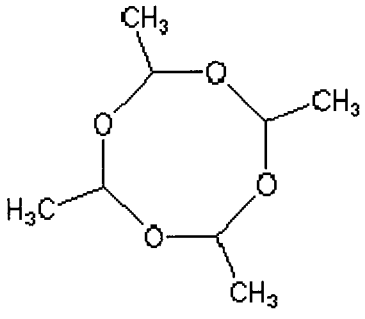
Risiken erkennen – Gesundheit schützen

# MS/MS Parameters of Pesticides

## Analyte: Metaldehyde

CAS No.: 108-62-3
Formula: C8H16O4
Molecular mass (lowest isotopes): 176,10 amu

Structure:



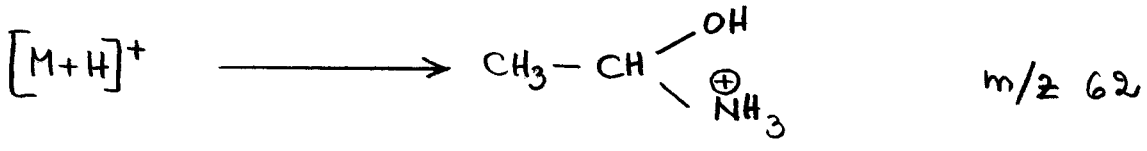
Ionisation: ESI + Quasimolecular ion: 194,1 amu = [M+NH4]+

Analyte sensitive parameter set (API 2000)

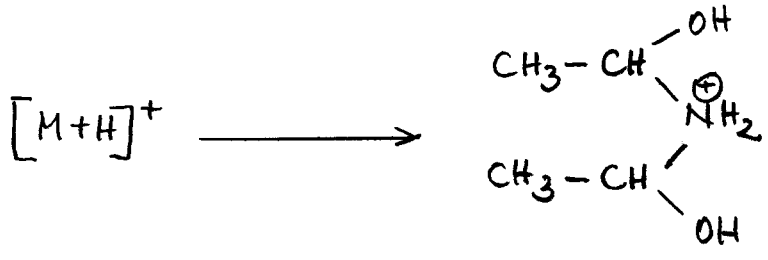
| Transition | 194,1 → 61,9 | 194,1 → 106,0 |
|---|---|---|
| Declustering potential (DP)*) | 19 V | 19 V |
| Focusing potential (FP) | 370 V | 360 V |
| Entrance potential (EP) | 10,0 V | 10,0 V |
| Collision cell entrance potential (CEP) | 14 V | 12 V |
| Collision energy (CE) | 13 V | 9 V |
| Collision cell exit potential (CXP) | 8 V | 6 V |

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

**Fragmentation**




m/z 62




m/z 106

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Printing Date: Thursday, August 31, 2006

Acq. Time: 08:16
Acq. Date: Thursday, August 31, 2006
Acq. File: MT20060831081602.wiff

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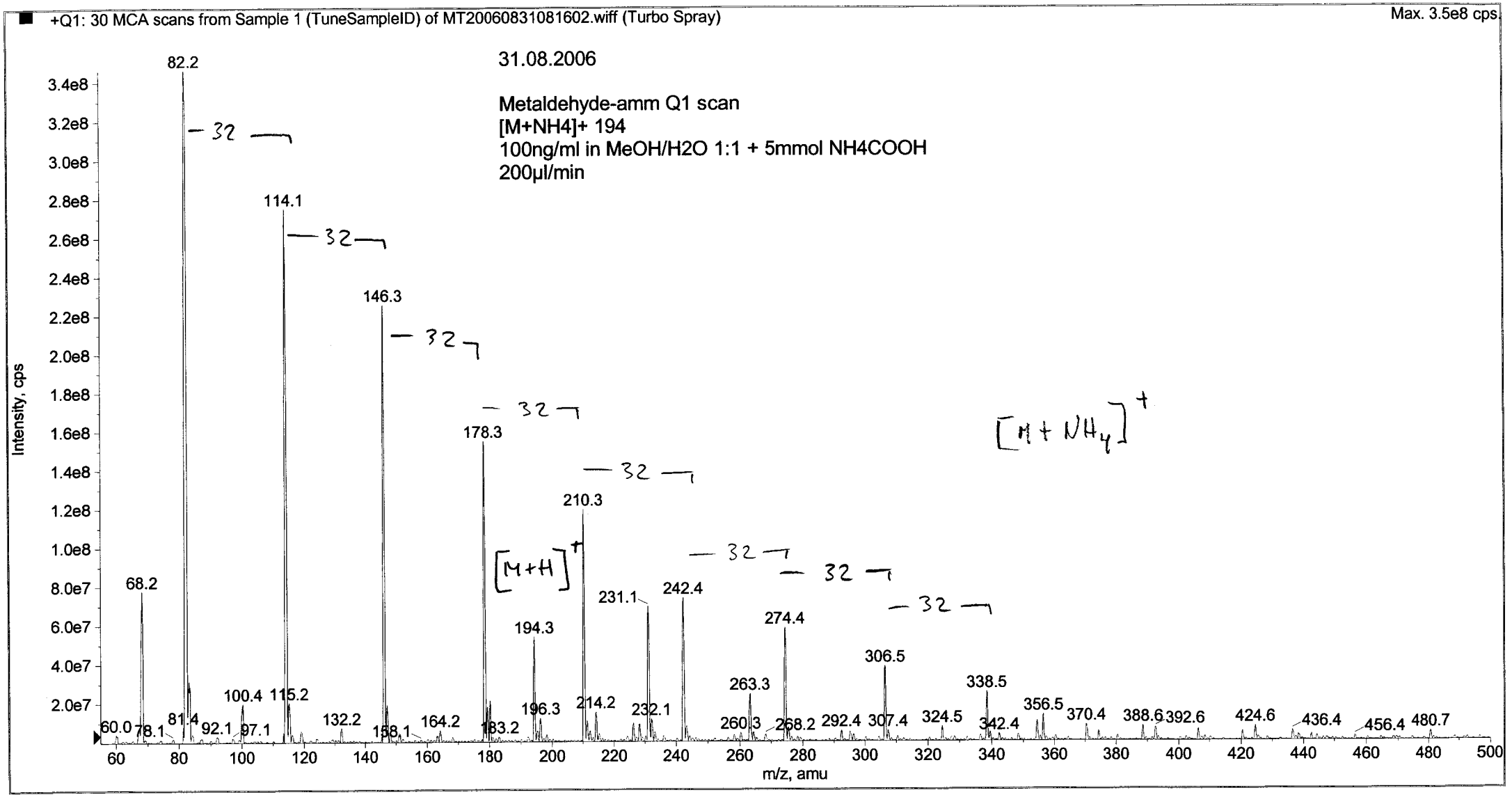
Batch Name: ManualTune.bat



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Acq. Time: 08:19
Acq. Date: Thursday, August 31, 2006
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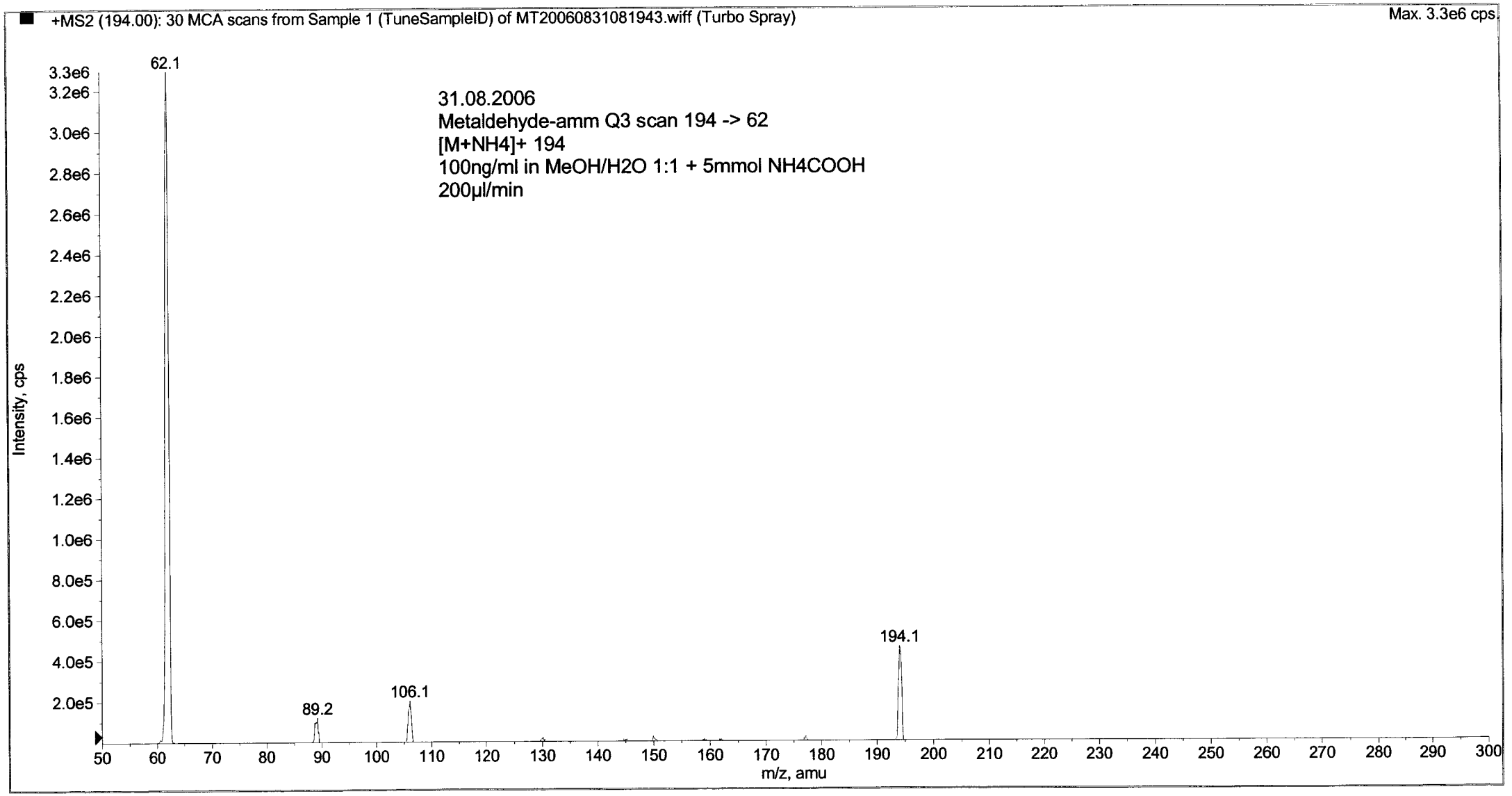
Batch Name: ManualTune.bat



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Printing Date: Thursday, August 31, 2006

Acq. Time: 08:27
Acq. Date: Thursday, August 31, 2006
Acq. File: MT20060831082705.wiff

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