

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

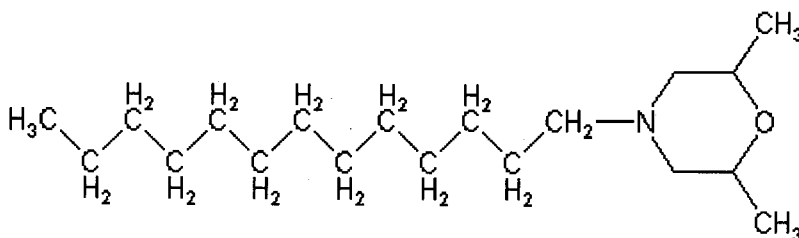
### Analyte: Tridemorph

CAS No.: 24602-86-6

Formula: C<sub>19</sub>H<sub>39</sub>NO

Molecular mass (lowest isotopes): 297,30 amu

Structure:



Ionisation: ESI +

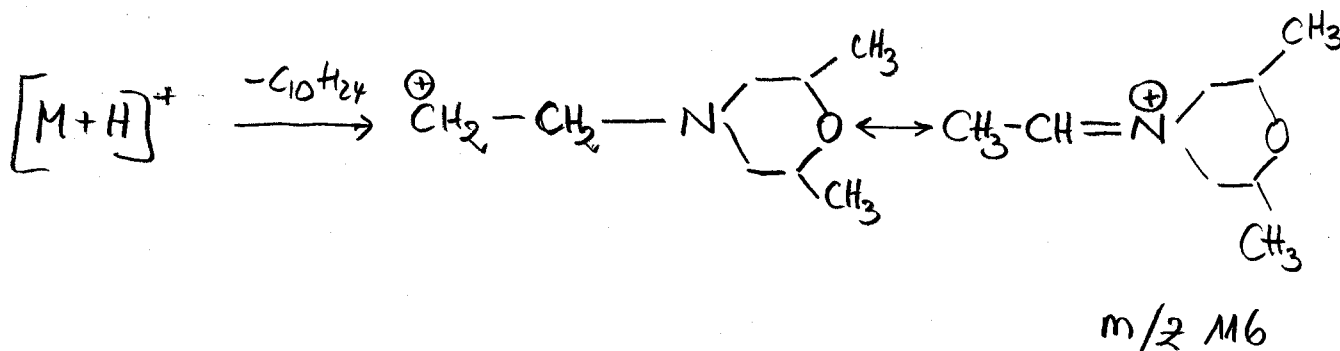
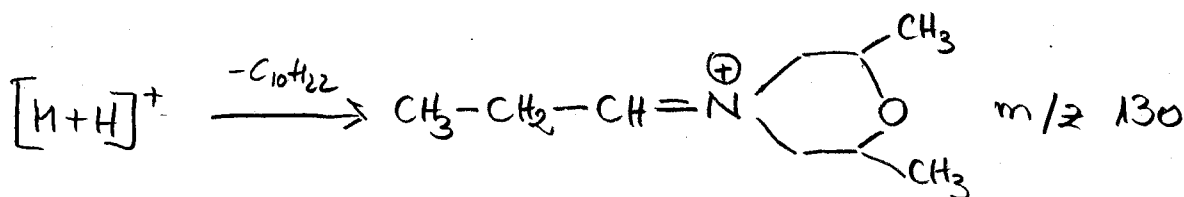
Quasimolecular ion: 298,3 amu = [M+H]<sup>+</sup>

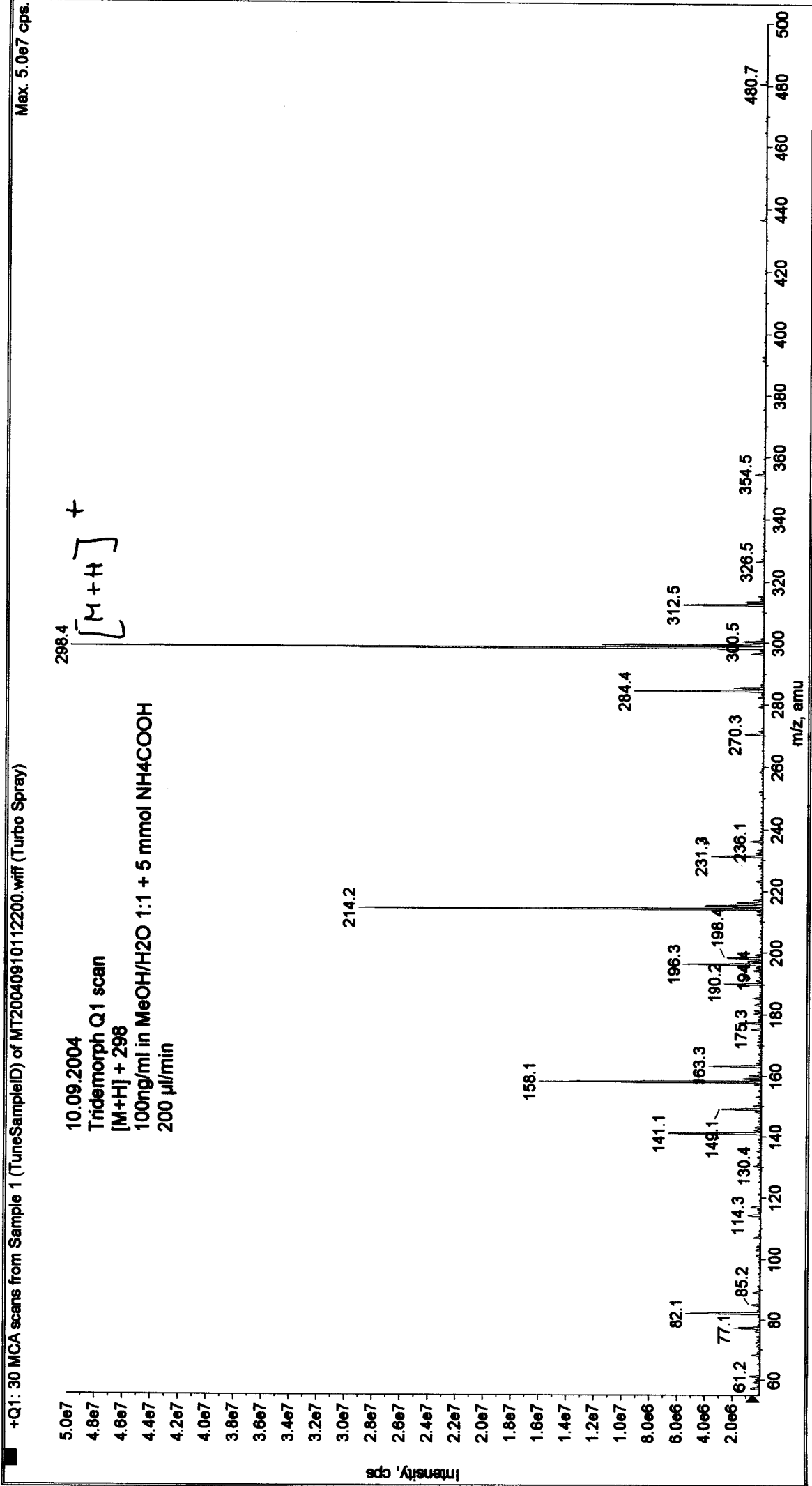
Analyte sensitive parameter set (API 2000)

Transition	298,3 → 130,1	298,3 → 116,1
Declustering potential (DP) <sup>*)</sup>	59V	59 V
Focusing potential (FP)	370 V	340 V
Entrance potential (EP)	11,5 V	10,5 V
Collision cell entrance potential (CEP)	20 V	20 V
Collision energy (CE)	35 V	33 V
Collision cell exit potential (CXP)	6 V	6 V

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

### Fragmentation





Printing Time: 10:28:58

Printing Date: Wednesday, September 15, 2004

Acq. Time: 10:26

Acq. Date: Wednesday, September 15, 2004

Acq. File: MT20040915102645.wiff

Sample Comment:

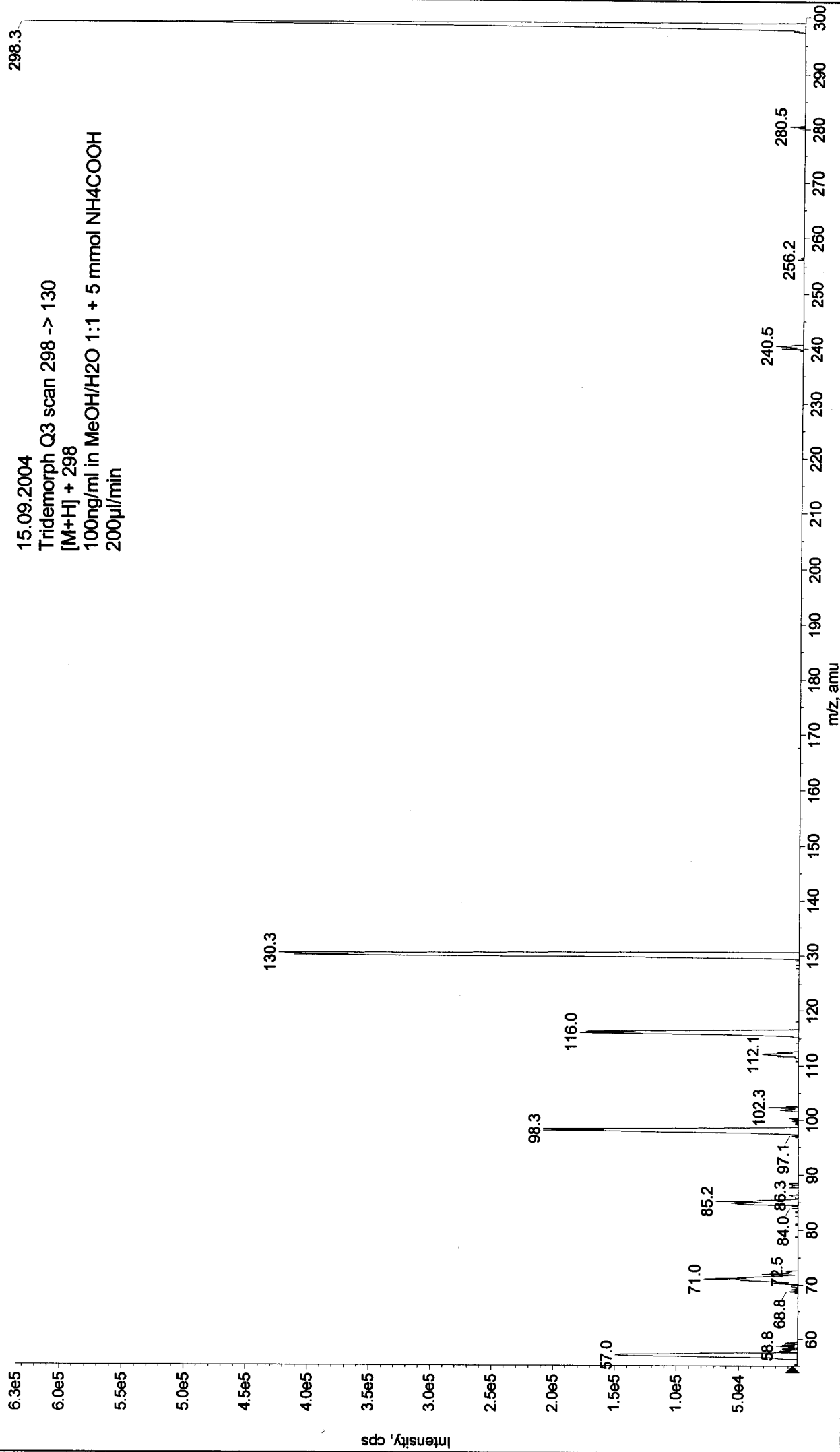
Sample Name: TuneSampleID

Batch Name: ManualTune.bat

+MS2 (298.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040915102645.wiff (Turbo Spray)

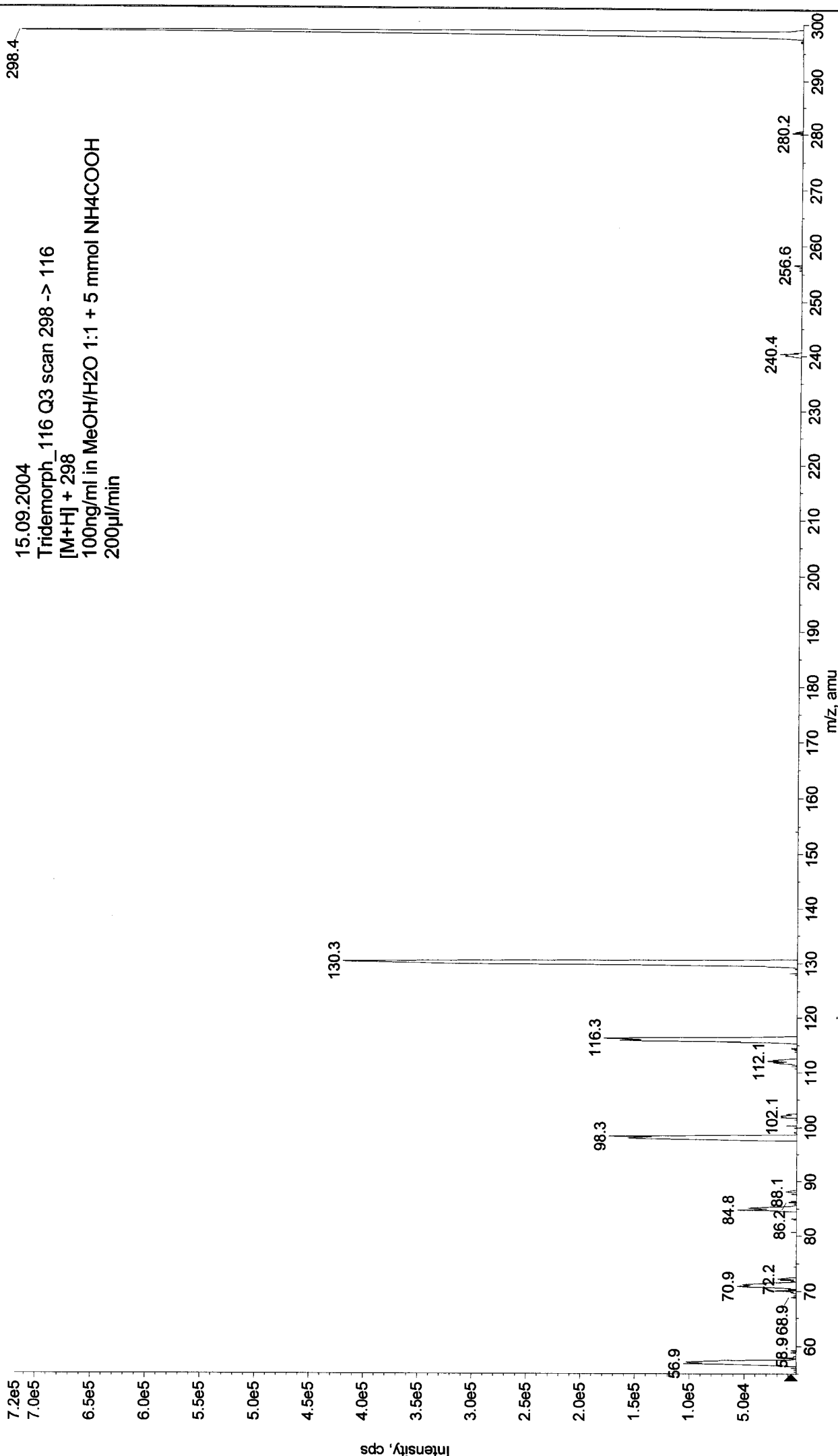
Max. 6.3e5 cps

15.09.2004  
Tridemorph Q3 scan 298 -> 130  
[M+H]<sup>+</sup> + 298  
100ng/ml in MeOH/H<sub>2</sub>O 1:1 + 5 mmol NH<sub>4</sub>COOH  
200µl/min



+MS2 (298.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040915102322.wiff (Turbo Spray)

Max. 7.2e5 cps



15.09.2004

Tridemorph\_116 Q3 scan 298 -> 116

[M+H]<sup>+</sup> + 298

100ng/ml in MeOH/H<sub>2</sub>O 1:1 + 5 mmol NH<sub>4</sub>COOH

200µl/min