

## MS/MS Parameters of Pesticides

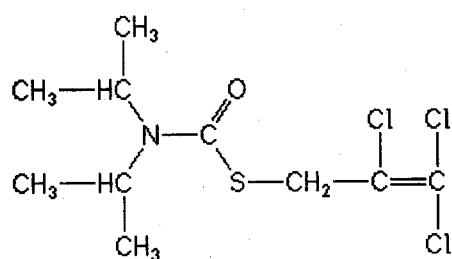
### Analyte: Tri-allate

CAS No.: 2303-17-5

Formula: C<sub>10</sub>H<sub>16</sub>Cl<sub>3</sub>NOS

Molecular mass (lowest isotopes): 303,00 amu

Structure:



Ionisation: ESI +

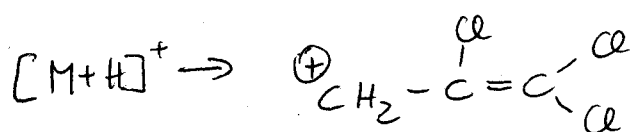
Quasimolecular ion: 304,0 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

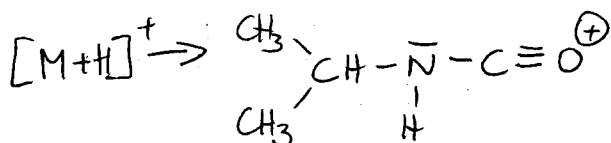
Transition	304,0 → 142,9	304,0 → 86,1
Declustering potential (DP) <sup>*)</sup>	51 V	51 V
Focusing potential (FP)	360 V	110 V
Entrance potential (EP)	11,5 V	11,5 V
Collision cell entrance potential (CEP)	20 V	22 V
Collision energy (CE)	35 V	23 V
Collision cell exit potential (CXP)	8 V	4 V

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

### Fragmentation



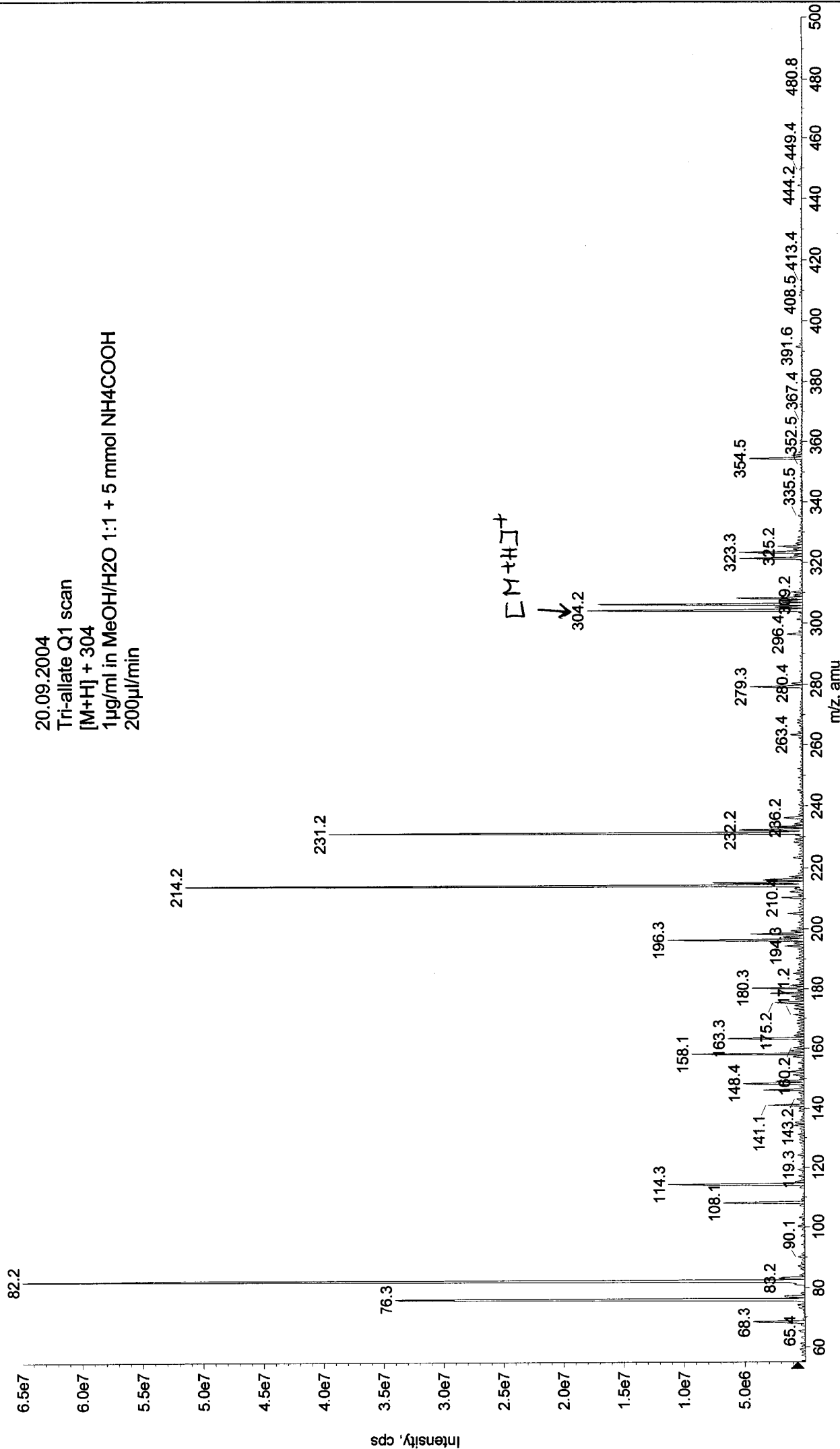
m/z 143 | 145



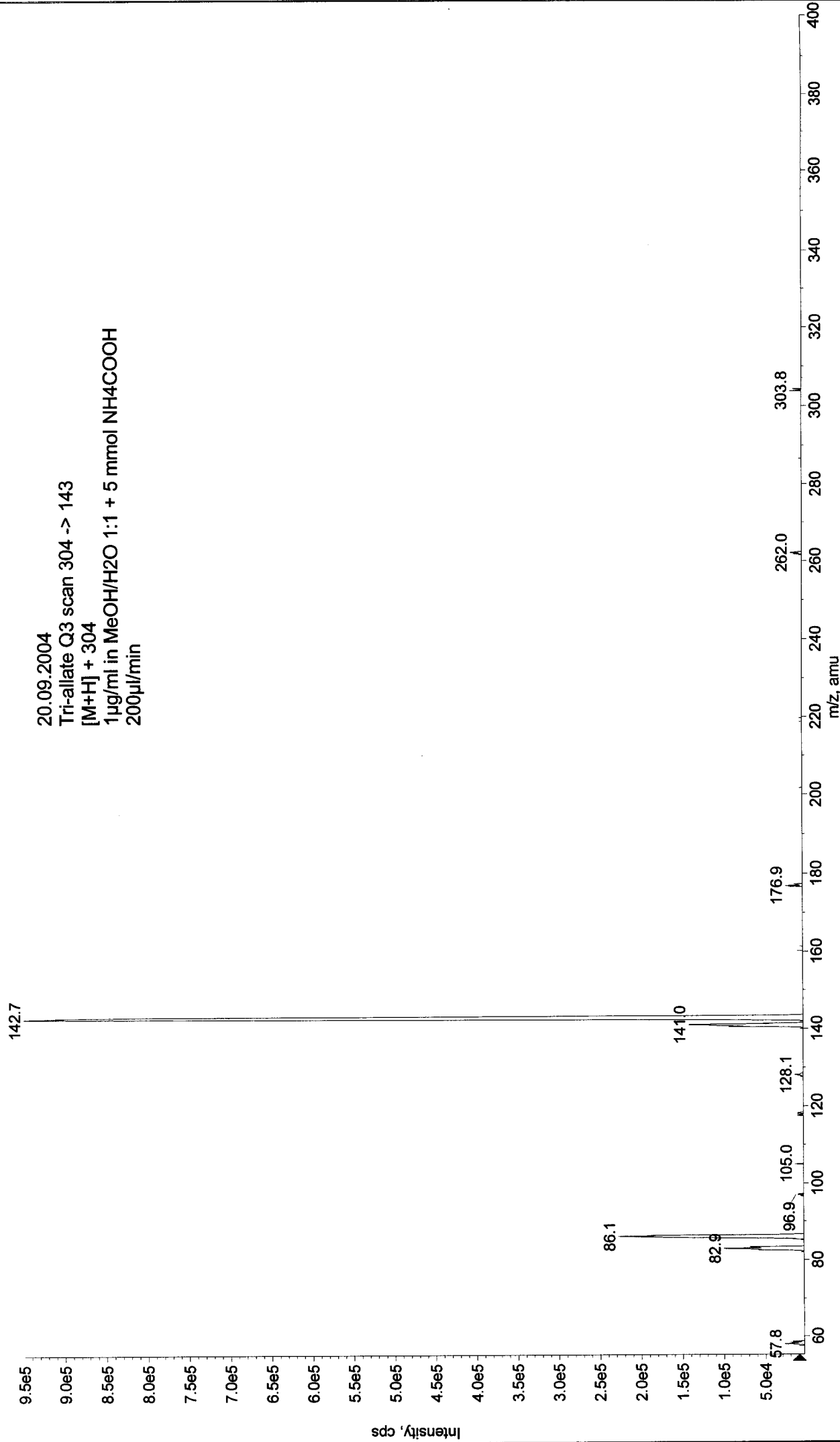
m/z 86

■ +Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040920120434.wiff (Turbo Spray)

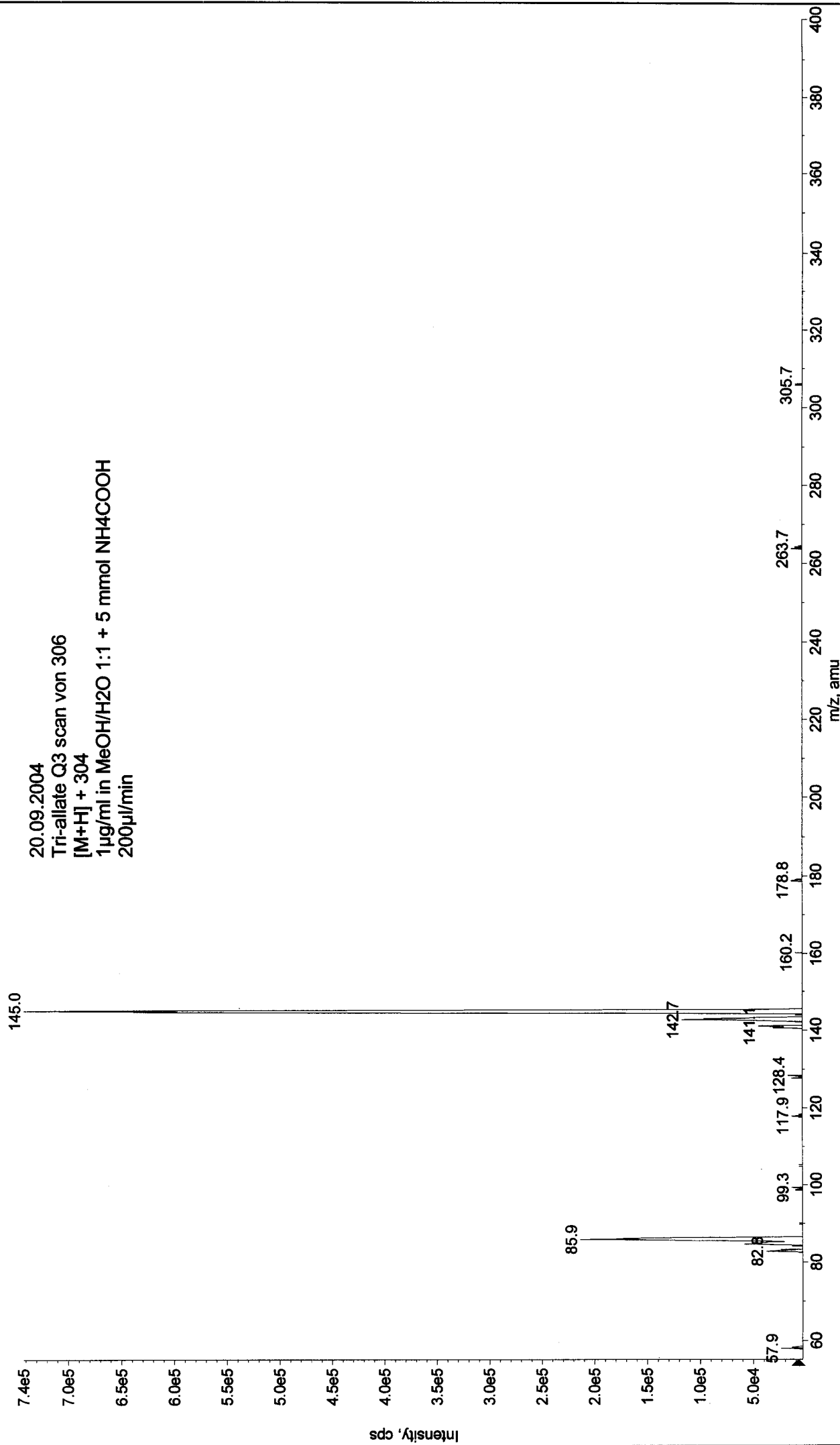
Max. 6.5e7 cps



+MS2 (304.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040920120822.wiff (Turbo Spray) Max. 9.5e5 cps.



+MS2 (306.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040920122536.wiff (Turbo Spray) Max. 7.4e5 cps.



Max. 9.0e5 cps.

+MS2 (304.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040920124353.wiff (Turbo Spray)

