

## MS/MS Parameters of Pesticides

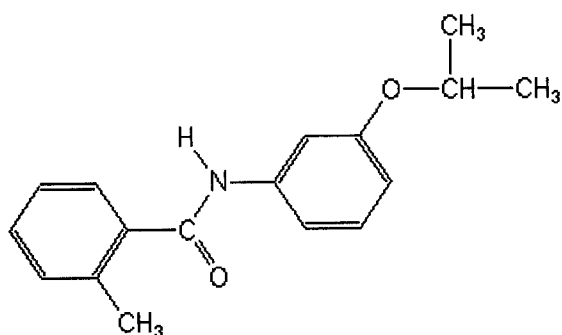
### Analyte: Mepronil

CAS No.: 55814-41-0

Formula: C<sub>17</sub>H<sub>19</sub>NO<sub>2</sub>

Molecular mass (lowest isotopes): 269,14 amu

Structure:



Ionisation: ESI +

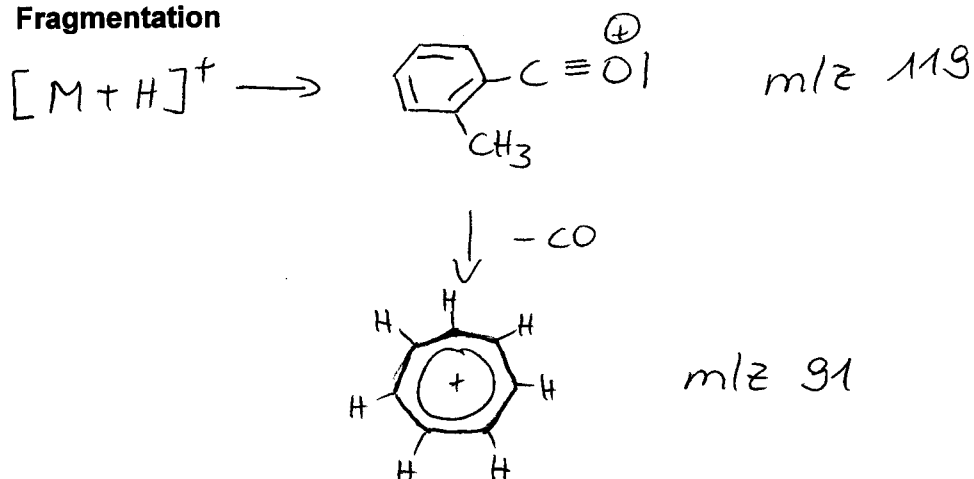
Quasimolecular ion: 270,1 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	270,1 → 119,0	270,1 → 91,2
Declustering potential (DP) <sup>*)</sup>	74V	74 V
Focusing potential (FP)	60 V	370 V
Entrance potential (EP)	11,5 V	12,0 V
Collision cell entrance potential (CEP)	16 V	16 V
Collision energy (CE)	31 V	55 V
Collision cell exit potential (CXP)	6 V	4 V

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

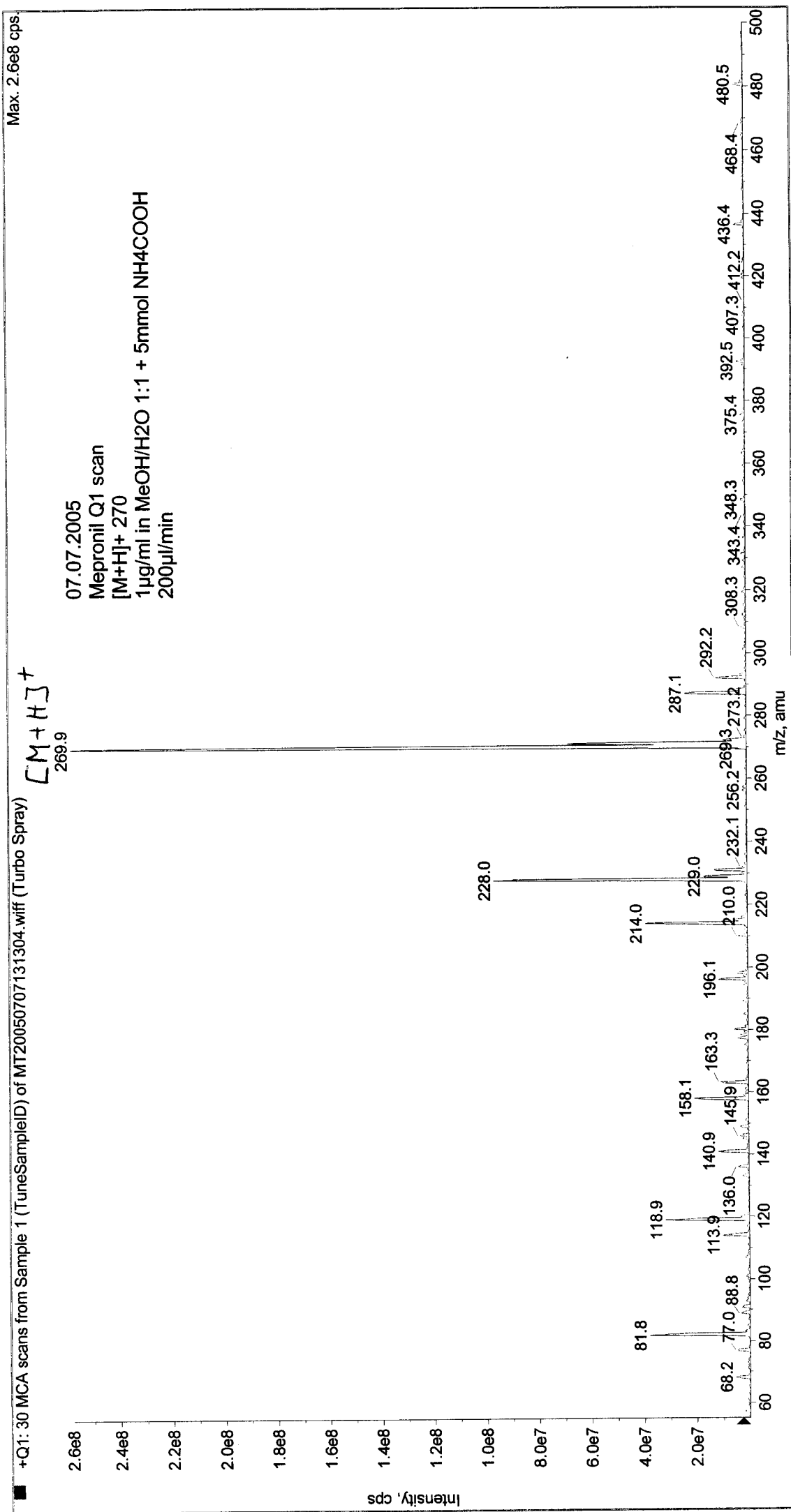
### Fragmentation



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Batch Name: ManualTune.bat

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Acq. Date: Thursday, July 07, 2005  
Acq. File: MT20050707131304.wiff

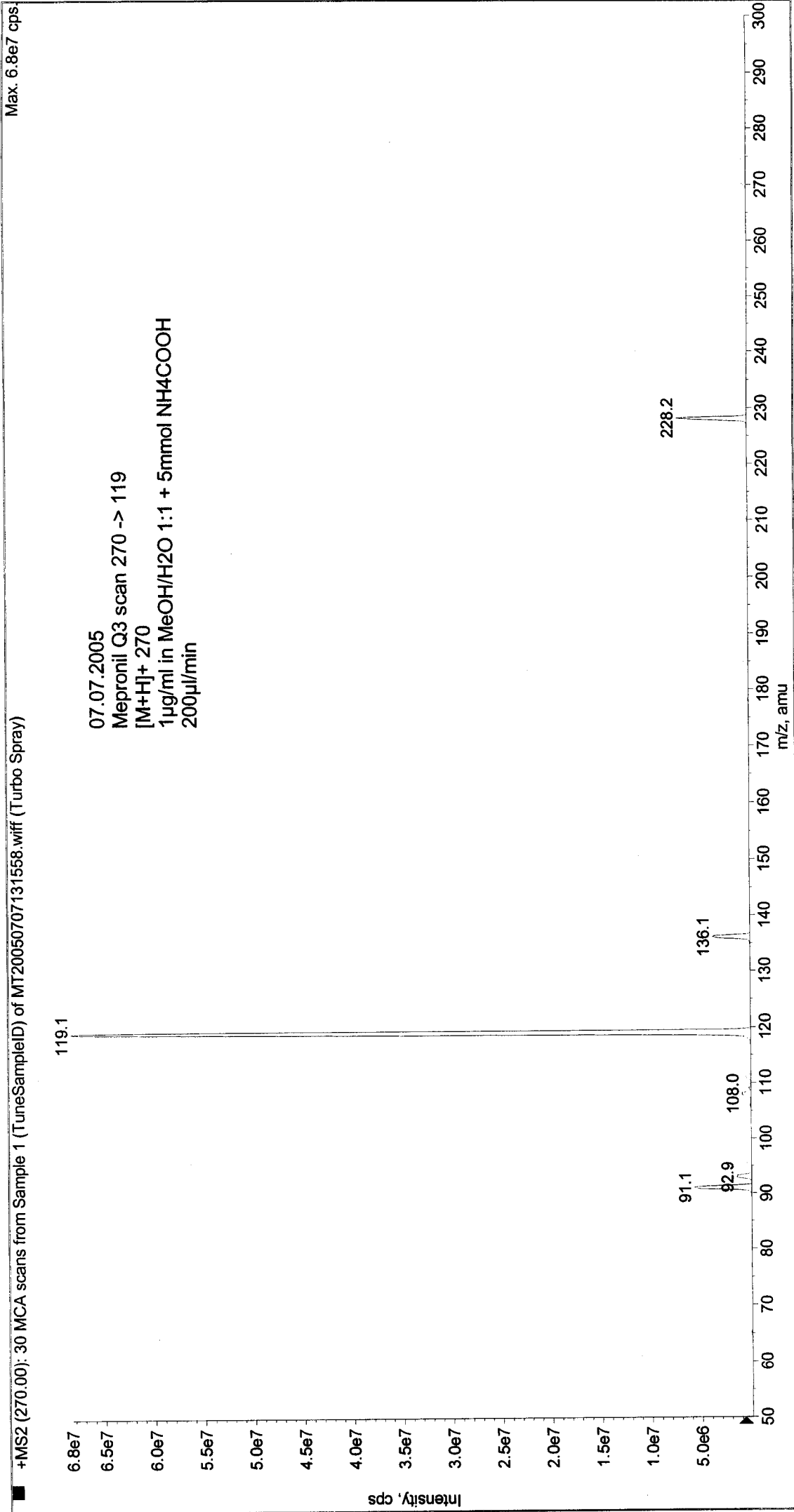
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Printing Time: 13:17:15  
Printing Date: Thursday, July 07, 2005

Acq. Time: 13:15  
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Batch Name: ManualTune.bat



Printing Time: 13:20:48  
Printing Date: Thursday, July 07, 2005

Acq. Time: 13:19  
Acq. Date: Thursday, July 07, 2005  
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Sample Comment:  
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