

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

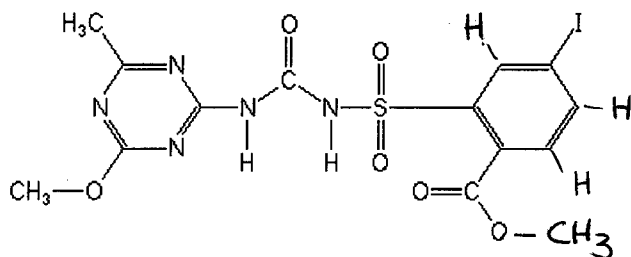
### Analyte: Iodosulfuron-methyl

CAS No.: 185119-76-0

Formula: C<sub>14</sub>H<sub>14</sub>IN<sub>5</sub>O<sub>6</sub>S

Molecular mass (lowest isotopes): 508,06 amu

Structure:



Ionisation: ESI +

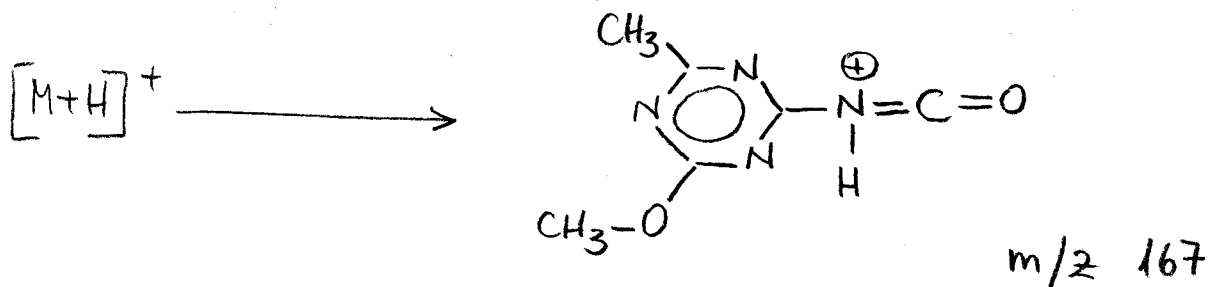
Quasimolecular ion: 507,9 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	507,9 → 167,2	507,9 → 141,0
Declustering potential (DP) <sup>*)</sup>	39 V	39 V
Focusing potential (FP)	360 V	360 V
Entrance potential (EP)	9,0 V	8,5 V
Collision cell entrance potential (CEP)	22 V	22 V
Collision energy (CE)	27 V	35 V
Collision cell exit potential (CXP)	8 V	6 V

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

### Fragmentation

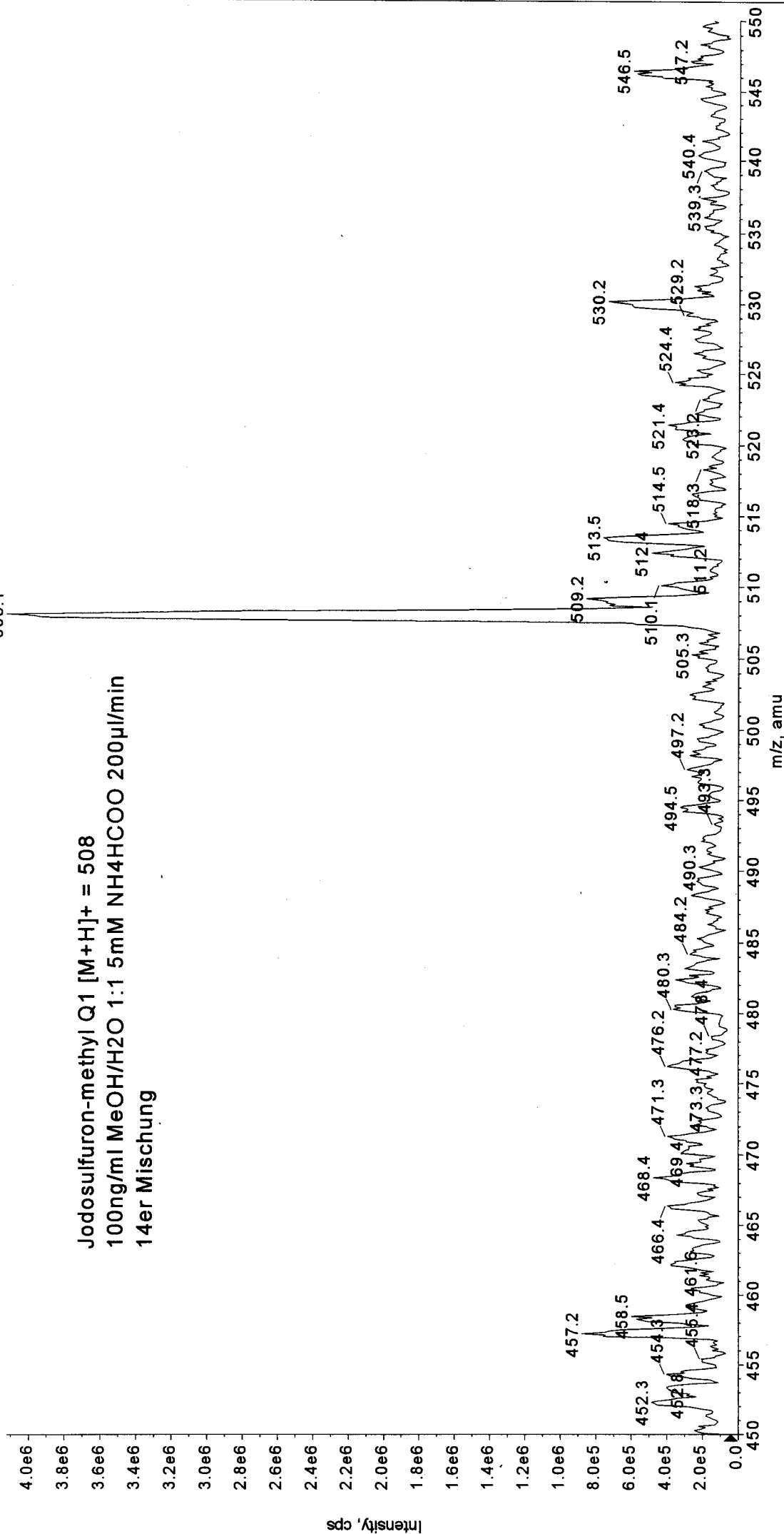


\*Q1: 30 MCA scans from Sample 1 of MT20020211153700.wiff

Max 4.1e6 cps

[M+H]<sup>+</sup>  
508.1

Jodosulfuron-methyl Q1 [M+H]<sup>+</sup> = 508  
100ng/ml MeOH/H<sub>2</sub>O 1:1 5mM NH<sub>4</sub>HCOO 200µl/min  
14er Mischung

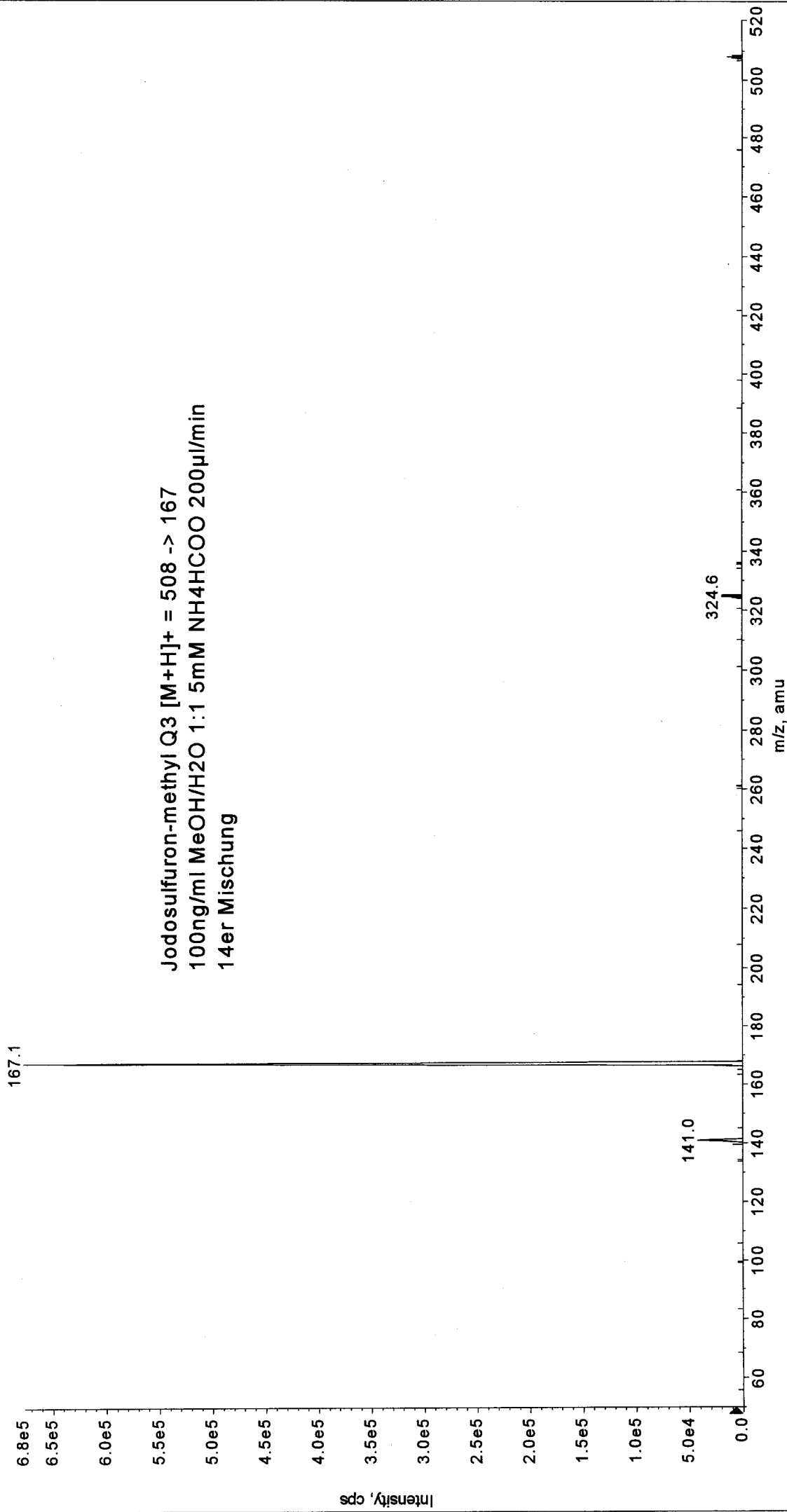


Printing Date: 11 February 2002  
Printing Time: 15:39:58

Acq. Date: Monday, February 11, 2002  
Acq. Time: 15:39  
Acq. File: MT20020211153859.wiff

Sample Comment:  
Sample Name:  
Batch Name: n/a

\*Product (508.0): 30 MCA scans from Sample 1 of MT20020211153859.wiff Max: 6.8e5 cps



Printing Date: 11 February 2002  
Printing Time: 15:45:38

Acq. Date: Monday, February 11, 2002  
Acq. Time: 15:44  
Acq. File: MT20020211154439.wiff

Sample Comment:  
Sample Name:  
Batch Name: n/a

\*Product (508.0): 30 MCA scans from Sample 1 of MT20020211154439.wiff Max: 4.7e5 cps

