

Supplementary materials

Extraction, Chemical Composition, Antioxidant, and Antibacterial Activities of Essential Oil Using Aerial Part of *Artemisia indica*.

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Paras Nath Chaudhary³

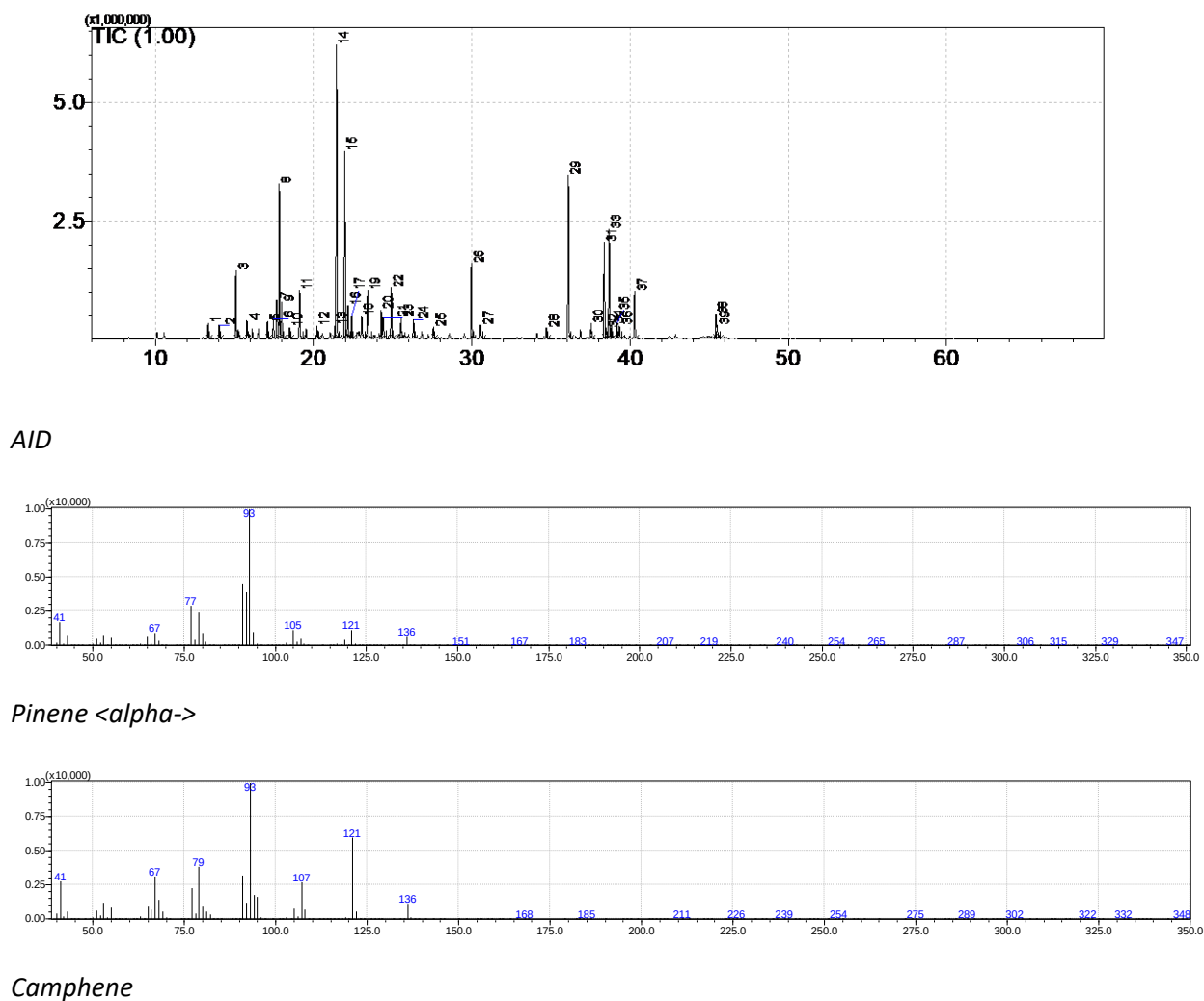
¹Central Department of Chemistry, Tribhuvan University, Kirtipur, Kathmandu, Nepal

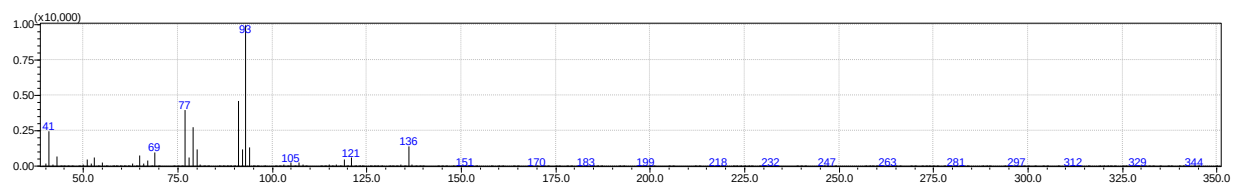
²Central Department of Zoology, Tribhuvan University, Kirtipur, Kathmandu, Nepal

³Siddhanath Science Campus, Mahendranagar, Kanchanpur, Nepal

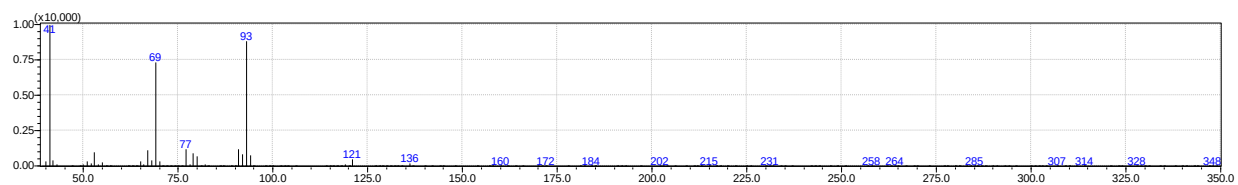
Corresponding E-mail: joshidipak0424@gmail.com

Figure S1: GC-MS of AID and their profiling

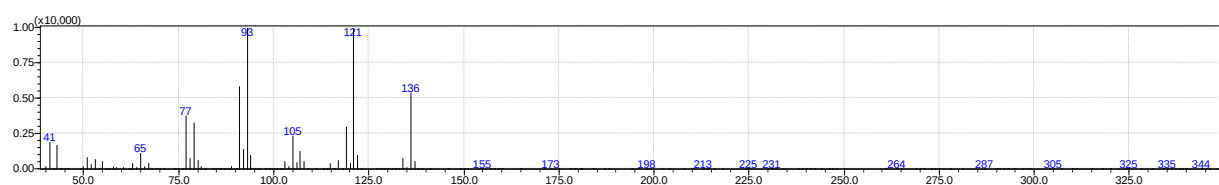




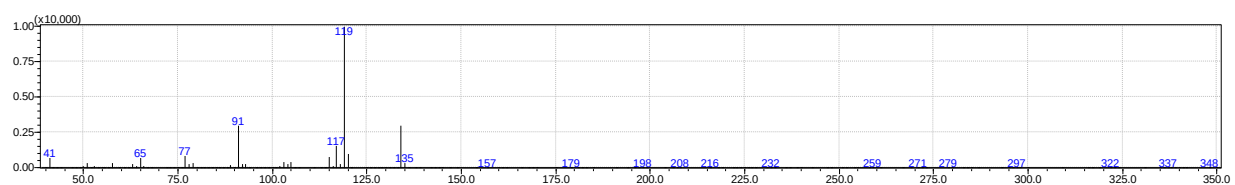
Sabinene



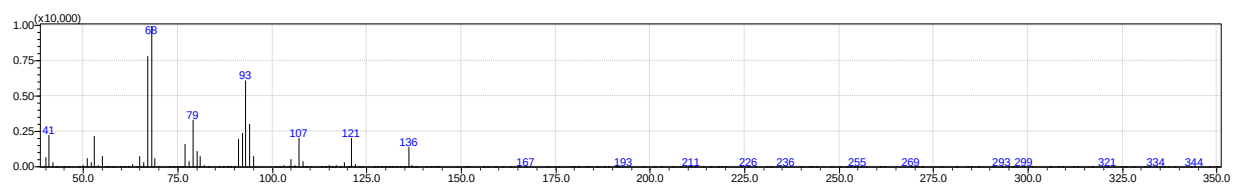
Myrcene



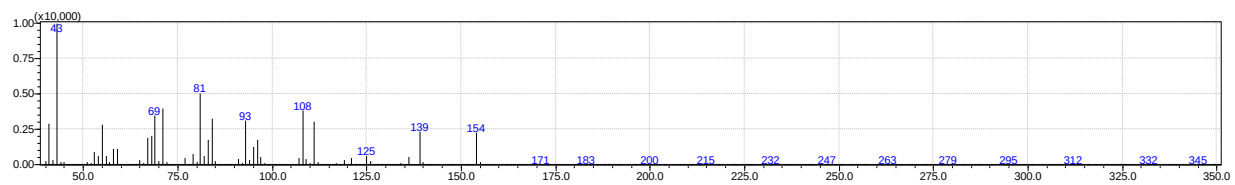
Terpinene <alpha->



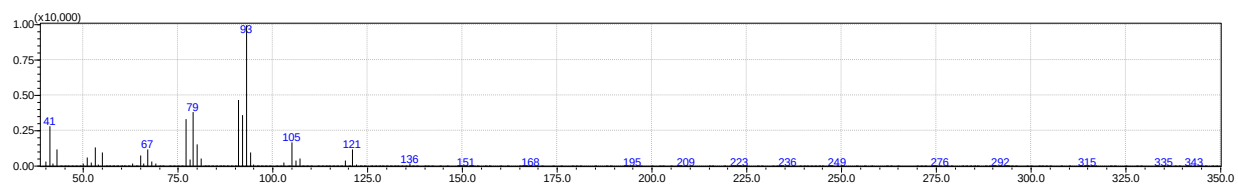
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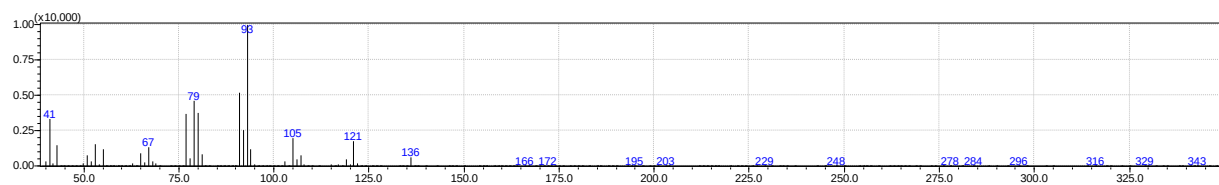
Limonene



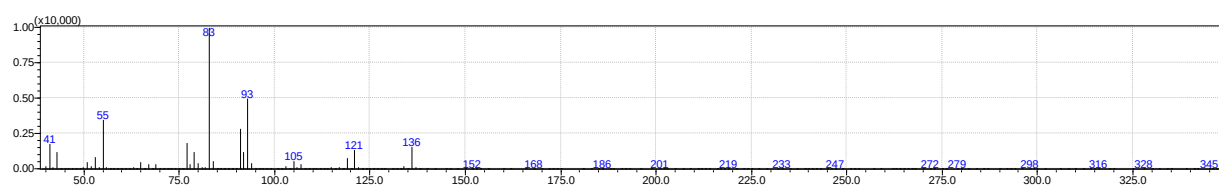
Eucalyptol



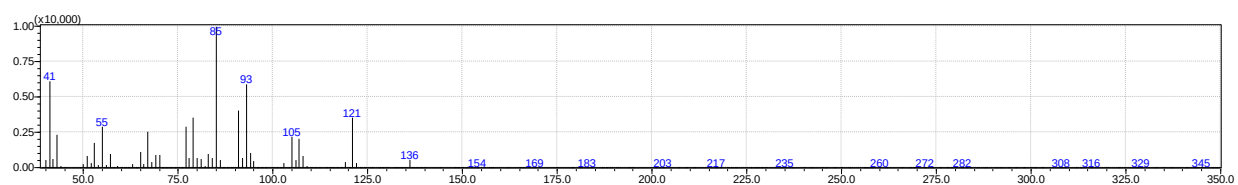
Ocimene <(Z)-, beta->



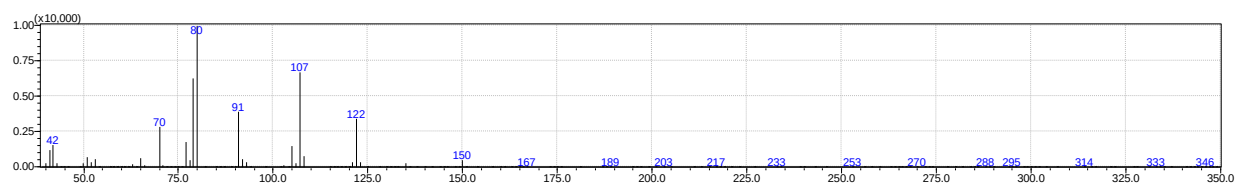
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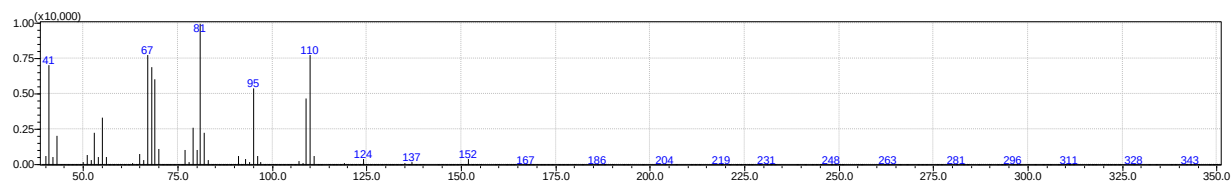
Artemisia ketone



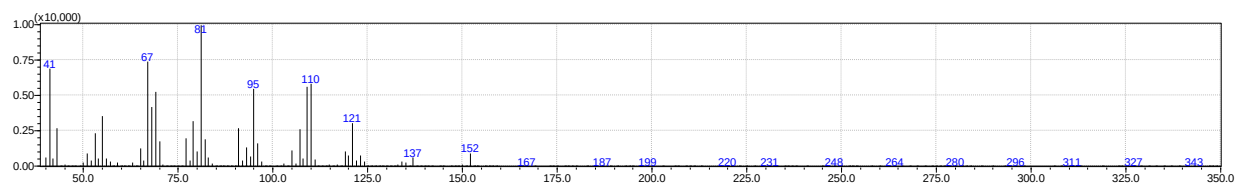
Linalool, methyl ether



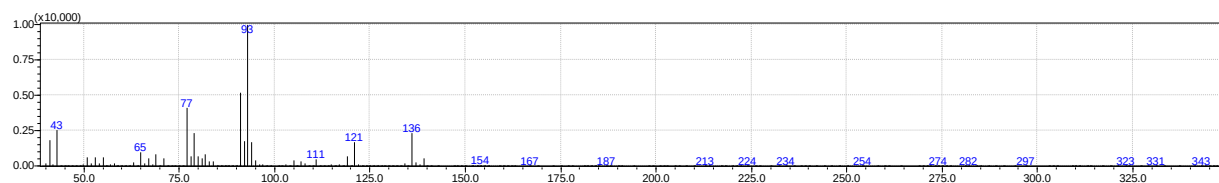
2,6,6-Trimethylbicyclo[3.2.0]hept-2-en-7-one



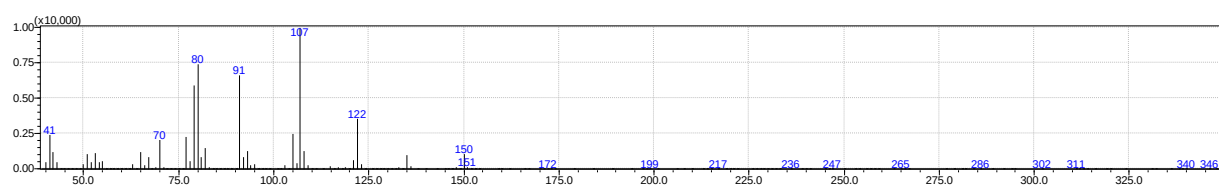
Thujone <alpha->



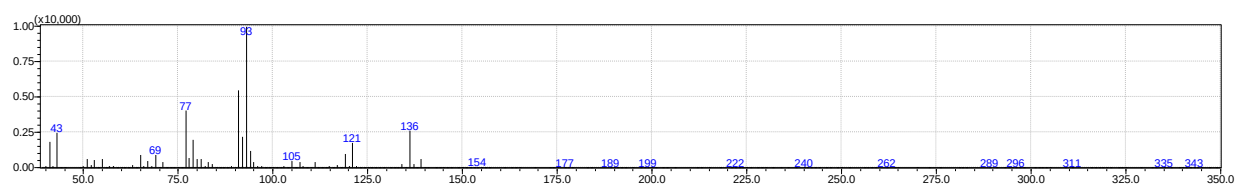
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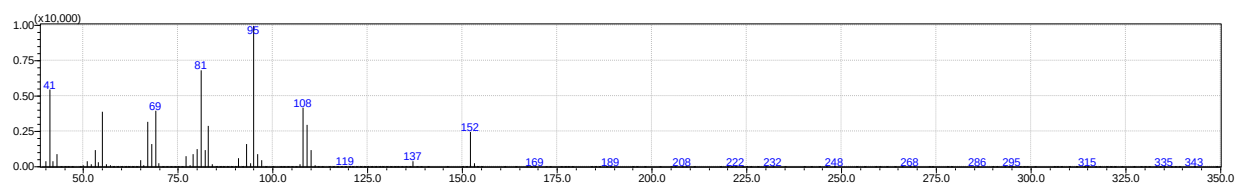
Ocim-(4E,6Z)-ene <allo>



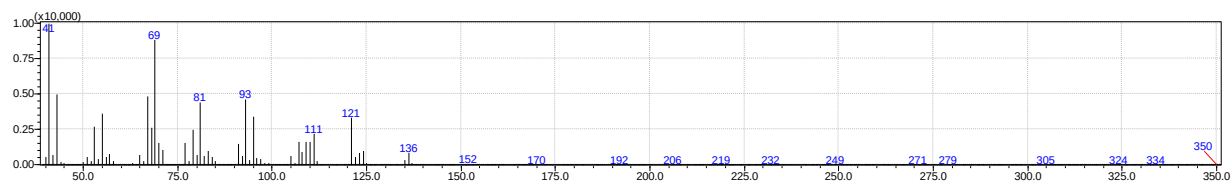
3-Caren-10-al



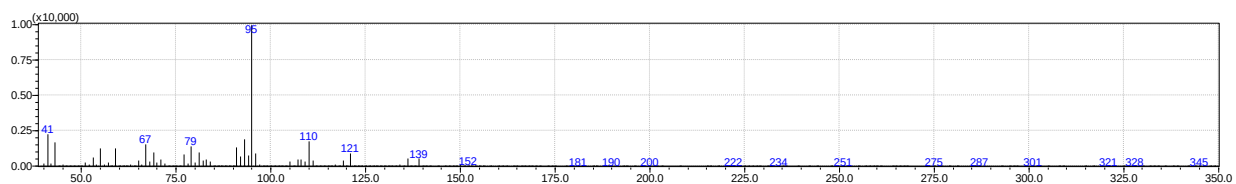
3,5-Methanocyclopentapyrazole, 3,3a,4,5,6,6a-hexahydro-3a,4,4-trimethyl-



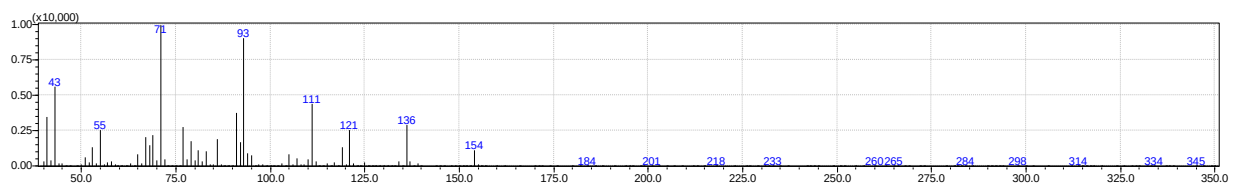
Camphor



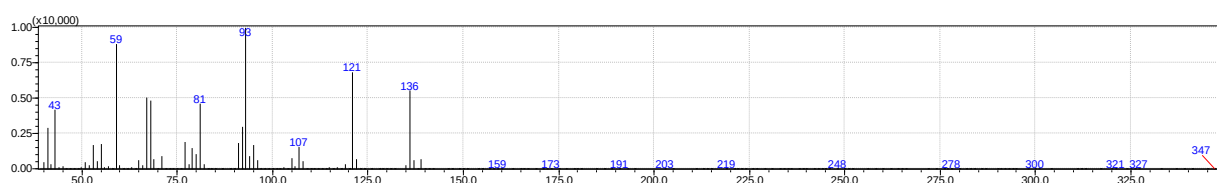
(-)-cis-Myrtanol



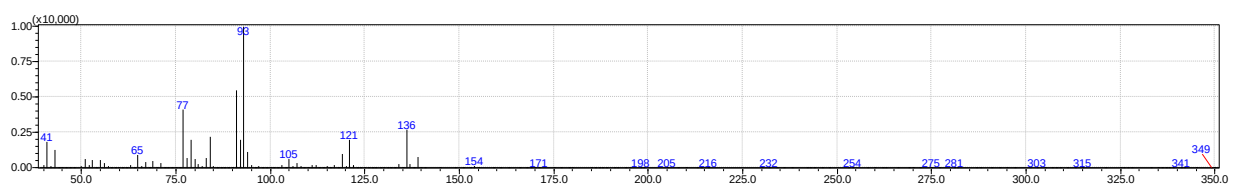
Isoborneol



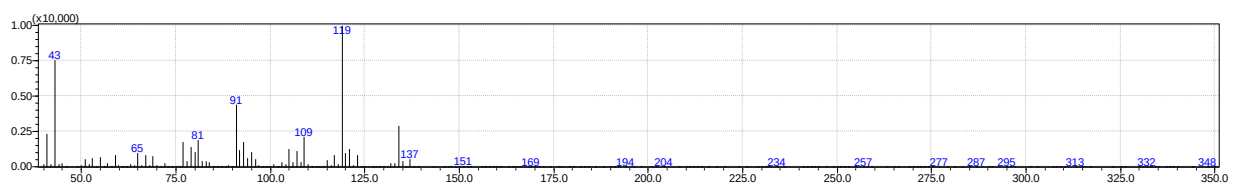
Terpinen-4-ol



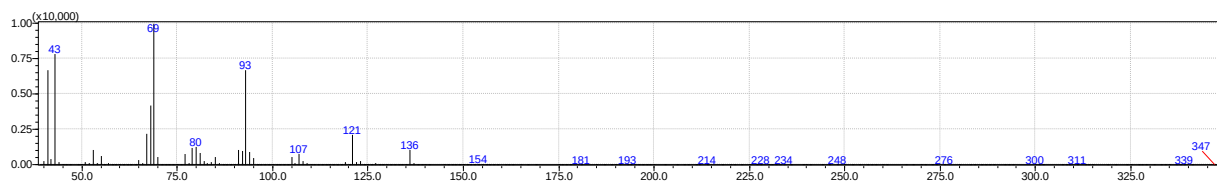
Terpineol α->



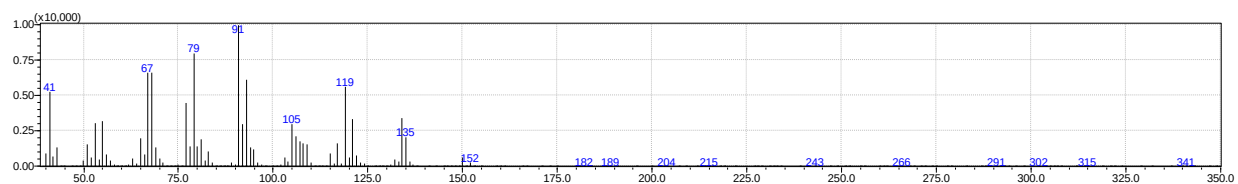
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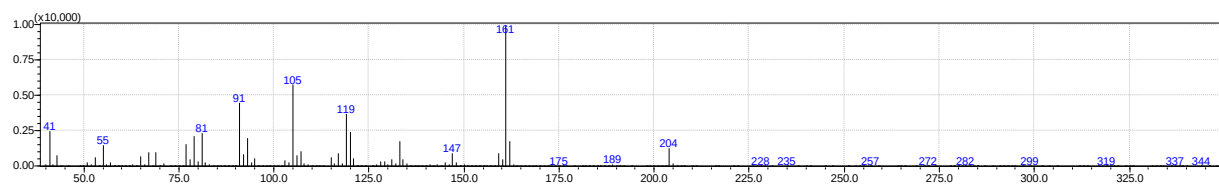
Chrysanthenyl acetate trans->



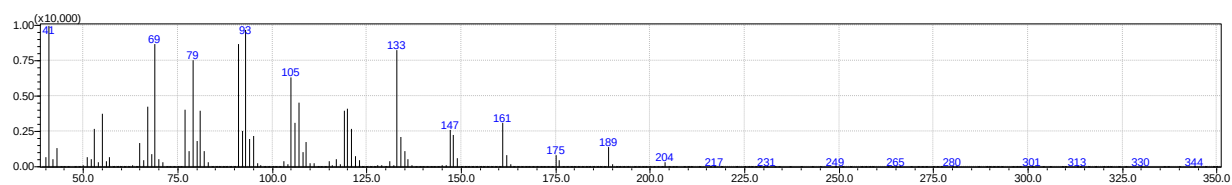
Lavandulyl acetate



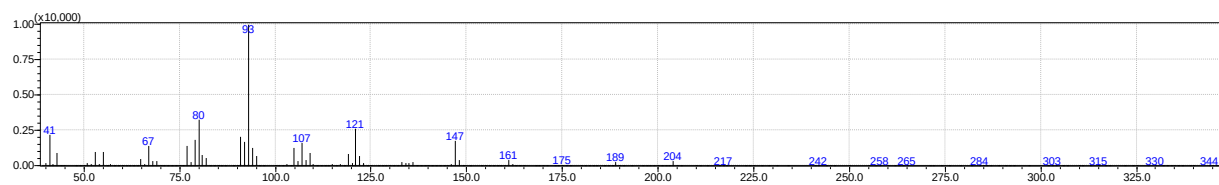
Perilla alcohol



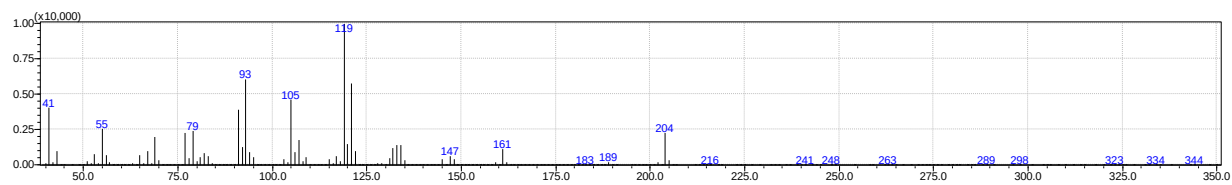
Cubebene <beta>



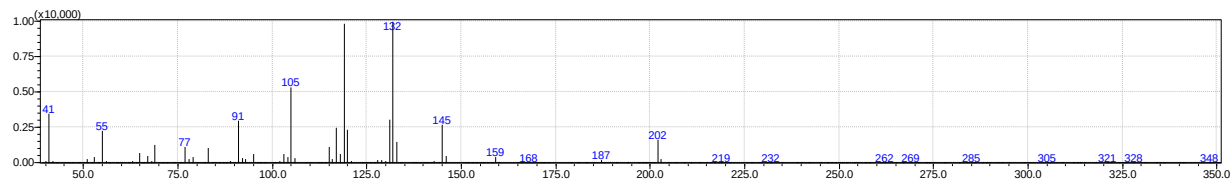
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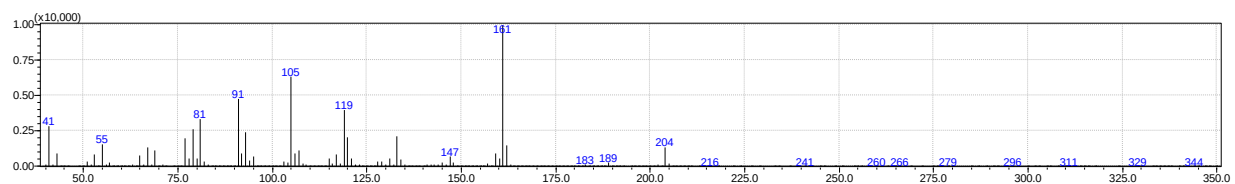
Humulene <alpha>



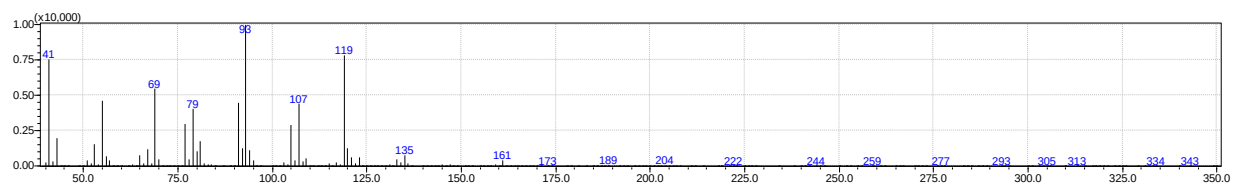
Curcumene <gamma>



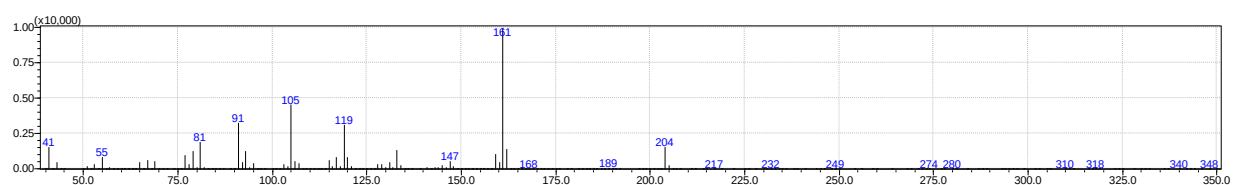
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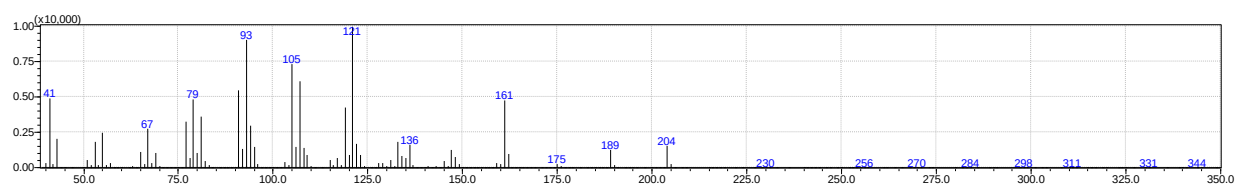
Cadinene <gamma>



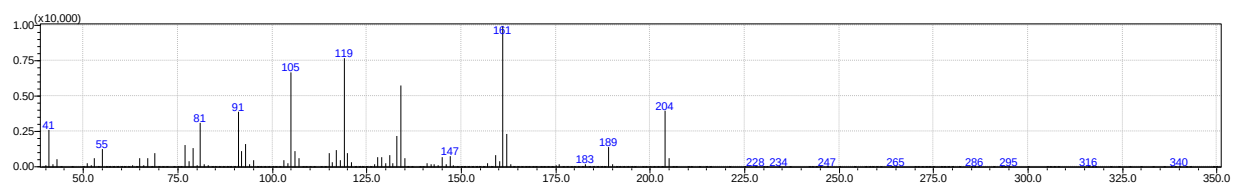
Farnesene <(E,E)-, alpha>



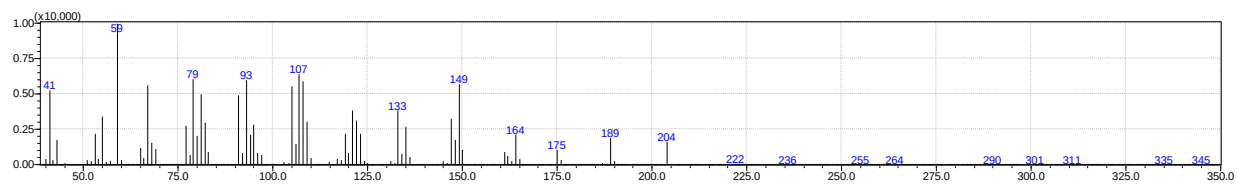
Amorphene <gamma>



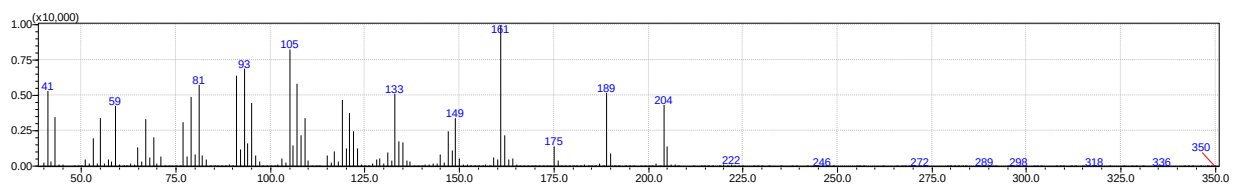
Bicyclogermacrene



Cadinene <delta>

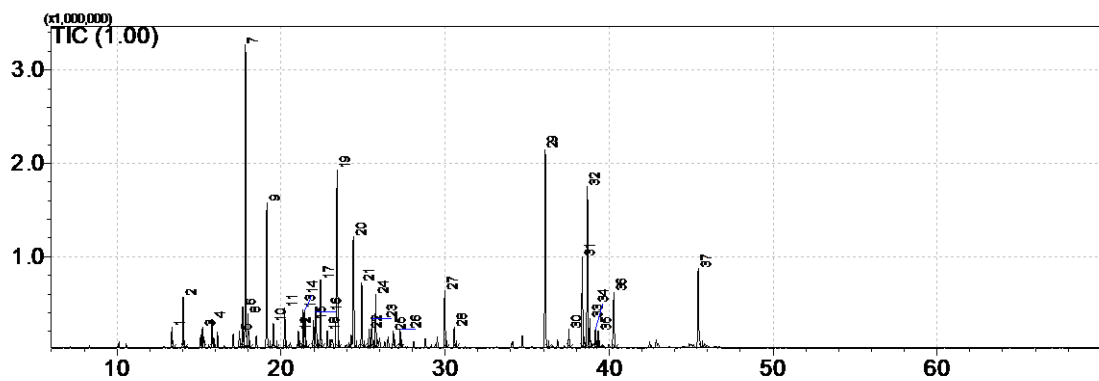


Eudesmol <beta>

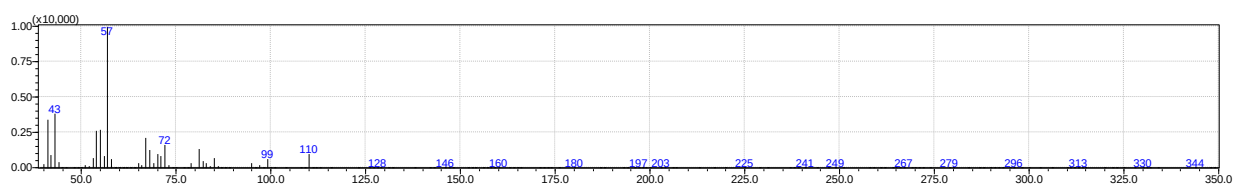


Bulnesol

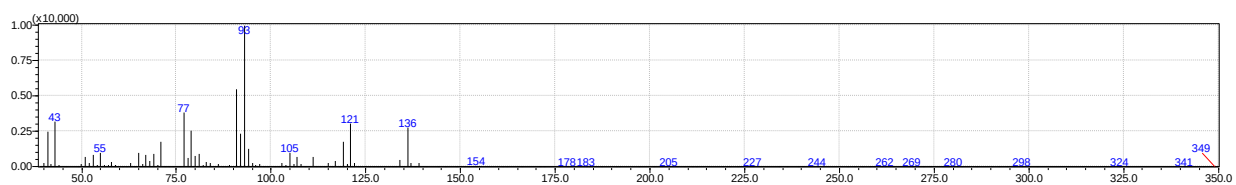
Figure S2: GC-MS of AID and their profiling



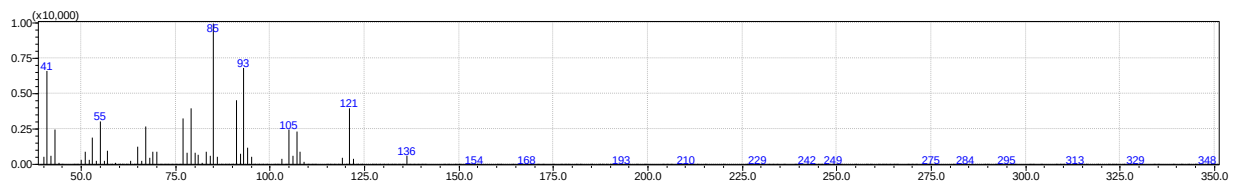
AIK



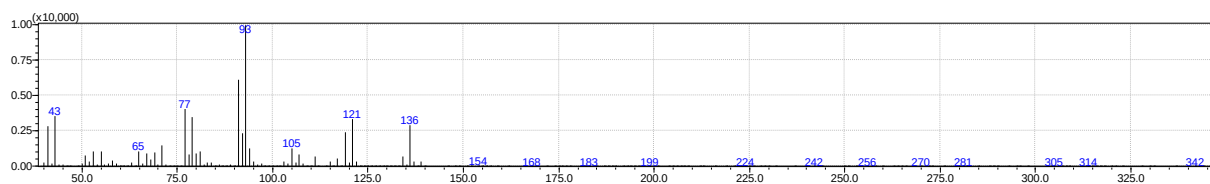
Hept-(2E)-en-1-ol



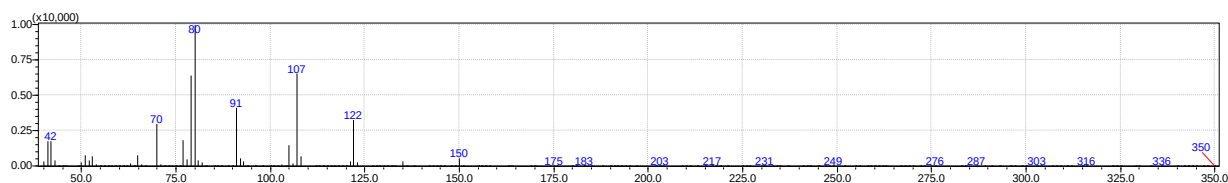
Terpinene <gamma>



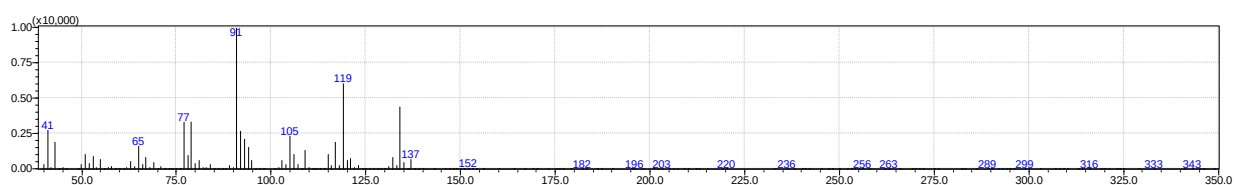
2,3-Diazabicyclo[2.2.1]hept-2-ene, 5-ethenyl-4,7,7-trimethyl-, (1.alpha.,4.alpha.,5.beta.)-



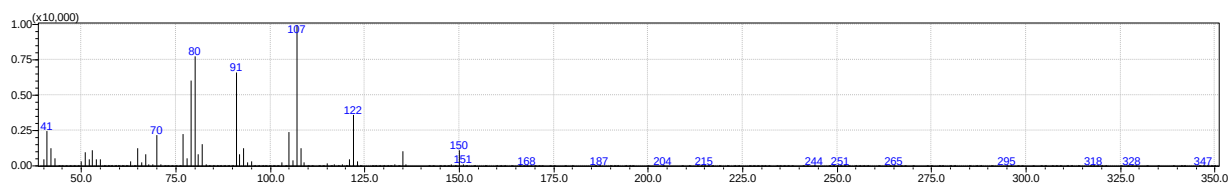
Terpinolene



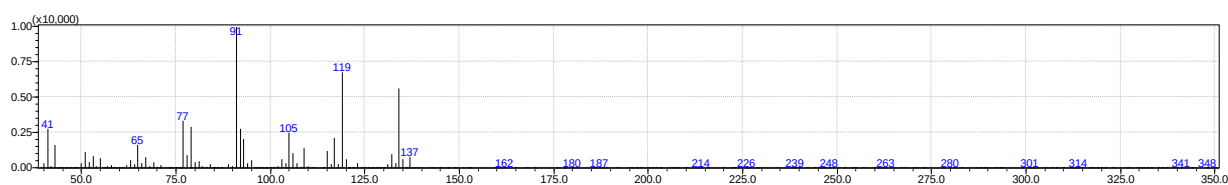
.alpha.-Thujenal



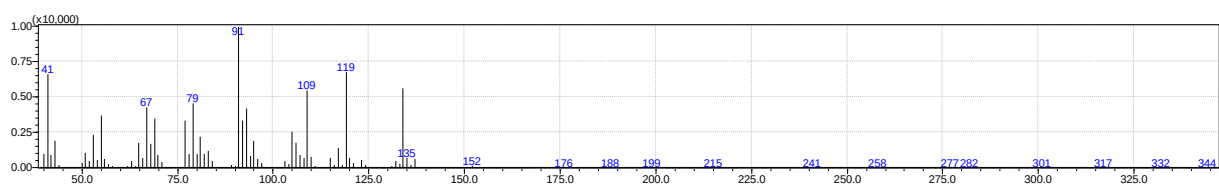
1,4-Methano-1H-cyclopenta[d]pyridazine, 4,4a,5,7a-tetrahydro-8,8-dimethyl-, (1.alpha.,4.alpha.,4a.alpha.,7a.alpha.)-



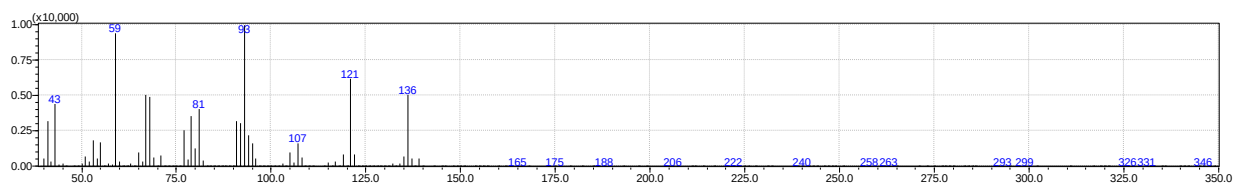
Chrysanthenone



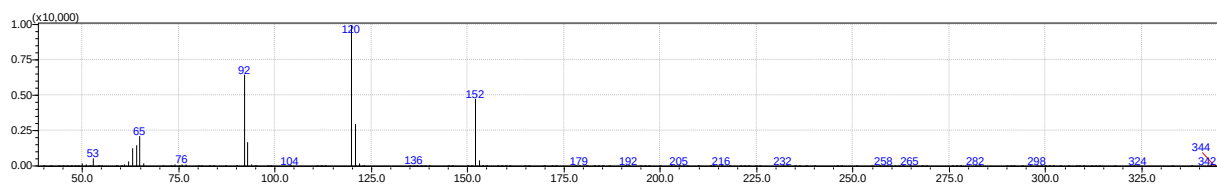
trans-3-Caren-2-ol



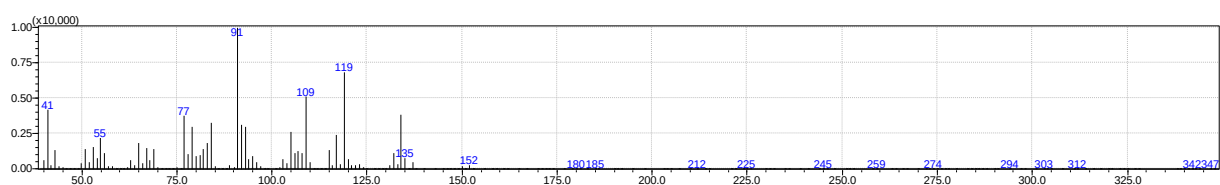
Isocarveol <trans->



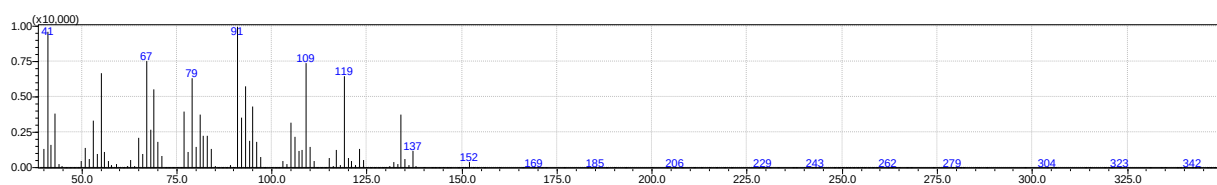
Terpineol <alpha>



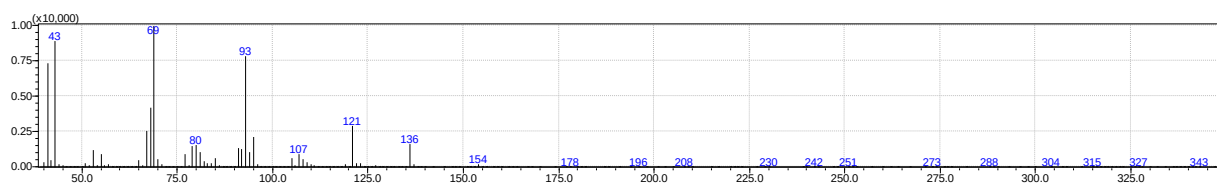
Salicylate <methyl>



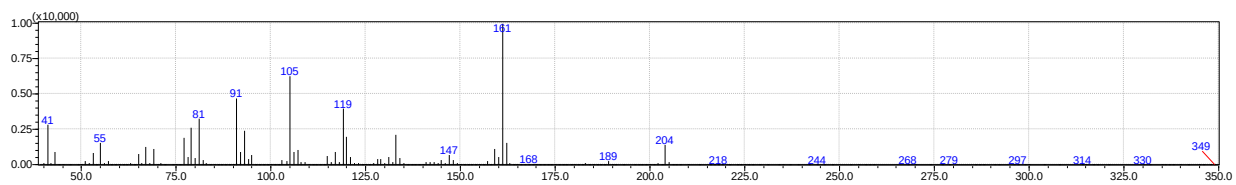
Carveol



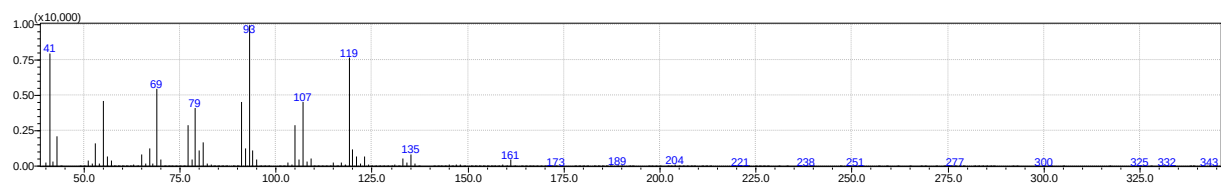
Carveol <cis>



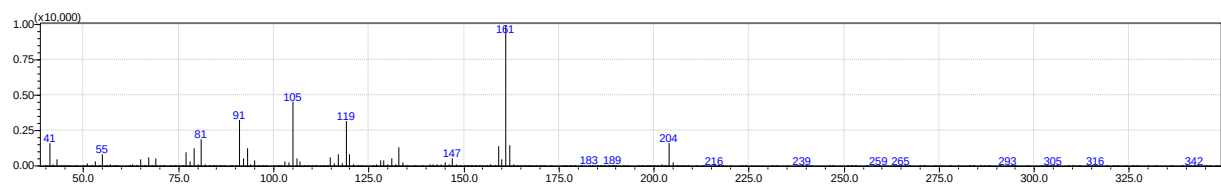
Lavandulyl acetate



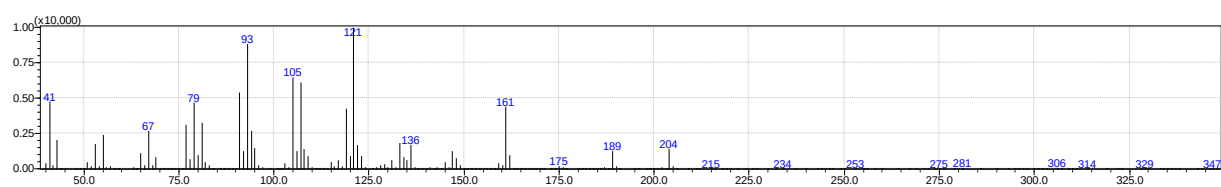
Amorphene <gamma>



Zingiberene α->



Muurolene α->



Bulnesene α->