

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

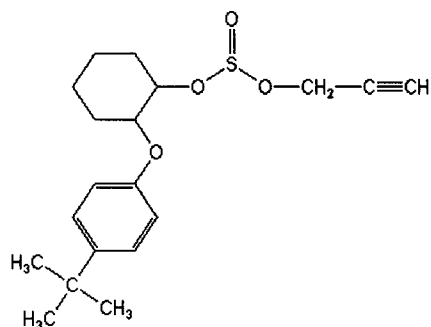
### Analyte: Propargite

CAS No.: 2312-35-8

Formula: C<sub>19</sub>H<sub>26</sub>O<sub>4</sub>S

Molecular mass (lowest isotopes): 350,16 amu

Structure:



Ionisation: ESI +

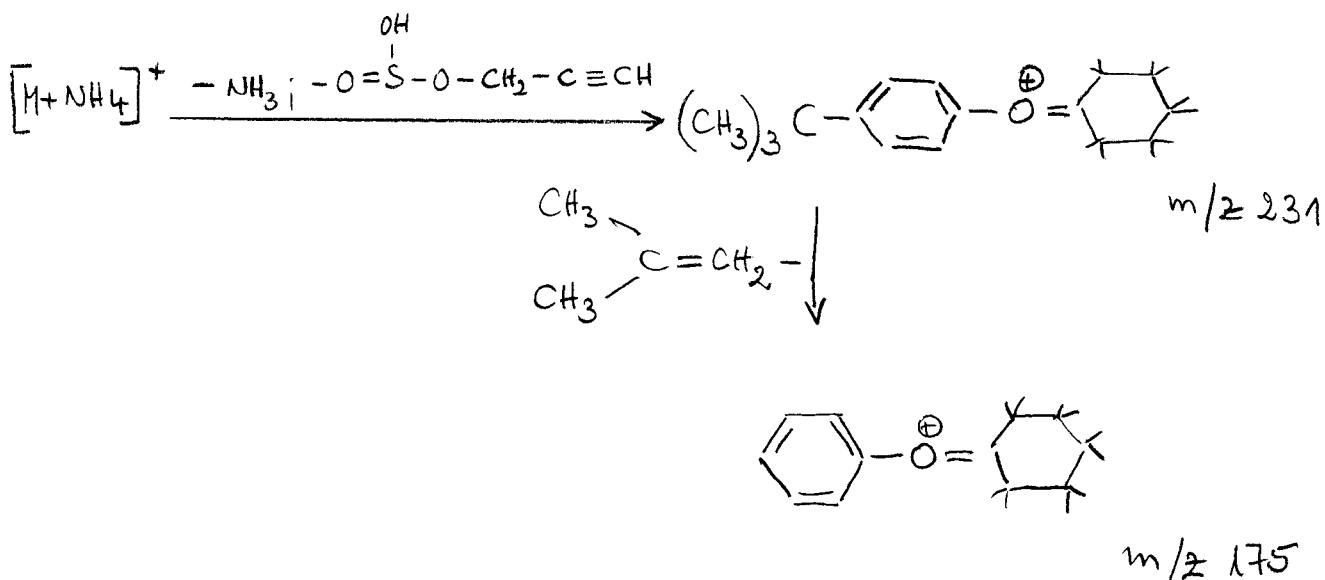
Quasimolecular ion: 368,1 amu = [M+NH<sub>4</sub>]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

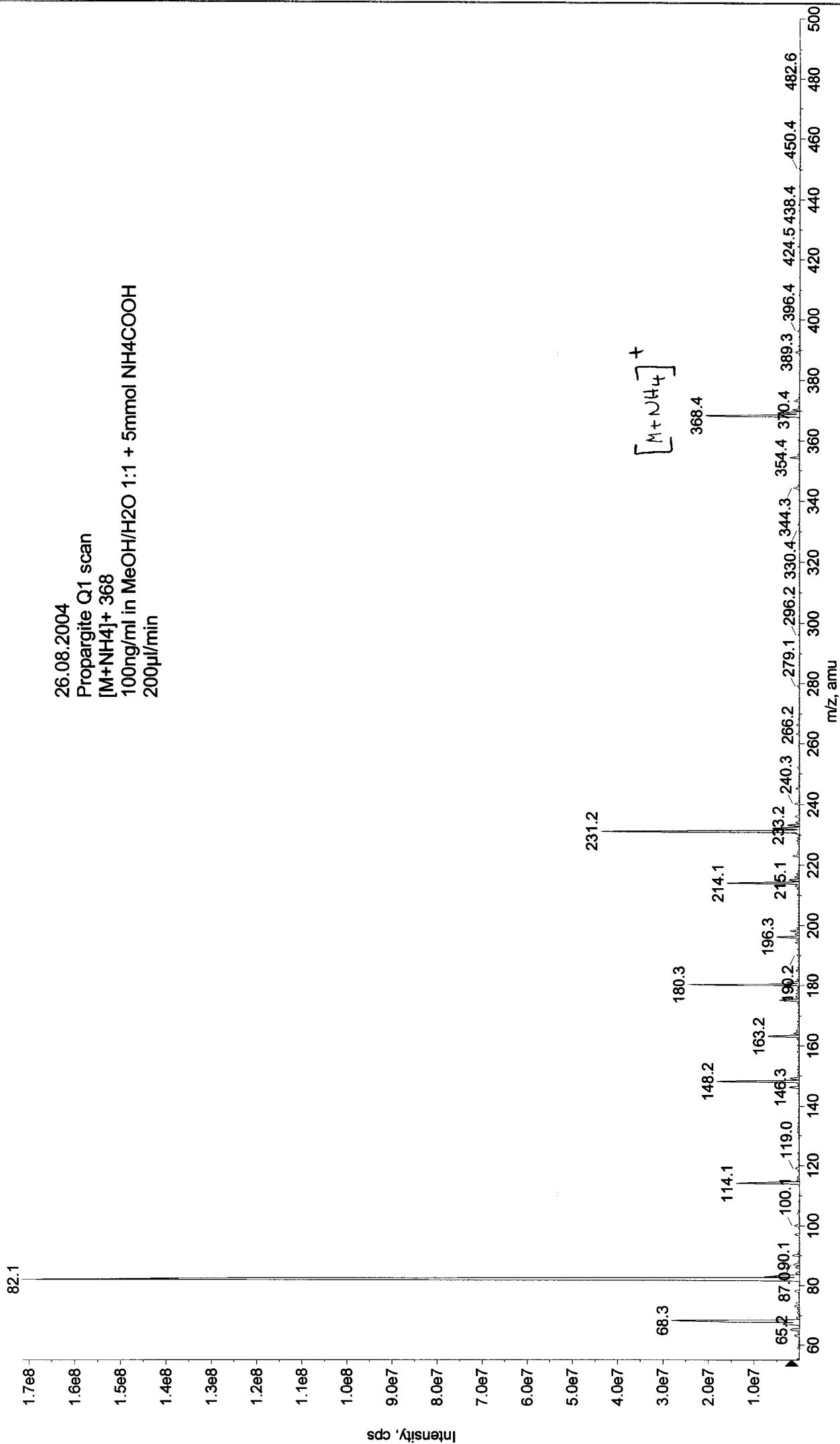
Transition	368,1 → 175,1	368,1 → 231,2
Declustering potential (DP) <sup>*)</sup>	4 V	4 V
Focusing potential (FP)	360 V	370 V
Entrance potential (EP)	9,0 V	8,0 V
Collision cell entrance potential (CEP)	26 V	22 V
Collision energy (CE)	21 V	17 V
Collision cell exit potential (CXP)	8 V	12 V

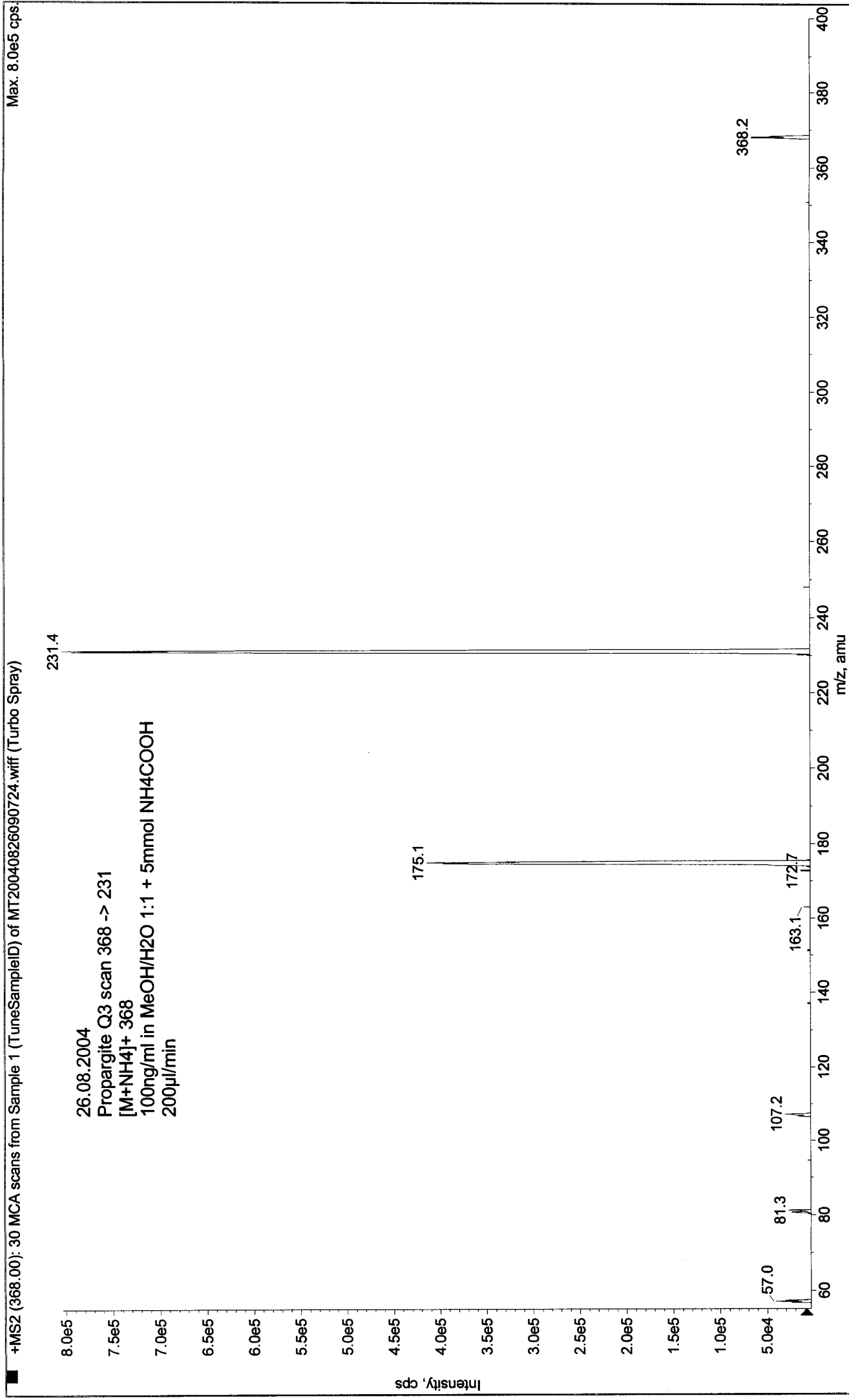
<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

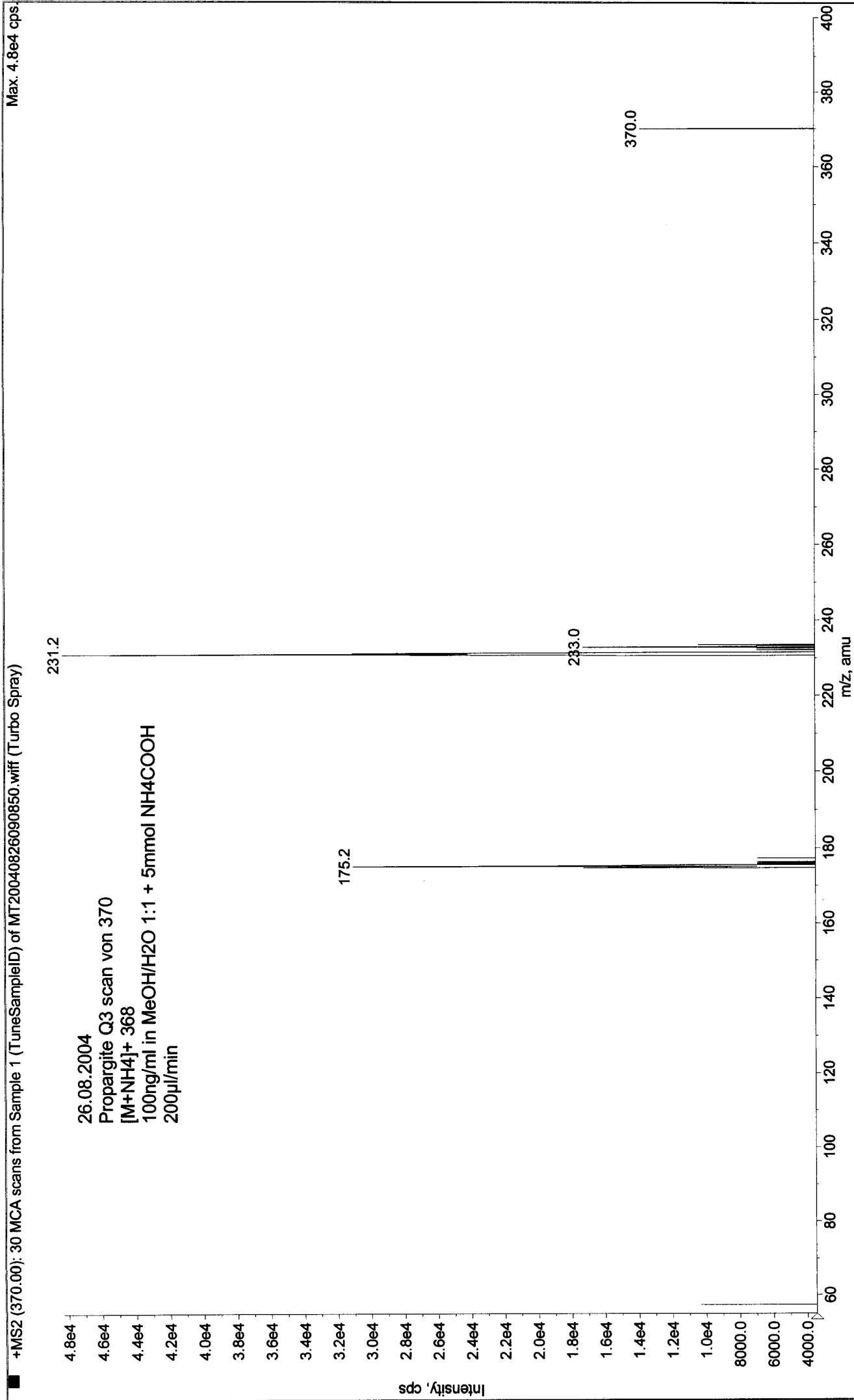
### Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040826090319.wiff (Turbo Spray)      Max. 1.7e8 cps







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

Acq. Time: 09:16  
Acq. Date: Thursday, August 26, 2004  
Acq. File: MT20040826091655.wiff

Printing Time: 9:17:55  
Printing Date: Thursday, August 26, 2004

Max. 6.7e5 cps.  
+MS2 (368.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040826091655.wiff (Turbo Spray)

