

## MS/MS Parameters of Pesticides

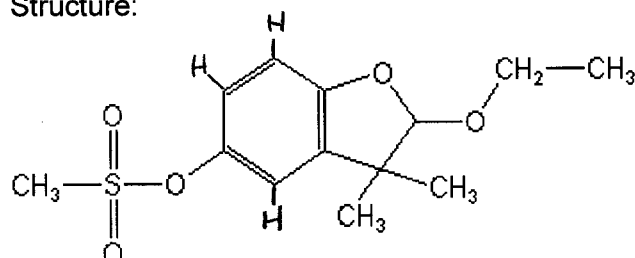
### Analyte: Ethofumesate

CAS No.: 26225-79-6

Formula: C<sub>13</sub>H<sub>18</sub>O<sub>5</sub>S

Molecular mass (lowest isotopes): 286,09 amu

Structure:



Ionisation: ESI +

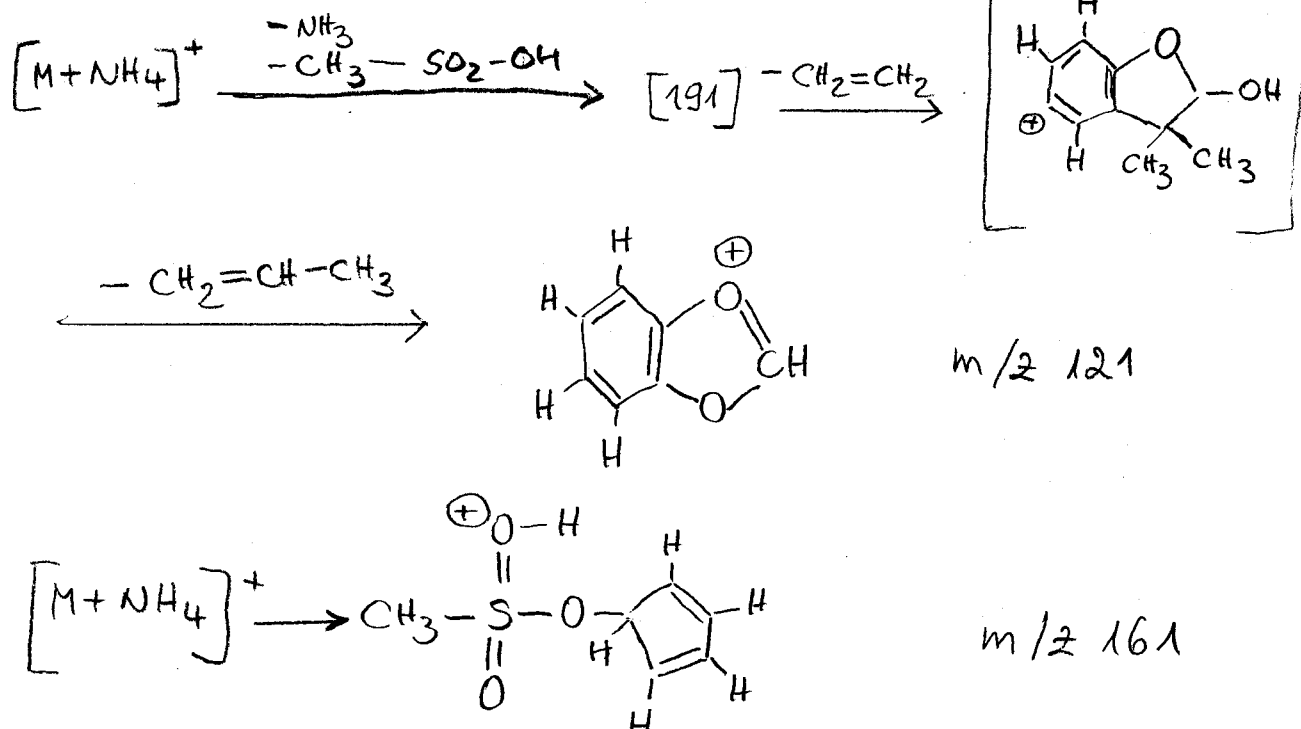
Quasimolecular ion: 304,1 amu = [M+NH<sub>4</sub>]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

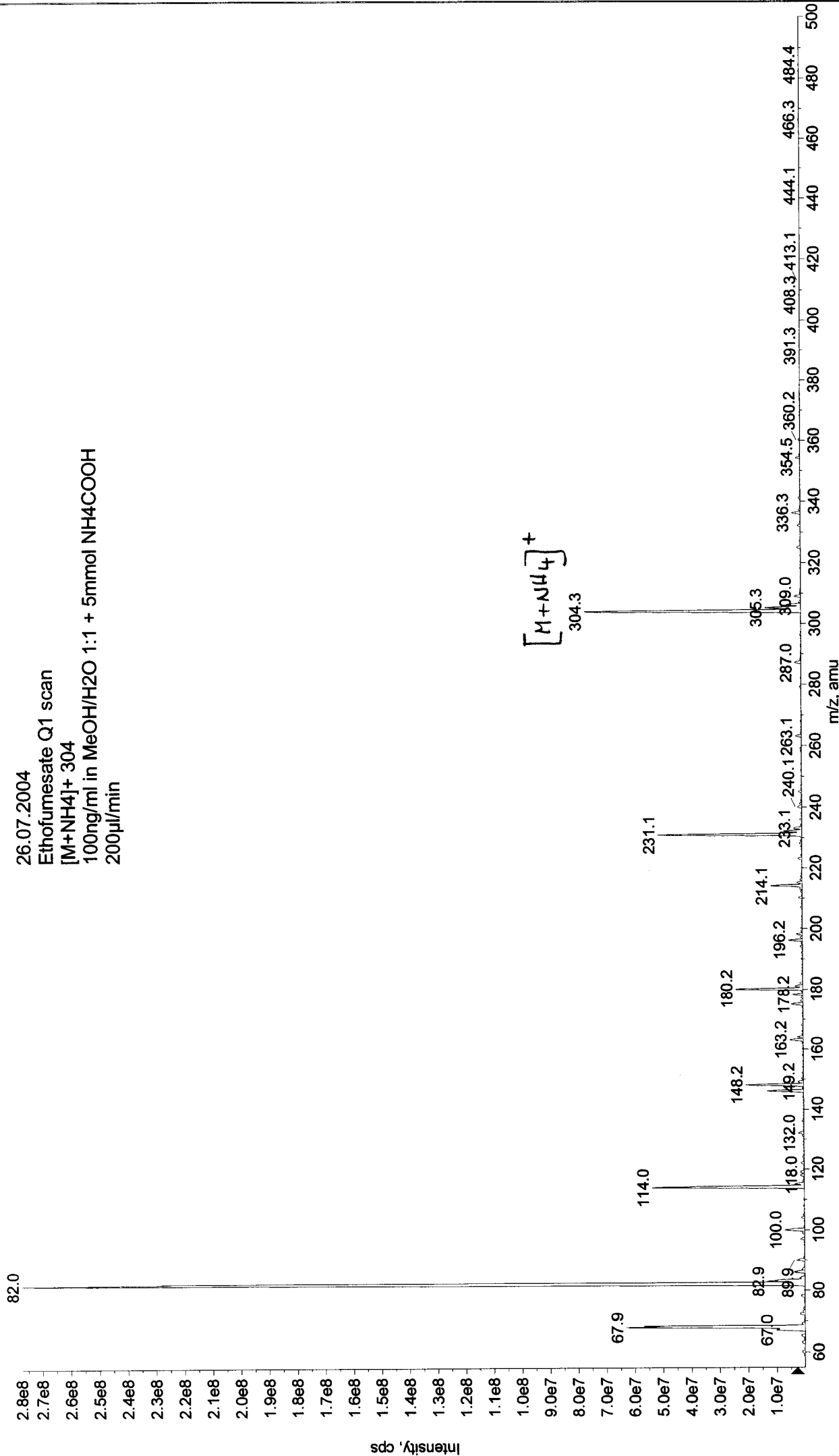
Transition	304,1 → 121,1	304,1 → 161,2
Declustering potential (DP) <sup>*)</sup>	24 V	24 V
Focusing potential (FP)	70 V	360 V
Entrance potential (EP)	11,0 V	10,5 V
Collision cell entrance potential (CEP)	22 V	20 V
Collision energy (CE)	27 V	31 V
Collision cell exit potential (CXP)	6 V	8 V

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

### Fragmentation

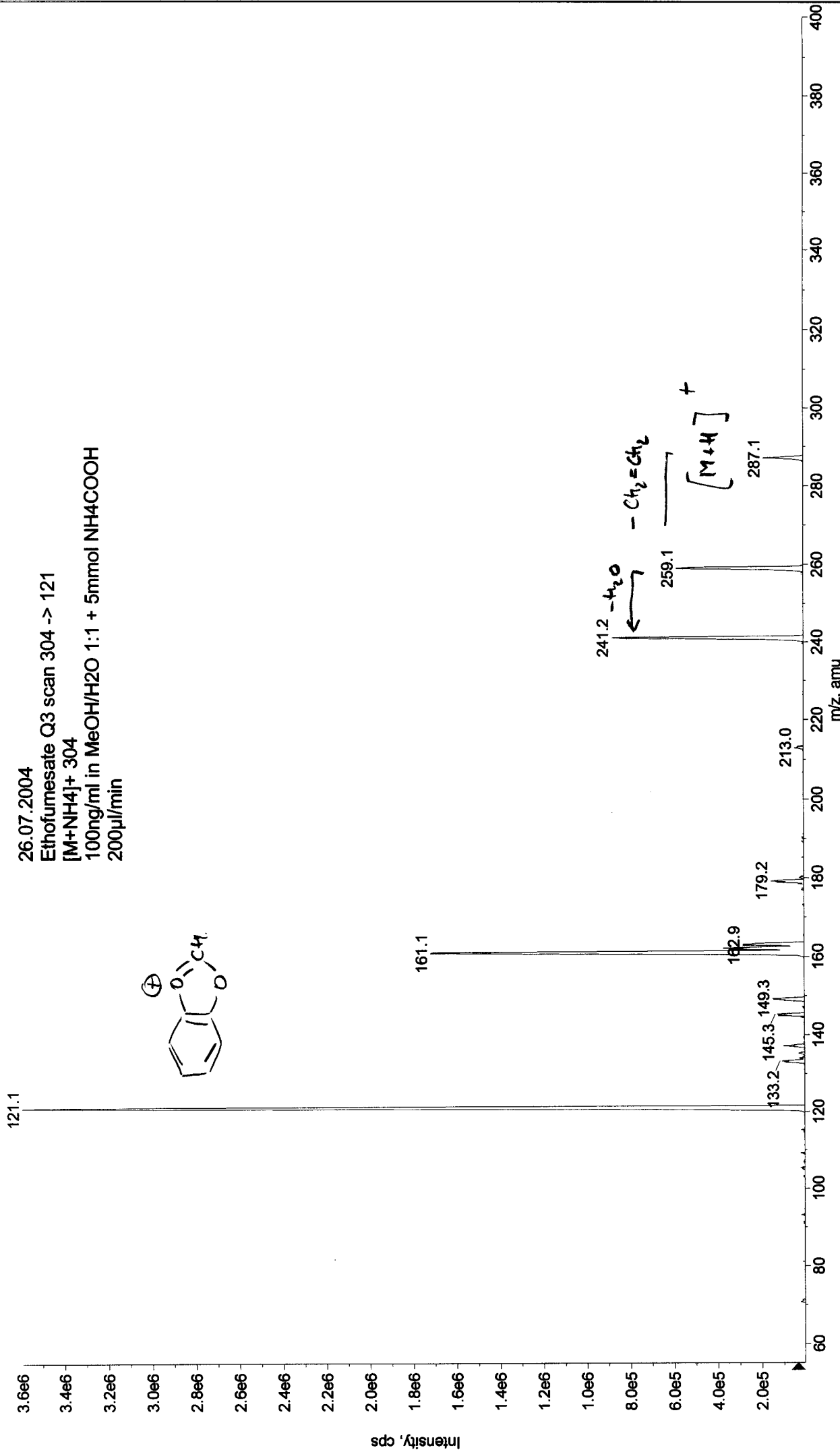


+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040726092037.wiff (Turbo Spray)



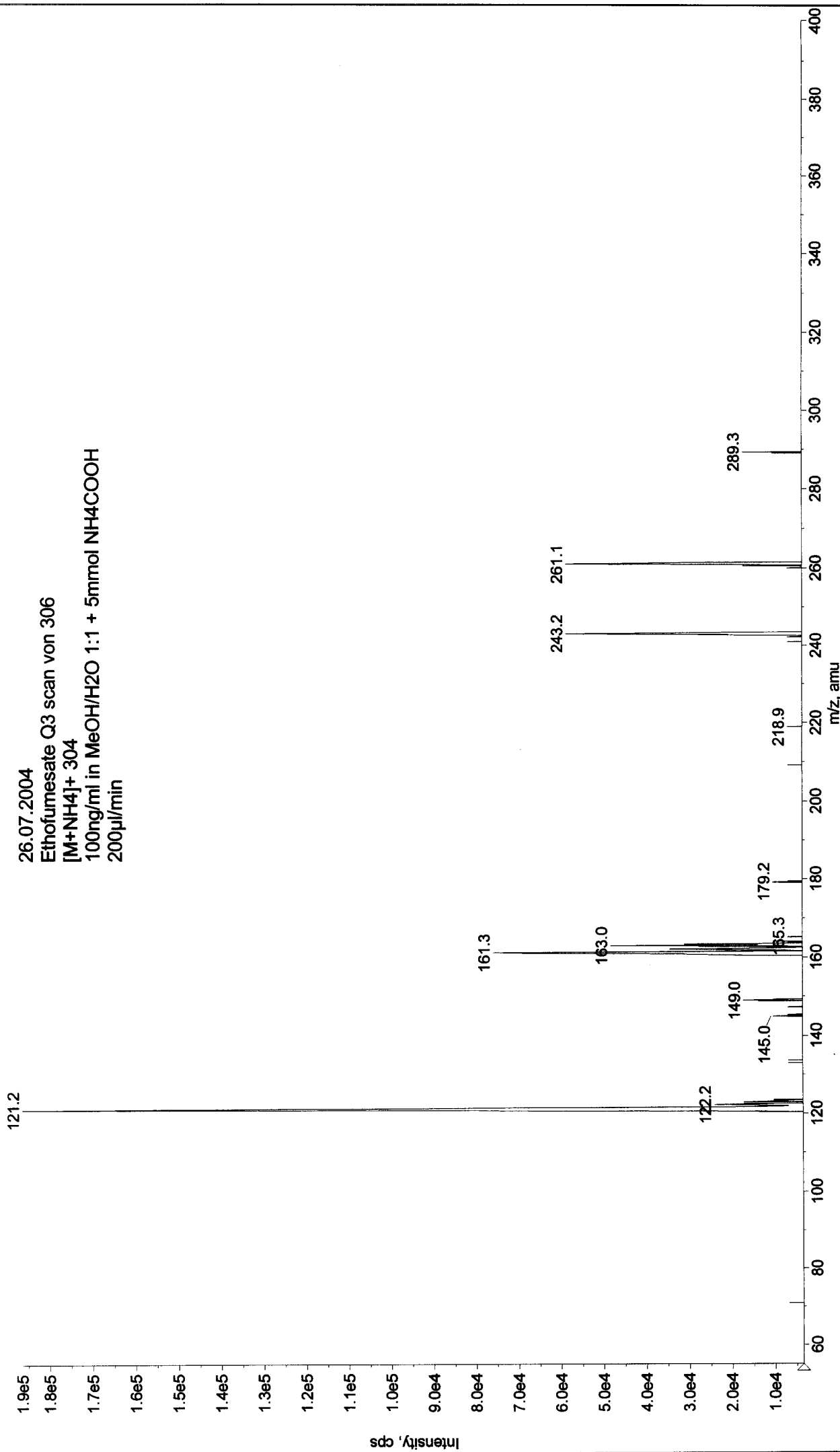
Max. 3.6e6 cps.

+MS2 (304.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040726092305.wiff (Turbo Spray)



+MS2 (306.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040726092417.wiff (Turbo Spray)

Max. 1.9e5 cps



Max. 9.8e5 cps  
 +MS2 (304.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040726102512.wiff (Turbo Spray)

