

(a) []

(b) []

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

0

5 SOLE VOTING POWER

NUMBER OF
SHARES
BENEFICIALLY
OWNED BY EACH
REPORTING
PERSON WITH

3,797,739

6 SHARED VOTING POWER

7 SOLE DISPOSITIVE
POWER

0

8 SHARED DISPOSITIVE
POWER

4,097,612

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH
REPORTING PERSON

4,097,612

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9)
EXCLUDES CERTAIN SHARES (See Instructions)

[]

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

13.45%

12 TYPE OF REPORTING PERSON (See Instructions)

HC

1 NAMES OF REPORTING PERSONS
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS
(ENTITIES ONLY):

NB Holdings Corporation
56-1857749

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP
(See Instructions)

(a) []

(b) []

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

5 SOLE VOTING POWER

0

NUMBER OF
SHARES
BENEFICIALLY
OWNED BY EACH
REPORTING
PERSON WITH

3,797,739

6 SHARED VOTING POWER

7 SOLE DISPOSITIVE
POWER

0

8 SHARED DISPOSITIVE
POWER

4,097,612

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH
REPORTING PERSON

4,097,612

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9)
EXCLUDES CERTAIN SHARES (See Instructions)

[]

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

13.45%

12 TYPE OF REPORTING PERSON (See Instructions)

HC

1 NAMES OF REPORTING PERSONS

I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS
(ENTITIES ONLY):

Bank of America, NA
94-1687665

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP
(See Instructions)

(a) []

(b) []

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

United States

5 SOLE VOTING POWER
NUMBER OF
SHARES
BENEFICIALLY
OWNED BY EACH
REPORTING
PERSON WITH

373

6 SHARED VOTING POWER

7 SOLE DISPOSITIVE
POWER 24

8 SHARED DISPOSITIVE
POWER 4,097,588

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH
REPORTING PERSON 4,097,612

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9)
EXCLUDES CERTAIN SHARES (See Instructions)

[]

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

13.45%

12 TYPE OF REPORTING PERSON (See Instructions)

BK

1 NAMES OF REPORTING PERSONS
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS
(ENTITIES ONLY):

United States Trust Company, NA
13-3818954

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP
(See Instructions)

(a) []

(b) []

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

United States

3,796,592

5 SOLE VOTING POWER
NUMBER OF
SHARES
BENEFICIALLY
OWNED BY EACH
REPORTING

PERSON WITH

0

6 SHARED VOTING POWER

7 SOLE DISPOSITIVE POWER 3,950,260

8 SHARED DISPOSITIVE POWER 146,578

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

4,096,838

(includes 2,165 shares of common stock held as trustee on behalf of the Retirement Plan of the Greater New York Savings Bank and 19,300 shares held as trustee on behalf of the Westar Energy Executive Continuation Plan)

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)

[]

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

13.45%

12 TYPE OF REPORTING PERSON (See Instructions)

BK

1 NAMES OF REPORTING PERSONS
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS
(ENTITIES ONLY):

Banc of America Investment Advisors, Inc.
56-2058405

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP
(See Instructions)

(a) []

(b) []

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

0

5 SOLE VOTING POWER

NUMBER OF
SHARES
BENEFICIALLY
OWNED BY EACH
REPORTING

PERSON WITH

	373*
6	SHARED VOTING POWER

	0
7	SOLE DISPOSITIVE POWER

	0
8	SHARED DISPOSITIVE POWER

9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
	373*

10	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)
	[]

11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
	0.00%*

12	TYPE OF REPORTING PERSON (See Instructions)
	IA

*Note: Includes shares held in separately managed account ("SMA") programs over which unaffiliated managers exercise investment discretion and voting power and over which, in certain instances, the reporting entity has concluded that it also could be deemed to have shared investment discretion and voting power for the purposes of this report. May also include shares held in SMA programs over which unaffiliated managers exercise investment discretion and voting power, and over which the reporting entity does not exercise shared investment discretion and voting power.

Explanatory Note:

Shares reported on line nine of page five relating to United States Trust Company, N.A., include 2,165 shares of common stock held in trust for the Retirement Plan of the Greater New York Savings Bank and 19,300 shares of common stock held in trust for the Westar Energy Inc. Executive Salary Continuation Plan. United States Trust Company, N.A. has sole voting and dispositive powers with respect to the shares of Senomyx Inc. common stock held under the terms of the trusts established to fund the above referenced plans.

Item 1(a). Name of Issuer:

Senomyx Inc

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

4767 Nexus Center Drive
San Diego, CA 92121

Item 2(a). Name of Person Filing:

Bank of America Corporation
NB Holdings Corporation
Bank of America N.A.
United States Trust Company, N.A.
Banc of America Investment Advisors, Inc

Item 2(b). Address of Principal Business Office or, if None, Residence:

Each Reporting Person has its or his principal business office at 100 North Tryon Street, Floor 25, Bank of America Corporate Center, Charlotte, NC 28255.

Item 2(c). Citizenship:

Bank of America Corporation Delaware
NB Holdings Corporation Delaware
Bank of America N.A. United States
United States Trust Company, N.A. United States
Banc of America Investment Advisors, Inc. Delaware

Item 2(d). Title of Class of Securities:

Common Stock

Item 2(e). CUSIP Number:

81724Q107

Item 3. If This Statement is Filed Pursuant to Rule 13d-1(b), or 13d-2(b) or (c), Check Whether the Person Filing is a:

- (a) Broker or dealer registered under Section 15 of the Exchange Act.
- (b) Bank as defined in Section 3(a)(6) of the Exchange Act.
- (c) Insurance company as defined in Section 3(a)(19) of the Exchange Act.
- (d) Investment company registered under Section 8 of the Investment Company Act.
- (e) An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E).
- (f) An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F).
- (g) A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G).
- (h) A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act.
- (i) A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act.
- (j) Group, in accordance with Rule 13d-1(b)(1)(ii)(J).

If this statement is filed pursuant to Rule 13d-1(c), check this box.

Item 4. Ownership:

With respect to the beneficial ownership of the reporting person, see Items 5 through 11 of the cover pages to this Schedule 13G, which are incorporated herein by reference.

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

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following [].

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 or Control Person:

With respect to Subsidiary Identification and Classification, see Items 5 through 11 of the cover pages to this Schedule 13G, which are incorporated herein by reference.

Item 8. Identification and Classification of Members of the Group:

Not applicable.

Item 9. Notice of Dissolution of Group:

Not applicable.

Item 10. Certification:

By signing below each of the undersigned certifies that, to the best of such undersigned's knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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.

Dated: January 14, 2008

Bank of America Corporation
NB Holdings Corporation
Bank of America, N.A.

By: /s/ Lucille E. Reymann

Lucille E. Reymann
Senior Vice President

United States Trust Company, N.A.

By: /s/ Michael Murphy

Michael Murphy
Senior Vice President

Banc of America Investment Advisors, Inc.

By: /s/ Daniel S. McNamara

David S. McNamara
Senior Vice President

EXHIBIT 99.1 - JOINT FILING AGREEMENT

The undersigned hereby agree that they are filing this statement jointly pursuant to Rule 13d-1(k)(1). Each of them is responsible for the timely filing of such Schedule 13G and any amendments thereto, and for the completeness and accuracy of the information concerning such person contained therein; but none of them is responsible for the completeness or accuracy of the information concerning the other persons making the filing, unless such person knows or has reason to believe that such information is inaccurate.

In accordance with Rule 13d-1(k)(1) promulgated under the Securities and Exchange Act of 1934, as amended, the undersigned hereby agree to the joint filing with each other on behalf of each of them of to such a statement on Schedule 13G with respect to the common stock of beneficially owned by each of them. This Joint Filing Agreement shall be included as an exhibit to such Schedule 13G.

Dated: January 14, 2008

Bank of America Corporation
NB Holdings Corporation
Bank of America, N.A.

By: /s/ Lucille E. Reymann

Lucille E. Reymann
Senior Vice President

United States Trust Company, N.A.

By: /s/ Michael Murphy

Michael Murphy
Senior Vice President

Banc of America Investment Advisors, Inc.

By: /s/ Daniel S. McNamara

David S. McNamara
Senior Vice President