

## MS/MS Parameters of Pesticides

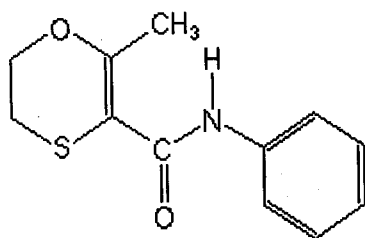
### Analyte: Carboxin

CAS No.: 5234-68-4

Formula: C<sub>12</sub>H<sub>13</sub>NO<sub>2</sub>S

Molecular mass (lowest isotopes): 235,10 amu

Structure:



Ionisation: ESI +

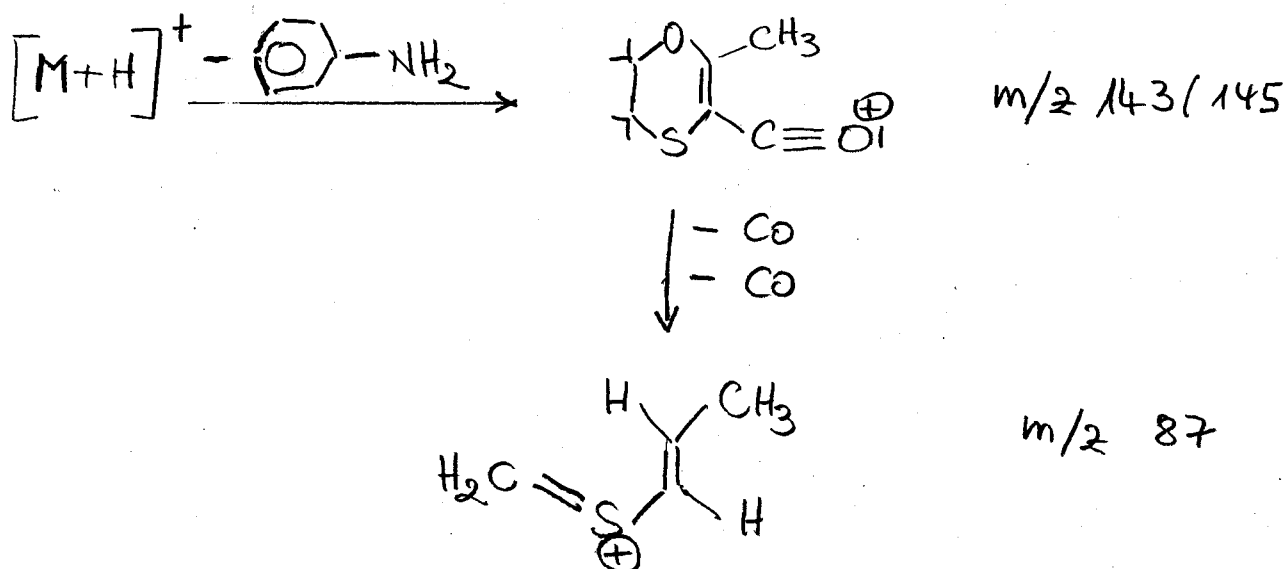
Quasimolecular ion: 236,1 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

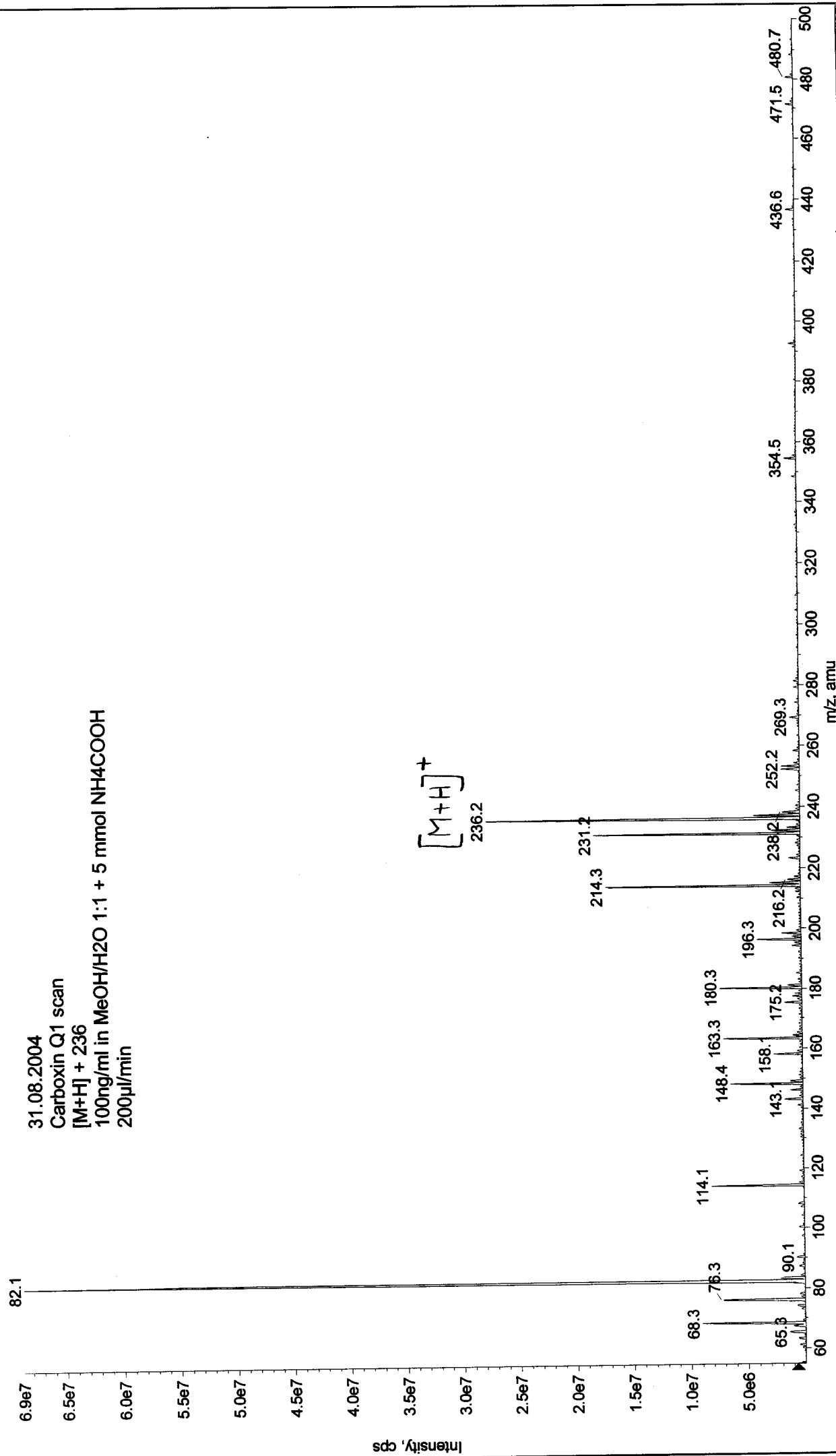
Transition	236,1 → 142,9	236,1 → 86,9
Declustering potential (DP) <sup>*)</sup>	24 V	24 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	8,0 V	12,0 V
Collision cell entrance potential (CEP)	14 V	14 V
Collision energy (CE)	21 V	33 V
Collision cell exit potential (CXP)	8 V	6 V

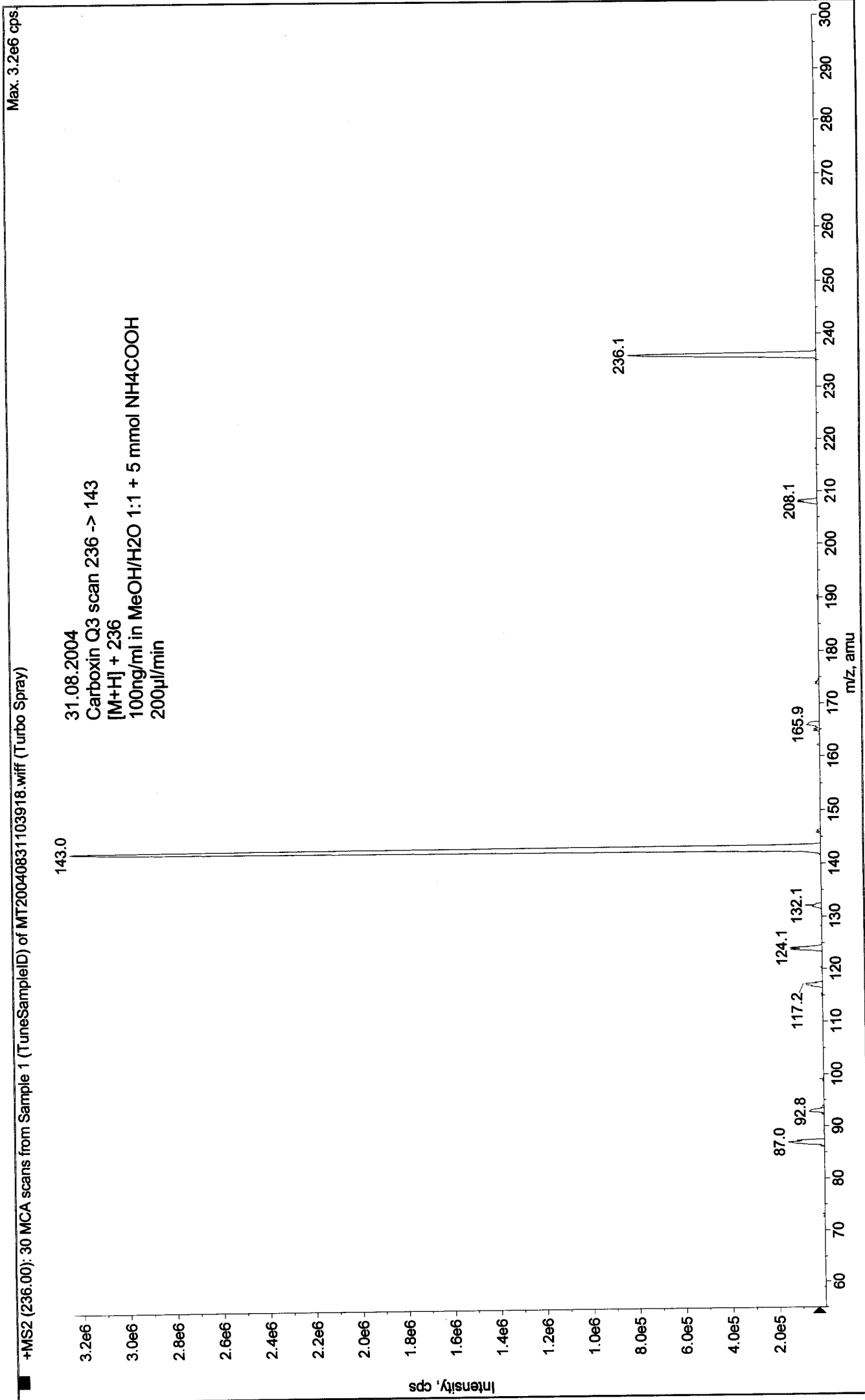
<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

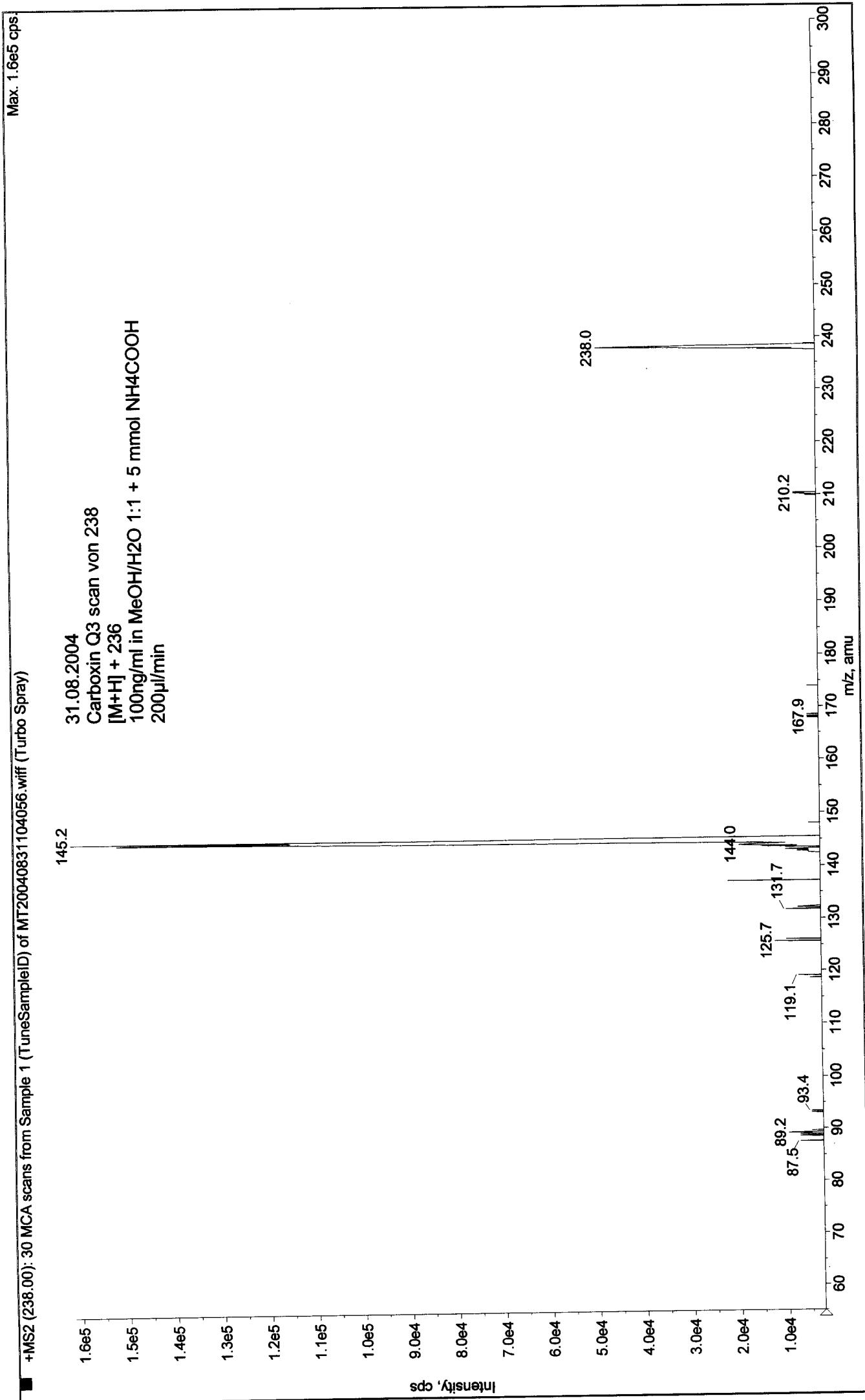
### Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040831103651.wiff (Turbo Spray)







Max. 1.6e6 cps

+MS2 (236.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040831105612.wiff (Turbo Spray)

