

## Supporting Information

### Regioselective and diastereoselective iodocyclization reaction of alkene-thioureas: an efficient approach to bicyclic $\beta$ -lactams

Dinesh R. Garud<sup>a,†,\*</sup>, Amol D. Sonawane<sup>b</sup>, Jyoti B. Auti<sup>a,†</sup>, Vinod R. Ranpise<sup>a,†</sup>, Navnath D. Rode<sup>b</sup>,  
Rohini R. Joshi<sup>b</sup>, Ramesh A. Joshi<sup>b</sup>

<sup>a</sup> Department of Chemistry, Sir Parashurambhau College, Sadashiv Peth, Tilak Road, Pune 411030, India

<sup>b</sup> Division of Organic Chemistry, National Chemical Laboratory, Pune 411008, India

<sup>†</sup> Affiliated to Savitribai Phule Pune University (formerly University of Pune).

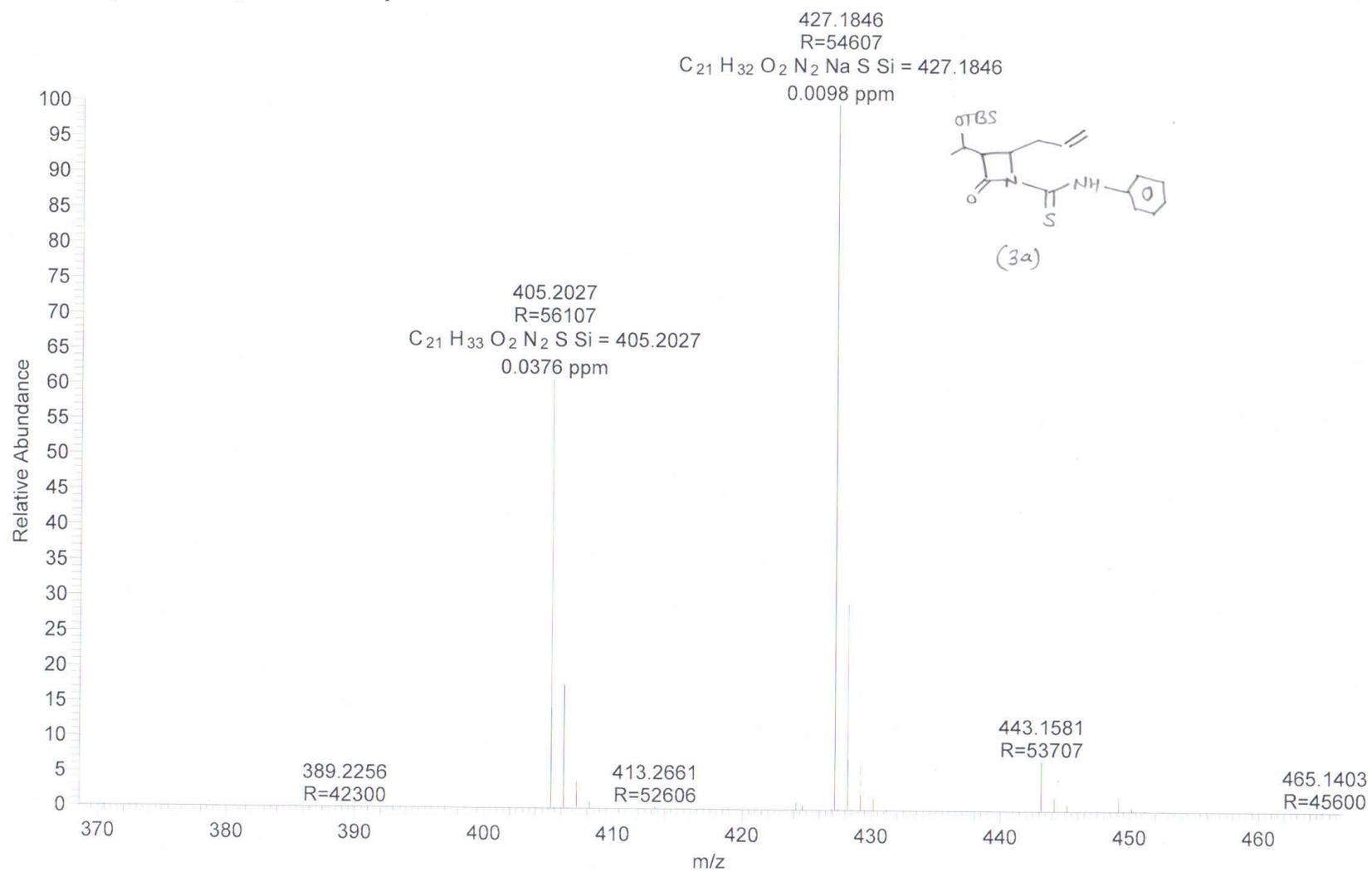
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1	HRMS spectra of compounds <b>3a-m</b> , <b>4a-m</b> and <b>5</b>	2-27

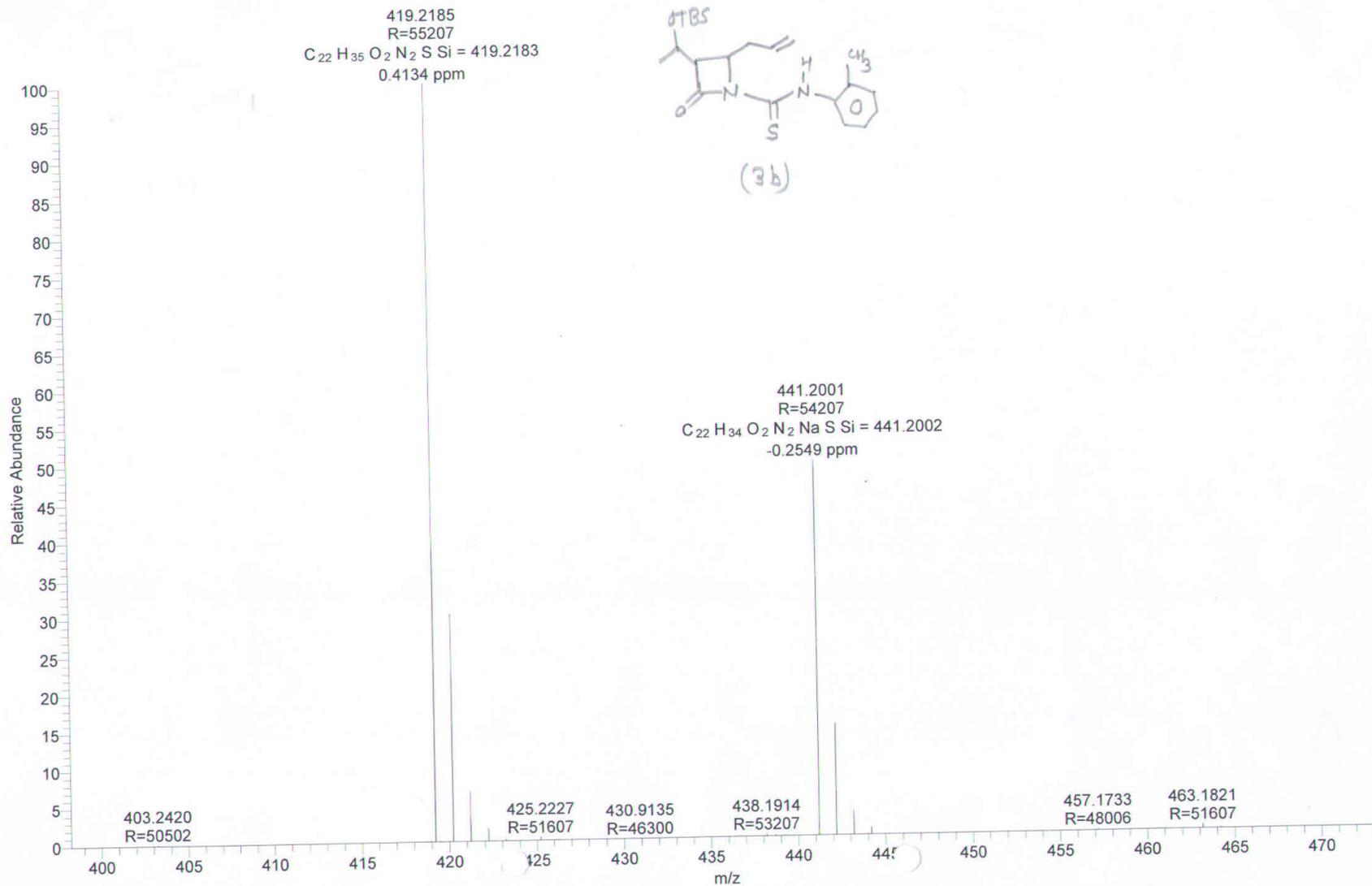
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\* Corresponding author (DRG). Tel.: +91-9689647768; fax: +91-20-2433-2479; e-mail: ddgarud@gmail.com

3A\_150911130400 #245 RT: 1.09 AV: 1 NL: 2.93E9  
T: FTMS + p ESI Full ms [100.00-1500.00]



DRG-5 #268 RT: 1.19 AV: 1 NL: 3.23E9  
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M-ME #281 RT: 1.25 AV: 1 NL: 9.20E9

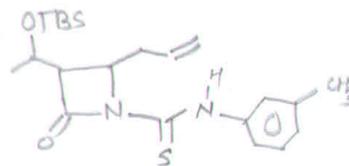
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419.2182

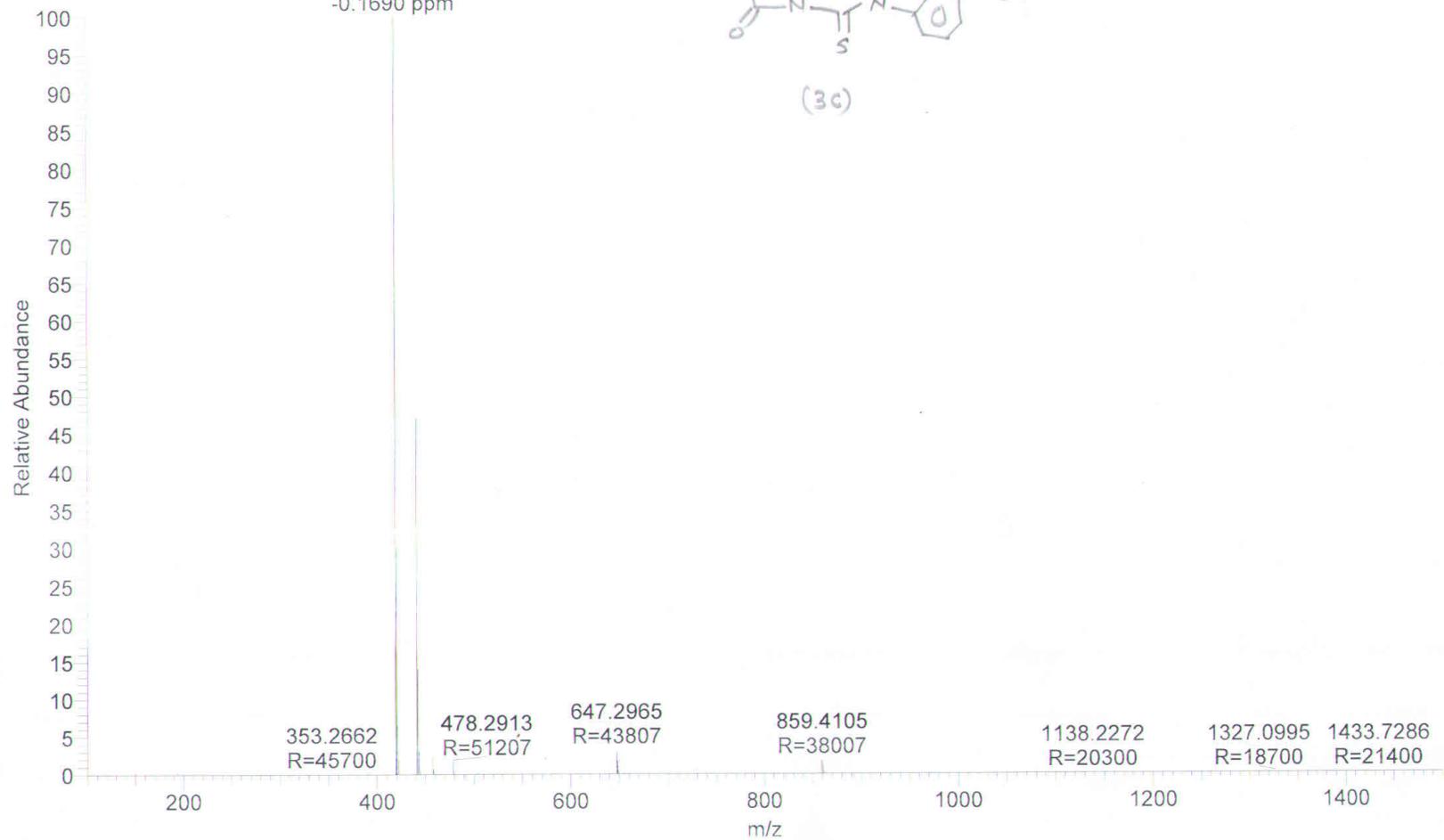
R=55007

C<sub>22</sub> H<sub>35</sub> O<sub>2</sub> N<sub>2</sub> S Si = 419.2183

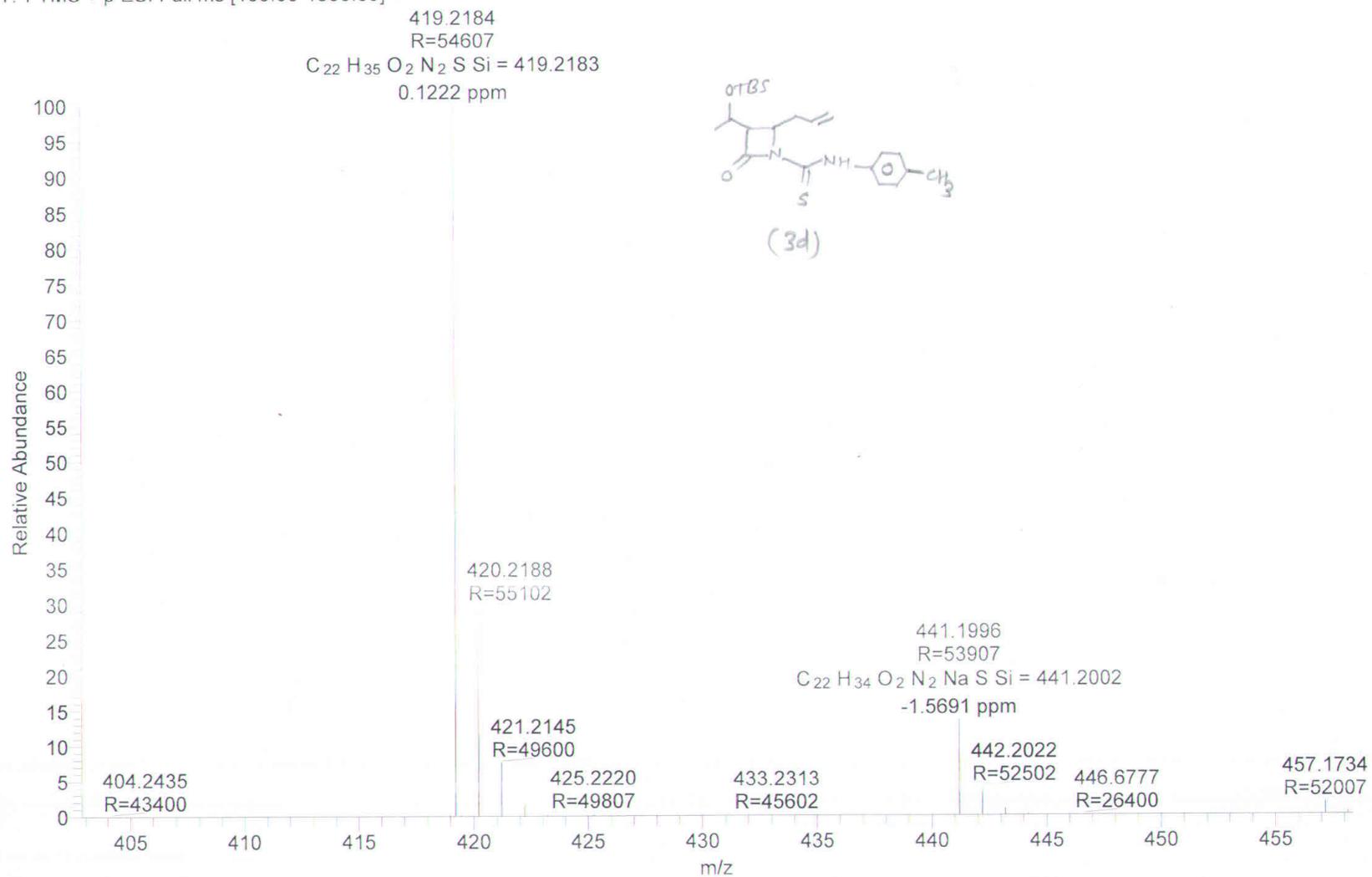
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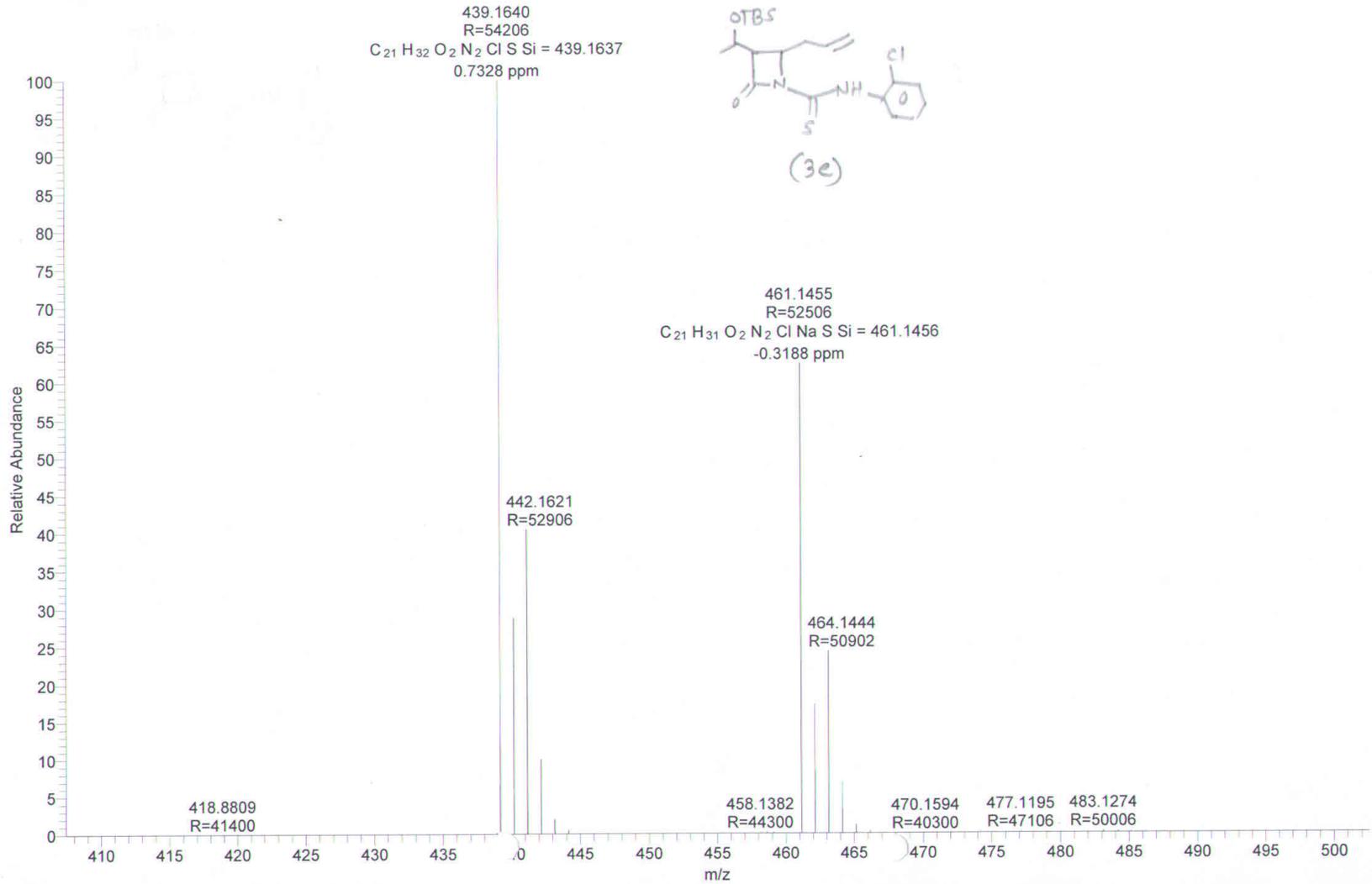
(3c)



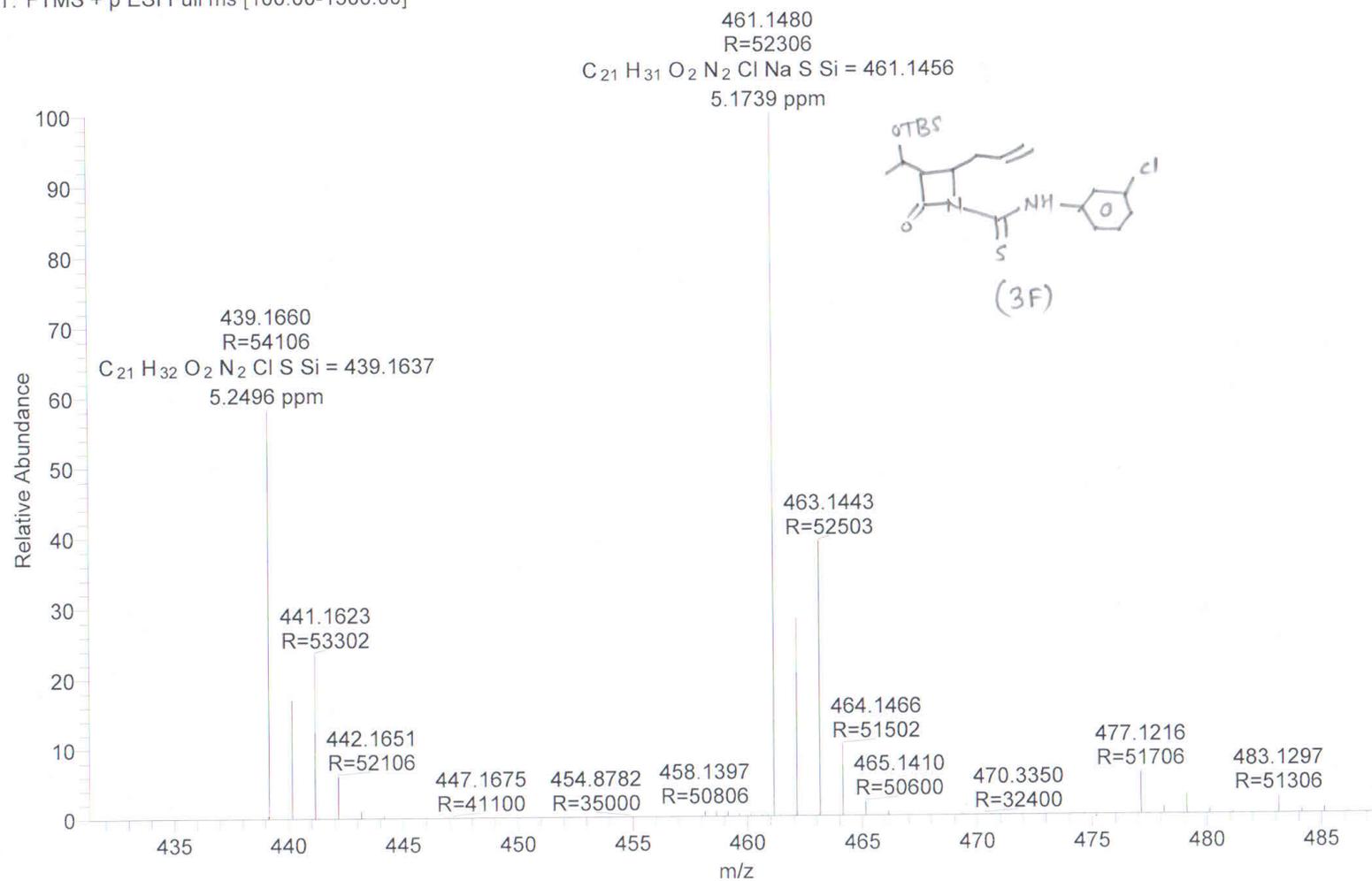
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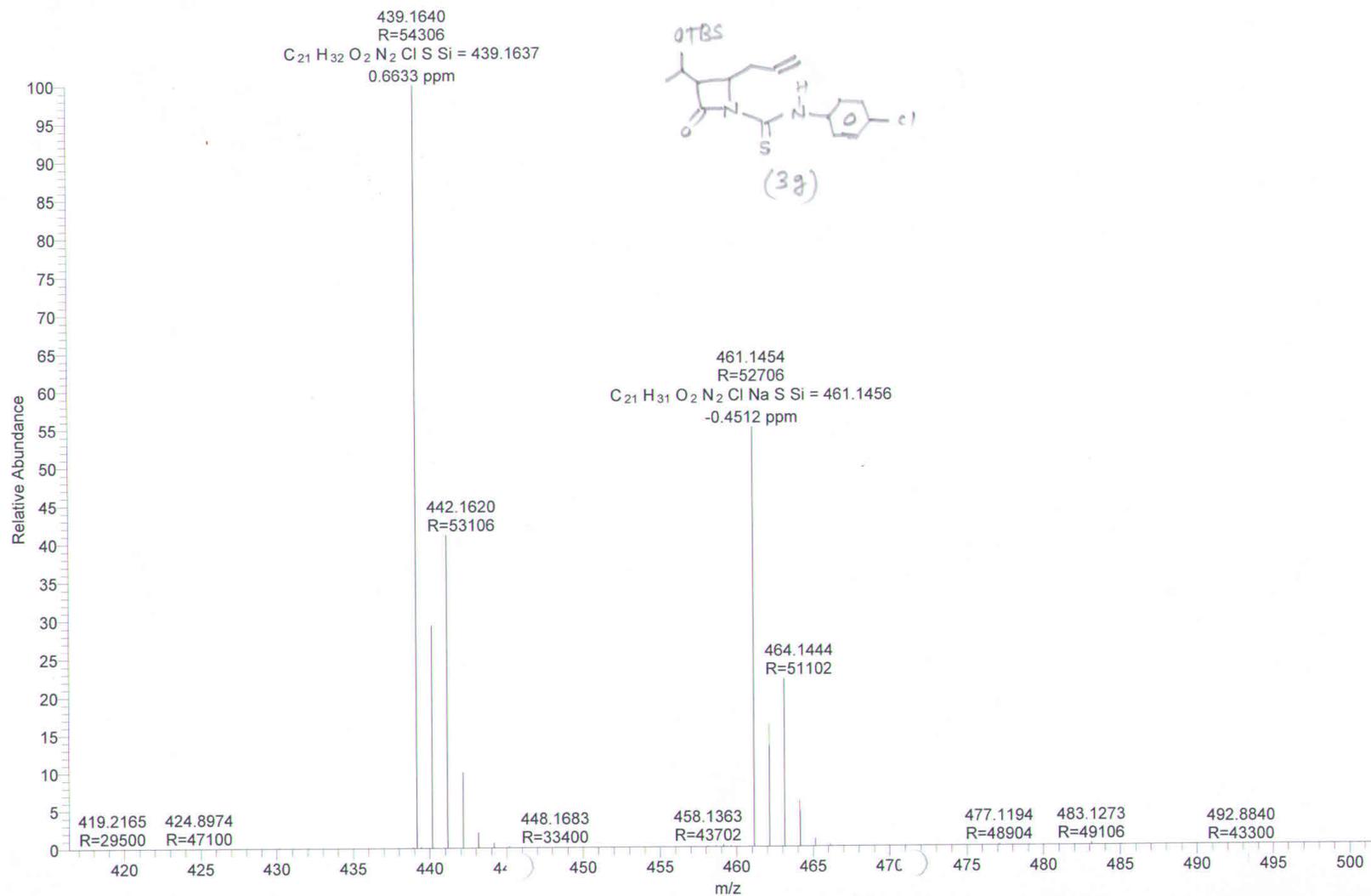
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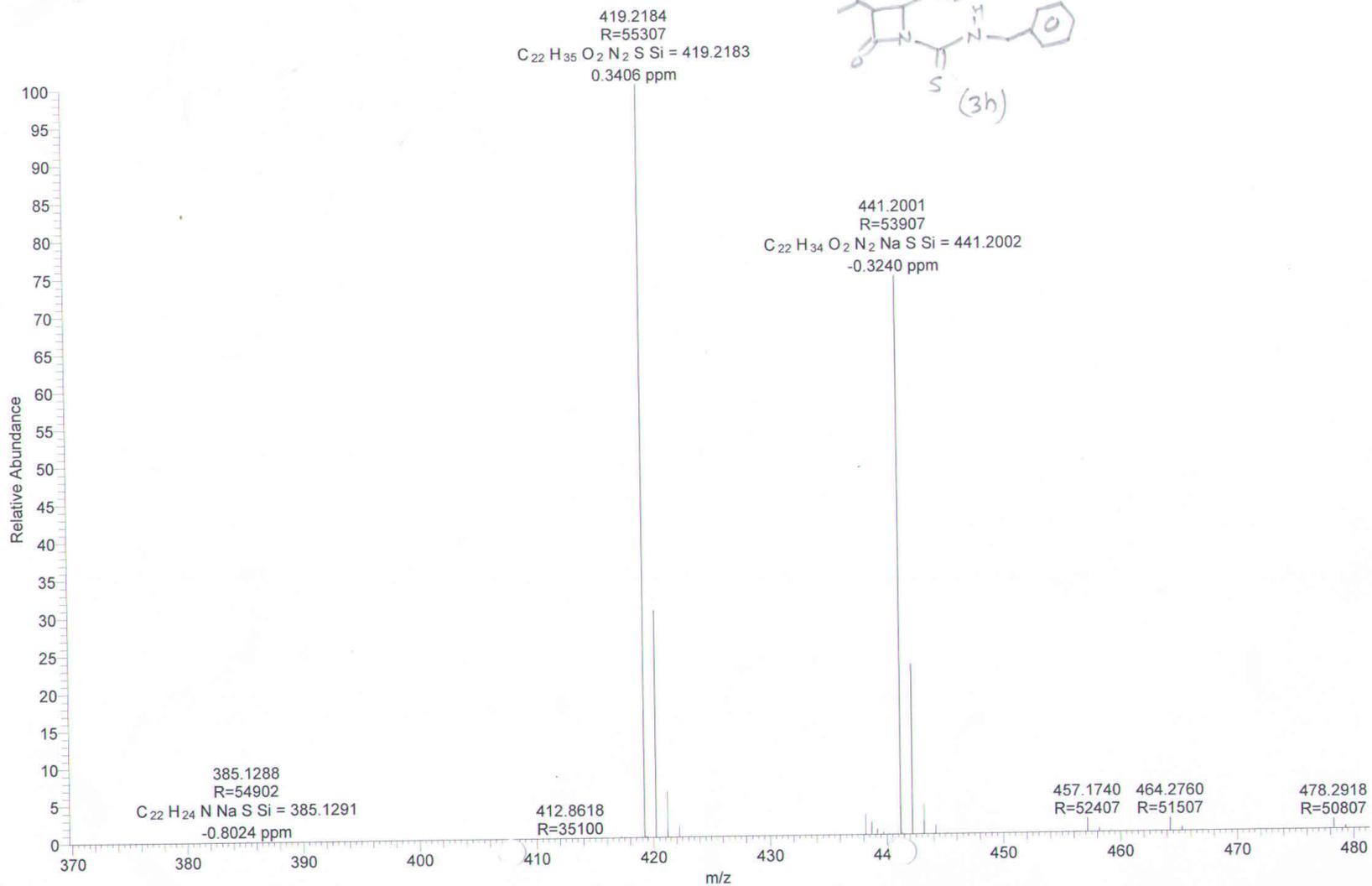
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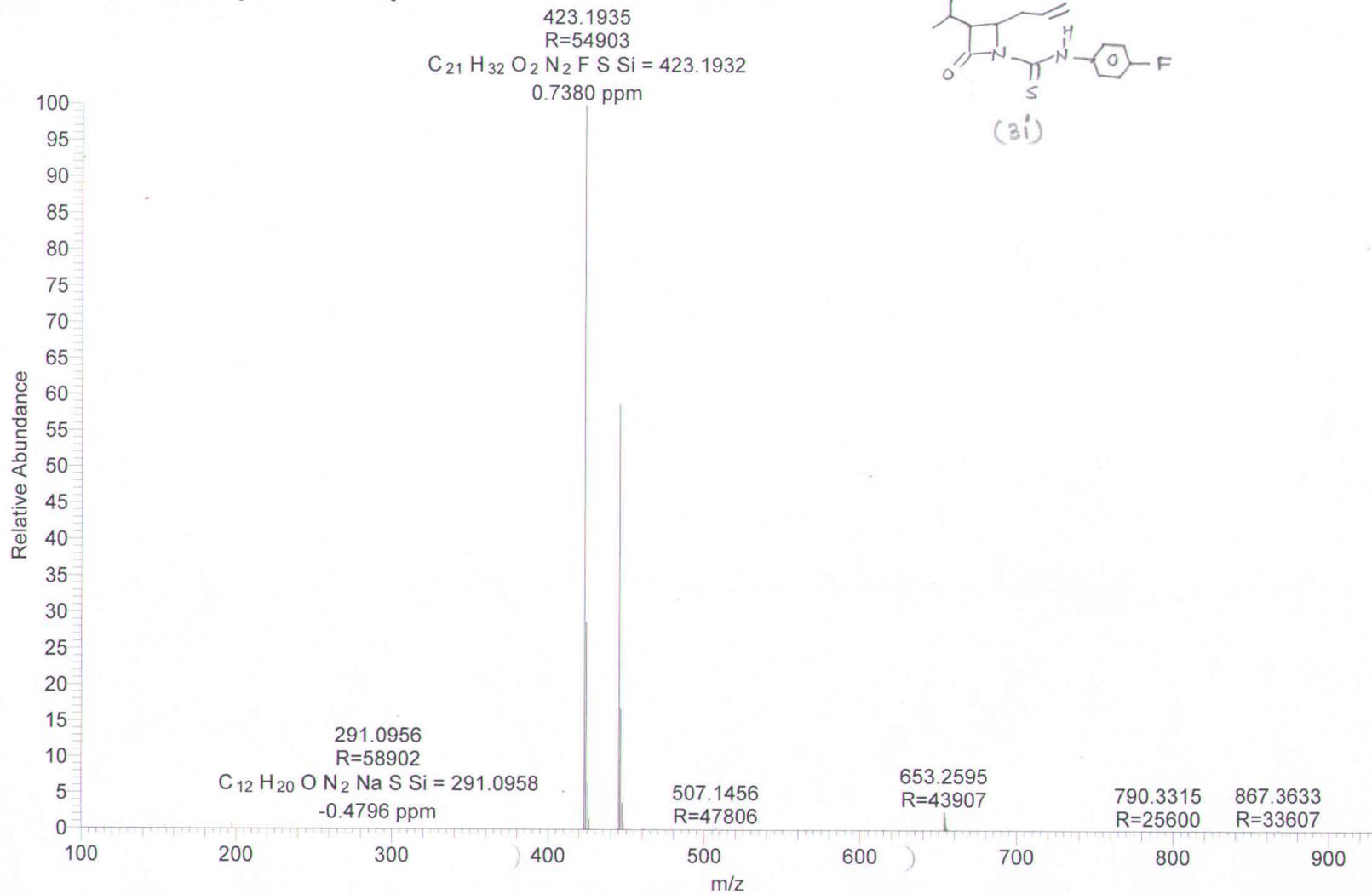
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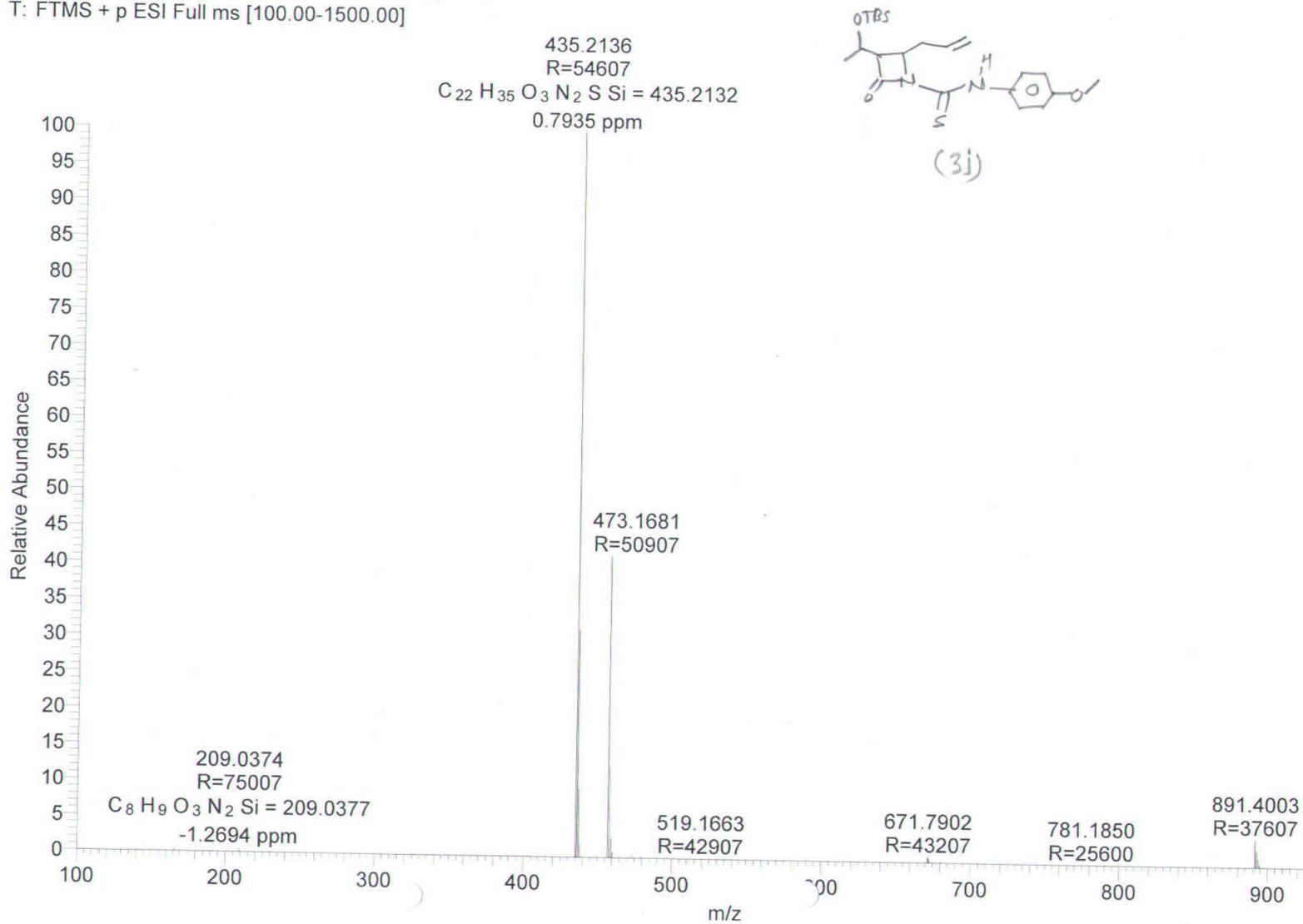
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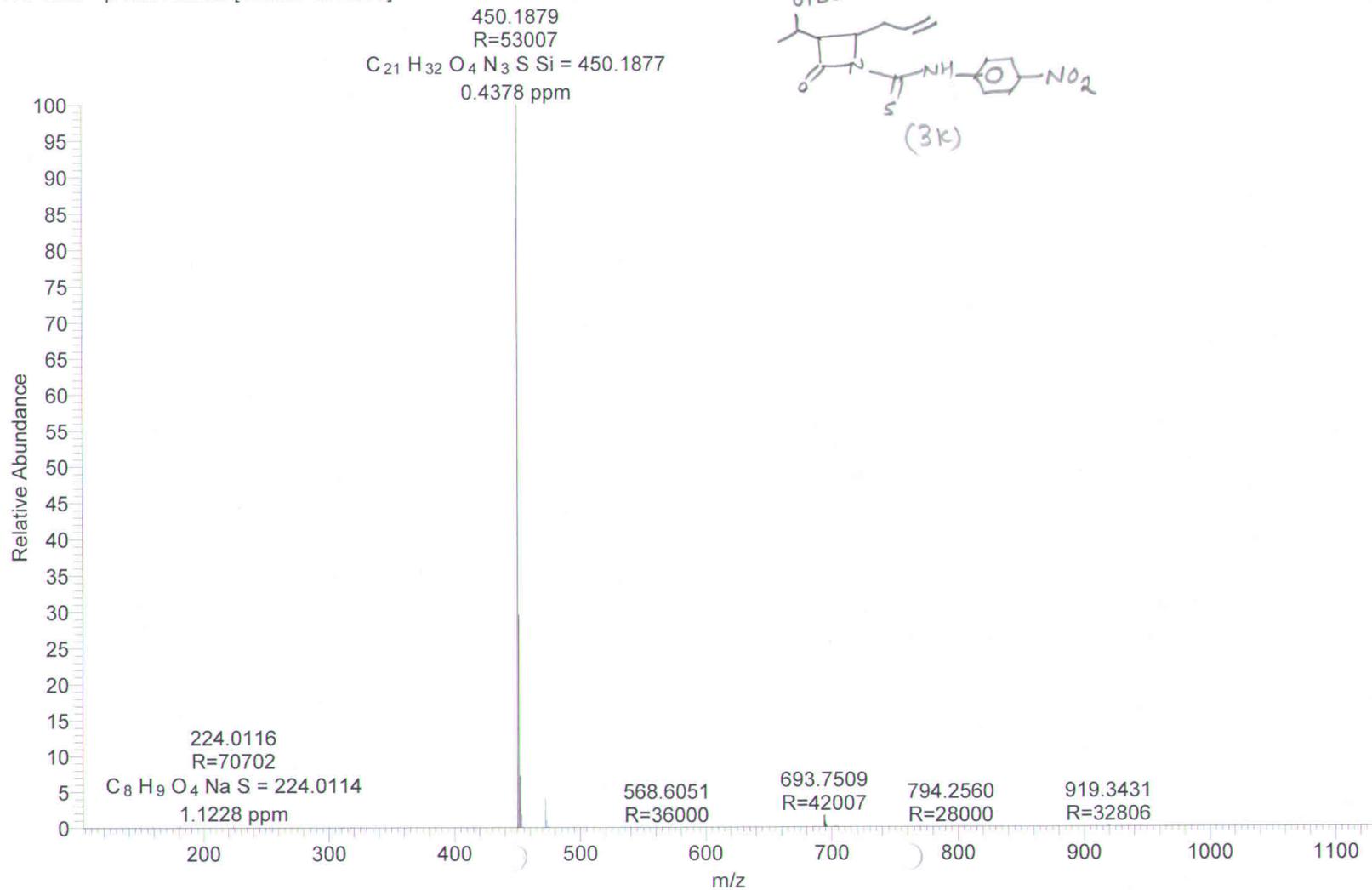
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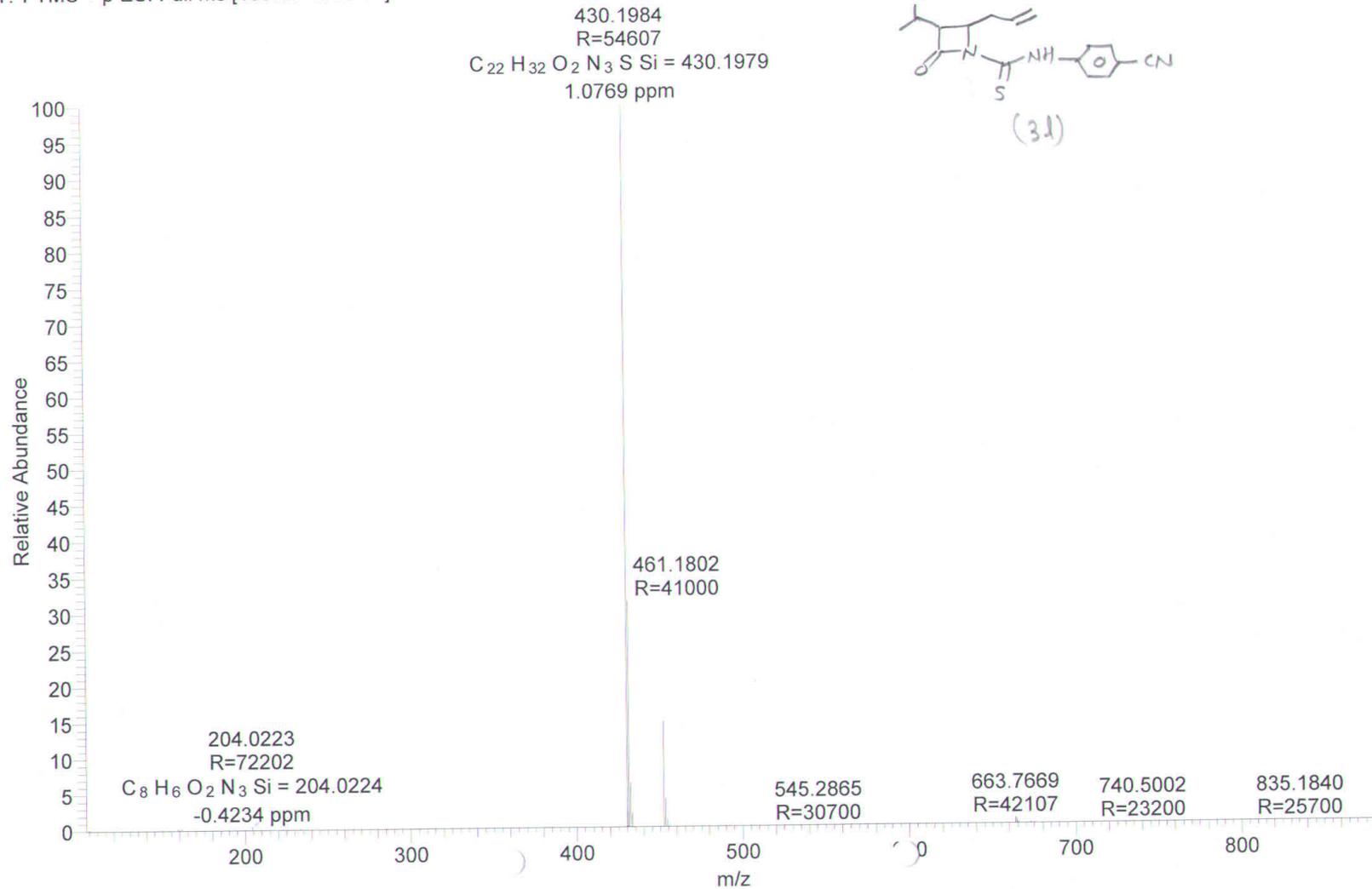
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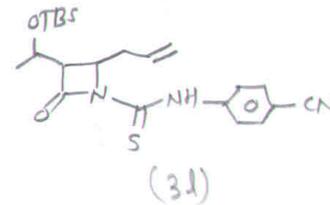
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430.1984  
R=54607  
C<sub>22</sub> H<sub>32</sub> O<sub>2</sub> N<sub>3</sub> S Si = 430.1979  
1.0769 ppm



204.0223  
R=72202  
C<sub>8</sub> H<sub>6</sub> O<sub>2</sub> N<sub>3</sub> Si = 204.0224  
-0.4234 ppm

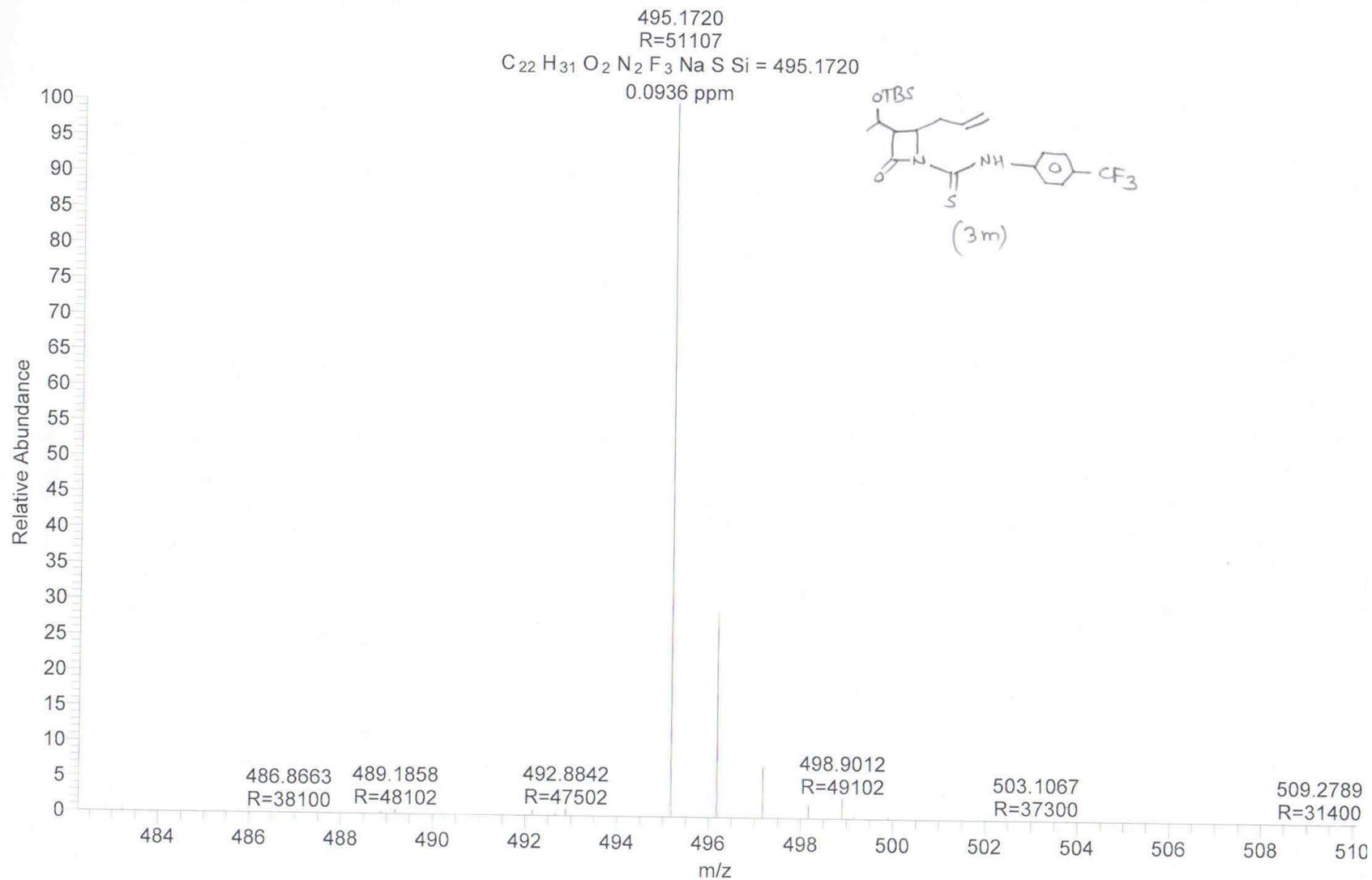
545.2865  
R=30700

663.7669  
R=42107

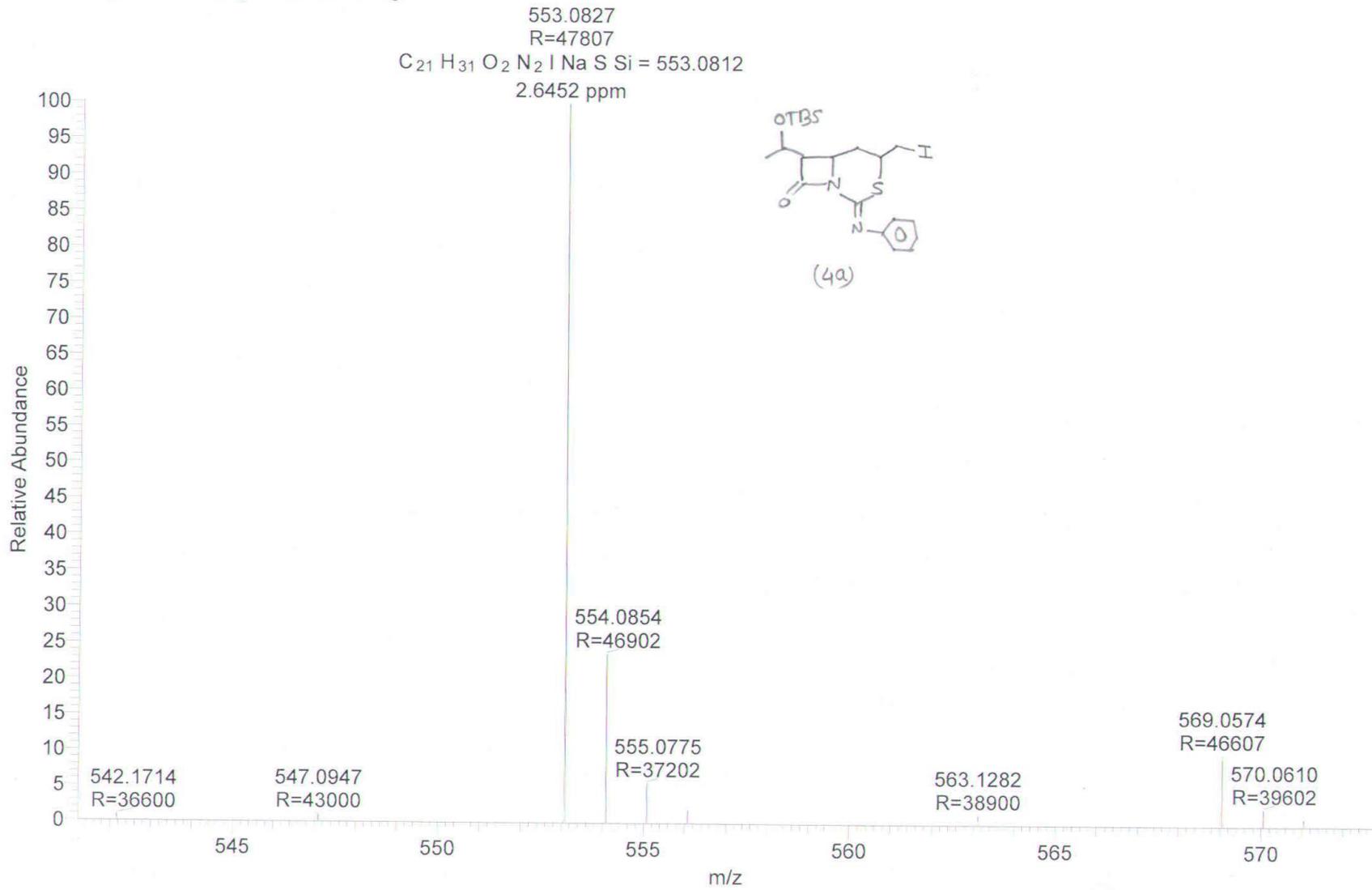
740.5002  
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835.1840  
R=25700

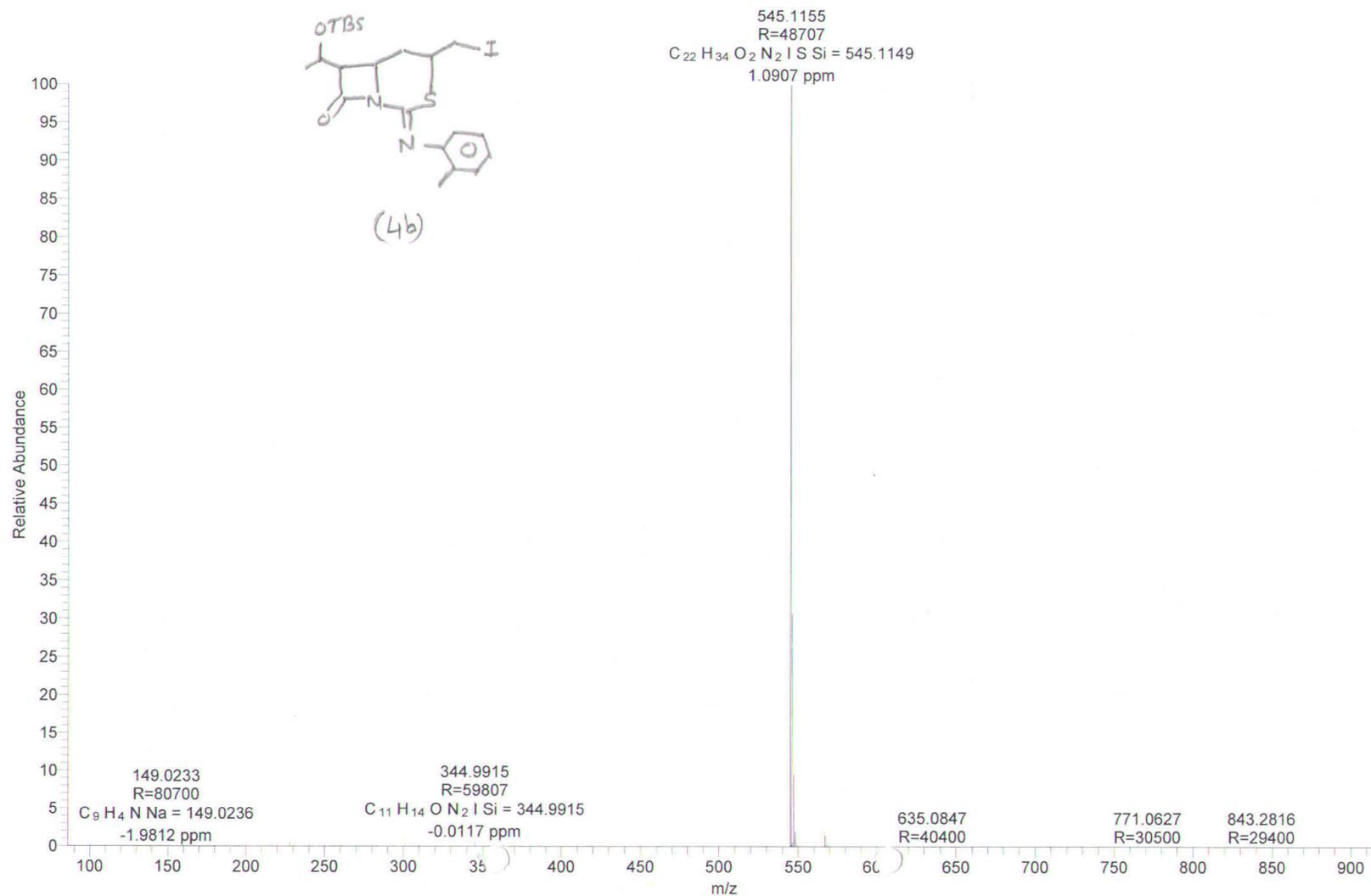
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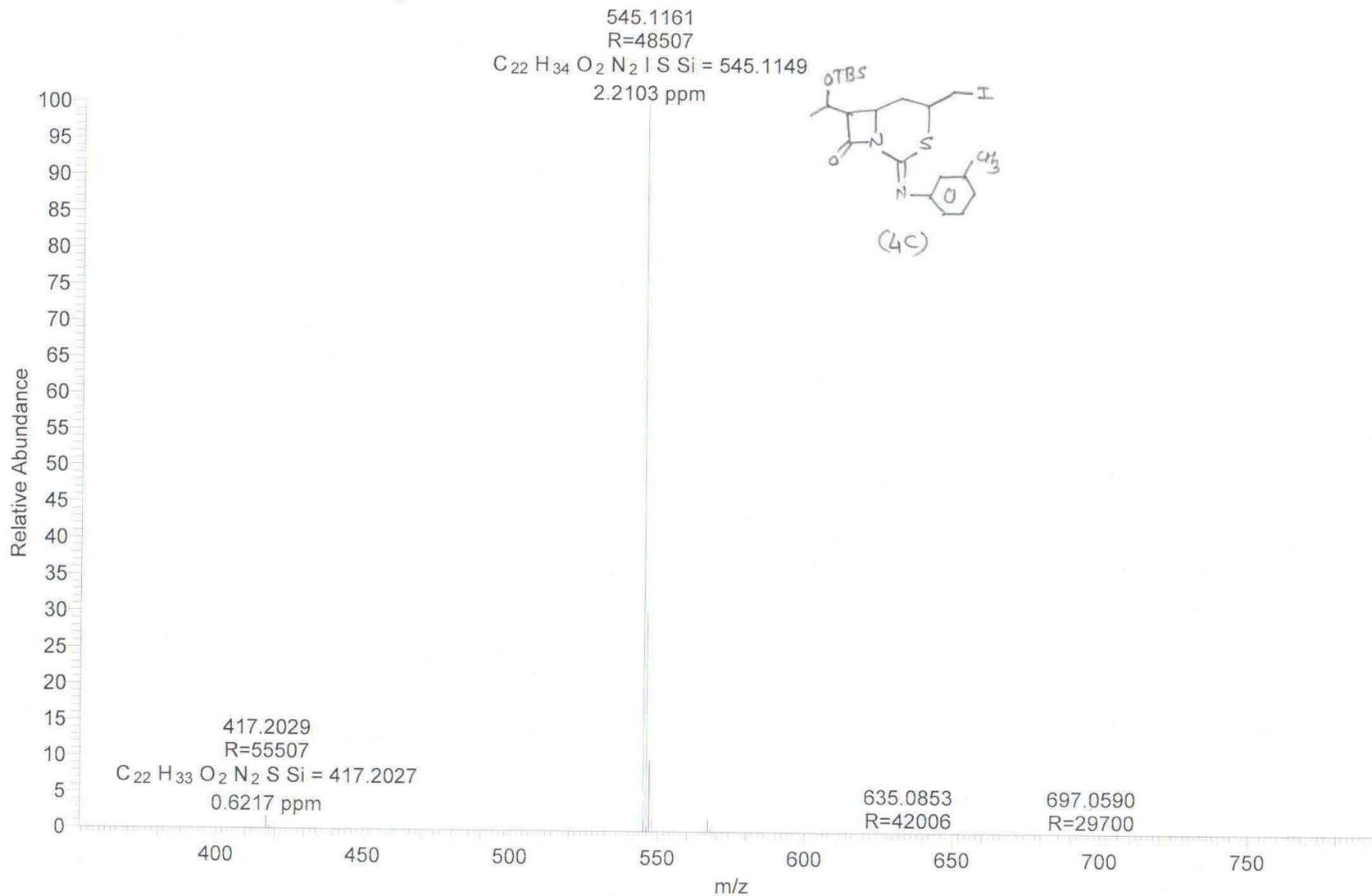
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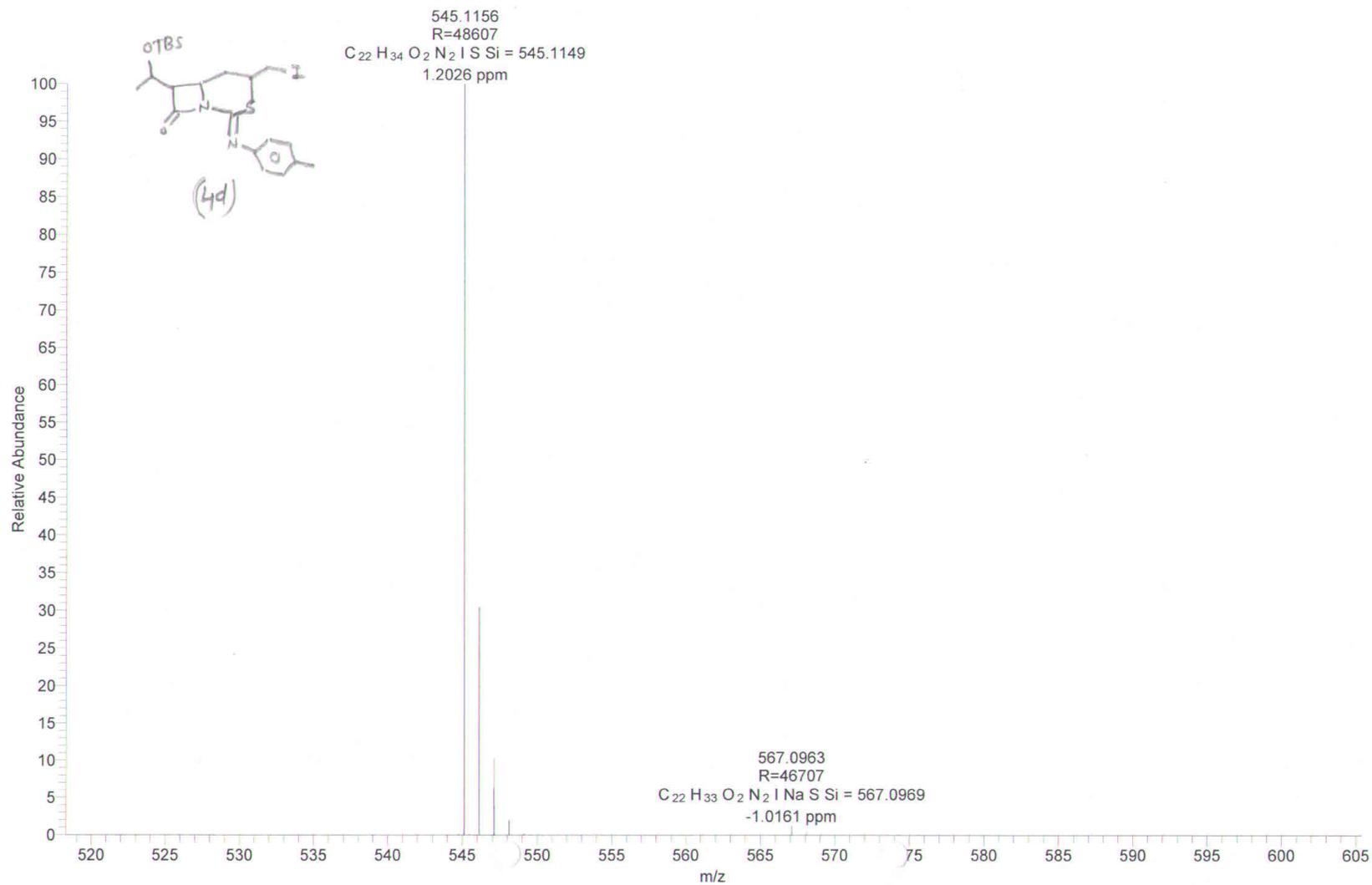
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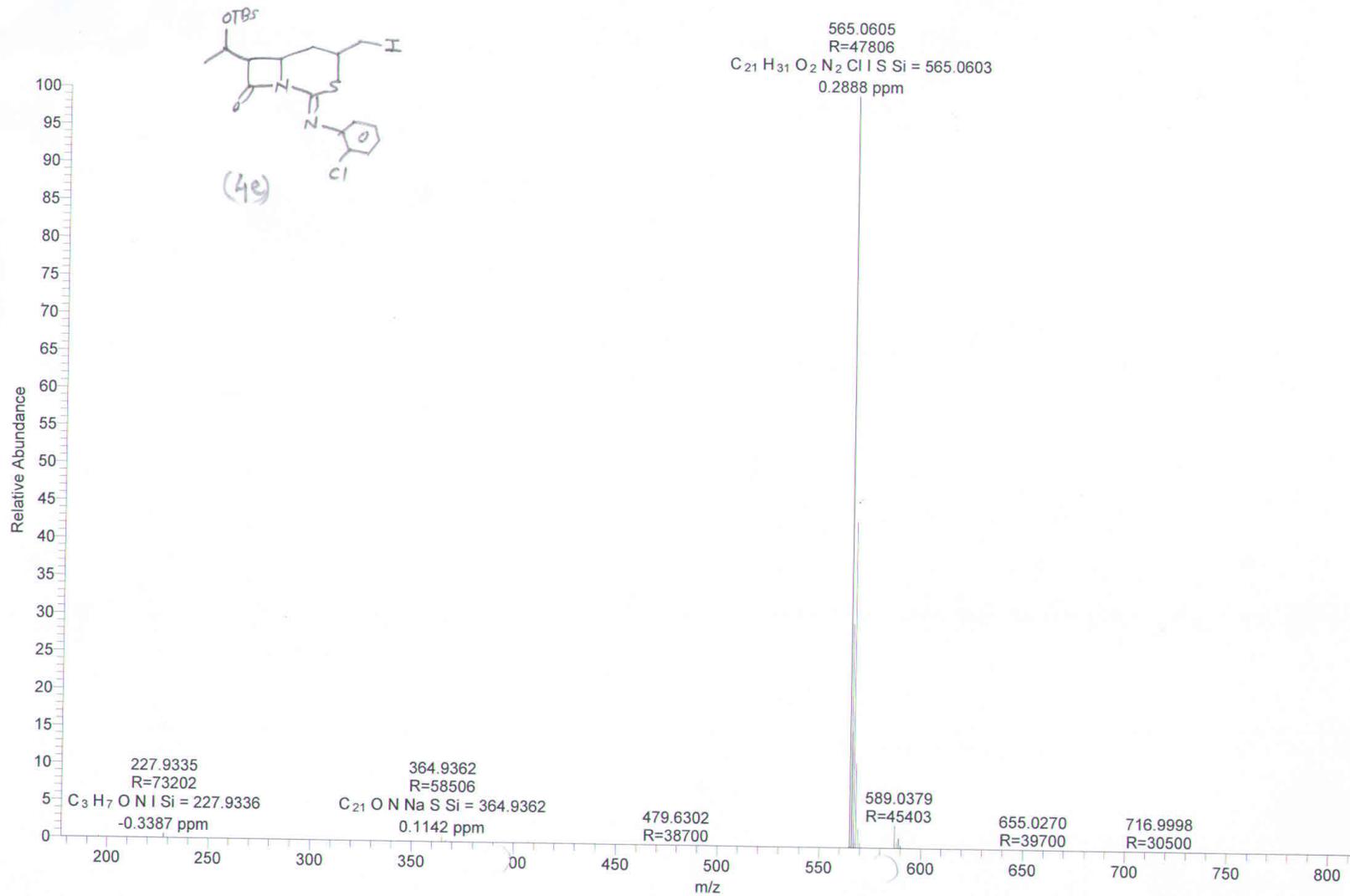
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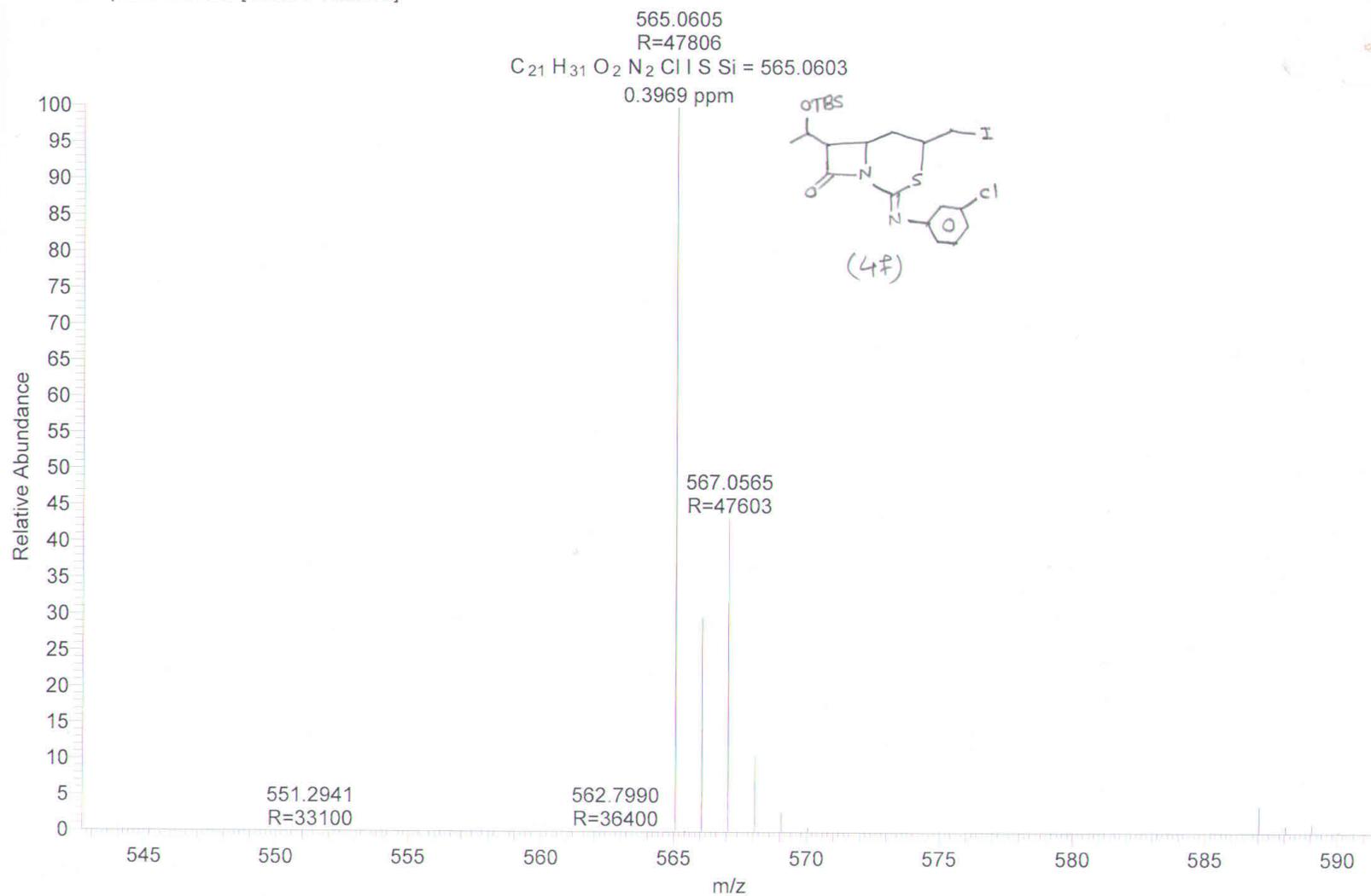
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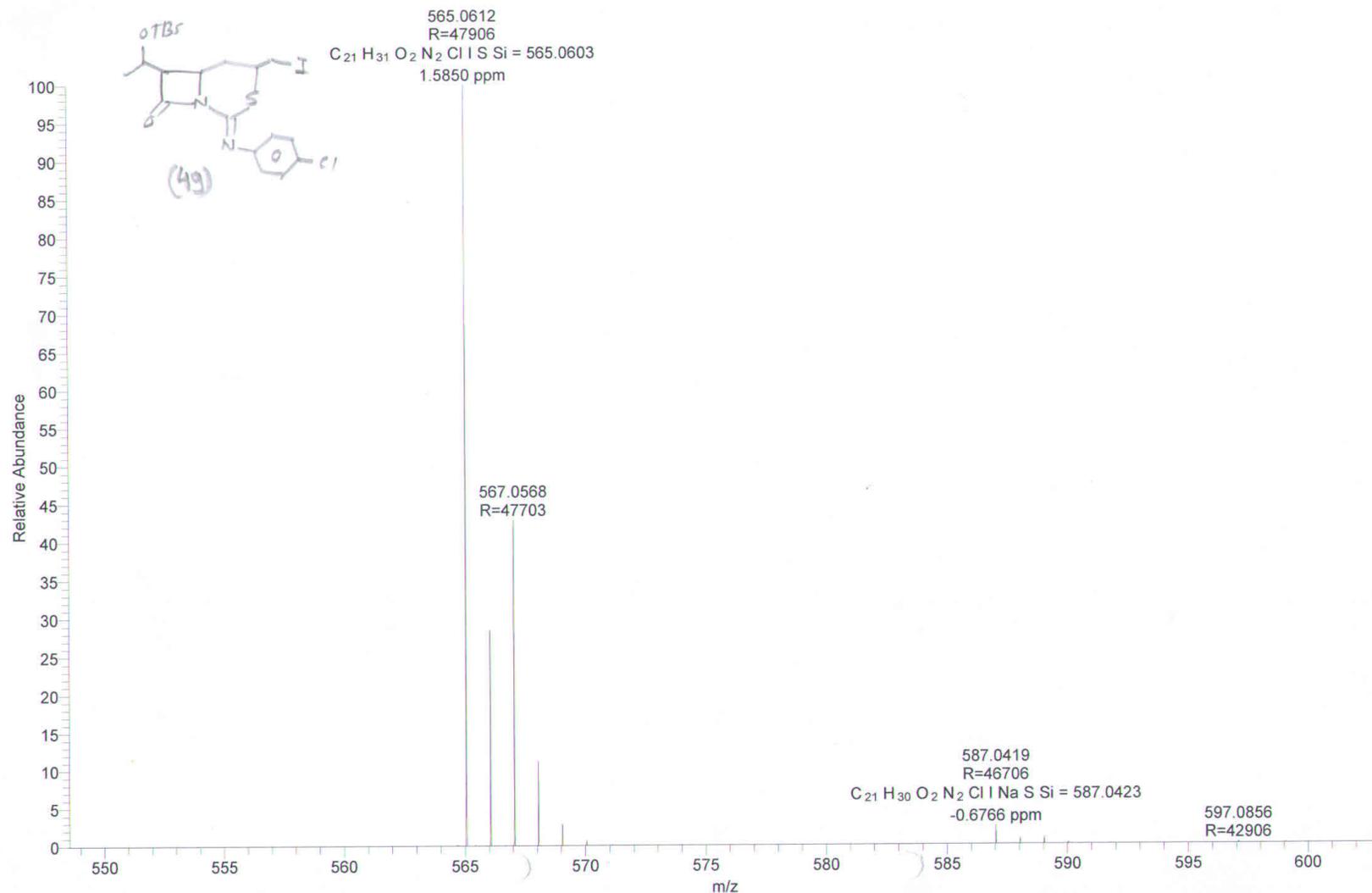
DRG-8 #184 RT: 0.82 AV: 1 NL: 5.17E9  
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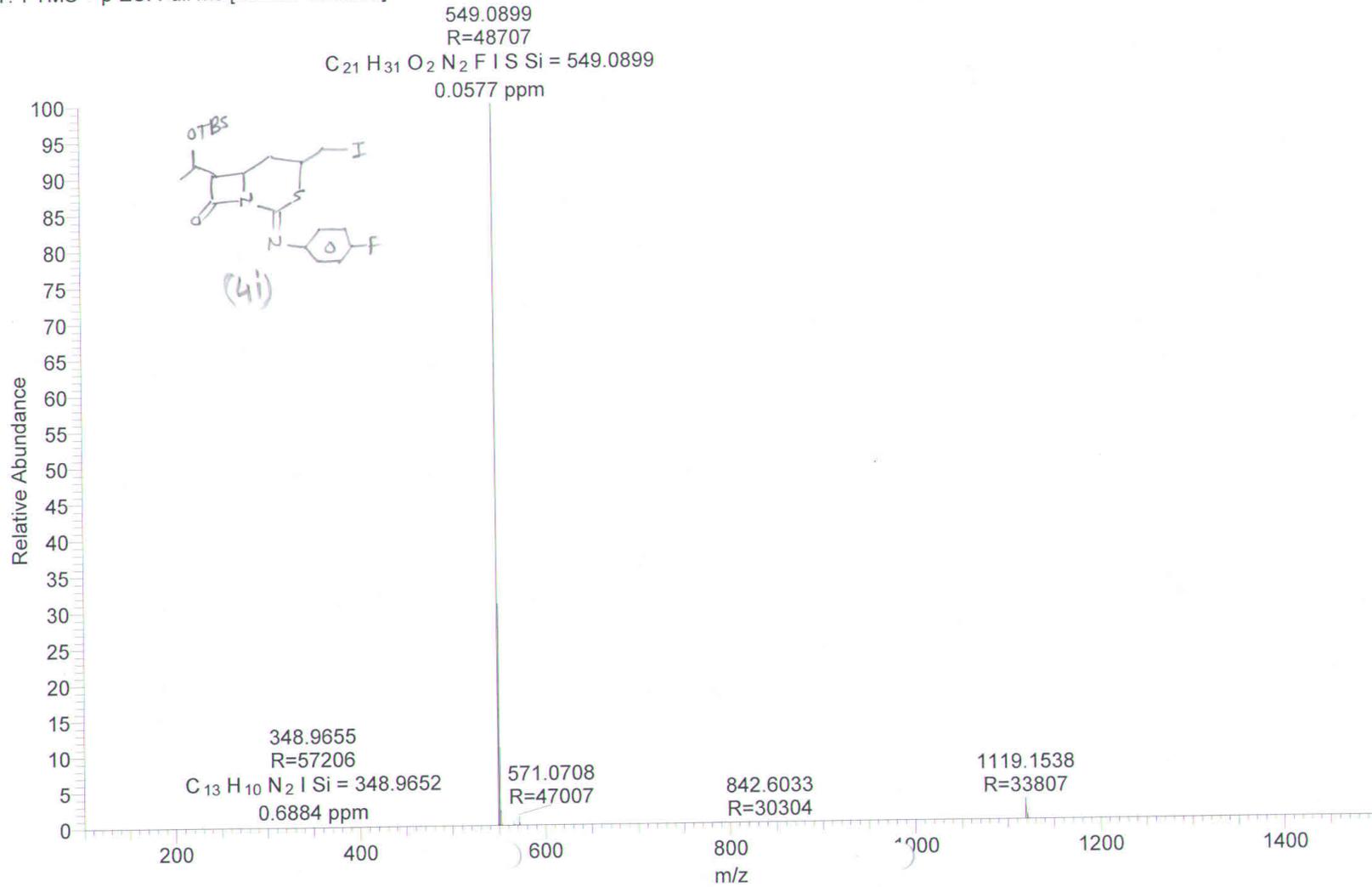
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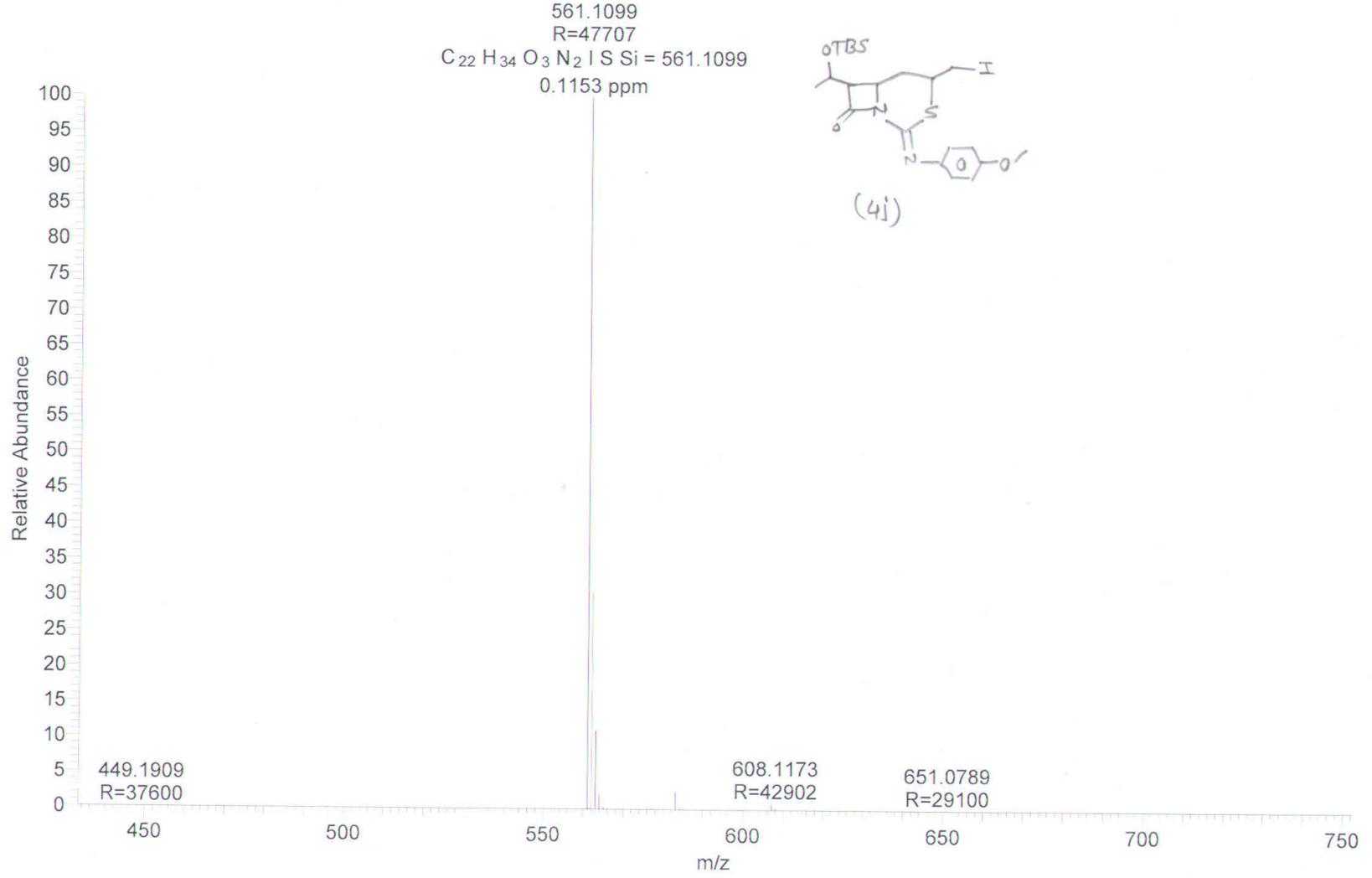
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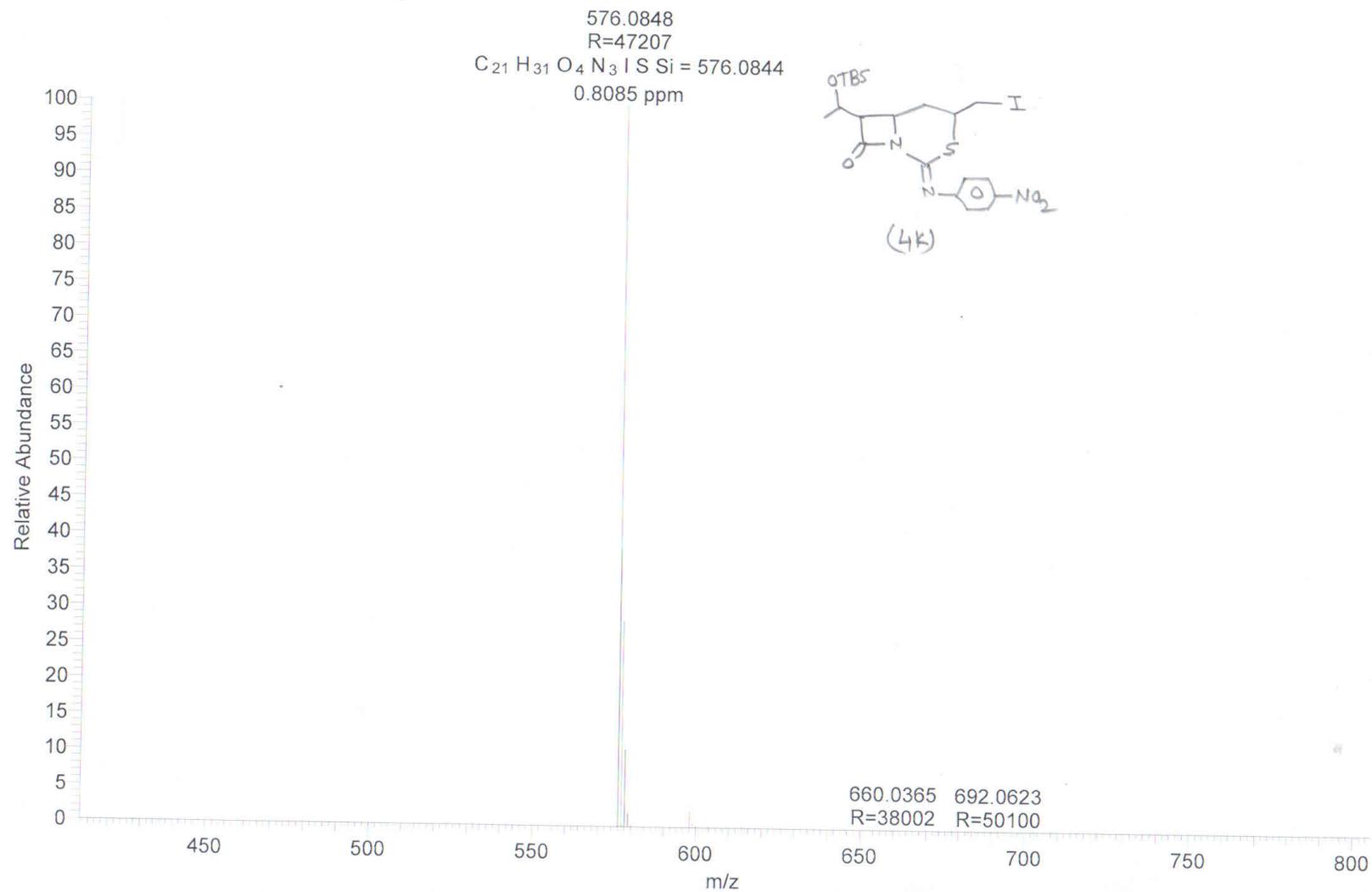
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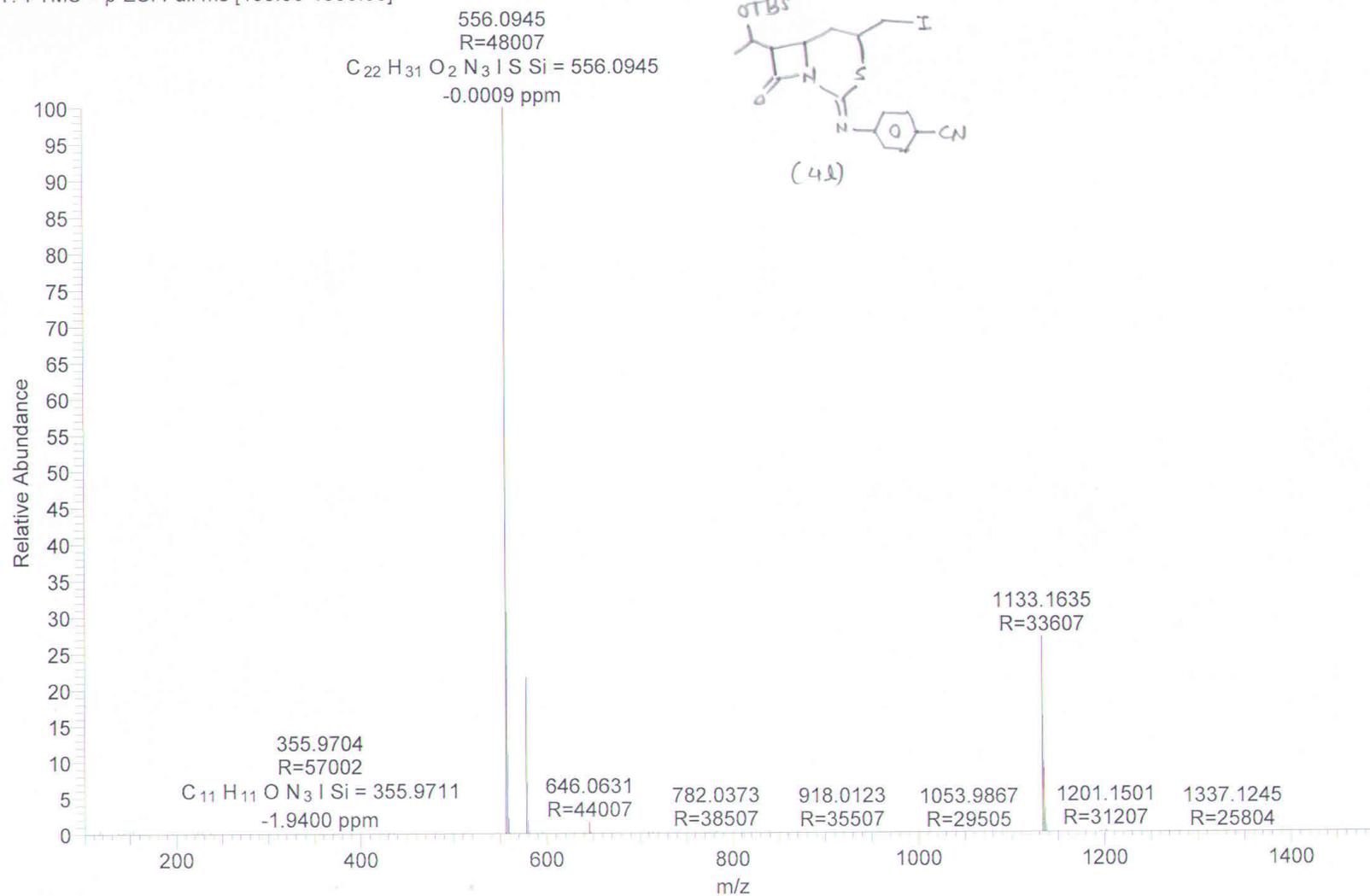
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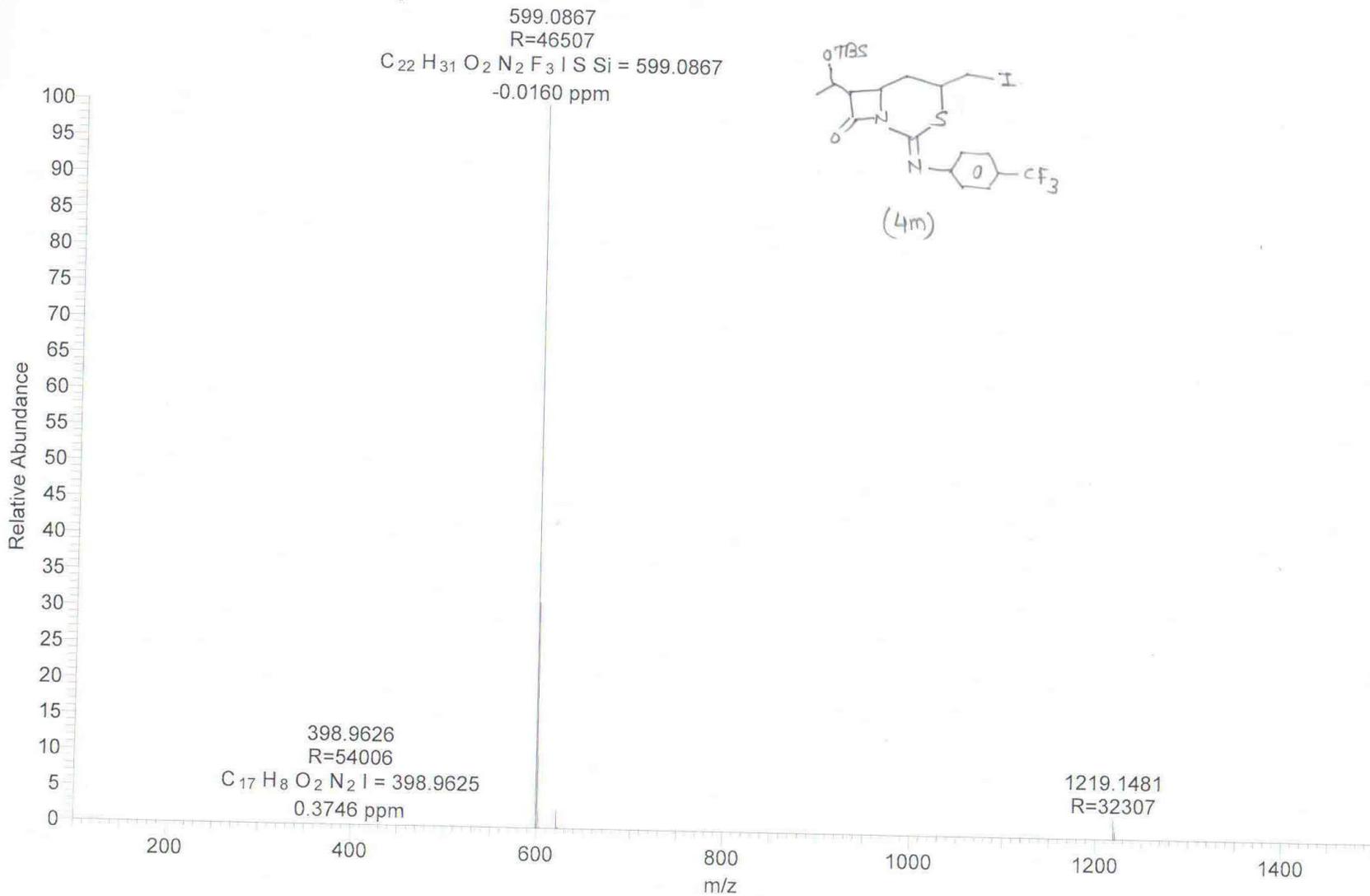
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CF3-IODO #243 RT: 1.09 AV: 1 NL: 3.30E9  
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APPL #194 RT: 0.86 AV: 1 NL: 1.93E10  
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