# Advances in sample preparation at the National Ocean Sciences Accelerator Mass Spectrometry Facility (NOSAMS): **Investigation of Carbonate Secondary Standards**

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since its inception.

- standard acidification methods.

- our sample preparation stream.

- fractions of each RPO sample run.
- is delivered to a Picarro G2101-i Isotopic Carbon Analyzer following oxidation (Fig. 5)
- A flow of 19 ml/min (versus 35 ml/min for standard RPO operation) under N carrier gas is used to satisfy the technical specifications of the Picarro analyzer







