

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934
(Amendment No. 6)*

Techne Corporation

(Name of Issuer)

Common Stock

(Title of Class of Securities)

878377 10 0

(CUSIP Number)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

(Continued on following page(s))

Page 1 of 4 Pages

SCHEDULE 13G

CUSIP No. 878377 10 0

Page 2 of 4 Pages

1 NAMES OF REPORTING PERSONS/
I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)
Peter R. Peterson

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) []
(b) []

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION
U.S.A.

NUMBER OF 5 SOLE VOTING POWER
SHARES 1,056,280
BENEFICIALLY
OWNED BY
EACH
REPORTING
PERSON

WITH

6 SHARED VOTING POWER
0

7 SOLE DISPOSITIVE POWER
1,056,280

8 SHARED DISPOSITIVE POWER
0

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
1,056,280

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES
CERTAIN SHARES* X

Does not include, and reporting person disclaims beneficial ownership of, any shares which may be held from time to time by Peterson Brothers Securities Company ("PBSC") in its trading account. Reporting person is a one-third owner, but not an officer or director, of PBSC.

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
5.6%

12 TYPE OF REPORTING PERSON*
IN

Item 1(a) Name of Issuer:

Techne Corporation

Item 1(b) Address of Issuer's Principal Executive Offices:

614 McKinley Place N.E.
Minneapolis, MN 55413

Item 2(a) Name of Person Filing:

See Cover Page Item 1

Item 2(b) Address of Principal Business Office or, if none, residence:

6111 Blue Circle Drive
Minnetonka, MN 55343

Item 2(c) Citizenship:

See Cover Page Item 4

Item 2(d) Title of Class of Securities:

Common Stock

Item 2(e) CUSIP No.:

See Cover Page

Item 3 Statement Filed Pursuant to Rules 13d-1(b) or 13d-2(b):

Not applicable

Item 4(a) Amount Beneficially Owned:

See Cover Page Item 9

Item 4(b) Percent of Class:

See Cover Page Item 11

Item 4(c) Number of Shares as to Which Such Person Has:

- (i) sole power to vote or to direct the vote: See Cover Page Item 5
- (ii) shared power to vote or to direct the vote: See Cover Page Item 6
- (iii) sole power to dispose or to direct the disposition of: See Cover Page Item 7

(iv) shared power to dispose or to direct the disposition of:
See Cover Page Item 8

Item 5 Ownership of Five Percent or Less of a Class:

Not applicable

Item 6 Ownership of More than Five Percent on Behalf of Another Person:

Not applicable

Item 7 Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company:

Not applicable

Item 8 Identification and Classification of Members of the Group:

Not applicable

Item 9 Notice of Dissolution of Group:

Not applicable

Item 10 Certification:

Not applicable

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct as of December 31, 1997.

Dated: January 21, 1998

/s/ Peter R. Peterson
Peter R. Peterson