

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

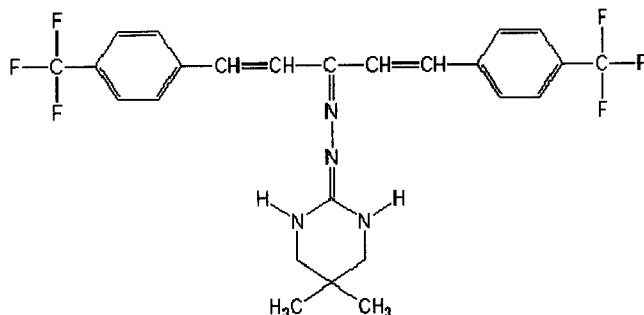
### Analyte: Hydramethylnon

CAS No.: 67485-29-4

Formula: C<sub>25</sub>H<sub>24</sub>F<sub>6</sub>N<sub>4</sub>

Molecular mass (lowest isotopes): 494,19 amu

Structure:



Ionisation: ESI +

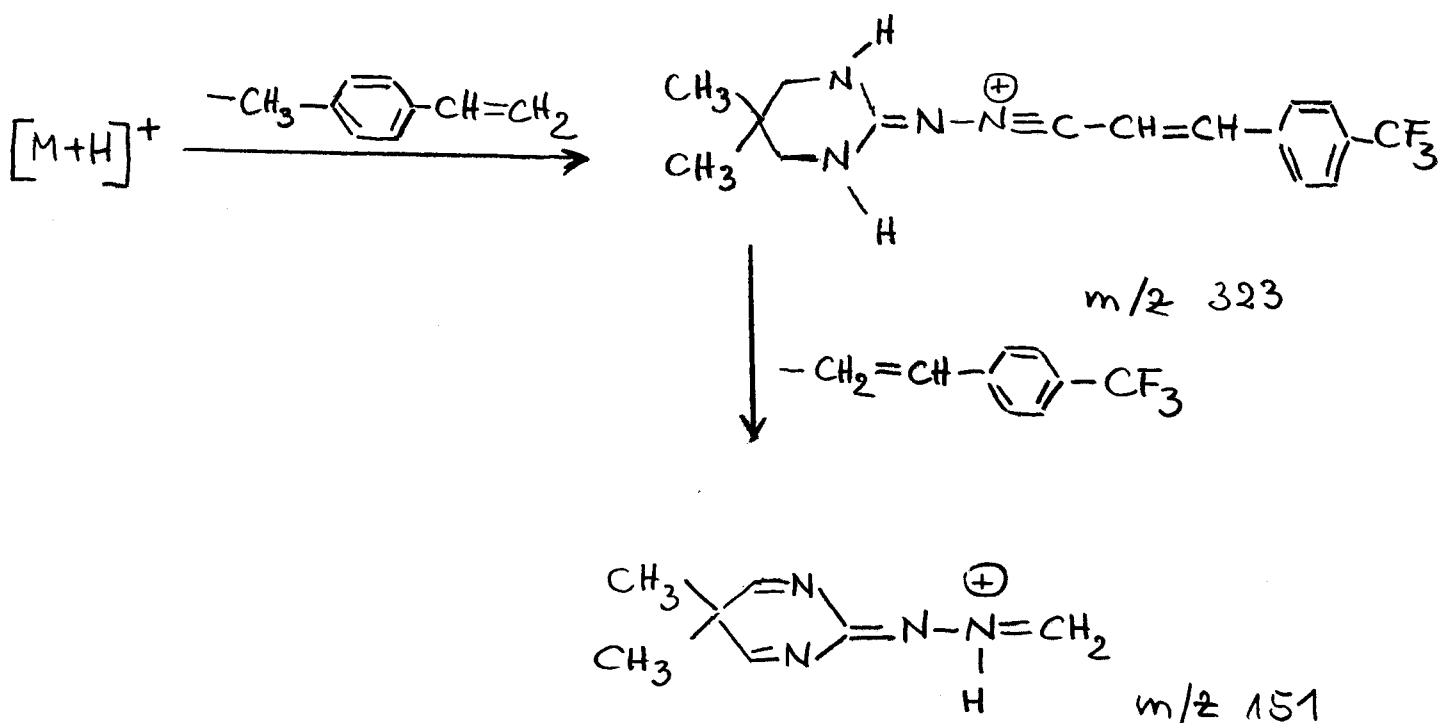
Quasimolecular ion: 495,2 amu = [M+H]<sup>+</sup>

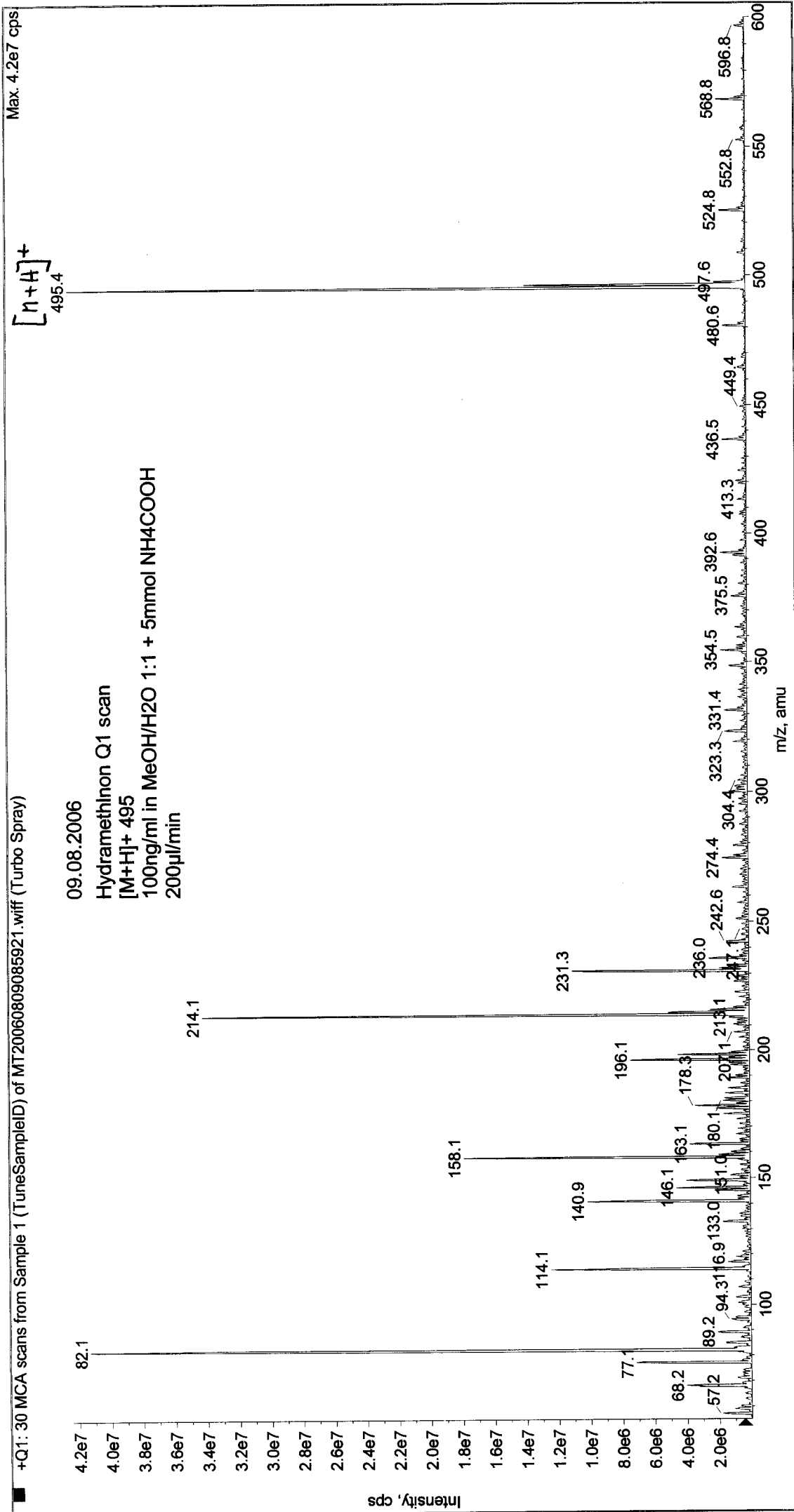
Analyte sensitive parameter set (API 2000)

Transition	495,2 → 151,2	495,2 → 323,1
Declustering potential (DP) <sup>*)</sup>	91 V	91 V
Focusing potential (FP)	340 V	230 V
Entrance potential (EP)	11,5 V	12,0 V
Collision cell entrance potential (CEP)	22 V	22 V
Collision energy (CE)	79 V	39 V
Collision cell exit potential (CXP)	8 V	18 V

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

### Fragmentation

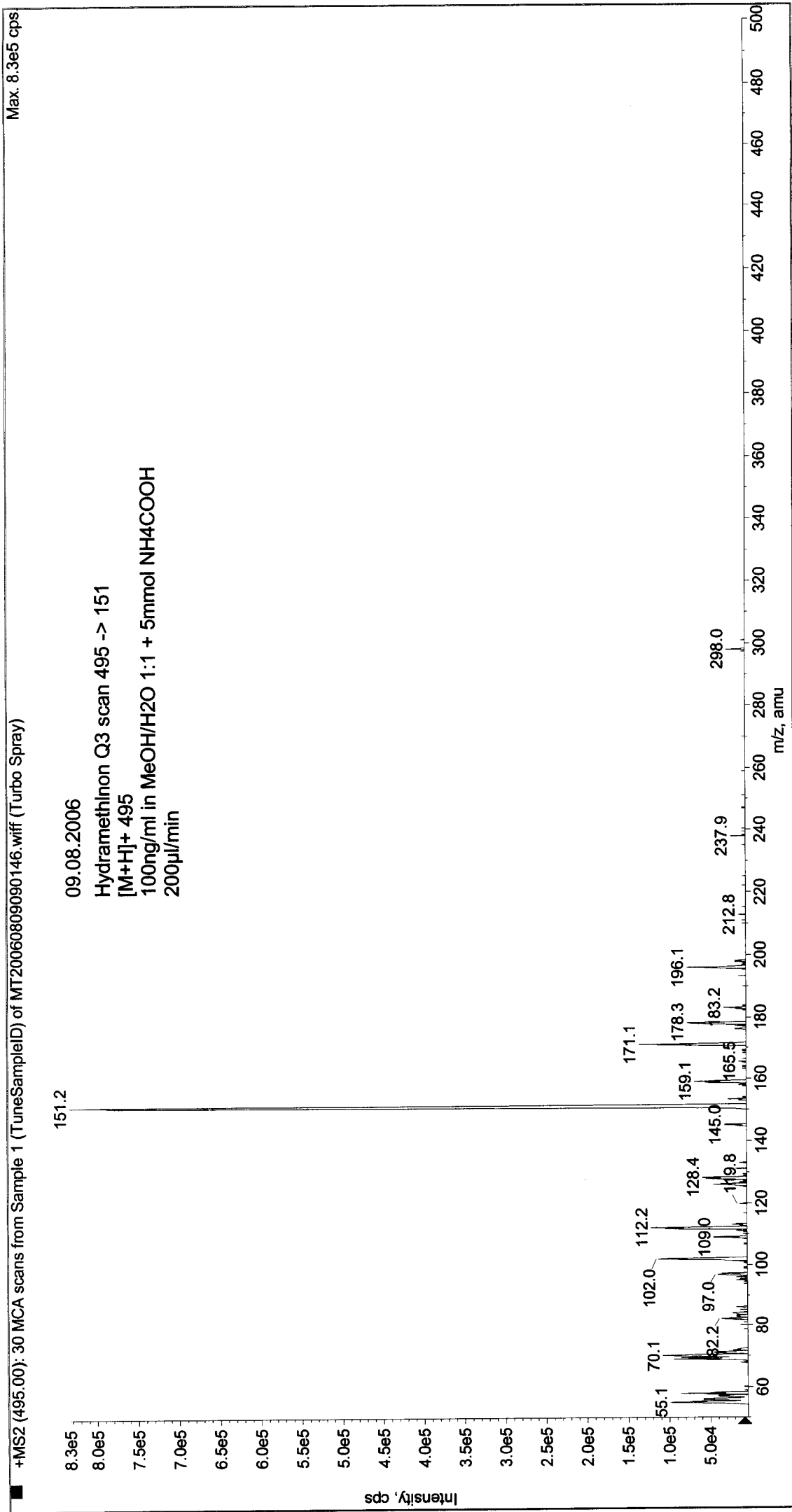




Printing Time: 9:02:56  
Printing Date: Wednesday, August 09, 2006

Acq. Time: 09:01  
Acq. Date: Wednesday, August 09, 2006  
Acq. File: MT20060809090146.wiff

Sample Comment:  
Sample Name: TuneSampleID  
Batch Name: ManualTune.bat



Printing Time: 9:11:33  
Printing Date: Wednesday, August 09, 2006

Acq. Time: 09:10  
Acq. Date: Wednesday, August 09, 2006  
Acq. File: MT20060809091018.wiff

Sample Comment:  
Sample Name: TuneSampleID  
Batch Name: ManualTune.bat

