

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

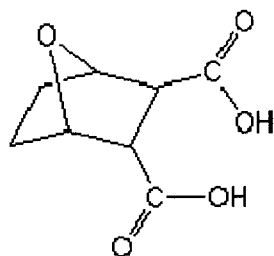
Analyte: Endothal

CAS No.: 145-73-3

Formula: C₈H₁₀O₅

Molecular mass (lowest isotopes): 186,05 amu

Structure:



Ionisation: ESI +

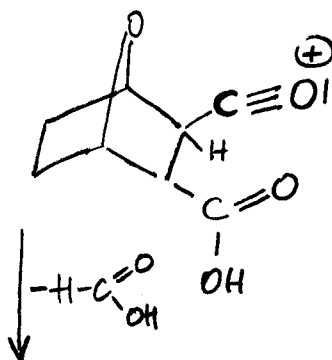
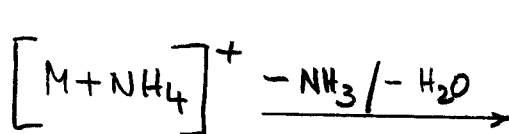
Quasimolecular ion: 204,1 amu = [M+NH₄]⁺

Analyte sensitive parameter set (API 2000)

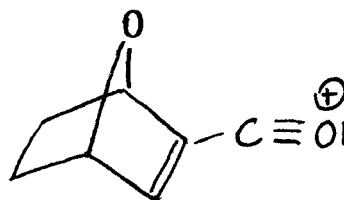
| Transition | 204,1 → 169,2 | 204,1 → 123,0 |
|---|---------------|---------------|
| Declustering potential (DP) ^{*)} | 16 V | 16 V |
| Focusing potential (FP) | 370 V | 370 V |
| Entrance potential (EP) | 10,0 V | 5,0 V |
| Collision cell entrance potential (CEP) | 12 V | 12 V |
| Collision energy (CE) | 15 V | 27 V |
| Collision cell exit potential (CXP) | 8 V | 6 V |

^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



m/z 169



m/z 123

Printing Time: 9:20:27

Printing Date: Monday, July 31, 2006

Acq. Time: 09:18

Acq. Date: Monday, July 31, 2006

Acq. File: MT20060731091824.wiff

Sample Comment:

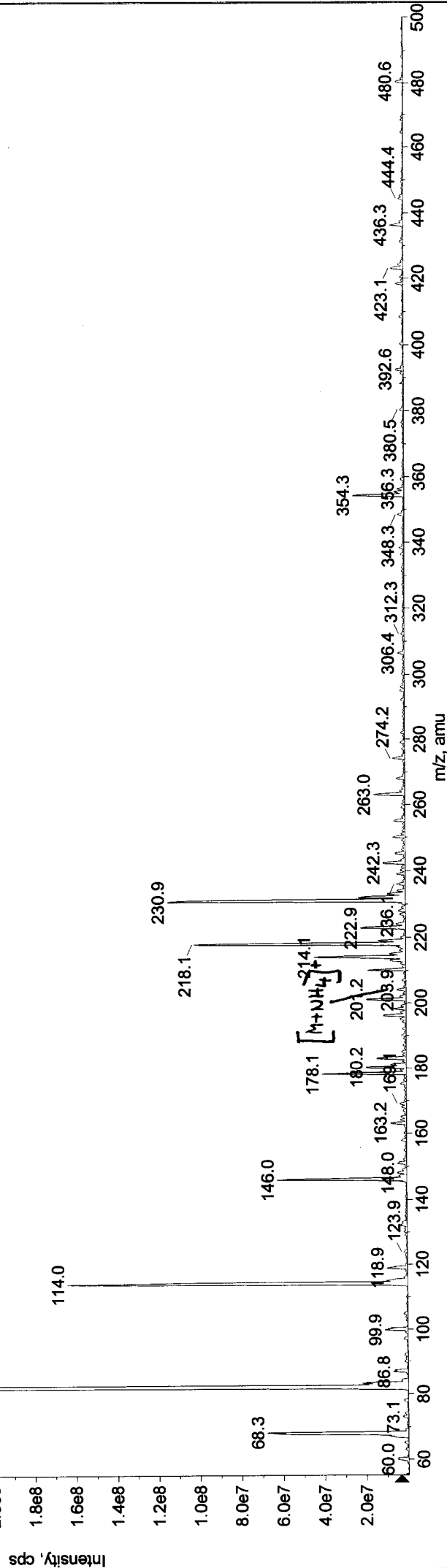
Sample Name: TuneSampleID

Batch Name: ManualTune.bat

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20060731091824.wiff (Turbo Spray)

Max. 3.4e8 cps

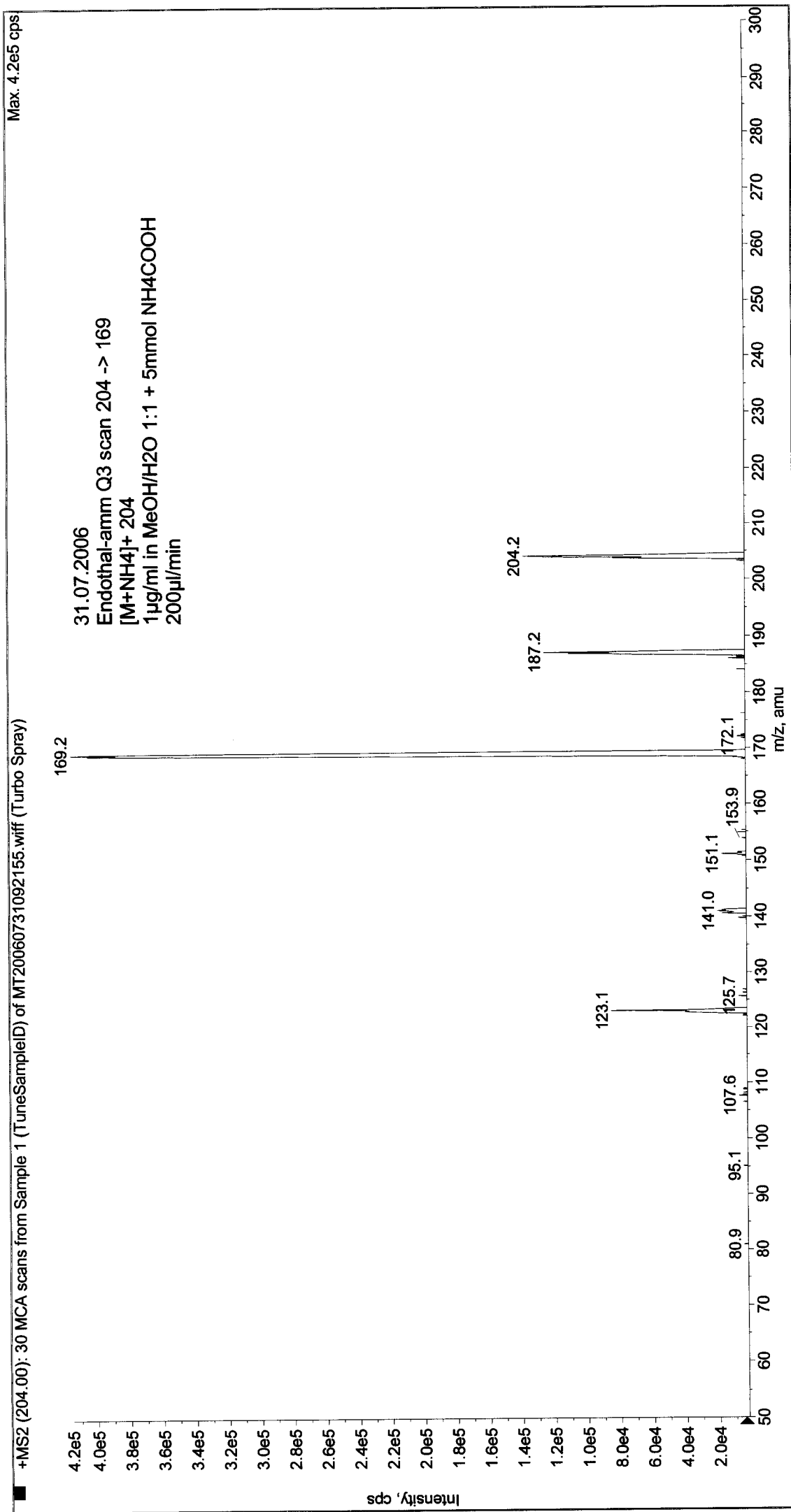
31.07.2006
Endothal-amm Q1 scan
[M+NH₄]⁺ 204
1 µg/ml in MeOH/H₂O 1:1 + 5mmol NH₄COOH
200 µl/min



Printing Time: 9:23:06
Printing Date: Monday, July 31, 2006

Acq. Time: 09:21
Acq. Date: Monday, July 31, 2006
Acq. File: MT20060731092155.wiff

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



Printing Time: 11:10:29
Printing Date: Monday, July 31, 2006

Acq. Time: 11:09
Acq. Date: Monday, July 31, 2006
Acq. File: MT20060731110916.wiff

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

