

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

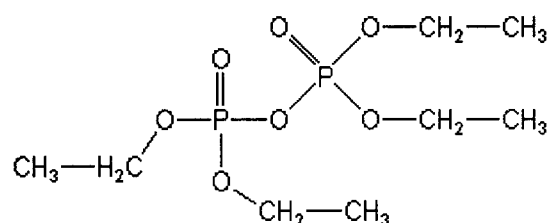
### Analyte: TEPP

CAS No.: 107-49-3

Formula: C<sub>8</sub>H<sub>20</sub>O<sub>7</sub>P<sub>2</sub>

Molecular mass (lowest isotopes): 290,07 amu

Structure:



Ionisation: ESI +

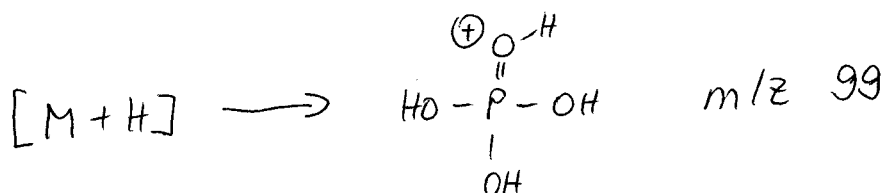
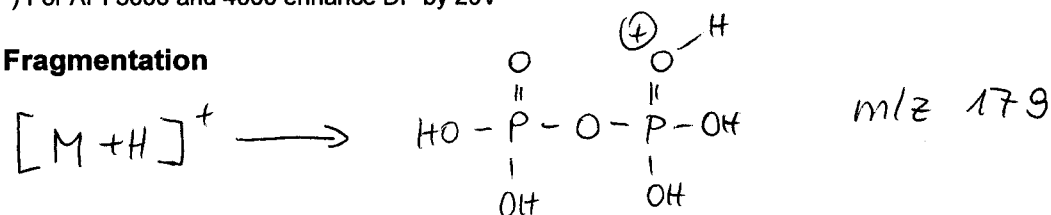
Quasimolecular ion: 291,1 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

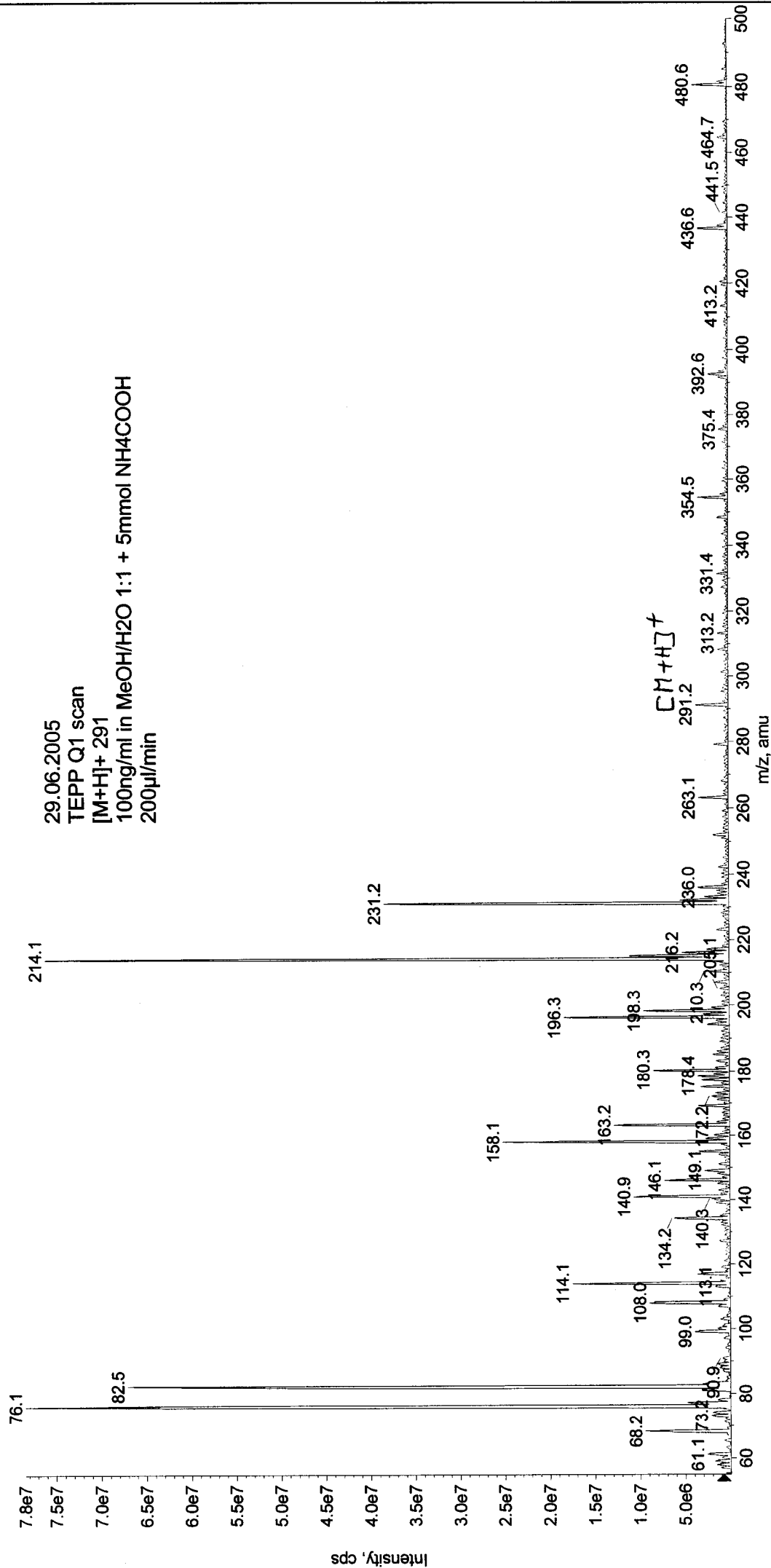
Transition	291,1 → 179,0	291,1 → 99,0
Declustering potential (DP) <sup>*)</sup>	51V	51 V
Focusing potential (FP)	370 V	310 V
Entrance potential (EP)	10,5 V	10,0 V
Collision cell entrance potential (CEP)	16 V	18 V
Collision energy (CE)	27 V	49 V
Collision cell exit potential (CXP)	10 V	6 V

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

### Fragmentation



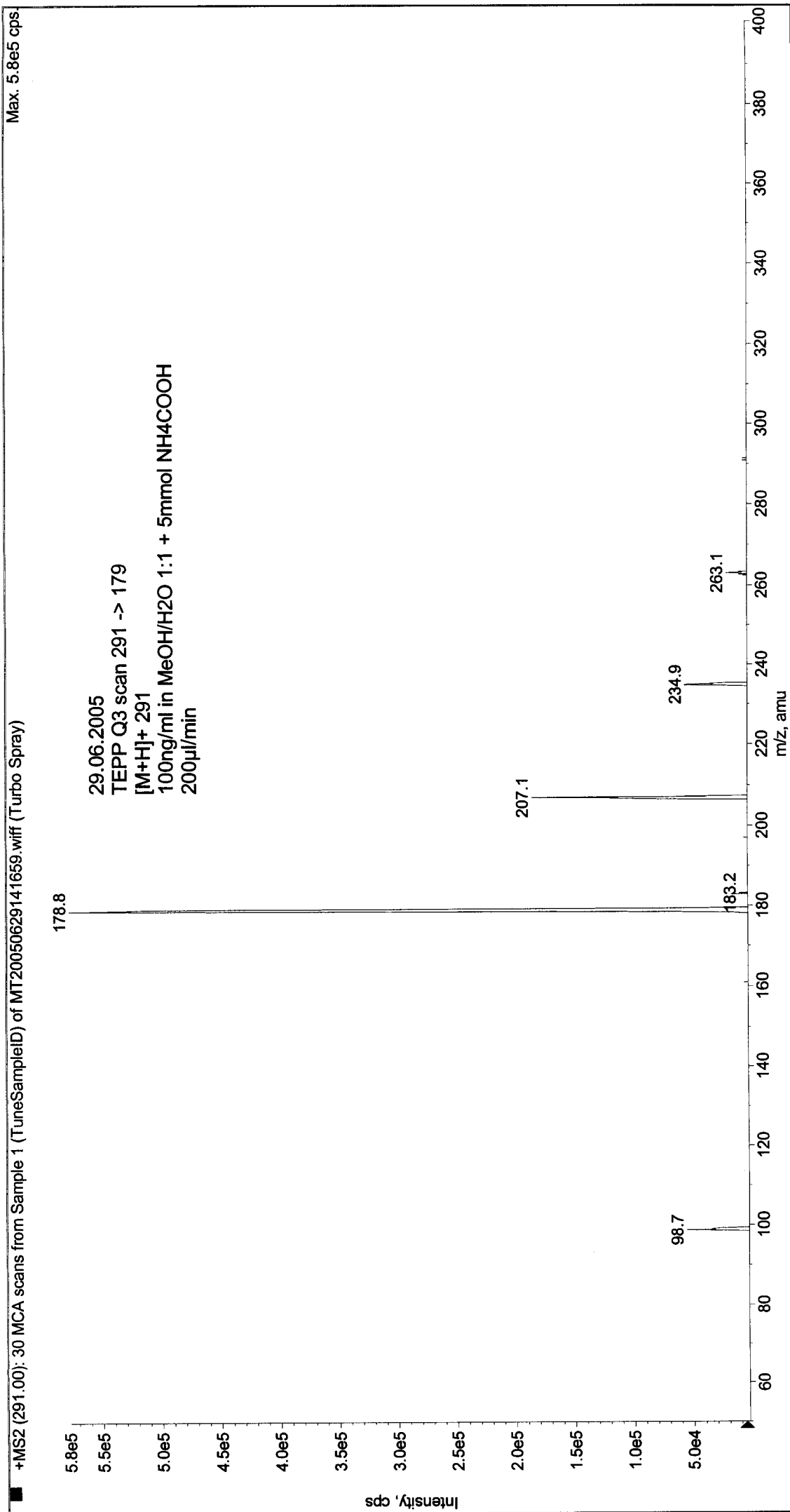
+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050629140254.wiff (Turbo Spray) Max. 7.8e7 cps



Printing Time: 14:18:21  
Printing Date: Wednesday, June 29, 2005

Acq. Time: 14:16  
Acq. Date: Wednesday, June 29, 2005  
Acq. File: MT20050629141659.wiff

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



Printing Time: 14:22:24  
Printing Date: Wednesday, June 29, 2005

Acq. Time: 14:21  
Acq. Date: Wednesday, June 29, 2005  
Acq. File: MT20050629142112.wiff

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

