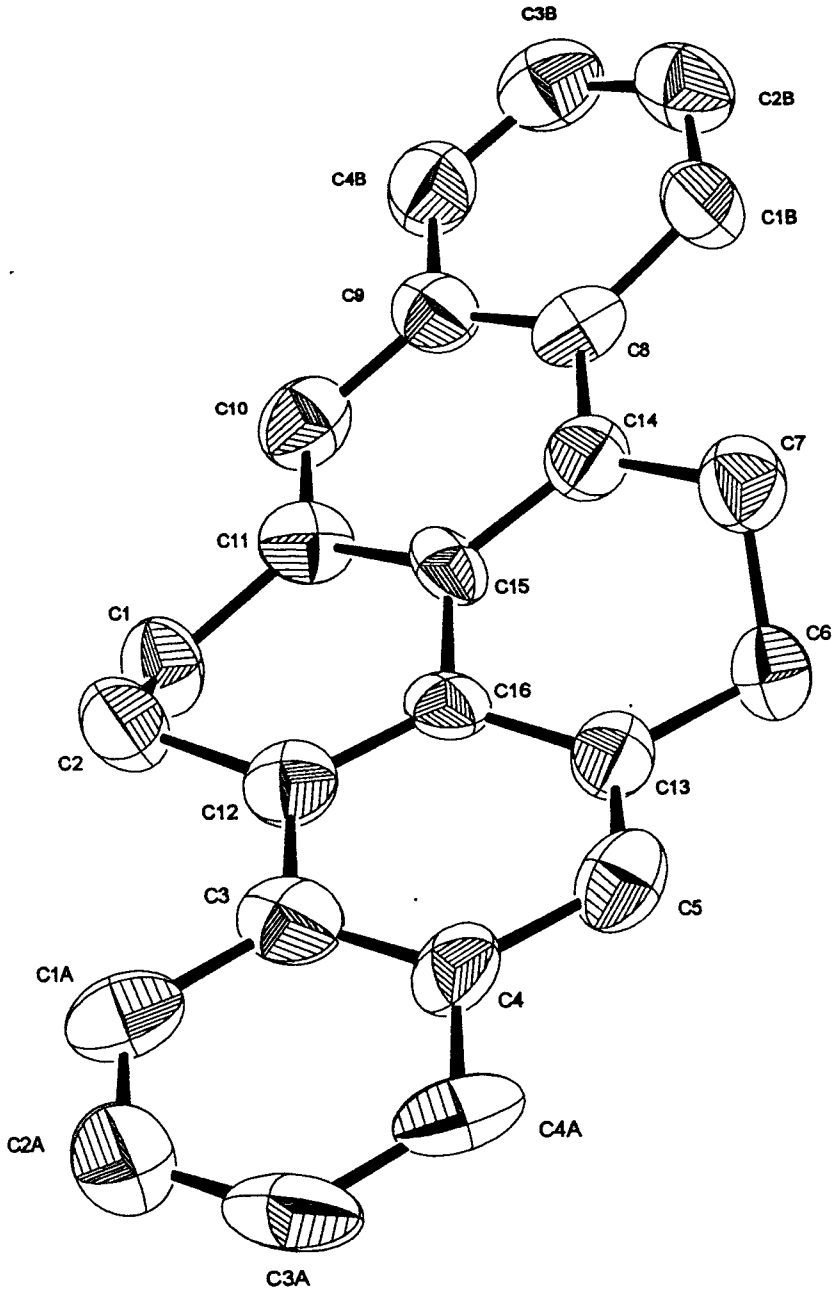
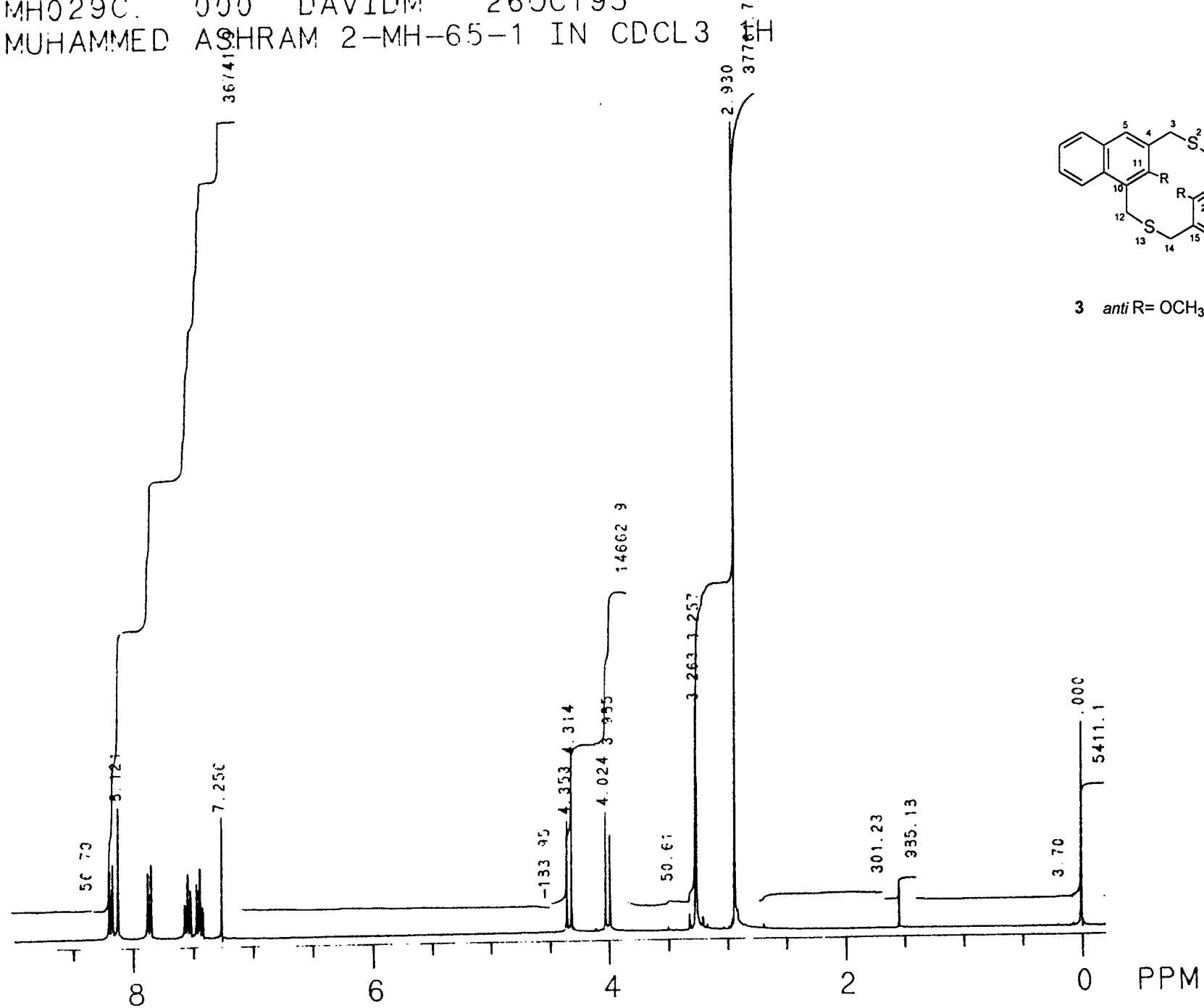
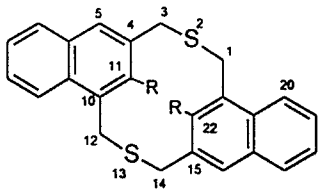


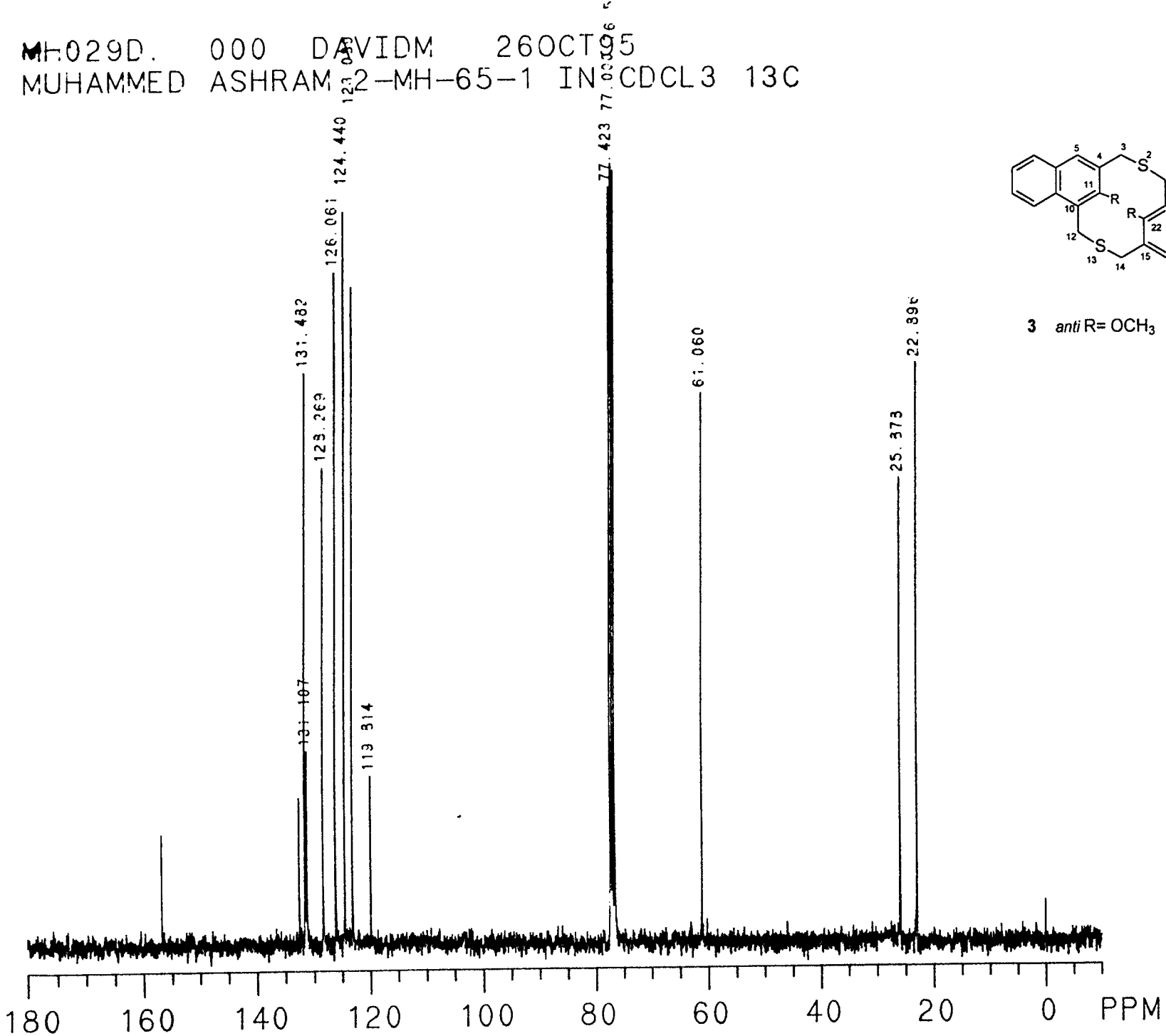


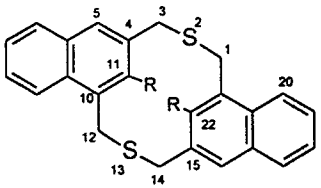


3 *anti* R= OCH_3

POOR QUALITY ORIGINAL

MH029D. 000 DAVIDM 26OCT95
MUHAMMED ASHRAM 2-MH-65-1 IN CDCL3 13C





3 *anti* R= OCH_3

POOR QUALITY ORIGINAL

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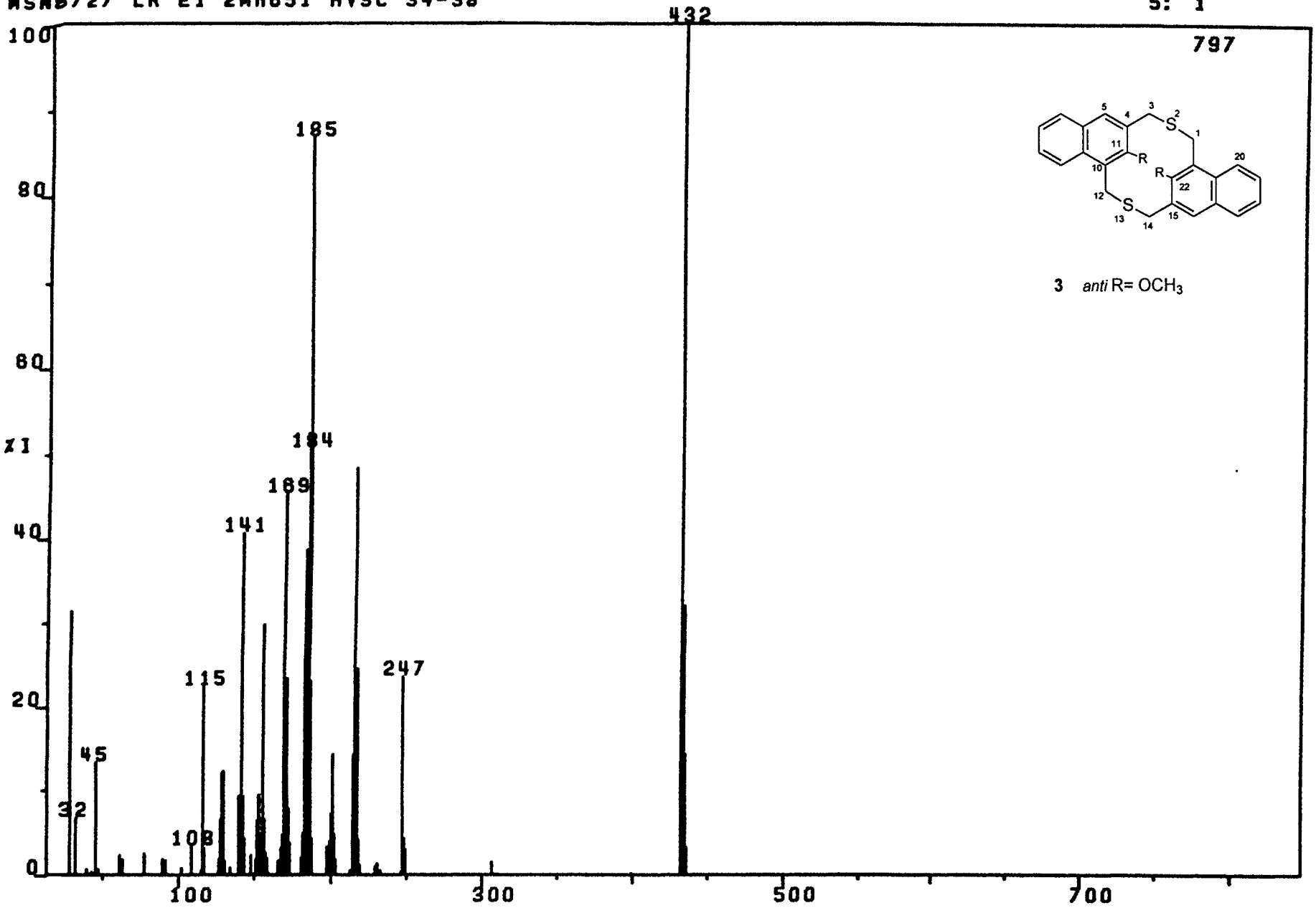

3 *anti* R= OCH_3

Mrh

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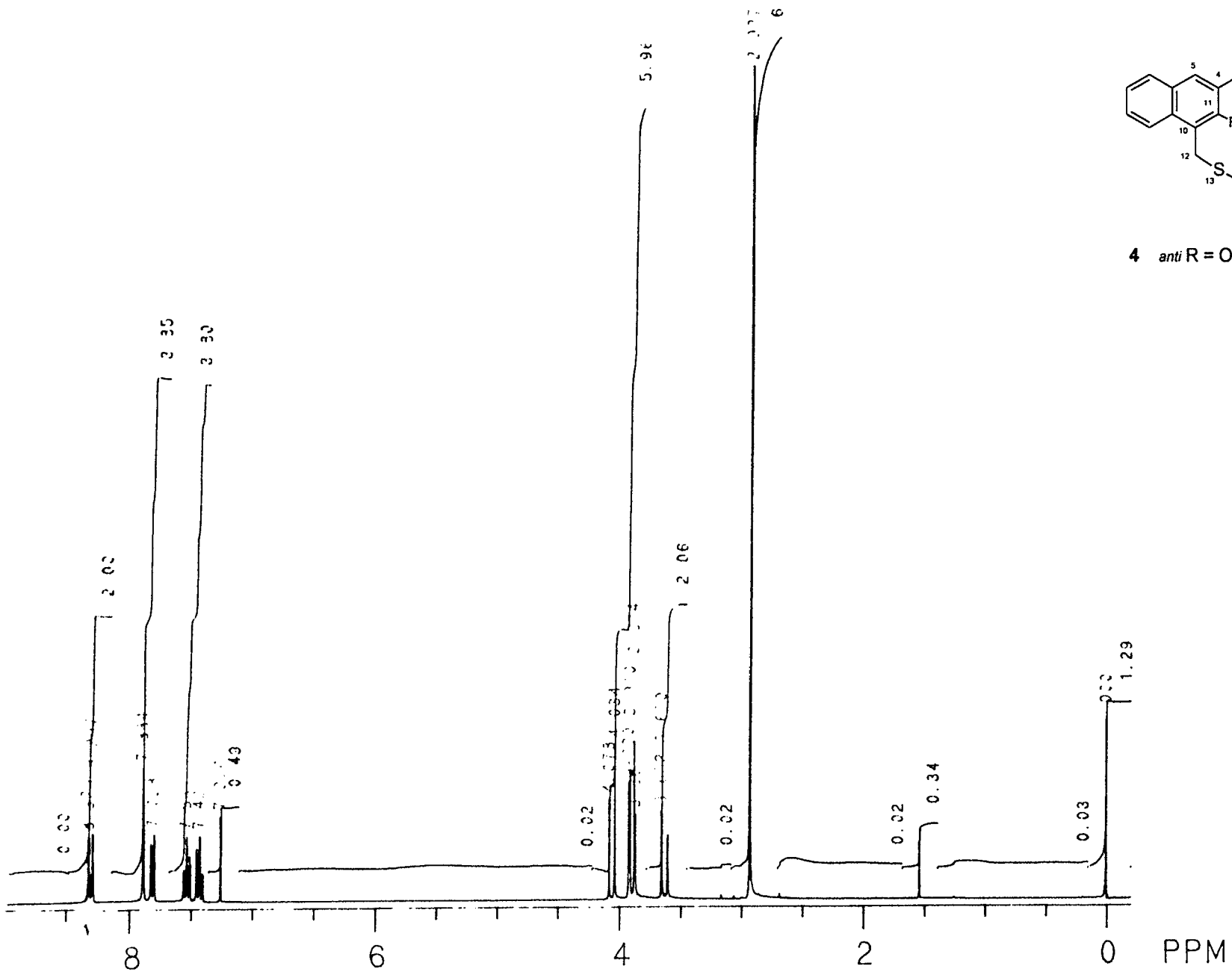

POOR QUALITY ORIGINAL

MH928E. 000 GNAT 17JUL95
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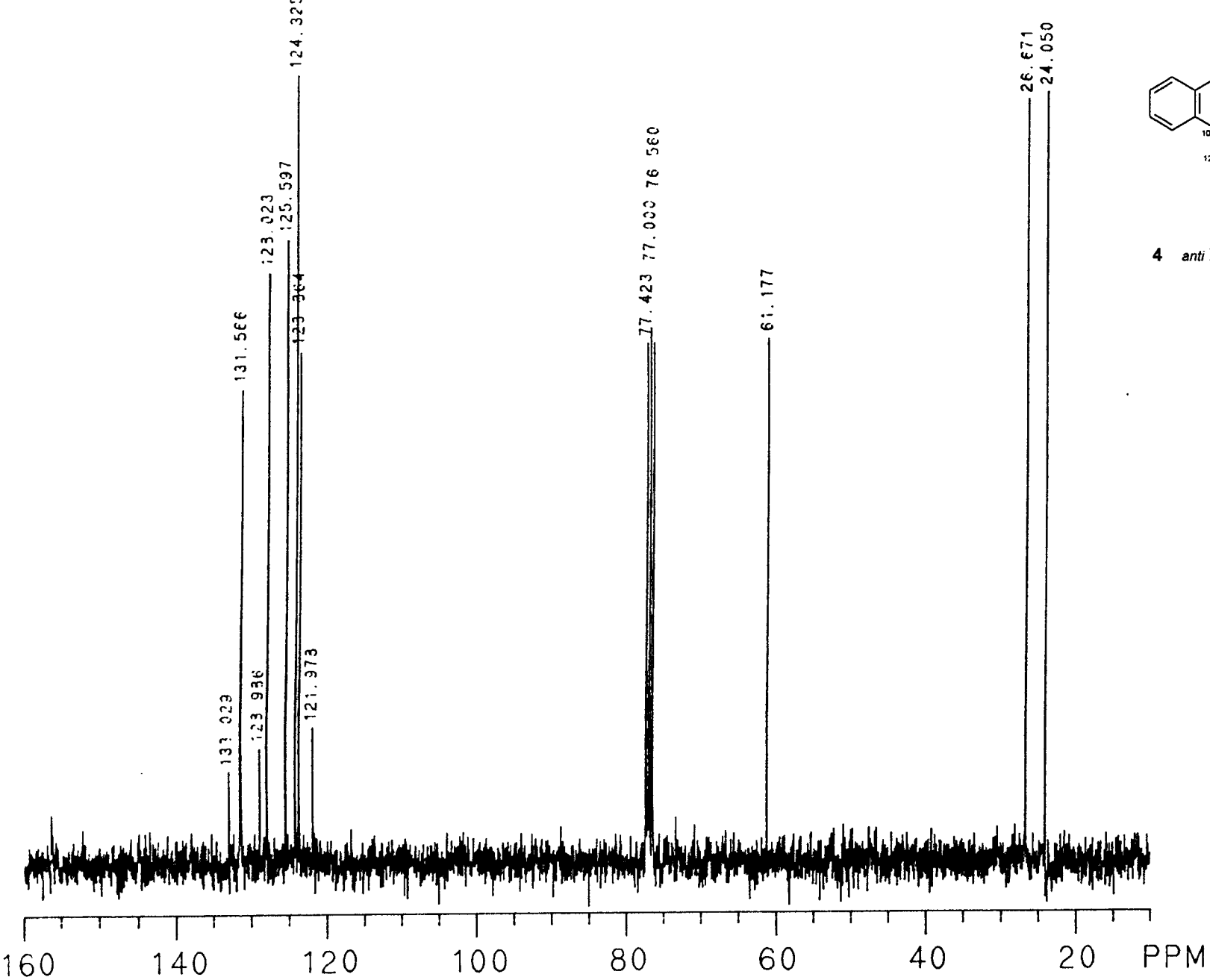

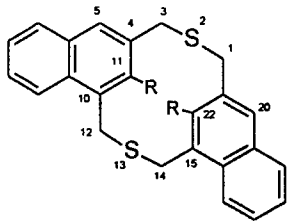

4 *anti* R = OCH_3

POOR QUALITY ORIGINAL

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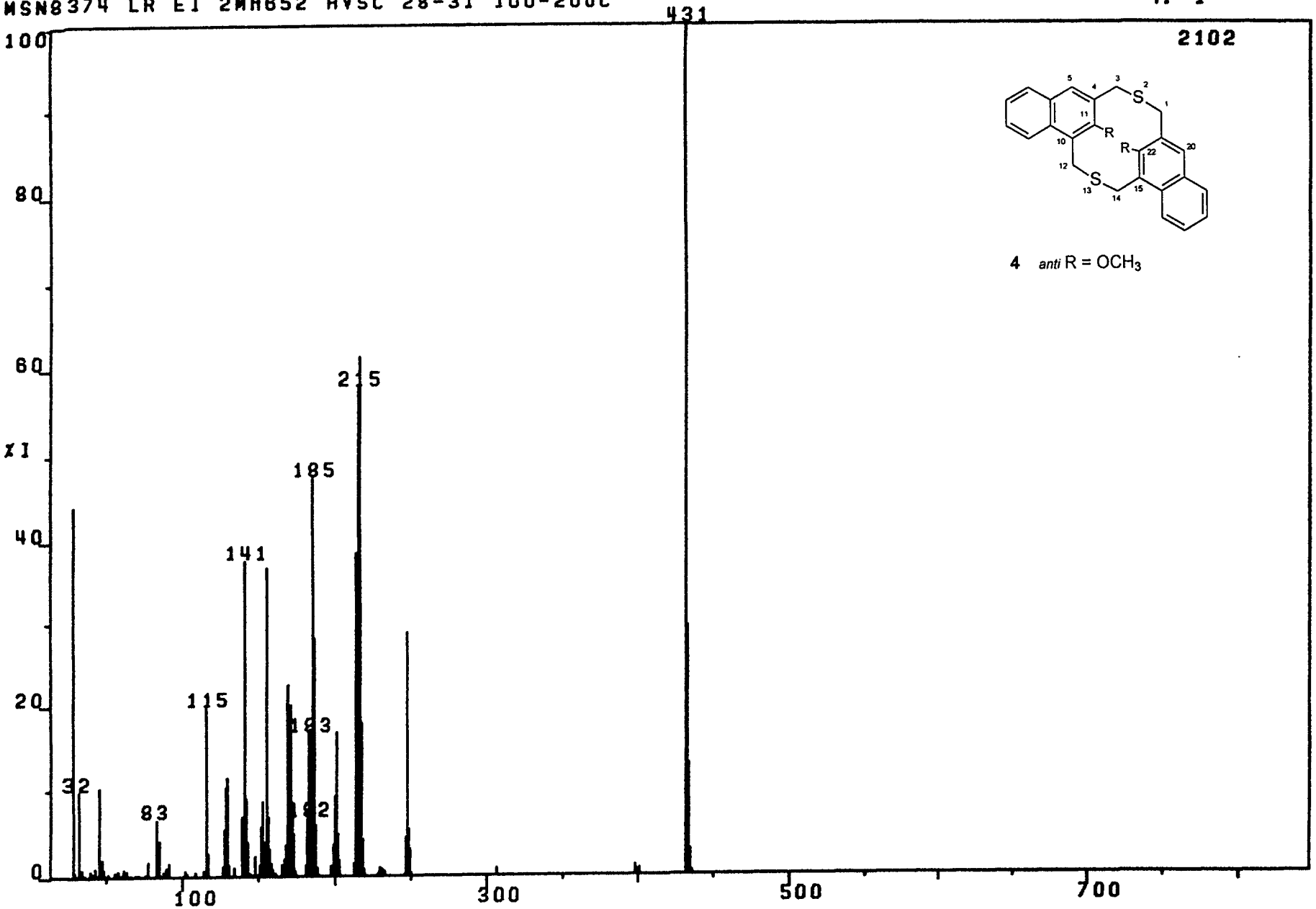
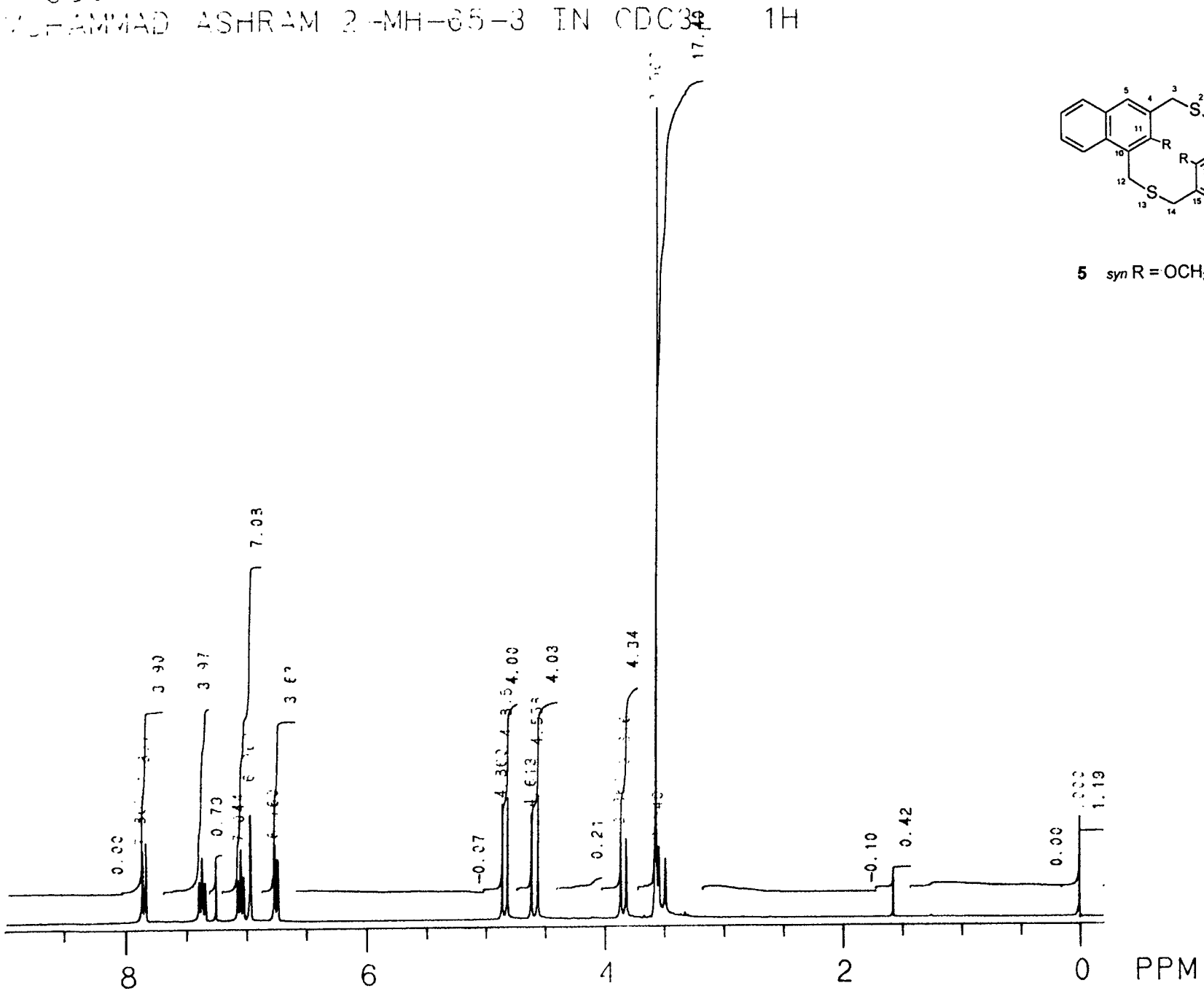
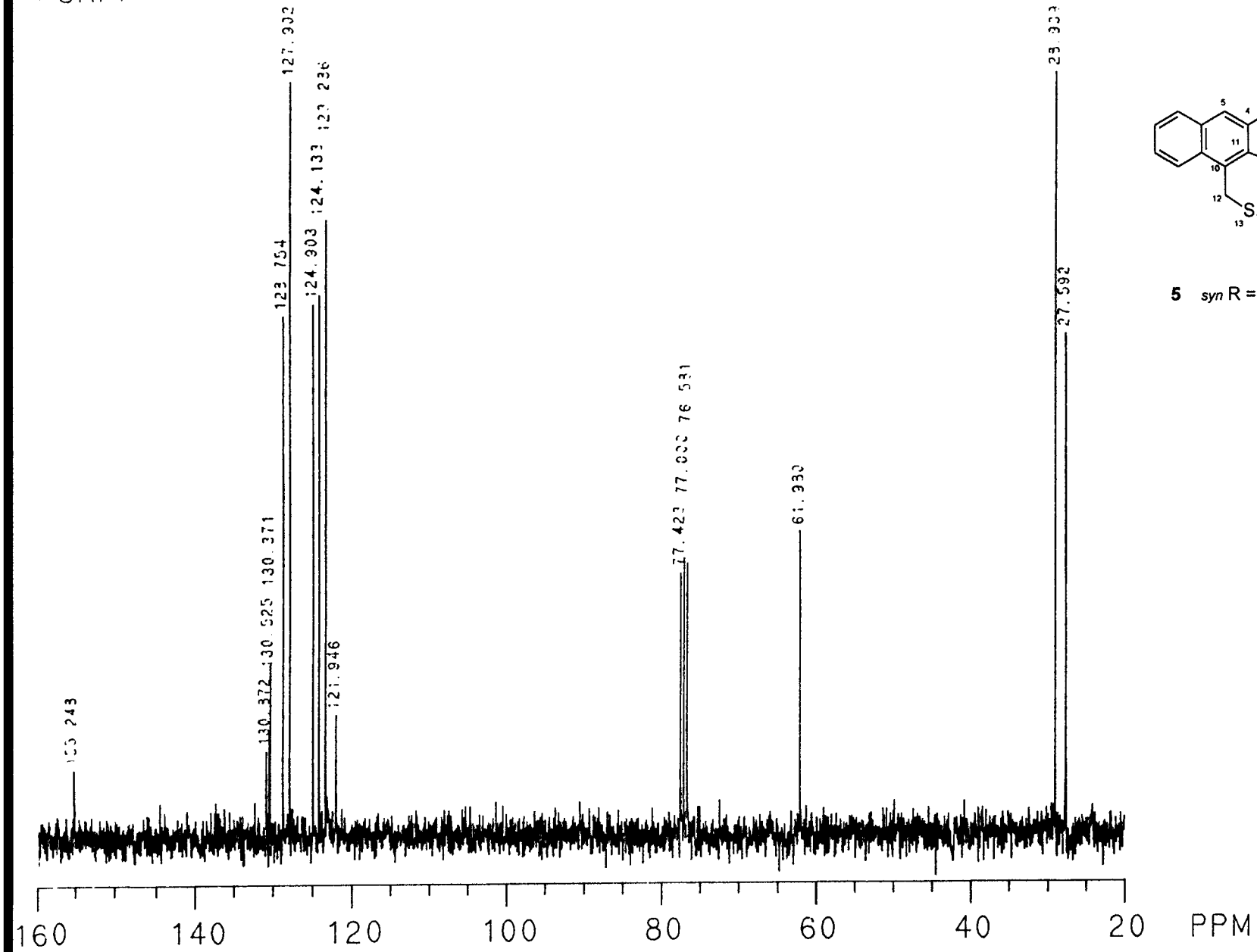
4: 1

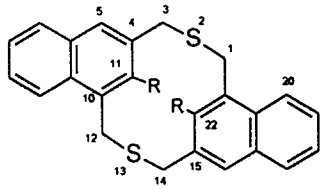




POOR QUALITY ORIGINAL

MOHAMMAD ASHRAM 2-MH-65-3 IN CDCL3 13C





5 *syn* R = OCH_3

POOR QUALITY ORIGINAL

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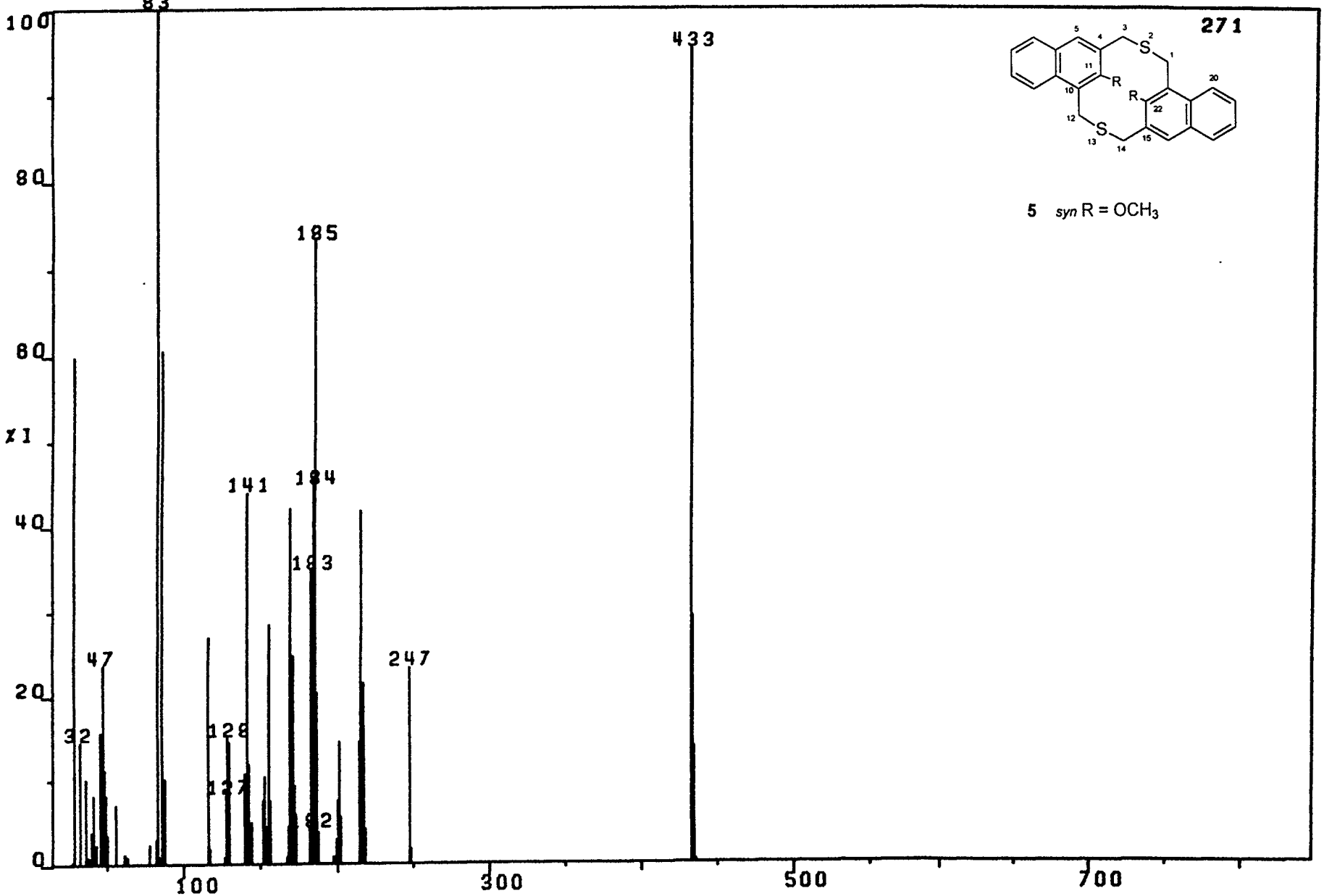

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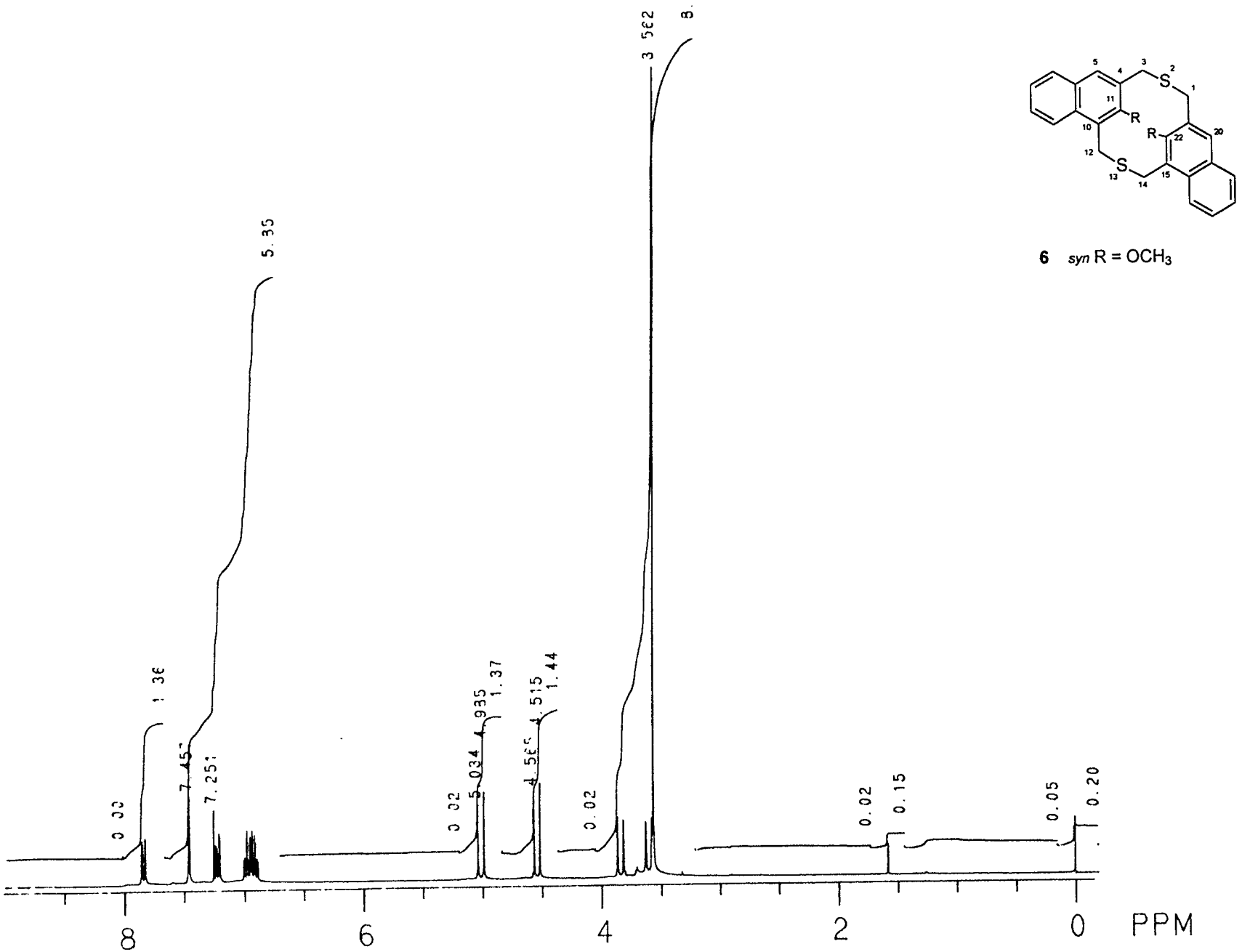
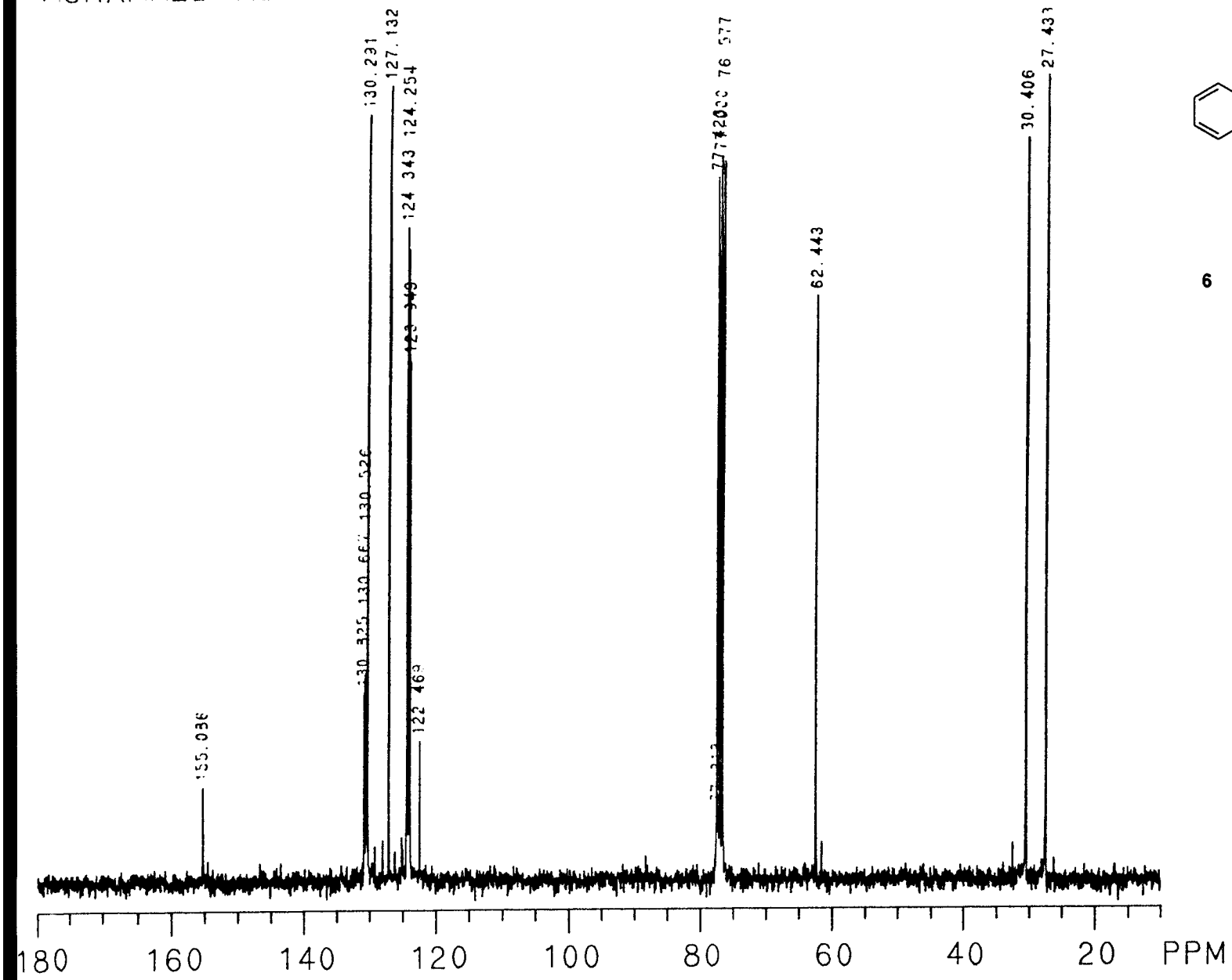
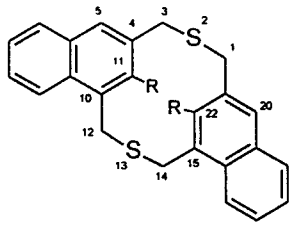


6 *syn* R = OCH_3

POOR QUALITY ORIGINAL

351A. 000 DMILLER 12SEP95
MUHAMMED ASHRAM 2-MH-65-4 IN CDCL3 13C





6 *syn* R = OCH_3

POOR QUALITY ORIGINAL

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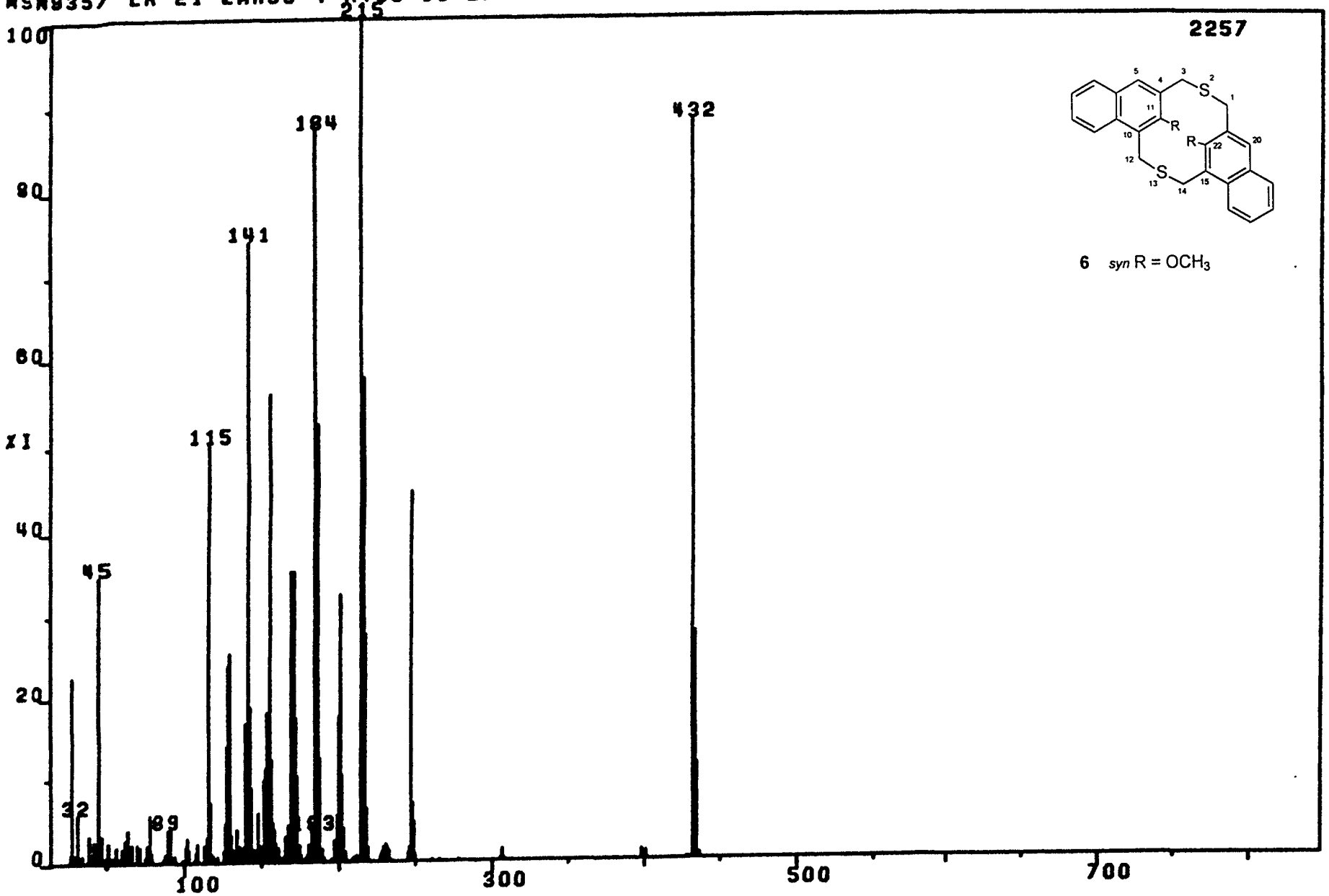
2:21

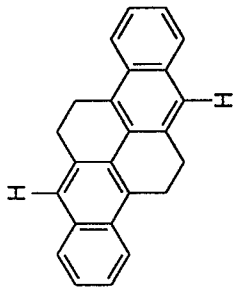
2257



6 *syn* R = OCH_3

- Mutu

POOR QUALITY ORIGINAL



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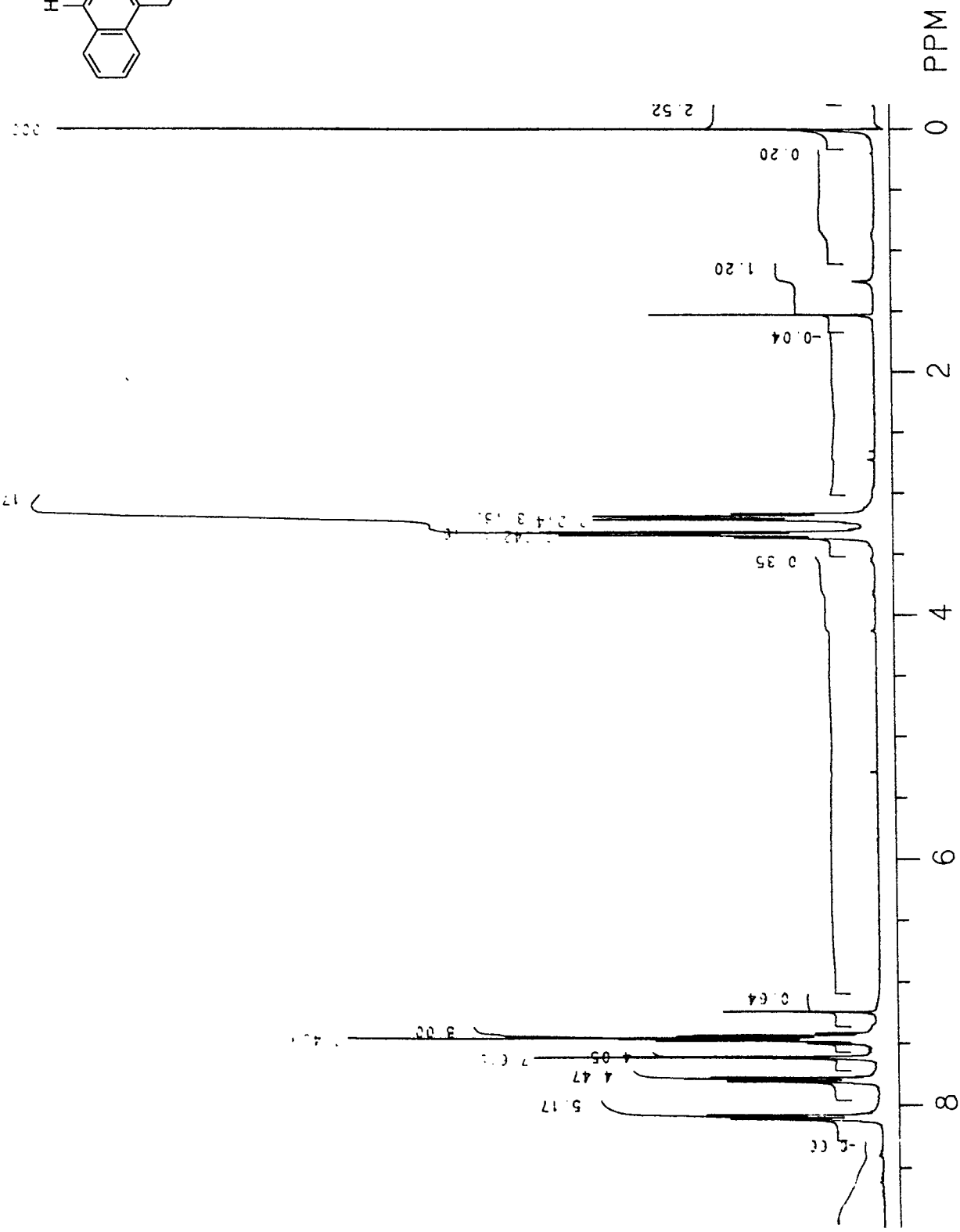
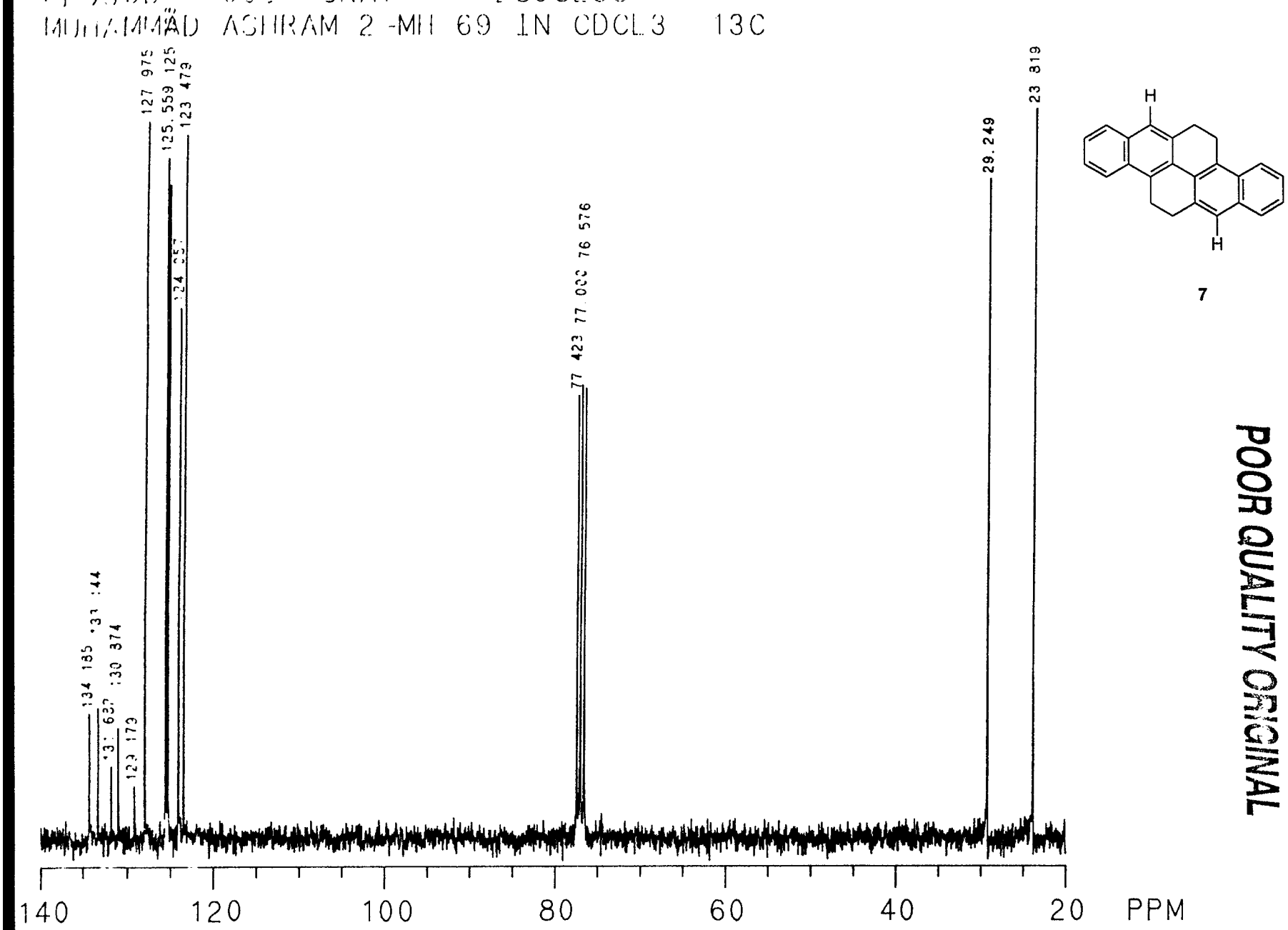
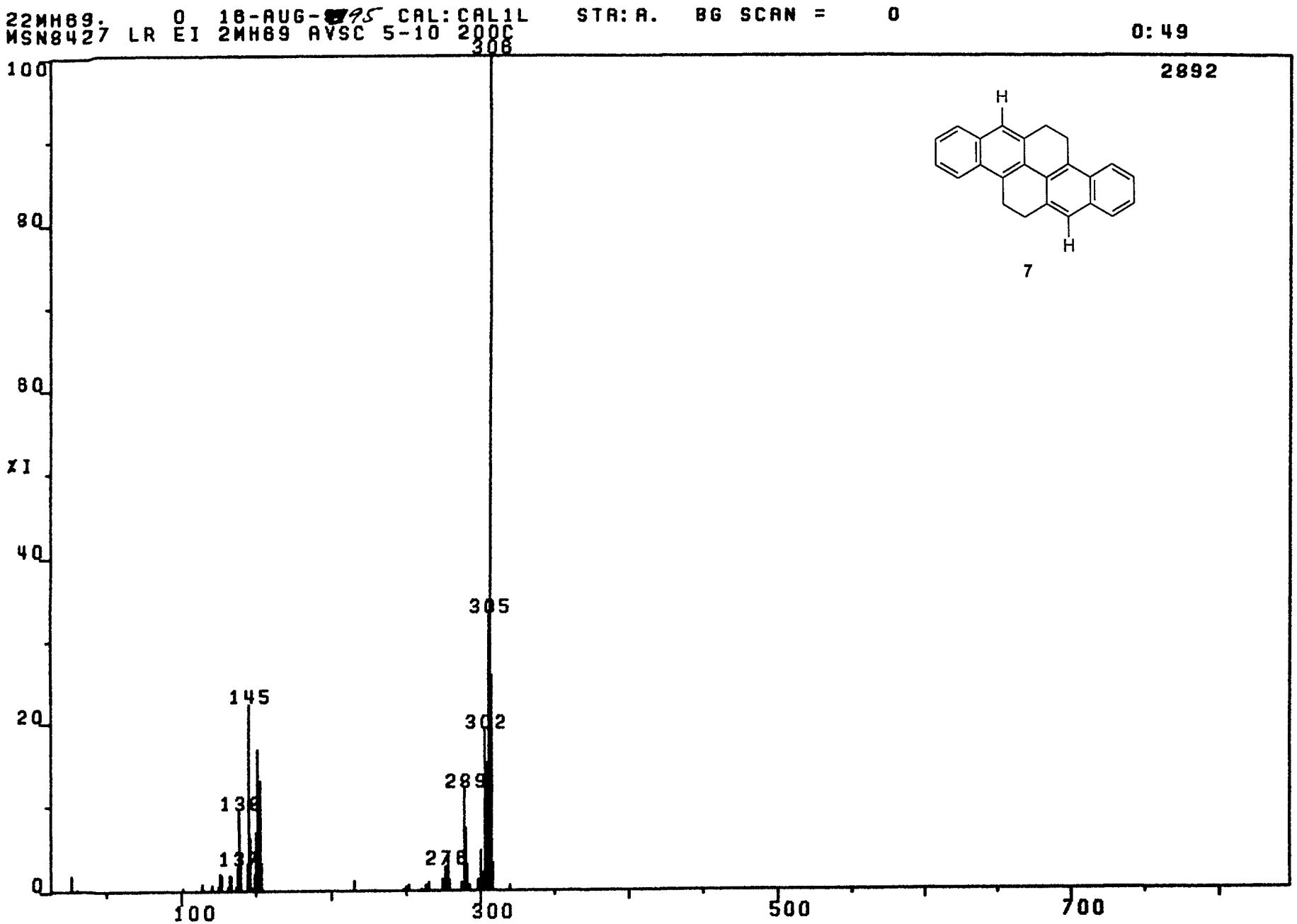




POOR QUALITY ORIGINAL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305
302
289
276
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138
131
%I
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20
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H
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7

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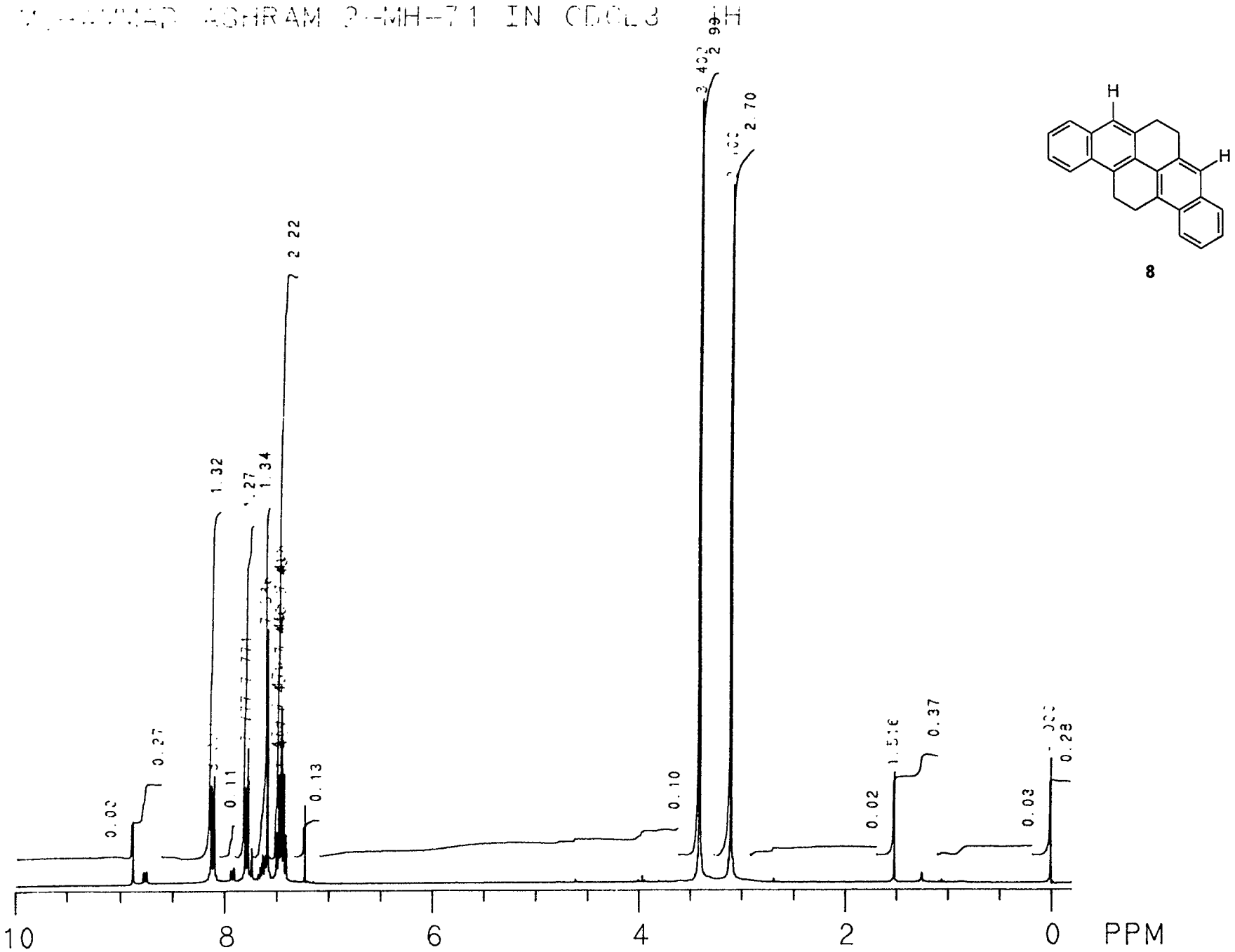

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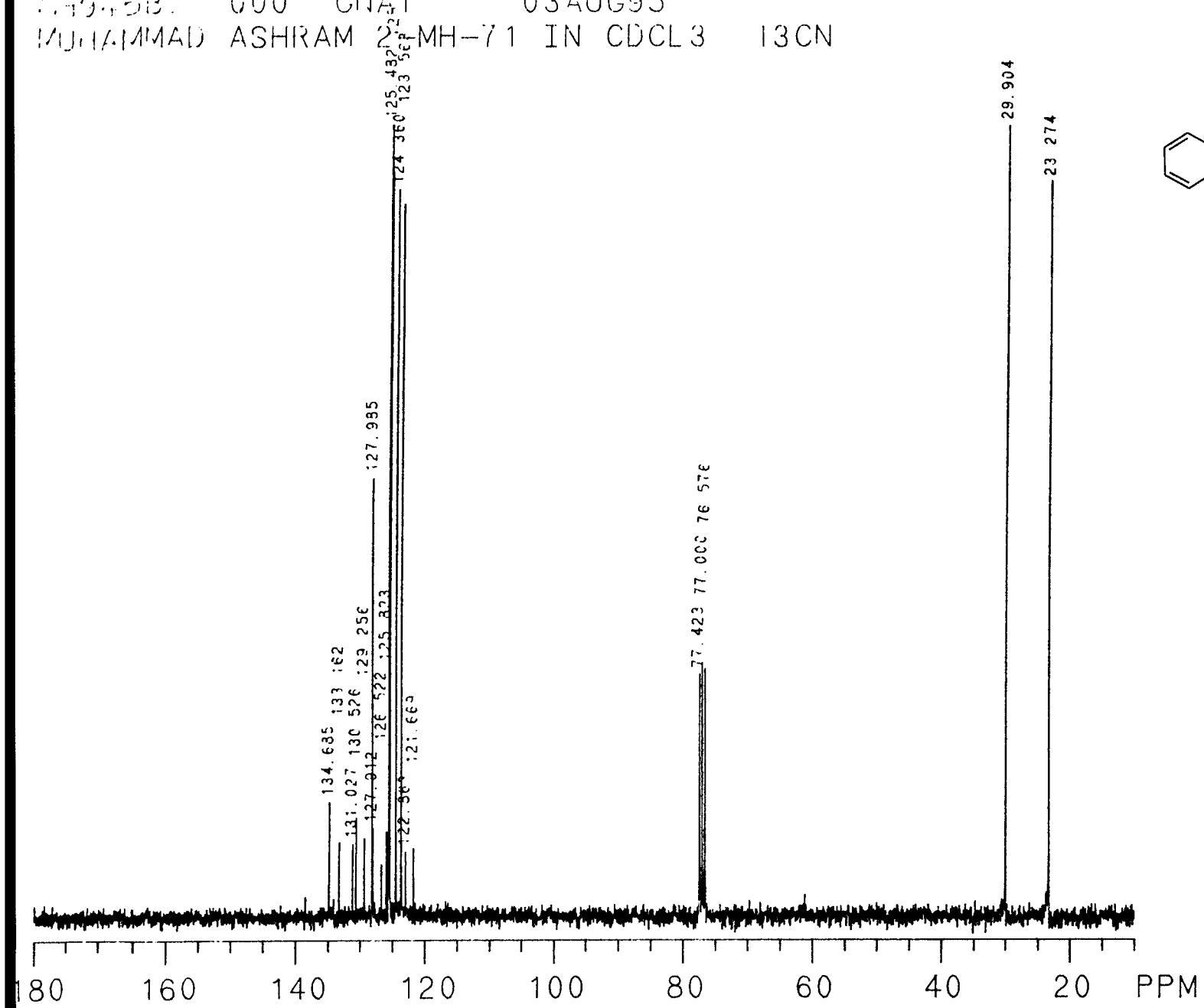

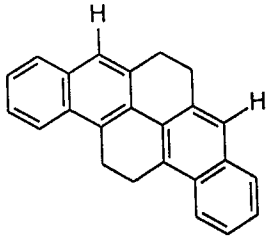

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POOR QUALITY ORIGINAL

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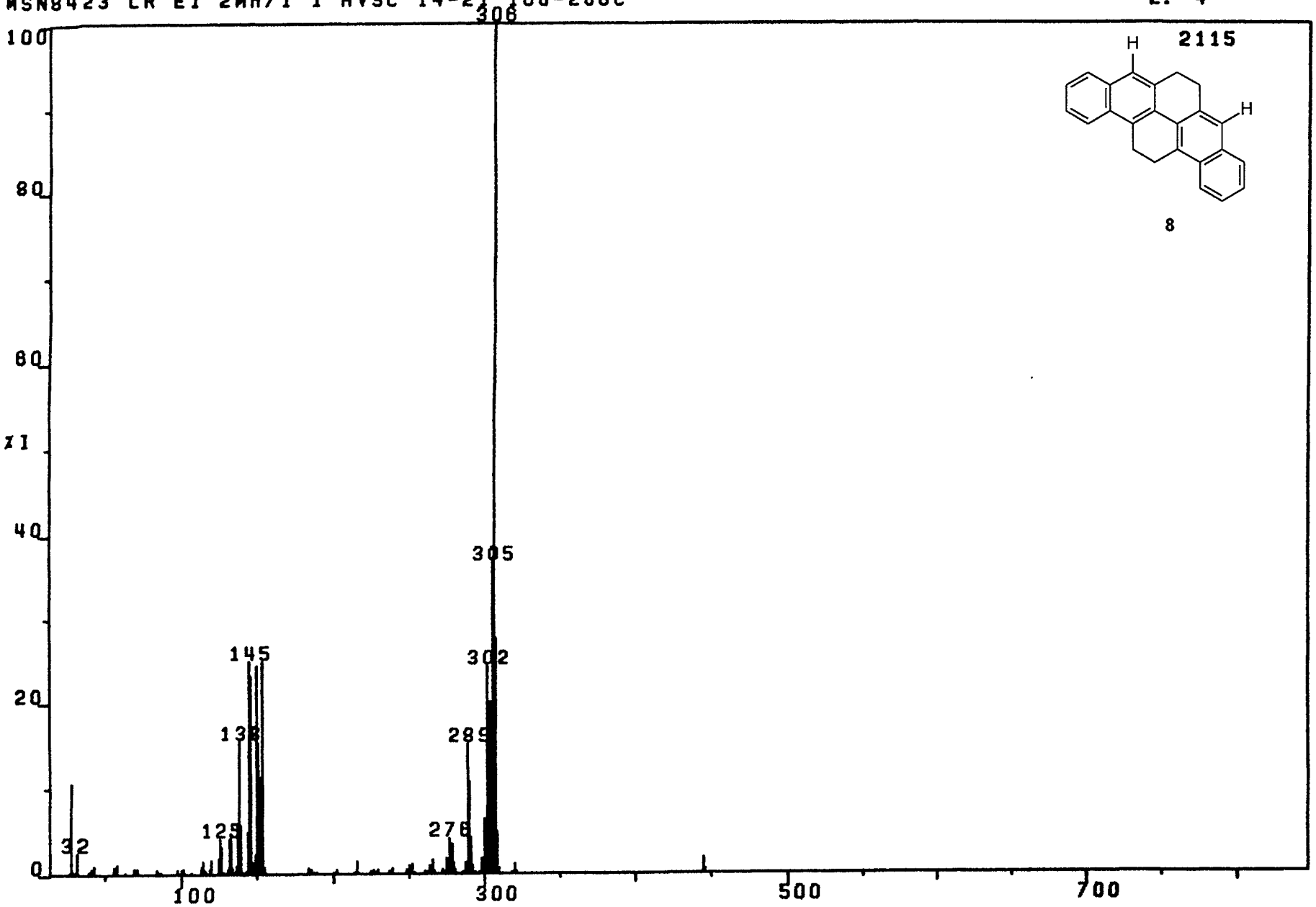
2: 4



2115

8

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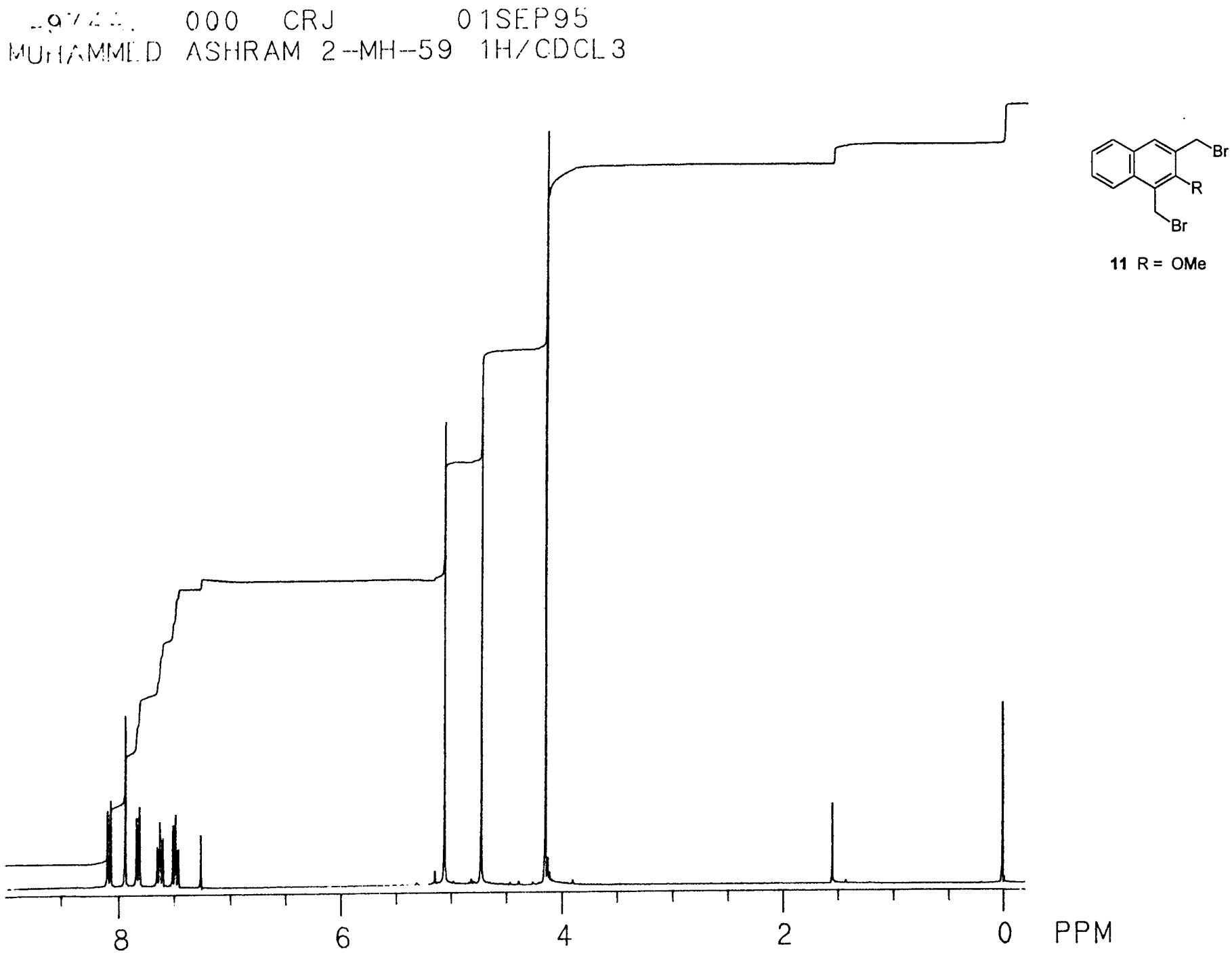
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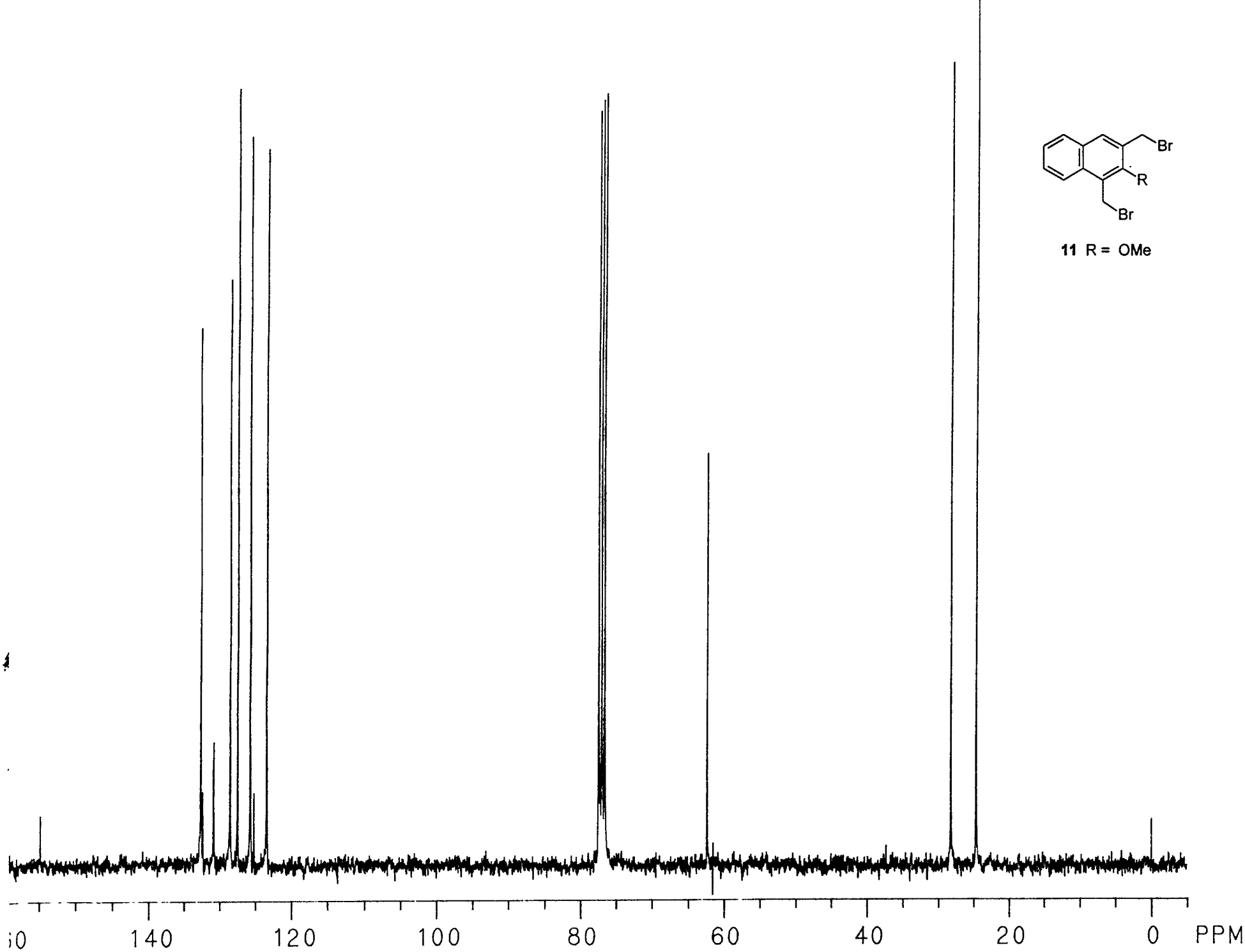
8
6
4
2
0
PPM
Br
R
Br
11 R = OMe



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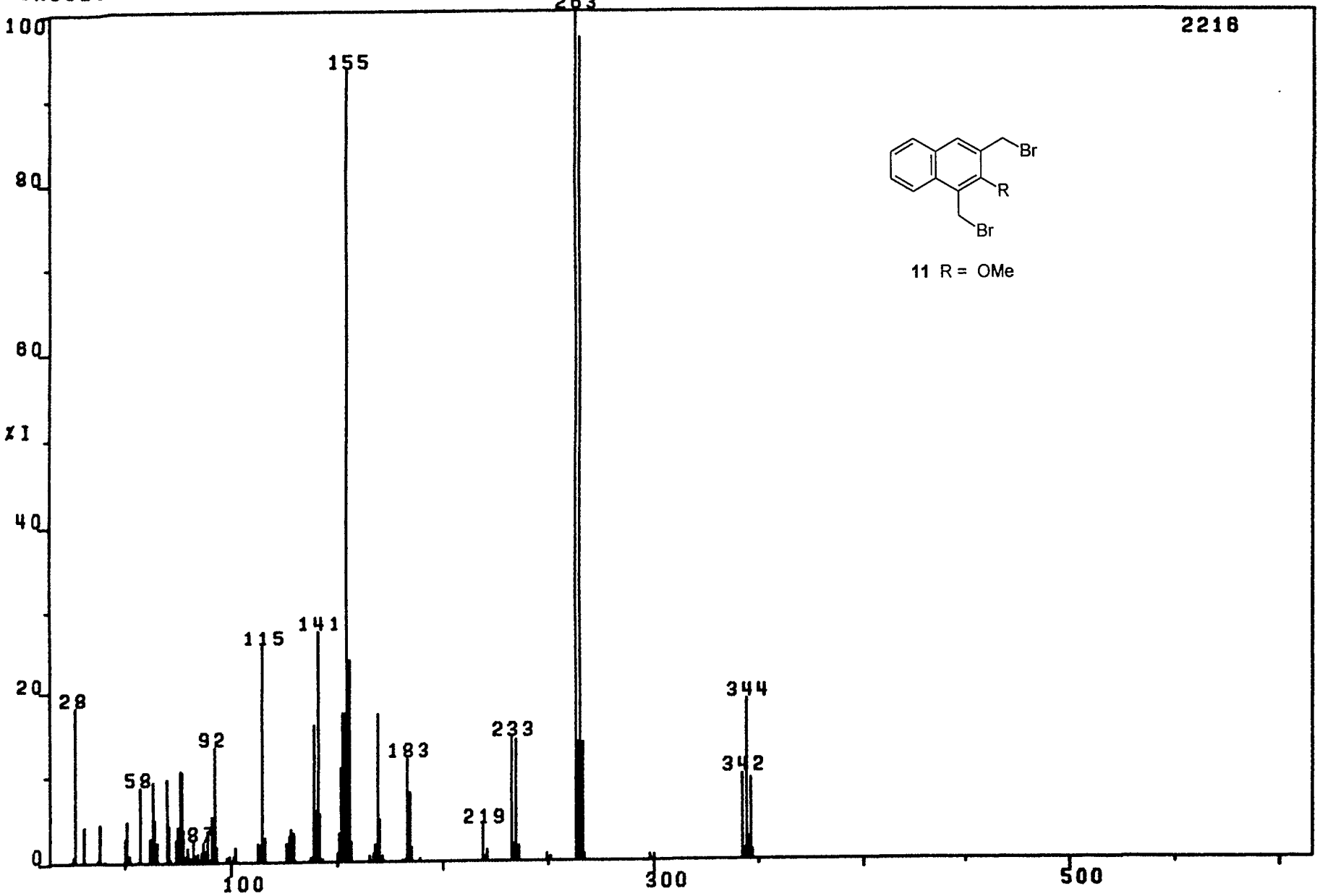
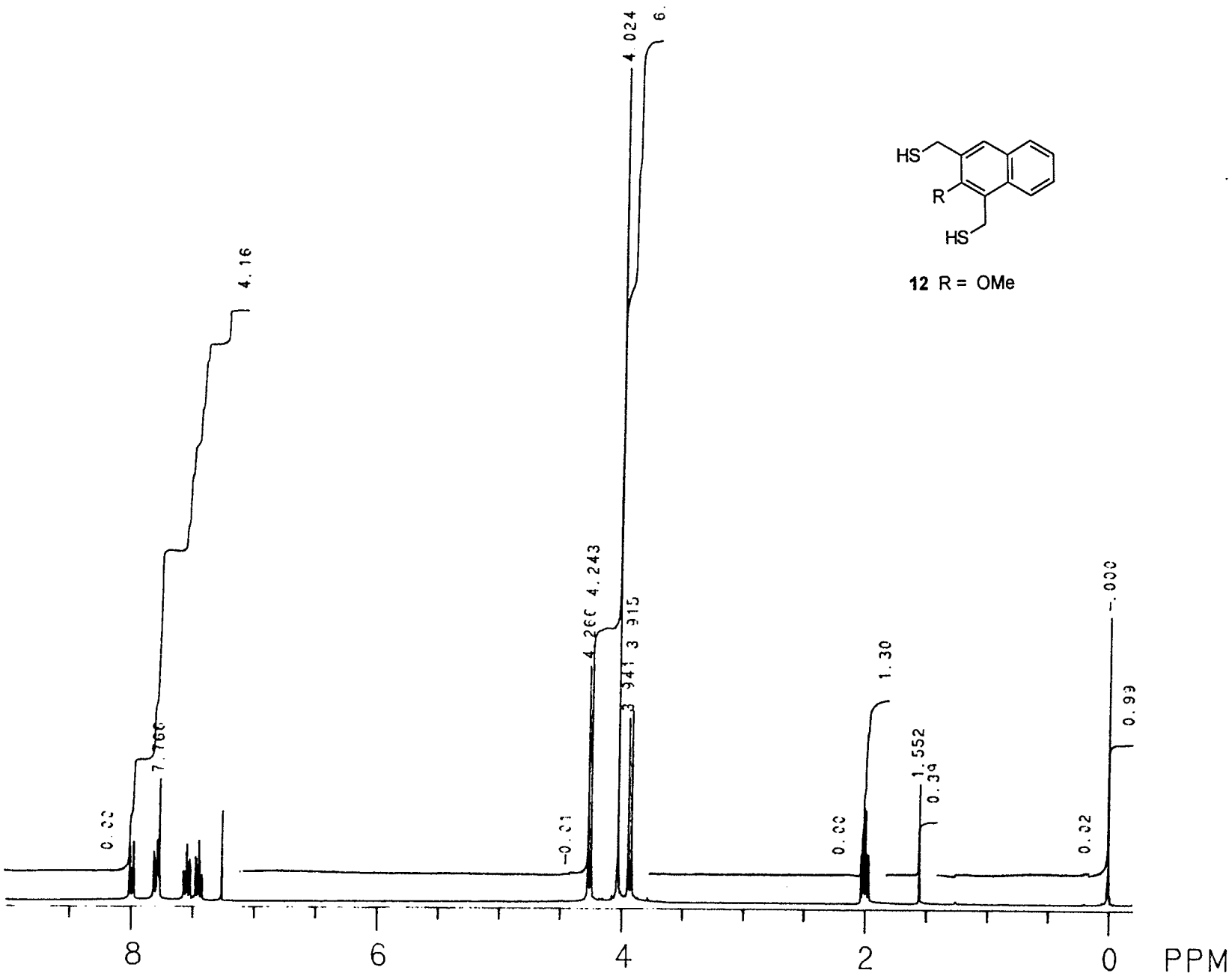
32MH59. 0 14-JUL-95 CAL:CAL3L STA:A. BG SCAN = 0
MSN8321 LR EI 2MH59 AVSC 17-28 150-250C 2:29



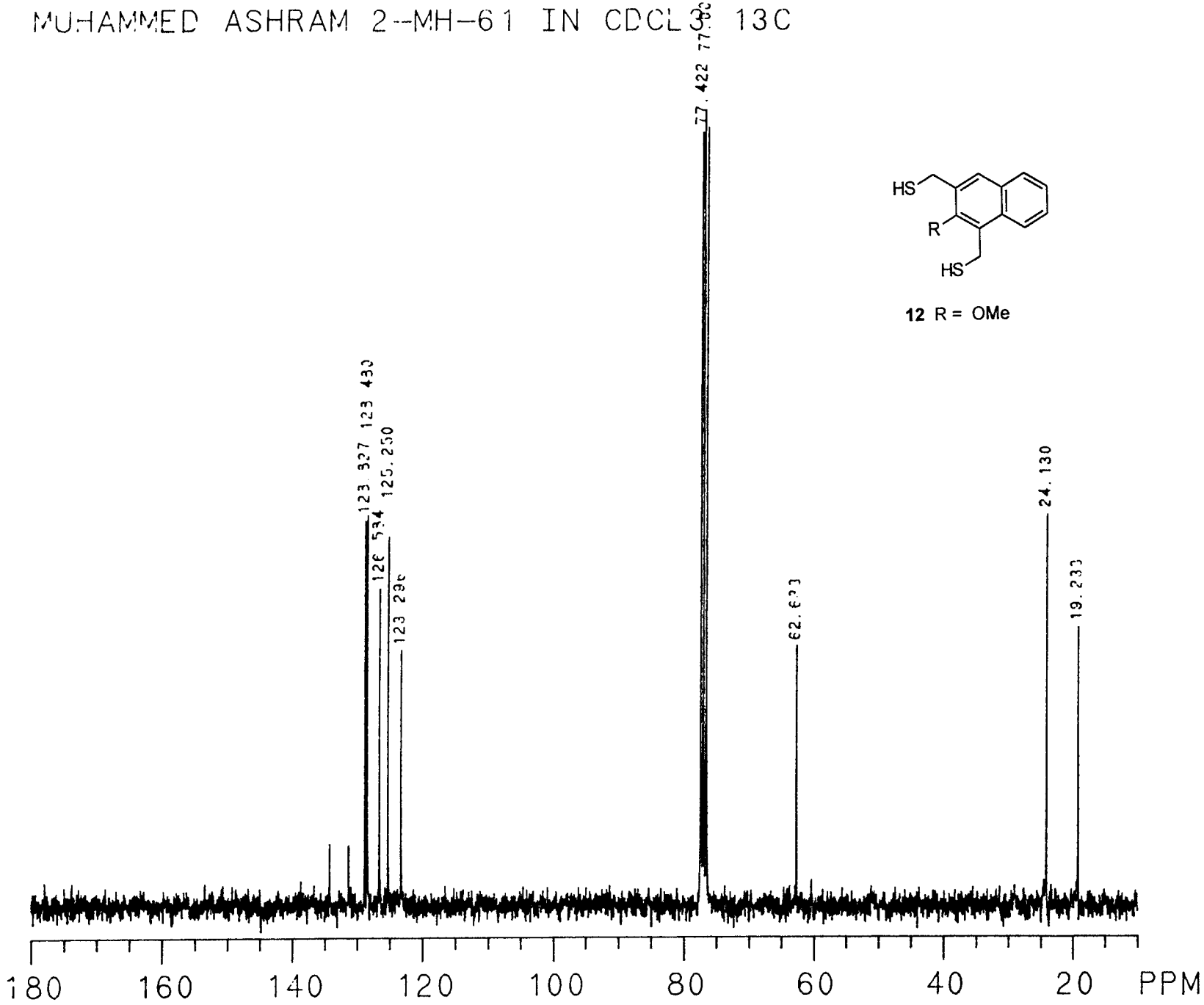
MH044A. 000 DAVIDM 10NOV95
MUHAMMED ASHRAM 2-MH-61 IN CDCL3 1H



12 R = OMe

POOR QUALITY ORIGINAL

MH044B. 000 DAVIDM 10NOV95
MUHAMMED ASHRAM 2--MH-61 IN CDCL3 13C



POOR QUALITY ORIGINAL

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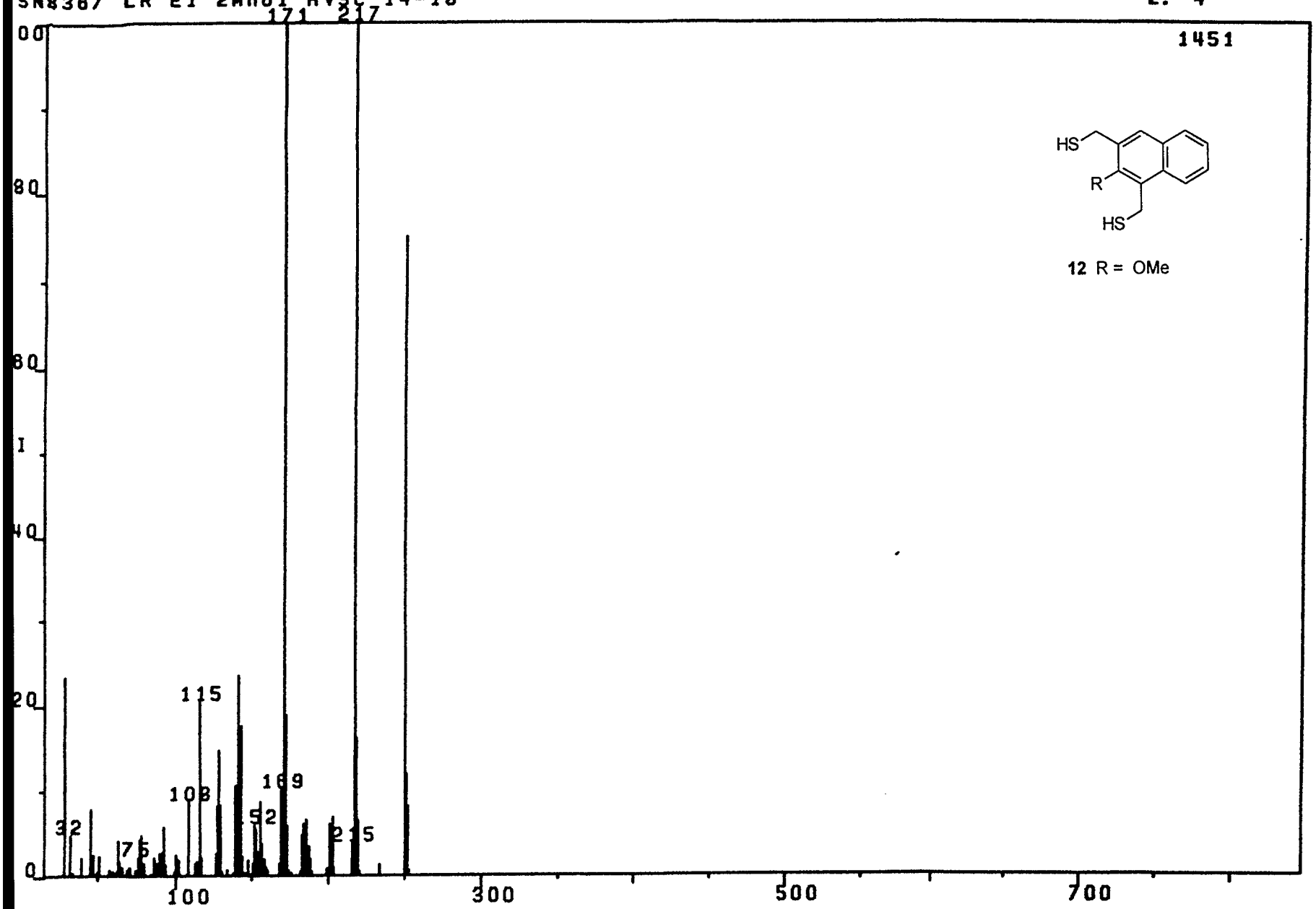
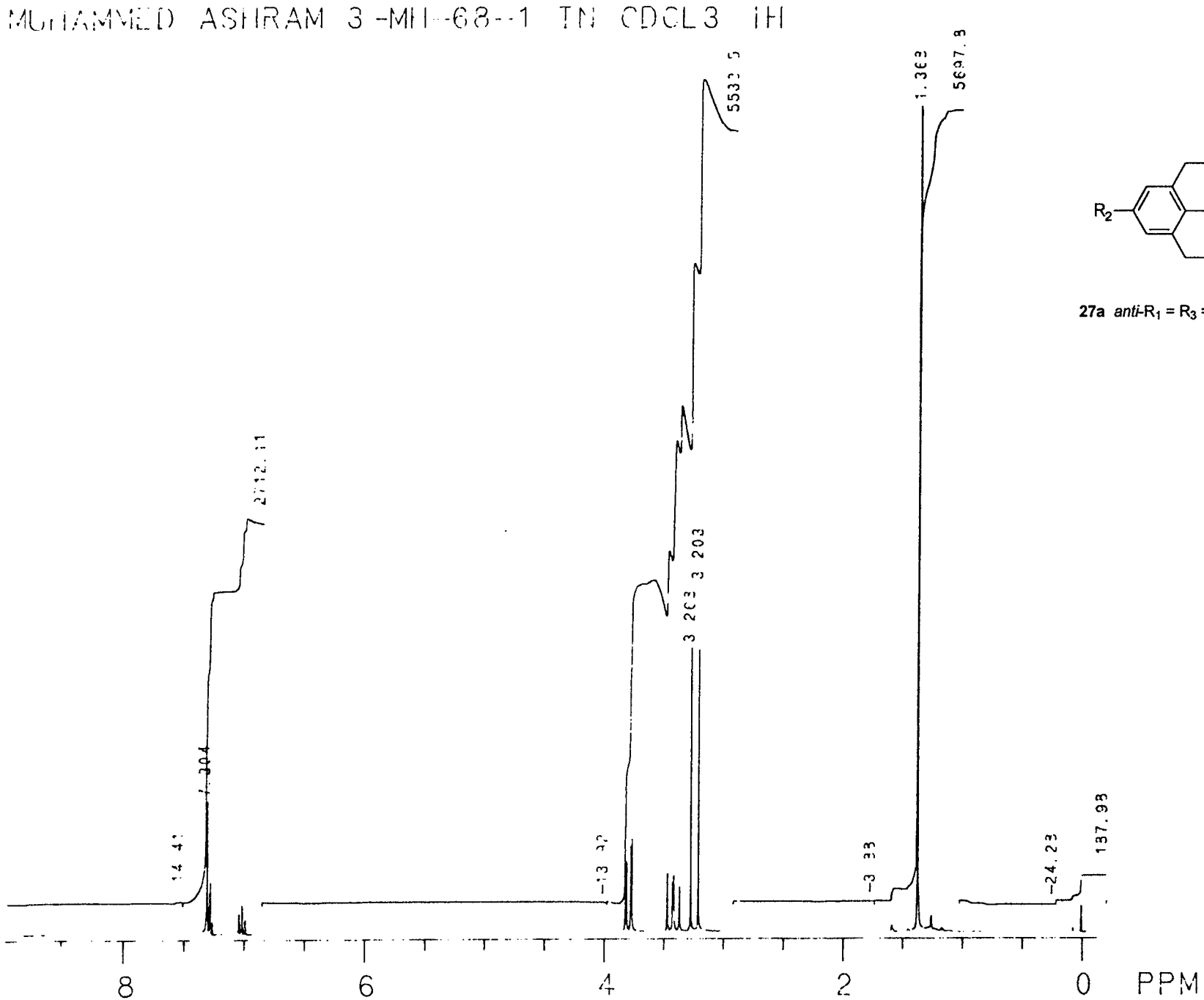
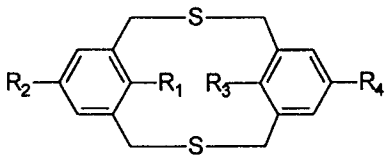
2MH61. 0 27-JUL-[redacted]95 CAL:CAL3L STA:A. BG SCAN = 2
SN8387 LR EI 2MH61 AVSC 14-18 2: 4



12 R = OMe

Mukam

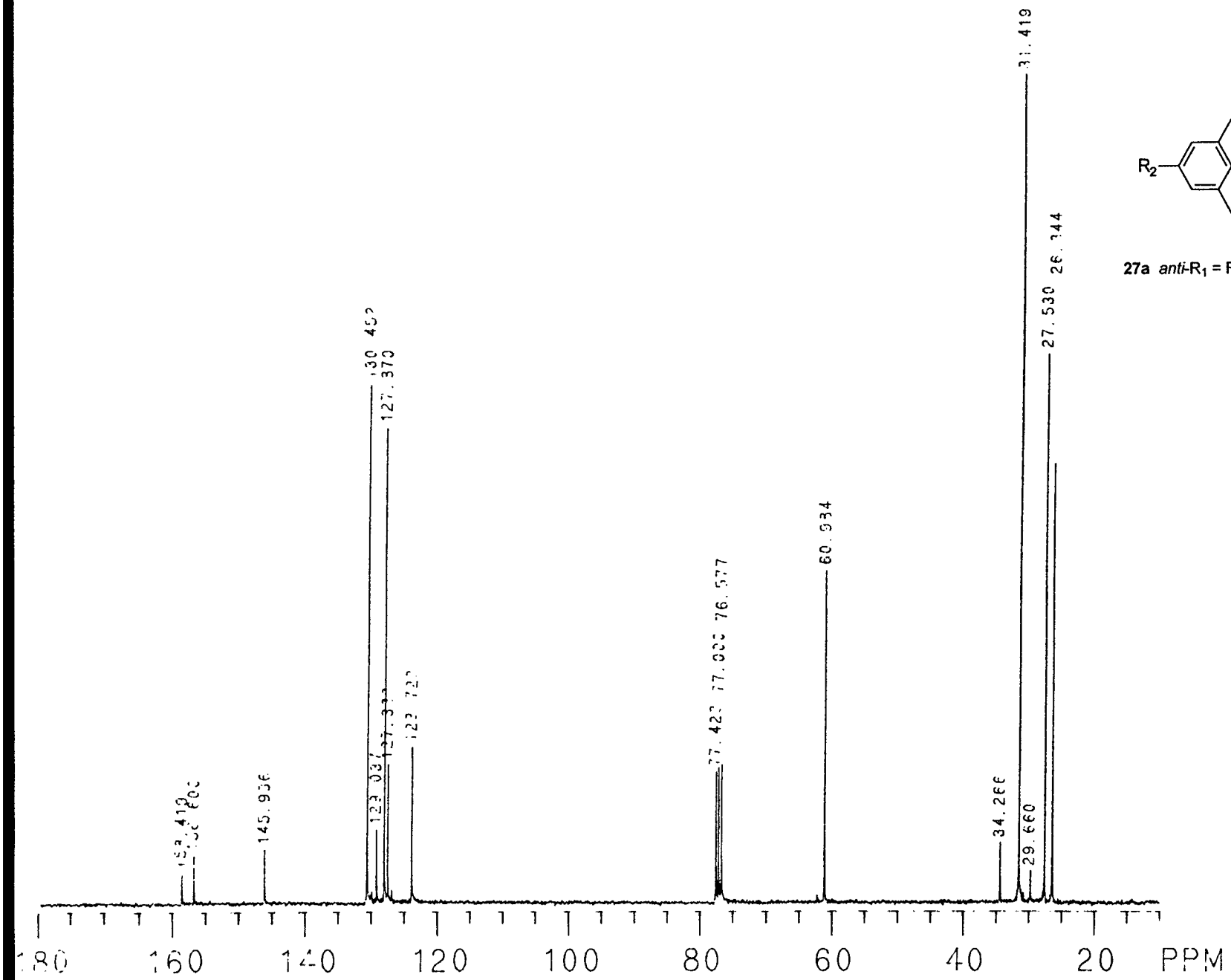


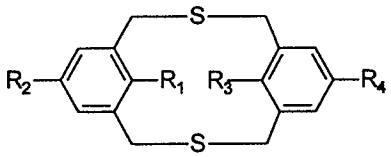


27a *anti*-$R_1 = R_3 = OCH_3$; $R_2 = H$; $R_4 =$ *tert*-Bu

POOR QUALITY ORIGINAL

MH225A. 000 DAVIDM 09MAY95
MUHAMMED ASHRAM 3-MH-68-1 IN CDCL3 13C





27a *anti*-$R_1 = R_3 = OCH_3$; $R_2 = H$; $R_4 =$ *tert*-Bu

POOR QUALITY ORIGINAL

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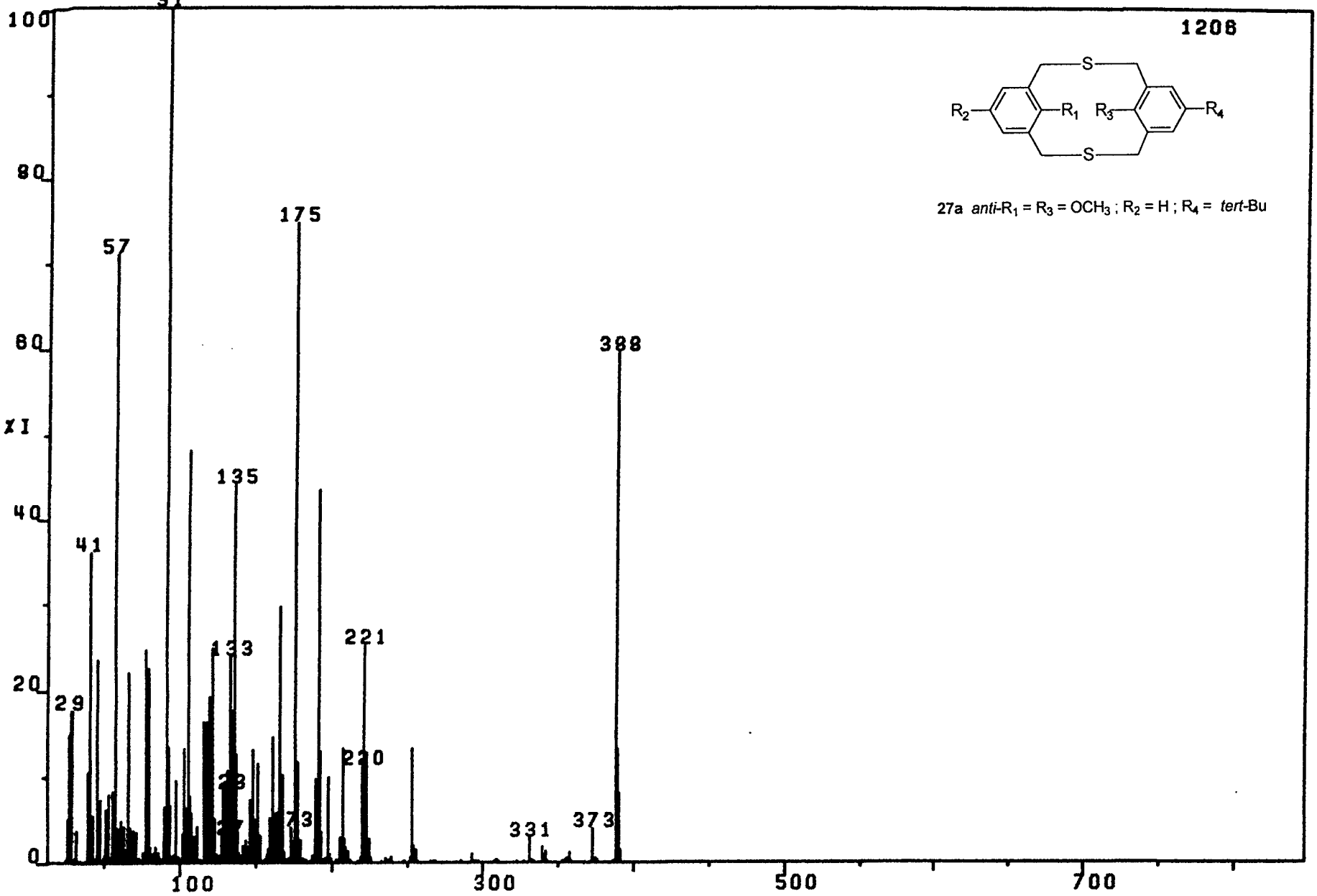
A3MH68. 0 05-MAY-96 CAL:CAL3L STA:A. BG SCAN = 4
MSN9137 LR EI 3MH68 1 AVSC 22-34 150-200C 3:24