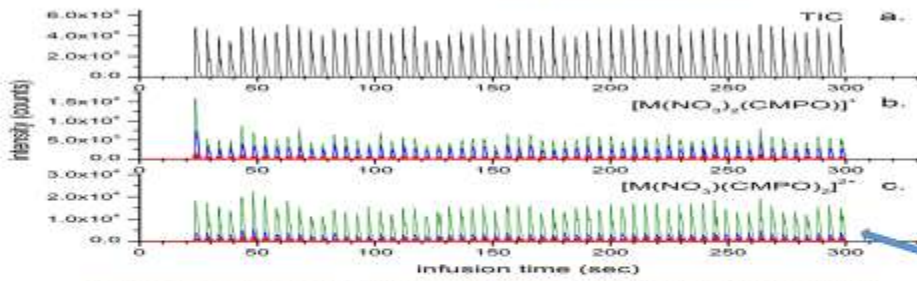
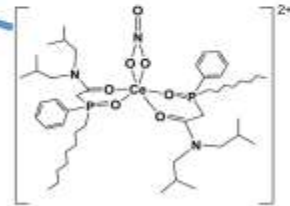


- ...Makes standard ESI mass spectra from droplets inductively w/ 100% introduction efficiency in msec!
- ...Makes excellent crystals increasing MALDI, SIMS & LDI sensitivity by 10-100x LITERALLY!
- ...Yields DROPLET LEVEL CONTROL at msec/drop rates, making droplets, streams. Spray's too!
- ... Can detects femtograms & (ag's?) in resurrected old ion traps, HR-TOF's any ESI system.
- ...Can be used to detect Lanthanides (Actinides?) @ fg,ag levels WITHOUT using a plasma! See AC 6/13.
- ...Is 50x FASTER than Agilent,Thermo @ 20% of cost.
- ...10-100x increase in sensitivity for MALDI,SIMS,LDI. Study Genentech MALDI data & references.
- ...non-touch dispensing VISCOUS LIQUIDS, BLOOD, sweat, tears, cells, saliva, urine into MS's or on targets.
- ...Can save 90% of reagent \$ & sample! Reduce exposure, waste. Increase safety! IBF=GREEN!
- ...Can make ANY pump, syringe or pipette (YOUR product) into an ion source!
- ...Multiplexing IP available, too!

Fastest (msec), Most Efficient (100%, varied), Most Precise
MS Sample Introduction System In The World,
Use w or w/out a funnel !



Positive ion profiles generated by individual drops. a. Total ion current. b. $[M(NO_3)_2(CMPO)]^+$. c. $[M(NO_3)(CMPO)_2]^{2+}$. Blue = Ca^{2+} , Green = Tb^{3+} , Red = La^{3+} .



Same Device Makes Excellent MALDI, SIMS, LDI Crystals.

Increase Sensitivity for MALDI, SIMS & LDI by 10-100x Literally!



Lo 3D Printing !?