

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

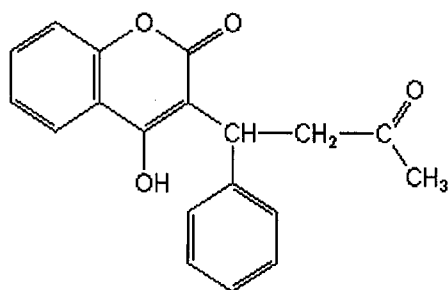
### Analyte: Warfarin

CAS No.: 81-81-2

Formula: C<sub>19</sub>H<sub>16</sub>O<sub>4</sub>

Molecular mass (lowest isotopes): 308,11 amu

Structure:



Ionisation: ESI +

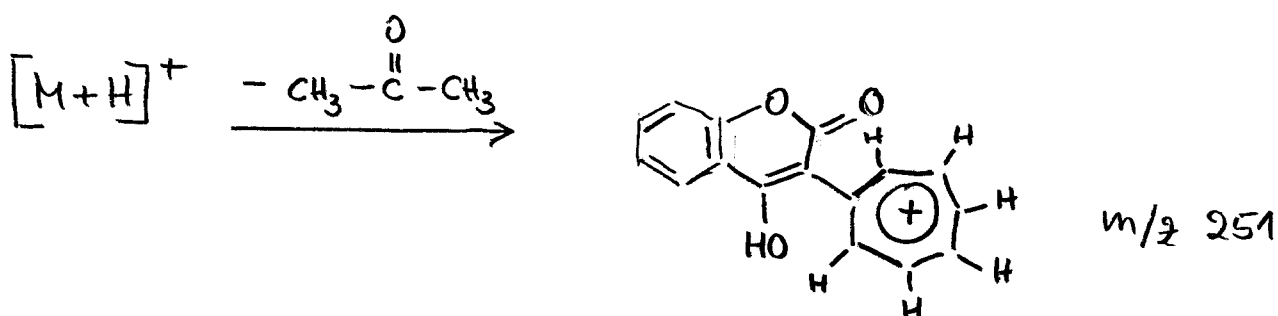
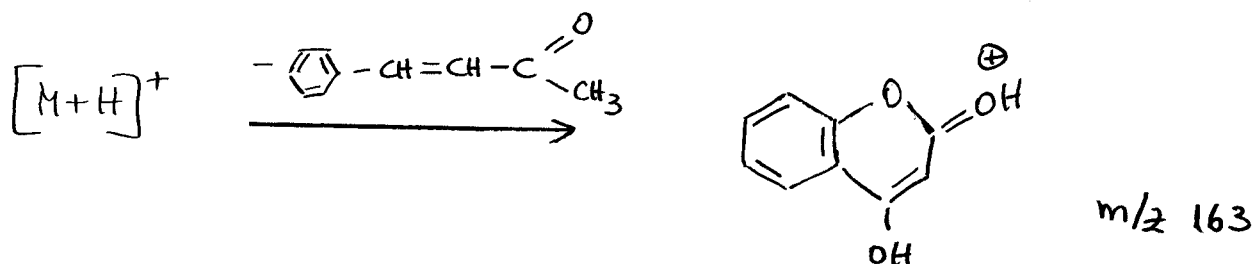
Quasimolecular ion: 309,1 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

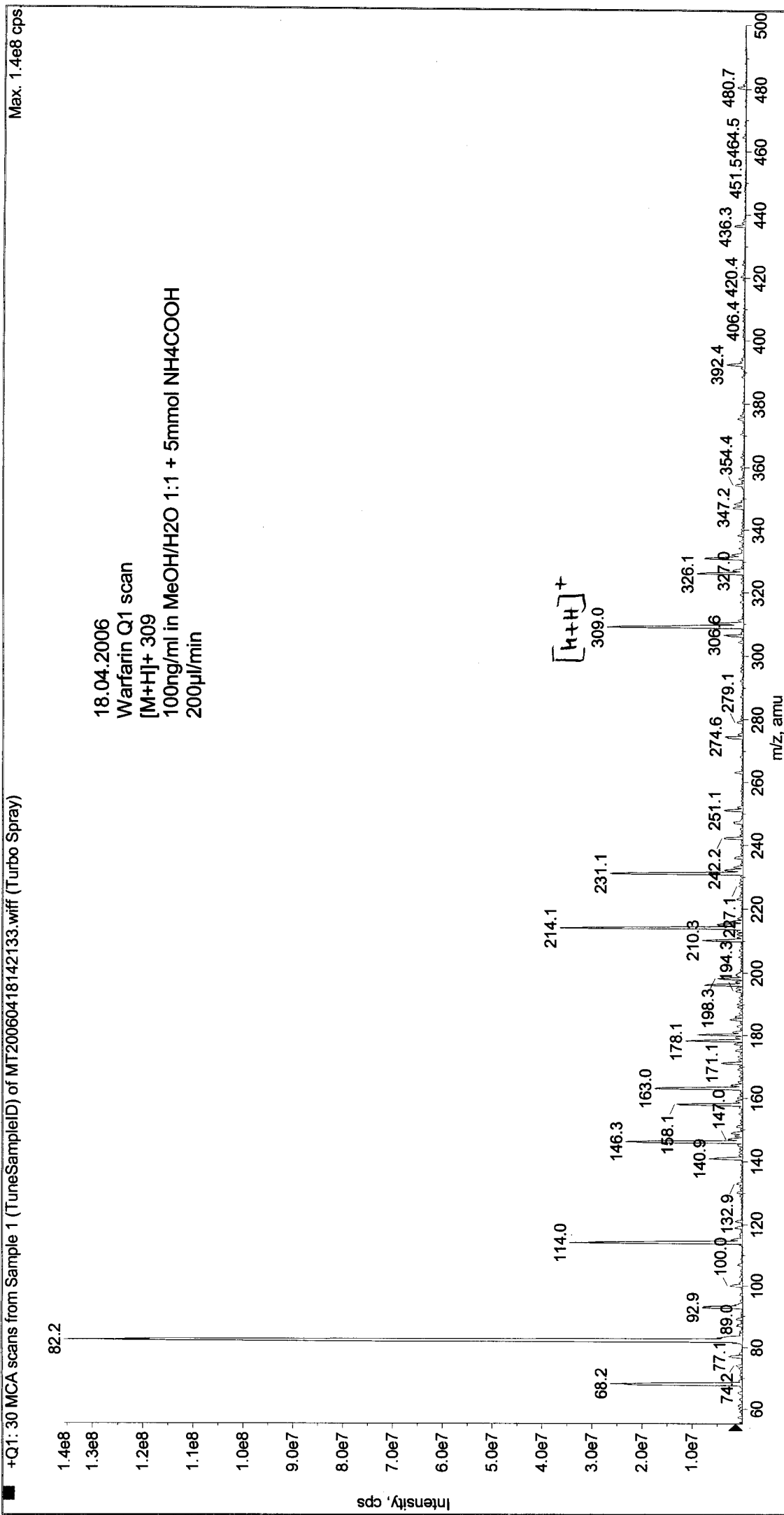
Transition	309,1 → 163,0	309,1 → 251,1
Declustering potential (DP) <sup>*)</sup>	81 V	81 V
Focusing potential (FP)	370 V	50 V
Entrance potential (EP)	11,0 V	12,0 V
Collision cell entrance potential (CEP)	18 V	20 V
Collision energy (CE)	21 V	25 V
Collision cell exit potential (CXP)	8 V	14 V

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

### Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20060418142133.wiff (Turbo Spray)



Printing Time: 14:26:08

Printing Date: Tuesday, April 18, 2006

Acq. Time: 14:24

Acq. Date: Tuesday, April 18, 2006

Acq. File: MT20060418142454.wiff

Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat

