```
    DK
DK
ENTER SAMPLE NAME>99304
ENTER CLASS NAME>1.0
ENTER SAMPLE CODE>A
ENTER SAMPLE DIGIT>
SAT>PC
PC
EA
AN
TY
```

G1B-001M

```
BURN # 1          WHR1     2-NOV-87 15:22:01
  LV
7131.0
  AG        AL        AS        B         BA        BE        BI        CA        CD        CO
.00062    .11684   -.0077    .00662    .00369   -.0003    .01520    .93578   -.0000    .00173
  CR        CU        FE        K         LI        MX        MG        MN        MO        NA
.01127    .00387    .05066   2.6987    .00774    .06454    .13195    .00321   -.0007   3.2637
  NI        P         PB        SB        SC        SE        SI        SN        SR        TI
.00963   1.9067    .02036    .01883    .02286    .02043    .51945    .01089    .00824    .00082
  TL        V         ZN        N1        HG
.02593    .01372    .00176   1.0114    10.003
AN
TY

BURN # 2          WHR1     2-NOV-87 15:22:41
  LV
7132.0
  AG        AL        AS        B         BA        BE        BI        CA        CD        CO
-.0050    .09918   -.0250    .00412    .00410   -.0017   -.0180    .92644   -.0000   -.0015
  CR        CU        FE        K         LI        MX        MG        MN        MO        NA
.00888    .00102    .04795   1.8048    .00496   -.2194    .13427    .00259    .00181   3.4727
  NI        P         PB        SB        SC        SE        SI        SN        SR        TI
-.0035   1.9625   -.0241   -.0967    .02131   -.0053    .51544    .00410    .00851   -.0031
  TL        V         ZN        N1        HG
-.0952    .01099   -.0002    .70961    .00000
TA

AVERAGE           N=2      WHR1     2-NOV-87 15:22:58
  LV
7131.5
  AG        AL        AS        B         BA        BE        BI        CA        CD        CO
-.0022    .10801   -.0164    .00537    .00389   -.0010   -.0014    .93111   -.0000    .00010
  CR        CU        FE        K         LI        MX        MG        MN        MO        NA
.01008    .00245    .04930   2.2518    .00635   -.0774    .13311    .00290    .00055   3.3682
  NI        P         PB        SB        SC        SE        SI        SN        SR        TI
.00304   1.9346   -.0019   -.0389    .02209    .00755    .51744    .00749    .00837   -.0012
  TL        V         ZN        N1        HG
-.0346    .01236    .00079    .86049   5.0014
LA

SAT>
```

```
    DK
DK
ENTER SAMPLE NAME>BLC
ENTER CLASS NAME>1.0
ENTER SAMPLE CODE>BLC
ENTER SAMPLE DIGIT>
SAT>PC
PC
EA
AN
TY

BURN # 1          WHR1     2-NOV-87 15:24:01
  LV
7131.5
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
-.0005   .05173   -.0046   -.0070   .00082   -.0001   .00688   .03747   .00014   -.0007
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
-.0005   -.0006   -.0034   2.2982   .00645   -.2452   .00165   .00148   -.0007   .02052
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
-.0025   .11789   -.0084   .00317   .02216   -.0282   .06176   .00698   .00060   -.0039
  TL       V        ZN       N1       HG
-.0315   .01097   -.0064   .84065   .00000
AN
TY

BURN # 2          WHR1     2-NOV-87 15:24:40
  LV
7132.5
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
-.0023   .03442   -.0166   -.0081   -.0012   -.0002   -.0076   .02347   .00063   -.0019
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
-.0017   -.0018   -.0027   1.5841   .00440   -.2452   .00137   .00123   -.0016   .01227
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.00051   .06150   -.0160   -.0316   .02075   -.0034   .04237   .00137   .00038   -.0047
  TL       V        ZN       N1       HG
-.0667   .00579   -.0065   .55294   10.001
TA

AVERAGE           N=2      WHR1     2-NOV-87 15:24:57
  LV
7132.0
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
-.0014   .04307   -.0106   -.0076   -.0002   -.0001   -.0004   .03047   .00038   -.0013
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
-.0011   -.0012   -.0030   1.9412   .00543   -.2452   .00151   .00136   -.0012   .01640
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
-.0010   .08969   -.0122   -.0142   .02145   -.0158   .05206   .00418   .00049   -.0043
  TL       V        ZN       N1       HG
-.0491   .00838   -.0064   .69679   5.0004
LA

SAT>
```

Cont. BIK.

```
    DK
DK
ENTER SAMPLE NAME>STD2
ENTER CLASS NAME>1.0
ENTER SAMPLE CODE>CV1
ENTER SAMPLE DIGIT>
SAT>PC
PC
EA
AN
TY
```

Cont. Std.

```
BURN # 1          WHR1     2-NOV-87 15:26:01
  LV
7131.5
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
.00037   9.7414   9.9504   9.5875   .00205   .00014   5.0124   10.497   .02018   .00051
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.00309   -.0006   9.9015   48.560   .00716   9.3310   10.319   .00333   .00012   9.2046
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
10.249   49.917   10.166   .02249   .02187   9.3767   .08106   -.0057   .00108   .00032
  TL       V        ZN       N1       HG
-.0042   .01008   .01478   10.025   20.004
AN
SAT --BURN aborted
SAT --Current(cmdfile level and/or cmdline)terminated by user
SAT>ANTYTALA
AN
TY

BURN # 3          WHR1     2-NOV-87 15:27:33
  LV
7134.0
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
-.0024   9.6755   9.7689   9.5973   .00164   .00053   4.9899   10.438   .02016   .00051
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.00249   -.0010   9.9372   47.927   .00724   9.3018   10.335   .00320   -.0012   9.2177
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
10.111   49.053   10.087   -.0483   .02152   9.1882   .07120   .00225   .00114   .00031
  TL       V        ZN       N1       HG
-.0090   .00868   .01456   9.9616   <-10.0
TA

AVERAGE           N=2      WHR1     2-NOV-87 15:27:50
  LV
7132.7
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
-.0010   9.7085   9.8597   9.5924   .00184   .00033   5.0012   10.467   .02017   .00051
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.00279   -.0008   9.9193   48.244   .00720   9.3164   10.327   .00327   -.0005   9.2111
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
10.180   49.485   10.126   -.0129   .02170   9.2825   .07613   -.0017   .00111   .00031
  TL       V        ZN       N1       HG
-.0066   .00938   .01467   9.9933   -4.996
LA
SAT>
```

```
    DK
DK
ENTER SAMPLE NAME>STD3
ENTER CLASS NAME>1.0
ENTER SAMPLE CODE>CV2
ENTER SAMPLE DIGIT>
SAT>PC
PC
EA
AN
TY
```

Cont. Std.

```
BURN # 1          WHR1     2-NOV-87 15:29:01
  LV
7133.0
  AG        AL        AS        B         BA        BE        BI        CA        CD        CO
1.0211    .03594   -.0025    .02910    .88022    .93045   -.0019    .02847   1.0521    .99521
  CR        CU        FE        K         LI        MX        MG        MN        MO        NA
.99919    .92142    .00243   1.6639    .87813   -.0130    .00481    .99740   -.0008    .02458
  NI        P         PB        SB        SC        SE        SI        SN        SR        TI
.00152    .12567    .01055   -.0149    .02110    .02282    .05434    .02090    .92157   -.0024
  TL        V         ZN        N1        HG
-.0137    .97829   1.0366    .59687   10.000
AN
TY

BURN # 2          WHR1     2-NOV-87 15:29:40
  LV
7131.5
  AG        AL        AS        B         BA        BE        BI        CA        CD        CO
1.0224    .02851   -.0091    .02120    .89598    .94656   -.0025    .02191   1.0445    .99725
  CR        CU        FE        K         LI        MX        MG        MN        MO        NA
1.0006    .93874    .00042   1.3688    .90704   -.2194    .00302    .99909   -.0008    .01915
  NI        P         PB        SB        SC        SE        SI        SN        SR        TI
.00760    .13361   -.0398    -.0279    .02054    .02240    .04674   -.0008    .93450    .00000
  TL        V         ZN        N1        HG
-.0271    .98062   1.0365    .50472   30.006
TA

AVERAGE           N=2      WHR1     2-NOV-87 15:29:57
  LV
7132.2
  AG        AL        AS        B         BA        BE        BI        CA        CD        CO
1.0218    .03223   -.0058    .02515    .88810    .93850   -.0022    .02519   1.0483    .99623
  CR        CU        FE        K         LI        MX        MG        MN        MO        NA
.99989    .93008    .00143   1.5163    .89259   -.1162    .00392    .99825   -.0008    .02186
  NI        P         PB        SB        SC        SE        SI        SN        SR        TI
.00456    .12964   -.0146    -.0214    .02082    .02261    .05054    .01004    .92803   -.0012
  TL        V         ZN        N1        HG
-.0204    .97946   1.0365    .55079   20.003
LA

SAT>
```

```
    DK
DK
ENTER SAMPLE NAME>ICS
ENTER CLASS NAME>2.0
ENTER SAMPLE CODE>CC
ENTER SAMPLE DIGIT>
SAT>PC
PC
EA
AN
TY
```

I.C.S. (0387-AB)

1/20

```
BURN # 1          WHR1     2-NOV-87 15:31:01
  LV
7131.0
  AG        AL        AS        B         BA        BE        BI        CA        CD        CO
.49470   246.71    -.1037    .22603    .21151    .21677    .00098   247.57    .49080    .24106
  CR        CU        FE        K         LI        MX        MG        MN        MO        NA
.24914   .24280    90.643    1.4903    .04072   231.85    156.22    .27289    .00579    .43808
  NI        P         PB        SB        SC        SE        SI        SN        SR        TI
.44862   .89994    2.3521    .11035    .02384   -.0178    2.0833    .00706    .06326    .00192
  TL        V         ZN        N1        HG
.49763   .25781    .49737    96.308    20.006
AN
TY

BURN # 2          WHR1     2-NOV-87 15:31:41
  LV
7130.0
  AG        AL        AS        B         BA        BE        BI        CA        CD        CO
.48535   252.79    -.0207    .22248    .21933    .22288   -.0321   245.14    .48326    .24069
  CR        CU        FE        K         LI        MX        MG        MN        MO        NA
.24299   .25140    91.506    .80699    .03760   236.40    154.74    .27318    .00643    .45050
  NI        P         PB        SB        SC        SE        SI        SN        SR        TI
.45375   .86970    2.3207    -.0950    .02258    .02203    2.0759   -.0100    .06489    .00106
  TL        V         ZN        N1        HG
.38513   .25545    .49092    97.834    <-10.0
TA

AVERAGE           N=2      WHR1     2-NOV-87 15:31:58
  LV
7130.5
  AG        AL        AS        B         BA        BE        BI        CA        CD        CO
.49003   249.75    -.0622    .22425    .21542    .21983   -.0156   246.36    .48703    .24088
  CR        CU        FE        K         LI        MX        MG        MN        MO        NA
.24607   .24710    91.074    1.1487    .03916   234.12    155.48    .27303    .00611    .44429
  NI        P         PB        SB        SC        SE        SI        SN        SR        TI
.45118   .88482    2.3364    .00766    .02321    .00212    2.0796   -.0015    .06408    .00149
  TL        V         ZN        N1        HG
.44138   .25663    .49414    97.071    5.0007
LA

SAT>LO-
LO
SAT>
```

WEYERHAEUSER TECHNOLOGY CENTER
Analytical Laboratories
Tacoma, Washington

DATA

Material: filters (quartz)

Analysis For: metals

Service Request 16122

Method SAS 3285-H

sample #	99305-318, 99326-334 (23 total)							
aliquot	1"X8" →							
dilu	40 mL →							
matrix	0.31 M HNO_3 + 0.67 M HCl →							

	3 reagent blanks							
QC @ 10%	3 filter blanks (quartz)							
	3 MCS's (quartz)							
	3 duplicates: 99305; 99315; 99334							

Comments:

ANALYST: JB

WITNESS:

DATE: 11/5/87

DATE:

NB NUMBER:

PAGE NUMBER: 050

3/88 FORM 6005 PRINT SHOP/TACOMA

Dana Munson

1-800-552-7440

ext. 5840

8:00-4:30

```
SAT>IS
IS
STD1 STD2 STD3 STD4 STD5 STD6
SAT>EABIANTYANTY


EA
BI
AN
TY

BURN # 1          WHR1     10-NOV-87 13:10:02
  LV
7136.0
  AG       AL       AS       B        BA       BF       BI       CA       CD       CO
-2.000   613.00   -3.500   8.0000   .00000   7.0000   4.5000   296.00   1.0000   .00000
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
-.5000   4.0000   3.5000   1494.0   257.00   .50000   23.000   27.000   1.0000   82.000
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
-1.500   420.00   -12.50   -18.50   129.00   34.500   132.50   -20.00   27.000   -1.000
  TL       V        ZN       N1       HG
-5.000   87.000   15.500   1089.5   .00000
AN
TY

BURN # 2          WHR1     10-NOV-87 13:10:35
  LV
7134.0
  AG       AL       AS       B        BA       BF       BI       CA       CD       CO
-4.000   618.00   1.5000   7.5000   .50000   8.0000   4.5000   295.00   .00000   -2.000
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
3.0000   4.0000   2.0000   1507.0   258.00   1.0000   19.000   27.000   .00000   83.000
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
-2.500   409.00   -13.00   -6.000   130.00   11.000   132.00   25.500   27.000   -1.000
  TL       V        ZN       N1       HG
-3.000   88.000   17.500   1092.5   1.0000
SAT>NS
NS
ENTER STANDARD NAME>STD1
SAT>
```

EAANTYANTY

EA
AN
TY

BURN # 1 WHR1 10-NOV-87 13:12:02

LV									
7134.0									
AG	AL	AS	B	BA	BE	BI	CA	CD	CO
-11.00	18815.	15852.	6551.5	2.0000	7.5000	10936.	13033.	304.50	.50000
CR	CU	FE	K	LI	MX	MG	MN	MO	NA
7.5000	7.5000	7367.0	9413.5	268.00	190.00	34811.	35.000	-3.000	3673.5
NI	P	PB	SB	SC	SE	SI	SN	SR	TI
4778.0	16843.	9672.5	-51.50	133.50	1468.5	140.00	-40.50	31.000	-2.000
TL	V	ZN	N1	HG					
-191.0	92.000	187.00	3385.5	.00000					

AN
TY

BURN # 2 WHR1 10-NOV-87 13:12:35

LV									
7134.5									
AG	AI	AS	B	BA	BE	BI	CA	CD	CO
-2.500	18761.	15848.	6536.0	2.0000	8.0000	10959.	13041.	298.50	3.0000
CR	CU	FE	K	LI	MX	MG	MN	MO	NA
5.0000	6.0000	7355.0	9385.0	261.50	185.00	34816.	35.000	-3.500	3657.0
NI	P	PB	SB	SC	SE	SI	SN	SR	TI
4774.0	16774.	9663.0	-36.50	133.50	1500.5	140.00	-60.00	30.500	-1.500
TL	V	ZN	N1	HG					
-187.5	93.500	169.00	3398.5	.00000					

SAT>NS
NS
ENTER STANDARD NAME>STD2
SAT>

EAANTYANTY

EA
AN
TY

BURN # 1 WHR1 10-NOV-87 13:14:02

LV									
7133.0									
AG	AI	AS	B	BA	BE	BI	CA	CD	CO
1840.5	677.50	40.000	27.500	1124.5	2585.5	-5.000	312.00	2738.5	2367.5
CR	CU	FE	K	LI	MX	MG	MN	MO	NA
2351.0	1185.0	3.0000	1498.0	4998.5	3.5000	44.000	3881.5	1.0000	87.500
NI	P	PB	SB	SC	SE	SI	SN	SR	TI
1.5000	413.00	-11.00	-2.500	130.50	13.000	143.00	-2.500	8785.0	-1.500
TL	V	ZN	N1	HG					
-8.000	1433.5	4193.0	1095.0	.50000					

AN
TY

BURN # 2 WHR1 10-NOV-87 13:14:35

LV									
7133.0									
AG	AI	AS	B	BA	BE	BI	CA	CD	CO
1844.5	678.00	35.500	22.000	1123.5	2586.5	.00000	309.00	2751.5	2358.0
CR	CU	FE	K	LI	MX	MG	MN	MO	NA
2339.5	1186.0	2.0000	1508.0	4992.0	2.5000	39.000	3880.0	.50000	87.000
NI	P	PB	SB	SC	SE	SI	SN	SR	TI
.00000	422.50	-28.50	-5.500	130.00	25.000	144.00	-12.50	8776.5	.00000
TL	V	ZN	N1	HG					
2.5000	1432.0	4204.0	1099.0	1.0000					

SAT>NS
NS
ENTER STANDARD NAME>STD3
SAT>

EAANTYANTY

EA
AN
TY

BURN # 1 WHR1 10-NOV-87 13:18:18

LV									
7135.5									
AG	AL	AS	B	BA	BE	BI	CA	CD	CO
-20.00	828.50	48.500	6.0000	11440.	11.000	-2.500	353.00	2.5000	-40.00
CR	CU	FE	K	LI	MX	MG	MN	MO	NA
43.000	8.0000	59.500	1517.5	268.50	1.0000	115.00	53.000	11487.	119.50
NI	P	PB	SB	SC	SE	SI	SN	SR	TI
4.0000	445.00	14.000	6590.0	140.00	12079.	171.00	29927.	29.000	5350.5
TL	V	ZN	N1	HG					
4227.0	108.50	10.500	1218.0	.00000					

AN
TY

BURN # 2 WHR1 10-NOV-87 13:18:51

LV									
7134.0									
AG	AL	AS	B	BA	BE	BI	CA	CD	CO
-18.50	823.00	32.000	5.0000	11492.	9.5000	-.5000	348.00	2.5000	-41.50
CR	CU	FE	K	LI	MX	MG	MN	MO	NA
42.500	8.0000	49.000	1512.0	265.00	2.0000	48.500	51.000	11475.	116.00
NI	P	PB	SB	SC	SE	SI	SN	SR	TI
9.0000	445.00	-26.00	6609.5	137.00	12146.	168.00	29948.	29.000	5350.0
TL	V	ZN	N1	HG					
4227.5	108.00	7.5000	1204.0	.00000					

SAT>NS
NS
ENTER STANDARD NAME>STD4
SAT>

```
    EAANTYANTY



EA
AN
TY

BURN # 1          WHR1     10-NOV-87 13:20:17
  LV
7137.0
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
-64.00   672.00   38.500   91.000   9.0000   8.0000   3.0000   404.00   -2.500   3.5000
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
-9.500   6.0000   70657.   1489.0   272.50   2784.0   ******   51.000   -13.00   17927.
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
-1.000   654.00   18.000   -254.5   140.00   -529.0   12417.   -14.00   31.000   .50000
  TL       V        ZN       N1       HG
-29.50   127.50   81.500   24145.   -.5000
AN
TY

BURN # 2          WHR1     10-NOV-87 13:20:50
  LV
7137.0
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
-67.00   683.00   62.500   91.000   8.0000   9.5000   7.5000   403.00   -2.000   6.0000
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
-.5000   5.5000   70795.   1484.5   279.00   2785.0   ******   51.000   -13.00   17953.
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
-1.500   659.00   19.000   -234.0   139.50   -497.0   12449.   2.5000   31.000   .00000
  TL       V        ZN       N1       HG
-27.00   129.00   84.000   24242.   1.0000
SAT>NS
NS
ENTER STANDARD NAME>STD5
SAT>SS
SS
ENTER VALUE(S)>
SAT>WATSCO
WA
TS
CO
SAT>LO+
LO
FILENAME? >161222
ENTER SAMPLE NAME>
ENTER CLASS NAME>
SAT>SC
SC
ENTER COMMAND STRING>EAANTYANTYTALA
SAT>
```

Init. Cal. Blk.

```
    DK
DK
ENTER SAMPLE NAME>BLI
ENTER CLASS NAME>1.0
ENTER SAMPLE CODE>BLI
ENTER SAMPLE DIGIT>
SAT>PC
PC
EA
AN
TY

BURN # 1          WHR1     10-NOV-87 13:31:32
  LV
7134.5
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
.00051   -.0005   -.0184   -.0003   .00022   .00059   -.0016   -.0051   .00001   .00021
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
-.0001   .00000   .00578   -.3032   -.0023   .01348   .00273   .00000   .00042   -.0014
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.00523   .02472   .00596   .00597   .01766   -.0029   -.0111   .00808   -.0002   -.0009
  TL       V        ZN       N1       HG
.00137   -.0003   -.0031   -.0906   19.992
AN
TY

BURN # 2          WHR1     10-NOV-87 13:32:12
  LV
7134.0
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
-.0011   -.0024   .00799   .00050   -.0007   .00020   -.0016   -.0047   .00028   .00000
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.00011   .00085   .00170   -.2582   -.0015   -.0404   .00259   .00000   -.0004   -.0042
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.01046   -.0286   -.0105   -.0023   .01780   -.0185   -.0070   -.0023   .00000   -.0019
  TL       V        ZN       N1       HG
.00160   -.0003   -.0028   -.0816   .00000
TA

AVERAGE           N=2      WHR1     10-NOV-87 13:32:29
  LV
7134.2
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
-.0003   -.0015   -.0052   .00012   -.0002   .00040   -.0016   -.0049   .00014   .00011
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
-.0000   .00042   .00374   -.2807   -.0019   -.0135   .00266   .00000   -.0000   -.0028
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.00785   -.0020   -.0023   .00185   .01773   -.0107   -.0091   .00290   -.0001   -.0014
  TL       V        ZN       N1       HG
.00148   -.0003   -.0030   -.0861   9.9958
LA

SAT>
```

```
    DK
DK
ENTER SAMPLE NAME>ICV1
ENTER CLASS NAME>1.0
ENTER SAMPLE CODE>II1
ENTER SAMPLE DIGIT>
SAT>PC
PC
EA
AN
TY
```

Ver. Std.

```
BURN # 1          WHR1     10-NOV-87 13:33:33
  LV
7133.5
  AG        AL        AS        B         BA        BE        BI        CA        CD        CO
.47912    2.0415    -.0009    .07402    1.9132    .47112    -.0003    49.082    .47329    .47633
  CR        CU        FE        K         LI        MX        MG        MN        MO        NA
.49346    .51203    1.9206    49.194    .00772    24.839    23.694    .49169    -.0010    49.704
  NI        P         PB        SB        SC        SE        SI        SN        SR        TI
.46991    .11119    4.2588    -.0162    .01836    .01929    .79952    -.0012    .01416    .00147
  TL        V         ZN        N1        HG
.00694    .50539    2.8952    2.0494    -.0014
AN
TY

BURN # 2          WHR1     10-NOV-87 13:34:13
  LV
7134.5
  AG        AL        AS        B         BA        BE        BI        CA        CD        CO
.48204    2.0444    .00505    .07400    1.9190    .47161    -.0030    49.244    .47644    .47795
  CR        CU        FE        K         LI        MX        MG        MN        MO        NA
.49296    .51365    1.9231    49.525    .00918    24.297    23.796    .49461    -.0001    49.859
  NI        P         PB        SB        SC        SE        SI        SN        SR        TI
.46880    .06359    4.2639    .03719    .01850    -.0000    .81153    -.0032    .01416    -.0004
  TL        V         ZN        N1        HG
.00689    .50754    2.9099    2.0549    39.982
TA

AVERAGE           N=2      WHR1     10-NOV-87 13:34:30
  LV
7134.0
  AG        AL        AS        B         BA        BE 98     BI        CA        CD 97     CO 101
.48058    2.0430    .00206    .07401    1.9161    .47136    -.0017    49.163    .47486    .47714
  CR 97     CU 95     FE        K         LI        MX        MG        MN        MO        NA
.49321    .51284    1.9219    49.360    .00845    24.568    23.745    .49315    -.0006    49.782
  NI 95     P         PB 94     SB        SC        SE        SI        SN        SR        TI
.46935    .08739    4.2613    .01049    .01843    .00963    .80552    -.0022    .01416    .00054
  TL        V 99      ZN 94     N1        HG
.00692    .50647    2.9025    2.0522    19.990
LA

SAT>
```

```
    TX
TX
ENTER TEXT STRING> ICV2 1/2 DILN OF CONCENTRATE
SAT>EAANTYANTYTA
```

Ver. Std.

```
EA
AN
TY

BURN # 1          WHR1     10-NOV-87 13:35:50
  LV
7135.5
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
.00109   .00437   .45731   .00419   -.0002   .00058   .00207   .02038   .00062   .00127
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.00394   .00169   .00714   -.0102   -.0018   -.2021   .00977   .00065   -.0030   .05319
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.00314   -.0139   .03169   -.0183   .01808   .95452   .02740   -.0114   -.0000   -.0019
  TL       V        ZN       N1       HG
.02023   .00037   .00515   .00833   39.979
AN
TY

BURN # 2          WHR1     10-NOV-87 13:36:30
  LV
7135.0
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
-.0014   .00194   .44754   .00348   .00109   .00021   -.0057   .01059   .00126   .00000
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.00181   .00169   .00510   -.0855   -.0013   .01347   .00575   .00000   -.0004   .04341
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.00105   -.0564   -.0054   .01686   .01801   .92750   .02338   .00542   .00000   -.0056
  TL       V        ZN       N1       HG
-.0177   -.0007   .00408   -.0303   .00280
TA

AVERAGE           N=2      WHR1     10-NOV-87 13:36:47
  LV
7135.2
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
-.0001   .00316   .45243   .00384   .00044   .00040   -.0018   .01549   .00094   .00063
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.00288   .00169   .00612   -.0478   -.0015   -.0943   .00776   .00032   -.0017   .04830
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.00209   -.0351   .01315   -.0007   .01804   .94101   .02539   -.0030   -.0000   -.0037
  TL       V        ZN       N1       HG
.00127   -.0002   .00461   -.0110   19.991
SAT>
```

```
    DK
DK
ENTER SAMPLE NAME>ICS
ENTER CLASS NAME>2.0
ENTER SAMPLE CODE>CI
ENTER SAMPLE DIGIT>
SAT>PC
PC
EA
AN
TY
```

(0387) 1/20

```
BURN # 1          WHR1     10-NOV-87 13:38:03
  LV
7134.5
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
.46050   244.41   .02102   -.0140   .22830   .22221   .00386   236.74   .44076   .22925
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.24600   .25555   87.130   -.3728   .03370   237.94   148.86   .26255   .00120   .27171
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.45310   .64380   2.2549   .04914   .02046   -.0150   .29345   -.0106   .06613   -.0004
  TL       V        ZN       N1       HG
.48684   .24978   .45854   98.769   19.992
AN
TY

BURN # 2          WHR1     10-NOV-87 13:38:43
  LV
7136.5
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
.45512   246.31   -.0097   -.0177   .22998   .22349   .00160   237.12   .44186   .23003
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.24465   .25929   87.630   -.4355   .03323   239.95   149.51   .26351   .00387   .27577
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.41950   .65577   2.2947   .06626   .02025   -.0936   .28916   .00189   .06680   -.0032
  TL       V        ZN       N1       HG
.46065   .25183   .46115   99.205   39.976
TA

AVERAGE           N=2      WHR1     10-NOV-87 13:39:00
  LV
7135.5
  AG       AL       AS       B        BA       BE 94    BI       CA       CD 97    CO 96
.45781   245.36   .00564   -.0158   .22914   .22285   .00273   236.93   .44131   .22964
  CR 95    CU 96    FE       K        LI       MX       MG       MN       MO       NA
.24533   .25742   87.380   -.4041   .03346   238.95   149.18   .26303   .00254   .27374
  NI 95    P        PB 93    SB       SC       SE       SI       SN       SR       TI
.43630   .64979   2.2748   .05770   .02036   -.0543   .29131   -.0043   .06646   -.0018
  TL       V 105    ZN 94    N1       HG
.47375   .25080   .45984   98.987   29.984
LA

SAT>
```

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    \
SAT --Syntax error
SAT>TX
TX
ENTER TEXT STRING> RGT BLK-1
SAT>EAANTYANTYTA



EA
AN
TY

BURN # 1          WHR1     10-NOV-87 13:49:04
  LV
7135.0
  AG       AL       AS       B        BA       BE       BI       CA       CB       CO
.00056   .05774   .01099   .06532   .00501   .00038   -.0025   .11064   .00189   .00042
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.00416   .00169   .04384   .10443   -.0002   .04042   .04857   .00156   -.0022   .11063
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.00837   -.0019   .02565   .05129   .01808   -.0059   -.0905   .00844   .00137   .00374
  TL       V        ZN       N1       HG
.04057   .00110   .00224   .05629   19.992
AN
TY

BURN # 2          WHR1     10-NOV-87 13:49:44
  LV
7134.5
  AG       AL       AS       B        BA       BE       BI       CA       CB       CO
-.0011   .05228   -.0023   .06388   .00545   .00019   -.0002   .10949   .00294   .00106
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.00267   .00127   .04112   -.0721   .00074   .06738   .04900   .00156   -.0004   .10785
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.00209   -.0245   .00094   .01846   .01787   .01247   -.0945   .00743   .00131   .00094
  TL       V        ZN       N1       HG
.00127   .00075   .00227   .00033   <-10.0
TA

AVERAGE           N=2      WHR1     10-NOV-87 13:50:01
  LV
7134.7
  AG       AL       AS       B        BA       BE       BI       CA       CB       CO
-.0003   .05501   .00435   .06460   .00523   .00028   -.0014   .11007   .00241   .00074
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.00341   .00148   .04248   .01615   .00026   .05390   .04879   .00156   -.0013   .10924
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.00523   -.0132   .01330   .03487   .01798   .00329   -.0925   .00794   .00134   .00234
  TL       V        ZN       N1       HG
.02092   .00093   .00226   .02831   .00140
SAT>
```

```
    TX
TX
ENTER TEXT STRING> RGT BLK-2
SAT>EAANTYANTYTA
```

```
EA
AN
TY

BURN # 1          WHR1     10-NOV-87 13:50:52
  LV
7136.0
  AG       AL       AS       B        BA       BF       BI       CA       CD       CO
.00055   .00984   .00277   .00264   .00371   -.0000   -.0009   .08666   -.0004   .00042
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.00330   .00169   .01326   .05245   -.0009   -.0404   .02356   .00130   .00131   .05737
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.00000   .02867   .01316   .01112   .01808   -.0095   -.1698   -.0036   .00120   -.0019
  TL       V        ZN       N1       HG
.00356   .00036   .00107   .02531   19.992
AN
TY

BURN # 2          WHR1     10-NOV-87 13:51:31
  LV
7135.0
  AG       AL       AS       B        BA       BF       BI       CA       CD       CO
-.0011   .00878   .00247   .00041   .00240   .00078   -.0007   .08200   -.0002   -.0004
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.00309   .00127   .01054   -.0918   -.0007   .04042   .02313   .00052   -.0022   .05882
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.00209   .02896   .00699   -.0126   .01773   -.0209   -.1799   .00359   .00114   -.0019
  TL       V        ZN       N1       HG
-.0165   .00075   .00071   -.0173   39.980
TA

AVERAGE           N=2      WHR1     10-NOV-87 13:51:48
  LV
7135.5
  AG       AL       AS       B        BA       BF       BI       CA       CD       CO
-.0003   .00931   .00262   .00152   .00305   .00039   -.0008   .08433   -.0003   .00000
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.00320   .00148   .01190   -.0197   -.0008   -.0000   .02335   .00091   -.0004   .05809
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.00105   .02881   .01008   -.0007   .01790   -.0152   -.1749   -.0000   .00117   -.0019
  TL       V        ZN       N1       HG
-.0065   .00055   .00089   .00400   29.986
SAT>
```

```
    TX
TX
ENTER TEXT STRING> RGT BLK-3
SAT>EAANTYANTYTA



EA
AN
TY

BURN # 1          WHR1     10-NOV-87 13:52:47
  LV
7135.0
  AG       AL       AS       B        BA       BE       BI       CA       CH       CO
.00054   .01127   -.0141   -.0011   .00327   .00058   -.0013   .08161   -.0002   .00085
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.00075   .00296   .01053   -.0601   .00021   .17517   .03046   .00000   -.0004   .03501
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.00628   .01670   .00699   .01684   .01794   -.0196   -.1820   -.0041   .00126   -.0009
  TL       V        ZN       N1       HG
.00973   .00037   .00068   -.0087   <-10.0
AN
TY

BURN # 2          WHR1     10-NOV-87 13:53:26
  LV
7134.5
  AG       AL       AS       B        BA       BE       BI       CA       CH       CO
-.0000   .01159   .00087   -.0004   .00371   .00020   -.0020   .08163   .00072   -.0004
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.00203   .00339   .00918   -.0468   -.0019   -.0404   .03047   .00078   .00044   .03643
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.01360   .01676   .02141   .03596   .01801   .01413   -.1840   -.0044   .00114   -.0019
  TL       V        ZN       N1       HG
.01597   -.0004   .00101   .00033   19.992
TA

AVERAGE           N=2      WHR1     10-NOV-87 13:53:43
  LV
7134.7
  AG       AL       AS       B        BA       BE       BI       CA       CH       CO
.00027   .01143   -.0066   -.0008   .00349   .00039   -.0017   .08162   .00025   .00021
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.00139   .00317   .00986   -.0535   -.0008   .06737   .03046   .00039   -.0000   .03572
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.00994   .01673   .01420   .02640   .01798   -.0028   -.1830   -.0043   .00120   -.0014
  TL       V        ZN       N1       HG
.01285   .00000   .00085   -.0042   .00280
SAT>
```

```
    TX
TX
ENTER TEXT STRING> FILTER BLK-1
SAT>EAANTYANTYTA



EA
AN
TY

BURN # 1          WHR1     10-NOV-87 13:54:47
  LV
7135.5
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
-.0005   .07229   -.0104   .01333   .00458   -.0000   .00004   .85410   .00083   .00000
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.00757   .00423   .05539   -.0038   -.0002   .17516   .18823   .00156   .00044   3.9473
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.00628   1.5735   .01640   .00570   .01822   -.0340   .65757   .01044   .00754   .00189
  TL       V        ZN       N1       HG
-.0115   .00110   .01029   .03863   19.992
AN
TY

BURN # 2          WHR1     10-NOV-87 13:55:27
  LV
7135.5
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
-.0011   .07011   -.0034   .01258   .00458   -.0002   -.0020   .85410   -.0005   -.0004
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.00821   .00338   .05471   -.0576   .00047   .12126   .18837   .00207   .00000   3.9543
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.00628   1.6209   .00971   -.0110   .01808   -.0175   .65554   .00376   .00754   -.0018
  TL       V        ZN       N1       HG
-.0127   .00036   .00958   .02564   19.992
TA

AVERAGE           N=2      WHR1     10-NOV-87 13:55:44
  LV
7135.5
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
-.0008   .07120   -.0069   .01296   .00458   -.0001   -.0010   .85410   .00016   -.0002
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.00789   .00381   .05505   -.0307   .00016   .14821   .18830   .00182   .00022   3.9508
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.00628   1.5972   .01305   -.0026   .01815   -.0257   .65655   .00710   .00754   .00003
  TL       V        ZN       N1       HG
-.0121   .00073   .00994   .03214   19.992
SAT>
```

```
    TX
TX
ENTER TEXT STRING> FILTER BLK-2
SAT>EAANTYANTYTA



EA
AN
TY

BURN # 1          WHR1     10-NOV-87 13:56:46
  LV
7133.5
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
.00057   .07405   .01213   .00944   .00502   -.0002   -.0024   .83674   .00097   .00127
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.00970   .01185   .07783   .11278   -.0005   .20217   .15450   .00182   .00045   4.0087
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.00523   1.5665   .00146   -.0009   .01822   -.0051   .66197   .01079   .00771   -.0018
  TL       V        ZN       N1       HG
.00382   .00148   .00833   .08761   19.992
AN
TY

BURN # 2          WHR1     10-NOV-87 13:57:26
  LV
7135.0
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
.00112   .07947   -.0035   .01171   .00589   .00018   .00033   .84357   .00076   .00127
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.01141   .01142   .07578   .14873   .00111   .17517   .15476   .00208   .00176   3.9812
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.01046   1.5948   .00354   -.0053   .01829   -.0238   .66172   .00729   .00777   .00003
  TL       V        ZN       N1       HG
.00524   .00109   .00819   .10608   .00280
TA

AVERAGE           N=2      WHR1     10-NOV-87 13:57:43
  LV
7134.2
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
.00085   .07676   .00432   .01058   .00545   -.0000   -.0010   .84016   .00087   .00127
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.01056   .01164   .07681   .13075   .00032   .18867   .15463   .00195   .00110   3.9950
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.00785   1.5806   .00250   -.0031   .01826   -.0144   .66184   .00904   .00774   -.0009
  TL       V        ZN       N1       HG
.00453   .00129   .00826   .09684   9.9972
SAT>
```

```
    TX
TX
ENTER TEXT STRING>  FILTER BLK-3
SAT>EAANTYANTYTA



EA
AN
TY

BURN # 1          WHR1     10-NOV-87 13:58:47
  LV
7134.0
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
-.0005   .08449   .00890   .01252   .00502   .00018   .00094   .77271   .00009   .00042
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.00459   .00296   .06083   .06146   -.0002   .20215   .15665   .00195   .00219   3.9174
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
-.0000   1.6275   -.0083   .03914   .01822   -.0084   .73102   .00678   .00731   -.0037
  TL       V        ZN       N1       HG
.00476   .00111   .00792   .07428   59.975
AN
TY

BURN # 2          WHR1     10-NOV-87 13:59:27
  LV
7135.0
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
-.0021   .08665   .00190   .01178   .00414   .00039   -.0034   .77100   -.0000   .00127
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.00416   .00338   .06354   .00949   -.0005   .30992   .15634   .00182   .00175   3.9182
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.00732   1.6698   -.0129   .00263   .01801   .00637   .72678   -.0053   .00714   -.0018
  TL       V        ZN       N1       HG
-.0091   .00036   .00729   .05196   .00280
TA

AVERAGE           N=2      WHR1     10-NOV-87 13:59:44
  LV
7134.5
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
-.0013   .08557   .00540   .01215   .00458   .00029   -.0012   .77185   .00004   .00085
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.00437   .00317   .06219   .03547   -.0004   .25604   .15649   .00188   .00197   3.9178
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.00366   1.6487   -.0106   .02089   .01812   -.0010   .72890   .00076   .00722   -.0028
  TL       V        ZN       N1       HG
-.0022   .00073   .00761   .06312   29.989
SAT>
```

```
    TX
TX
ENTER TEXT STRING>  MCS-3
SAT>EAANTYANTYTA


EA
AN
TY

BURN # 1          WHR1     10-NOV-87 14:04:46
  LV
7134.5
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
.00004   .07321   .10893   .01171   .00414   .04867   .00110   .78346   .04880   .51771
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.10866   .25555   .05891   .16207   -.0006   .33689   .16469   .00195   .00263   3.8793
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.42276   1.6047   1.0214   .02861   .01829   .26277   .63929   .00762   .00731   .00096
  TL       V        ZN       N1       HG
.00640   .51278   .21011   .10425   19.992
AN
TY

BURN # 2          WHR1     10-NOV-87 14:05:26
  LV
7134.0
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
-.0003   .07483   .10350   .01178   .00327   .04903   .00112   .78510   .04940   .52050
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.10739   .25811   .05891   .06146   .00070   .30997   .16384   .00195   .00219   3.9286
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.42279   1.6233   .97981   .01778   .01815   .28061   .64344   .01379   .00720   -.0018
  TL       V        ZN       N1       HG
.00873   .51543   .21131   .05479   .00000
TA

AVERAGE           N=2      WHR1     10-NOV-87 14:05:43
  LV
7134.2
  AG       AL       AS 106   B        BA       BE 98    BI       CA       CD 98    CO 104
-.0001   .07402   .10621   .01175   .00371   .04885   .00111   .78428   .04910   .51911
  CR 108   CU 103   FE       K        LI       MX       MG       MN       MO       NA
.10802   .25683   .05891   .11176   .00006   .32343   .16426   .00195   .00241   3.9040
  NI 106   P        PB 100   SB       SC       SE 109   SI       SN       SR       TI
.42277   1.6140   1.0006   .02320   .01822   .27169   .64136   .01071   .00725   -.0004
  TL       V 103    ZN 106   N1       HG
.00756   .51411   .21071   .07952   9.9958
SAT>
```

```
    TX
TX
ENTER TEXT STRING> MCS-1
SAT>EAANTYANTYTA


EA
AN
TY

BURN # 1          WHR1     10-NOV-87 14:06:37
  LV
7134.0
  AG        AL        AS        B         BA        BF        BI        CA        CD        CO
.00056    .06626    .10577    .01179    .00327    .04901   -.0003    .82591    .04901    .52282
  CR        CU        FE        K         LI        MX        MG        MN        MO        NA
.11059    .25515    .04396    .15008    .00165    .22911    .16384    .00195    .00480    3.9006
  NI        P         PB        SB        SC        SE        SI        SN        SR        TI
.40186    1.5852    1.0457    .02537    .01836    .24229    .65360    .01229    .00737   -.0018
  TL        V         ZN        N1        HG
.00307    .51692    .21068    .04613    19.992
AN
TY

BURN # 2          WHR1     10-NOV-87 14:07:17
  LV
7135.0
  AG        AL        AS        B         BA        BF        BI        CA        CD        CO
-.0005    .06378    .09626    .00947    .00371    .04904    .00291    .82419    .04819    .51958
  CR        CU        FE        K         LI        MX        MG        MN        MO        NA
.11014    .25469    .04192    .08544   -.0000    .09432    .16381    .00195    .00306    3.8664
  NI        P         PB        SB        SC        SE        SI        SN        SR        TI
.41749    1.5467    1.0157    .01801    .01815    .26291    .64530    .00327    .00731   -.0074
  TL        V         ZN        N1        HG
-.0080    .51461    .21036    .06711    19.992
TA

AVERAGE           N=2      WHR1     10-NOV-87 14:07:34
  LV
7134.5
  AG        AL        AS 101    B         BA        BF 98     BI        CA        CD 98     CO 104
.00002    .06502    .10102    .01063    .00349    .04902    .00131    .82505    .04860    .52120
  CR 110    CU 102    FE        K         LI        MX        MG        MN        MO        NA
.11036    .25492    .04294    .11776    .00080    .16171    .16382    .00195    .00393    3.8835
  NI 103    P         PB 103    SB        SC        SE 101    SI        SN        SR        TI
.40968    1.5659    1.0307    .02169    .01826    .25260    .64945    .00778    .00734   -.0046
  TL        V 103     ZN 106    N1        HG
-.0025    .51576    .21052    .05662    19.992
SAT>
```

```
    TX
TX
ENTER TEXT STRING> MCS-2
SAT>EAANTYANTYTA
```

```
EA
AN
TY

BURN # 1          WHR1     10-NOV-87 14:08:28
  LV
7133.5
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
.00008   .07647   .08975   .01154   .00676   .04921   .00064   .82716   .04845   .52455
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.11166   .25686   .21250   .10012   .00007   .22913   .16011   .00208  -.0021   3.9625
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.41444   1.6597   1.0287  -.0350   .01829   .28805   .68215   .00948   .00840  -.0018
  TL       V        ZN       N1       HG
.01554   .51692   .21257   .22619   39.985
AN
TY

BURN # 2          WHR1     10-NOV-87 14:09:08
  LV
7133.0
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
.00035   .07353   .09235   .01002   .00851   .04925  -.0003   .82684   .05007   .52269
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.11188   .25730   .21320   .17360   .00070   .17523   .15955   .00208   .00134   3.9754
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.41866   1.6172   1.0118  -.0009   .01823   .26375   .67817  -.0079   .00828  -.0046
  TL       V        ZN       N1       HG
.00154   .51474   .21052   .22653   19.992
TA

AVERAGE           N=2      WHR1     10-NOV-87 14:09:25
  LV
7133.2
  AG       AL       AS 91    B        BA       BE 98    BI       CA       CD 98    CO 104
.00021   .07500   .09105   .01078   .00763   .04923   .00019   .82700   .04926   .52362
  CR 112   CU 103   FE       K        LI       MX       MG       MN       MO       NA
.11177   .25708   .21285   .13686   .00039   .20218   .15983   .00208  -.0004   3.9690
  NI 104   P        PB 102   SB       SC       SE 110   SI       SN       SR       TI
.41655   1.6385   1.0203  -.0180   .01826   .27590   .68016   .00080   .00834  -.0032
  TL       V 103    ZN 104   N1       HG
.00854   .51583   .21154   .22636   29.988
SAT>
```

Cont. BIK.

```
    DK
DK
ENTER SAMPLE NAME>BLC
ENTER CLASS NAME>1.0
ENTER SAMPLE CODE>BLC
ENTER SAMPLE DIGIT>
SAT>PC
PC
EA
AN
TY

BURN # 1          WHR1     10-NOV-87 14:12:18
  LV
7133.0
  AG        AL        AS        B         BA        BF        BI        CA        CD        CO
.00003    .00914    .00878    .00026   -.0002    .00037   -.0002    .00556    .00046    .00021
  CR        CU        FE        K         LI        MX        MG        MN        MO        NA
.00096    .00085   -.0010    .36036    .00054    .22915   -.0006    .00000   -.0048    .00427
  NI        P         PB        SB        SC        SE        SI        SN        SR        TI
.00837    .02758    .00746    .00822    .01865    .00944    .00930    .00628    .00000   -.0056
  TL        V         ZN        N1        HG
.01460    .00149   -.0030    .09011   19.992
AN
TY

BURN # 2          WHR1     10-NOV-87 14:12:57
  LV
7135.0
  AG        AL        AS        B         BA        BF        BI        CA        CD        CO
.00057    .01180    .00336    .00026   -.0002    .00018    .00160    .00431    .00088    .00063
  CR        CU        FE        K         LI        MX        MG        MN        MO        NA
.00117    .00042    .00238    .30696    .00074    .22907   -.0006    .00000   -.0022    .00420
  NI        P         PB        SB        SC        SE        SI        SN        SR        TI
.00523   -.0460    .01314    .01652    .01857   -.0205    .01118    .00244    .00000   -.0019
  TL        V         ZN        N1        HG
.02745    .00110   -.0029    .08659   19.992
TA

AVERAGE           N=2      WHR1     10-NOV-87 14:13:14
  LV
7134.0
  AG        AL        AS        B         BA        BF        BI        CA        CD        CO
.00030    .01047    .00607    .00026   -.0002    .00028    .00069    .00494    .00067    .00042
  CR        CU        FE        K         LI        MX        MG        MN        MO        NA
.00107    .00064    .00068    .33366    .00064    .22911   -.0006    .00000   -.0035    .00423
  NI        P         PB        SB        SC        SE        SI        SN        SR        TI
.00680   -.0092    .01030    .01237    .01861   -.0055    .01024    .00436    .00000   -.0037
  TL        V         ZN        N1        HG
.02103    .00129   -.0030    .08835   19.992
LA

SAT>
```

```
    DK
DK
ENTER SAMPLE NAME>STD2
ENTER CLASS NAME>1.0
ENTER SAMPLE CODE>CV1
ENTER SAMPLE DIGIT>
SAT>PC
PC
EA
AN
TY
```

Cont. Std.

```
BURN # 1          WHR1     10-NOV-87 14:14:17
  LV
7135.0
  AG       AL       AS       B        BA       BF       BI       CA       CD       CO
.00451   10.052   10.121   9.9845   .00196   -.0004   5.0373   10.110   .00495   .00085
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.00224   .00169   10.053   50.097   .00330   10.227   10.235   .00208   -.0008   9.9692
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
10.093   50.382   10.061   .05587   .01906   -.0511   .03557   -.0099   .00046   .00124
  TL       V        ZN       N1       HG
.03398   .00272   -.0005   10.067   .00280
AN
TY

BURN # 2          WHR1     10-NOV-87 14:14:57
  LV
7135.0
  AG       AL       AS       B        BA       BF       BI       CA       CD       CO
.00449   10.069   10.085   10.031   .00153   .00055   5.0535   10.099   .00787   .00021
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.00181   -.0000   10.063   50.106   .00298   10.335   10.247   .00208   -.0043   10.038
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
10.096   50.366   10.129   -.0141   .01906   .00972   .03761   -.0069   .00034   -.0016
  TL       V        ZN       N1       HG
.01873   .00273   -.0011   10.006   59.969
TA

AVERAGE           N=2      WHR1     10-NOV-87 14:15:14
  LV
7135.0
  AG       AL       AS       B        BA       BF       BI       CA       CD       CO
.00450   10.061   10.103   10.008   .00174   .00006   5.0454   10.104   .00641   .00053
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.00203   .00085   10.058   50.101   .00314   10.281   10.241   .00208   -.0025   10.004
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
10.095   50.374   10.095   .02088   .01906   -.0207   .03659   -.0084   .00040   -.0002
  TL       V        ZN       N1       HG
.02636   .00272   -.0008   10.036   29.986
LA

SAT>
```

Cont. Std.

```
    DK
DK
ENTER SAMPLE NAME>STD3
ENTER CLASS NAME>1.0
ENTER SAMPLE CODE>CV2
ENTER SAMPLE DIGIT>
SAT>PC
PC
EA
AN
TY

BURN # 1          WHR1     10-NOV-87 14:16:21
  LV
7136.0
  AG       AL       AS       B        BA       BF       BI       CA       CD       CO
1.0118   .01392   .00218   .02398   .97818   1.0024   .00423   .01091   1.0212   1.0092
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
1.0095   .99916   .00554   .16637   1.0011   -.0943   .00632   1.0095   -.0030   .01537
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.00523   -.0096   -.0113   -.0317   .01836   -.0275   .04821   -.0016   1.0010   .00000
  TL       V        ZN       N1       HG
-.0049   1.0098   1.0176   .07726   <-10.0
AN
TY

BURN # 2          WHR1     10-NOV-87 14:17:01
  LV
7136.0
  AG       AL       AS       B        BA       BF       BI       CA       CD       CO
1.0118   .01131   -.0031   .01553   .96902   .99519   .00464   .01052   1.0200   1.0071
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
1.0046   .99281   .00484   .25813   .98832   .01347   .00546   1.0065   .00306   .00977
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.00314   -.0034   -.0134   -.0021   .01871   -.0002   .05228   -.0006   .99253   -.0037
  TL       V        ZN       N1       HG
-.0003   1.0045   1.0156   .10757   19.992
TA

AVERAGE           N=2      WHR1     10-NOV-87 14:17:18
  LV
7136.0
  AG       AL       AS       B        BA       BF       BI       CA       CD       CO
1.0118   .01262   -.0005   .01975   .97360   .99879   .00444   .01071   1.0206   1.0081
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
1.0070   .99598   .00519   .21225   .99470   -.0404   .00589   1.0080   .00001   .01257
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.00419   -.0065   -.0124   -.0169   .01853   -.0139   .05025   -.0011   .99675   -.0019
  TL       V        ZN       N1       HG
-.0026   1.0071   1.0166   .09241   .00560
LA

SAT>
```

```
    DK
DK
ENTER SAMPLE NAME>STD4
ENTER CLASS NAME>1.0
ENTER SAMPLE CODE>CV3
ENTER SAMPLE DIGIT>
SAT>PC
PC
EA
AN
TY
```

Cont. std.

```
BURN # 1          WHR1     10-NOV-87 14:18:24
  LV
7136.5
  AG        AL        AS        B         BA        BE        BI        CA        CD        CO
-.0101    .11529    .01810   -.0027    9.9352    .00096   -.0005    .04739    .00036   -.0173
  CR        CU        FE        K         LI        MX        MG        MN        MO        NA
.01716    .00338    .05881    .40615    .00304    .22901    .00345    .00674    10.085    .09796
  NI        P         PB        SB        SC        SE        SI        SN        SR        TI
.01465    .08651    .01486    10.174    .01983    10.066    .14519    10.080    .00040    9.9653
  TL        V         ZN        N1        HG
10.011    .01658   -.0016    .58989    39.976
AN
TY

BURN # 2          WHR1     10-NOV-87 14:19:04
  LV
7135.5
  AG        AL        AS        B         BA        BE        BI        CA        CD        CO
-.0101    .11729    .01748   -.0042    10.002    .00038   -.0030    .04664    .00128   -.0176
  CR        CU        FE        K         LI        MX        MG        MN        MO        NA
.01759    .00338    .06018    .24615    .00253    .25600    .00345    .00623    10.164    .09520
  NI        P         PB        SB        SC        SE        SI        SN        SR        TI
.00732    .07305    .00510    10.288    .01983    10.158    .14732    10.076    .00029    9.9527
  TL        V         ZN        N1        HG
10.056    .01623   -.0014    .55167    .00420
TA

AVERAGE           N=2      WHR1     10-NOV-87 14:19:21
  LV
7136.0
  AG        AL        AS        B         BA        BE        BI        CA        CD        CO
-.0101    .11629    .01779   -.0035    9.9686    .00067   -.0017    .04702    .00082   -.0174
  CR        CU        FE        K         LI        MX        MG        MN        MO        NA
.01738    .00338    .05950    .32615    .00278    .24251    .00345    .00648    10.124    .09658
  NI        P         PB        SB        SC        SE        SI        SN        SR        TI
.01099    .07978    .00998    10.231    .01983    10.112    .14625    10.078    .00034    9.9590
  TL        V         ZN        N1        HG
10.033    .01640   -.0015    .57078    19.990
LA

SAT>
```

```
    DK
DK
ENTER SAMPLE NAME>99305
ENTER CLASS NAME>1.0
ENTER SAMPLE CODE>A
ENTER SAMPLE DIGIT>
SAT>PC
PC
EA
AN
TY

BURN # 1          WHR1     10-NOV-87 14:24:02
  LV
7135.0
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
.01296   4.8387   .04087   .03667   .21433   .00044   .00816   21.706   .00395   .00381
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.02058   .64392   8.3111   2.2564   .01167   5.4034   5.4864   .22310   .02376   5.5090
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.01779   2.8100   .56921   .02296   .02088   .00600   11.682   .01236   .07720   .21368
  TL       V        ZN       N1       HG
.00259   .01133   .35440   7.9559   39.980
AN
TY

BURN # 2          WHR1     10-NOV-87 14:24:42
  LV
7133.5
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
.01301   4.9239   .05328   .03879   .21873   .00123   .00279   21.922   .00274   .00381
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.02144   .65675   8.4196   2.1892   .01189   5.2698   5.5480   .22600   .02248   5.6237
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.01570   2.8986   .54172   .00171   .02075   -.0173   11.850   .01039   .07928   .21560
  TL       V        ZN       N1       HG
.01793   .01132   .35633   8.0864   19.992
TA

AVERAGE           N=2      WHR1     10-NOV-87 14:24:59
  LV
7134.2
  AG       AL       AS       B        BA       BE       BI       CA       CD       CO
.01298   4.8813   .04707   .03773   .21653   .00083   .00547   21.814   .00334   .00381
  CR       CU       FE       K        LI       MX       MG       MN       MO       NA
.02101   .65033   8.3653   2.2228   .01178   5.3366   5.5172   .22455   .02312   5.5664
  NI       P        PB       SB       SC       SE       SI       SN       SR       TI
.01674   2.8543   .55547   .01233   .02082   -.0056   11.766   .01137   .07824   .21464
  TL       V        ZN       N1       HG
.01026   .01133   .35537   8.0211   29.986
LA

SAT>
```

01A-006

```
    DK
DK
ENTER SAMPLE NAME>99305
ENTER CLASS NAME>1.0
ENTER SAMPLE CODE>B
ENTER SAMPLE DIGIT>
SAT>PC
PC
EA
AN
TY
```

01A-006 (Dup.)

```
BURN # 1          WHR1     10-NOV-87 14:26:03
  LV
7134.0
  AG        AL        AS        B        BA        BE        BI        CA        CD        CO
.01070    4.5981    .05442   .03247   .20476   -.0001    .00617    20.577    .00181    .00254
  CR        CU        FE        K        LI        MX        MG        MN        MO        NA
.02037    .65162    7.8522   2.2042   .01101    5.1885    5.1930    .21145    .02155    5.5743
  NI        P         PB        SB        SC        SE        SI        SN        SR        TI
.01674    2.7693    .55534   -.0099   .02061   -.0204    11.029    .00663    .07493    .19779
  TL        V         ZN        N1        HG
.00831    .01029    .34081   7.6849   19.992
AN
TY

BURN # 2          WHR1     10-NOV-87 14:26:43
  LV
7135.0
  AG        AL        AS        B        BA        BE        BI        CA        CD        CO
.01397    4.5961    .05725   .03392   .20386   .00065    .00732    20.659    .00269    .00254
  CR        CU        FE        K        LI        MX        MG        MN        MO        NA
.01951    .65238    7.8551   2.2817   .01132    5.4034    5.2144    .21168    .01981    5.5693
  NI        P         PB        SB        SC        SE        SI        SN        SR        TI
.02407    2.7671    .54391   .02802   .02074   -.0019    11.054   -.0056    .07492    .19870
  TL        V         ZN        N1        HG
-.0008    .01064    .34230   7.7308   .00280
TA

AVERAGE           N=2      WHR1     10-NOV-87 14:27:00
  LV
7134.5
  AG        AL        AS        B        BA        BE        BI        CA        CD        CO
.01234    4.5971    .05584   .03320   .20431   .00026    .00675    20.618    .00225    .00254
  CR        CU        FE        K        LI        MX        MG        MN        MO        NA
.01994    .65200    7.8536   2.2430   .01116    5.2960    5.2037    .21157    .02068    5.5718
  NI        P         PB        SB        SC        SE        SI        SN        SR        TI
.02040    2.7682    .54963   .00906   .02067   -.0111    11.042    .00054    .07492    .19824
  TL        V         ZN        N1        HG
.00376    .01046    .34155   7.7078   9.9972
LA

SAT>
```

```
    DK
DK
ENTER SAMPLE NAME>99306
ENTER CLASS NAME>1.0
ENTER SAMPLE CODE>A
ENTER SAMPLE DIGIT>
SAT>PC
PC
EA
AN
TY
```

01B-006

```
BURN # 1          WHR1     10-NOV-87 14:28:10
  LV
7135.0
  AG        AL        AS        B         BA        BE        BI        CA        CD        CO
.01283    2.4885    .02698    .02491    .12406   -.0001    .00246    10.828    .00246    .00296
  CR        CU        FE        K         LI        MX        MG        MN        MO        NA
.01482    .22930    4.4099    1.3481    .00410    2.6276    2.5782    .11959    .01759    4.8635
  NI        P         PB        SB        SC        SE        SI        SN        SR        TI
.00837    2.4558    .44779   -.0115     .01969   -.0127     6.5858    .00462    .04568    .10497
  TL        V         ZN        N1        HG
-.0044    .00615    .18700    4.3341    19.992
AN
TY

BURN # 2          WHR1     10-NOV-87 14:28:50
  LV
7135.5
  AG        AL        AS        B         BA        BE        BI        CA        CD        CO
.01174    2.5122    .02650    .02492    .12492    .00051    .00546    10.862    .00283    .00211
  CR        CU        FE        K         LI        MX        MG        MN        MO        NA
.01311    .23183    4.4354    1.2778    .00430    2.5466    2.5880    .12023    .01933    4.9037
  NI        P         PB        SB        SC        SE        SI        SN        SR        TI
.01569    2.4982    .49467   -.0486     .01948   -.0168     6.6056    .00162    .04591    .10403
  TL        V         ZN        N1        HG
-.0124    .00577    .18802    4.3270    19.992
TA

AVERAGE           N=2      WHR1     10-NOV-87 14:29:07
  LV
7135.2
  AG        AL        AS        B         BA        BE        BI        CA        CD        CO
.01229    2.5004    .02674    .02491    .12449    .00022    .00396    10.845    .00264    .00254
  CR        CU        FE        K         LI        MX        MG        MN        MO        NA
.01397    .23057    4.4226    1.3130    .00420    2.5871    2.5831    .11991    .01846    4.8836
  NI        P         PB        SB        SC        SE        SI        SN        SR        TI
.01203    2.4770    .47123   -.0300     .01959   -.0148     6.5957    .00312    .04579    .10450
  TL        V         ZN        N1        HG
-.0084    .00596    .18751    4.3305    19.992
LA

SAT>
```