

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

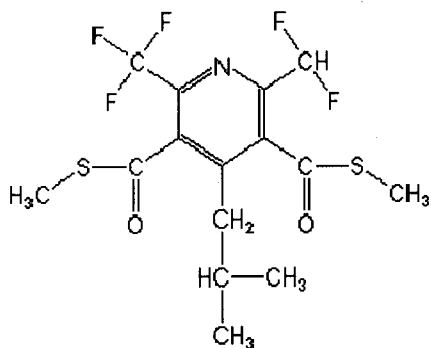
### Analyte: Dithiopyr

CAS No.: 97886-45-8

Formula: C<sub>15</sub>H<sub>16</sub>F<sub>5</sub>NO<sub>2</sub>S<sub>2</sub>

Molecular mass (lowest isotopes): 401,05 amu

Structure:



Ionisation: ESI +

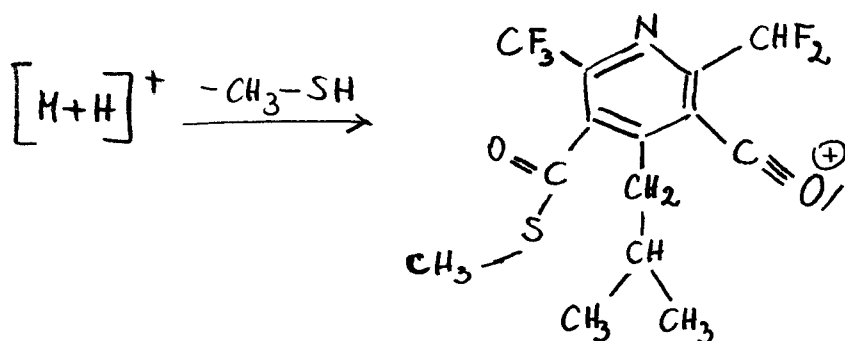
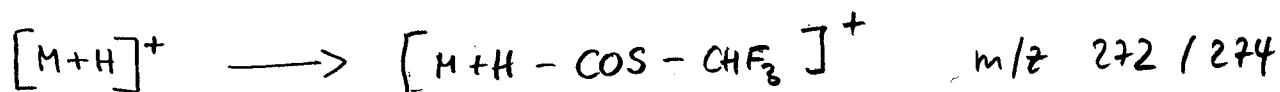
Quasimolecular ion: 402,1 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	402,1 → 353,9	402,1 → 271,9
Declustering potential (DP) <sup>*)</sup>	81 V	81 V
Focusing potential (FP)	350 V	350 V
Entrance potential (EP)	10,0 V	10,0 V
Collision cell entrance potential (CEP)	22 V	22 V
Collision energy (CE)	23 V	35 V
Collision cell exit potential (CXP)	20 V	14 V

<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

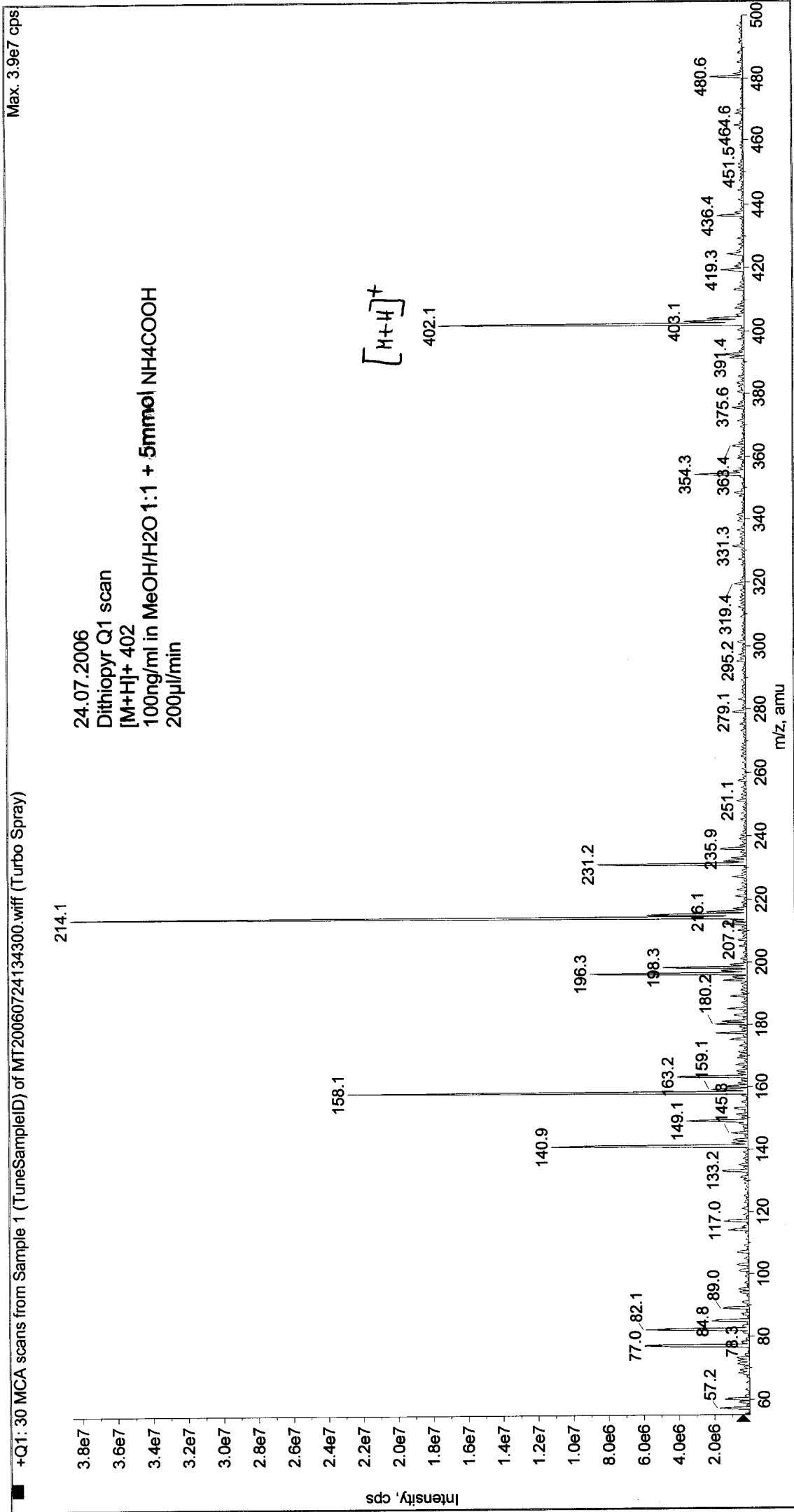
### Fragmentation

 $m/z$  354 / 356

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Printing Date: Monday, July 24, 2006

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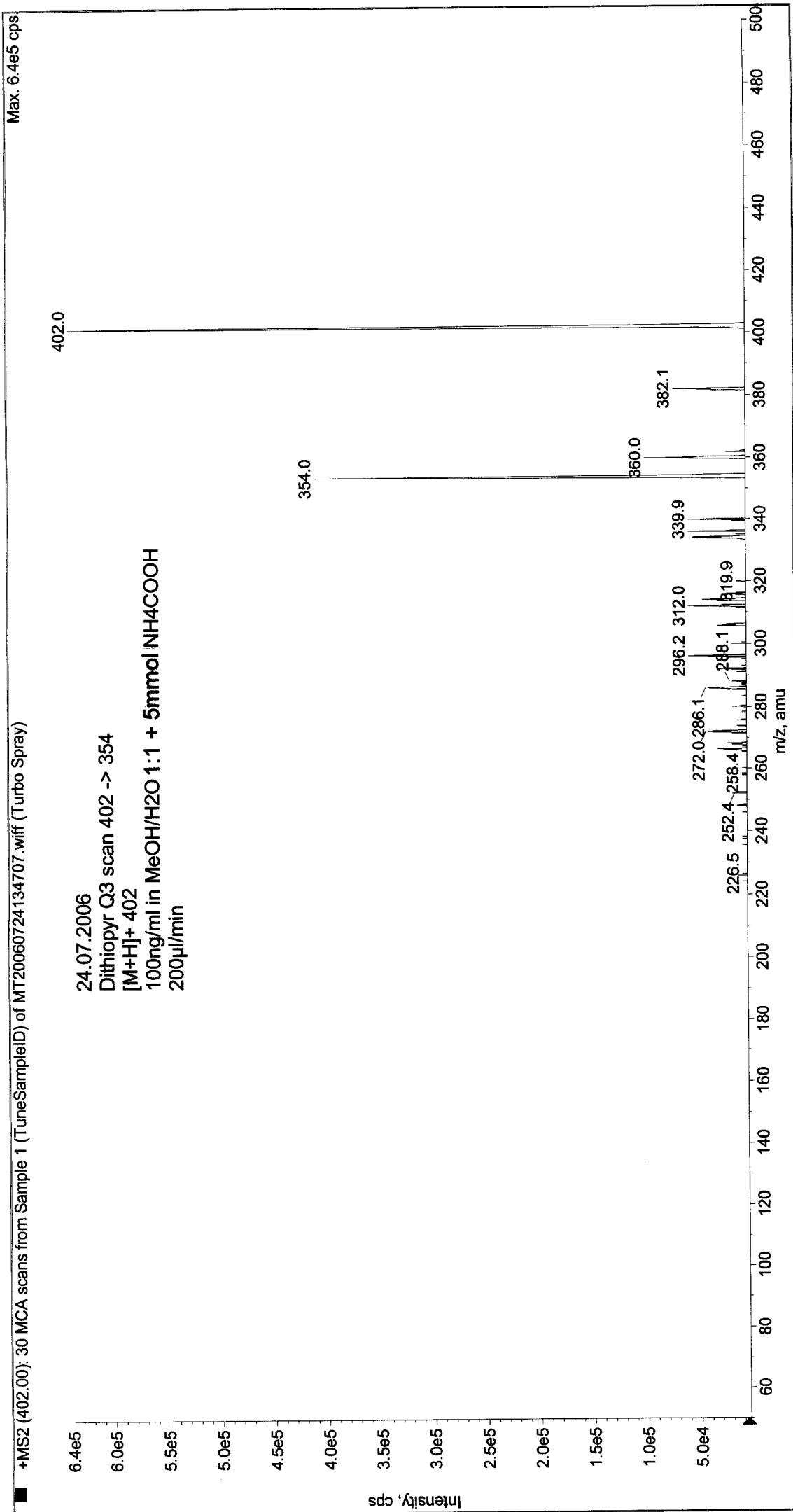
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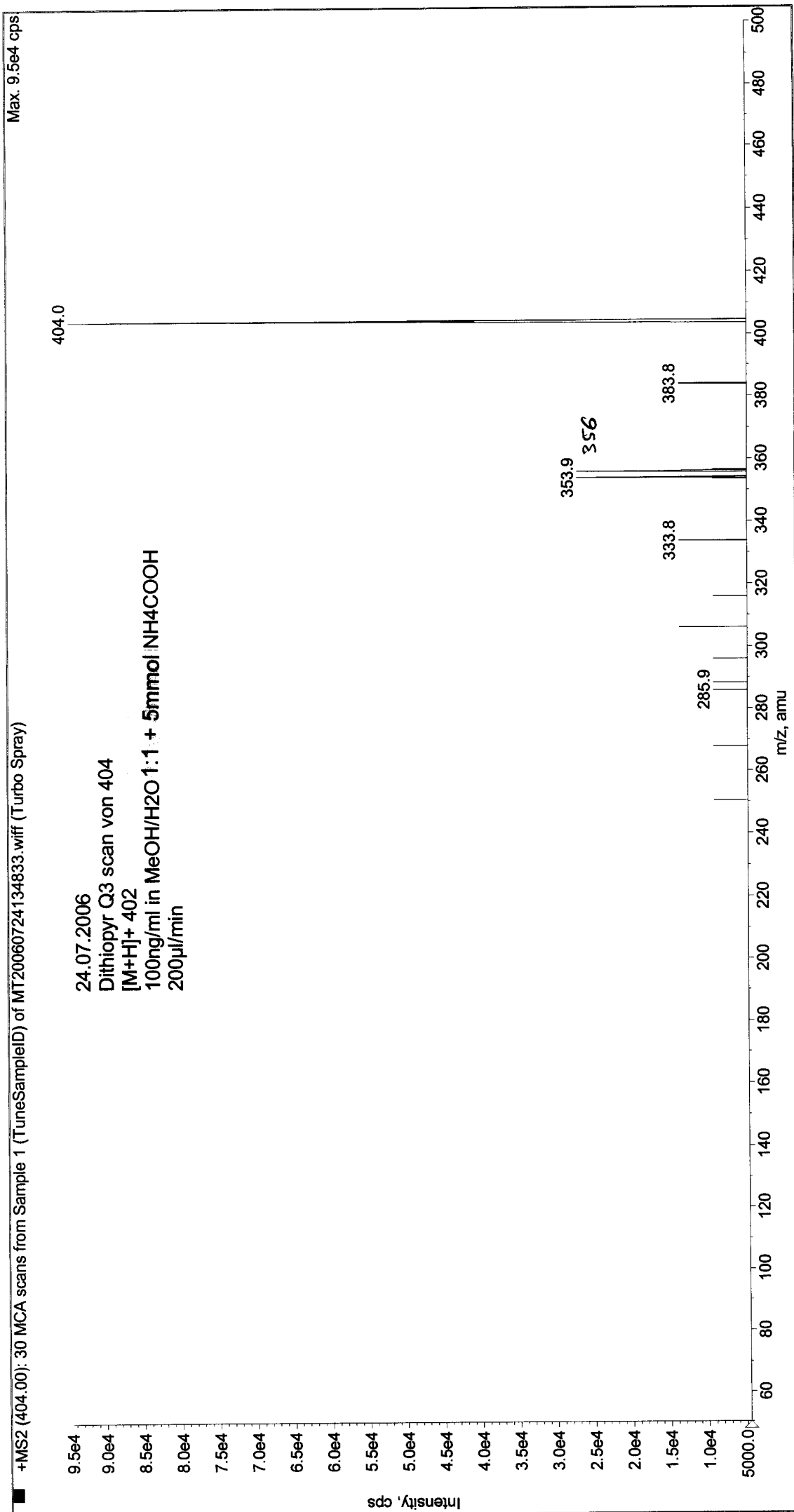
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