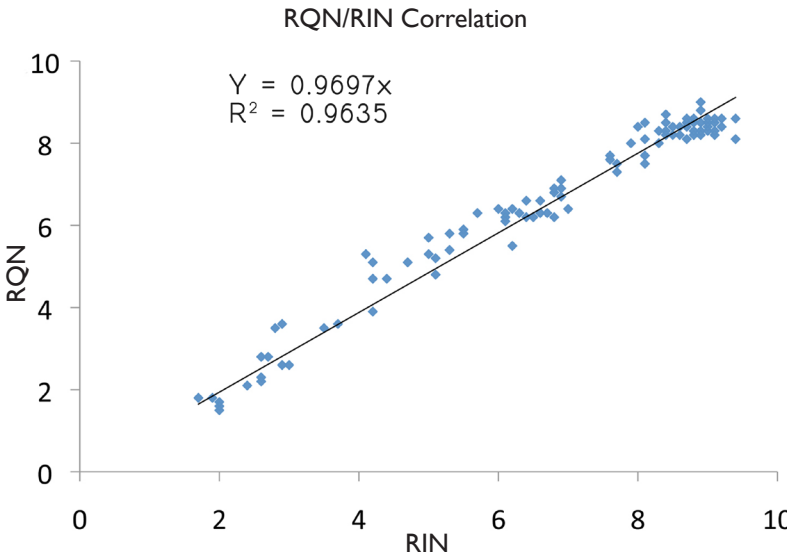
Check quantity AND quality of total RNA with one instrument.

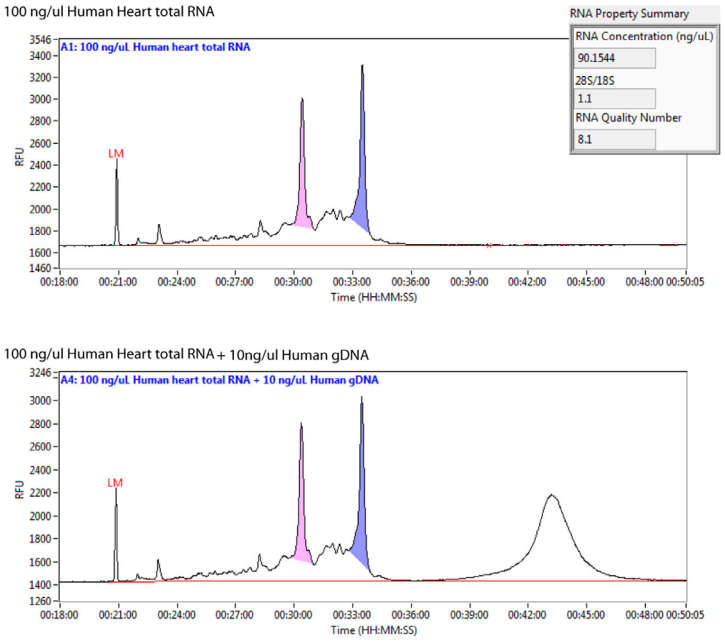
The Fragment Analyzer™ Automated CE System



Correlation between the Fragment Analyzer's RNA Quality Number (RQN) and the chip-based electrophoresis RIN, showing that the Fragment AnalyzerTM RQN is equivalent to RIN. The dataset includes over 100 samples from various origins with various states of degradation at different concentrations.

- **RQN:** Provides RNA quality indicator which correlates to current industry practices (RIN).
- **Short Run Times:** Analysis of 12 or 96 samples in less than 50 minutes.
- **No Manual Priming:** Separation gel is automatically loaded into capillaries prior to each run, which means no sample carryover.
- **Flexible Platform Design:** Use the system for more than just total RNA. Gel kits are available for genomic DNA, NGS fragment analysis, SSRs, microsatellites and dsDNA fragments from 10 bp to 40,000 bp.

Observe gDNA Contamination in RNA



Human heart total RNA electropherograms obtained from the Fragment Analyzer™. Top panel shows RNA sample without gDNA; bottom panel shows gDNA contamination (peak to far right). Blue peak corresponds to the 28S region; red peak corresponds to 18S region.

ADVANCED ANALYTICAL

Phone: 515-296-6600 | www.aati-us.com