

Electronic Supporting Information

A Novel, Efficient and Magnetically Retrievable Silica Based Organic-Inorganic Hybrid

Copper(II) Nanocatalyst: A Greener Platform For Aerobic N-alkylation of Amines

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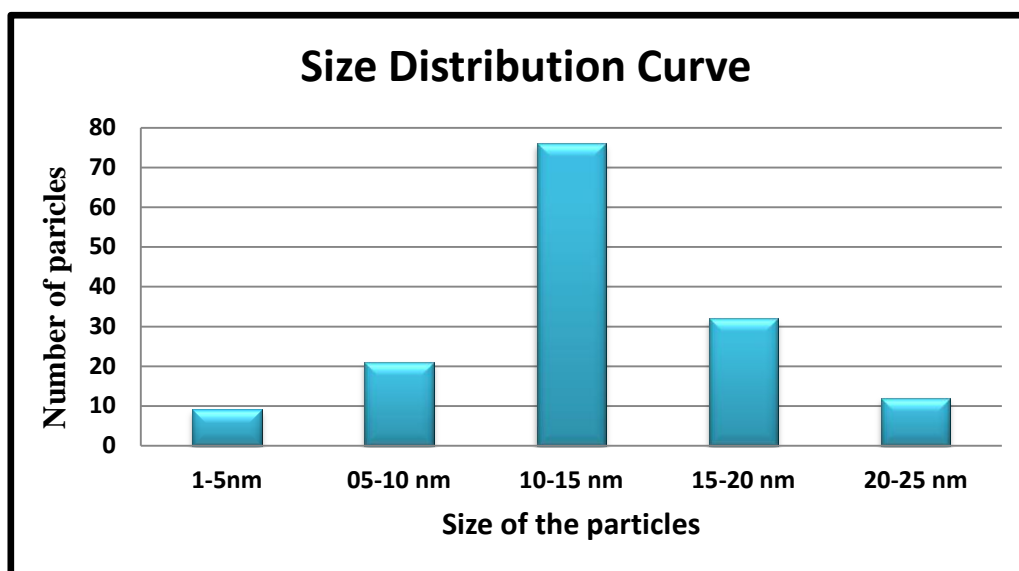
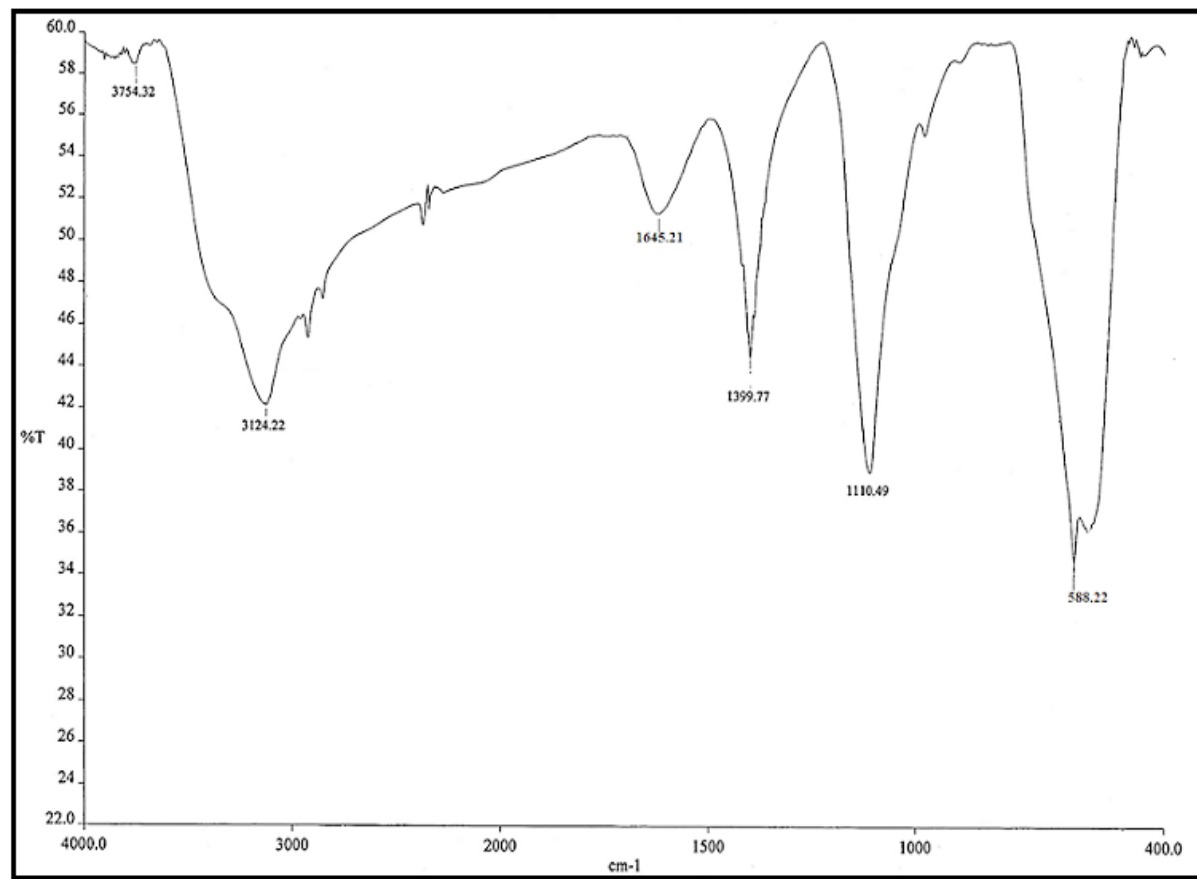
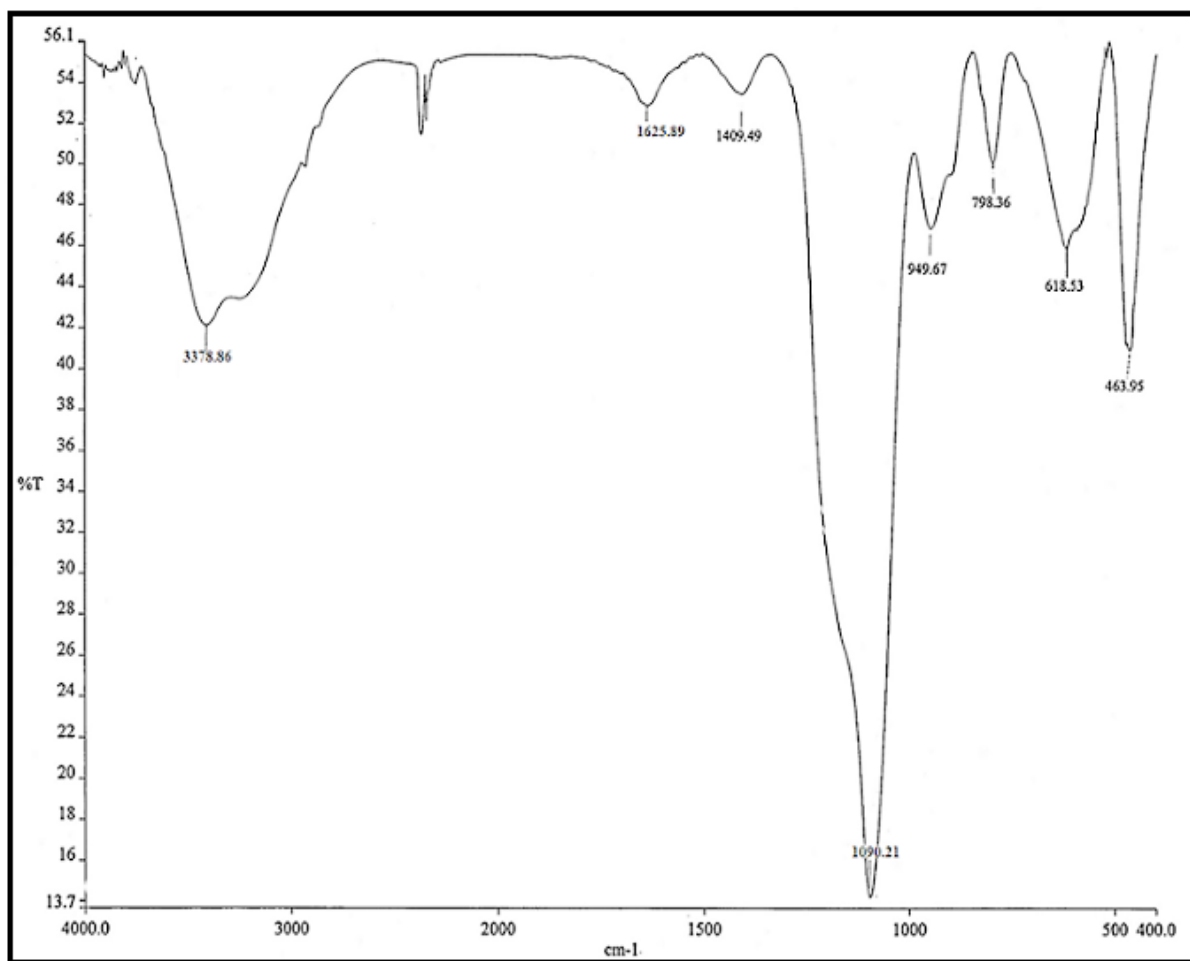


Figure S1. Size distribution of MNP particles

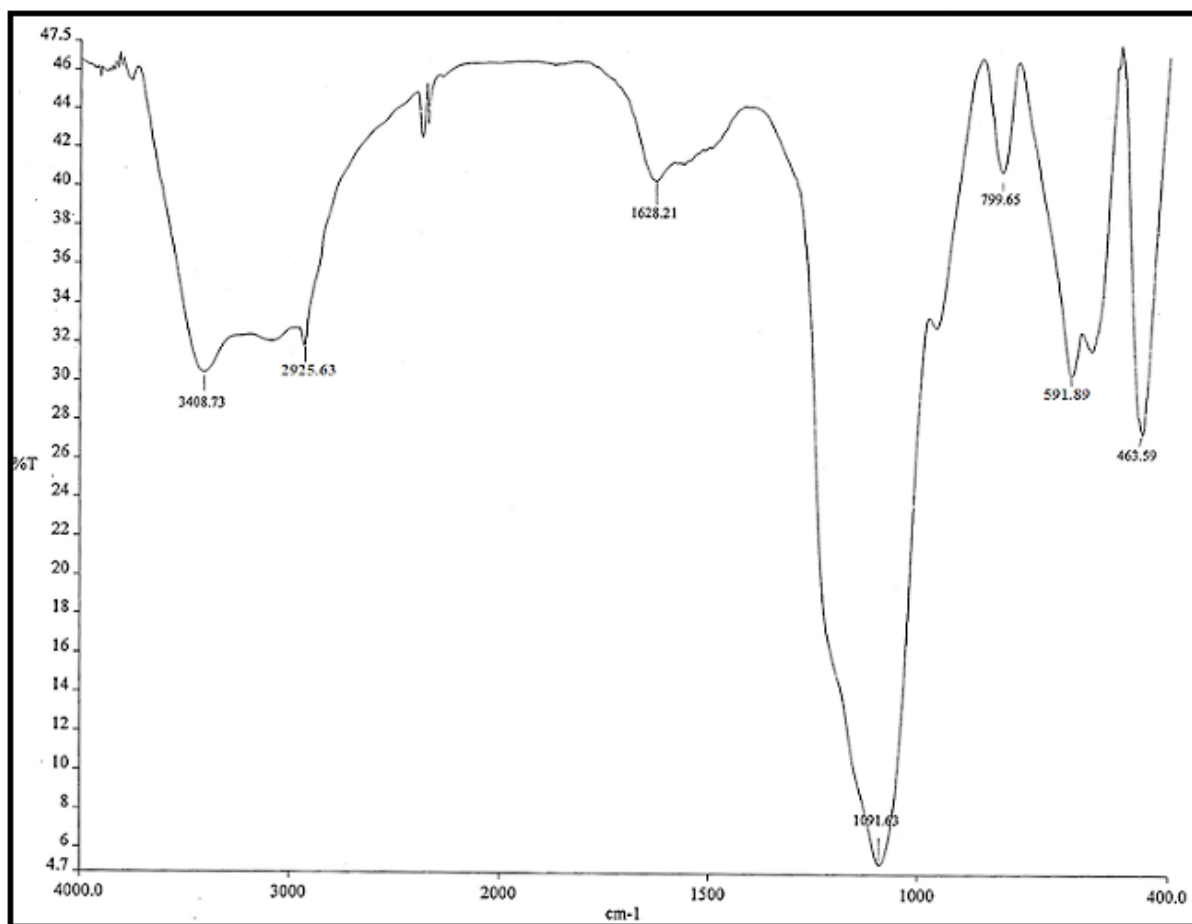
Figure S2 : **Individual FT-IR Spectra**



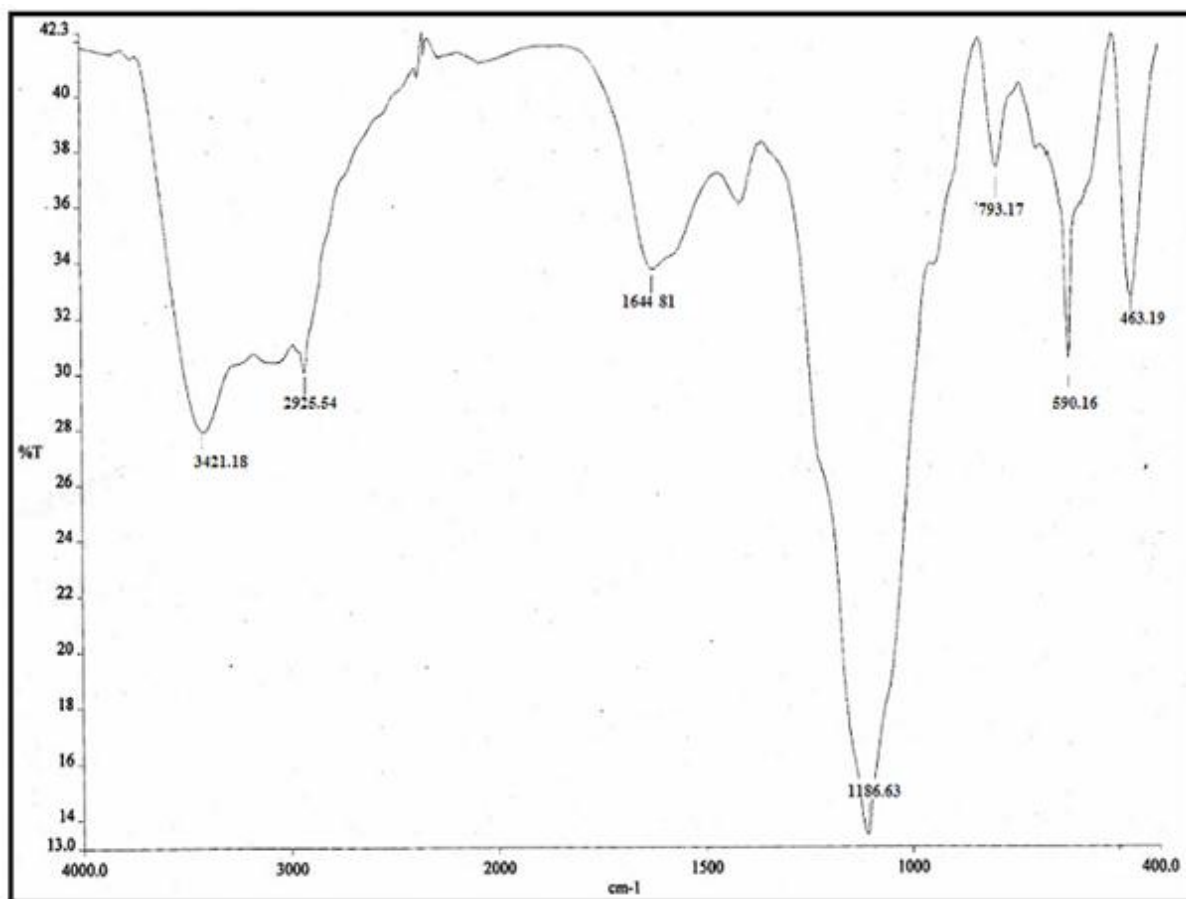
FT-IR spectra of MNPs



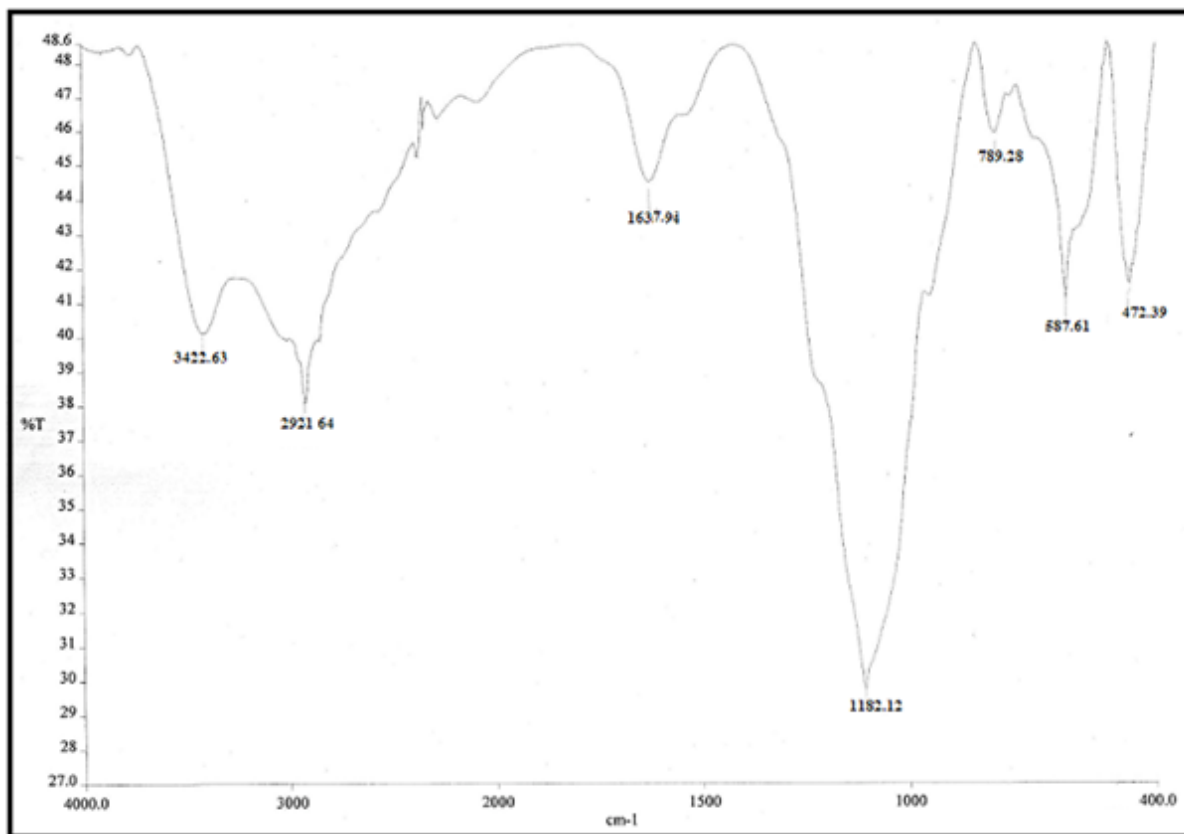
FT-IR spectra of SMPs



FT-IR spectra of ASMPs



FT-IR spectra of AcTp@ASMPs



FT-IR spectra of Cu-AcTp@ASMPs

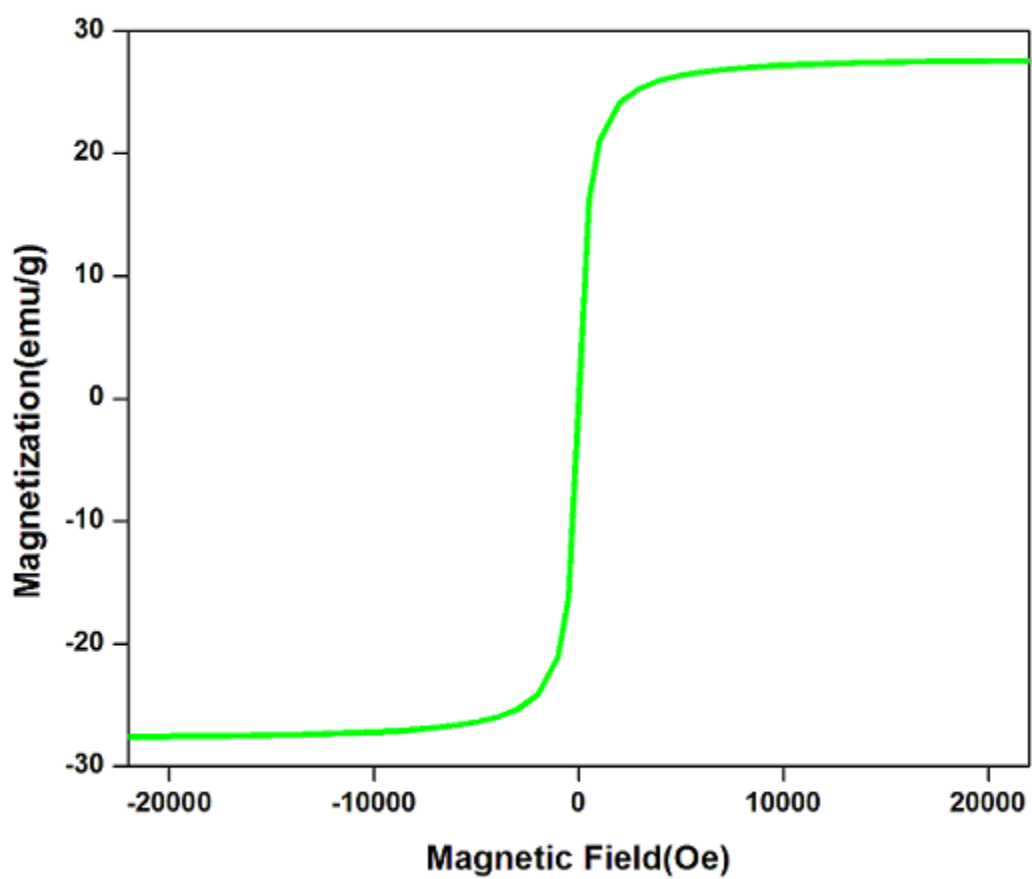


Figure S3 Magnetization curves of the recovered catalyst after 10th reaction cycle

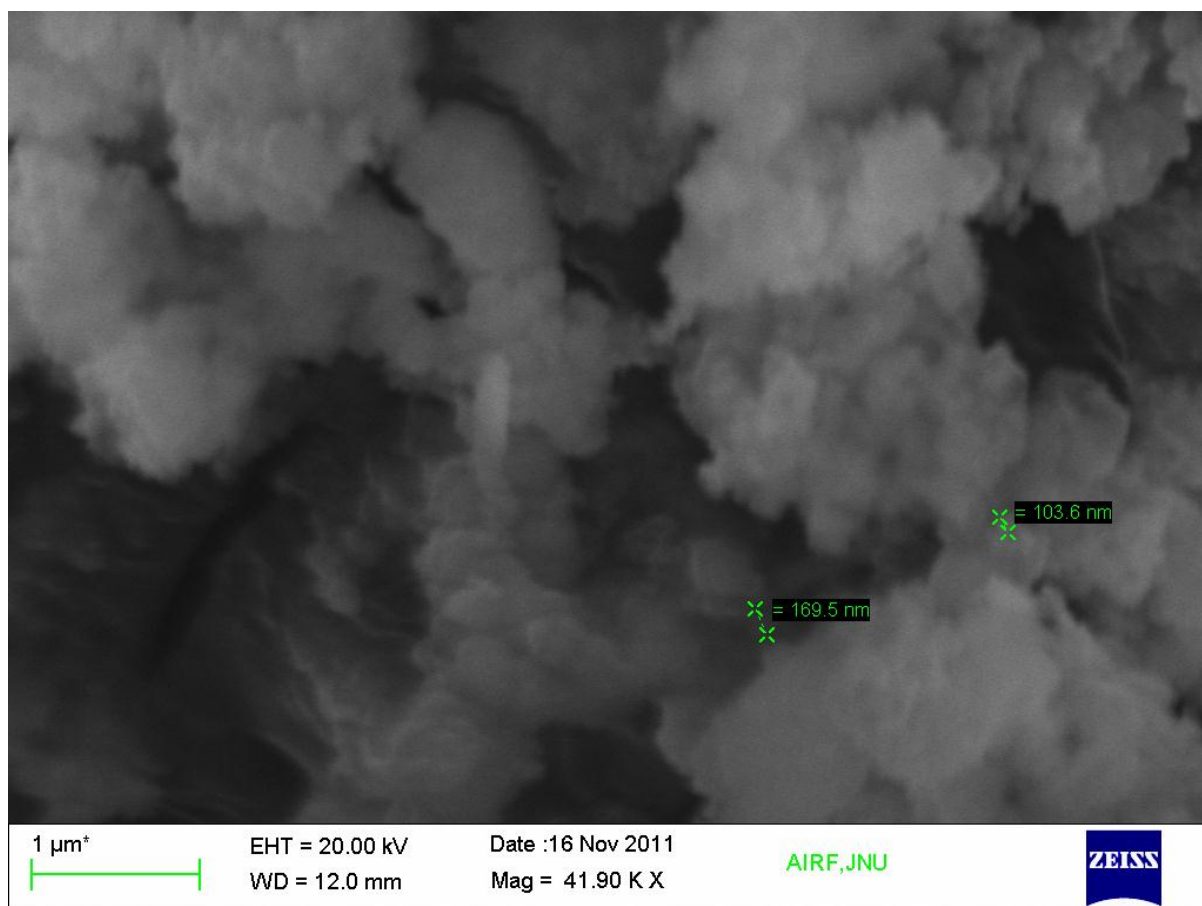
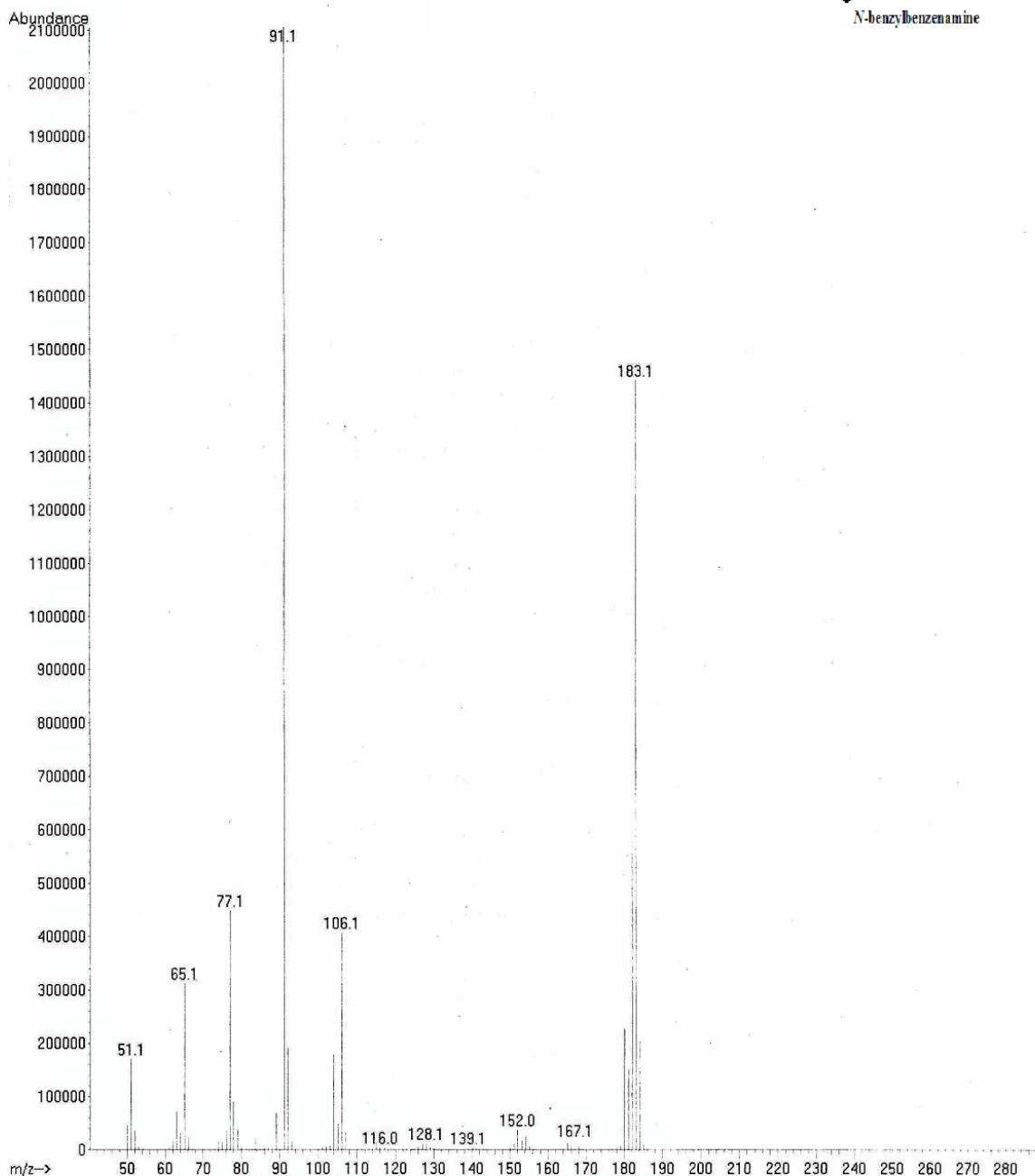
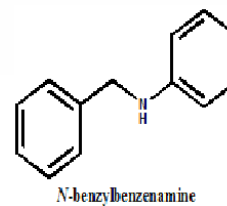


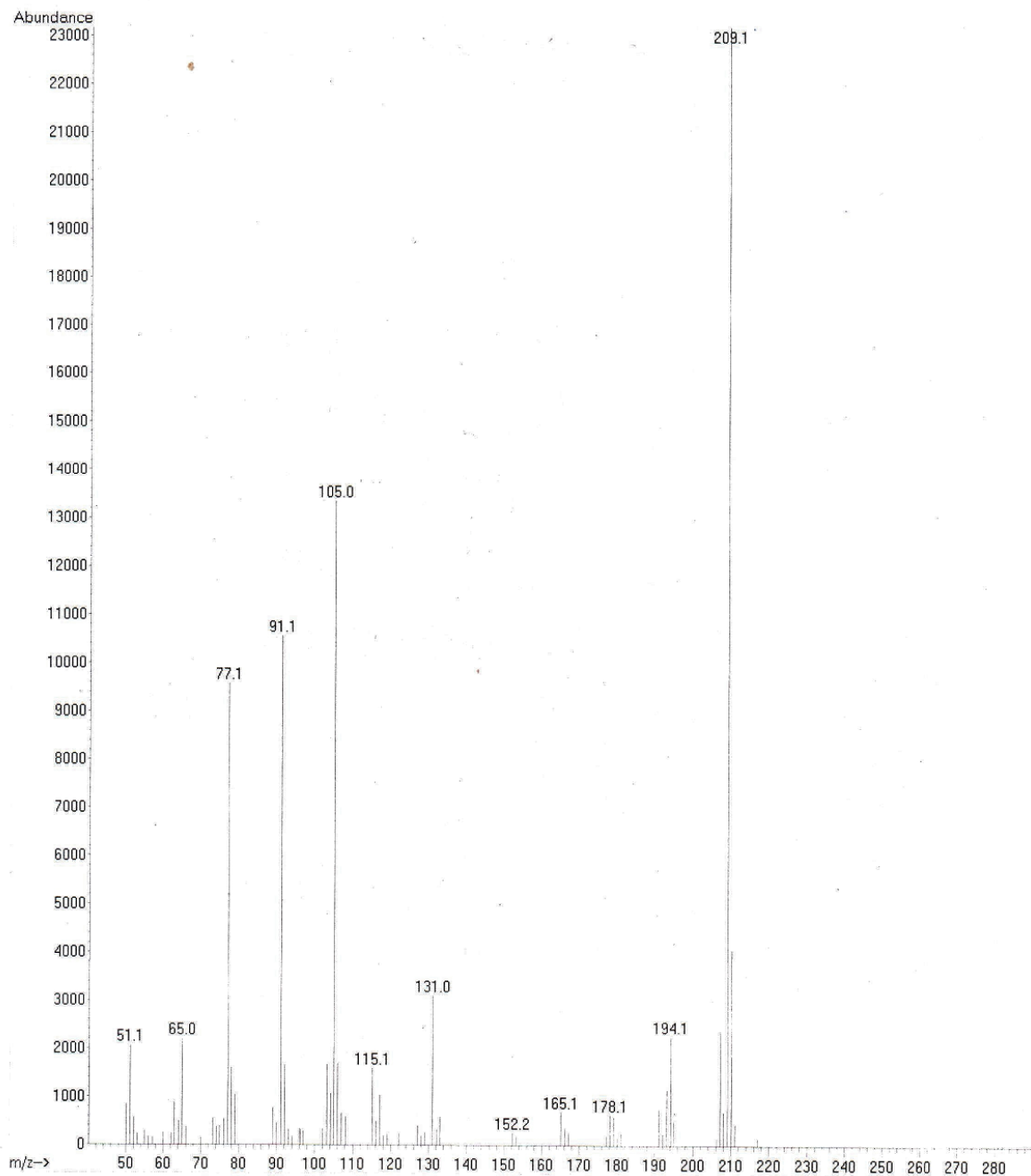
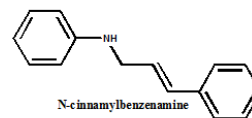
Figure S4 SEM micrograph for recovered nanocatalyst

GC-MS Chromatograms

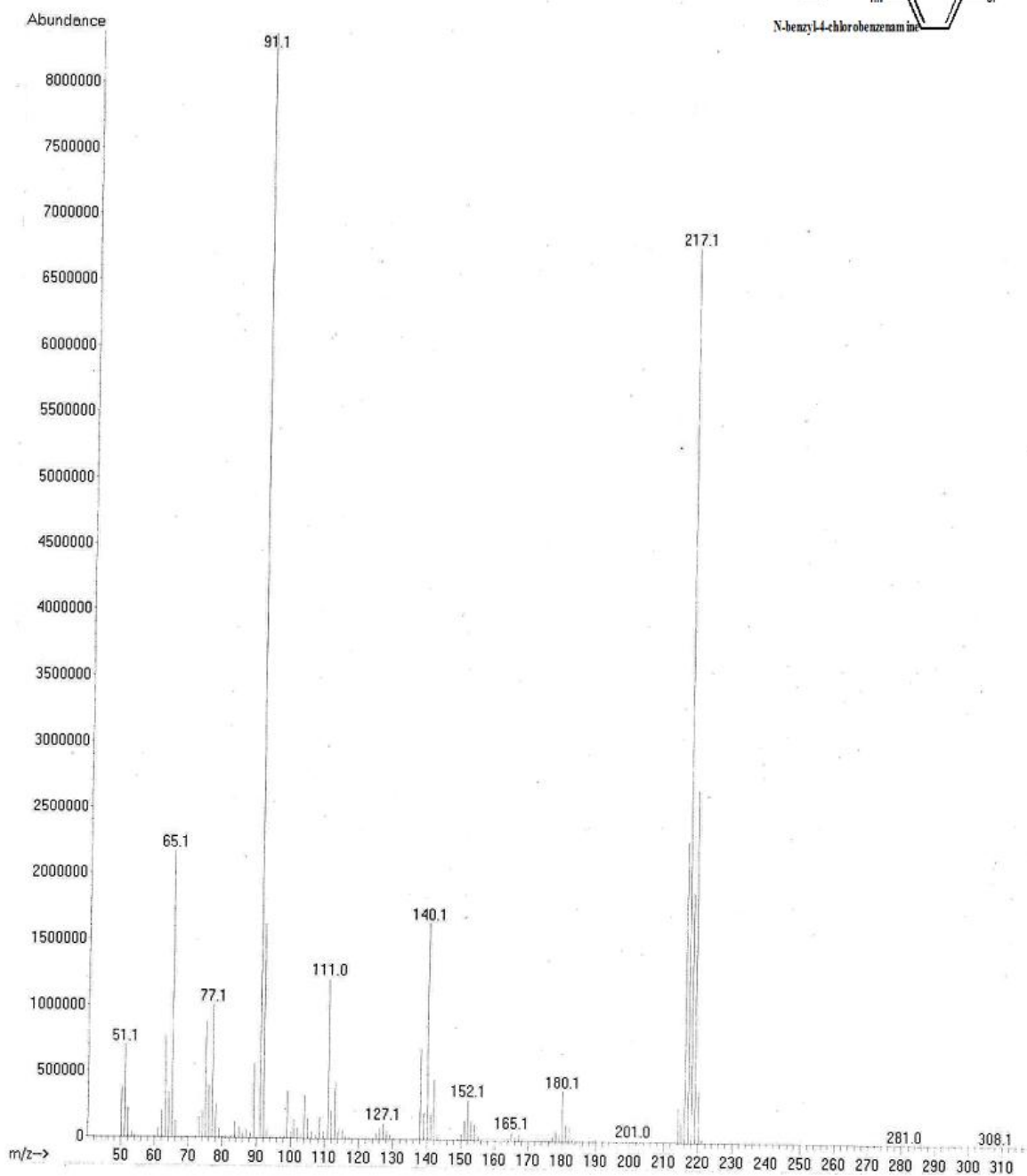
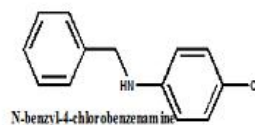
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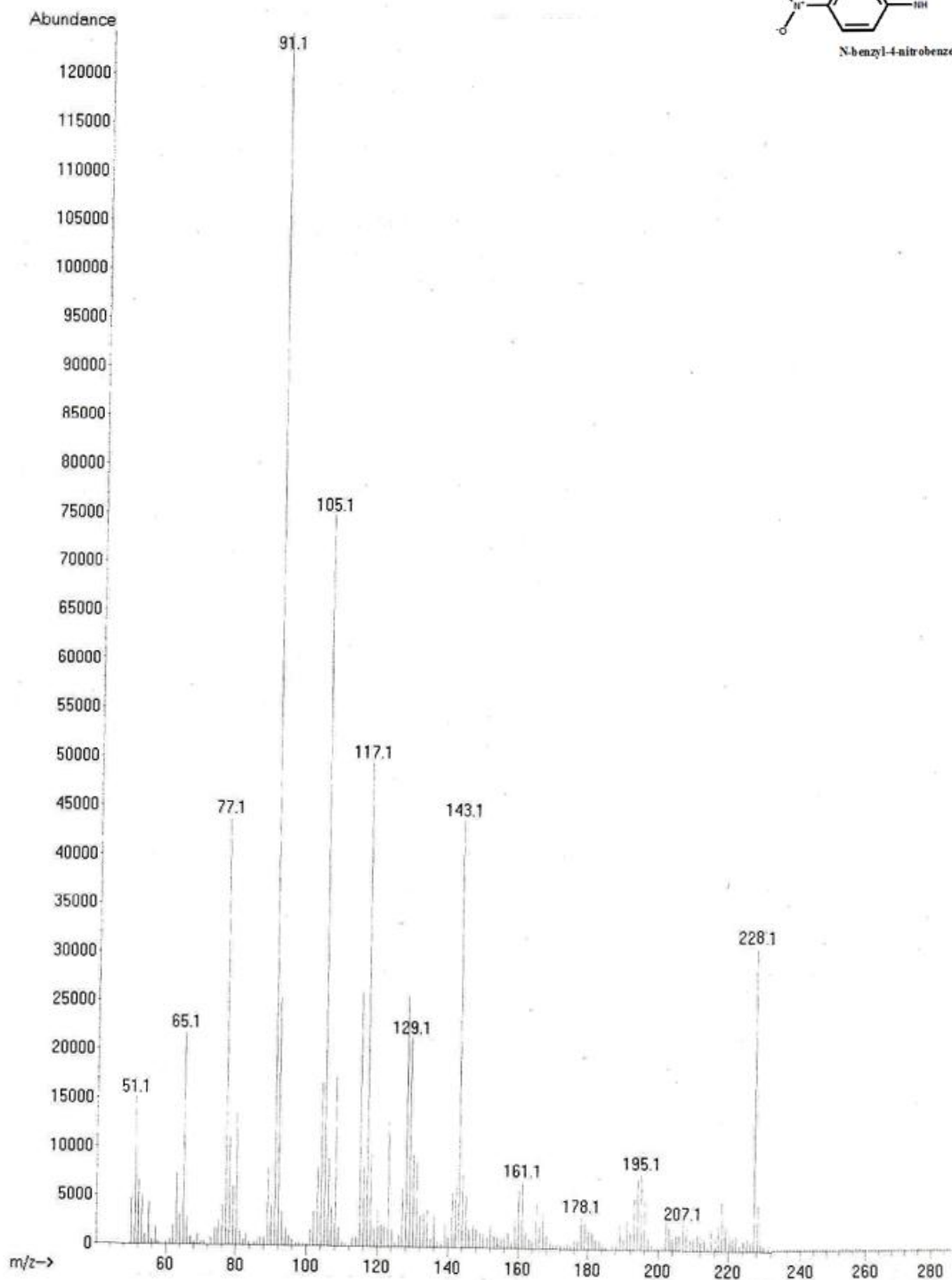
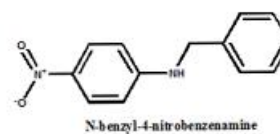
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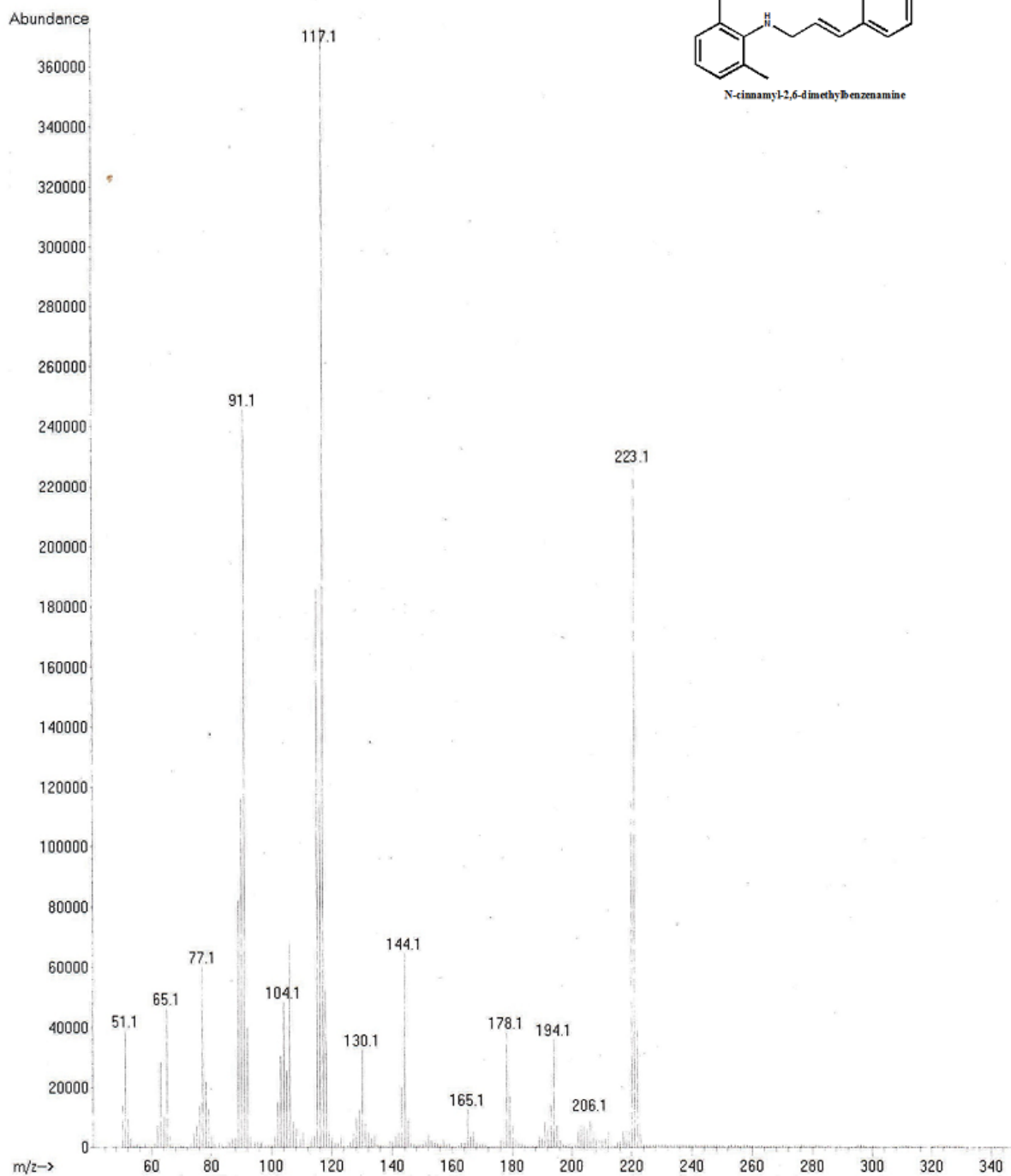
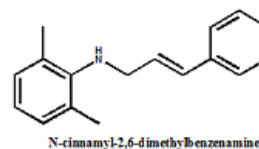
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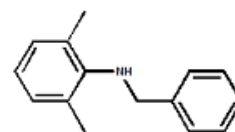
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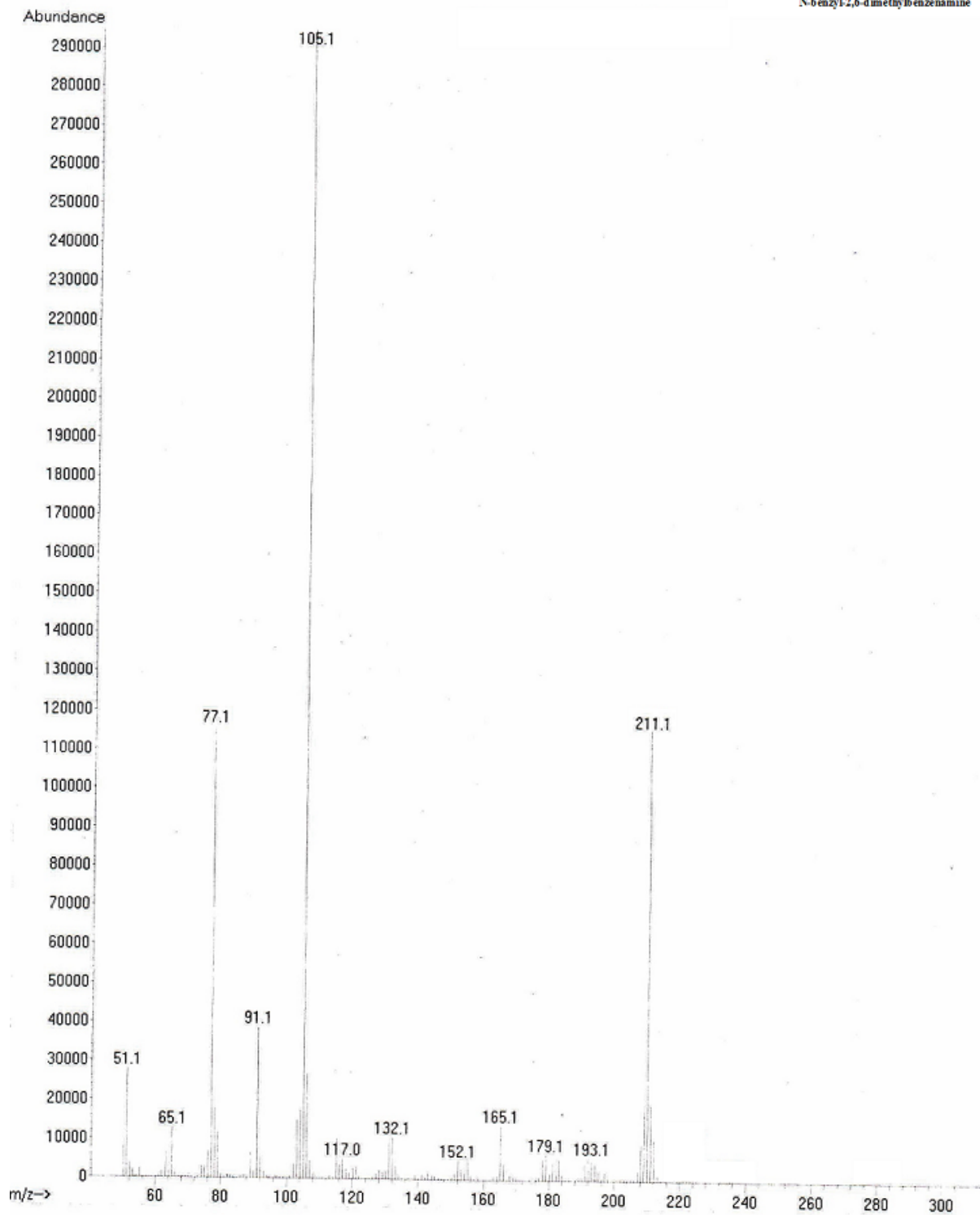
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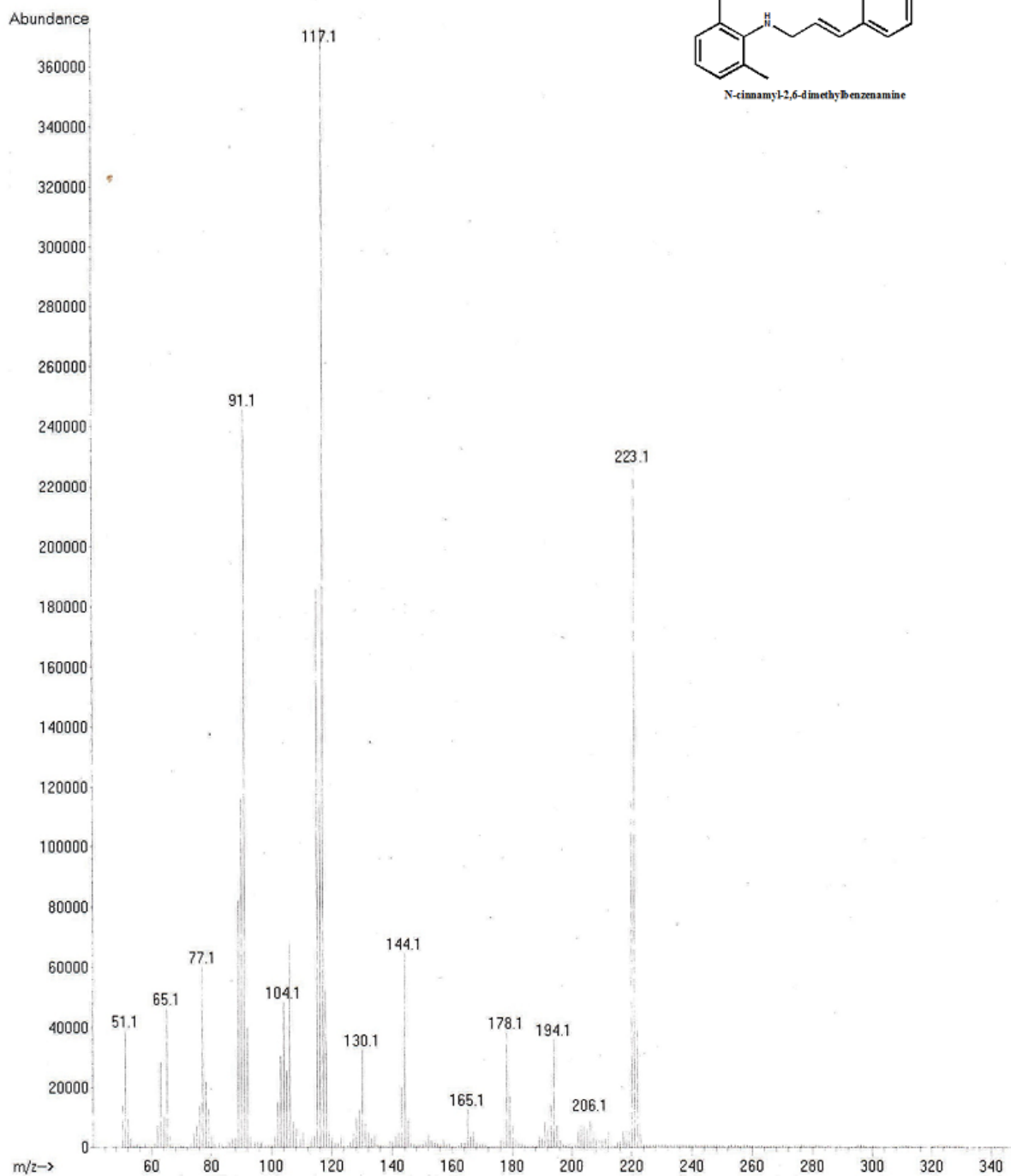
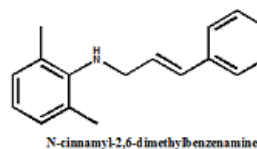
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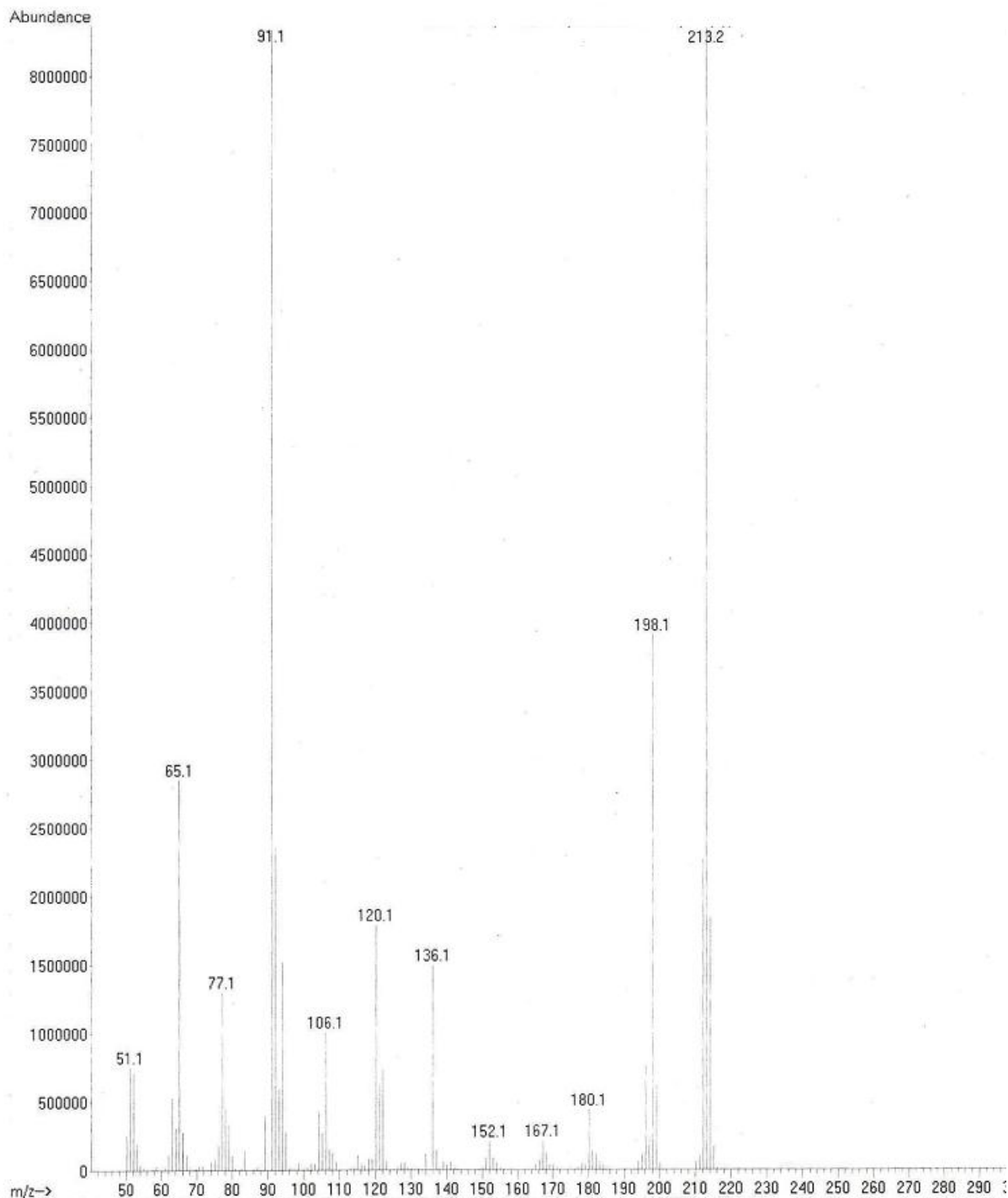
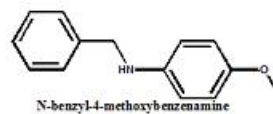
N-benzyl-2,6-dimethylaniline



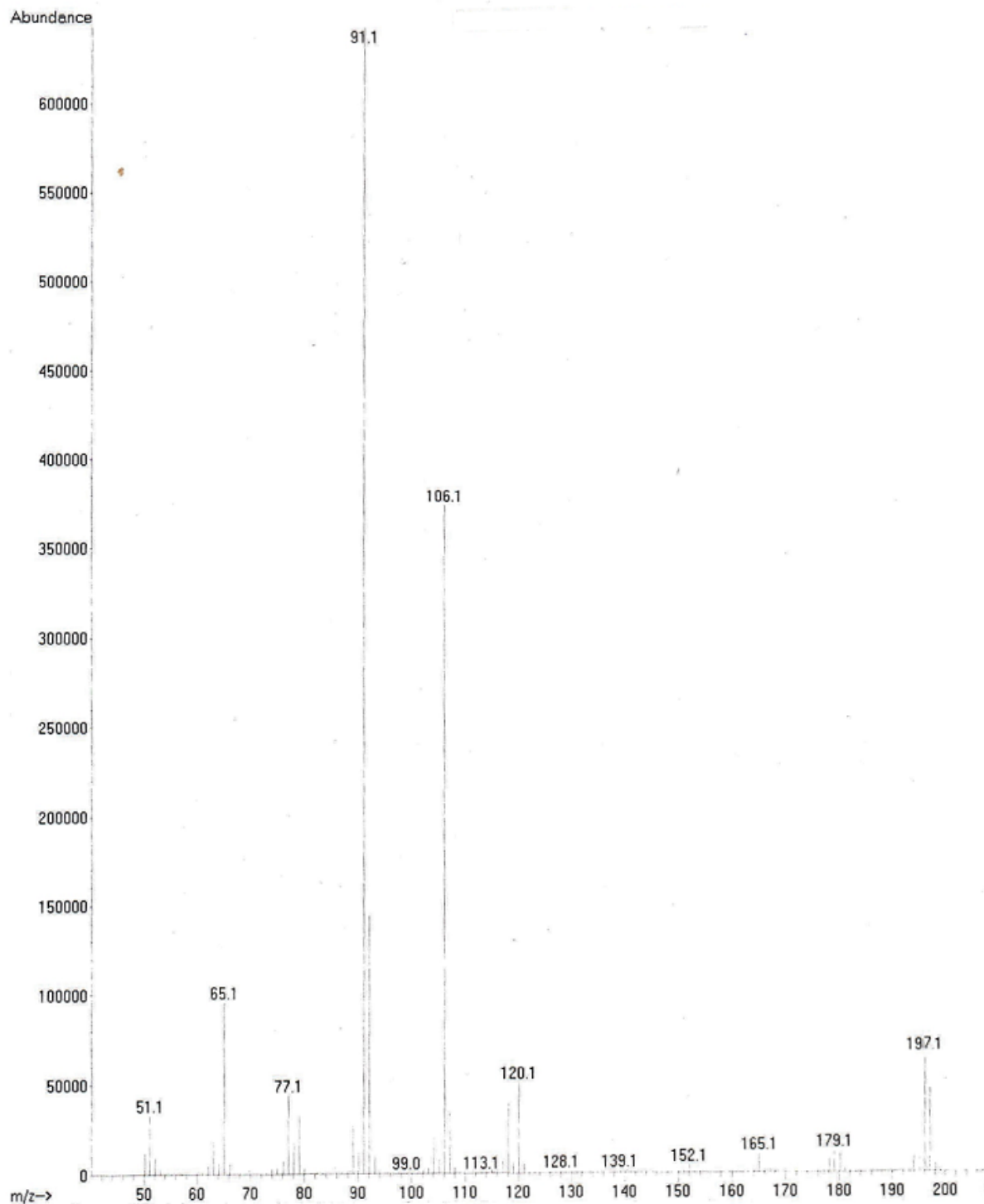
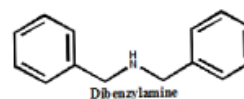
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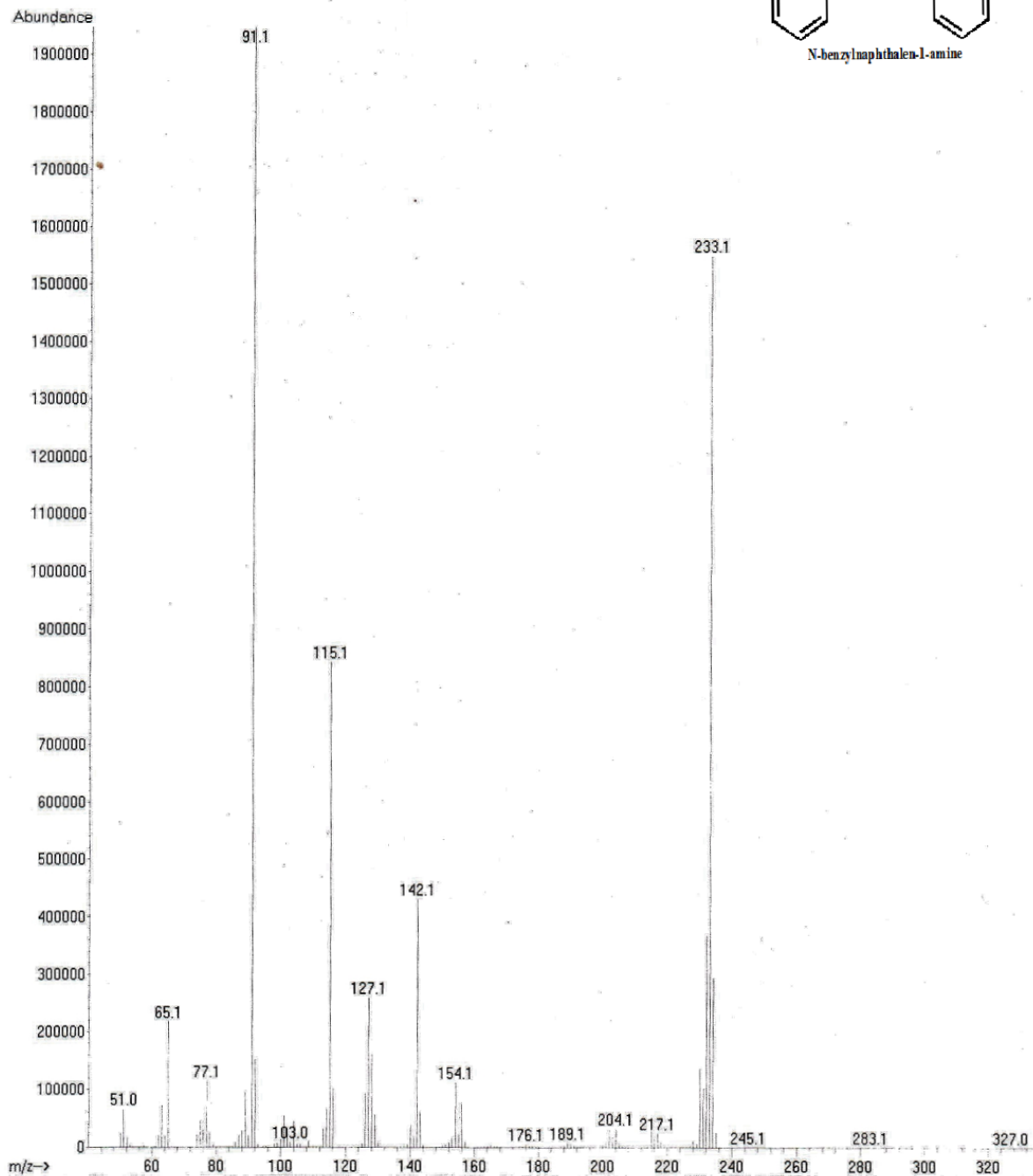
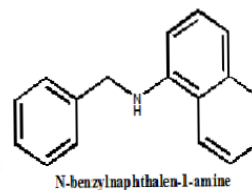
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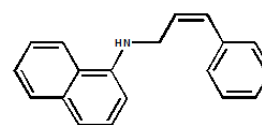
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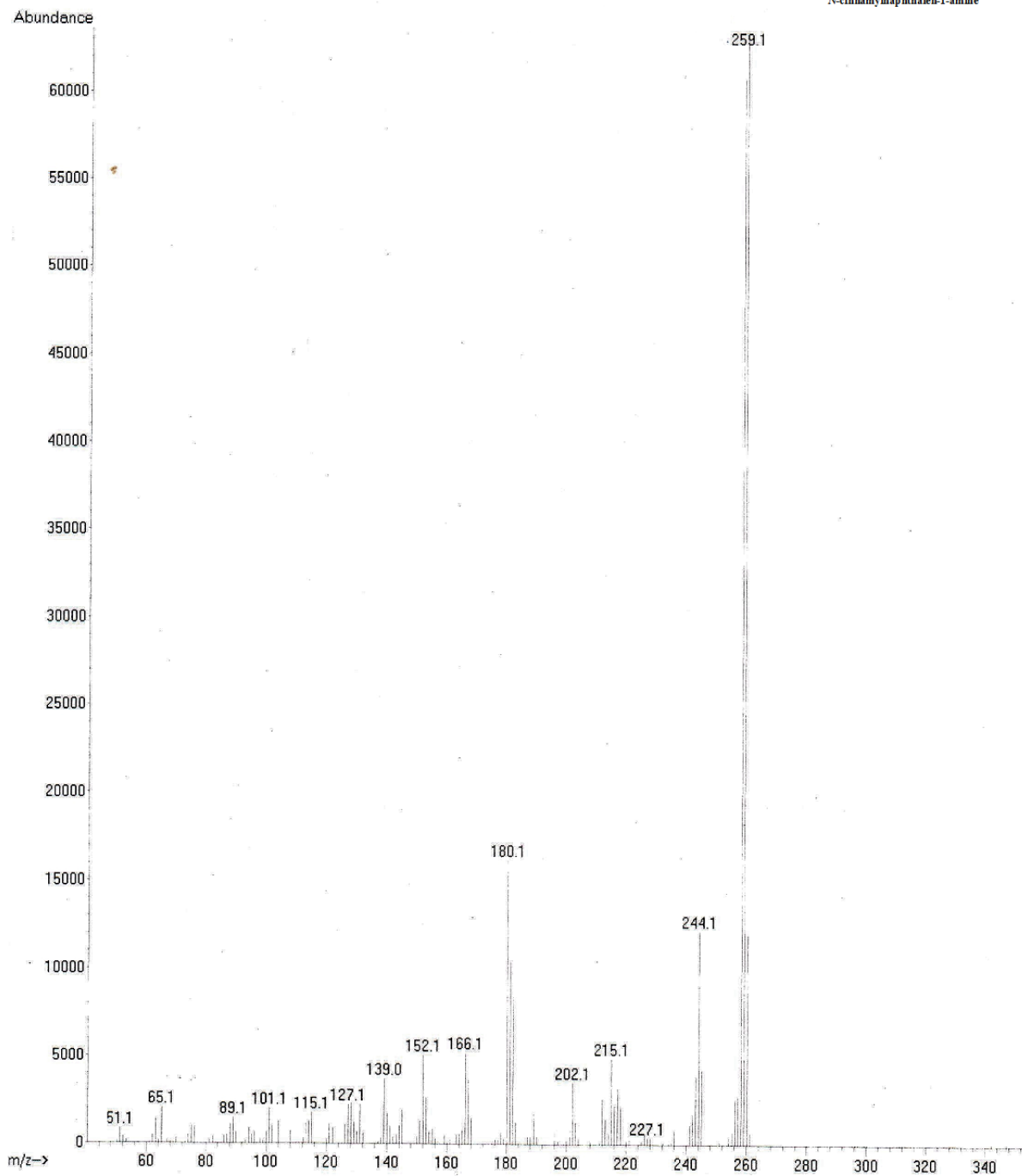
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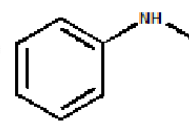
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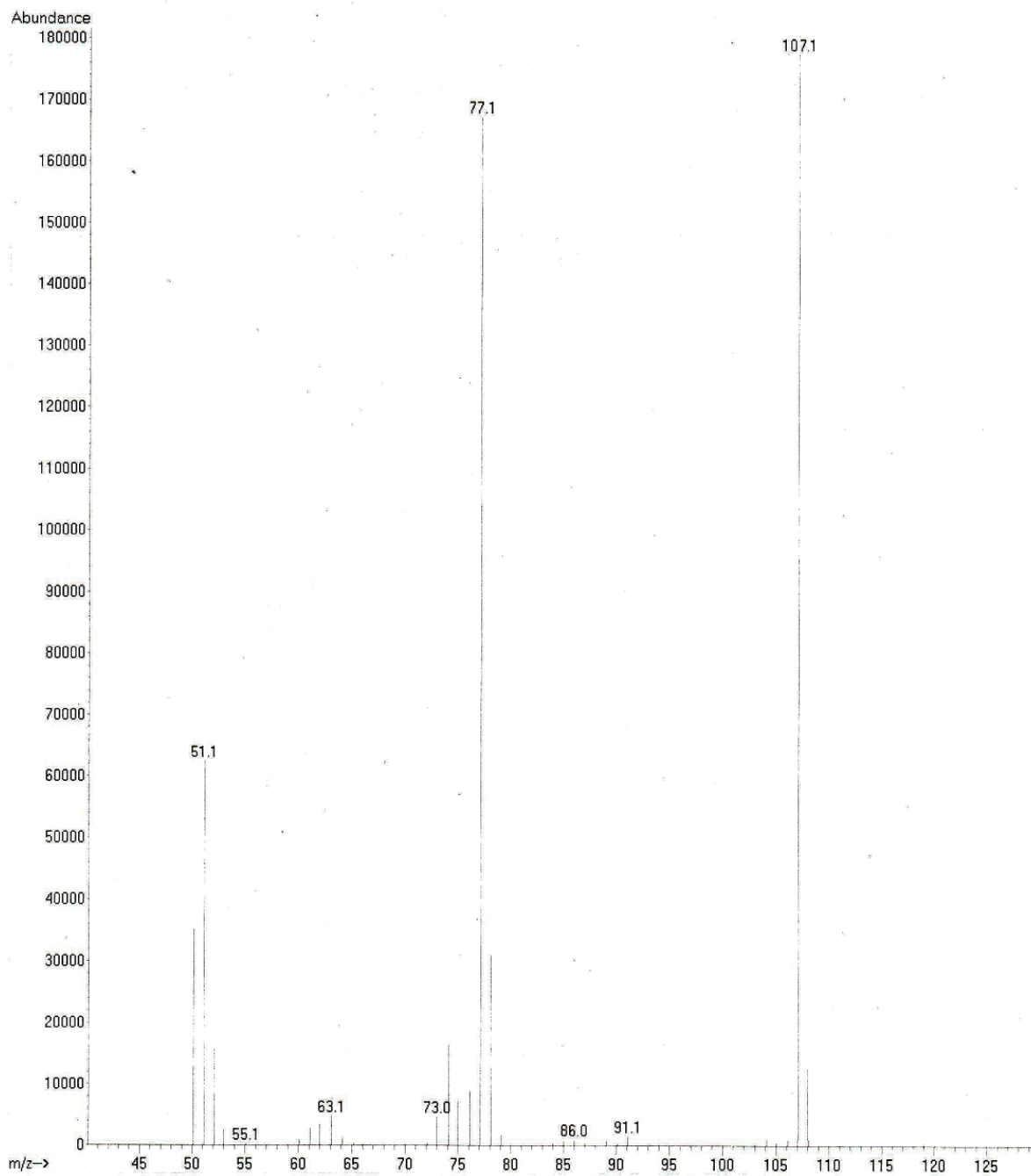
N-cinnamyl-naphthalen-1-amine



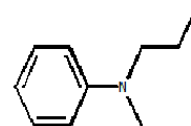
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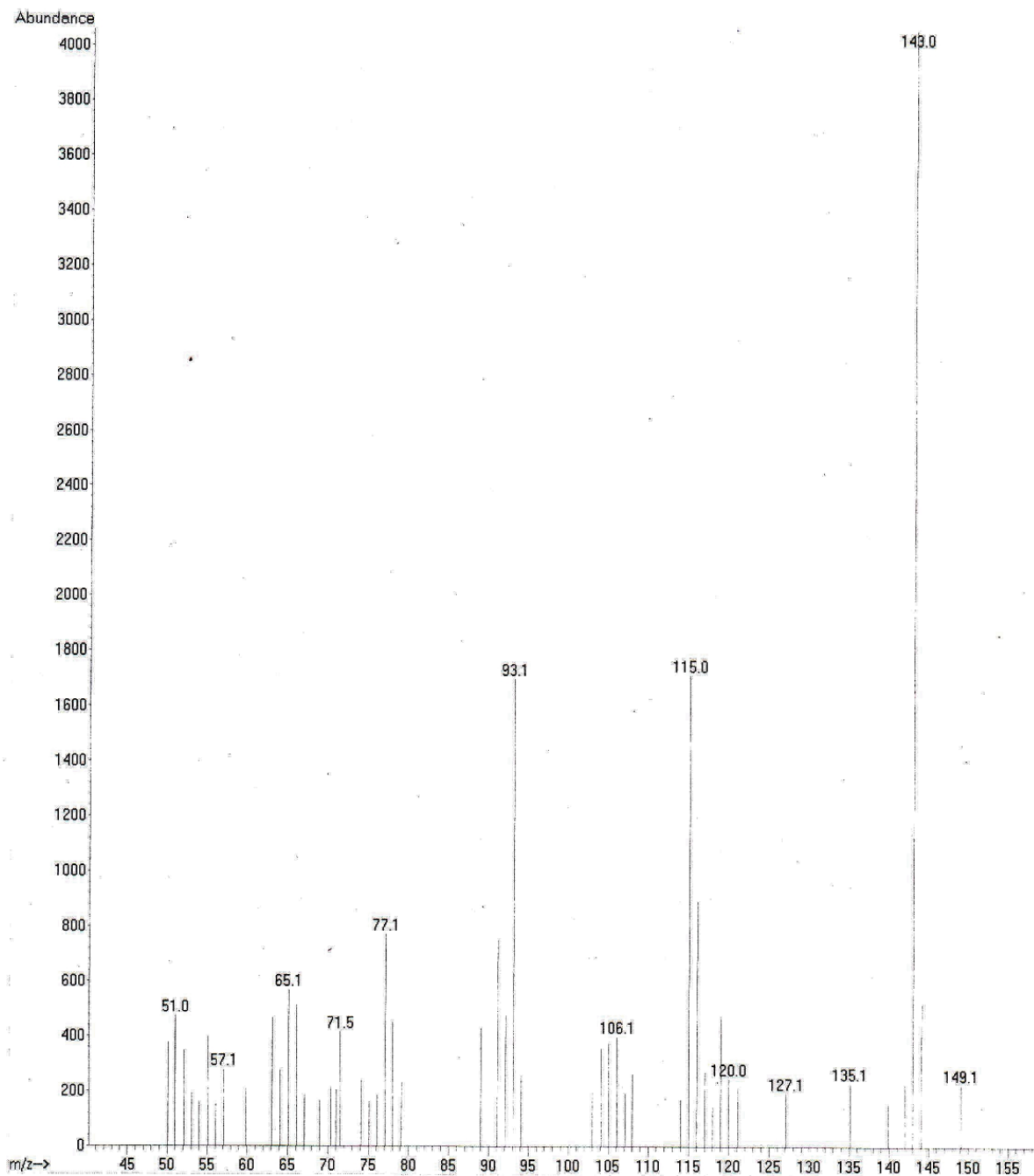
N-methylbenzenamine



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N-methyl-N-propylbenzenamine



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