SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT

PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of report (Date of earliest event reported): May 1, 2007

TECHNE CORPORATION

(Exact Name of Registrant as Specified in Charter)

Minnesota 0-17272 41-1427402

(State or Other Jurisdiction (Commission I.R.S. Employer of Incorporation) File Number) Identification No.)

614 Mckinley Place NE

Minneapolis, MN 55413

(Address of Principal Executive Offices) (Zip Code)

Registrant's telephone number, including area code: (612) 379-8854

Not Applicable

(Former Name or Former Address, if changed since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligations of the registrant under any of the following provisions:

- // Written communications pursuant to Rule 425 under the Securities Act 17 CFR 230.425)
- // Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- // Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- // Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 2.02 Results of Operations and Financial Condition

A copy of the press release issued by Techne Corporation on May 1, 2007, describing the results of operations for the quarter and nine months ended March 31, 2007 and its financial condition as of March 31, 2007, is attached hereto as Exhibit 99.1.

Segment information for Techne Corporation for the quarter and nine months ended March 31, 2007 which has been included on Techne Corporation's website (www.techne-corp.com), is attached hereto as Exhibit 99.2.

The information in this Form 8-K and the Exhibits attached hereto shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933 or the Exchange Act, except as expressly set forth by specific reference in such filing.

Item 9.01 Financial Statements and Exhibits

(d) Exhibits

99.1 Press Release dated May 1, 2007.

99.2 Segment information for the quarter and nine months ended March 31, 2007.

SIGNATURE

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.

Dated: May 1, 2007 TECHNE CORPORATION

By: /s/ Thomas E. Oland

Name: Thomas E. Oland Title: President and Chief Executive Officer

EXHIBIT INDEX

Exhibit No. Description

- 99.1 Press release of Techne Corporation dated May 1, 2007.
- 99.2 Segment information for Techne Corporation for the quarter and nine months ended March 31, 2007.

TECHNE CORPORATION RELEASES UNAUDITED THIRD QUARTER RESULTS FOR FISCAL YEAR 2007

Minneapolis/May 1, 2007/--Techne Corporation's (NASDAQ: TECH) consolidated net earnings for the quarter ended March 31, 2007 increased 17.4% to \$23.9 million or \$0.60 per diluted share compared to \$20.3 million and \$0.52 per diluted share for the quarter ended March 31, 2006. For the nine months ended March 31, 2007, Techne's consolidated net earnings increased 15.5% to \$62.2 million or \$1.57 per diluted share compared with \$53.9 million or \$1.36 per diluted share for the nine months ended March 31, 2006. The improvement in results was mainly due to increased consolidated net sales and improved gross margin percentages.

Consolidated net sales for the quarter and nine months ended March 31, 2007 were \$60.2 million and \$165.1 million, respectively. This was an increase of 9.8% and 9.6% from the quarter and nine months ended March 31, 2006.

Biotechnology net sales, which includes sales by R&D Systems' Biotechnology Division, Fortron and BiosPacific, for the quarter and nine months ended March 31, 2007 were \$39.1 million and \$108.5 million, increases of 6.9% and 8.4%, respectively, from the same prior-year periods. Approximately \$1.2 million of the increase in Biotechnology net sales during the first six months of fiscal 2007 was the result of price increases made in January 2006.

R&D Europe's net sales for the quarter and nine months ended March 31, 2007 were \$17.4 million and \$45.6 million, increases of 20.1% and 15.5%, respectively, from the same prior-year periods. In British pound sterling, R&D Europe's net sales increased 7.2% and 4.9% for the quarter and nine months ended March 31, 2007. Hematology net sales of \$3.7 million for the quarter and \$11.0 million for the nine months ended March 31, 2007 were essentially flat from the same prior-year periods.

Consolidated gross margins were 80.0% and 79.4% for the quarter and nine months ended March 31, 2007, respectively, compared to 77.9% and 77.5% for the quarter and nine months ended March 31, 2006. Biotechnology gross margins increased to 80.4% and 80.3% for the quarter and nine months ended March 31, 2007 from 78.8% and 78.2% for the same prior-year periods mainly as a result of changes in product mix. Biotechnology gross margins were also positively affected by the sale of inventory acquired from Fortron and BiosPacific in fiscal 2006, which was valued at fair market under purchase accounting. Included in cost of sales for the quarter and nine months ended March 31, 2007 were \$100,000 and \$455,000, respectively, related to the sale of acquired inventory compared to \$397,000 and \$1.3 million, respectively, for the same prior-year periods.

The income tax rate of 35.2% for the quarter ended March 31, 2007 increased from 33.9% for the first and second quarter of fiscal 2007 as a result of changes in state apportionment estimates. Income tax rates are expected to range from approximately 33.5% to 34.5% in the fourth quarter of fiscal 2007.

Consolidated net earnings and diluted earnings per share for the quarter and nine months ended March 31, 2007 were favorably impacted by the change in exchange rates from the prior year used to convert R&D Europe results from British pound sterling to U.S. dollars. The change in exchange rates from the prior year increased consolidated net earnings approximately \$600,000 and \$1.3 million for the quarter and nine months ended March 31, 2007, respectively.

Forward Looking Statements:

This earnings release contains forward-looking statements within the meaning of the Private Litigation Reform Act. These statements, including the Company's expectations as to income tax rates, involve risks and uncertainties that may affect the actual results of operations. The following important factors, among others, have affected and, in the future, could affect the Company's actual results: the introduction and acceptance of new biotechnology and hematology products, the levels and particular directions of research by the Company's customers, the impact of the growing number of producers of biotechnology research products and related price competition, the retention of hematology OEM and proficiency survey business, the impact of currency exchange rate fluctuations, and the costs and results of research

and product development efforts of the Company and of companies in which the Company has invested or with which it has formed strategic relationships. For additional information concerning such factors, see the Company's annual report on Form 10-K and quarterly reports on Form 10-Q as filed with the Securities and Exchange Commission. We undertake no obligation to update or revise any forward-looking statements we make in this release due to new information or future events. Investors are cautioned not to place undue emphasis on these statements.

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Techne Corporation has two operating subsidiaries: Research and Diagnostic Systems, Inc. (R&D Systems) of Minneapolis, Minnesota and R&D Systems Europe, Ltd. (R&D Europe) of Abingdon, England. R&D Systems is a specialty manufacturer of biological products. R&D Systems has two subsidiaries, Fortron Bio Science, Inc. (Fortron), located in Minneapolis, and BiosPacific, Inc. (BiosPacific), located in Emeryville, California. Fortron develops and manufactures antibodies and BiosPacific is a worldwide supplier of biologics to manufacturers of in vitro diagnostic systems and immunodiagnostic kits. R&D Europe is a distributor of biotechnology products.

Contact: Greg Melsen, Chief Financial Officer Kathy Backes, Controller (612) 379-8854

TECHNE CORPORATION CONSOLIDATED STATEMENTS OF EARNINGS (In thousands, except per share data) (Unaudited)

	QUARTER ENDED NINE MONTHS ENDED				
	3/31/07 3/31/06 3/31/07 3/31/06				
	\$60,197 \$54,813 \$165,057 \$150,551 12,019 12,105 33,970 33,896				
Gross margin	48,178 42,708 131,087 116,655				
Operating expenses: Selling, general and administrative 7,229 6,901 23,126 21,335 Research and development 5,169 4,761 15,068 14,052 Amortization of intangible assets 403 492 1,210 1,476					
Total operating expenses 12,801 12,154 39,404 36,863					
Operating income Other expense (income Interest expense Interest income Other non-operating expense (income), ner	35,377 30,554 91,683 79,792 e): 245 1,083 706 (2,237) (1,082) (5,869) (3,186)				
Earnings before income taxes 36,847 31,162 94,789 81,551 Income taxes 12,954 10,815 32,602 27,689					
	\$23,893 \$20,347 \$62,187 \$53,862				
Earnings per share: Basic Diluted Weighted average comshares outstanding:	\$ 0.61 \$ 0.52 \$ 1.58 \$ 1.38 \$ 0.60 \$ 0.52 \$ 1.57 \$ 1.36 mon				
Basic Diluted	39,414 39,199 39,393 38,941 39,543 39,425 39,498 39,631				

(In thousands) (Unaudited)

3/31/07 6/30/06

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Cash and equivalents \$116,276 \$89,634 Short-term available-for-sale investments 27,822 19,212 Trade accounts receivable 29,582 23,769

Other receivables 1,247 1,309 9,574 9,024 Inventory Other current assets 7,891 6,874

192,392 149,822 Current assets

85,854 77,660 Available-for-sale investments 89,172 88,772 Property and equipment, net Goodwill and intangible assets, net 30,571 32,021 Other non-current assets 29,184 22,237

\$427,173 \$370,512 Total assets

LIABILITIES

Current liabilities \$ 15,710 \$ 17,966 Long-term debt -- 12,198 Stockholders' equity 411,463 340,348

Total liabilities and equity \$427,173 \$370,512 ____

SEGMENT INFORMATION TECHNE CORPORATION AND SUBISIDARIES

(in thousands of \$'s, except per share data)

<TABLE> <CAPTION>

Fiscal 2007 Increase (Decrease)
From Fiscal 2006

First Second Third Percent First Second Third Quarter Quarter Quarter YTD Of Sales Quarter Quarter YTD

Gross margin 41,114 41,795 48,178 131,087 79% 4,501 4,461 5,470 14,432

Gross margin

percentage 78.5% 79.6% 80.0% 79.4%

SG&A expense 7,067 8,830 7,229 23,126 14% 613 850 328 1,791 R&D expense 4,855 5,044 5,169 15,068 9% 138 470 408 1,016 Amortization expense 403 404 403 1,210 1% (89) (88) (89) (266) Interest expense 268 815 0 1,083 1% 45 577 (245) 377 Interest income (1,676) (1,956) (2,237) (5,869) (4%) (702) (826) (1,155) (2,683) Other non-

operating ex., net 485 428 767 1,680 1% 274 147 538 959

11,402 13,565 11,331 36,298 22% 279 1,130 (215) 1,194

Earnings before

income taxes 29,712 28,230 36,847 94,789 57% 4,222 3,331 5,685 13,238 Income taxes 10,081 9,567 12,954 32,602 20% 1,592 1,182 2,139 4,913

19,631 18,663 23,893 62,187 37% 2,630 2,149 3,546 8,325

Diluted earnings

per share .50 .47 .60 1.57

Weighted average diluted shares

outstanding 39,469 39,511 39,543 39,498

</TABLE>

BIOTECHNOLOGY (1)

(in thousands of \$'s)

<TABLE> <CAPTION>

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Increase (Decrease)

Fiscal 2007 From Fiscal 2006

First Second Third Percent First Second Third
Quarter Quarter Quarter YTD Of Sales Quarter Quarter YTD

<

Sales 41,621 40,073 46,202 127,896 100% 4,022 2,376 3,189 9,587 Intersegment sales (5,699) (6,647) (7,072) (19,418) (400) (92) (676) (1,168)

35,922 33,426 39,130 108,478 3,622 2,284 2,513 8,419

Cost of sales 8,482 7,683 9,041 25,206 20% 12 (464) (84) (536) Intersegment sales (5,524) (6,435) (7,147) (19,106) (201) (295) (669) (1,165)

2,958 1,248 1,894 6,100 (189) (759) (753) (1,701)

Gross margin 32,964 32,178 37,236 102,378 80% 3,811 3,043 3,266 10,120

Gross margin

percentage 79.6% 80.8% 80.4% 80.3%

SG&A expense 4,013 4,664 4,166 12,843 10% 374 470 (33) 811

4,675 4,854 4,971 14,500 11% 143 450 R&D expense 378 Amortization expense 403 404 403 1,210 2% (89) (88) (89) (266) Interest, net (595) (722) (841) (2,158) (2%) (327) (349) (556) (1,232) 8,496 9,200 8,699 26,395 21% 101 483 (300) 284 Pretax result 24,468 22,978 28,537 75,983 59% 3,710 2,560 3,566 9,836 </TABLE> (1) Includes R&D Systems' Biotechnology Division, Fortron Bio Science, Inc., and BiosPacific, Inc. **R&D SYSTEMS EUROPE** (in thousands of British pounds) <TABLE> <CAPTION> Increase (Decrease) Fiscal 2007 From Fiscal 2006 First Second Third Percent First Second Third Quarter Quarter YTD Of Sales Quarter Quarter YTD <C> <S>6,870 7,851 8,854 23,575 100% 180 322 598 1,100 Sales 3,285 3,766 4,091 11,142 47% (7) 1 (100) (106) Cost of sales 3,585 4,085 4,763 12,433 53% 187 321 698 1,206 Gross margin Gross margin percentage 52.2% 52.0% 53.8% 52.7% 1,074 1,236 1,075 3,385 14% 70 51 SG&A expense 5 126 Interest income (410) (480) (542) (1,432) (6%) (84) (151) (200) (435)Exchange loss/(gain) 78 (64) 22 36 -- 63 (90) 71 742 692 555 1,989 8% 49 (190) (124) (265) _____ Pretax result 2,843 3,393 4,208 10,444 45% 138 511 822 1,471 </TABLE> **R&D SYSTEMS EUROPE** (in thousands of \$'s) <TABLE> <CAPTION> Increase (Decrease) Fiscal 2007 From Fiscal 2006 First Second Third Percent First Second Third Quarter Quarter YTD Of Sales Quarter Quarter YTD ----- ------ ------ ------<S> <C> 12,927 15,257 17,403 45,587 100% 1,052 2,151 2,907 6,110 Sales Cost of sales 6,181 7,319 8,040 21,540 47% 337 765 682 1,784 ----- ------ ------ ------6,746 7,938 9,363 24,047 53% 715 1,386 2,225 4,326 Gross margin Gross margin 52.2% 52.0% 53.8% 52.7% percentage SG&A expense 2,020 2,405 2,112 6,537 14% 238 346 233 817 Interest income (771) (933) (1,067) (2,771) (6%) (192) (361) (467) (1,020) 147 (126) 42 63 -- 119 (172) 129 Exchange loss 1,396 1,346 1,087 3,829 8% 165 (187) (105) (127) 5,350 6,592 8,276 20,218 45% 550 1,573 2,330 4,453

</TABLE>

HEMATOLOGY (in thousands of \$'s)

<TABLE> <CAPTION>

Increase (Decrease)

Fiscal 2007 From Fiscal 2006

First Second Third Percent First Second Third Quarter Quarter Quarter YTD Of Sales Quarter Quarter YTD

Gross margin 1,404 1,679 1,579 4,662 42% (25) 32 (21) (14)

Gross margin

percentage 40.1% 43.9% 43.1% 42.4%

 SG&A expense
 398
 439
 431
 1,268
 12%
 14
 15
 (10)
 19

 R&D expense
 180
 190
 198
 568
 5%
 (5)
 20
 30
 45

 Interest, net
 (81)
 (95)
 (111)
 (287)
 (3%)
 (44)
 (45)
 (71)
 (160)

497 534 518 1,549 14% (35) (10) (51) (96)

Pretax result 907 1,145 1,061 3,113 28% 10 42 30 82

</TABLE>

CORPORATE AND OTHER (2)

(in thousands of \$'s)

<TABLE> <CAPTION>

Increase (Decrease)

Fiscal 2007 From Fiscal 2006

First Second Third First Second Third Quarter Quarter Quarter YTD Quarter Quarter YTD

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528 447 273 1,248 96 (25) (171) (100)

SG&A expense 636 1,322 520 2,478 (13) 19 138 144 Interest expense 268 815 0 1,083 45 577 (245) 377 Other-Building

expenses 510 549 519 1,578 67 59 (1) 125 Other-Hemerus losses 127 123 119 369 45 41 36 122 Other-Nephromics

losses -- 123 142 265 -- 123 142 265

1,541 2,932 1,300 5,773 144 819 70 1,033

Pretax result (1,013) (2,485) (1,027) (4,525) (48) (844) (241) (1,133)

</TABLE>

⁽²⁾ Unallocated corporate expenses and Techne's share of losses by Hemerus Medical, LLC and Nephromics, LLC.