

## MS/MS Parameters of Pesticides

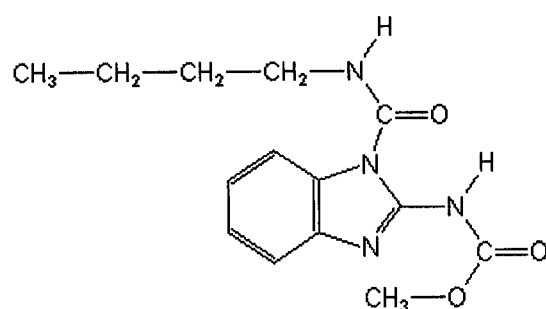
### Analyte: Benomyl

CAS No.: 17804-35-2

Formula: C<sub>14</sub>H<sub>18</sub>N<sub>4</sub>O<sub>3</sub>

Exact molecular mass (lowest isotopes): 290,14 amu

Structure:



Ionisation: ESI +

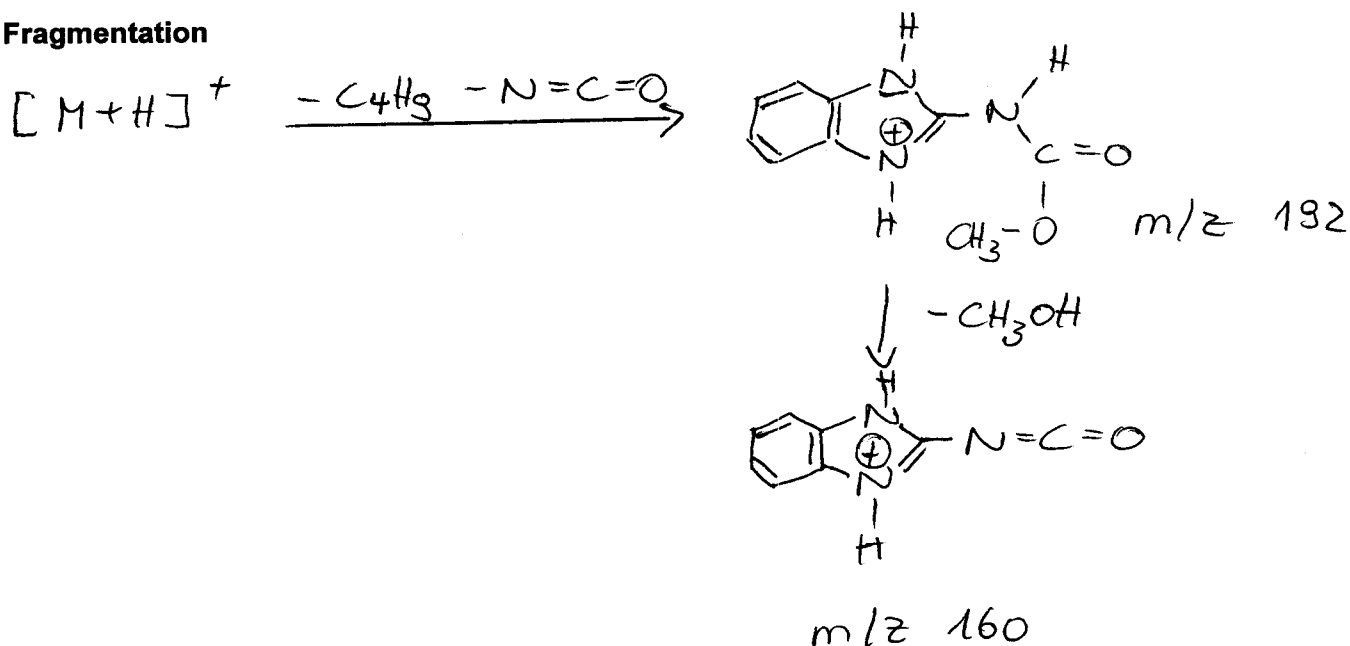
Quasimolecular ion: 291,1 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	291,1 → 160,1	291,1 → 192,2
Declustering potential (DP) <sup>*)</sup>	21V	21 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	7,5 V	12,0 V
Collision cell entrance potential (CEP)	16 V	18 V
Collision energy (CE)	35 V	17 V
Collision cell exit potential (CXP)	8 V	10 V

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

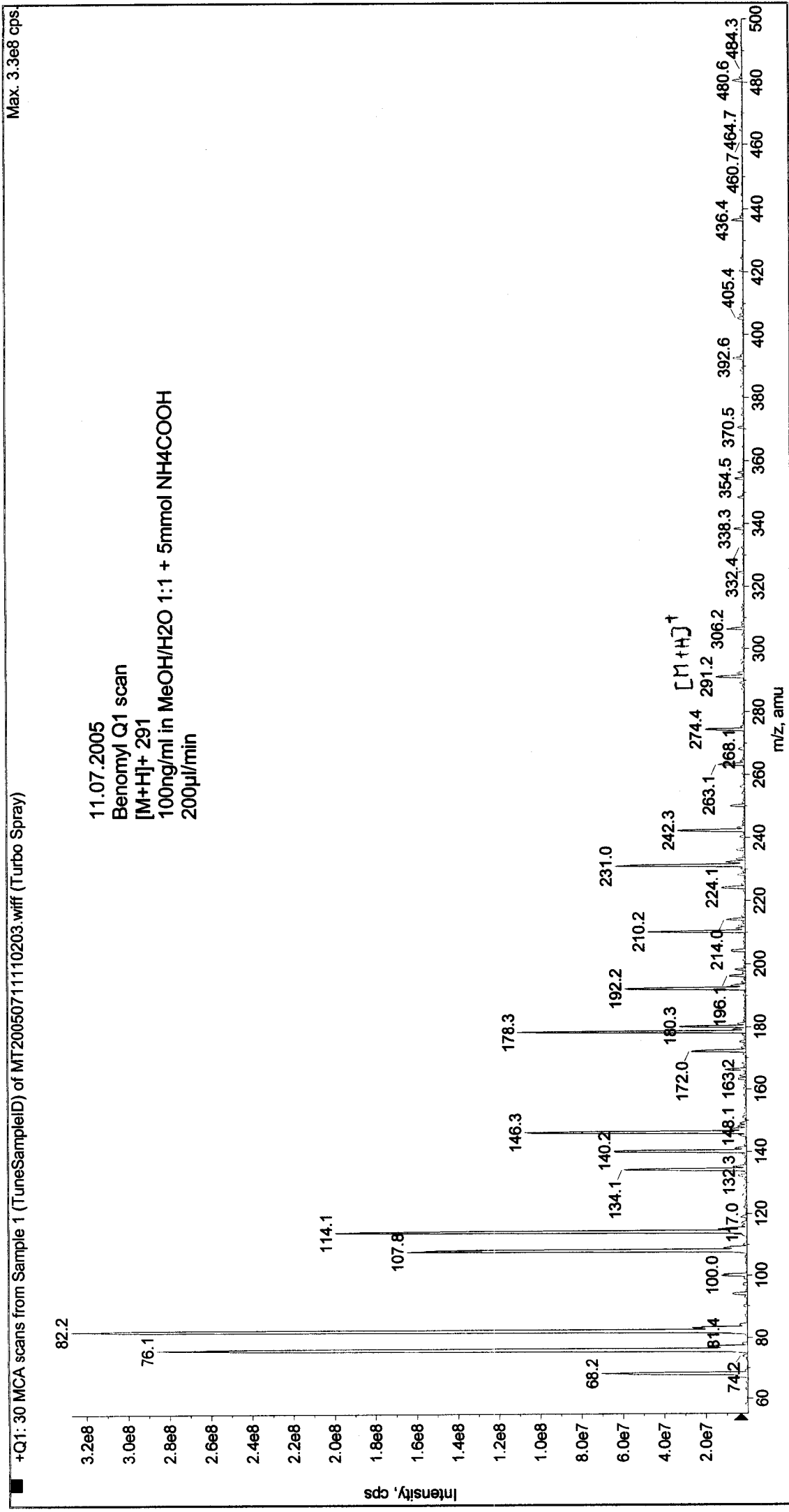
### Fragmentation



Printing Time: 11:04:20  
Printing Date: Monday, July 11, 2005

Acq. Time: 11:02  
Acq. Date: Monday, July 11, 2005  
Acq. File: MT20050711110203.wiff

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



Printing Time: 11:07:14

Printing Date: Monday, July 11, 2005

Acq. Time: 11:05

Acq. Date: Monday, July 11, 2005

Acq. File: MT20050711110504.wiff

Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat

