Biotage

Preventive Maintenance Checklist for your Solvent Evaporation System

		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Change the Water in the Water Bath													
•	Drain the water out of the bath. Give the sample tube racks and concentrator tank a quick wash with non-alkaline detergent Rinse the racks and concentrator tank with deionized water. Drain the water from the tank Replace the sample tube rack and refill the tank with clean DI water												
Cł	neck the Nitrogen Flow												
•	Check nitrogen flow is working properly and no leaks are detected in the gas lines or the system Check gas regulator output pressure is set correctly With nitrogen turned on, turn on the concentrator and set the gas flow to zero. Listen for the sound of gas flowing												
Cł	neck the Gas Nozzles												
•	If the nozzle is providing low (or no) flow of nitrogen, gently clean the outside of it with non-alkaline detergent and deionized water If this doesn't improve the gas flow, unscrew the nozzle and replace it. If any nozzles appear cracked or broken, replace those immediately												
Cł	neck and Replace your End-Point Sensors												
•	Look for bubbles around the tip of the evaporator tube. If you see bubbles, lift the evaporator tube up and down to disperse them Check sample liquid levels in the tubes at the end of each evaporation to make sure they're consistently at the same height Is the sensor housing cloudy? Replace the sensor.												