

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

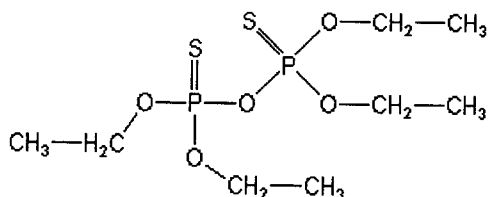
### Analyte: Sulfotep

CAS No.: 3689-24-5

Formula: C<sub>8</sub>H<sub>20</sub>O<sub>5</sub>P<sub>2</sub>S<sub>2</sub>

Molecular mass (lowest isotopes): 322,02 amu

Structure:



Ionisation: ESI +

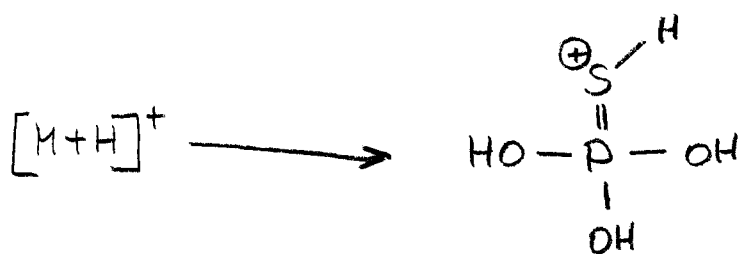
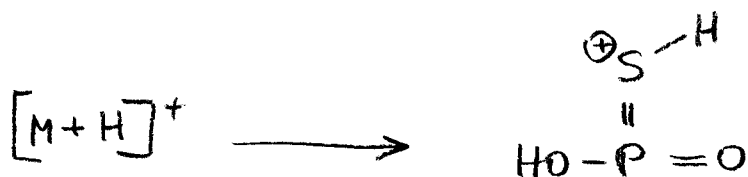
Quasimolecular ion: 323,0 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	323,0 → 115,0	323,0 → 97,1
Declustering potential (DP)*)	46 V	46 V
Focusing potential (FP)	310 V	370 V
Entrance potential (EP)	12,0 V	12,0 V
Collision cell entrance potential (CEP)	20 V	18 V
Collision energy (CE)	39 V	45 V
Collision cell exit potential (CXP)	6 V	4 V

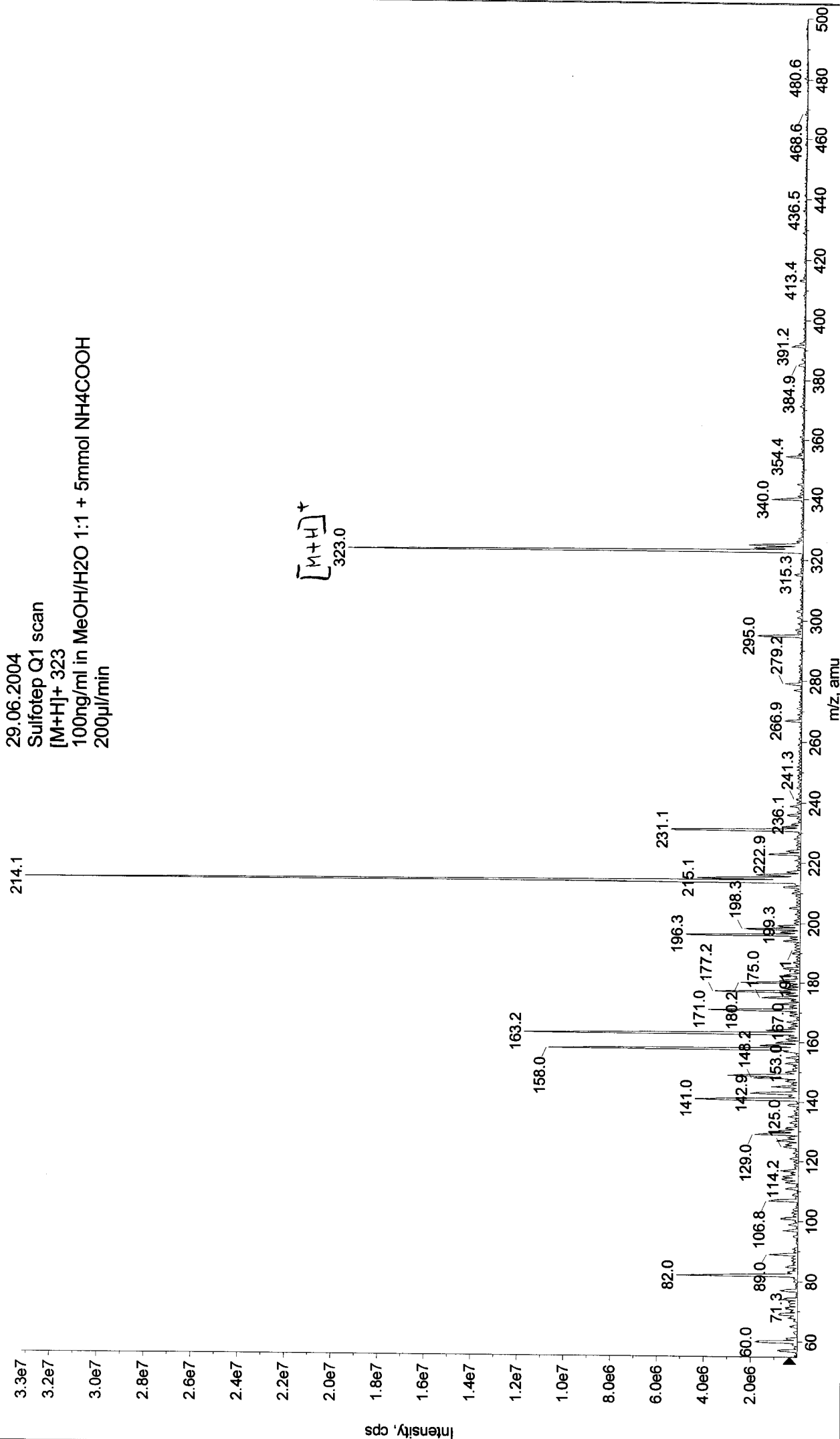
\*) For API 3000 and 4000 enhance DP by 20V

### Fragmentation

 $m/z$  115 $m/z$  97

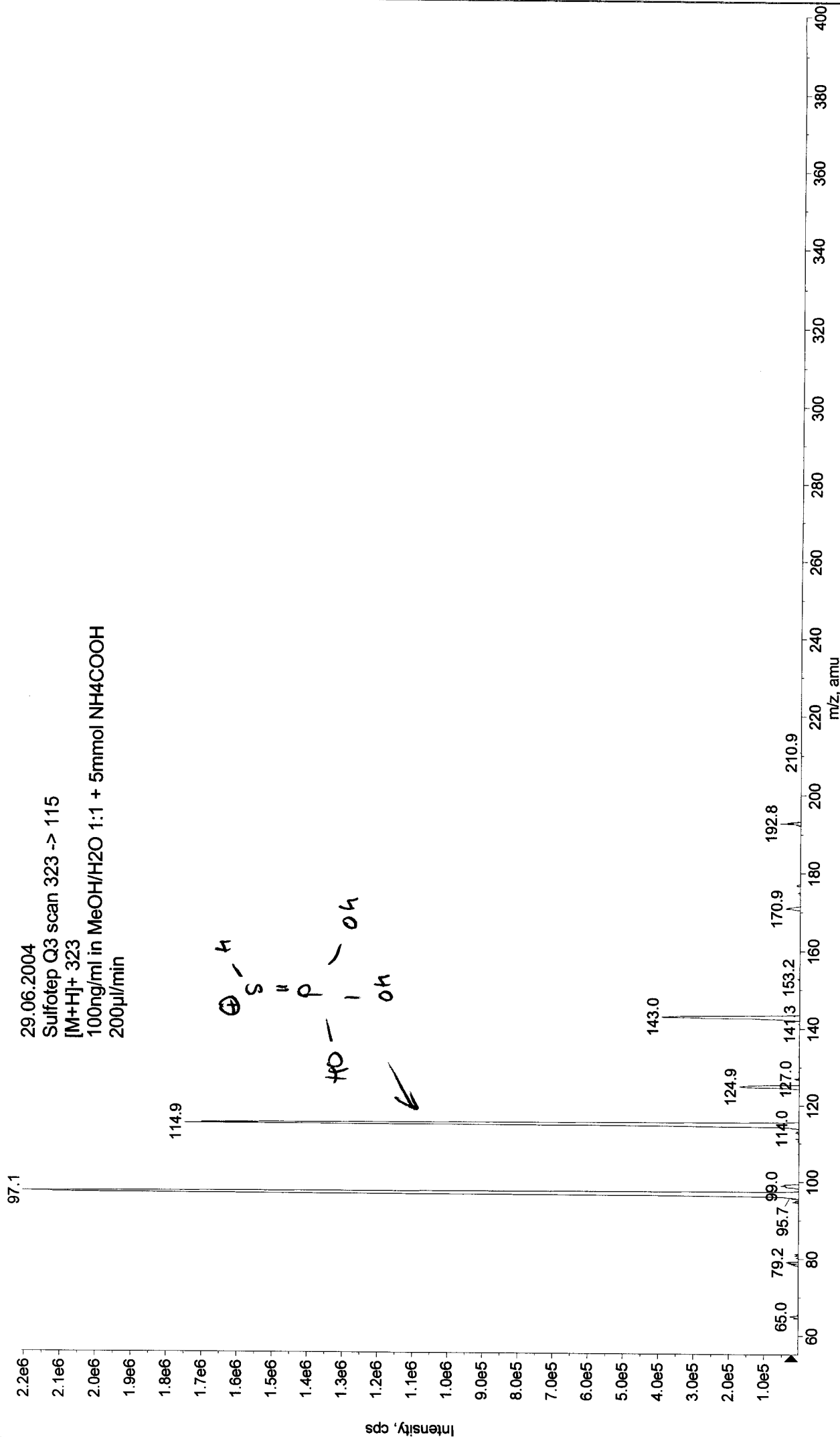
+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040629133104.wiff (Turbo Spray)

Max. 3.3e7 cps.



■ +MS2 (323.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040629133333.wiff (Turbo Spray)

Max. 2.2e6 cps.



Printing Time: 13:43:19  
Printing Date: Tuesday, June 29, 2004

Acq. Time: 13:40  
Acq. Date: Tuesday, June 29, 2004  
Acq. File: MT20040629134042.wiff

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

Max. 3.2e6 cps.  
+MS2 (323.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040629134042.wiff (Turbo Spray)

