BIOANALYTICAL SYSTEM Form 8-K May 11, 2005 UNITED STATES	IS INC		
SECURITIES AND EXCHANGE C	OMMISSION		
Washington, D.C. 20549			
FORM 8-K			
CURRENT REPORT			
Pursuant to Section 13 or 15(d) of the	e Securities Exchange Act of 1934		
Date of Report (Date of earliest even	t reported): May 11, 2005		
BIOANALYTICAL SYSTEMS, INC (Exact name of registrant as specified			
Indiana (State or other jurisdiction of incorporation or organization)	0-23357 (Commission File Number)		35-1345024 (I.R.S. Employer Identification No.)
2701 KENT AVENUE			
WEST LAFAYETTE, INDIANA (Address of principal executive office	es)	47906-1382 (Zip Code)	
Registrant's telephone number, include	ding area code: (765) 463-4527		

The information in this Form 8-K is being furnished and shall not be deemed "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that Section. The information in this Form 8-K shall not be incorporated by reference into any registration statement or other document pursuant to the Securities Act of 1933, as amended.

Item 2.02. Results of Operations and Financial Condition.

On May 11, 2005, Bioanalytical Systems, Inc. (the "Company") issued a press release announcing results for its second quarter of fiscal year 2005. The full text of the press release is furnished as exhibit 99.1 to this Form 8-K and is incorporated herein by reference.

Item 9.01. Financial Statements and Exhibits.

- (a) Not applicable.
- (b) Not applicable.
- (c) Exhibits
- 99.1 Bioanalytical Systems, Inc. press release, issued May 11, 2005.

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

Bioanalytical Systems, Inc.

Date: May 11, 2005 By: /s/ Michael R. Cox

Michael R. Cox

Vice President, Finance and

Chief Financial Officer

#### **Exhibit Index**

Exhibit No. Description

99.1 Bioanalytical Systems, Inc. press release, issued May 11, 2005.