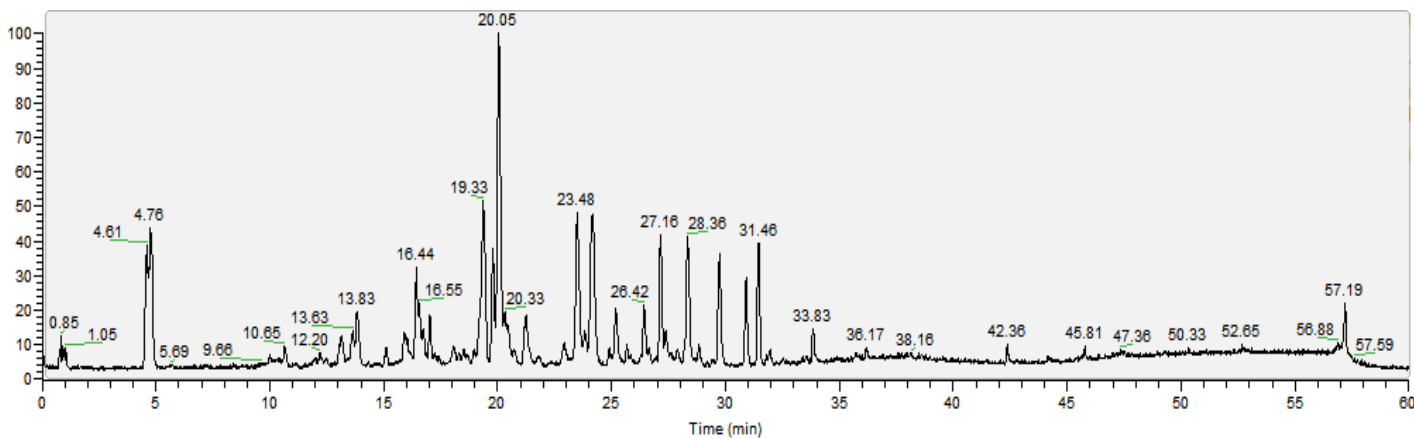
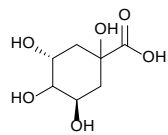


Electronic Supplementary Material (ESI) for Food & Function.
Supplementary Figure 1 The total ion current (TIC) chromatogram of the compounds identified in TB-TF.



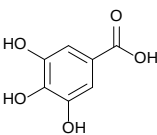
Supplementary Figure 2. Chemical structure of absorbed constituents of oral-administrated TB-TF in H22 xenograft mice.

2



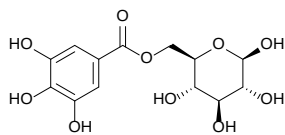
quinic acid

8



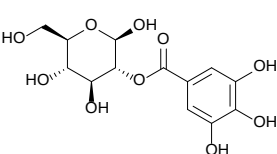
gallic acid

9



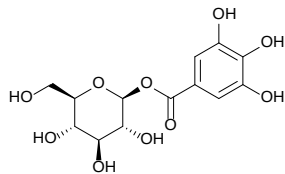
6-O-galloyl-glucose

14



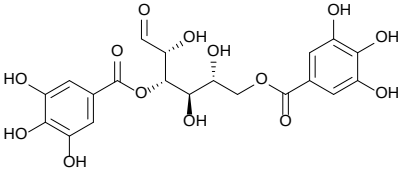
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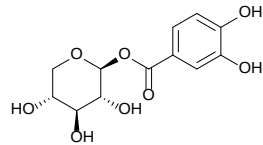
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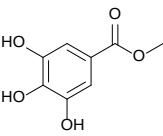
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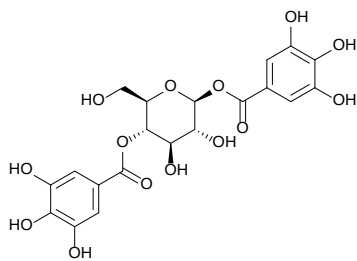
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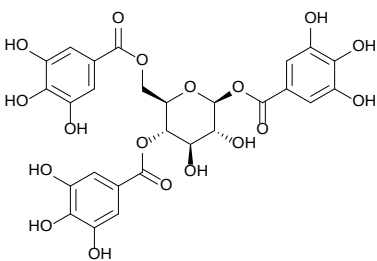
methyl
gallate

28



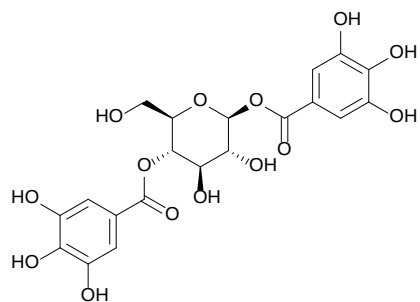
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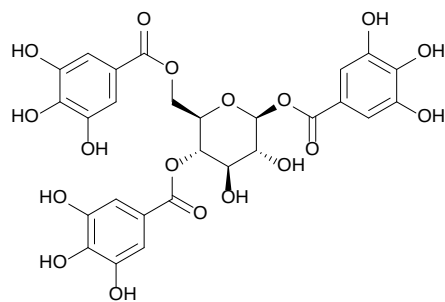
1,4,6-tri-O-galloyl-glucose

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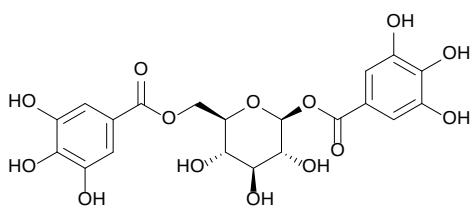
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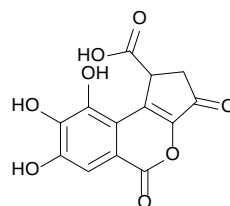
1,4,6-tri-O-galloyl-glucose

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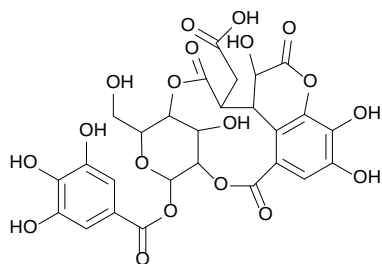
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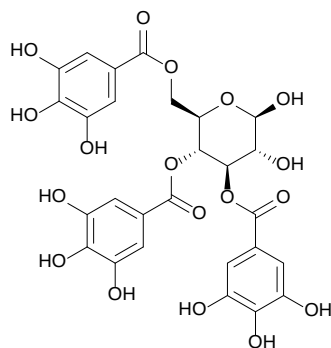
brevifolin carboxylic acid

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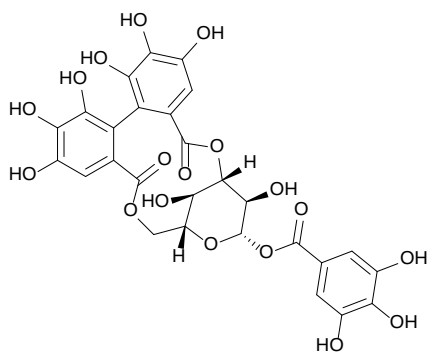
chebulanin

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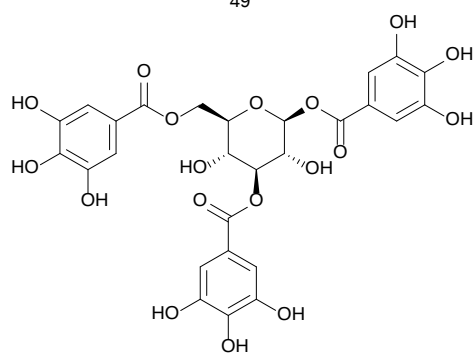
3,4,6-tri-O-galloyl-glucose

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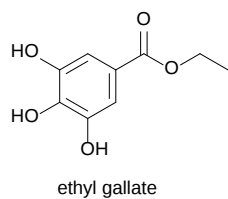
corilagin

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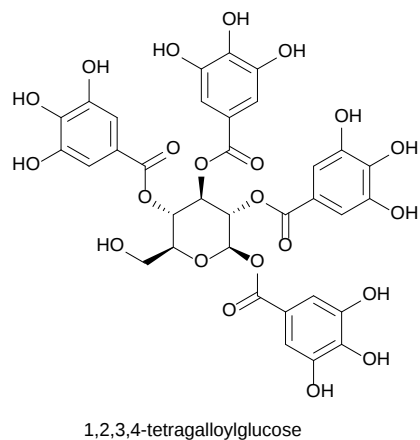


1,3,6-tri-O-galloyl-glucose

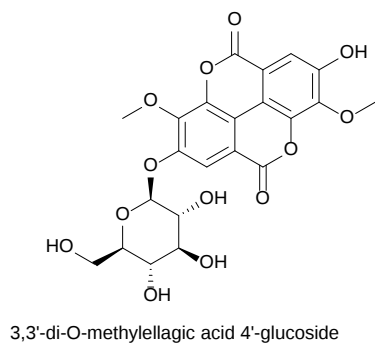
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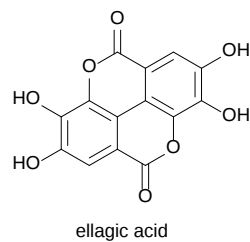
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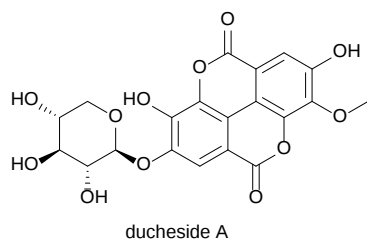
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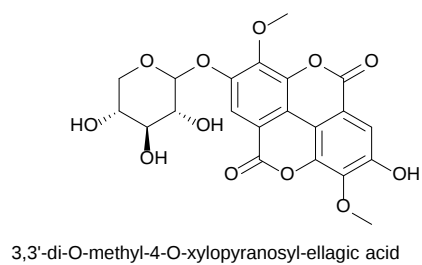
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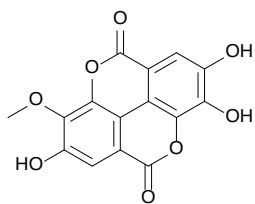
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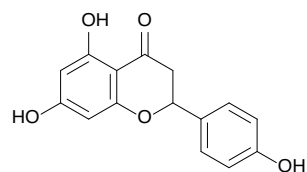


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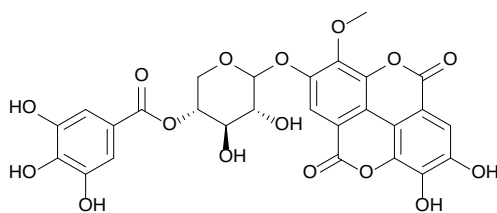
methyl ellagic acid

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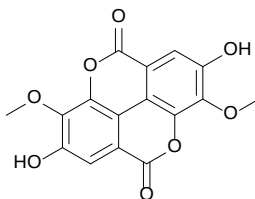
naringenin

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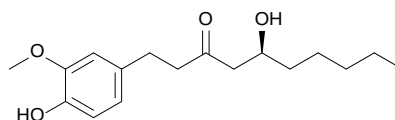
2-(4-O-galloyl-xylopyranosyloxy)-3-methoxy-7,8-dihydroxy-[1]benzopyrano[5,4,3-cde][1]benzopyra-5,10-dione

82



3,3'-di-O-methylellagic acid

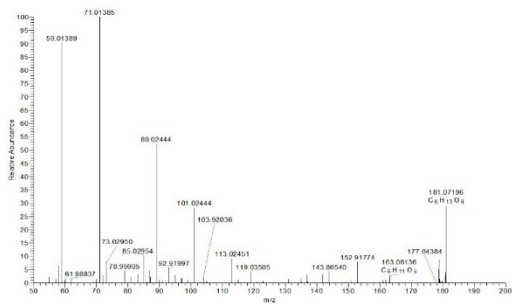
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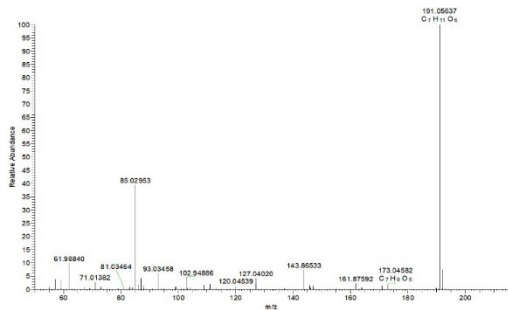
6-gingerol

Supplementary Figure 3. MS² spectra of constituents identified in TB-TF.

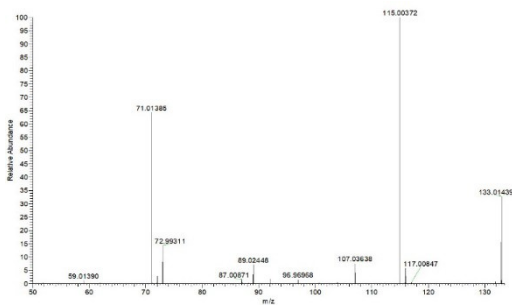
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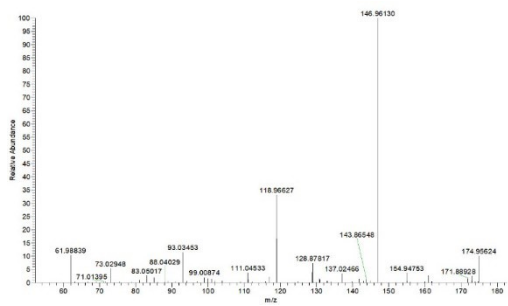
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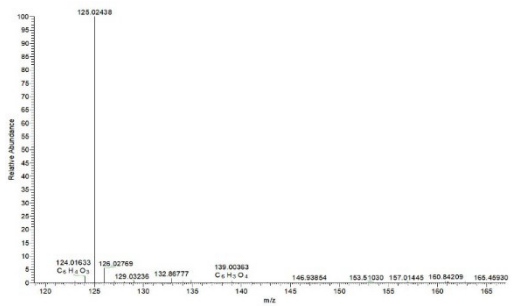
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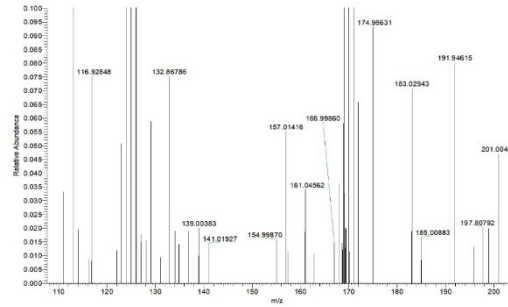
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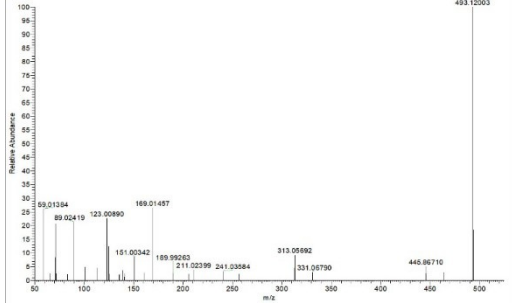
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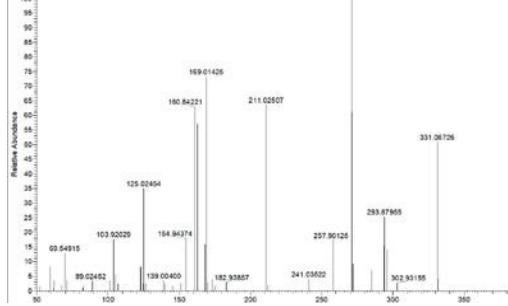
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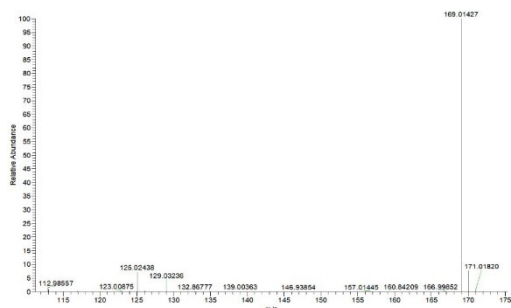
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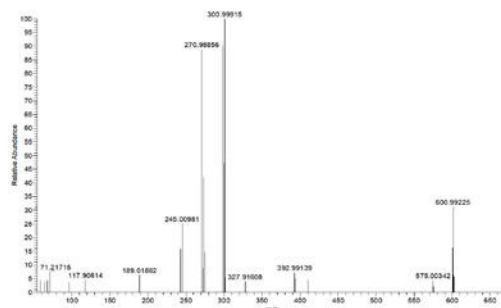
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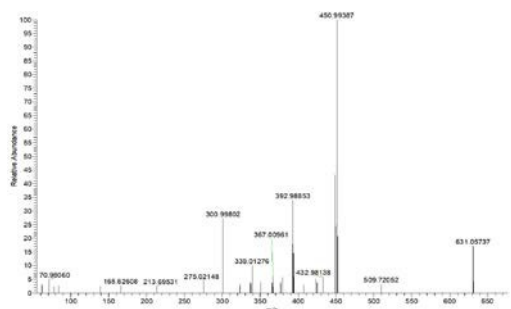
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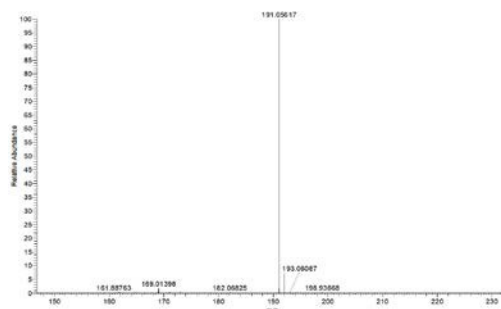
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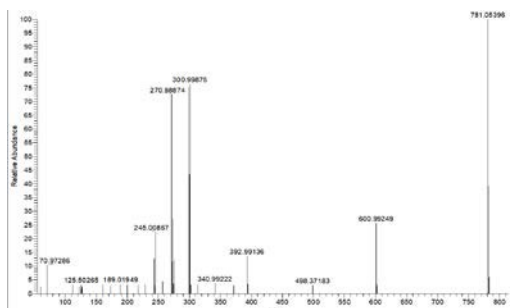
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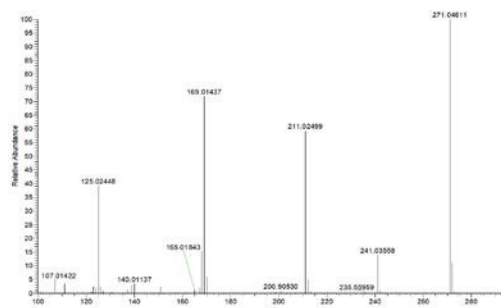
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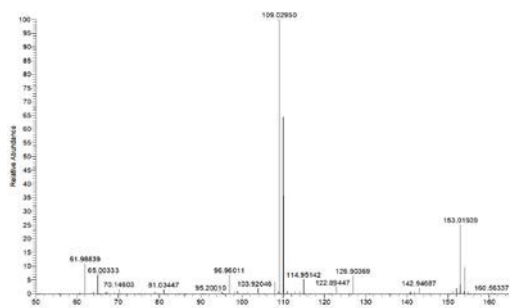
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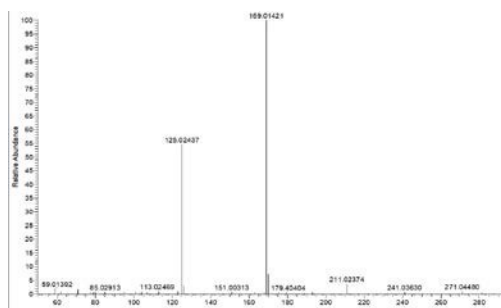
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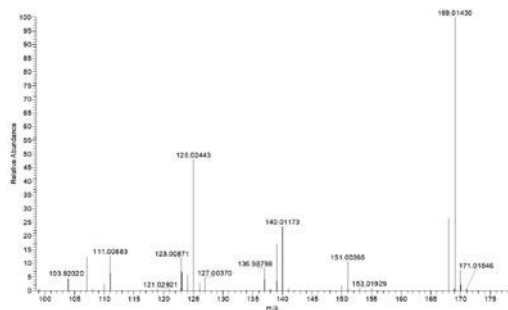
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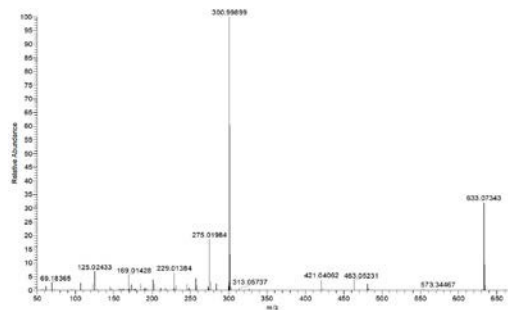
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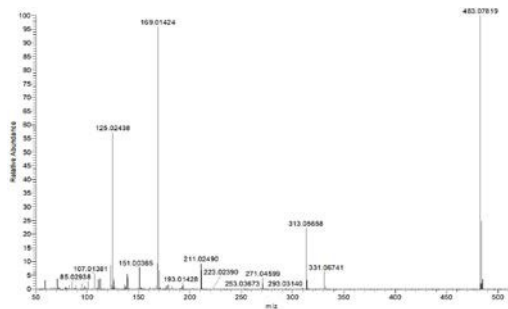
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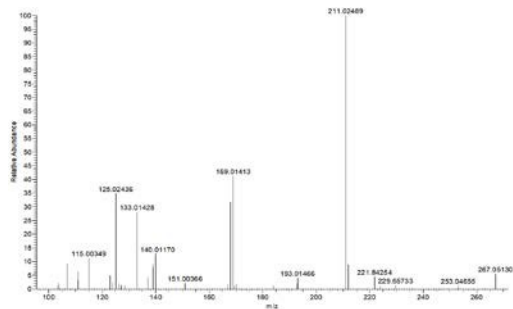
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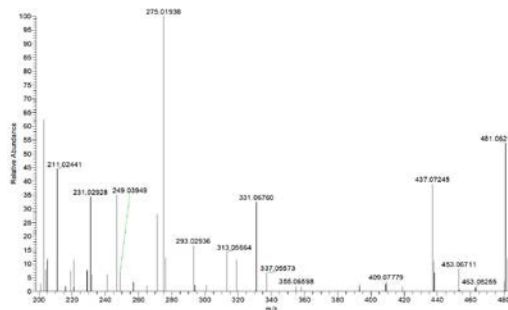
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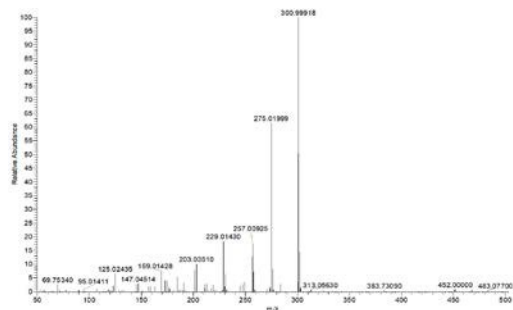
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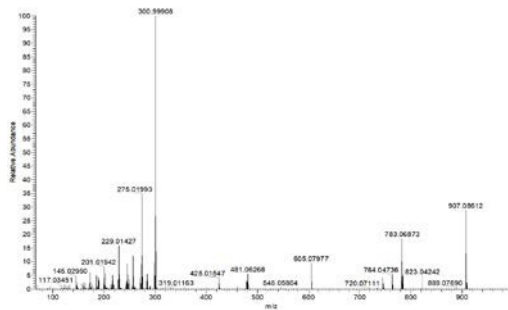
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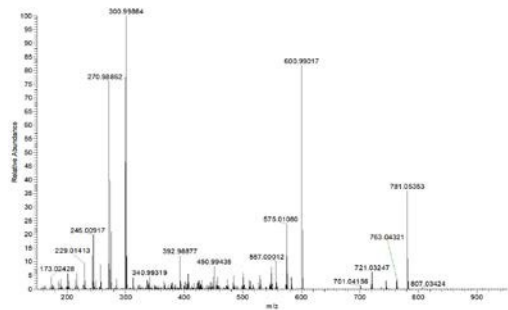
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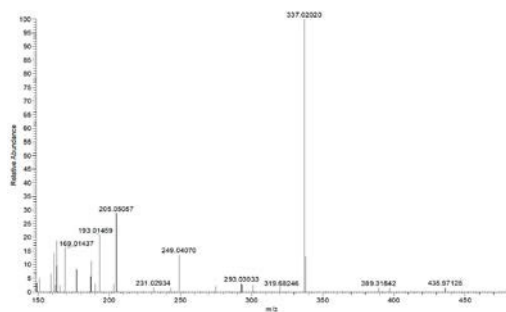
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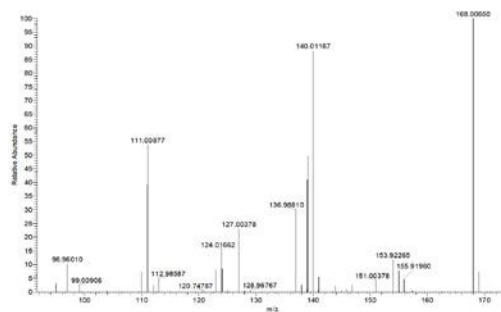
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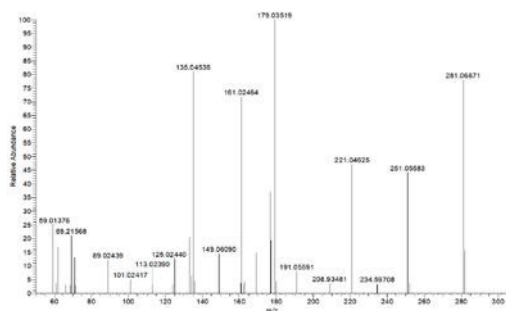
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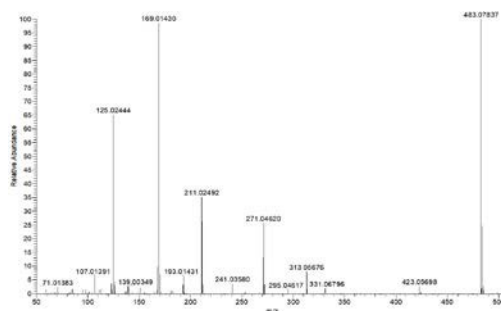
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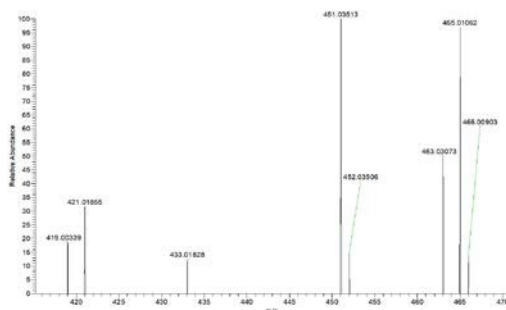
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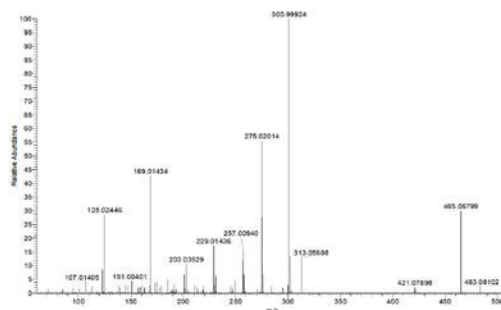
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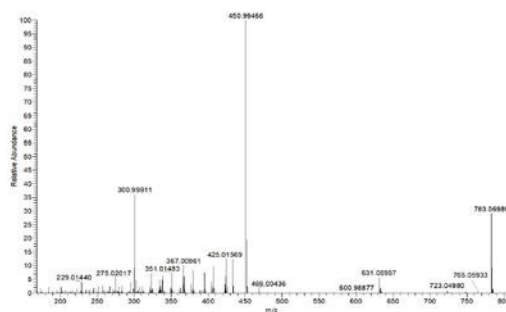
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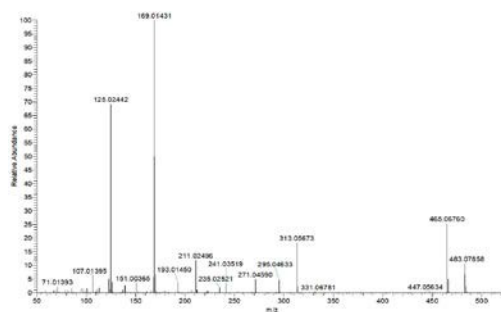
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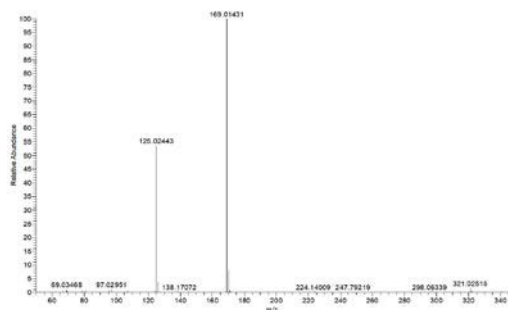
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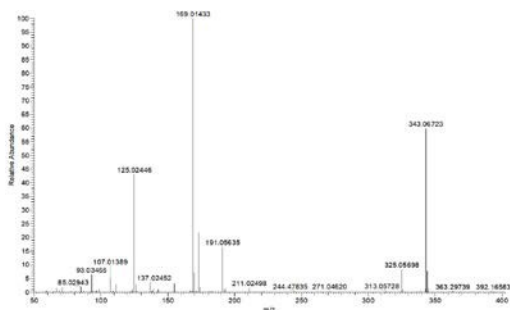
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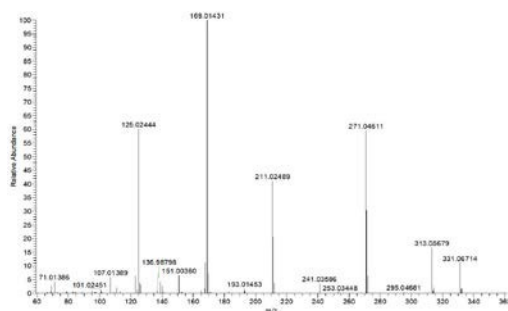
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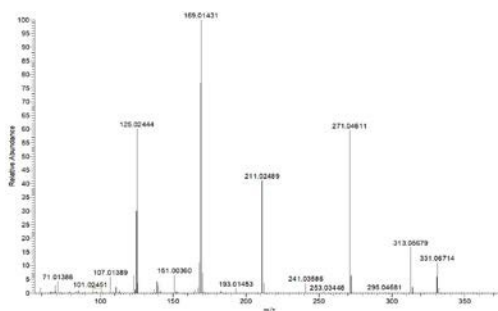
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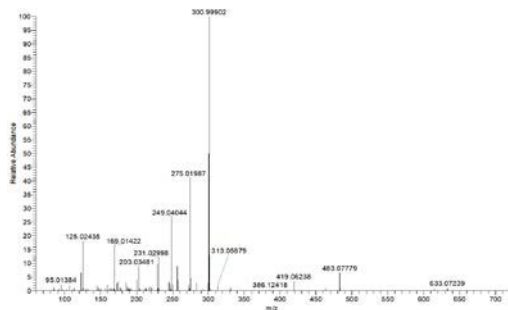
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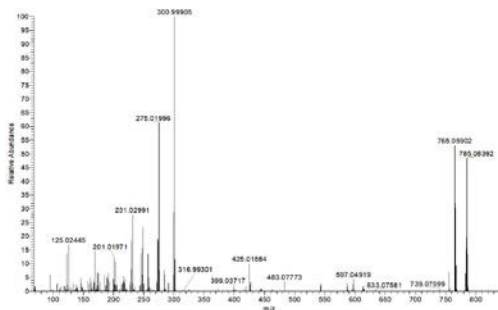
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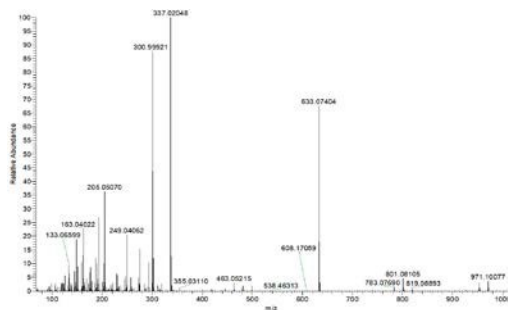
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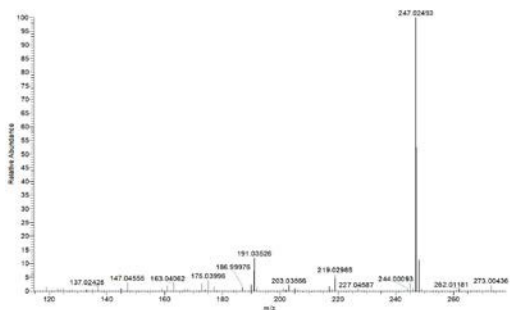
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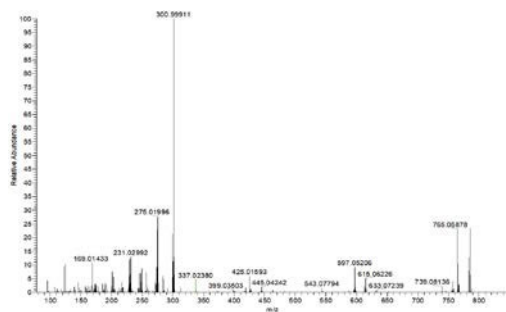
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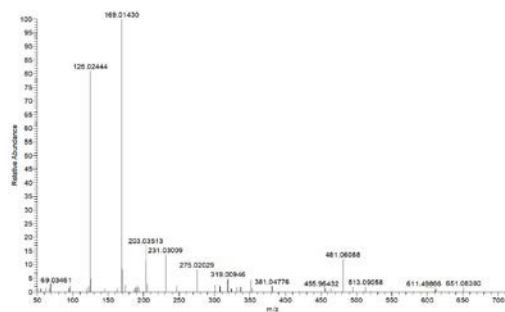
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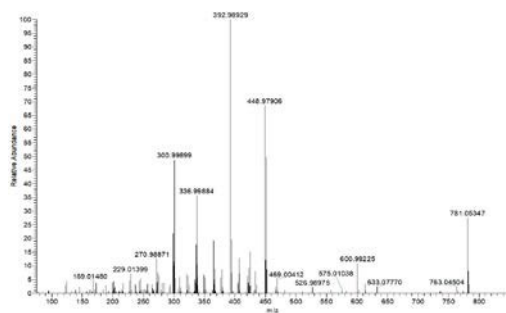
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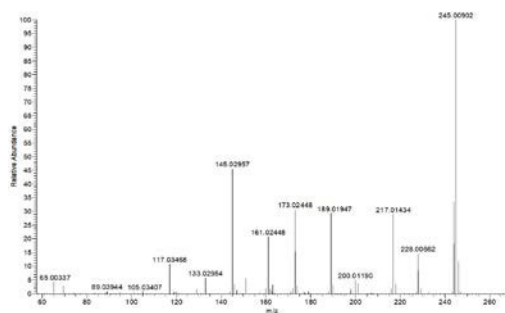
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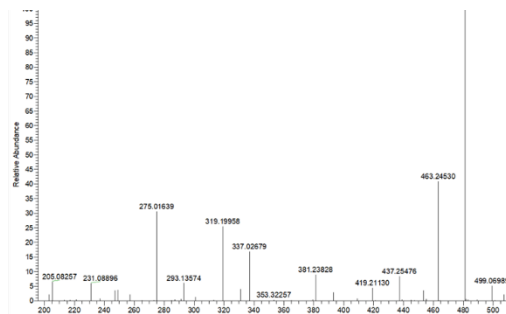
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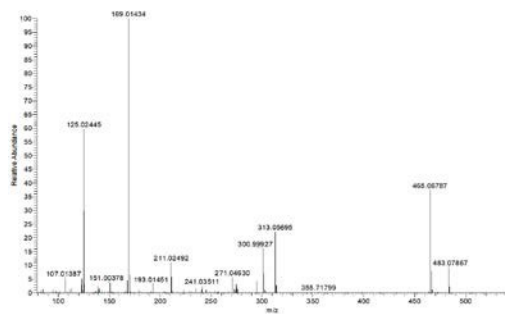
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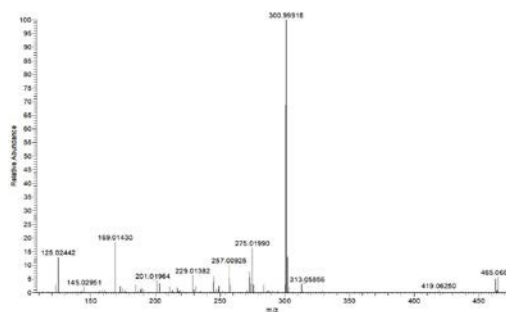
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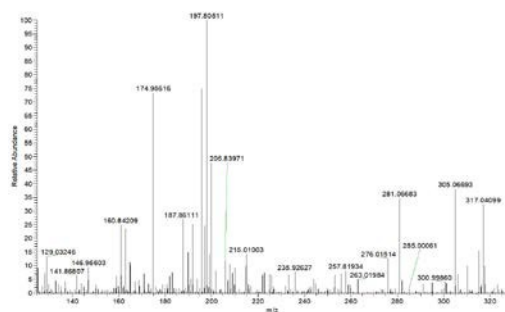
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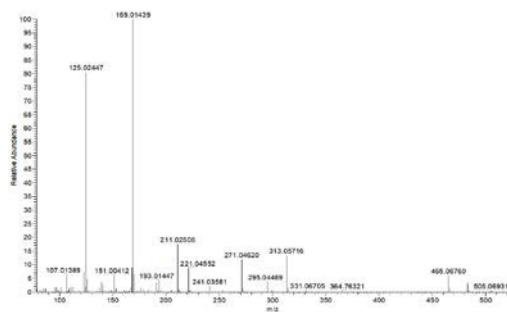
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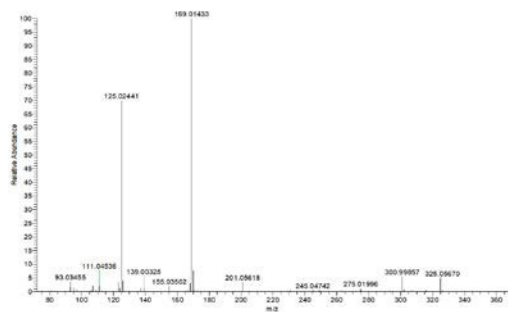
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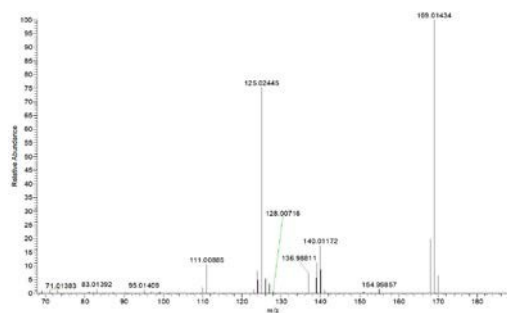
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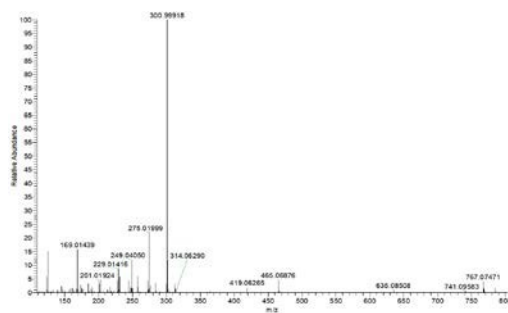
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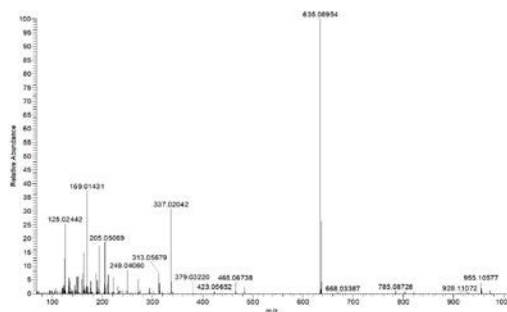
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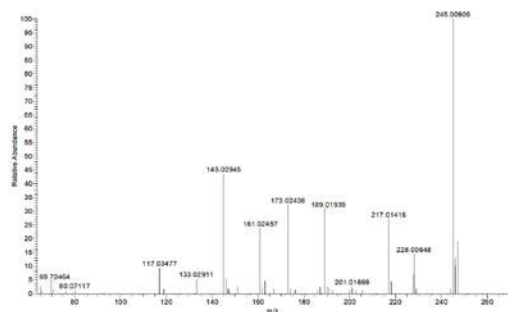
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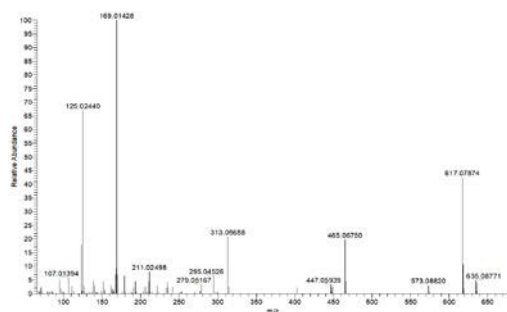
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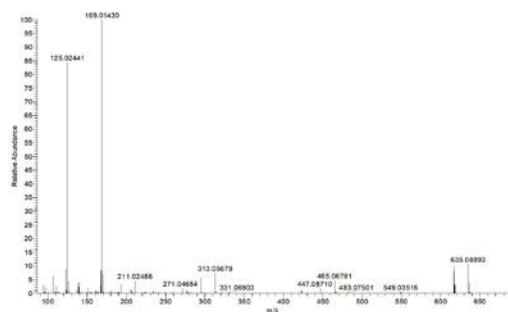
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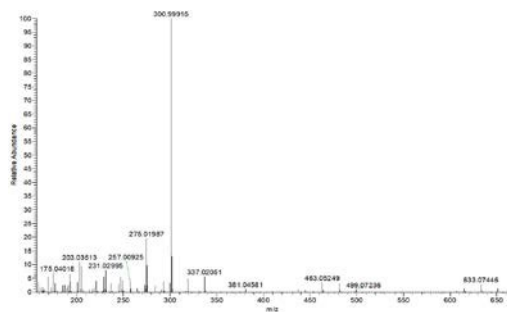
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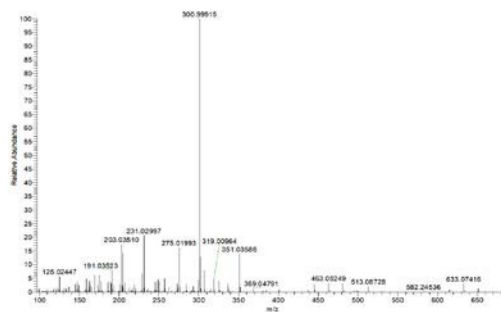
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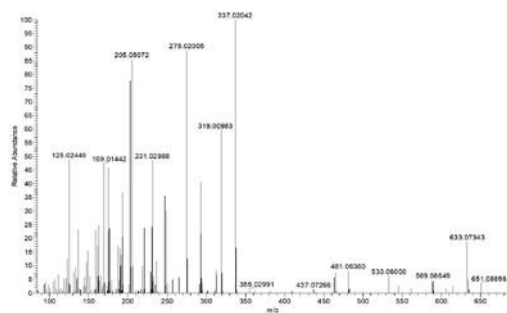
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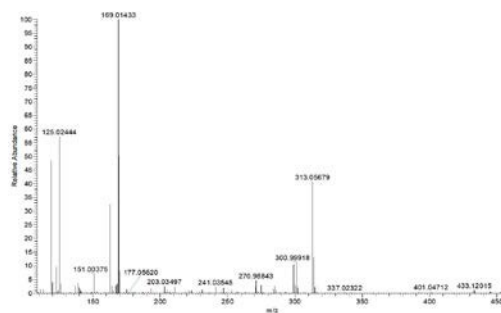
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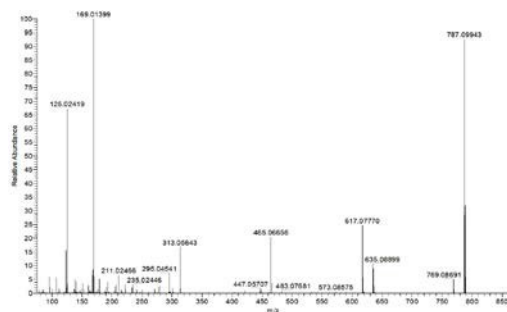
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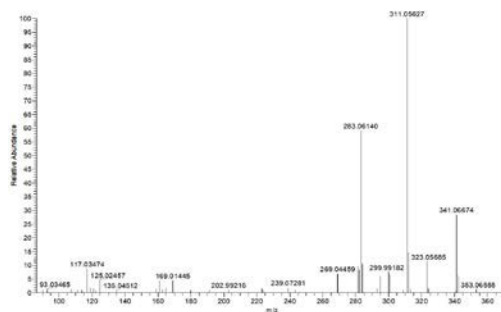
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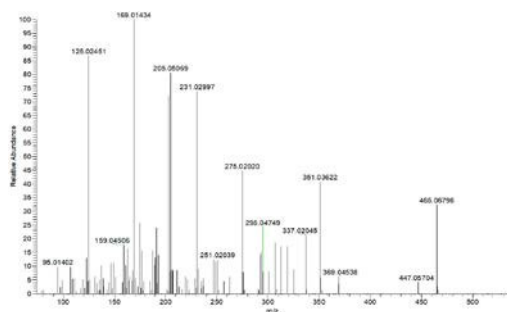
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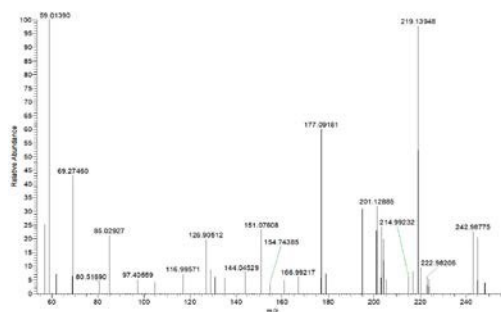
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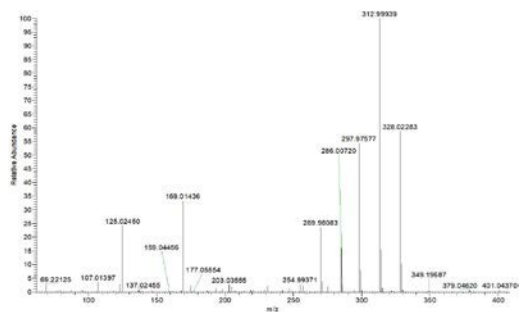
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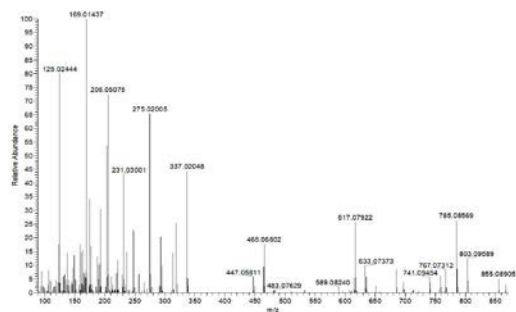
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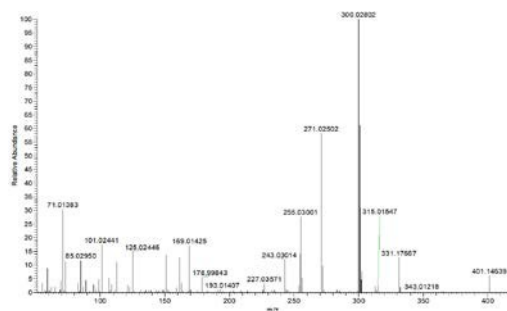
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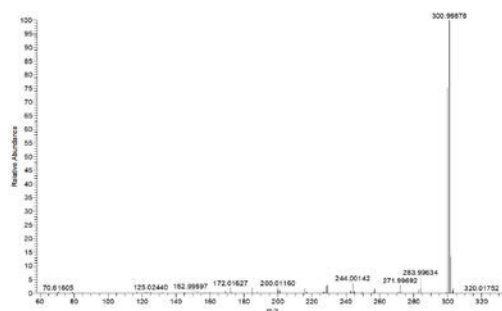
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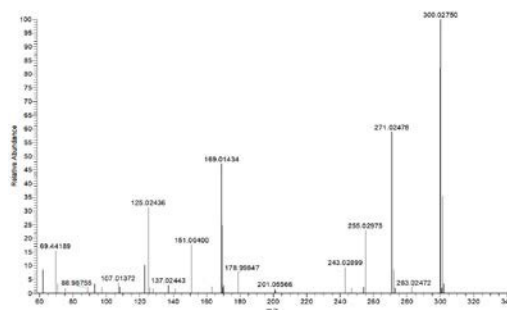
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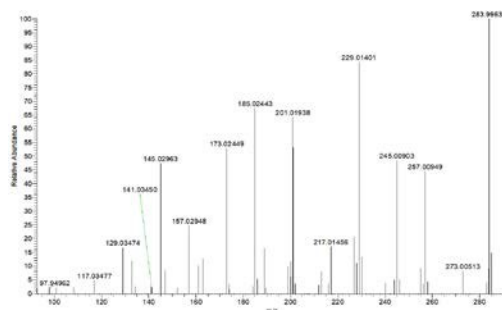
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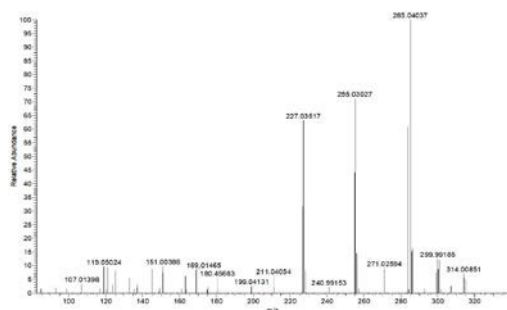
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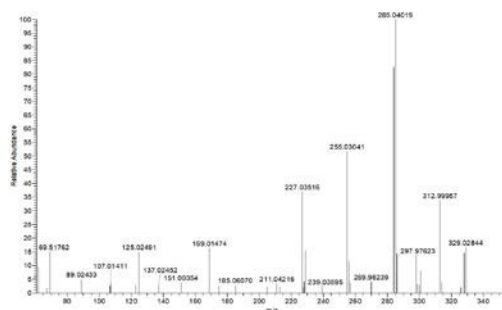
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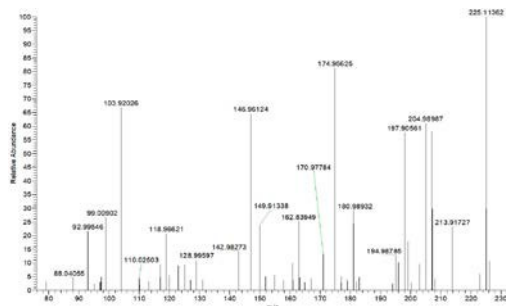
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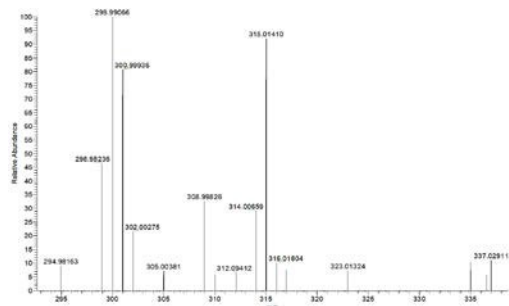
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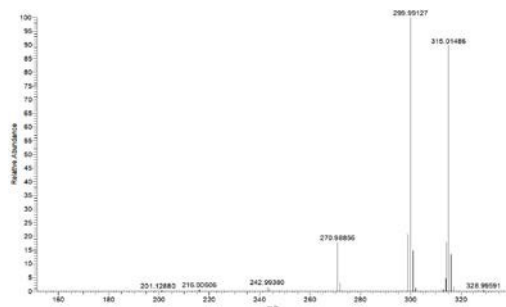
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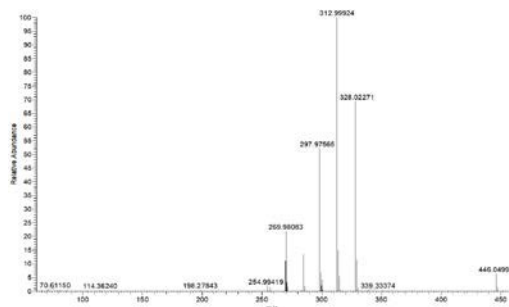
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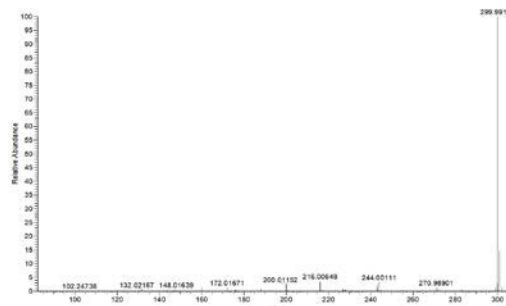
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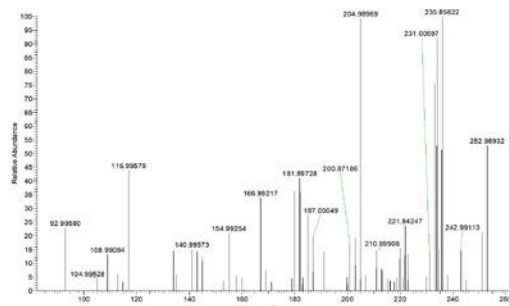
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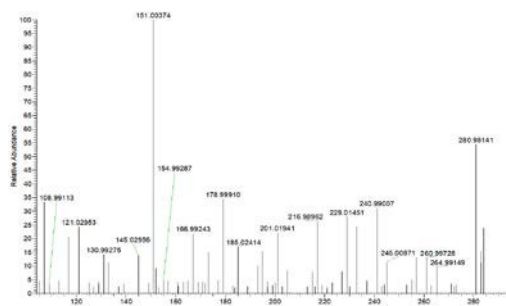
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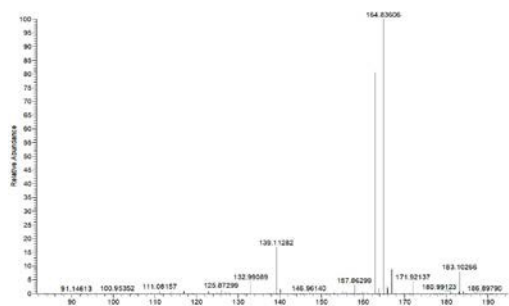
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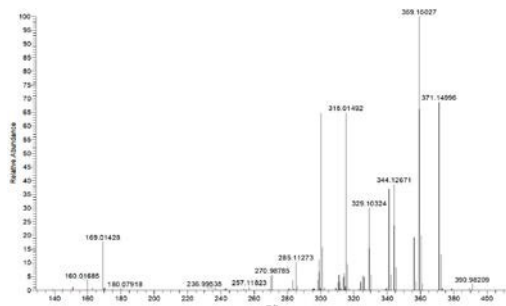
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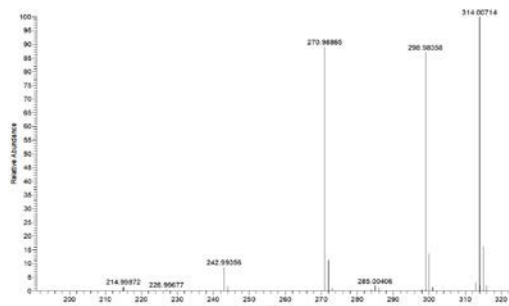
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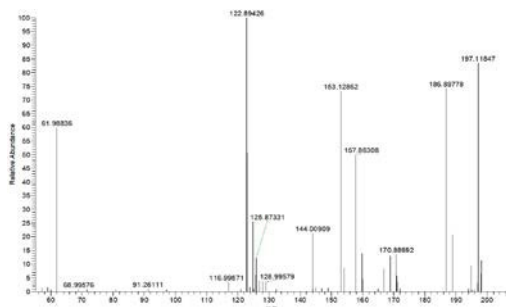
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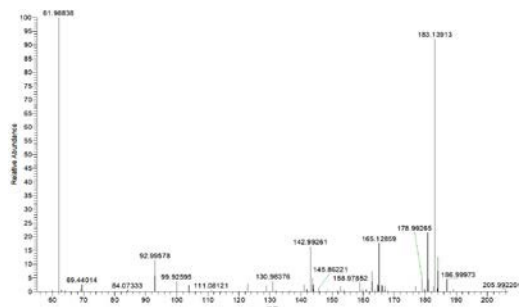
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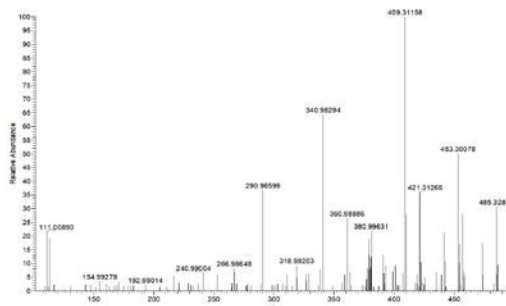
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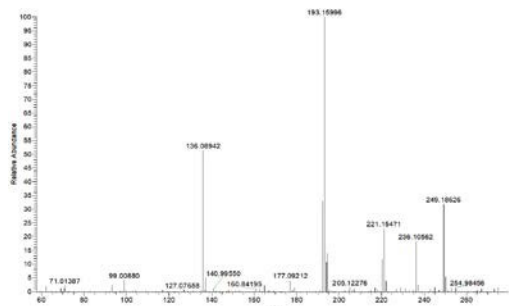
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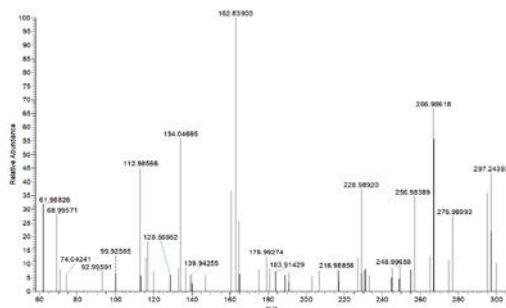
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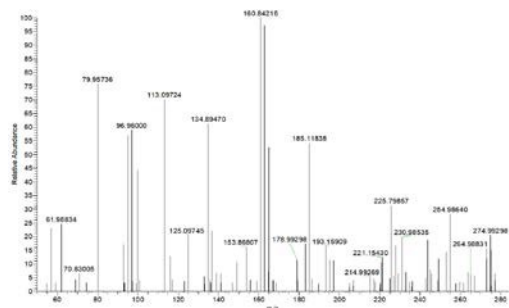
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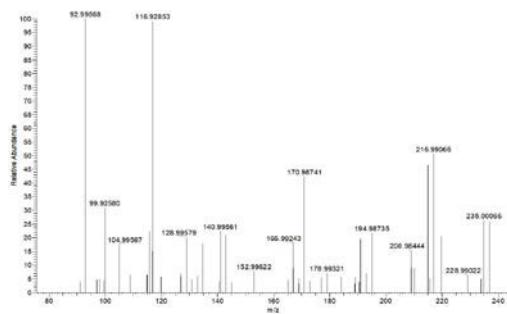
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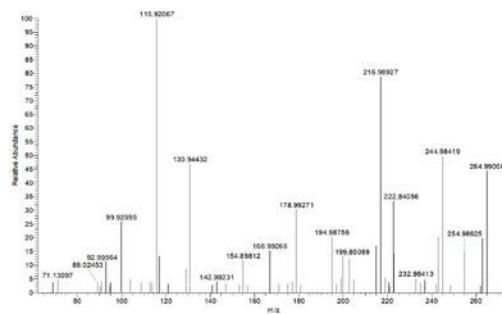
88



89



90



Supplementary Figure 4. (A) HPLC chromatograph of reference standards (a: gallic acid; b: corilagin; c: ellagic acid). **(B)** HPLC chromatograph of TB-TF.

