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Message ID: 67 Entry time: 2/18/2021 10:39:53 AM

Experiment Date:	2021 02 18
Duration (Days):	
User:	Zdravko Siketic, Marko Barac, Matea Krmpotic, Marko Brajkovic
Accelerator:	Van de Graaff
Beam Line:	Old uProbe
Project:	RADIATE TA
Experiment Title:	MeV TOF-SIMS
Beam:	5 MeV Si4+
Method:	

FC = 13.0 kHz; STIM = 3 kHz

Me = 98.3; Ox = 94.3

x = 10; y = 2.8; SS = 10 x 1

Measurement of tissues on Si wafer substrate (#1). No mesh for positioning within the sample.

Spectrum ID	Sample description	Comment
2102250	Leucin mrezica	SS = 10 x 1
2102251	Sample #1, tissue 1, no matrix	Si wafer substrate, positive mode Vext = +5 kV, t = 1200 s
2102252	Sample #1, tissue 1, no matrix, same position	Negative mode, Vext = -4 kV, t = 1705 s
2102253	Sample #1, tissue 2, 9-AA matix, middle of tissue	Vext = -4 kV, t = 2192 s
2102254	Sample #1, tissue 2, 9-AA matix, same position	Positive mode, Vext = +5 kV t = 1034 s
2102255	Sample #1, tissue 3, CHCA matrix, middle of the sample, above the scratches	Vext = +5 kV, t = 1507 s
2102256	Sample #1, tissue 3, CHCA matrix, same position	Negative mode, Vext = -4 kV, t = 2097 s
2102257	Sample #1, tissue 4, DHB matrix, middle of the sample	Vext = -4 kV, t = 2000 s (approx)
2102258	Sample #1, tissue 4, DHB matrix, same posiiton	Positive mode, Vext = +5 kV, t = 932 s