



**Item 7.01 Regulation FD Disclosure.**

On March 16, 2011, Federico Pignatelli, Chairman and Chief Executive Officer of Biolase Technology, Inc. (the “Company”) will deliver a presentation at the Roth 23rd Annual Growth Stock Conference that will include a written communication comprised of slides. The slides from the presentation are attached hereto as Exhibit 99.1, and are hereby incorporated by reference.

A copy of the slides will be available for viewing and download at <http://www.biolase.com/investors> for a period of 30 days.

**Item 9.01 Financial Statements and Exhibits.**

(d) Exhibits.

99.1 Presentation material from the Roth 23rd Annual Growth Stock Conference, dated March 16, 2011.

2

2

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**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

BIOLASE TECHNOLOGY, INC.

Date: March 16, 2011

By: /s/ Federico Pignatelli

Federico Pignatelli

Chairman and Chief Executive Officer

3

3

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**Exhibit Index**

<b>Exhibit No.</b>	<b>Description</b>
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4

4