Method Development Report

MS1 Resolution	0.75
MS2 Resolution	0.75
Calibration Method	C:\MassLynx\IntelliStart\Results\Unit Mass Resolution\Calibration_20141016_2.cal
Tune Method	C:\Massdata2014\MHBMA.PRO\ACQUDB\MHBMA .IPR
Cone Voltage Range	2 - 100
Collision Energy Range	2 - 80
Lowest Fragment Mass	80.00
Excluded Losses	18.00, 44.00

Date: Generated on Wed 04 Mar 2015 at 13:03

Results

IntelliStart generated the following experiments:

MRM Experiment	C:\Massdata2014\MHBMA.PRO\ACQUDB\DHBMA-15-03-04.exp

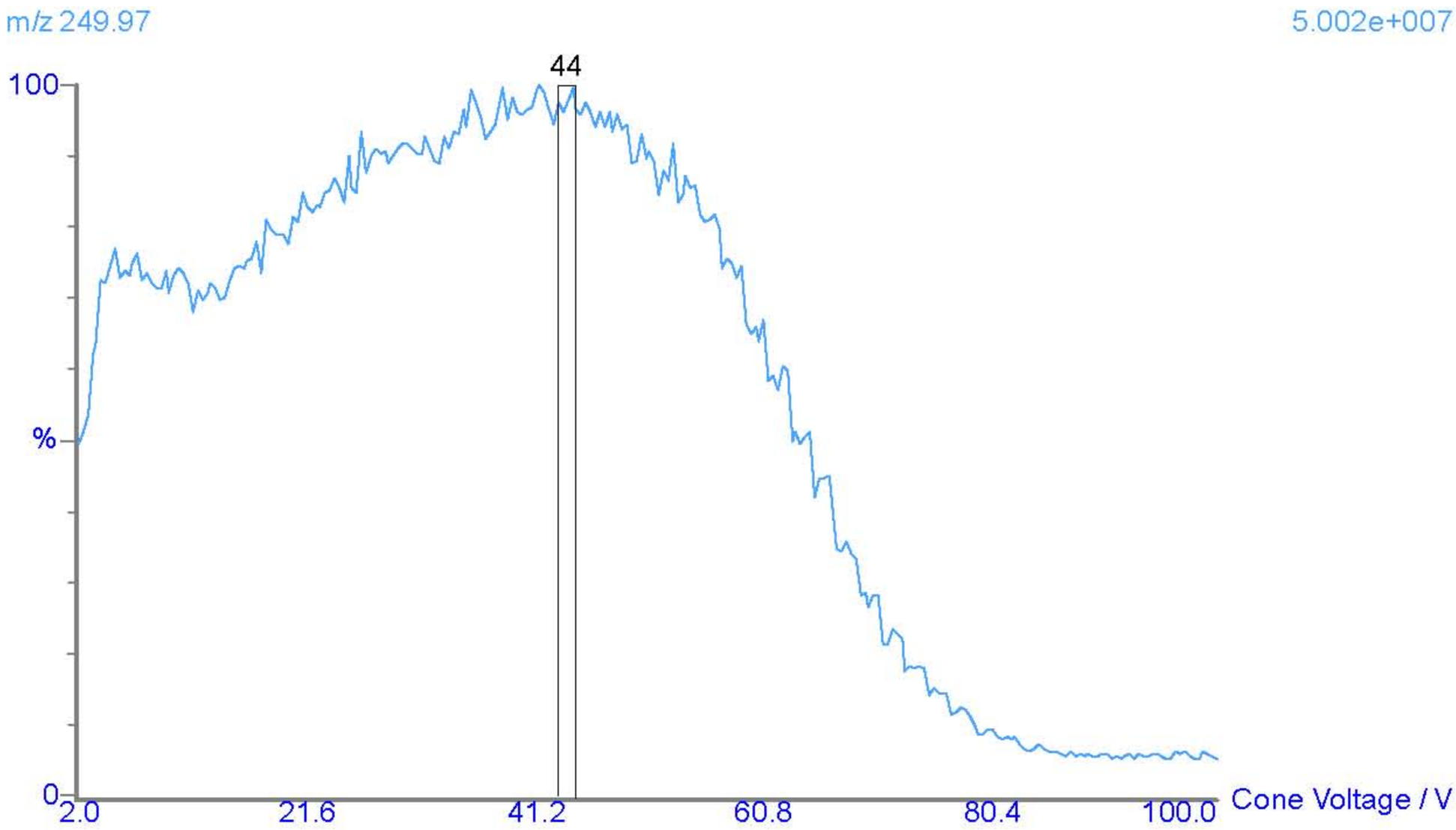
IntelliStart found the following compounds:

Compound	Formula/Mass		Parent m/z	Cone Voltage	Daughters	Collision Energy	Ion Mode
DHBMA	251	1	249.97	44	121.08	14	ES-
		2	249.97	44	128.04	12	ES-
		3	249.97	44	103.04	14	ES-

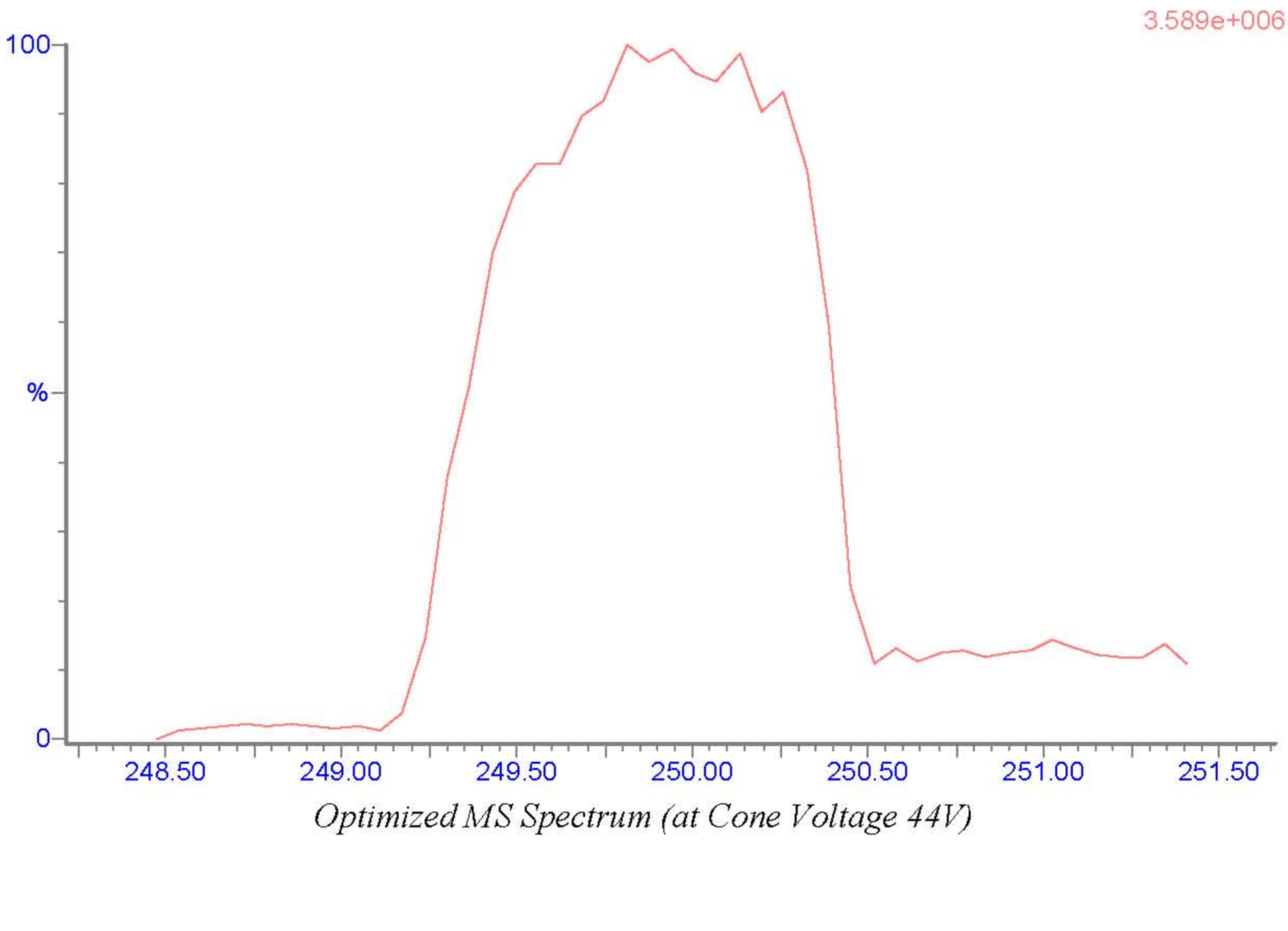
Compound

DHBMA
(251)

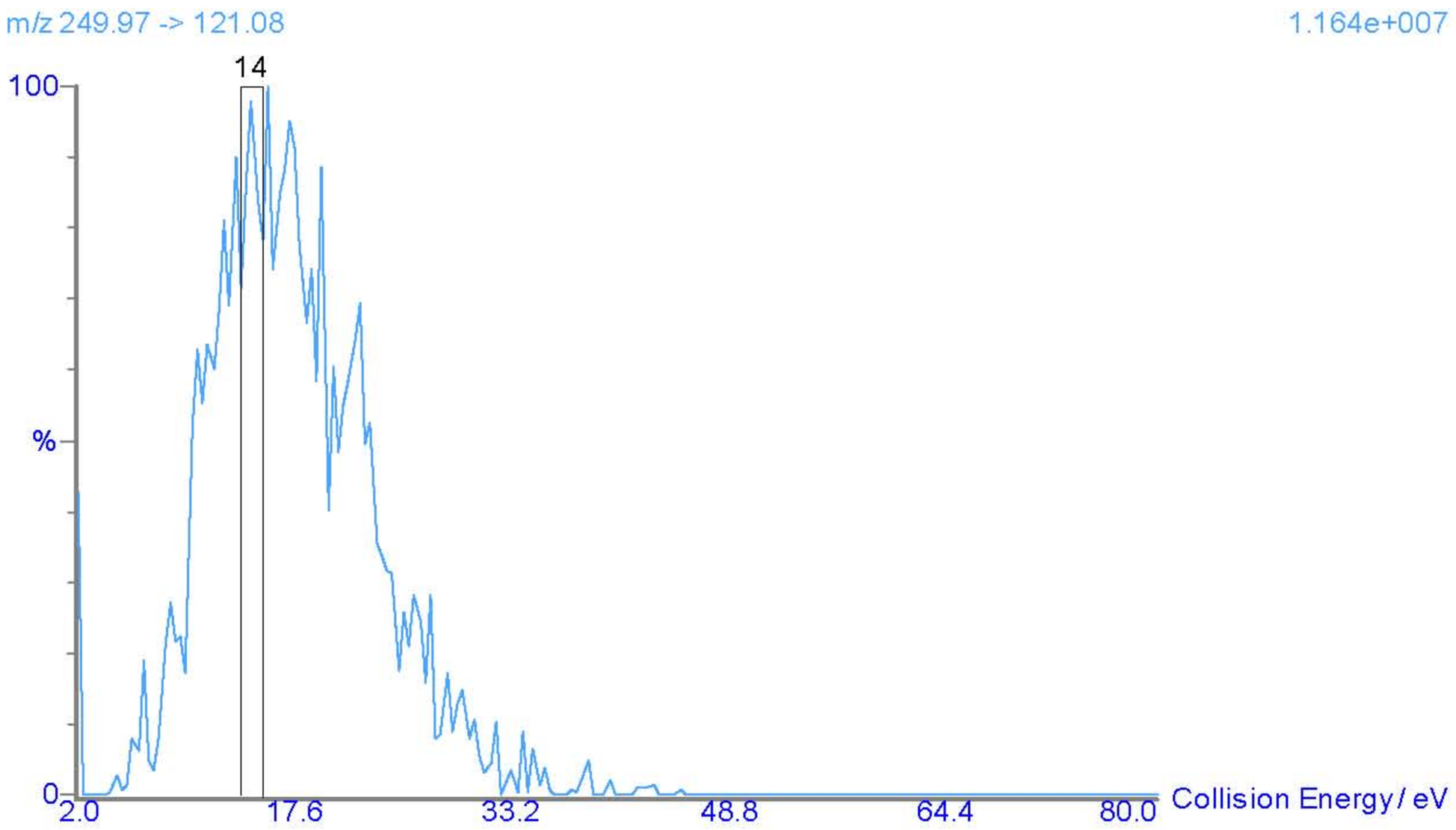
Transition 1: ES-, m/z 249.97 -> 121.08



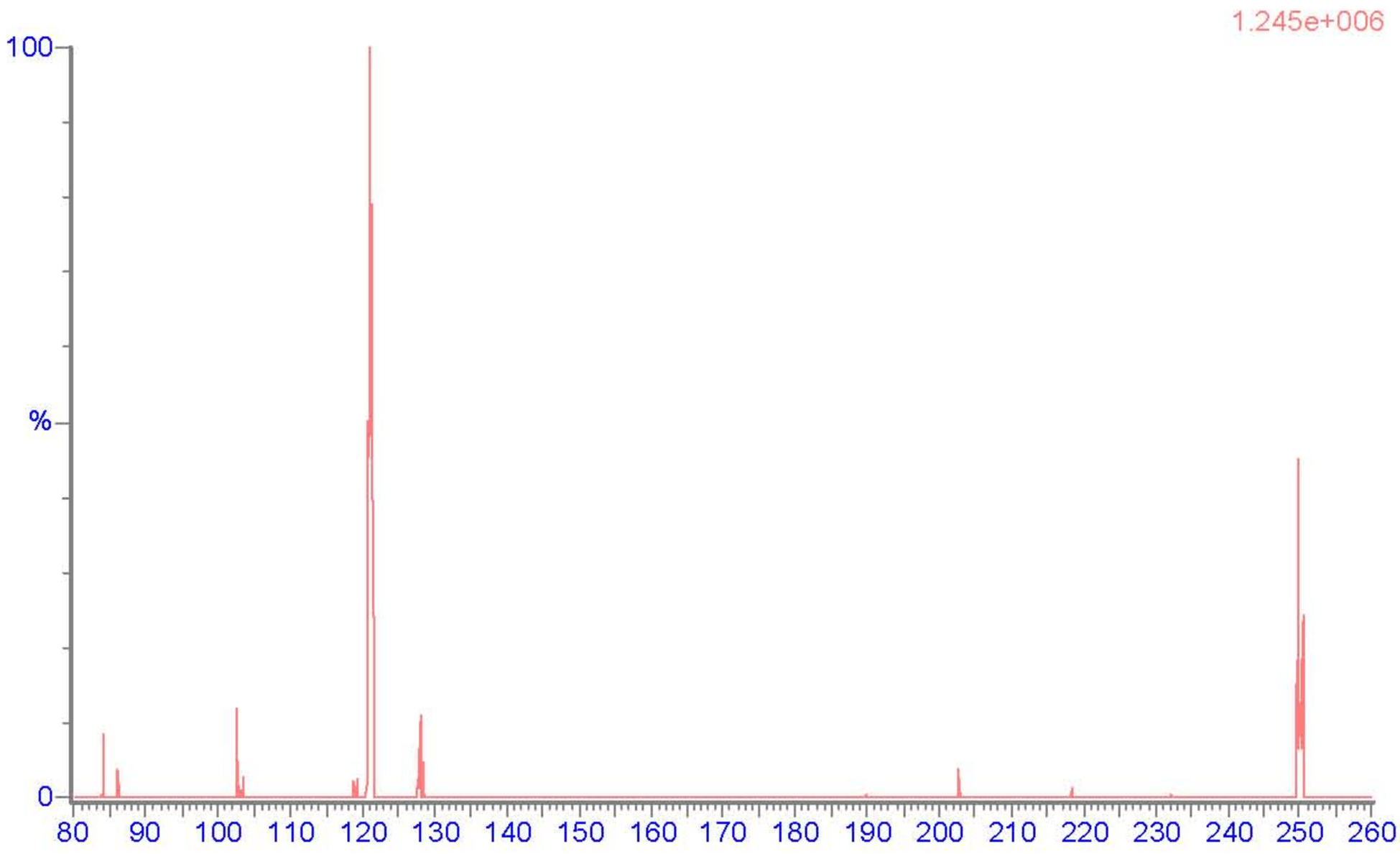
Cone Voltage Optimization (m/z 249.97)



Optimized MS Spectrum (at Cone Voltage 44V)

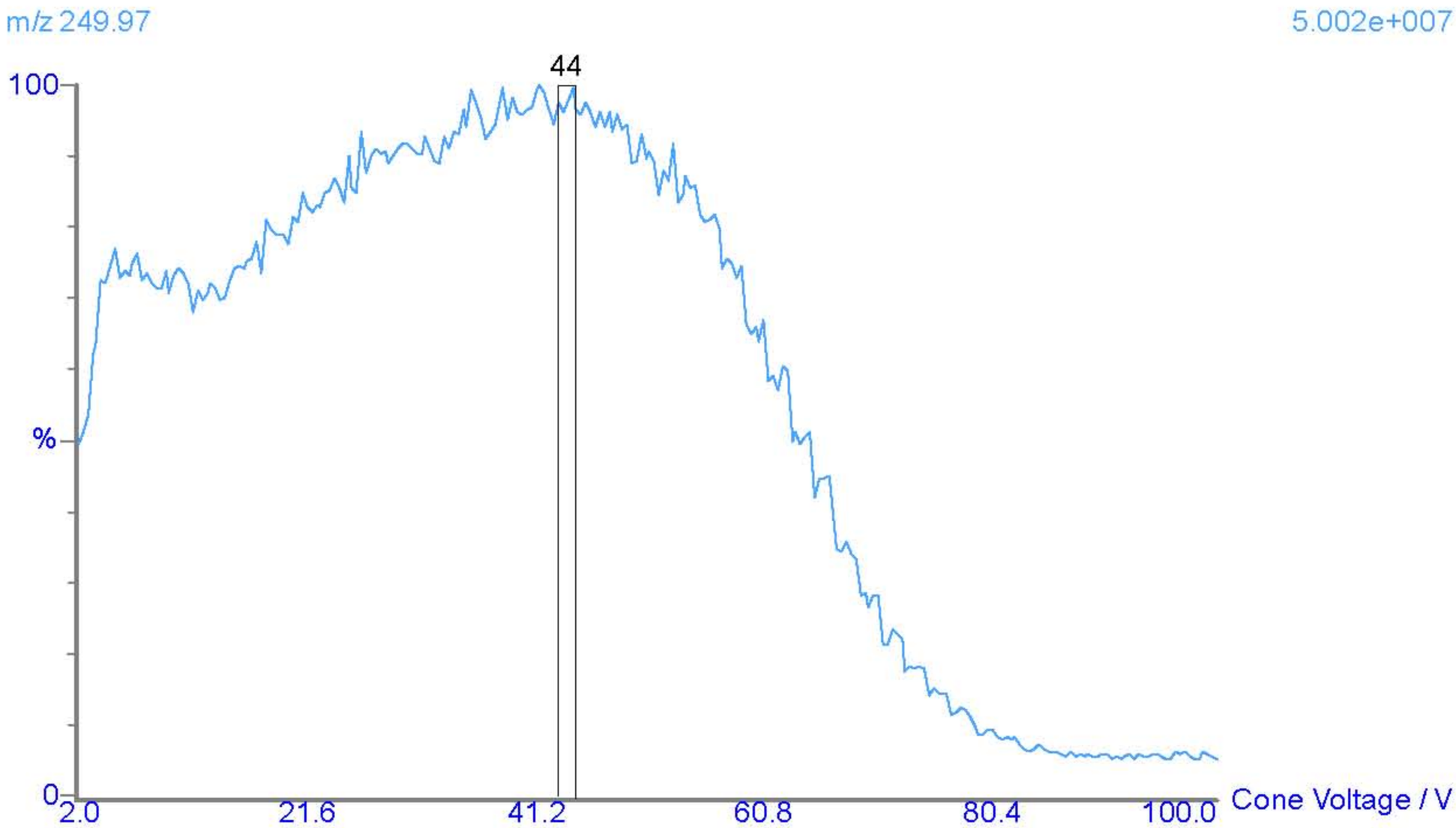


Collision Energy Optimization (m/z 249.97 -> 121.08)

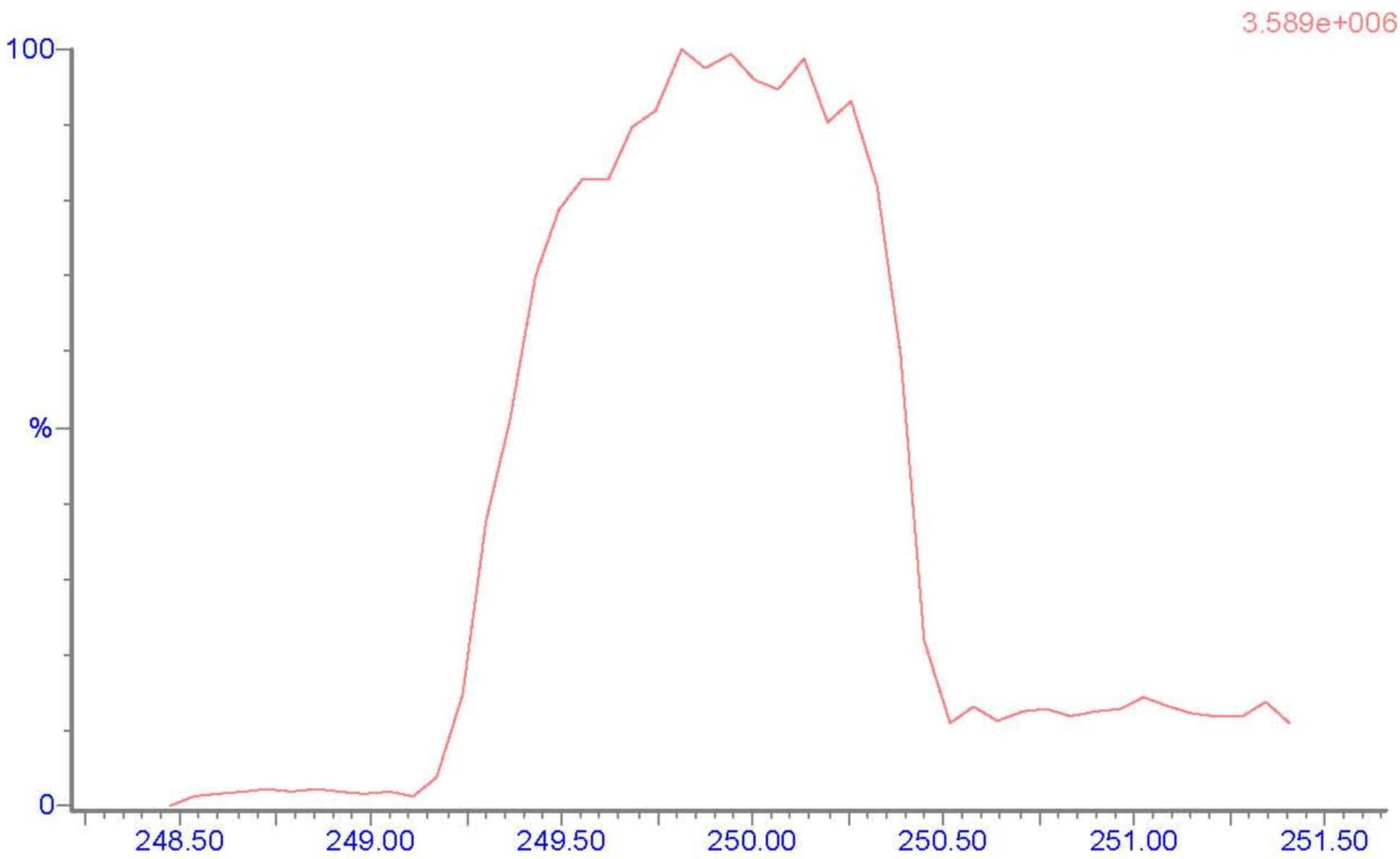


Optimized Daughter Spectrum (at Collision Energy 14eV)

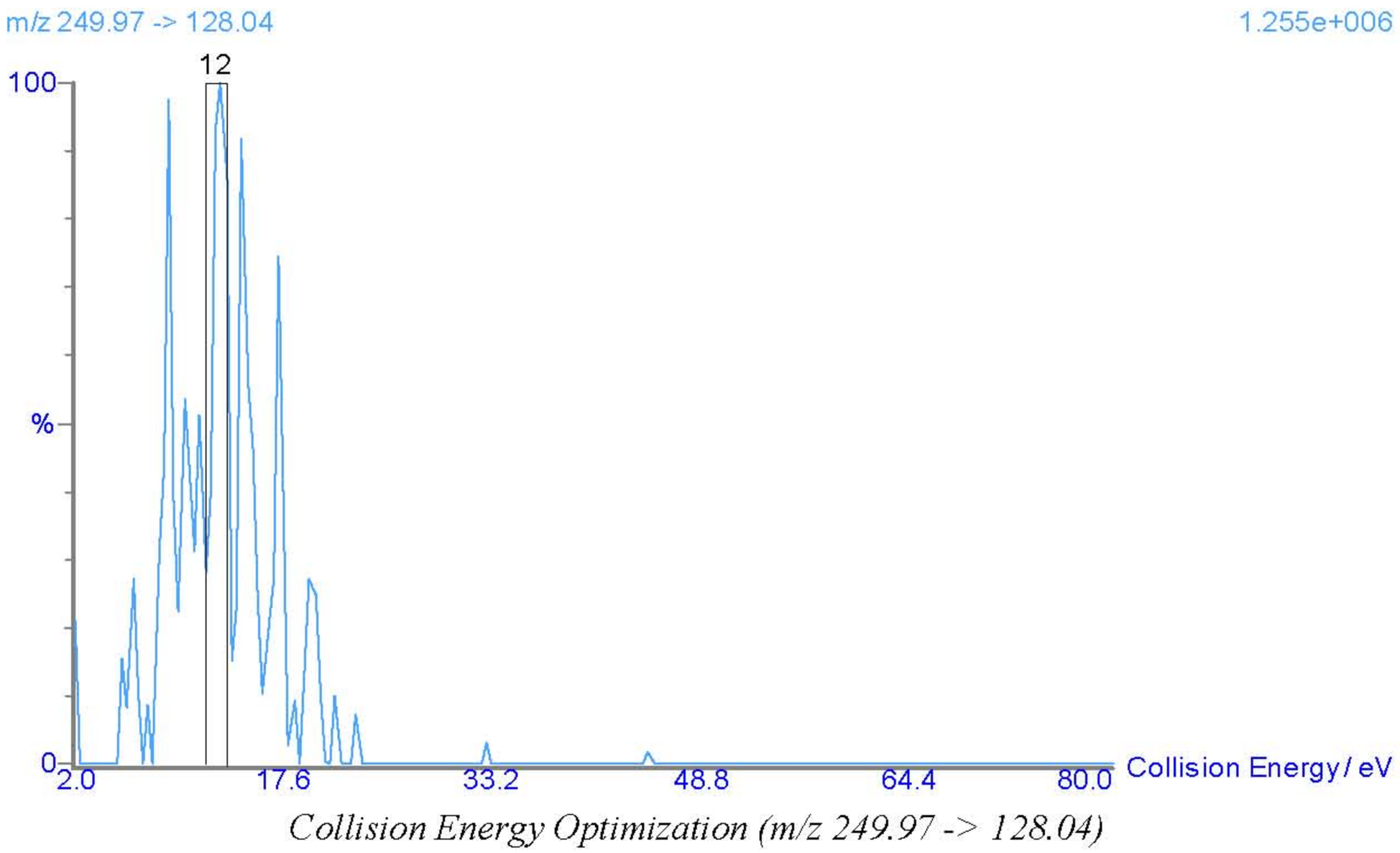
Transition 2: ES-, m/z 249.97 -> 128.04



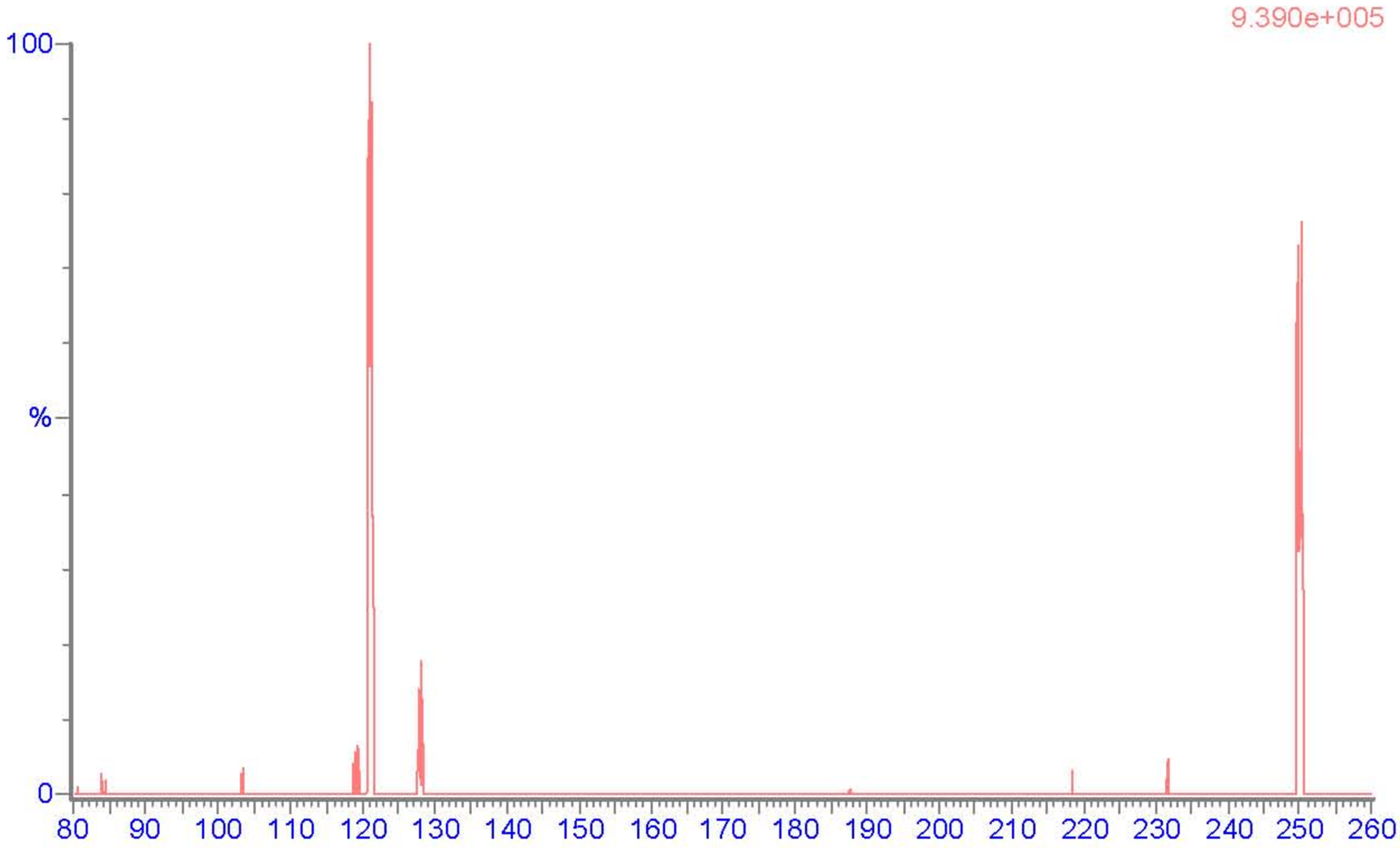
Cone Voltage Optimization (m/z 249.97)



Optimized MS Spectrum (at Cone Voltage 44V)

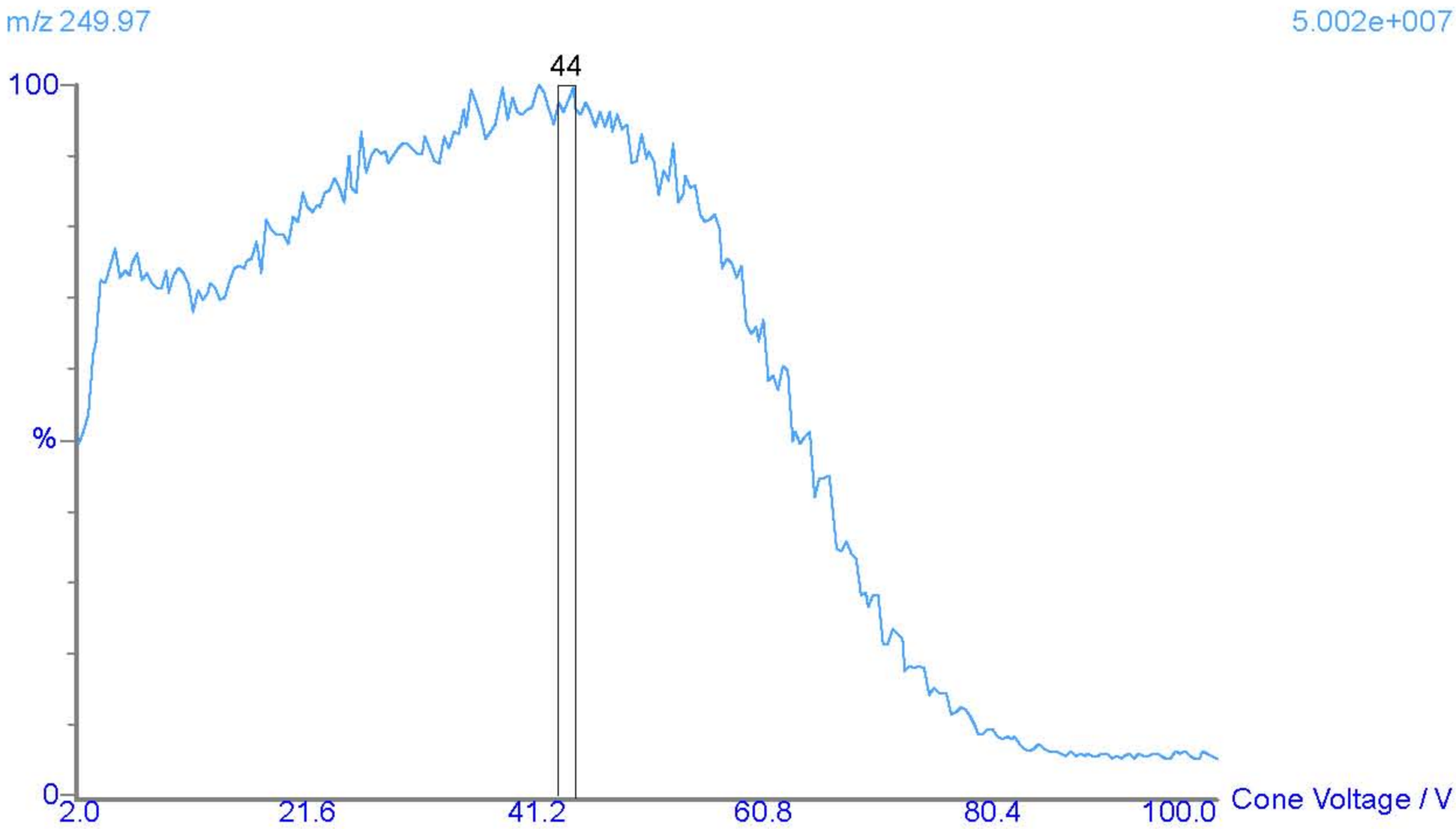


Collision Energy Optimization (m/z 249.97 -> 128.04)

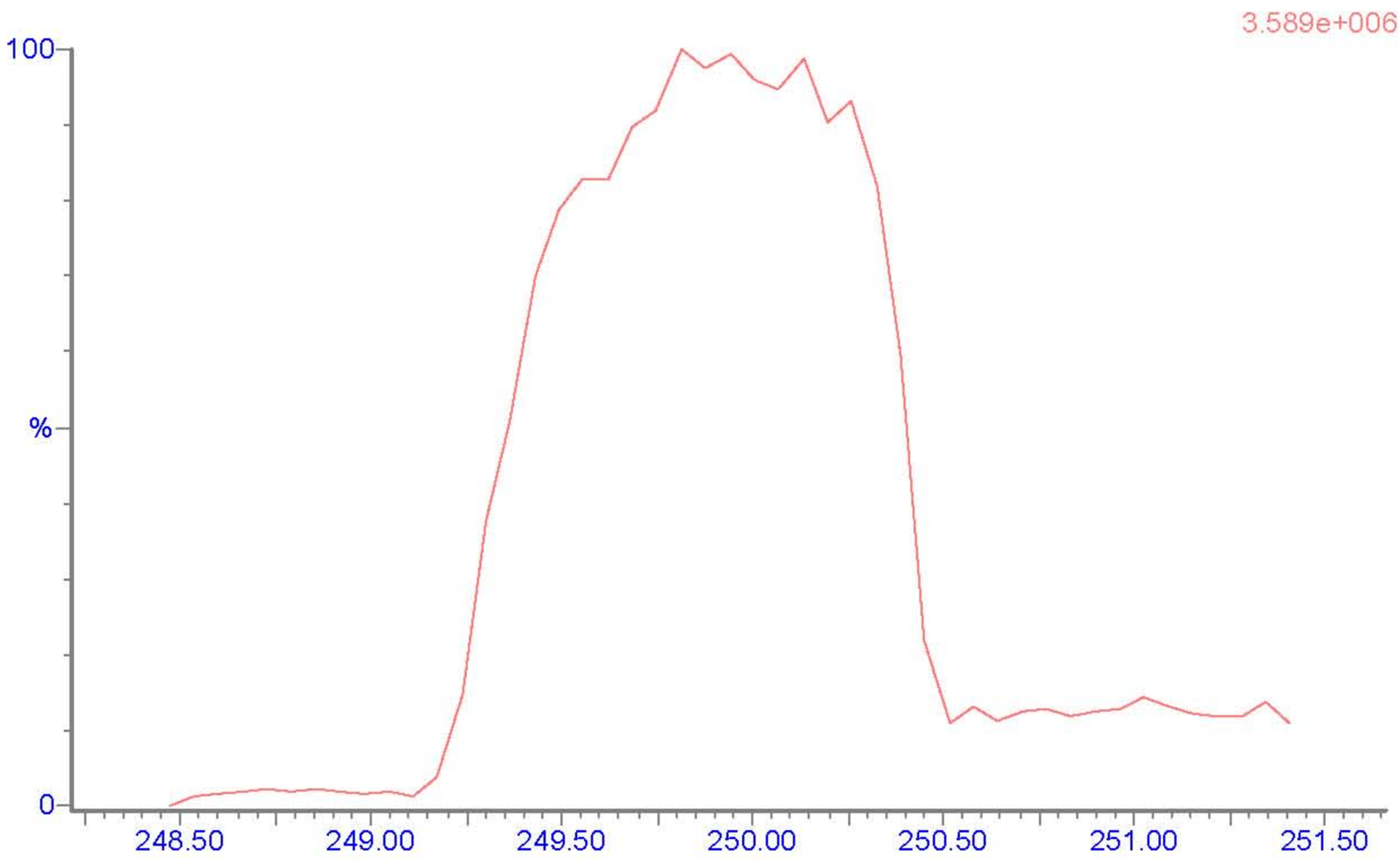


Optimized Daughter Spectrum (at Collision Energy 12eV)

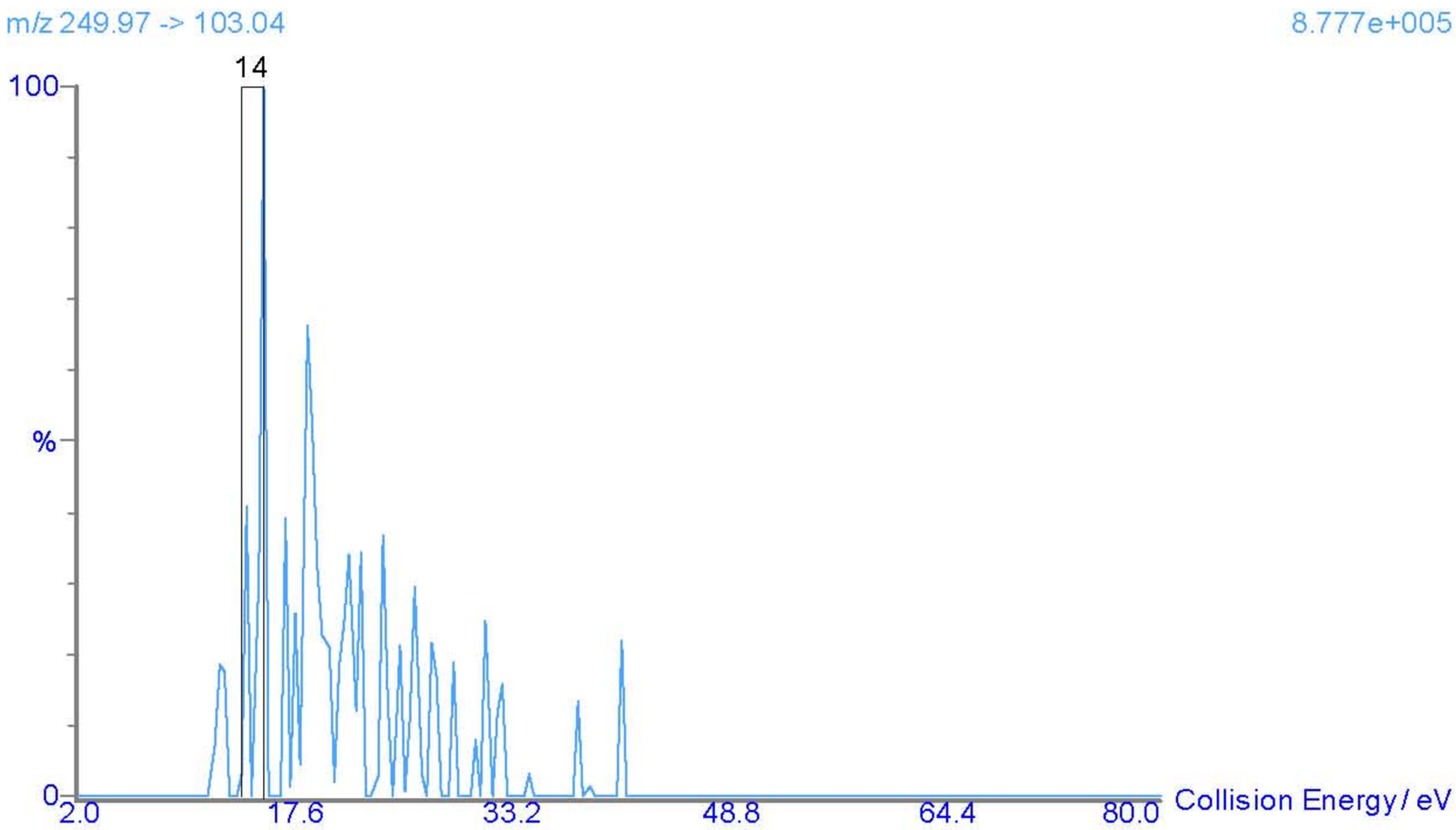
Transition 3: ES-, m/z 249.97 -> 103.04



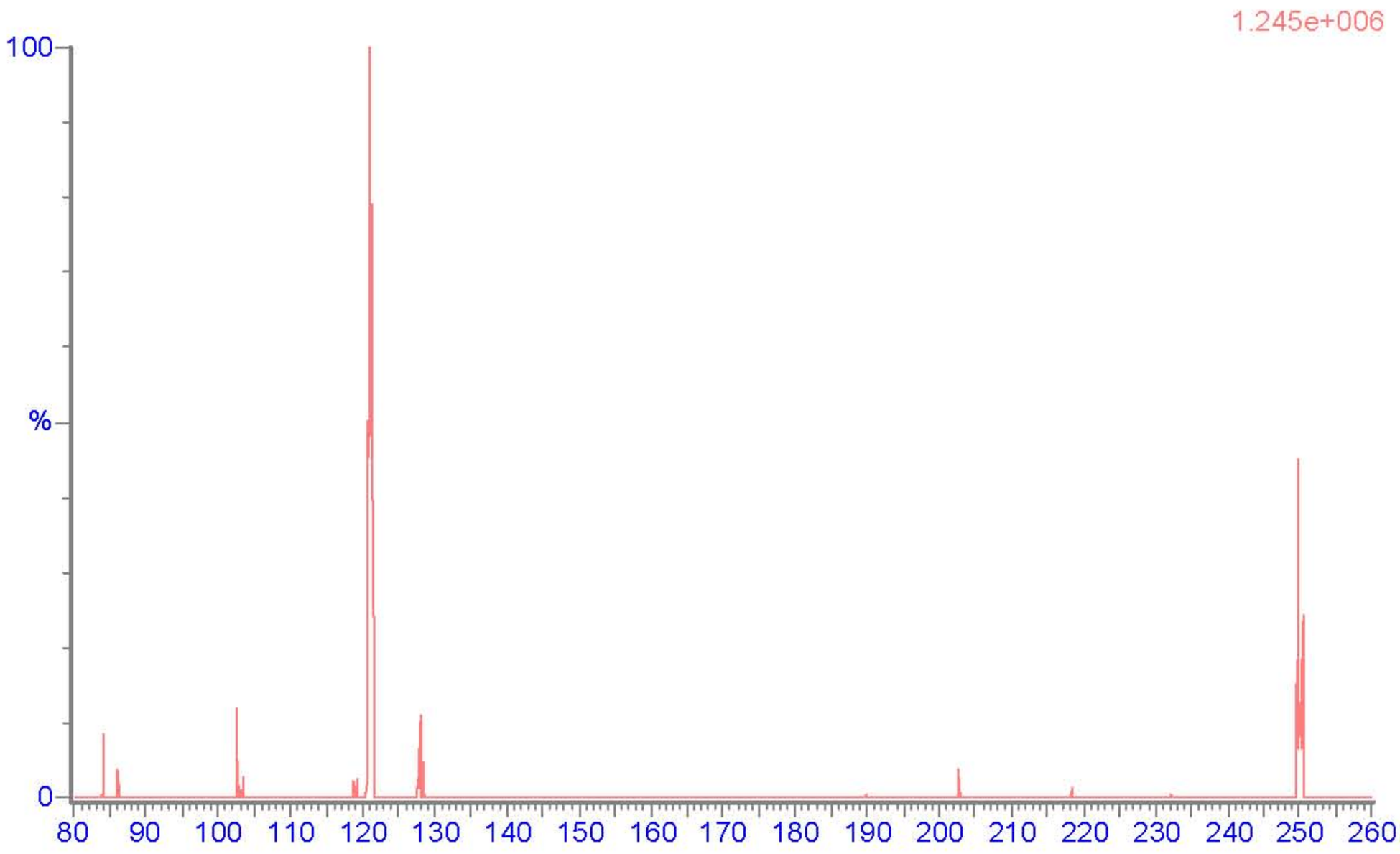
Cone Voltage Optimization (m/z 249.97)



Optimized MS Spectrum (at Cone Voltage 44V)



Collision Energy Optimization (m/z 249.97 -> 103.04)



Optimized Daughter Spectrum (at Collision Energy 14eV)

Only 3 stable transitions identified for DHBMA using the requested ion modes.